

Table 6. Domestic Crude Oil Production, 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	2,508	2,373	2,256	2,161	2,088	2,022	1,953	1,891	1,851	1,825	1,799	1,781	1,767	1,759	1,778	1,789	1,807	1,862									
AEO 1995		2,402	2,307	2,205	2,095	2,037	1,967	1,953	1,924	1,916	1,905	1,894	1,883	1,887	1,887	1,920	1,945	1,967									
AEO 1996			2,387	2,310	2,248	2,172	2,113	2,062	2,011	1,978	1,953	1,938	1,916	1,920	1,927	1,949	1,971	1,986	2,000	2,018	2,055	2,095	2,121				
AEO 1997				2,362	2,307	2,245	2,197	2,143	2,091	2,055	2,033	2,015	2,004	1,997	1,989	1,982	1,975	1,967	1,949	1,942	1,935	1,924	1,909				
AEO 1998					2,340	2,332	2,291	2,252	2,220	2,192	2,169	2,145	2,125	2,104	2,087	2,068	2,050	2,033	2,016	1,995	1,974	1,940	1,913	1,886	1,860	1,837	1,818
AEO 1999						2,340	2,309	2,296	2,265	2,207	2,171	2,141	2,122	2,114	2,092	2,074	2,057	2,040	2,025	2,010	1,992	1,971	1,947	1,924	1,901	1,879	1,847
AEO 2000							2,193	2,181	2,122	2,063	2,016	1,980	1,957	1,939	1,920	1,904	1,894	1,889	1,889	1,890	1,897	1,897	1,898	1,916	1,921	1,925	1,926
AEO 2001								2,152	2,161	2,204	2,193	2,111	2,062	1,995	1,957	1,934	1,901	1,879	1,848	1,850	1,852	1,844	1,854	1,876	1,885	1,888	1,861
AEO 2002									2,133	2,135	2,074	2,008	1,962	1,944	1,943	1,913	1,880	1,855	1,842	1,848	1,912	1,974	2,028	2,084	2,109	2,104	2,064
AEO 2003										2,149	2,121	2,065	2,038	2,193	2,210	2,170	2,119	2,054	2,020	1,990	1,949	1,922	1,915	1,921	1,926	1,941	1,985
AEO 2004											2,076	2,116	2,139	2,166	2,222	2,231	2,209	2,166	2,124	2,085	2,065	2,031	2,018	1,977	1,923	1,921	1,875
AEO 2005												2,059	2,124	2,200	2,221	2,243	2,257	2,198	2,152	2,123	2,081	2,044	2,006	1,954	1,936	1,925	1,916
AEO 2006													1,944	2,008	2,023	2,061	2,133	2,146	2,132	2,140	2,144	2,145	2,133	2,140	2,106	2,076	2,051
AEO 2007														1,861	2,001	2,058	2,074	2,068	2,086	2,104	2,079	2,123	2,158	2,168	2,168	2,165	2,166
AEO 2008															1,862	1,876	2,064	2,165	2,166	2,168	2,192	2,206	2,247	2,273	2,287	2,293	2,285
AEO 2009																1,809	1,955	2,015	2,024	2,039	2,033	2,004	1,978	1,966	1,978	2,028	2,075
AEO 2010																	1,913	1,936	1,980	1,999	2,079	2,098	2,108	2,097	2,126	2,161	2,211
AEO 2011																		2,011	1,993	1,962	2,037	2,102	2,122	2,175	2,218	2,228	2,235
AEO 2012																			2,033	2,094	2,154	2,191	2,244	2,344	2,360	2,390	2,425
AEO 2013																				2,312	2,492	2,618	2,660	2,744	2,737	2,735	2,750
AEO 2014																					2,819	3,113	3,299	3,483	3,488	3,495	3,507
AEO 2015																						3,151	3,404	3,486	3,651	3,786	3,861
AEO 2016																							3,440	3,225	3,122	3,289	3,352
AEO 2017																								3,191	3,174	3,400	3,536
AEO 2018																									3,374	3,630	3,809
AEO 2019																										3,920	4,369
AEO 2020																											4,476
Actual	2,499	2,431	2,394	2,366	2,355	2,282	2,147	2,131	2,118	2,097	2,062	1,991	1,892	1,857	1,853	1,830	1,954	1,999	2,058	2,370	2,721	3,179	3,442	3,242	3,415	4,002	4,471
Average Absolute Difference	9	44	78	107	139	127	116	107	101	105	94	92	132	163	165	176	103	86	85	338	640	1010	1185	949	1051	1501	1845

Table 6. Domestic Crude Oil Production, 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	0.3	-2.4	-5.8	-8.7	-11.3	-11.4	-9.0	-11.3	-12.6	-13.0	-12.7	-10.6	-6.6	-5.2	-4.1	-2.3	-7.5	-6.9										
AEO 1995		-1.2	-3.7	-6.8	-11.0	-10.7	-8.4	-8.4	-9.2	-8.6	-7.6	-4.9	-0.5	1.6	1.8	4.9	-0.4	-1.6										
AEO 1996			-0.3	-2.3	-4.5	-4.8	-1.6	-3.2	-5.0	-5.6	-5.3	-2.7	1.3	3.4	4.0	6.5	0.9	-0.6	-2.8	-14.8	-24.5	-34.1	-38.4					
AEO 1997				-0.2	-2.0	-1.6	2.4	0.6	-1.2	-2.0	-1.4	1.2	5.9	7.5	7.3	8.3	1.0	-1.6	-5.3	-18.1	-28.9	-39.5	-44.5					
AEO 1998					-0.6	2.2	6.7	5.7	4.8	4.5	5.2	7.7	12.3	13.3	12.6	13.0	4.9	1.7	-2.0	-15.8	-27.5	-39.0	-44.4	-41.8	-45.5	-54.1	-59.3	
AEO 1999						2.5	7.6	7.8	7.0	5.3	5.3	7.5	12.2	13.8	12.9	13.3	5.3	2.1	-1.6	-15.2	-26.8	-38.0	-43.4	-40.6	-44.3	-53.1	-58.7	
AEO 2000							2.1	2.4	0.2	-1.6	-2.3	-0.6	3.4	4.4	3.6	4.0	-3.1	-5.5	-8.2	-20.2	-30.3	-40.3	-44.9	-40.9	-43.7	-51.9	-56.9	
AEO 2001								1.0	2.1	5.1	6.4	6.0	9.0	7.4	5.6	5.6	-2.7	-6.0	-10.2	-21.9	-31.9	-42.0	-46.1	-42.1	-44.8	-52.8	-58.4	
AEO 2002									0.7	1.9	0.6	0.9	3.7	4.7	4.9	4.5	-3.8	-7.2	-10.5	-22.0	-29.7	-37.9	-41.1	-35.7	-38.2	-47.4	-53.8	
AEO 2003										2.5	2.9	3.7	7.7	18.1	19.3	18.6	8.5	2.8	-1.8	-16.1	-28.4	-39.6	-44.4	-40.7	-43.6	-51.5	-55.6	
AEO 2004											0.7	6.3	13.0	16.7	19.9	21.9	13.1	8.4	3.2	-12.0	-24.1	-36.1	-41.4	-39.0	-43.7	-52.0	-58.0	
AEO 2005												3.4	12.3	18.5	19.8	22.5	15.5	10.0	4.6	-10.4	-23.5	-35.7	-41.7	-39.7	-43.3	-51.9	-57.1	
AEO 2006													2.7	8.2	9.2	12.6	9.2	7.4	3.6	-9.7	-21.2	-32.5	-38.0	-34.0	-38.3	-48.1	-54.1	
AEO 2007														0.2	7.9	12.4	6.1	3.5	1.4	-11.2	-23.6	-33.2	-37.3	-33.1	-36.5	-45.9	-51.5	
AEO 2008															0.5	2.5	5.6	8.3	5.2	-8.5	-19.4	-30.6	-34.7	-29.9	-33.0	-42.7	-48.9	
AEO 2009																-1.2	0.0	0.8	-1.6	-14.0	-25.3	-37.0	-42.5	-39.4	-42.1	-49.3	-53.6	
AEO 2010																	-2.1	-3.1	-3.8	-15.7	-23.6	-34.0	-38.8	-35.3	-37.7	-46.0	-50.5	
AEO 2011																		0.6	-3.1	-17.2	-25.1	-33.9	-38.4	-32.9	-35.1	-44.3	-50.0	
AEO 2012																			-1.2	-11.6	-20.8	-31.1	-34.8	-27.7	-30.9	-40.3	-45.8	
AEO 2013																				-2.4	-8.4	-17.6	-22.7	-15.3	-19.8	-31.6	-38.5	
AEO 2014																					3.6	-2.1	-4.2	7.4	2.2	-12.7	-21.6	
AEO 2015																						-0.9	-1.1	7.6	6.9	-5.4	-13.6	
AEO 2016																							-0.1	-0.5	-8.6	-17.8	-25.0	
AEO 2017																								-1.6	-7.0	-15.0	-20.9	
AEO 2018																									-1.2	-9.3	-14.8	
AEO 2019																										-2.1	-2.3	
AEO 2020																												0.1
Average Absolute Percent Difference	0.3	1.8	3.2	4.5	5.9	5.6	5.4	5.0	4.8	5.0	4.6	4.6	7.0	8.8	8.9	9.6	5.3	4.3	4.1	14.3	23.5	31.8	34.4	29.3	30.8	37.5	41.3	

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).