

Table 10.4 Biodiesel and Other Renewable Fuels Overview

	Biodiesel													Other Renewable Fuels ^f
	Feed-stock ^a	Losses and Co-products ^b	Production			Trade			Stocks ^d	Stock Change ^e	Consumption			
						Imports	Exports	Net Imports ^c						
			TBtu	TBtu	Mbbl	MMgal	TBtu	Mbbl			Mbbl	Mbbl	Mbbl	
2001 Total	1	(s)	204	9	1	81	41	40	NA	NA	244	10	1	NA
2002 Total	1	(s)	250	10	1	197	57	140	NA	NA	390	16	2	NA
2003 Total	2	(s)	338	14	2	97	113	-17	NA	NA	322	14	2	NA
2004 Total	4	(s)	666	28	4	101	128	-27	NA	NA	639	27	3	NA
2005 Total	12	(s)	2,162	91	12	214	213	1	NA	NA	2,163	91	12	NA
2006 Total	32	(s)	5,963	250	32	1,105	856	250	NA	NA	6,213	261	33	NA
2007 Total	63	1	11,662	490	62	3,455	6,696	-3,241	NA	NA	8,422	354	45	NA
2008 Total	88	1	16,145	678	87	7,755	16,673	-8,918	NA	NA	7,228	304	39	NA
2009 Total	67	1	12,281	516	66	1,906	6,546	-4,640	711	711	^g 7,663	322	41	(s)
2010 Total	44	1	8,177	343	44	564	2,588	-2,024	672	-39	6,192	260	33	(s)
2011 Total	125	2	23,035	967	123	890	1,799	-908	2,005	^h 1,028	21,099	886	113	(s)
2012 Total	128	2	23,588	991	126	853	3,056	-2,203	1,984	-20	21,406	899	115	3
2013 Total	176	2	32,368	1,359	173	8,152	4,675	3,477	3,810	1,825	34,020	1,429	182	24
2014 Total	165	2	30,452	1,279	163	4,578	1,974	2,604	3,131	-679	33,735	1,417	181	18
2015 January	9	(s)	1,727	73	9	372	22	350	4,032	902	1,176	49	6	(s)
February	10	(s)	1,851	78	10	526	23	503	4,245	212	2,141	90	11	1
March	13	(s)	2,326	98	12	340	191	149	4,244	(s)	2,475	104	13	2
April	14	(s)	2,568	108	14	330	240	90	4,071	-173	2,831	119	15	2
May	15	(s)	2,784	117	15	336	255	81	3,599	-471	3,337	140	18	2
June	16	(s)	2,901	122	16	673	260	413	3,063	-536	3,850	162	21	2
July	16	(s)	2,883	121	15	1,157	255	902	3,404	341	3,444	145	18	3
August	16	(s)	2,933	123	16	961	275	686	3,333	-71	3,690	155	20	2
September	13	(s)	2,479	104	13	1,062	200	862	3,021	-312	3,652	153	20	3
October	14	(s)	2,535	106	14	863	161	702	3,070	48	3,189	134	17	3
November	14	(s)	2,521	106	14	701	76	625	3,600	530	2,616	110	14	3
December	14	(s)	2,573	108	14	1,078	133	945	3,943	343	3,174	133	17	3
Total	163	2	30,080	1,263	161	8,399	2,091	6,308	3,943	813	35,575	1,494	191	25
2016 January	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
Total	203	3	37,327	1,568	200	16,879	2,098	14,781	6,398	2,455	49,653	2,085	266	25
2017 January	12	(s)	2,204	93	12	241	43	198	6,259	ⁱ 41	2,361	99	13	2
February	12	(s)	2,232	94	12	549	57	492	6,466	207	2,516	106	13	1
March	15	(s)	2,757	116	15	650	136	514	6,194	-272	3,542	149	19	3
April	16	(s)	3,014	127	16	681	283	398	5,713	-481	3,893	163	21	2
May	18	(s)	3,237	136	17	948	239	709	4,926	-787	4,734	199	25	3
June	18	(s)	3,336	140	18	1,736	226	1,510	5,072	147	4,700	197	25	3
July	19	(s)	3,552	149	19	1,670	455	1,215	5,076	3	4,764	200	26	3
August	19	(s)	3,551	149	19	1,582	387	1,195	5,172	96	4,650	195	25	2
8-Month Total	130	2	23,884	1,003	128	8,057	1,827	6,230	5,172	-1,046	31,159	1,309	167	19
2016 8-Month Total	130	2	23,854	1,002	128	8,370	1,611	6,759	4,265	322	30,291	1,272	162	15
2015 8-Month Total	109	1	19,972	839	107	4,695	1,520	3,175	3,333	202	22,944	964	123	14

^a 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.

^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 Net imports equal imports minus exports.

^d 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.

^e A negative value indicates a decrease in stocks and a positive value indicates an increase.

^f Imports minus stock change of other renewable diesel fuel and other renewable fuels. See "Renewable Diesel Fuel (Other)" and "Renewable Fuels (Other)" in Glossary.

^g 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.

^h 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."

ⁱ Derived from the preliminary 2016 stocks value (6,217 thousand barrels), not the final 2016 value (6,398 thousand barrels) that is shown under "Stocks."

NA=Not available. (s)=Less than 0.5 trillion Btu and greater than -0.5 trillion Btu. 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.