

**Table 12.4 Carbon Dioxide Emissions From Energy Consumption: Industrial Sector**  
(Million Metric Tons of Carbon Dioxide<sup>a</sup>)

	Coal	Coal Coke Net Imports	Natural Gas <sup>b</sup>	Petroleum								Retail Elec- tricity <sup>g</sup>	Total <sup>h</sup>	
				Distillate Fuel Oil <sup>c</sup>	HGL <sup>d</sup>	Kero- sene	Lubri- cants	Motor Gasoline <sup>e</sup>	Petroleum Coke	Residual Fuel Oil	Other <sup>f</sup>			Total
1973 Total	371	-1	536	106	28	11	7	18	53	142	97	463	515	1,884
1975 Total	336	2	440	97	27	9	6	16	51	115	93	413	490	1,680
1980 Total	289	-4	430	96	54	13	7	11	49	103	129	461	601	1,776
1985 Total	256	-2	363	81	55	3	6	15	54	57	86	358	583	1,558
1990 Total	258	1	435	84	46	1	7	13	67	32	114	363	638	1,695
1995 Total	233	7	492	82	58	1	7	14	68	25	107	362	659	1,752
1996 Total	227	3	508	86	59	1	6	14	72	25	125	389	678	1,804
1997 Total	224	5	509	88	58	1	7	15	70	22	131	392	694	1,824
1998 Total	219	8	500	88	56	2	7	14	80	16	116	379	706	1,811
1999 Total	208	7	480	86	57	1	7	11	85	14	119	381	704	1,780
2000 Total	211	7	486	87	58	1	7	11	77	17	106	364	719	1,787
2001 Total	204	3	444	94	51	2	6	21	79	14	125	392	667	1,712
2002 Total	188	7	453	88	52	1	6	22	79	13	121	383	654	1,684
2003 Total	190	6	435	85	48	2	6	23	78	15	134	391	672	1,694
2004 Total	190	16	438	88	52	2	6	26	85	17	136	413	674	1,732
2005 Total	183	5	406	92	48	3	6	25	82	20	135	410	672	1,677
2006 Total	179	7	408	91	47	2	6	26	85	16	147	421	650	1,664
2007 Total	175	3	418	91	50	1	6	21	83	13	143	408	662	1,666
2008 Total	168	5	419	98	38	(s)	6	17	78	13	126	375	642	1,608
2009 Total	131	-3	395	78	38	(s)	5	16	73	9	107	327	550	1,400
2010 Total	153	-1	427	84	42	1	6	17	68	8	115	341	587	1,508
2011 Total	146	1	438	90	38	(s)	5	17	65	9	114	339	574	1,498
2012 Total	141	(s)	455	93	48	(s)	5	17	70	5	110	348	543	1,488
2013 Total	145	-2	472	92	50	(s)	5	17	65	3	116	349	542	1,506
2014 Total	143	-2	488	100	45	(s)	5	14	64	3	108	340	543	1,511
2015 January	12	(s)	46	9	6	(s)	1	1	6	(s)	8	32	42	131
February	11	(s)	42	10	5	(s)	(s)	1	2	(s)	9	28	41	122
March	11	(s)	43	9	5	(s)	1	1	6	(s)	9	31	39	123
April	10	(s)	40	8	4	(s)	1	1	6	(s)	9	29	37	116
May	11	(s)	39	6	4	(s)	1	1	6	(s)	11	30	42	122
June	11	(s)	38	7	4	(s)	(s)	1	6	(s)	11	30	47	125
July	11	(s)	39	7	4	(s)	1	2	6	(s)	11	30	48	129
August	11	(s)	39	6	5	(s)	(s)	1	7	(s)	9	29	47	126
September	10	(s)	38	8	4	(s)	(s)	1	4	(s)	9	27	43	118
October	11	(s)	40	6	5	(s)	1	1	5	(s)	7	25	40	115
November	10	(s)	41	4	4	(s)	(s)	1	5	(s)	9	24	38	113
December	10	(s)	43	5	5	(s)	(s)	1	4	(s)	10	27	36	117
Total	129	-2	487	85	53	(s)	6	17	65	2	112	341	502	1,457
2016 January	10	(s)	46	8	6	(s)	(s)	1	6	(s)	10	32	39	126
February	10	(s)	42	8	5	(s)	(s)	1	5	(s)	12	33	34	119
March	10	(s)	43	9	4	(s)	1	1	6	(s)	9	30	32	115
April	9	(s)	40	6	4	(s)	(s)	1	4	(s)	10	27	33	109
May	9	(s)	40	6	3	(s)	(s)	1	4	(s)	9	25	37	111
June	9	(s)	39	6	3	(s)	1	1	3	(s)	10	25	44	116
July	9	(s)	40	4	4	(s)	(s)	2	5	(s)	9	24	47	121
August	9	(s)	41	7	3	(s)	(s)	2	7	(s)	11	31	47	128
September	9	(s)	39	7	4	(s)	(s)	1	4	(s)	10	27	41	117
October	9	(s)	40	7	4	(s)	(s)	1	5	(s)	11	30	39	118
November	9	(s)	42	8	4	(s)	(s)	1	8	(s)	9	30	36	117
December	10	(s)	46	7	5	(s)	(s)	1	6	(s)	10	31	40	127
Total	113	-2	498	84	50	(s)	6	17	64	4	120	344	473	1,426
2017 January	9	(s)	46	7	6	(s)	(s)	1	7	(s)	10	32	37	124
February	9	(s)	41	7	4	(s)	(s)	1	4	(s)	9	26	32	107
March	9	(s)	44	10	4	(s)	(s)	1	R 3	(s)	11	30	35	118
April	9	(s)	40	6	4	(s)	(s)	1	5	(s)	11	29	33	111
May	9	(s)	41	8	4	(s)	(s)	2	5	(s)	10	29	37	116
June	9	(s)	40	R 6	3	(s)	(s)	1	4	(s)	10	26	40	114
July	10	(s)	41	5	4	(s)	(s)	2	8	(s)	10	29	44	123
August	10	(s)	41	7	3	(s)	(s)	2	5	(s)	10	28	R 43	121
September	10	(s)	40	R 7	4	(s)	(s)	1	6	(s)	9	R 28	38	R 115
October	11	(s)	42	R 7	4	(s)	(s)	1	3	(s)	10	27	37	116
November	10	(s)	44	9	4	(s)	(s)	1	6	(s)	9	31	36	121
December	11	(s)	48	6	5	(s)	(s)	1	6	(s)	9	28	38	125
Total	116	-3	509	86	50	(s)	5	17	61	4	119	342	451	1,414

<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> Aviation gasoline blending components, crude oil, motor gasoline blending components, petrochemical feedstocks, special naphthas, still gas, unfinished oils, waxes, and miscellaneous petroleum products.  
<sup>g</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 retail sales. See Tables 7.6 and 12.6.  
<sup>h</sup> 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, plus the relatively small amount of emissions from the non-combustion 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.