

Table 5. Total Petroleum Consumption, 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	6,450	6,566	6,643	6,723	6,811	6,880	6,957	7,059	7,125	7,205	7,296	7,377	7,446	7,523	7,596	7,665	7,712	7,775										
AEO 1995		6,398	6,544	6,555	6,676	6,745	6,822	6,888	6,964	7,048	7,147	7,245	7,337	7,406	7,472	7,537	7,581	7,621										
AEO 1996			6,490	6,526	6,607	6,709	6,782	6,855	6,942	7,008	7,085	7,176	7,260	7,329	7,384	7,450	7,501	7,545	7,581	7,632	7,676	7,705	7,731					
AEO 1997				6,636	6,694	6,826	6,953	7,074	7,183	7,267	7,369	7,461	7,548	7,643	7,731	7,793	7,833	7,884	7,924	7,961	8,004	8,034	8,074					
AEO 1998					6,895	6,906	7,066	7,161	7,278	7,400	7,488	7,597	7,719	7,859	7,959	8,074	8,190	8,286	8,361	8,455	8,503	8,564	8,634	8,689	8,741	8,801	8,859	
AEO 1999						6,884	7,007	7,269	7,383	7,472	7,539	7,620	7,725	7,841	7,949	8,069	8,174	8,283	8,351	8,422	8,485	8,564	8,652	8,715	8,786	8,865	8,932	
AEO 2000							7,056	7,141	7,266	7,363	7,452	7,578	7,694	7,815	7,926	8,028	8,113	8,217	8,288	8,381	8,482	8,600	8,713	8,795	8,880	8,968	9,060	
AEO 2001								7,119	7,314	7,431	7,528	7,634	7,740	7,853	7,963	8,074	8,179	8,285	8,385	8,482	8,603	8,730	8,856	8,976	9,089	9,200	9,311	
AEO 2002									7,170	7,243	7,485	7,628	7,765	7,879	8,013	8,155	8,311	8,472	8,646	8,779	8,919	9,042	9,150	9,264	9,370	9,490	9,622	
AEO 2003										7,143	7,237	7,364	7,477	7,634	7,812	7,998	8,186	8,390	8,575	8,755	8,920	9,076	9,207	9,343	9,479	9,615	9,768	
AEO 2004											7,259	7,359	7,608	7,772	7,916	8,063	8,168	8,290	8,433	8,602	8,773	8,920	9,052	9,170	9,292	9,408	9,521	
AEO 2005												7,484	7,630	7,775	7,928	8,097	8,268	8,389	8,510	8,625	8,738	8,881	9,003	9,104	9,226	9,360	9,491	
AEO 2006													7,601	7,723	7,742	7,842	7,956	8,094	8,220	8,329	8,420	8,511	8,589	8,684	8,782	8,885	8,976	
AEO 2007														7,546	7,644	7,721	7,805	7,880	7,991	8,077	8,177	8,250	8,342	8,438	8,502	8,591	8,686	
AEO 2008															7,540	7,628	7,558	7,660	7,737	7,796	7,833	7,868	7,914	7,955	7,975	7,989	8,006	
AEO 2009																7,071	6,851	7,229	7,333	7,380	7,400	7,362	7,308	7,278	7,257	7,257	7,281	
AEO 2010																	6,830	7,026	7,214	7,312	7,336	7,349	7,366	7,386	7,414	7,425	7,470	
AEO 2011																		6,926	6,973	7,293	7,402	7,427	7,461	7,493	7,512	7,517	7,524	
AEO 2012																			6,909	6,951	6,881	6,948	6,971	6,978	6,967	6,950	6,944	
AEO 2013																				6,806	6,850	6,988	7,104	7,158	7,191	7,218	7,243	
AEO 2014																					6,803	6,826	6,996	7,069	7,113	7,131	7,134	
AEO 2015																						6,935	7,031	7,068	7,050	7,114	7,148	
AEO 2016																							7,088	7,114	7,210	7,254	7,321	
AEO 2017																								7,151	7,231	7,323	7,370	
AEO 2018																									7,260	7,419	7,440	
AEO 2019																										7,445	7,535	
AEO 2020																											7,425	
Actual	6,291	6,467	6,469	6,701	6,796	6,905	7,125	7,211	7,172	7,213	7,312	7,588	7,593	7,551	7,548	7,136	6,852	7,001	6,892	6,767	6,921	6,974	7,079	7,206	7,255	7,487	7,498	
Average Absolute Difference	158	84	90	102	105	80	176	154	117	135	139	149	126	192	257	701	987	910	1,075	1,235	1,114	1,077	1,003	955	929	872	870	

Table 5. Total Petroleum Consumption, 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		2.5	1.5	2.7	0.3	0.2	-0.4	-2.4	-2.1	-0.7	-0.1	-0.2	-2.8	-1.9	-0.4	0.6	7.4	12.6	11.1										
AEO 1995			-1.1	1.2	-2.2	-1.8	-2.3	-4.2	-4.5	-2.9	-2.3	-2.3	-4.5	-3.4	-1.9	-1.0	5.6	10.6	8.9										
AEO 1996				0.3	-2.6	-2.8	-2.8	-4.8	-4.9	-3.2	-2.8	-3.1	-5.4	-4.4	-2.9	-2.2	4.4	9.5	7.8	10.0	12.8	10.9	10.5	9.2					
AEO 1997					-1.0	-1.5	-1.1	-2.4	-1.9	0.2	0.8	0.8	-1.7	-0.6	1.2	2.4	9.2	14.3	12.6	15.0	17.6	15.7	15.2	14.0					
AEO 1998						1.4	0.0	-0.8	-0.7	1.5	2.6	2.4	0.1	1.7	4.1	5.4	13.1	19.5	18.4	21.3	24.9	22.9	22.8	22.0	20.6	20.5	17.6	18.1	
AEO 1999							-0.3	-1.6	0.8	2.9	3.6	3.1	0.4	1.7	3.8	5.3	13.1	19.3	18.3	21.2	24.5	22.6	22.8	22.2	21.0	21.1	18.4	19.1	
AEO 2000								-1.0	-1.0	1.3	2.1	1.9	-0.1	1.3	3.5	5.0	12.5	18.4	17.4	20.3	23.8	22.6	23.3	23.1	22.1	22.4	19.8	20.8	
AEO 2001									-1.3	2.0	3.0	2.9	0.6	1.9	4.0	5.5	13.1	19.4	18.3	21.7	25.3	24.3	25.2	25.1	24.6	25.3	22.9	24.2	
AEO 2002										0.0	0.4	2.4	0.5	2.3	4.4	6.2	14.3	21.3	21.0	25.4	29.7	28.9	29.7	29.2	28.6	29.1	26.8	28.3	
AEO 2003											-1.0	-1.0	-2.9	-1.5	1.1	3.5	12.1	19.5	19.8	24.4	29.4	28.9	30.2	30.1	29.7	30.6	28.4	30.3	
AEO 2004												-0.7	-3.0	0.2	2.9	4.9	13.0	19.2	18.4	22.4	27.1	26.8	27.9	27.9	27.3	28.1	25.7	27.0	
AEO 2005													-1.4	0.5	3.0	5.0	13.5	20.7	19.8	23.5	27.5	26.3	27.4	27.2	26.3	27.2	25.0	26.6	
AEO 2006														0.1	2.3	2.6	9.9	16.1	15.6	19.3	23.1	21.7	22.0	21.3	20.5	21.0	18.7	19.7	
AEO 2007															-0.1	1.3	8.2	13.9	12.6	15.9	19.4	18.2	18.3	17.8	17.1	17.2	14.7	15.8	
AEO 2008																-0.1	6.9	10.3	9.4	12.3	15.2	13.2	12.8	11.8	10.4	9.9	6.7	6.8	
AEO 2009																	-0.9	0.0	3.3	6.4	9.0	6.9	5.6	3.2	1.0	0.0	-3.1	-2.9	
AEO 2010																		-0.3	0.4	4.7	8.0	6.0	5.4	4.1	2.5	2.2	-0.8	-0.4	
AEO 2011																			-1.1	1.2	7.8	6.9	6.5	5.4	4.0	3.5	0.4	0.3	
AEO 2012																				0.3	2.7	-0.6	-0.4	-1.5	-3.2	-4.0	-7.2	-7.4	
AEO 2013																					0.6	-1.0	0.2	0.3	-0.7	-0.9	-3.6	-3.4	
AEO 2014																							-1.7	-2.1	-1.2	-1.9	-2.0	-4.8	-4.9
AEO 2015																								-0.5	-0.7	-1.9	-2.8	-5.0	-4.7
AEO 2016																									0.1	-1.3	-0.6	-3.1	-2.4
AEO 2017																										-0.8	-0.3	-2.2	-1.7
AEO 2018																										0.1	-0.9	-0.8	
AEO 2019																											-0.6	0.5	
AEO 2020																												-1.0	
Average Absolute Percent Difference		2.5	1.3	1.4	1.5	1.5	1.2	2.5	2.1	1.6	1.9	1.9	2.0	1.7	2.5	3.4	9.8	14.4	13.0	15.6	18.2	16.1	15.4	14.2	12.1	12.8	11.6	11.6	

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).