

Table 21. Total energy related carbon dioxide emissions, projected vs. actual

Projected

(million metric tons)

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
AEO 1994	5060	5130	5185	5240	5287	5335	5379	5438	5482	5529	5599	5658	5694	5738	5797	5874	5925	5984
AEO 1995		5137	5174	5188	5262	5309	5361	5394	5441	5489	5551	5621	5680	5727	5775	5841	5889	5944
AEO 1996			5182	5224	5295	5355	5417	5464	5525	5589	5660	5735	5812	5879	5925	5981	6030	6087
AEO 1997				5295	5381	5491	5586	5658	5715	5781	5863	5934	6009	6106	6184	6236	6268	6316
AEO 1998					5474	5621	5711	5784	5893	5957	6026	6098	6192	6292	6379	6465	6542	6612
AEO 1999						5522	5689	5810	5913	5976	6036	6084	6152	6244	6325	6418	6493	6563
AEO 2000							5573	5692	5777	5865	5971	6078	6172	6262	6345	6420	6480	6551
AEO 2001								5630	5781	5909	6023	6114	6197	6281	6387	6470	6541	6633
AEO 2002									5723	5808	5981	6095	6210	6323	6438	6530	6624	6727
AEO 2003										5633	5749	5856	5954	6095	6232	6360	6475	6602
AEO 2004											5743	5826	5986	6124	6251	6357	6453	6559
AEO 2005												5905	6023	6138	6274	6415	6533	6627
AEO 2006													5967	5978	6080	6182	6281	6365
AEO 2007														5940	5999	6059	6124	6214
AEO 2008															5977	5983	5978	6011
AEO 2009																5849	5699	5746
AEO 2010																	5507	5521
AEO 2011																		5643
Actual	5185	5258	5314	5501	5575	5622	5682	5867	5759	5809	5857	5975	5996	5918	6022	5838	5425	5634
Average Absolute Difference	125	125	134	264	235	183	161	258	137	150	158	157	144	221	221	377	801	640

Projected vs. actual

(percent difference)

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
AEO 1994	-2.4	-2.4	-2.4	-4.8	-5.2	-5.1	-5.3	-7.3	-4.8	-4.8	-4.4	-5.3	-5.0	-3.0	-3.7	0.6	9.2	6.2
AEO 1995		-2.3	-2.6	-5.7	-5.6	-5.6	-5.7	-8.1	-5.5	-5.5	-5.2	-5.9	-5.3	-3.2	-4.1	0.1	8.5	5.5
AEO 1996			-2.5	-5.0	-5.0	-4.8	-4.7	-6.9	-4.1	-3.8	-3.4	-4.0	-3.1	-0.7	-1.6	2.5	11.1	8.0
AEO 1997				-3.7	-3.5	-2.3	-1.7	-3.6	-0.8	-0.5	0.1	-0.7	0.2	3.2	2.7	6.8	15.5	12.1
AEO 1998					-1.8	0.0	0.5	-1.4	2.3	2.6	2.9	2.1	3.3	6.3	5.9	10.7	20.6	17.4
AEO 1999						-1.8	0.1	-1.0	2.7	2.9	3.1	1.8	2.6	5.5	5.0	9.9	19.7	16.5
AEO 2000							-1.9	-3.0	0.3	1.0	1.9	1.7	2.9	5.8	5.4	10.0	19.4	16.3
AEO 2001								-4.0	0.4	1.7	2.8	2.3	3.4	6.1	6.1	10.8	20.6	17.7
AEO 2002									-0.6	0.0	2.1	2.0	3.6	6.8	6.9	11.9	22.1	19.4
AEO 2003										-3.0	-1.8	-2.0	-0.7	3.0	3.5	8.9	19.3	17.2
AEO 2004											-1.9	-2.5	-0.2	3.5	3.8	8.9	18.9	16.4
AEO 2005												-1.2	0.5	3.7	4.2	9.9	20.4	17.6
AEO 2006													-0.5	1.0	1.0	5.9	15.8	13.0
AEO 2007														0.4	-0.4	3.8	12.9	10.3
AEO 2008															-0.8	2.5	10.2	6.7
AEO 2009																0.2	5.0	2.0
AEO 2010																	1.5	-2.0
AEO 2011																		0.2
Average Absolute Percent Difference	2.4	2.4	2.5	4.8	4.2	3.3	2.8	4.4	2.4	2.6	2.7	2.6	2.4	3.7	3.7	6.5	14.8	11.4

Sources: Projections: *Annual Energy Outlook*, Reference Case Projections, Various Editions.

Historical Data: U.S. Energy Information Administration, Annual Energy Review 2010, DOE/EIA-0384(2010) (Washington, DC, October 2011), Table 11.1 and October 2011 Monthly Energy Review, DOE/EIA-0035(2011/10) (Washington, DC, October 27, 2011), Table 12.1.