

Table 12.6 Carbon Dioxide Emissions From Energy Consumption: Electric Power Sector
(Million Metric Tons of Carbon Dioxide^a)

	Coal	Natural Gas ^b	Petroleum				Geo-thermal	Non-Biomass Waste ^d	Total ^e
			Distillate Fuel Oil ^c	Petroleum Coke	Residual Fuel Oil	Total			
1973 Total	812	199	20	2	254	276	NA	NA	1,286
1975 Total	824	172	17	(s)	231	248	NA	NA	1,244
1980 Total	1,137	200	12	1	194	207	NA	NA	1,544
1985 Total	1,367	166	6	1	79	86	NA	NA	1,619
1990 Total	1,548	176	7	3	92	102	(s)	6	1,831
1995 Total	1,661	228	8	8	45	61	(s)	10	1,960
1996 Total	1,752	205	8	8	50	66	(s)	10	2,033
1997 Total	1,797	219	8	10	56	75	(s)	10	2,101
1998 Total	1,828	248	10	13	82	105	(s)	10	2,192
1999 Total	1,836	260	10	11	76	97	(s)	10	2,204
2000 Total	1,927	281	13	10	69	91	(s)	10	2,310
2001 Total	1,870	290	12	11	79	102	(s)	11	2,273
2002 Total	1,890	306	9	18	52	79	(s)	13	2,288
2003 Total	1,931	278	12	18	69	98	(s)	11	2,319
2004 Total	1,943	297	8	22	69	99	(s)	11	2,350
2005 Total	1,984	319	8	24	69	101	(s)	11	2,416
2006 Total	1,954	338	5	21	28	55	(s)	12	2,358
2007 Total	1,987	372	6	17	31	54	(s)	11	2,425
2008 Total	1,959	362	5	15	19	39	(s)	12	2,373
2009 Total	1,741	373	5	13	14	33	(s)	11	2,158
2010 Total	1,828	399	6	14	12	32	(s)	5	2,265
2011 Total	1,723	409	5	14	7	26	(s)	6	2,165
2012 Total	1,511	493	4	9	6	19	(s)	6	2,029
2013 January	137	34	(s)	1	1	2	(s)	1	174
February	123	31	(s)	1	1	2	(s)	(s)	156
March	129	33	(s)	1	(s)	2	(s)	1	164
April	111	31	(s)	1	(s)	2	(s)	(s)	144
May	118	33	(s)	1	(s)	2	(s)	1	154
June	137	40	(s)	1	(s)	2	(s)	(s)	180
July	152	49	(s)	1	1	2	(s)	1	204
August	150	49	(s)	1	1	2	(s)	1	201
September	133	41	(s)	1	(s)	2	(s)	(s)	176
October	121	35	(s)	1	(s)	2	(s)	1	158
November	120	33	(s)	1	(s)	2	(s)	(s)	155
December	141	36	(s)	1	1	2	(s)	1	180
Total	1,571	444	4	13	6	23	(s)	6	2,045
2014 January	154	36	2	1	2	5	(s)	1	196
February	140	30	1	1	1	2	(s)	(s)	173
March	133	R 31	1	1	1	3	(s)	1	R 167
April	107	30	(s)	1	(s)	1	(s)	(s)	139
May	118	35	(s)	1	(s)	2	(s)	1	155
June	137	39	(s)	1	(s)	2	(s)	(s)	R 178
July	150	46	(s)	1	(s)	2	(s)	1	198
August	149	49	(s)	1	R (s)	2	(s)	1	200
September	127	42	(s)	1	(s)	2	(s)	(s)	R 171
October	R 112	38	(s)	1	(s)	1	(s)	1	153
November	119	33	(s)	1	(s)	2	(s)	(s)	154
December	R 125	35	(s)	1	(s)	2	(s)	1	R 162
Total	1,570	444	6	12	R 7	R 26	(s)	6	2,046
2015 January	131	39	1	1	1	3	(s)	1	173
February	123	35	2	1	2	5	(s)	(s)	164
March	107	39	(s)	1	(s)	2	(s)	1	148
April	89	36	(s)	1	(s)	2	(s)	(s)	128
May	105	40	(s)	1	(s)	2	(s)	1	148
June	127	R 49	(s)	1	(s)	2	(s)	(s)	178
July	R 142	57	(s)	1	1	2	(s)	1	R 201
August	136	56	(s)	1	1	2	(s)	1	195
September	120	49	(s)	1	(s)	2	(s)	(s)	171
9-Month Total	1,082	401	4	9	6	20	(s)	5	1,507
2014 9-Month Total	1,214	338	5	9	6	21	(s)	5	1,578
2013 9-Month Total	1,189	341	3	10	5	17	(s)	5	1,552

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

^b Natural gas, excluding supplemental gaseous fuels.

^c Distillate fuel oil, excluding biodiesel.

^d Municipal solid waste from non-biogenic sources, and tire-derived fuels. Through 1994, also includes blast furnace gas, and other manufactured and waste gases derived from fossil fuels. Through 2009, also includes municipal solid waste from biogenic sources, landfill gas, sludge waste, agricultural byproducts, and other biomass.

^e Excludes emissions from biomass energy consumption. See Table 12.7.

R=Revised. NA=Not available. (s)=Less than 0.5 million metric tons.

Notes: • Data are estimates for carbon dioxide emissions from energy consumption. 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.