

**Table 5. Total petroleum and other liquids consumption, projected versus actual**

Projected (million barrels)	Projected																																
	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	2020	2021				
AEO1994	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															
AEO1995		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															
AEO1996			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										
AEO1997				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										
AEO1998					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	8,901					
AEO1999						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	9,000					
AEO2000							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	9,161					
AEO2001								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	9,428					
AEO2002									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	9,731					
AEO2003										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	9,902	10,034				
AEO2004											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	9,640	9,774				
AEO2005												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	9,606	9,715				
AEO2006													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	9,057	9,141				
AEO2007														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	8,769	8,871				
AEO2008															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	8,017	8,042				
AEO2009																7,071	6,851	7,229	7,333	7,380	7,400	7,362	7,308	7,278	7,257	7,257	7,281	7,317	7,329				
AEO2010																		6,830	7,026	7,214	7,312	7,336	7,349	7,366	7,386	7,414	7,425	7,470	7,506	7,533			
AEO2011																			6,926	6,973	7,293	7,402	7,427	7,461	7,493	7,512	7,517	7,524	7,547	7,565			
AEO2012																				6,909	6,951	6,881	6,948	6,971	6,978	6,967	6,950	6,944	6,942	6,947			
AEO2013																					6,806	6,850	6,988	7,104	7,158	7,191	7,218	7,243	7,240	7,221			
AEO2014																						6,803	6,826	6,996	7,069	7,113	7,131	7,134	7,128	7,113			
AEO2015																							6,935	7,031	7,068	7,050	7,114	7,148	7,171	7,170			
AEO2016																								7,088	7,114	7,210	7,254	7,321	7,340	7,332			
AEO2017																									7,151	7,231	7,323	7,370	7,351	7,347			
AEO2018																										7,260	7,419	7,440	7,392	7,360			
AEO2019																												7,445	7,535	7,450	7,424		
AEO2020																													7,425	7,546	7,471		
AEO2021																														6,590	7,258		
AEO2022																															7,059		
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	6,656	7,220				
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	1,505	724				

**Table 5. Total petroleum and other liquids consumption, projected versus actual (continued)**

Projected versus actual  
(percentage 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	2020	2021	
AEO1994	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												
AEO1995		-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												
AEO1996			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							
AEO1997				-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							
AEO1998					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	33.7		
AEO1999						-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	35.2		
AEO2000							-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	37.6		
AEO2001								-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	41.7		
AEO2002									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	28.8	28.3	46.2		
AEO2003										-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	48.8	39.0	
AEO2004											-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	44.8	35.4	
AEO2005												-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	44.3	34.6	
AEO2006														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	36.1	26.6
AEO2007															-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	31.7	22.9
AEO2008																-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	20.4	11.4
AEO2009																	-0.9	0.0	3.3	6.4	9.0	6.9	5.6	3.2	1.0	0.0	-3.1	-2.9	9.9	1.5
AEO2010																		-0.3	0.4	4.7	8.0	6.0	5.4	4.1	2.5	2.2	-0.8	-0.4	12.8	4.3
AEO2011																			-1.1	1.2	7.8	6.9	6.5	5.4	4.0	3.5	0.4	0.3	13.4	4.8
AEO2012																			0.3	2.7	-0.6	-0.4	-1.5	-3.2	-4.0	-7.2	-7.4	4.3	-3.8	
AEO2013																				0.6	-1.0	0.2	0.3	-0.7	-0.9	-3.6	-3.4	8.8	0.0	
AEO2014																					-1.7	-2.1	-1.2	-1.9	-2.0	-4.8	-4.9	7.1	-1.5	
AEO2015																						-0.5	-0.7	-1.9	-2.8	-5.0	-4.7	7.7	-0.7	
AEO2016																							0.1	-1.3	-0.6	-3.1	-2.4	10.3	1.5	
AEO2017																								-0.8	-0.3	-2.2	-1.7	10.4	1.8	
AEO2018																										0.1	-0.9	-0.8	11.0	1.9
AEO2019																											-0.6	0.5	11.9	2.8
AEO2020																												-1.0	13.4	3.5
AEO2021																													-1.0	0.5
AEO2022																														-2.2

Average absolute percentage 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	22.6	10.0
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Data source: Historical data are from the U.S. Energy Information Administration open data API (accessed April 2022), <http://www.eia.gov/opendata/>, series: TOTAL.PATCPUS.A; projections: Annual Energy Outlook, Reference case projections from various editions

Notes: shading indicates overestimation (blue) or underestimation (green).