

Table 10.4 Biodiesel Overview

	Feedstock ^a	Losses and Co-products ^b	Production ^c		
	Trillion Btu	Trillion Btu	Thousand Barrels	Million Gallons	Trillion Btu
2001 Total	1	(s)	204	9	1
2002 Total	1	(s)	250	10	1
2003 Total	2	(s)	338	14	2
2004 Total	4	(s)	666	28	4
2005 Total	12	(s)	2,162	91	12
2006 January	2	(s)	312	13	2
February	1	(s)	269	11	1
March	2	(s)	368	15	2
April	2	(s)	385	16	2
May	3	(s)	531	22	3
June	3	(s)	612	26	3
July	3	(s)	540	23	3
August	4	(s)	689	29	4
September	3	(s)	598	25	3
October	3	(s)	549	23	3
November	3	(s)	520	22	3
December	3	(s)	590	25	3
Total	32	(s)	5,963	250	32
2007 January	4	(s)	692	29	4
February	3	(s)	564	24	3
March	4	(s)	775	33	4
April	4	(s)	765	32	4
May	5	(s)	958	40	5
June	5	(s)	943	40	5
July	7	(s)	1,237	52	7
August	7	(s)	1,298	55	7
September	7	(s)	1,224	51	7
October	6	(s)	1,188	50	6
November	5	(s)	993	42	5
December	6	(s)	1,026	43	5
Total	63	1	11,662	490	62
2008 January	7	(s)	1,208	51	6
February	6	(s)	1,030	43	6
March	6	(s)	1,168	49	6
April	7	(s)	1,258	53	7
May	7	(s)	1,250	52	7
June	8	(s)	1,509	63	8
6-Month Total	40	1	7,423	312	40
2007 6-Month Total	26	(s)	4,697	197	25
2006 6-Month Total	13	(s)	2,477	104	13

^a Total vegetable oil and other biomass inputs to the production of biodiesel.

^b Losses 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—these are included in the industrial sector consumption statistics for the appropriate energy source.

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

(s)=Less than 0.5 trillion Btu.

Notes: • Through 2000, data are not available. Beginning in 2001, data are estimates. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Web Page: See <http://www.eia.doe.gov/emeu/mer/renew.html> for all available data beginning in 2001.

Sources: • **Feedstock:** Calculated as biodiesel production in thousand barrels multiplied by the approximate heat content of biodiesel feedstock—see Table A3.

• **Losses and Co-products:** Calculated as biodiesel feedstock minus biodiesel production. • **Production:** 2001-2005—U.S. Department of Agriculture,

Commodity Credit Corporation, Bioenergy Program records. Annual data are derived from quarterly data. Monthly data are estimated by dividing the annual data by the number of days in the year and then multiplying by the number of days in the month. 2006—U.S. Department of Commerce, Bureau of the Census, "M311K - Fats and Oils: Production, Consumption, and Stocks," Table 3A, data for soybean oil consumed in methyl esters (biodiesel). In addition, the Energy Information Administration (EIA), Office of Integrated Analysis and Forecasting, estimates that 14.4 million gallons of yellow grease were consumed in methyl esters (biodiesel). EIA assumes that 7.65 pounds of vegetable oil are needed to make one gallon of biodiesel. 2007 and 2008—U.S. Department of Commerce, Bureau of the Census, "M311K - Fats and Oils: Production, Consumption, and Stocks," Table 3A, data for all fats and oils consumed in methyl esters (biodiesel). EIA assumes that 7.65 pounds of vegetable oil are needed to make one gallon of biodiesel. (Note: For production, data in thousand barrels are converted to million gallons by multiplying by 0.042; and are converted to trillion Btu by multiplying by the approximate heat content of biodiesel—see Table A3.)