

**Table 11.4 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	533	106	31	11	7	18	54	146	99	473	515	1,892
1975 Total .....	335	2	438	97	30	9	6	16	52	119	94	421	490	1,686
1980 Total .....	289	-4	428	96	52	13	7	11	50	106	131	465	601	1,778
1985 Total .....	255	-2	361	81	54	3	6	15	55	59	83	357	583	1,554
1990 Total .....	258	1	436	84	45	1	7	13	69	32	115	366	638	1,698
1995 Total .....	233	7	492	82	57	1	7	14	69	27	107	364	659	1,755
2000 Total .....	211	7	486	87	61	1	7	11	75	19	107	368	719	1,791
2005 Total .....	182	5	406	92	49	3	6	25	86	22	135	418	672	1,684
2006 Total .....	180	7	408	91	49	2	6	26	85	19	147	425	650	1,669
2007 Total .....	175	3	419	91	50	1	6	21	83	15	143	410	662	1,669
2008 Total .....	168	5	419	98	41	(s)	6	17	79	15	126	382	642	1,615
2009 Total .....	131	-3	395	78	41	(s)	5	16	73	10	107	331	550	1,404
2010 Total .....	152	-1	427	84	42	1	5	17	67	9	115	340	587	1,507
2011 Total .....	146	1	438	90	38	(s)	5	17	64	10	114	339	574	1,498
2012 Total .....	141	(s)	455	93	42	(s)	4	17	69	5	110	341	543	1,481
2013 Total .....	144	-2	472	92	46	(s)	5	17	64	4	116	344	542	1,501
2014 Total .....	143	-2	488	100	45	(s)	5	14	65	3	108	340	543	1,512
2015 Total .....	129	-2	487	85	49	(s)	5	17	66	3	112	337	502	1,454
2016 Total .....	113	-2	497	84	46	(s)	5	17	65	4	120	342	473	1,423
2017 Total .....	112	-3	510	88	48	(s)	5	18	61	4	126	349	461	1,429
2018 Total .....	110	-3	533	91	R 55	(s)	5	18	62	3	123	357	457	1,455
2019 January .....	9	(s)	50	10	5	(s)	(s)	1	5	(s)	11	33	38	130
February .....	9	(s)	45	8	4	(s)	(s)	1	1	(s)	7	23	33	110
March .....	9	(s)	48	9	4	(s)	(s)	1	5	(s)	10	29	34	120
April .....	8	(s)	44	8	4	(s)	(s)	1	4	(s)	11	29	30	111
May .....	9	(s)	44	8	4	(s)	(s)	2	5	(s)	12	31	34	118
June .....	9	(s)	42	6	5	(s)	(s)	2	7	(s)	10	30	36	116
July .....	8	(s)	43	6	5	(s)	(s)	2	7	(s)	10	30	42	122
August .....	8	(s)	44	5	5	(s)	(s)	2	6	(s)	12	30	41	124
September .....	8	(s)	42	7	5	(s)	(s)	1	4	(s)	11	29	37	117
October .....	9	(s)	45	9	5	(s)	(s)	1	4	(s)	11	32	33	118
November .....	8	(s)	47	7	5	(s)	(s)	1	6	(s)	11	31	34	121
December .....	9	(s)	50	5	5	(s)	(s)	1	6	(s)	11	30	32	121
Total .....	104	-2	543	88	58	(s)	4	18	60	3	127	358	426	1,429
2020 January .....	8	(s)	50	10	4	(s)	(s)	1	4	(s)	11	31	30	119
February .....	8	(s)	47	10	3	(s)	(s)	1	4	(s)	12	31	28	113
March .....	8	(s)	47	9	5	(s)	(s)	1	4	(s)	12	31	28	113
April .....	7	(s)	42	4	3	(s)	(s)	1	3	(s)	10	22	23	93
May .....	6	(s)	41	4	4	(s)	(s)	1	3	(s)	11	24	25	97
June .....	7	(s)	40	4	4	(s)	(s)	1	3	(s)	9	22	30	99
July .....	6	(s)	42	5	5	(s)	(s)	1	4	(s)	9	25	36	110
August .....	7	(s)	43	5	5	(s)	(s)	1	6	(s)	10	29	37	115
September .....	7	(s)	42	7	5	(s)	(s)	1	5	(s)	8	27	31	107
October .....	7	(s)	45	9	6	(s)	(s)	1	4	(s)	8	29	31	112
November .....	8	(s)	46	8	6	(s)	(s)	1	5	(s)	9	30	30	112
December .....	8	(s)	50	8	7	(s)	(s)	1	4	(s)	10	30	32	119
Total .....	87	-1	533	81	59	(s)	4	15	50	2	118	330	363	1,312
2021 January .....	8	(s)	50	10	6	(s)	(s)	1	4	(s)	8	30	32	120
February .....	5	(s)	42	8	3	(s)	(s)	1	2	(s)	7	22	32	101
March .....	4	(s)	45	10	5	(s)	(s)	1	4	(s)	11	32	27	108
3-Month Total .....	17	-1	138	28	14	(s)	1	4	10	1	26	83	92	330
2020 3-Month Total .....	25	-1	143	28	12	(s)	1	4	12	(s)	34	92	86	346
2019 3-Month Total .....	27	-1	143	27	14	(s)	1	4	11	1	28	86	104	360

<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 11.6.

<sup>h</sup> 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.