

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 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)	^R 2,208	93	12	241	^R 42	^R 199	^R 6,397	^R (s)	^R 2,407	^R 101	13	^R 3
February	12	(s)	^R 2,238	94	12	549	^R 59	^R 490	^R 6,475	^R 78	^R 2,650	^R 111	^R 14	1
March	15	(s)	^R 2,761	116	15	650	136	514	^R 6,189	^R -286	^R 3,561	^R 150	19	3
April	16	(s)	^R 3,020	127	16	681	283	398	^R 5,706	^R -484	^R 3,901	^R 164	21	2
May	18	(s)	^R 3,242	136	17	948	239	709	^R 4,909	^R -797	^R 4,748	199	25	3
June	18	(s)	^R 3,344	140	18	1,736	226	1,510	^R 5,052	^R 144	^R 4,711	^R 198	25	3
July	19	(s)	^R 3,560	^R 150	19	1,670	^R 453	^R 1,217	^R 5,405	^R 353	^R 4,424	^R 186	^R 24	3
August	19	(s)	^R 3,559	149	19	1,582	387	1,195	^R 5,356	^R -49	^R 4,803	^R 202	^R 26	2
September	19	(s)	3,507	147	19	205	100	105	^R 4,849	^R -507	^R 4,119	173	22	^R 2
October	19	(s)	^R 3,515	^R 148	19	386	217	169	^R 4,485	^R -364	^R 4,047	^R 170	^R 22	2
November	19	(s)	3,523	148	19	222	^R 49	^R 173	^R 4,233	^R -252	^R 3,948	^R 166	21	1
December	19	(s)	3,515	148	19	504	35	469	^R 4,268	^R 35	^R 3,949	^R 166	^R 21	2
Total	206	3	^R 37,993	^R 1,596	^R 204	9,374	^R 2,228	^R 7,146	^R 4,268	^R -2,130	^R 47,269	^R 1,985	^R 253	28
2018 January	16	(s)	2,945	124	16	246	102	144	4,557	ⁱ -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
6-Month Total	109	1	20,033	841	107	1,778	1,335	443	3,845	-904	21,381	898	115	10
2017 6-Month Total	91	1	16,814	706	90	4,805	986	3,819	5,052	-1,345	21,978	923	118	16
2016 6-Month Total	93	1	17,138	720	92	4,816	1,126	3,690	4,726	783	20,045	842	107	12

^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 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.

^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 2017 stocks value (4,750 thousand barrels), not the final 2017 value (4,268 thousand barrels) that is shown under "Stocks."

^j R=Revised. 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.