

Table 7. Petroleum Net Imports, Projected vs. Actual

Projected

(million barrels)

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
AEO 1994	2,935	3,201	3,362	3,504	3,657	3,738	3,880	3,993	4,099	4,212	4,303	4,398	4,475	4,541	4,584	4,639	4,668	4,672									
AEO 1995	2,953	3,157	3,281	3,489	3,610	3,741	3,818	3,920	4,000	4,103	4,208	4,303	4,362	4,420	4,442	4,460	4,460										
AEO 1996		3,011	3,106	3,219	3,398	3,519	3,679	3,807	3,891	3,979	4,070	4,165	4,212	4,260	4,289	4,303	4,322	4,325	4,347	4,344	4,318	4,303					
AEO 1997			3,099	3,245	3,497	3,665	3,825	3,975	4,084	4,190	4,285	4,380	4,464	4,552	4,617	4,654	4,709	4,760	4,803	4,844	4,865	4,913					
AEO 1998				3,303	3,391	3,654	3,713	3,876	4,053	4,137	4,298	4,415	4,556	4,639	4,750	4,910	4,992	5,087	5,221	5,240	5,347	5,445	5,508	5,588	5,677	5,756	
AEO 1999					3,380	3,442	3,888	4,022	4,153	4,238	4,336	4,441	4,545	4,652	4,780	4,888	4,999	5,073	5,144	5,215	5,294	5,387	5,460	5,550	5,639	5,732	
AEO 2000						3,599	3,847	4,036	4,187	4,320	4,465	4,579	4,690	4,780	4,882	4,968	5,055	5,113	5,192	5,276	5,373	5,460	5,516	5,581	5,664	5,752	
AEO 2001							3,711	3,996	4,028	4,114	4,290	4,435	4,607	4,747	4,858	4,974	5,083	5,198	5,276	5,369	5,477	5,562	5,637	5,719	5,806	5,916	
AEO 2002								3,850	3,992	4,191	4,395	4,561	4,653	4,749	4,903	5,068	5,211	5,360	5,468	5,521	5,562	5,586	5,628	5,695	5,810	5,972	
AEO 2003									3,778	4,052	4,056	4,196	4,187	4,337	4,534	4,766	5,024	5,228	5,419	5,612	5,782	5,912	6,036	6,159	6,264	6,357	
AEO 2004										4,012	4,164	4,207	4,331	4,398	4,521	4,641	4,806	4,989	5,181	5,362	5,528	5,665	5,824	5,982	6,075	6,213	
AEO 2005											4,255	4,346	4,306	4,420	4,555	4,693	4,881	5,038	5,173	5,317	5,463	5,621	5,766	5,879	5,996	6,125	
AEO 2006												4,545	4,537	4,366	4,397	4,415	4,502	4,577	4,643	4,688	4,760	4,830	4,878	4,989	5,098	5,199	
AEO 2007													4,553	4,295	4,224	4,229	4,304	4,348	4,403	4,513	4,539	4,569	4,641	4,711	4,785	4,858	
AEO 2008														4,416	4,556	4,220	4,158	4,187	4,222	4,220	4,217	4,186	4,185	4,165	4,138	4,147	
AEO 2009															4,037	3,628	3,688	3,732	3,755	3,763	3,751	3,710	3,684	3,632	3,554	3,516	
AEO 2010																3,659	3,659	3,783	3,839	3,766	3,729	3,708	3,703	3,670	3,622	3,573	
AEO 2011																	3,478	3,506	3,695	3,705	3,649	3,617	3,564	3,494	3,463	3,427	
AEO 2012																		3,136	3,215	3,109	3,093	3,020	2,862	2,790	2,698	2,629	
AEO 2013																			2,775	2,642	2,507	2,550	2,482	2,480	2,472	2,461	
AEO 2014																				2,324	1,973	1,919	1,782	1,804	1,810	1,802	
AEO 2015																					1,854	1,559	1,433	1,168	1,069	995	
AEO 2016																						1,692	1,698	1,773	1,508	1,441	
AEO 2017																							1,764	1,734	1,495	1,285	
AEO 2018																								1,535	1,306	1,078	
AEO 2019																										36,462	36,827
AEO 2020																											197
Actual	2,780	2,940	2,878	3,110	3,343	3,564	3,618	3,813	3,979	3,849	4,102	4,427	4,580	4,523	4,393	4,068	3,528	3,446	3,084	2,706	2,277	1,849	1,697	1,755	1,362	855	244
Average Absolute Difference	154	137	298	145	144	135	109	80	78	203	95	165	192	127	156	498	1,010	1,110	1,471	1,837	2,188	2,505	2,564	2,386	2,661	4,619	5,032

Table 7. Petroleum Net Imports, Projected vs. Actual (continued)

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	2016	2017	2018	2019	
AEO 1994		5.5	8.9	16.8	12.7	9.4	4.9	7.2	4.7	3.0	9.4	4.9	-0.7	-2.3	0.4	4.4	14.1	32.3	35.6									
AEO 1995		0.4	9.7	5.5	4.4	1.3	3.4	0.1	-1.5	3.9	0.0	-4.9	-6.0	-3.6	0.6	9.2	26.4	29.4										
AEO 1996			4.6	-0.1	-3.7	-4.6	-2.7	-3.5	-4.3	1.1	-3.0	-8.1	-9.1	-6.9	-3.0	5.4	22.0	25.4	40.2	60.7	90.8	133.6	153.5					
AEO 1997				-0.4	-2.9	-1.9	1.3	0.3	-0.1	6.1	2.2	-3.2	-4.4	-1.3	3.6	13.5	31.9	36.6	54.3	77.5	112.7	163.2	189.4					
AEO 1998					-1.2	-4.9	1.0	-2.6	-2.6	5.3	0.9	-2.9	-3.6	0.7	5.6	16.8	39.1	44.9	64.9	93.0	130.2	189.2	220.8	213.8	310.3	564.3	2254.2	
AEO 1999						-5.2	-4.9	2.0	1.1	7.9	3.3	-2.1	-3.0	0.5	5.9	17.5	38.5	45.1	64.5	90.1	129.0	186.3	217.4	211.1	307.4	559.8	2244.3	
AEO 2000							-0.5	0.9	1.5	8.8	5.3	0.9	0.0	3.7	8.8	20.0	40.8	46.7	65.8	91.9	131.7	190.6	221.7	214.3	309.7	562.8	2252.5	
AEO 2001								-2.7	0.4	4.6	0.3	-3.1	-3.2	1.9	8.1	19.4	41.0	47.5	68.5	95.0	135.8	196.2	227.6	221.2	319.9	579.4	2319.7	
AEO 2002									-3.2	3.7	2.2	-0.7	-0.4	2.9	8.1	20.5	43.6	51.2	73.8	102.1	142.5	200.8	229.1	220.7	318.1	579.9	2342.4	
AEO 2003										-1.9	-1.2	-8.4	-8.4	-7.4	-1.3	11.5	35.1	45.8	69.5	100.3	146.5	212.7	248.3	243.9	352.2	632.9	2500.1	
AEO 2004											-2.2	-6.0	-8.1	-4.2	0.1	11.1	31.5	39.5	61.7	91.5	135.5	199.0	233.7	231.9	339.2	610.8	2441.2	
AEO 2005												-3.9	-5.1	-4.8	0.6	12.0	33.0	41.6	63.3	91.2	133.5	195.5	231.1	228.6	331.6	601.6	2405.3	
AEO 2006													-0.8	0.3	-0.6	8.1	25.1	30.7	48.4	71.6	105.9	157.5	184.6	178.0	266.3	496.5	2026.2	
AEO 2007														0.7	-2.2	3.9	19.9	24.9	41.0	62.7	88.2	145.5	169.2	164.5	245.8	459.9	1886.9	
AEO 2008															0.5	12.0	19.6	20.7	35.8	56.0	85.4	128.1	146.6	138.5	205.8	384.2	1596.2	
AEO 2009																-0.7	2.8	7.0	21.0	38.8	65.3	102.9	118.5	109.9	166.6	315.8	1338.1	
AEO 2010																	3.7	6.2	22.7	41.9	65.4	101.7	118.4	111.0	169.4	323.8	1361.5	
AEO 2011																		0.9	13.7	36.6	62.7	97.4	113.1	103.1	156.5	305.2	1301.5	
AEO 2012																			1.7	18.8	36.6	67.3	77.9	63.1	104.8	215.7	975.3	
AEO 2013																				2.6	16.0	35.6	50.2	41.4	82.1	189.3	906.4	
AEO 2014																					2.1	6.7	13.0	1.5	32.4	111.8	637.0	
AEO 2015																						0.3	-8.2	-18.3	-14.2	25.1	307.0	
AEO 2016																							-0.3	-3.2	30.2	76.5	489.3	
AEO 2017																								0.5	27.3	74.9	425.4	
AEO 2018																									12.7	52.8	340.9	
AEO 2019																											4166.7	14962.6
AEO 2020																												-19.4
Average Absolute Percent Difference		5.5	4.7	10.4	4.7	4.3	3.8	3.0	2.1	2.0	5.3	2.3	3.7	4.2	2.8	3.6	12.2	28.6	32.2	47.7	67.9	96.1	135.5	151.1	135.9	195.4	540.4	2058.0

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 September 24, 2020. Series: TOTAL.PATCPUS.A. Shading indicates overestimation (blue) or underestimation (green).