

**Table 16. Total Energy Consumption, Projected vs. Actual**

Projected (quadrillion Btu)																							
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
AEO 1994	88.0	89.5	90.7	91.7	92.7	93.6	94.6	95.7	96.7	97.7	98.9	99.9	100.7	101.6	102.4	103.3	103.9	104.7					
AEO 1995		89.2	90.0	90.6	91.9	93.0	93.8	94.6	95.3	96.2	97.2	98.3	99.3	100.2	100.9	101.8	102.5	103.4					
AEO 1996			90.6	91.3	92.5	93.5	94.3	95.1	95.9	96.9	98.0	99.1	100.3	101.3	101.8	102.8	103.4	104.2	105.0	106.0	106.8	107.2	107.7
AEO 1997				92.6	93.6	95.1	96.6	97.9	98.8	99.9	101.2	102.3	103.3	104.6	105.5	106.3	106.8	107.4	108.1	108.9	109.6	110.1	110.5
AEO 1998					94.7	96.7	98.6	99.8	101.3	102.4	103.4	104.4	105.7	107.2	108.3	109.5	110.7	111.7	112.6	113.6	114.3	114.8	115.4
AEO 1999					94.6	97.0	99.2	100.9	102.0	102.8	103.5	104.6	105.8	106.9	108.1	109.3	110.3	111.3	112.2	113.3	114.2	114.8	115.2
AEO 2000							96.4	98.1	99.4	100.9	102.4	103.7	105.2	106.5	107.6	108.8	109.8	110.8	111.6	112.7	113.9	115.1	116.3
AEO 2001								97.6	99.9	102.2	104.1	105.6	107.0	108.4	109.8	111.1	112.3	113.6	114.8	116.1	117.6	118.9	120.4
AEO 2002									98.3	101.0	104.0	105.8	107.5	109.2	110.5	111.9	113.4	115.1	117.0	118.6	120.4	121.8	123.3
AEO 2003										97.5	99.9	101.6	103.1	105.0	107.0	108.9	110.7	112.8	114.7	116.6	118.4	120.0	121.5
AEO 2004											98.1	100.1	102.7	104.8	106.5	108.2	109.5	111.3	113.0	114.7	116.6	118.0	119.4
AEO 2005												99.8	101.8	103.5	105.3	107.5	109.3	110.8	112.3	113.8	115.2	116.7	117.9
AEO 2006													100.4	101.2	103.1	104.6	105.9	107.4	108.6	110.1	111.4	112.5	113.8
AEO 2007														100.6	102.1	103.4	104.6	106.0	107.2	108.4	109.7	110.9	111.9
AEO 2008															101.1	102.0	101.8	102.8	104.1	105.0	105.4	106.1	106.9
AEO 2009																100.2	97.6	98.6	100.0	101.1	101.8	101.8	101.7
AEO 2010																	95.2	96.1	98.0	99.5	100.2	100.9	101.2
AEO 2011																		97.3	97.8	98.9	100.4	100.7	101.7
AEO 2012																			97.8	97.4	96.3	96.8	97.1
AEO 2013																				95.5	95.9	96.2	97.4
AEO 2014																					96.1	96.3	97.4
AEO 2015																						98.5	97.8
AEO 2016																							96.7
Actual	87.4	89.1	91.0	94.0	94.6	95.0	96.7	98.8	96.2	97.6	97.9	100.1	100.2	99.5	101.0	98.9	94.1	97.5	96.9	94.5	97.2	98.5	97.5
Average Absolute Difference	0.7	0.3	0.6	2.5	1.5	1.2	1.4	1.9	2.6	2.5	3.1	2.5	3.1	4.8	4.3	7.2	12.1	9.6	11.0	13.8	11.7	11.0	11.7

**Projected vs. Actual**  
(percent difference)

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
AEO 1994	0.7	0.5	-0.3	-2.4	-2.0	-1.5	-2.2	-3.1	0.5	0.0	1.0	-0.1	0.5	2.1	1.4	4.4	10.3	7.4					
AEO 1995		0.1	-1.2	-3.7	-2.8	-2.1	-2.9	-4.3	-0.9	-1.5	-0.8	-1.8	-0.9	0.7	-0.1	2.9	8.9	6.1					
AEO 1996			-0.5	-2.9	-2.2	-1.6	-2.5	-3.8	-0.2	-0.7	0.0	-0.9	0.1	1.8	0.8	3.9	9.8	6.9	8.3	12.1	9.9	8.9	10.4
AEO 1997				-1.5	-1.1	0.1	-0.1	-1.0	2.7	2.3	3.3	2.3	3.1	5.1	4.5	7.4	13.4	10.2	11.5	15.2	12.7	11.9	13.3
AEO 1998					0.1	1.8	2.0	1.0	5.3	4.9	5.6	4.3	5.5	7.7	7.2	10.7	17.5	14.6	16.2	20.2	17.6	16.6	18.3
AEO 1999						-0.4	0.3	0.4	4.9	4.5	5.0	3.4	4.4	6.4	5.8	9.3	16.1	13.2	14.8	18.8	16.5	16.0	18.1
AEO 2000							-0.3	-0.7	3.3	3.3	4.6	3.6	5.0	7.1	6.6	10.0	16.6	13.6	15.2	19.3	17.2	16.9	19.2
AEO 2001								-1.2	3.9	4.7	6.3	5.5	6.7	8.9	8.7	12.3	19.3	16.6	18.5	22.8	20.9	20.8	23.4
AEO 2002									2.2	3.5	6.2	5.7	7.3	9.7	9.4	13.1	20.5	18.1	20.8	25.6	23.8	23.7	26.4
AEO 2003										-0.1	2.0	1.5	2.9	5.5	5.9	10.1	17.6	15.7	18.4	23.4	21.7	21.9	24.6
AEO 2004											0.1	0.1	2.5	5.3	5.4	9.4	16.3	14.2	16.6	21.4	19.9	19.8	22.4
AEO 2005												-0.3	1.6	4.0	4.2	8.7	16.1	13.6	15.9	20.4	18.5	18.6	20.9
AEO 2006													0.2	1.7	2.0	5.7	12.5	10.1	12.1	16.5	14.5	14.3	16.7
AEO 2007														1.1	1.1	4.5	11.2	8.7	10.6	14.8	12.8	12.6	14.8
AEO 2008															0.1	3.1	8.1	5.5	7.4	11.1	8.4	7.8	9.6
AEO 2009																1.3	3.7	1.1	3.2	7.0	4.7	3.4	4.3
AEO 2010																	1.1	-1.4	1.2	5.4	3.1	2.5	3.8
AEO 2011																		-0.2	0.9	4.7	3.3	2.3	4.2
AEO 2012																			1.0	3.1	-1.0	-1.6	-0.5
AEO 2013																				1.1	-1.4	-2.3	-0.2
AEO 2014																					-1.1	-2.2	-0.2
AEO 2015																						0.0	0.3
AEO 2016																							-0.8
Average Absolute Percent Difference	0.7	0.3	0.7	2.6	1.6	1.3	1.5	1.9	2.7	2.5	3.2	2.5	3.1	4.8	4.2	7.3	12.9	9.8	11.3	14.6	12.1	11.2	12.0

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

Historical Data: U.S. Energy Information Administration open data API (<http://www.eia.gov/opendata/>) (Washington, DC). Retrieved June 15, 2016. Series: TOTAL.TETCBUS.A. Shading indicates overestimation (blue) or underestimation (green).