

**Table C2. Estimated Consumption of Vehicle Fuels in Native Units, by Fuel Type, 2005 - 2009**

Fuel Type	Units	2005	2006	2007	2008	2009
<b>Alternative Fuels</b>						
Compressed Natural Gas (CNG)	million cubic feet	20,106	20,724	21,514	22,814	24,038
Electricity (EVC)	thousand kwh	173,967	170,133	167,900	168,333	165,200
Ethanol, 85 percent (E85) <sup>1</sup>	thousand gallons	52,881	61,168	75,126	86,756	98,907
Hydrogen (HYD)	thousand kilograms	23	37	60	107	128
Liquefied Natural Gas (LNG)	thousand gallons	33,953	35,567	37,264	38,718	38,867
Liquefied Petroleum Gas (LPG)	thousand gallons	254,285	233,959	205,892	199,708	175,177
Other Fuels (OTH) <sup>2</sup>		na	na	na	na	na
<b>Biodiesel (BIO)</b>						
	thousand gallons	90,827	260,584	358,156	315,796	316,549
<b>Oxygenates</b>						
Methyl Tertiary Butyl Ether (MTBE) and Other Oxygenate <sup>3</sup>	thousand gallons	2,035,320	534,912	0	0	0
Ethanol in Gasohol	thousand gallons	4,013,679	5,429,217	6,885,690	9,435,428	10,753,990
<b>Traditional Fuels Used On-Highway</b>						
Gasoline (GAS) <sup>4</sup>	thousand gallons	138,723,000	140,146,000	140,646,000	134,644,492	134,385,175
Diesel (DSL) <sup>4</sup>	thousand gallons	38,054,000	39,120,000	39,373,000	37,528,464 <sup>[R]</sup>	34,147,806

<sup>1</sup>The remaining portion of 85-percent ethanol is gasoline. Consumption data include the gasoline portion of the fuel.

<sup>2</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 1992.

<sup>3</sup>Other Oxygenates are assumed to be primarily Tertiary Amyl Methyl Ether (TAME).

<sup>4</sup>Gasoline consumption includes ethanol in gasohol and MTBE. Diesel includes biodiesel. Gasoline and diesel values are rounded to the nearest million gallons.

**Notes:** R = Revised, na=not applicable, kwh=kilowatt hours.

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

**Sources:** Gasoline: U.S. Energy Information Administration, Petroleum Supply Annual Volume 1, Table 1, Product Supplied. The fraction of gasoline used on-highway was determined from the Federal Highway Administration's "Highway Statistics" for the years 2004 through 2008. Highway use of gasoline and total use of gasoline are found in Table MF-21 for the applicable year. Aviation gasoline use is found in Table MF-24 for the applicable year. The fraction is calculated as (total highway use of gasoline)/(total use of gasoline - aviation gasoline). The estimated fractions of gasoline use that were on-highway are 0.969, 0.968, 0.967, 0.970, and 0.974 for 2004 through 2008, respectively. The 2008 value was carried over for 2009.

Biodiesel: U.S. Energy Information Administration, Monthly Energy Review, January 2011, Table 10.4, Consumption.

MTBE: U.S. Energy Information Administration, Petroleum Supply Annual Volume 1, Table 15, html version, Refinery and Blender Net Inputs. Highway use of MTBE estimated by applying the fraction of gasoline used on-highway for each year to the MTBE quantity.

All Other Oxygenates: U.S. Energy Information Administration, Petroleum Supply Annual Volume 1, Table 15, html version, Refinery and Blender Net Inputs. Fuel ethanol is not included in this category. Highway use of All Other Oxygenates estimated by applying the fraction of gasoline used on-highway for each year to the All Other Oxygenates quantity.

Ethanol: U.S. Energy Information Administration, Monthly Energy Review, January 2011 Table 10.3, Consumption. Highway use of ethanol estimated by applying the fraction of gasoline used on-highway for each year to the ethanol quantity.

Diesel: U.S. Energy Information Administration, Fuel Oil and Kerosene Sales 2009, Table 1, Sales of Distillate Fuel Oil, On-Highway.