

**Table 10.4 Biodiesel and Other Renewable Fuels Overview**

	Biodiesel													Other Renewable Fuels <sup>f</sup>
	Feedstock <sup>a</sup>	Losses and Co-products <sup>b</sup>	Production			Trade			Stocks <sup>d</sup>	Stock Change <sup>e</sup>	Consumption			
						Imports	Exports	Net Imports <sup>c</sup>						
			TBtu	TBtu	Mbbl	MMgal	TBtu	Mbbl			Mbbl	Mbbl	Mbbl	
<b>2001 Total</b> .....	1	(s)	204	9	1	81	41	40	NA	NA	244	10	1	NA
<b>2002 Total</b> .....	1	(s)	250	10	1	197	57	140	NA	NA	390	16	2	NA
<b>2003 Total</b> .....	2	(s)	338	14	2	97	113	-17	NA	NA	322	14	2	NA
<b>2004 Total</b> .....	4	(s)	666	28	4	101	128	-27	NA	NA	639	27	3	NA
<b>2005 Total</b> .....	12	(s)	2,162	91	12	214	213	1	NA	NA	2,163	91	12	NA
<b>2006 Total</b> .....	32	(s)	5,963	250	32	1,105	856	250	NA	NA	6,213	261	33	NA
<b>2007 Total</b> .....	63	1	11,662	490	62	3,455	6,696	-3,241	NA	NA	8,422	354	45	NA
<b>2008 Total</b> .....	88	1	16,145	678	87	7,755	16,673	-8,918	NA	NA	7,228	304	39	NA
<b>2009 Total</b> .....	67	1	12,281	516	66	1,906	6,546	-4,640	711	711	<sup>g</sup> 7,663	322	41	(s)
<b>2010 Total</b> .....	44	1	8,177	343	44	564	2,588	-2,024	672	-39	6,192	260	33	(s)
<b>2011 Total</b> .....	125	2	23,035	967	123	890	1,799	-908	2,005	<sup>h</sup> 1,028	21,099	886	113	(s)
<b>2012 Total</b> .....	128	2	23,588	991	126	853	3,056	-2,203	1,984	-20	21,406	899	115	3
<b>2013 Total</b> .....	176	2	32,368	1,359	173	8,152	4,675	3,477	3,810	1,825	34,020	1,429	182	24
<b>2014 Total</b> .....	165	2	30,452	1,279	163	4,578	1,974	2,604	3,131	-679	33,735	1,417	181	18
<b>2015 Total</b> .....	163	2	30,080	1,263	161	8,399	2,091	6,308	3,943	813	35,575	1,494	191	25
<b>2016 January</b> .....	14	(s)	2,490	105	13	248	42	206	4,222	279	2,416	101	13	1
February .....	14	(s)	2,504	105	13	287	49	238	4,133	-89	2,831	119	15	2
March .....	16	(s)	2,861	120	15	565	234	331	4,167	34	3,159	133	17	3
April .....	16	(s)	2,856	120	15	969	246	723	4,358	192	3,388	142	18	1
May .....	18	(s)	3,222	135	17	1,117	335	782	4,091	-268	4,272	179	23	2
June .....	17	(s)	3,205	135	17	1,630	220	1,410	4,726	635	3,980	167	21	3
July .....	18	(s)	3,331	140	18	1,681	250	1,431	4,443	-283	5,045	212	27	2
August .....	18	(s)	3,385	142	18	1,873	235	1,638	4,265	-177	5,201	218	28	2
September .....	17	(s)	3,206	135	17	1,835	150	1,685	4,227	-38	4,929	207	26	4
October .....	19	(s)	3,433	144	18	1,822	114	1,708	4,690	463	4,678	196	25	2
November .....	19	(s)	3,408	143	18	2,184	143	2,041	5,314	624	4,825	203	26	3
December .....	19	(s)	3,425	144	18	2,668	80	2,588	6,398	1,083	4,929	207	26	1
<b>Total</b> .....	203	3	37,327	1,568	200	16,879	2,098	14,781	6,398	2,455	49,653	2,085	266	25
<b>2017 January</b> .....	12	(s)	2,208	93	12	241	42	199	6,397	(s)	2,407	101	13	3
February .....	12	(s)	2,238	94	12	549	59	490	6,475	78	2,650	111	14	1
March .....	15	(s)	2,761	116	15	650	136	514	6,189	-286	3,561	150	19	3
April .....	16	(s)	3,020	127	16	681	283	398	5,706	-484	3,901	164	21	2
May .....	18	(s)	3,242	136	17	948	239	709	4,909	-797	4,748	199	25	3
June .....	18	(s)	3,344	140	18	1,736	226	1,510	5,052	144	4,711	198	25	3
July .....	19	(s)	3,560	150	19	1,670	453	1,217	5,405	353	4,424	186	24	3
August .....	19	(s)	3,559	149	19	1,582	387	1,195	5,356	-49	4,803	202	26	2
September .....	19	(s)	3,507	147	19	205	100	105	4,849	-507	4,119	173	22	2
October .....	19	(s)	3,515	148	19	386	217	169	4,485	-364	4,047	170	22	2
November .....	19	(s)	3,523	148	19	222	49	173	4,233	-252	3,948	166	21	1
December .....	19	(s)	3,515	148	19	504	35	469	4,268	35	3,949	166	21	2
<b>Total</b> .....	206	3	37,993	1,596	204	9,374	2,228	7,146	4,268	-1,130	47,269	1,985	253	28
<b>2018 January</b> .....	16	(s)	2,945	124	16	246	102	144	4,557	<sup>i</sup> -193	3,282	138	18	1
February .....	16	(s)	2,996	126	16	146	103	43	4,924	367	2,672	112	14	2
March .....	19	(s)	3,493	147	19	457	255	202	4,916	-8	3,702	155	20	2
April .....	18	(s)	3,344	140	18	308	217	91	4,681	-235	3,670	154	20	1
May .....	19	(s)	3,538	149	19	325	382	-57	4,257	-424	3,905	164	21	3
June .....	20	(s)	3,718	156	20	296	275	21	3,845	-412	4,150	174	22	1
July .....	21	(s)	3,892	163	21	157	259	-102	3,583	-262	4,052	170	22	2
August .....	22	(s)	4,028	169	22	281	263	18	3,412	-172	4,217	177	23	2
September .....	21	(s)	3,850	162	21	277	190	87	3,360	-52	3,989	168	21	2
<b>9-Month Total</b> .....	173	2	31,803	1,336	170	2,493	2,047	446	3,360	-1,390	33,639	1,413	180	16
<b>2017 9-Month Total</b> .....	149	2	27,440	1,152	147	8,262	1,926	6,336	4,849	-1,549	35,324	1,484	189	22
<b>2016 9-Month Total</b> .....	147	2	27,060	1,137	145	10,205	1,761	8,444	4,227	284	35,221	1,479	189	19

<sup>a</sup> Total vegetable oil and other biomass inputs to the production of biodiesel—calculated by multiplying biodiesel production by 5.433 million Btu per barrel. See "Biodiesel Feedstock" entry in the "Thermal Conversion Factor Source Documentation" at the end of Appendix A.

<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> Net imports equal imports minus exports.

<sup>d</sup> Stocks are at end of period. Includes biodiesel stocks at (or in) refineries, pipelines, and bulk terminals. Beginning in 2011, also includes stocks at biodiesel production plants.

<sup>e</sup> A negative value indicates a decrease in stocks and a positive value indicates an increase.

<sup>f</sup> Other renewable fuels consumption, which includes other renewable diesel fuel imports minus stock change, and other renewable fuels imports. See "Renewable Diesel Fuel (Other)" and "Renewable Fuels (Other)" in Glossary.

<sup>g</sup> In 2009, because of incomplete data coverage and differing data sources, a "Balancing Item" amount of 733 thousand barrels (653 thousand barrels in January 2009; 80 thousand barrels in February 2009) is used to balance biodiesel supply

and disposition.

<sup>h</sup> Derived from the final 2010 stocks value for bulk terminals and biodiesel production plants (977 thousand barrels), not the final 2010 value for bulk terminals only (672 thousand barrels) that is shown under "Stocks."

<sup>i</sup> Derived from the preliminary 2017 stocks value (4,750 thousand barrels), not the final 2017 value (4,268 thousand barrels) that is shown under "Stocks."

NA=Not available. (s)=Less than 0.5 trillion Btu and greater than -0.5 trillion Btu, or less than 500 barrels and greater than -500 barrels.

Notes: • Mbbl = thousand barrels. MMgal = million U.S. gallons. TBtu = trillion Btu. • Biodiesel data in thousand barrels are converted to million gallons by multiplying by 0.042, and are converted to Btu by multiplying by 5.359 million Btu per barrel (the approximate heat content of biodiesel—see Table A1). • Through 2000, data are not available. Beginning in 2001, data not from U.S. Energy Information Administration (EIA) surveys 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.gov/totalenergy/data/monthly/#renewable> (Excel and CSV files) for all available annual and monthly data beginning in 2001.

Sources: See end of section.