

**Table C1. Estimated Consumption of Vehicle Fuels in the United States, by Fuel Type, 2003 - 2007**

(Thousand Gasoline-Equivalent Gallons)

Fuel Type	2003	2004	2005	2006	2007
<b>Alternative Fuels</b>					
Compressed Natural Gas (CNG)	133,222	158,903	166,878	172,011	178,565
Electricity	5,141	5,269	5,219	5,104	5,037
Ethanol, 85 percent (E85) <sup>a</sup>	26,376	31,581	38,074	44,041	54,091
Hydrogen	2	8	25	41	66
Liquefied Natural Gas (LNG)	13,503	20,888	22,409	23,474	24,594
Liquefied Petroleum Gas (LPG)	224,697	211,883	188,171	173,130	152,360
Other Fuels <sup>b</sup>	0	0	2	2	2
Subtotal	402,941	428,532	420,778	417,803	414,715
Biodiesel <sup>c</sup>	18,220	28,244	91,649	260,606	na
<b>Oxygenates</b>					
Methyl Tertiary Butyl Ether (MTBE) <sup>d</sup>	2,368,400	1,877,300	1,654,500	435,000	618,000
Ethanol in Gasohol	1,919,572	2,414,167	2,756,663	3,729,168	4,694,304
<b>Total Alternative and Replacement Fuels<sup>e</sup></b>	<b>4,709,133</b>	<b>4,748,243</b>	<b>4,923,590</b>	<b>4,842,577</b>	<b>na</b>
<b>Traditional Fuels</b>					
Gasoline <sup>f</sup>	135,330,000	138,283,000	138,723,000	140,146,000	140,646,000
Diesel <sup>f</sup>	41,965,000	41,987,000	43,042,000	44,247,000	44,533,000
<b>Total Fuel Consumption<sup>g</sup></b>	<b>177,697,941</b>	<b>180,698,532</b>	<b>182,185,778</b>	<b>184,810,803</b>	<b>185,593,715</b>

<sup>a</sup> The remaining portion of 85-percent ethanol is gasoline. Consumption data include the gasoline portion of the fuel.

<sup>b</sup> 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.

<sup>c</sup> Estimate for 2007 is not available.

<sup>d</sup> Includes a very small amount of other ethers, primarily Tertiary Amyl Methyl Ether (TAME) and Ethyl Tertiary Butyl Ether (ETBE). Values are rounded to the nearest 100,000 gasoline-equivalent gallons.

<sup>e</sup> A replacement fuel is the portion of any motor fuel that is methanol, ethanol, or other alcohols, natural gas, liquefied petroleum gases, hydrogen, coal-derived liquid fuels, electricity (including electricity from solar energy), ethers, biodiesel, or any other fuel the Secretary of Energy determines, by rule, is substantially not petroleum and would yield substantial energy security benefits and substantial environmental benefits.

<sup>f</sup> Gasoline consumption includes ethanol in gasohol and MTBE. Diesel includes biodiesel. Gasoline and diesel values are rounded to the nearest million gasoline-equivalent gallons.

<sup>g</sup> Total fuel consumption is the sum of alternative fuel, gasoline, and diesel consumption. Oxygenate consumption is included in gasoline consumption. Biodiesel is included in diesel consumption.

Notes: na=not available. Fuel quantities are expressed in a common base unit of gasoline-equivalent gallons to allow comparisons of different fuel types. Gasoline-equivalent gallons do not represent gasoline displacement. The estimated consumption of neat methanol (M100), 85-percent methanol (M85), and 95-percent ethanol (E95) is zero for all years included in this table. Therefore, those fuels are not shown. Totals may not equal sum of components due to independent rounding.

Sources: Alternative Fuel Consumption: Energy Information Administration, Office of Coal, Nuclear, Electric and Alternate Fuels. Biodiesel Consumption: Energy Information Administration, Office of Integrated Analysis and Forecasting and U.S. Census Bureau. Ethanol Consumption: Energy Information Administration, Monthly Energy Review, (February 2008). MTBE Consumption: Energy Information Administration, Petroleum Navigator, extracted February 2008. Traditional Fuel Consumption: Energy Information Administration, Petroleum Supply Annual, Volume 1 (September 2007). Highway use of gasoline was estimated as 98.8 percent of consumption, based on data in the Transportation Energy Data Book: Edition 26, prepared by Oak Ridge National Laboratory for the U.S. Department of Energy (May 2007). Diesel consumption was adjusted for highway use by multiplying by .61 derived from Energy Information Administration, Fuel Oil and Kerosene Sales 2005 (December 2007). Diesel consumption was converted to gasoline-equivalent-gallons using heating values from the Energy Information Administration, Monthly Energy Review, (February 2008), Appendix A.