

Table 1061. Alternative Fueled Vehicles and Estimated Consumption of Vehicle Fuels by Fuel Type: 2004 to 2007

[In thousands. (428,532 represents 428,532,000). 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	2004	2005	2006	2007
ALTERNATIVE FUELED VEHICLES IN USE					
Total	Number	565,492	592,125	634,562	695,766
Compressed Natural Gas (CNG)	Number	118,532	117,699	116,131	114,391
Electric ¹	Number	49,536	51,398	53,526	55,730
Ethanol, 85 percent (E85) ^{2, 3}	Number	211,800	246,363	297,099	364,384
Hydrogen	Number	43	119	159	223
Liquefied Natural Gas (LNG)	Number	2,717	2,748	2,798	2,781
Liquefied Petroleum Gas (LPG)	Number	182,864	173,795	164,846	158,254
Other fuels ⁴	Number	-	3	3	3
FUEL CONSUMPTION					
Alternative fuels:	1,000 gal.(g-e-g) ⁵	428,532	420,778	417,803	414,715
Compressed Natural Gas (CNG)	1,000 gal.(g-e-g) ⁵	158,903	166,878	172,011	178,565
Electric ¹	1,000 gal.(g-e-g) ⁵	5,269	5,219	5,104	5,037
Ethanol, 85 percent (E85) ²	1,000 gal.(g-e-g) ⁵	31,581	38,074	44,041	54,091
Hydrogen	1,000 gal.(g-e-g) ⁵	8	25	41	66
Liquefied Natural Gas (LNG)	1,000 gal.(g-e-g) ⁵	20,888	22,409	23,474	24,594
Liquefied Petroleum Gas (LPG)	1,000 gal.(g-e-g) ⁵	211,883	188,171	173,130	152,360
Other fuels ⁴	1,000 gal.(g-e-g) ⁵	-	2	2	2
Biodiesel	1,000 gal.(g-e-g) ⁵	28,244	91,649	260,606	(NA)
Oxygenates:					
Methyl Tertiary Butyl Ether (MTBE)	1,000 gal.(g-e-g) ⁵	1,877,300	1,654,500	435,000	618,000
Ethanol in Gasohol	1,000 gal.(g-e-g) ⁵	2,414,167	2,756,663	3,729,168	4,694,304
Total alternative and replacement fuels	1,000 gal.(g-e-g) ⁵	4,748,243	4,923,590	4,842,577	(NA)
FUEL CONSUMPTION IN NATIVE UNITS					
Alternative fuels:					
Compressed Natural Gas (CNG)	million cubic feet	19,145	20,106	20,724	21,514
Electric ¹	1,000 kwh	175,633	173,967	170,133	167,900
Ethanol, 85 percent (E85) ²	1,000 gallons	43,862	52,881	61,168	75,126
Hydrogen	1,000 kilograms	7	23	37	60
Liquefied Natural Gas (LNG)	1,000 gallons	31,648	33,953	35,567	37,264
Liquefied Petroleum Gas (LPG)	1,000 gallons	286,328	254,285	233,959	205,892
Biodiesel	1,000 gallons	27,980	90,790	250,426	(NA)
Oxygenates:					
Methyl Tertiary Butyl Ether (MTBE)	1,000 gallons	2,309,160	2,035,320	534,912	76,314
Ethanol in Gasohol	1,000 gallons	3,514,909	4,013,679	5,429,217	6,885,690
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 E85 percent ethanol is gasoline. Consumption data include the gasoline portion of the fuel. ³ For 2007, the EIA estimates that the number of E85 vehicles that are capable of operating on E85, gasoline, or both, is about 7.1 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 E85 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 Gasoline equivalent gallons.

Source: U.S. Energy Information Administration, *Renewable and Alternative Fuels*. See also <<http://www.eia.doe.gov/fuelrenewable.html>>.