

**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								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
<b>1973 Total</b> .....	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
2006 Total .....	180	7	407	93	49	2	6	26	85	18	151	430	649	1,673
2007 Total .....	175	3	419	93	50	1	6	21	83	14	147	415	661	1,673
2008 Total .....	168	5	419	99	41	(s)	6	17	79	15	130	387	641	1,619
2009 Total .....	131	-3	395	79	41	(s)	5	16	73	10	111	336	550	1,409
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	457	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
<b>2021</b> January .....	8	(s)	50	9	6	(s)	(s)	1	4	(s)	9	30	33	121
February .....	8	(s)	43	6	3	(s)	(s)	1	2	(s)	8	21	33	104
March .....	8	(s)	46	9	5	(s)	(s)	1	4	(s)	11	30	28	112
April .....	8	(s)	44	8	5	(s)	(s)	1	3	(s)	13	31	29	111
May .....	8	(s)	43	7	6	(s)	(s)	2	6	(s)	10	30	32	114
June .....	8	-1	42	6	6	(s)	(s)	2	5	(s)	9	29	38	116
July .....	8	(s)	44	5	6	(s)	(s)	2	3	(s)	10	26	42	120
August .....	8	-1	44	7	6	(s)	(s)	2	6	(s)	9	31	42	124
September .....	8	-1	42	8	6	(s)	(s)	1	4	(s)	9	29	35	114
October .....	8	(s)	45	7	6	(s)	(s)	2	4	(s)	11	30	33	116
November .....	8	-1	47	9	5	(s)	(s)	1	4	(s)	8	29	31	115
December .....	8	-1	50	7	6	(s)	(s)	1	6	(s)	9	30	30	117
<b>Total</b> .....	<b>97</b>	<b>-6</b>	<b>539</b>	<b>88</b>	<b>67</b>	<b>(s)</b>	<b>4</b>	<b>17</b>	<b>51</b>	<b>3</b>	<b>116</b>	<b>347</b>	<b>408</b>	<b>1,385</b>
<b>2022</b> 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	4	(s)	(s)	R 2	3	(s)	9	R 27	36	112
July .....	8	-1	44	5	5	(s)	(s)	R 2	6	(s)	10	28	39	118
August .....	8	(s)	44	7	4	(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)	R 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)	R 2	3	(s)	9	23	33	112
<b>Total</b> .....	<b>93</b>	<b>-6</b>	<b>549</b>	<b>89</b>	<b>51</b>	<b>(s)</b>	<b>4</b>	<b>R 18</b>	<b>48</b>	<b>3</b>	<b>111</b>	<b>R 325</b>	<b>401</b>	<b>1,360</b>
<b>2023</b> January .....	8	(s)	49	8	4	(s)	(s)	1	2	(s)	9	25	29	R 111
February .....	7	(s)	45	6	3	(s)	(s)	1	3	(s)	8	R 23	26	R 101
March .....	8	(s)	49	R 9	R 3	(s)	(s)	2	5	(s)	9	R 29	29	R 114
April .....	7	(s)	46	7	4	(s)	(s)	R 2	5	(s)	9	R 28	26	R 107
May .....	7	(s)	45	7	4	(s)	(s)	2	4	(s)	10	R 28	30	R 109
June .....	7	(s)	43	R 7	5	(s)	(s)	R 2	3	(s)	9	26	34	R 110
July .....	7	(s)	44	R 5	5	(s)	(s)	2	2	(s)	10	R 24	39	113
August .....	7	(s)	45	R 9	5	(s)	(s)	2	5	(s)	10	R 31	R 39	R 122
September .....	7	(s)	44	7	R 5	(s)	(s)	1	6	(s)	9	29	R 33	R 113
October .....	8	(s)	46	8	5	(s)	(s)	2	4	(s)	9	R 29	R 32	R 114
November .....	7	(s)	48	8	5	(s)	(s)	1	8	(s)	9	R 32	R 31	R 117
December .....	7	(s)	51	5	5	(s)	(s)	2	3	(s)	9	23	30	111
<b>Total</b> .....	<b>86</b>	<b>-3</b>	<b>554</b>	<b>88</b>	<b>53</b>	<b>(s)</b>	<b>3</b>	<b>18</b>	<b>51</b>	<b>3</b>	<b>111</b>	<b>327</b>	<b>379</b>	<b>1,342</b>

<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 sales to ultimate customers. 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.