

Table 18. Total Carbon Dioxide Emissions, Actual vs. Forecasts

(million metric tons)	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
AEO 1982																						
AEO 1983																						
AEO 1984																						
AEO 1985																						
AEO 1986																						
AEO 1987																						
AEO 1989*																						
AEO 1990																						
AEO 1991																						
AEO 1992																						
AEO 1993								5009	5053	5130	5207	5269	5335	5401	5449	5504	5562	5621	5672	5724	5771	
AEO 1994									5060	5130	5185	5240	5287	5335	5379	5438	5482	5529	5599	5658	5694	
AEO 1995										5137	5174	5188	5262	5309	5361	5394	5441	5489	5551	5621	5680	
AEO 1996											5182	5224	5295	5355	5417	5464	5525	5589	5660	5735	5812	
AEO 1997												5295	5381	5491	5586	5658	5715	5781	5863	5934	6009	
AEO 1998													5474	5621	5711	5784	5893	5957	6026	6098	6192	
AEO 1999														5522	5689	5810	5913	5976	6036	6084	6152	
AEO 2000															5573	5692	5777	5865	5971	6078	6172	
AEO 2001																5630	5781	5909	6023	6114	6197	
AEO 2002																	5723	5808	5981	6095	6210	
AEO 2003																		5633	5749	5856	5954	
AEO 2004																			5743	5826	5986	
AEO 2005																				5905	6023	
AEO 2006																					5967	
Actual	4638	4643	4800	5013	5106	5002	4953	5068	5183	5259	5312	5500	5563	5598	5678	5846	5786	5809	5872	5973	5909	
Average Absolute Difference (All AEOs)								59.1	126.7	126.9	125.4	256.5	224.1	171.3	168.4	248.6	151.2	153.0	162.0	163.8	184.1	
(percent difference)																						
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
AEO 1982																						
AEO 1983																						
AEO 1984																						
AEO 1985																						
AEO 1986																						
AEO 1987																						
AEO 1989*																						
AEO 1990																						
AEO 1991																						
AEO 1992																						
AEO 1993								-1.2	-2.5	-2.5	-2.0	-4.2	-4.1	-3.5	-4.0	-5.8	-3.9	-3.2	-3.4	-4.2	-2.3	
AEO 1994									-2.4	-2.4	-4.7	-5.0	-4.7	-5.3	-7.0	-5.3	-4.8	-4.6	-5.3	-3.6		
AEO 1995										-2.3	-2.6	-5.7	-5.4	-5.2	-5.6	-7.7	-5.9	-5.5	-5.5	-5.9	-3.9	
AEO 1996											-2.5	-5.0	-4.8	-4.3	-4.6	-6.5	-4.5	-3.8	-3.6	-4.0	-1.6	
AEO 1997												-3.7	-3.3	-1.9	-1.6	-3.2	-1.2	-0.5	-0.1	-0.7	1.7	
AEO 1998													-1.6	0.4	0.6	-1.1	1.9	2.6	2.6	2.1	4.8	
AEO 1999														-1.4	0.2	-0.6	2.2	2.9	2.8	1.9	4.1	
AEO 2000															-1.9	-2.6	-0.1	1.0	1.7	1.8	4.5	
AEO 2001																-3.7	-0.1	1.7	2.6	2.4	4.9	
AEO 2002																	-1.1	0.0	1.9	2.0	5.1	
AEO 2003																		-3.0	-2.1	-2.0	0.8	
AEO 2004																			-2.2	-2.5	1.3	
AEO 2005																				-1.1	1.9	
AEO 2006																					1.0	
Average Absolute Percent Difference (All AEOs)								1.2	2.4	2.4	2.4	4.7	4.0	3.1	3.0	4.3	2.6	2.6	2.8	2.7	3.1	

* There is no report titled *Annual Energy Outlook 1988* due to a change in the naming convention of the AEOs.

Sources: Forecasts: *Annual Energy Outlook*, Mid-Price or Reference Case Projections, Various Editions.
 Energy Information Administration, July 2006 Monthly Energy Review, DOE/EIA-0035(2006/07) (Washington, DC, July 2006), Table 12.1, and 2005 estimate from
 Historical Data: <http://www.eia.doe.gov/oiaf/1605/flash/flash.html>.