

**Table 10.4 Biodiesel Overview**

	Feedstock <sup>a</sup>	Losses and Co-products <sup>b</sup>	Production <sup>c</sup>		
	Trillion Btu	Trillion Btu	Thousand Barrels	Million Gallons	Trillion Btu
<b>2001 Total</b> .....	<b>1</b>	<b>(s)</b>	<b>204</b>	<b>9</b>	<b>1</b>
<b>2002 Total</b> .....	<b>1</b>	<b>(s)</b>	<b>250</b>	<b>10</b>	<b>1</b>
<b>2003 Total</b> .....	<b>2</b>	<b>(s)</b>	<b>338</b>	<b>14</b>	<b>2</b>
<b>2004 Total</b> .....	<b>4</b>	<b>(s)</b>	<b>666</b>	<b>28</b>	<b>4</b>
<b>2005 Total</b> .....	<b>12</b>	<b>(s)</b>	<b>2,162</b>	<b>91</b>	<b>12</b>
<b>2006</b> 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
<b>Total</b> .....	<b>32</b>	<b>(s)</b>	<b>5,963</b>	<b>250</b>	<b>32</b>
<b>2007</b> 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
<b>Total</b> .....	<b>63</b>	<b>1</b>	<b>11,662</b>	<b>490</b>	<b>62</b>
<b>2008</b> 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
July .....	9	(s)	1,605	67	9
August .....	9	(s)	1,588	67	9
September .....	8	(s)	1,527	64	8
October .....	8	(s)	1,469	62	8
November .....	8	(s)	1,481	62	8
<b>11-Month Total</b> .....	<b>82</b>	<b>1</b>	<b>15,094</b>	<b>634</b>	<b>81</b>
<b>2007 11-Month Total</b> .....	<b>58</b>	<b>1</b>	<b>10,637</b>	<b>447</b>	<b>57</b>
<b>2006 11-Month Total</b> .....	<b>29</b>	<b>(s)</b>	<b>5,373</b>	<b>226</b>	<b>29</b>

<sup>a</sup> Total vegetable oil and other biomass inputs to the production of biodiesel.

<sup>b</sup> 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.

<sup>c</sup> 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.)