

Table 9. Coal Production: AEO Forecasts, Actual Values, and Absolute and Percent Errors, 1985-1997

Publication	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	Average Absolute Error
(Million Short Tons)														
AEO82	914	939	963	995	1,031	1,080								45
AEO83	900	926	947	974	1,010	1,045								44
AEO84	899	921	948	974	1,010	1,057								49
AEO85	886	909	930	940	958	985	1,015	1,041	1,072	1,094	1,116			40
AEO86		890	920	954	962	983	1,017	1,044	1,073	1,097	1,126	1,142	1,156	47
AEO87			917	914	932	962	978	996	1,020	1,043	1,068			33
AEO89				941	946	977	990	1,018	1,039	1,058	1,082	1,084	1,107	33
AEO90					973	987							1,085	34
AEO91						1,035	1,002	1,016	1,031	1,043	1,054	1,065	1,079	20
AEO92							1,004	1,040	1,019	1,034	1,052	1,064	1,074	23
AEO93							1,039	1,043	1,054	1,065	1,076	1,086		34
AEO94								999	1,021	1,041	1,051	1,056		24
AEO95									1,006	1,010	1,011	1,016		44
AEO96										1,037	1,044	1,041		24
AEO97											1,028	1,052		37
AEO98												1,088		1
Actual Value	884	890	919	950	981	1,029	996	998	945	1,034	1,033	1,064	1,089	
Average Absolute Error	16	27	19	22	30	39	13	30	92	25	59	26	31	36
(Percent Error)														
AEO82	3.4	5.5	4.8	4.7	5.1	5.0								4.7
AEO83	1.8	4.0	3.0	2.5	3.0	1.6							15.3	4.5
AEO84	1.7	3.5	3.2	2.5	3.0	2.7							18.2	5.0
AEO85	0.2	2.1	1.2	-1.1	-2.3	-4.3	1.9	4.3	13.4	5.8	8.0			4.1
AEO86		0.0	0.1	0.4	-1.9	-4.5	2.1	4.6	13.5	6.1	9.0	7.3	6.2	4.6
AEO87			-0.2	-3.8	-5.0	-6.5	-1.8	-0.2	7.9	0.9	3.4			3.3
AEO89				-0.9	-3.6	-5.1	-0.6	2.0	9.9	2.3	4.7	1.9	1.7	3.3
AEO90					-0.8	-4.1					5.0			3.3
AEO91						0.6	0.6	1.8	9.1	0.9	2.0	0.1	-0.9	2.0
AEO92							0.8	4.2	7.8	0.0	1.8	0.0	-1.4	2.3
AEO93								4.1	10.4	1.9	3.1	1.1	-0.3	3.5
AEO94									5.7	-1.3	0.8	-1.2	-3.0	2.4
AEO95										-2.7	-2.2	-5.0	-6.7	4.2
AEO96											0.4	-1.9	-4.4	2.2
AEO97												-3.4	-3.4	3.4
AEO98													-0.1	0.1
Average Absolute Percent Error	1.8	3.0	2.1	2.3	3.1	3.8	1.3	3.0	9.7	2.4	5.7	2.4	2.8	3.6

AEO = Annual Energy Outlook.

Sources: **Actual Values:** Energy Information Administration (EIA), *Annual Energy Review 1997*, DOE/EIA-0384(97) (Washington, DC, July 1998).
Projections: EIA, *Annual Energy Outlook*, DOE/EIA-0383(82-98) (Washington, DC, April 1983 - December 1997).