

Table 1057. Alternative Fueled Vehicles and Estimated Consumption of Vehicle Fuels by Fuel Type: 2003 to 2006

[In thousands, (402,941 represents 402,941,000). Vehicles in use do not include concept and demonstration vehicles that are not ready for delivery to end users. Vehicles in use represent accumulated acquisitions, less retirements, as of the end of each calendar year]

Vehicles and fuel consumption	Unit	2003	2004	2005	2006
ALTERNATIVE FUELED VEHICLES IN USE					
Total	Number	533,999	565,492	592,125	634,562
Compressed Natural Gas (CNG)	Number	114,406	118,532	117,699	116,131
Electric ¹	Number	47,485	49,536	51,398	53,526
Ethanol, 85 percent (E85) ^{2, 3}	Number	179,090	211,800	246,363	297,099
Hydrogen	Number	9	43	119	159
Liquefied Natural Gas (LNG)	Number	2,640	2,717	2,748	2,798
Liquefied Petroleum Gas (LPG)	Number	190,369	182,864	173,795	164,846
Other fuels ⁴	Number	-	-	3	3
FUEL CONSUMPTION					
Alternative fuels	1,000 gal.(g-e-g) ⁶	402,941	428,532	420,778	417,803
Compressed Natural Gas (CNG)	1,000 gal.(g-e-g) ⁶	133,222	158,903	166,878	172,011
Electric ¹	1,000 gal.(g-e-g) ⁶	5,141	5,269	5,219	5,104
Ethanol, 85 percent (E85) ^{2, 5}	1,000 gal.(g-e-g) ⁶	26,376	31,581	38,074	44,041
Hydrogen	1,000 gal.(g-e-g) ⁶	2	8	25	41
Liquefied Natural Gas (LNG)	1,000 gal.(g-e-g) ⁶	13,503	20,888	22,409	23,474
Liquefied Petroleum Gas (LPG)	1,000 gal.(g-e-g) ⁶	224,697	211,883	188,171	173,130
Other fuels ⁴	1,000 gal.(g-e-g) ⁶	-	-	2	2
Biodiesel	1,000 gal.(g-e-g) ⁶	18,220	28,244	91,649	260,606
Oxygenates: Methyl Tertiary Butyl Ether (MTBE)	1,000 gal.(g-e-g) ⁶	2,368,400	1,877,300	1,654,500	435,000
Ethanol in gasohol	1,000 gal.(g-e-g) ⁶	1,919,572	2,414,167	2,756,663	3,729,168
Total alternative and replacement fuels	1,000 gal.(g-e-g) ⁶	4,709,133	4,748,243	4,923,590	4,842,577
FUEL CONSUMPTION (NATIVE UNITS)					
Alternative fuels:					
Compressed Natural Gas (CNG)	million cubic feet	16,051	19,145	20,106	20,724
Electric ¹	1,000 kwh	171,367	175,633	173,967	170,133
Ethanol, 85 percent (E85) ^{2, 5}	1,000 gallons	36,633	43,862	52,881	61,168
Hydrogen	1,000 kilograms	2	7	23	37
Liquefied Natural Gas (LNG)	1,000 gallons	20,459	31,648	33,953	35,567
Liquefied Petroleum Gas (LPG)	1,000 gallons	303,645	286,328	254,285	233,959
Biodiesel	1,000 gallons	18,050	27,980	90,790	250,426
Oxygenates: Methyl Tertiary Butyl Ether (MTBE)	1,000 gallons	2,912,700	2,309,160	2,035,320	534,912
Ethanol in gasohol	1,000 gallons	2,794,874	3,514,909	4,013,679	5,429,217
Total alternative and replacement fuels	(X)	(X)	(X)	(X)	(X)

- Represents zero. X Not applicable. ¹ Excludes gasoline-electric and diesel-electric hybrids because the input fuel is gasoline or diesel rather than an alternative transportation fuel. ² The remaining portion of 85 percent ethanol is gasoline. ³ For 2006, the EIA estimates that the number of E-85 vehicles that are capable of operating on E85, gasoline, or both, is about 6 million. Many of these alternative-fueled vehicles (AFVs) are sold and used as traditional gasoline-powered vehicles. In this table, AFVs in use include only those E-85 vehicles believed to be used as AFVs. These are primarily fleet-operated vehicles. ⁴ May include P-Series fuel or any other fuel designated by the Secretary of Energy as an alternative fuel in accordance with the Energy Policy Act of 1995. ⁵ Data shown are for AFVs in use to include only those E-85 vehicles to be used as AFVs. ⁶ Gasoline equivalent gallons.