

Table 12.1 Carbon Dioxide Emissions From Energy Consumption by Source
(Million Metric Tons of Carbon Dioxide^a)

	Coal ^b	Natural Gas ^c	Petroleum										Total ^{h,i}	
			Aviation Gasoline	Distillate Fuel Oil ^d	Jet Fuel	Kero-sene	LPG ^e	Lubri-cants	Motor Gasoline ^f	Petroleum Coke	Residual Fuel Oil	Other ^g		Total
1973 Total	1,207	1,178	6	480	155	32	92	13	911	54	508	100	2,350	4,735
1975 Total	1,181	1,046	5	443	146	24	82	11	911	51	443	97	2,212	4,439
1980 Total	1,436	1,061	4	446	156	24	87	13	900	49	453	142	2,275	4,771
1985 Total	1,638	926	3	445	178	17	87	12	930	54	216	93	2,036	4,600
1990 Total	1,821	1,024	3	470	223	6	67	13	988	70	220	127	2,187	5,039
1995 Total	1,913	1,183	3	498	222	8	80	13	1,045	76	152	121	2,216	5,323
1996 Total	1,995	1,204	3	524	232	9	86	12	1,063	79	152	139	2,300	5,510
1997 Total	2,040	1,210	3	534	234	10	87	13	1,075	80	142	145	2,323	5,584
1998 Total	2,064	1,189	2	537	238	12	82	14	1,107	93	158	128	2,272	5,635
1999 Total	2,062	1,193	3	555	245	11	90	14	1,128	96	148	133	2,422	5,688
2000 Total	2,155	1,243	3	579	254	10	97	14	1,136	86	163	118	2,459	5,868
2001 Total	2,088	1,188	2	597	243	11	88	13	1,152	89	144	135	2,474	5,761
2002 Total	2,095	1,227	2	586	237	6	91	12	1,183	96	125	130	2,470	5,804
2003 Total	2,136	1,193	2	610	231	8	87	11	1,187	96	138	142	2,513	5,853
2004 Total	2,160	1,200	2	632	240	10	87	12	1,210	107	155	144	2,598	5,970
2005 Total	2,182	1,183	2	639	246	10	84	12	1,209	106	165	143	2,617	5,993
2006 Total	2,147	1,167	2	645	240	8	80	11	1,217	106	122	152	2,584	5,910
2007 Total	2,172	1,241	2	647	238	5	83	12	1,211	100	128	150	2,576	6,000
2008 Total	2,140	1,248	2	610	226	2	79	11	1,143	93	110	132	2,409	5,809
2009 Total	1,876	1,225	2	559	204	3	78	10	1,129	87	90	112	2,273	5,386
2010 Total	1,986	1,286	2	585	210	3	79	11	1,112	82	93	122	2,299	5,582
2011 Total	1,876	1,305	2	599	209	2	78	10	1,078	79	79	117	2,252	5,445
2012 Total	1,657	1,363	2	574	206	1	81	9	1,071	79	65	113	2,200	5,232
2013 Total	1,718	1,400	2	581	210	1	88	10	1,087	77	56	119	2,231	5,360
2014 Total	1,713	1,430	2	614	216	1	83	10	1,095	76	45	110	2,252	5,406
2015 January	143	169	(s)	54	17	(s)	9	1	90	7	4	8	192	504
February	134	159	(s)	53	16	(s)	8	1	83	4	3	9	177	470
March	118	140	(s)	53	19	(s)	7	1	94	7	4	9	195	455
April	99	108	(s)	50	18	(s)	6	1	93	7	2	9	187	395
May	115	100	(s)	49	19	(s)	6	1	96	7	4	12	194	410
June	137	103	(s)	49	20	(s)	6	1	95	7	3	11	192	432
July	151	112	(s)	50	21	(s)	7	1	99	7	5	11	201	465
August	145	111	(s)	50	20	(s)	7	1	99	8	4	10	198	456
September	129	103	(s)	51	18	(s)	6	1	94	5	4	9	187	419
October	108	107	(s)	52	20	(s)	7	1	96	6	4	7	193	410
November	100	122	(s)	47	18	(s)	7	1	92	5	4	9	184	406
December	102	140	(s)	49	20	(s)	8	1	95	5	5	10	195	438
Total	1,480	1,473	1	607	227	1	85	11	1,126	76	46	115	2,295	5,259
2016 January	123	168	(s)	49	18	(s)	9	1	90	6	5	10	189	481
February	102	144	(s)	48	18	(s)	8	1	90	6	3	11	185	432
March	83	127	(s)	51	19	(s)	7	1	98	7	6	9	198	409
April	81	113	(s)	48	19	(s)	6	1	93	5	7	9	188	382
May	92	106	(s)	48	19	(s)	6	1	98	5	5	9	192	391
June	125	108	(s)	48	21	(s)	5	1	97	4	6	9	192	426
July	145	118	(s)	46	21	(s)	6	1	100	6	7	9	196	460
August	144	R 119	(s)	50	21	(s)	6	1	100	8	5	11	202	467
September	123	105	(s)	49	20	(s)	7	1	96	5	4	10	191	420
October	109	104	(s)	52	20	(s)	7	1	95	6	5	10	196	410
November	97	117	(s)	49	20	(s)	7	1	93	9	5	8	192	407
December	128	155	(s)	52	21	(s)	8	1	97	7	5	10	201	486
Total	1,354	1,485	1	589	236	1	82	11	1,146	75	63	115	2,320	R 5,170
2017 January	126	156	(s)	49	20	(s)	9	1	88	8	7	10	192	475
February	R 97	125	(s)	45	17	(s)	7	1	84	4	4	9	172	395
March	99	135	(s)	54	21	(s)	7	1	98	3	5	12	200	436
April	90	103	(s)	47	19	(s)	7	1	93	6	5	11	189	383
4-Month Total	412	519	(s)	195	77	(s)	30	3	364	21	21	42	753	1,688
2016 4-Month Total	389	552	(s)	196	74	(s)	30	4	371	25	21	39	760	1,704
2015 4-Month Total	494	576	(s)	210	71	(s)	31	4	360	25	14	36	751	1,824

^a Metric tons of carbon dioxide can be converted to metric tons of carbon equivalent by multiplying by 12/44.

^b Includes coal coke net imports.

^c Natural gas, excluding supplemental gaseous fuels.

^d Distillate fuel oil, excluding biodiesel.

^e Liquefied petroleum gases.

^f Finished motor gasoline, excluding fuel ethanol.

^g 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.

^h Includes electric power sector use of geothermal energy and non-biomass waste. See Table 12.6.

ⁱ Excludes emissions from biomass energy consumption. See Table 12.7.

R=Revised. (s)=Less 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.