

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		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	-	
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	1	
2012 Total	128	2	23,588	991	126	853	3,056	-2,203	1,984	-20	21,406	899	115	1	
2013 Total	176	2	32,368	1,359	173	8,152	4,675	3,477	3,810	1,825	34,020	1,429	182	30	
2014 Total	165	2	30,452	1,279	163	4,578	1,974	2,604	3,131	-679	33,735	1,417	181	28	
2015 Total	163	2	30,080	1,263	161	8,399	2,091	6,308	3,943	813	35,575	1,494	191	33	
2016 Total	203	3	37,327	1,568	200	16,879	2,098	14,781	6,398	2,454	49,653	2,085	266	34	
2017 Total	206	3	37,993	1,596	204	9,374	2,228	7,146	4,268	-2,130	47,269	1,985	253	30	
2018															
January	16	(s)	2,989	126	16	246	84	162	4,565	297	2,853	120	15	1	
February	17	(s)	3,046	128	16	146	103	43	4,934	369	2,720	114	15	2	
March	19	(s)	3,551	149	19	457	257	200	4,925	-9	3,760	158	20	3	
April	18	(s)	3,393	143	18	308	217	91	4,716	-209	3,693	155	20	2	
May	20	(s)	3,603	151	19	325	396	-71	4,275	-441	3,972	167	21	2	
June	21	(s)	3,783	159	20	296	276	20	3,850	-425	4,228	178	23	1	
July	22	(s)	3,960	166	21	157	259	-102	3,742	-107	3,966	167	21	1	
August	22	(s)	4,102	172	22	281	263	18	3,425	-318	4,437	186	24	1	
September	21	(s)	3,914	164	21	277	191	86	3,371	-54	4,054	170	22	1	
October	22	(s)	4,070	171	22	467	204	263	3,647	276	4,058	170	22	1	
November	21	(s)	3,816	160	20	473	143	330	4,039	392	3,754	158	20	2	
December	22	(s)	3,995	168	21	536	77	459	4,662	623	3,831	161	21	2	
Total	240	3	44,222	1,857	237	3,969	2,470	1,499	4,662	394	45,326	1,904	243	19	
2019															
January	19	(s)	3,427	144	18	308	85	223	5,354	692	2,957	124	16	2	
February	17	(s)	3,108	131	17	233	91	142	5,502	148	3,101	130	17	1	
March	18	(s)	3,353	141	18	543	226	317	5,389	-113	3,783	159	20	1	
April	20	(s)	3,623	152	19	410	370	40	5,330	-59	3,721	156	20	2	
May	20	(s)	3,681	155	20	281	440	-159	4,815	-515	4,037	170	22	2	
June	18	(s)	3,370	142	18	310	300	10	4,408	-406	3,787	159	20	2	
July	21	(s)	3,776	159	20	333	392	-59	4,088	-321	4,039	170	22	2	
August	20	(s)	3,712	156	20	216	291	-75	3,860	-228	3,865	162	21	2	
September	18	(s)	3,377	142	18	280	238	42	3,706	-154	3,574	150	19	1	
October	19	(s)	3,436	144	18	314	158	156	3,738	32	3,560	150	19	1	
November	16	(s)	3,034	127	16	417	56	361	3,887	149	3,246	136	17	(s)	
December	17	(s)	3,163	133	17	433	83	350	3,907	20	3,493	147	19	2	
Total	223	3	41,060	1,725	220	4,078	2,730	1,348	3,907	-756	43,163	1,813	231	18	
2020															
January	17	(s)	3,196	134	17	336	31	305	4,312	ⁱ 394	3,107	130	17	2	
February	17	(s)	3,067	129	16	302	76	226	4,046	-266	3,559	149	19	1	
March	20	(s)	3,594	151	19	333	215	118	4,419	373	3,339	140	18	1	
April	19	(s)	3,407	143	18	611	526	85	4,392	-27	3,519	148	19	3	
May	19	(s)	3,505	147	19	475	496	-21	4,340	-51	3,535	148	19	1	
June	20	(s)	3,590	151	19	446	494	-48	4,318	-23	3,565	150	19	1	
July	21	(s)	3,849	162	21	346	341	5	3,878	-440	4,294	180	23	1	
August	21	(s)	3,872	163	21	234	524	-290	3,560	-318	3,900	164	21	2	
8-Month Total	153	2	28,080	1,179	150	3,083	2,704	379	3,560	-358	28,818	1,210	154	12	
2019 8-Month Total	152	2	28,049	1,178	150	2,634	2,196	438	3,860	-803	29,290	1,230	157	13	
2018 8-Month Total	154	2	28,427	1,194	152	2,216	1,856	360	3,425	-843	29,629	1,244	159	13	

^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 diesel fuel and other renewable fuels consumption. 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 2019 stocks value (3,919 thousand barrels), not the final 2019 value (3,907 thousand barrels) that is shown under "Stocks."

NA=Not available. - =No data reported. (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.