

Table 1.6 Biofuels Overview, 2003 - 2007

(Trillion Btu)

Type	2003	2004	2005	2006	2007
Ethanol					
Feedstock ¹	410	497	570	712	930
Losses and Coproducts ²	174	210	241	301	380
Production ³	236	287	329	412	549
Net Imports ⁴	1	13	11	62	37
Stock Change ⁵	-1	*	-2	11	6
Consumption	238	299	342	462	580
Biodiesel					
Feedstock ⁶	2	4	12	32	63
Losses and Coproducts ⁷	*	*	*	*	1
Production ⁸	2	4	12	32	62

¹Total corn and other biomass inputs to the production of fuel ethanol.

²Losses and co-products from the production of fuel ethanol. Does not include natural gas, electricity, and other non-biomass energy used in the production of fuel ethanol.

³Fuel ethanol production.

⁴Fuel ethanol imports. There are no exports.

⁵Fuel ethanol stock change. A negative number indicates a decrease in stocks and a positive number indicates an increase.

⁶Total soy bean oil and other biomass inputs to the production of biodiesel.

⁷Losses and co-products from the production of biodiesel. Does not include natural gas, electricity, and other non-biomass energy used in the production of biodiesel.

⁸Production of biofuels for use as diesel fuel substitutes or additives. Biodiesel consumption equals biodiesel production.

* = Less than 0.5 trillion Btu.

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

Sources: (Note: For ethanol and biodiesel heat contents, see Table 10.) Ethanol Feedstock: Calculated as fuel ethanol production multiplied by the approximate heat content of the corn and other biomass inputs to the production of fuel ethanol. Ethanol Losses and Co-products: Calculated as ethanol feedstock minus fuel ethanol production. Ethanol Production: 2002 and forward: Energy Information Administration (EIA), Form EIA-819, "Monthly Oxygenate Report," and predecessor form. Ethanol Net Imports, Stocks and Stock Change: 2002-2005: EIA, Petroleum Supply Annual (PSA), annual reports. 2006: EIA, Petroleum Supply Monthly (PSM), monthly reports. Ethanol Consumption: 2002-2004: EIA, PSA, annual reports, Tables 2 and 16. Calculated as ten percent of oxygenated finished motor gasoline field production (Table 2), plus fuel ethanol refinery input (Table 16). 2005-2007: EIA, PSA (Various Issues), Tables 1 and 15.

Calculated as motor gasoline blending components adjustments (Table 1), plus finished motor gasoline adjustments (Table 1), plus fuel ethanol refinery blender net inputs (Table 15). Biodiesel Feedstock: Calculated as biodiesel production multiplied by the approximate heat content of the vegetable oil and other biomass inputs to the production of biodiesel. Biodiesel Losses and Co-products: Calculated as biodiesel feedstock minus biodiesel production. Biodiesel Production: 2001-2005 U.S. Department of Agriculture, Commodity Credit Corporation, Bioenergy Program records and 2006 and forward: U.S. Department of Commerce, Bureau of Census, Current Industrial Reports, Fats and Oils - Production, Consumption and Stocks, and analysis conducted by Energy Information Administration, Office of Coal, Nuclear, Electric and Alternate Fuels.