

Table 10.7 Estimated Alternative-Fueled Vehicles and Consumption of Replacement Fuels, 1992-2003

Year	Replacement Fuels ¹													
	Alternative Fuels ²									Oxygenates ³			Biodiesel ⁹	Total
	Liquefied Petroleum Gases	Compressed Natural Gas	Liquefied Natural Gas	Methanol, 85 Percent ⁴	Methanol, Neat ⁵	Ethanol, 85 Percent ⁴	Ethanol, 95 Percent ⁴	Electricity ⁶	Total	Methyl Tertiary Butyl Ether ⁷	Ethanol in Gasohol ⁸	Total		
Number of Alternative-Fueled Vehicles ¹⁰ in Use														
1992	NA	23,191	90	4,850	404	172	38	1,607	NA	NA	NA	NA	NA	NA
1993	NA	32,714	299	10,263	414	441	27	1,690	NA	NA	NA	NA	NA	NA
1994	NA	41,227	484	15,484	415	605	33	2,224	NA	NA	NA	NA	NA	NA
1995	^R 172,806	50,218	603	18,319	386	1,527	136	2,860	^R 246,855	NA	NA	NA	NA	NA
1996	^R 175,585	60,144	663	20,265	172	4,536	361	3,280	^R 265,006	NA	NA	NA	NA	NA
1997	^R 175,679	68,571	813	21,040	172	9,130	347	4,453	^R 280,205	NA	NA	NA	NA	NA
1998	^R 177,183	78,782	1,172	19,648	200	12,788	14	5,243	^R 295,030	NA	NA	NA	NA	NA
1999	^R 178,610	91,267	1,681	18,964	198	24,604	14	6,964	^R 322,302	NA	NA	NA	NA	NA
2000	^R 181,994	^R 100,750	2,090	10,426	0	^R 87,570	4	^R 11,830	^R 394,664	NA	NA	NA	NA	NA
2001	^R 185,053	^R 111,851	2,576	7,827	0	^R 100,303	0	^R 17,847	^R 425,457	NA	NA	NA	NA	NA
2002	^R 187,680	^R 120,839	^R 2,708	5,873	0	^R 120,951	0	^R 33,047	^R 471,098	NA	NA	NA	NA	NA
2003 ^P	190,438	132,988	3,030	4,917	0	133,776	0	45,656	510,805	NA	NA	NA	NA	NA
Fuel Consumption (Thousand Gasoline-Equivalent Gallons)														
1992	NA	16,823	585	1,069	2,547	21	85	359	NA	1,175,000	701,000	1,876,000	NA	NA
1993	NA	21,603	1,901	1,593	3,166	48	80	288	NA	2,069,200	760,000	2,829,200	NA	NA
1994	NA	24,160	2,345	2,340	3,190	80	140	430	NA	2,018,800	845,900	2,864,700	NA	NA
1995	¹¹ 1232,701	35,162	2,759	2,023	2,150	190	995	663	276,643	2,691,200	910,700	3,601,900	NA	3,878,543
1996	¹¹ 239,158	46,923	3,247	1,775	347	694	2,699	773	295,616	2,749,700	660,200	3,409,900	NA	3,705,516
1997	¹¹ 238,356	65,192	3,714	1,554	347	1,280	1,136	1,010	312,589	3,104,200	830,700	3,934,900	NA	4,247,489
1998	¹¹ ^R 241,386	72,412	5,343	1,212	449	1,727	59	1,202	^R 323,790	2,903,400	889,500	3,792,900	NA	4,116,690
1999	^R 209,817	^R 79,620	^R 5,828	1,073	447	^R 3,916	^R 62	^R 1,524	^R 302,287	3,402,600	950,300	4,352,900	NA	4,655,187
2000	^R 212,576	^R 86,745	^R 7,259	585	^R 0	^R 12,071	13	^R 3,058	^R 322,307	3,296,100	1,085,800	4,381,900	6,816	4,711,023
2001	^R 215,876	^R 104,496	^R 8,921	^R 439	^R 0	^R 14,623	0	^R 4,066	^R 348,421	3,352,200	1,143,300	4,495,500	7,076	4,850,997
2002	^R 223,143	^R 120,670	^R 9,382	^R 337	0	^R 17,783	0	^R 7,274	^R 378,589	3,120,300	1,413,600	4,533,900	16,917	4,929,406
2003 ^P	230,486	141,726	10,514	274	0	20,092	0	9,633	412,725	2,384,500	1,792,900	4,177,400	26,758	4,616,883

¹ See "Replacement Fuel" in Glossary.

² See "Alternative Fuel" in Glossary.

³ See "Oxygenates" in Glossary.

⁴ Remaining portion is motor gasoline. Consumption data include the motor gasoline portion of the fuel.

⁵ One hundred percent methanol.

⁶ Excludes gasoline-electric hybrids.

⁷ In addition to methyl tertiary butyl ether (MTBE), includes a very small amount of other ethers, primarily tertiary amyl methyl ether (TAME) and ethyl tertiary butyl ether (ETBE).

⁸ Data do not include the motor gasoline portion of the fuel.

⁹ "Biodiesel" is any liquid biofuel suitable as a diesel fuel substitute or diesel fuel additive or extender.

See "Biodiesel" in Glossary.

¹⁰ See "Alternative-Fueled Vehicle" in Glossary.

¹¹ For 1995-1998, estimates of the number of vehicles operating on liquefied petroleum gases (LPG) were revised; however, no corresponding revisions were made to consumption of LPG by on-road vehicles. Revised consumption data will be available as other historical LPG vehicle-fuel-use data can be evaluated.

R=Revised. P=Preliminary. NA=Not available.

Note: Totals may not equal sum of components due to independent rounding.

Web Page: For related information, see <http://www.eia.doe.gov/fuel/alternate.html>.

Sources: • 1992-1994—Science Applications International Corporation, "Alternative Transportation Fuels and Vehicles Data Development," unpublished final report prepared for the Energy Information Administration (EIA) (McLean, VA, July 1996) and U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy. • 1995 forward—EIA, "Alternatives to Traditional Transportation Fuels 2003 Estimated Data" (February 2004), Tables 1 and 10.