

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	HGL ^e	Jet Fuel	Kero-sene	Lubri-cants	Motor Gasoline ^f	Petroleum Coke	Residual Fuel Oil	Other ^g		Total
1973 Total	1,207	1,179	6	480	76	155	32	13	911	54	506	97	2,330	4,715
1975 Total	1,181	1,046	5	442	70	146	24	11	911	51	442	93	2,195	4,421
1980 Total	1,436	1,061	4	446	80	156	24	13	900	49	452	129	2,253	4,750
1985 Total	1,638	929	3	445	83	178	17	12	930	55	216	86	2,025	4,593
1990 Total	1,821	1,027	3	470	76	223	6	13	988	70	221	114	2,184	5,039
1995 Total	1,913	1,186	3	498	91	222	8	13	1,045	76	152	107	2,215	5,324
1996 Total	1,995	1,207	3	524	97	232	9	12	1,063	R 80	152	125	2,298	5,511
1997 Total	2,040	1,214	3	534	95	234	10	13	1,075	80	143	131	2,319	R 5,584
1998 Total	2,064	1,193	2	537	91	238	12	14	1,107	93	158	116	2,369	R 5,637
1999 Total	2,062	1,198	3	555	100	245	11	14	1,128	R 97	148	119	2,419	R 5,690
2000 Total	2,156	1,246	3	579	104	254	10	14	1,136	R 87	162	106	2,454	R 5,867
2001 Total	2,088	1,193	2	597	94	243	11	13	1,152	R 90	145	125	2,470	5,762
2002 Total	2,095	1,231	2	586	96	237	6	12	1,183	R 97	125	121	2,466	5,805
2003 Total	2,136	1,196	2	610	93	231	8	11	1,187	96	138	134	2,511	5,855
2004 Total	2,160	1,201	2	632	95	240	10	12	1,210	R 107	155	136	R 2,598	R 5,971
2005 Total	2,182	1,183	2	639	90	246	10	12	1,209	R 106	164	135	R 2,615	R 5,992
2006 Total	2,147	1,170	2	645	85	240	8	11	1,217	106	122	147	2,583	5,912
2007 Total	2,172	1,246	2	647	89	238	5	12	1,211	R 100	129	143	R 2,576	6,005
2008 Total	2,140	1,255	2	610	85	226	2	11	1,143	R 93	111	126	R 2,409	5,815
2009 Total	1,876	1,233	2	559	83	204	3	10	1,129	R 87	91	107	2,375	R 5,396
2010 Total	1,986	1,292	2	585	86	210	3	11	1,112	82	96	115	2,302	5,591
2011 Total	1,876	1,311	2	599	80	209	2	10	1,078	79	82	114	R 2,255	R 5,454
2012 Total	1,657	1,372	2	574	84	206	1	9	1,071	R 79	66	110	2,202	R 5,243
2013 Total	1,718	1,409	2	581	92	210	1	10	1,087	77	57	116	2,233	5,372
2014 Total	1,714	1,440	2	614	87	216	1	10	1,095	76	46	108	2,255	5,419
2015 January	143	170	(s)	54	9	17	(s)	1	90	7	4	8	192	506
February	134	160	(s)	53	8	16	(s)	1	83	4	3	9	177	472
March	118	141	(s)	53	8	19	(s)	1	94	7	4	9	196	456
April	99	109	(s)	50	7	18	(s)	1	93	7	3	9	188	397
May	115	101	(s)	49	7	19	(s)	1	96	7	4	11	194	411
June	137	103	(s)	49	7	20	(s)	1	95	7	3	11	192	433
July	151	112	(s)	50	7	21	(s)	1	99	7	5	11	201	466
August	145	112	(s)	50	8	20	(s)	1	99	8	5	9	199	457
September	129	103	(s)	51	6	18	(s)	1	94	5	4	9	187	420
October	108	108	(s)	52	8	20	(s)	1	96	6	4	7	194	411
November	100	122	(s)	47	7	18	(s)	1	92	5	4	9	184	407
December	102	141	(s)	49	9	20	(s)	1	95	5	5	10	195	439
Total	1,480	1,483	1	607	91	227	1	11	1,126	76	47	112	2,299	5,274
2016 January	123	R 169	(s)	50	9	18	(s)	1	90	7	5	10	190	R 483
February	R 103	R 145	(s)	48	8	18	(s)	1	90	6	3	12	186	434
March	83	128	(s)	51	8	19	(s)	1	98	7	R 5	9	198	R 411
April	81	R 113	(s)	47	6	19	(s)	1	93	5	7	10	189	384
May	92	107	(s)	48	7	20	(s)	1	98	5	5	9	192	392
June	125	109	(s)	48	6	21	(s)	1	97	4	5	10	192	427
July	145	119	(s)	46	7	21	(s)	1	100	6	6	9	197	462
August	144	120	(s)	50	6	21	(s)	1	101	8	5	11	204	469
September	123	106	(s)	49	7	20	(s)	1	96	5	4	10	191	421
October	109	105	(s)	51	7	20	(s)	1	95	6	5	11	196	411
November	97	118	(s)	49	7	20	(s)	1	93	9	5	9	192	407
December	128	156	(s)	52	9	21	(s)	1	96	7	5	10	201	487
Total	1,354	1,495	1	589	88	237	1	11	1,145	76	59	120	2,327	5,187
2017 January	126	R 158	(s)	49	10	20	(s)	1	88	8	7	10	192	R 477
February	97	R 127	(s)	45	7	17	(s)	1	84	4	4	9	172	R 396
March	99	R 140	(s)	54	8	21	(s)	1	98	3	6	11	201	R 440
April	R 90	R 105	(s)	47	7	19	(s)	1	93	6	5	11	190	385
May	R 102	R 103	(s)	51	7	21	(s)	1	100	6	6	10	201	407
June	117	R 104	(s)	49	6	21	(s)	1	98	5	6	10	197	R 419
July	137	R 116	(s)	48	7	22	(s)	1	100	9	4	10	200	R 454
August	130	R 116	(s)	51	6	22	(s)	1	102	6	5	10	203	R 450
September	109	105	(s)	49	7	20	(s)	1	94	6	5	9	191	406
9-Month Total	1,007	1,073	1	443	64	183	1	7	857	53	46	91	1,746	3,835
2016 9-Month Total	1,019	1,116	1	437	65	177	1	8	861	54	44	90	1,738	3,882
2015 9-Month Total	1,170	1,112	1	459	67	169	1	9	842	59	34	86	1,727	4,017

^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 Hydrocarbon gas liquids.
^f Finished motor gasoline, excluding fuel ethanol.
^g Aviation gasoline blending components, crude oil, motor gasoline blending components, 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, 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.

Historical revisions are due to revised data for non-combustion use of fossil fuels in Table 1.11b.