

Table 10. Net Petroleum Imports, Actual vs. Forecasts

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
(million barrels per day)																	
AEO82	7.58	7.45	7.12	6.82	6.66	7.09											
AEO83	5.15	5.44	5.73	5.79	5.72	5.95											6.96
AEO84	4.85	5.11	5.53	5.95	6.31	6.59											8.65
AEO85	4.17	4.38	4.73	4.93	5.36	5.72	6.23	6.66	7.14	7.39	7.74						
AEO86		5.15	5.38	5.46	5.92	6.46	7.09	7.50	7.78	7.96	8.20	8.47	8.74	9.04	9.57	9.76	
AEO87			5.81	6.04	6.81	7.28	7.82	8.34	8.71	8.94	8.98						10.01
AEO89				6.28	6.84	7.49	7.96	8.53	8.83	9.04	9.28	9.60	9.64	9.75	10.02	10.20	
AEO90					7.20	7.61											9.95
AEO91						7.28	7.25	7.34	7.48	7.72	8.10	8.57	9.09	9.61	10.07	10.51	11.00
AEO92							6.86	7.42	7.88	8.16	8.55	8.80	9.06	9.32	9.50	9.80	10.17
AEO93								7.25	8.01	8.49	9.06	9.38	9.92	10.29	10.53	10.77	11.09
AEO94									8.04	8.77	9.21	9.60	10.02	10.24	10.63	10.94	11.23
AEO95										8.09	8.65	8.99	9.56	9.89	10.25	10.46	10.74
AEO96											8.25	8.51	8.82	9.31	9.64	10.08	10.43
AEO97												8.49	8.89	9.58	10.04	10.48	10.89
AEO98													9.05	9.29	10.01	10.17	10.62
AEO99														9.26	9.43	10.65	11.02
AEO2000															9.86	10.54	11.06
AEO2001																10.17	10.95
AEO2002																	9.02
AEO2003																	
Actual	4.29	5.44	5.91	6.59	7.20	7.16	6.63	6.94	7.62	8.05	7.89	8.50	9.16	9.76	9.91	10.42	10.90
Average Absolute Error (Across AEOs)	1.21	0.74	0.60	0.76	0.85	0.56	0.71	0.72	0.52	0.47	0.80	0.44	0.38	0.37	0.31	0.29	0.37
(percent error)																	
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
AEO82	76.7	36.9	20.5	3.5	-7.5	-1.0											
AEO83	20.0	0.0	-3.0	-12.1	-20.6	-16.9											-11.8
AEO84	13.1	-6.1	-6.4	-9.7	-12.4	-8.0											9.6
AEO85	-2.8	-19.5	-20.0	-25.2	-25.6	-20.1	-6.0	-4.0	-6.3	-8.2	-1.9						
AEO86		-5.3	-9.0	-17.1	-17.8	-9.8	6.9	8.1	2.1	-1.1	3.9	-0.4	-4.6	-7.4	-3.4	-6.3	
AEO87			-1.7	-8.3	-5.4	1.7	17.9	20.2	14.3	11.1	13.8						-3.9
AEO89				-4.7	-5.0	4.6	20.1	22.9	15.9	12.3	17.6	12.9	5.2	-0.1	1.1	-2.1	
AEO90					0.0	6.3											-4.5
AEO91						1.7	9.4	5.8	-1.8	-4.1	2.7	0.8	-0.8	-1.5	1.6	0.9	0.9
AEO92							3.5	6.9	3.4	1.4	8.4	3.5	-1.1	-4.5	-4.1	-5.9	-6.7
AEO93								4.5	5.1	5.5	14.8	10.4	8.3	5.4	6.3	3.4	1.7
AEO94									5.5	8.9	16.7	12.9	9.4	4.9	7.3	5.0	3.0
AEO95										0.5	9.6	5.8	4.4	1.3	3.4	0.4	-1.5
AEO96											4.6	0.1	-3.7	-4.6	-2.7	-3.3	-4.3
AEO97												-0.1	-2.9	-1.8	1.3	0.6	-0.1
AEO98													-1.2	-4.8	1.0	-2.4	-2.6
AEO99														-5.1	-4.9	2.2	1.1
AEO2000															-0.5	1.2	1.5
AEO2001															-2.4	0.4	
AEO2002																-17.3	
AEO2003																	
Average Absolute Percent Error (Across AEOs)	28.1	13.6	10.1	11.5	11.8	7.8	10.6	10.3	6.8	5.9	10.1	5.2	4.2	3.8	3.1	2.8	3.4

**Table 10. Net Petroleum Imports, Actual vs. Forecasts**

2002

AEO82	
AEO83	
AEO84	
AEO85	
AEO86	
AEO87	
AEO89	
AEO90	
AEO91	11.44
AEO92	10.35
AEO93	11.31
AEO94	11.54
AEO95	10.96
AEO96	10.66
AEO97	11.19
AEO98	11.10
AEO99	11.38
AEO2000	11.47
AEO2001	11.04
AEO2002	9.55
AEO2003	9.00

Actual	10.4
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Average Absolute Error (Across AEOs)	0.81
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2002

AEO82	
AEO83	
AEO84	
AEO85	
AEO86	
AEO87	
AEO89	
AEO90	
AEO91	10.2
AEO92	-0.3
AEO93	9.0
AEO94	11.2
AEO95	5.6
AEO96	2.7
AEO97	7.8
AEO98	7.0
AEO99	9.6
AEO2000	10.5
AEO2001	6.3
AEO2002	-8.0
AEO2003	-13.3

Average Absolute Percent Error (Across AEOs)	7.8
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**Table 10. Net Petroleum Imports, Actual vs. Forecasts**

Absolute Forecasting Errors as Compared to Actual Historical Figures																	
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
AEO82	3.29	2.01	1.21	0.23	0.54	0.07											
AEO83	0.86	0.00	0.18	0.80	1.48	1.21											0.93
AEO84	0.56	0.33	0.38	0.64	0.89	0.57											0.76
AEO85	0.12	1.06	1.18	1.66	1.84	1.44	0.40	0.28	0.48	0.66	0.15						
AEO86		0.29	0.53	1.13	1.28	0.70	0.46	0.56	0.16	0.09	0.31	0.03	0.42	0.72	0.34	0.66	
AEO87			0.10	0.55	0.39	0.12	1.19	1.40	1.09	0.89	1.09						
AEO89				0.31	0.36	0.33	1.33	1.59	1.21	0.99	1.39	1.10	0.48	0.01	0.11	0.22	
AEO90					0.00	0.45											1.24
AEO91						0.12	0.62	0.40	0.14	0.33	0.21	0.07	0.07	0.15	0.16	0.09	0.10
AEO92							0.23	0.48	0.26	0.11	0.66	0.30	0.10	0.44	0.41	0.62	0.73
AEO93								0.31	0.39	0.44	1.17	0.88	0.76	0.53	0.62	0.35	0.19
AEO94									0.42	0.72	1.32	1.10	0.86	0.48	0.72	0.52	0.33
AEO95										0.04	0.76	0.49	0.40	0.13	0.34	0.04	0.16
AEO96											0.36	0.01	0.34	0.45	0.27	0.34	0.47
AEO97												0.01	0.27	0.18	0.13	0.06	0.01
AEO98													0.11	0.47	0.10	0.25	0.28
AEO99														0.50	0.48	0.23	0.12
AEO2000															0.05	0.12	0.16
AEO2001																0.25	0.05
AEO2002																	1.88
AEO2003																	

Actual

Average  
Absolute  
Error  
(Across  
AEOs)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
(absolute percent error)																	
AEO82	76.7	36.9	20.5	3.5	7.5	1.0											
AEO83	20.0	0.0	3.0	12.1	20.6	16.9											11.8
AEO84	13.1	6.1	6.4	9.7	12.4	8.0											9.6
AEO85	2.8	19.5	20.0	25.2	25.6	20.1	6.0	4.0	6.3	8.2	1.9						
AEO86		5.3	9.0	17.1	17.8	9.8	6.9	8.1	2.1	1.1	3.9	0.4	4.6	7.4	3.4	6.3	
AEO87			1.7	8.3	5.4	1.7	17.9	20.2	14.3	11.1	13.8						
AEO89				4.7	5.0	4.6	20.1	22.9	15.9	12.3	17.6	12.9	5.2	0.1	1.1	2.1	
AEO90					0.0	6.3											15.7
AEO91						1.7	9.4	5.8	1.8	4.1	2.7	0.8	0.8	1.5	1.6	0.9	0.9
AEO92							3.5	6.9	3.4	1.4	8.4	3.5	1.1	4.5	4.1	5.9	6.7
AEO93								4.5	5.1	5.5	14.8	10.4	8.3	5.4	6.3	3.4	1.7
AEO94									5.5	8.9	16.7	12.9	9.4	4.9	7.3	5.0	3.0
AEO95										0.5	9.6	5.8	4.4	1.3	3.4	0.4	1.5
AEO96											4.6	0.1	3.7	4.6	2.7	3.3	4.3
AEO97												0.1	2.9	1.8	1.3	0.6	0.1
AEO98													1.2	4.8	1.0	2.4	2.6
AEO99														5.1	4.9	2.2	1.1
AEO2000															0.5	1.2	1.5
AEO2001																2.4	0.4
AEO2002																	17.3
AEO2003																	

Average  
Absolute  
Percent  
Error  
(Across  
AEOs)

**Table 10. Net Petroleum Imports, Actual vs. Forecasts**

	2002	
	Average	Absolute
	Error	(Across
	(Across	Years)
AEO82	1.23	
AEO83	0.78	
AEO84	0.59	
AEO85	0.84	
AEO86	0.51	
AEO87	0.76	
AEO89	0.73	
AEO90	0.56	
AEO91	1.06	0.27
AEO92	0.03	0.36
AEO93	0.93	0.60
AEO94	1.16	0.76
AEO95	0.58	0.33
AEO96	0.28	0.32
AEO97	0.81	0.21
AEO98	0.72	0.32
AEO99	1.00	0.47
AEO2000	1.09	0.36
AEO2001	0.66	0.32
AEO2002	0.83	1.36
AEO2003	1.38	1.38
Actual		
Average		
Absolute		
Error		
(Across		
AEOS)	0.57	

	2002	Average	Absolute
AEO82		24.3	
AEO83		12.1	
AEO84		9.3	
AEO85		12.7	
AEO86		6.9	
AEO87		10.5	
AEO89		9.6	
AEO90		7.3	
AEO91	10.2	3.2	
AEO92	0.3	4.1	
AEO93	9.0	6.8	
AEO94	11.2	8.5	
AEO95	5.6	3.6	
AEO96	2.7	3.3	
AEO97	7.8	2.1	
AEO98	7.0	3.2	
AEO99	9.6	4.6	
AEO2000	10.5	3.4	
AEO2001	6.3	3.1	
AEO2002	8.0	12.6	
AEO2003	13.3	13.3	
Average			
Absolute			
Percent			
Error			
(Across			
AEOS)	7.5		