

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

	Biodiesel <sup>a</sup>													Other Renewable Fuels <sup>g,k</sup>
	Feed-stock <sup>b</sup>	Losses and Co-products <sup>c</sup>	Production			Trade			Stocks <sup>e</sup>	Stock Change <sup>f</sup>	Consumption			
						Imports	Exports	Net Imports <sup>d</sup>						
			TBtu	TBtu	Mbbl	MMgal	TBtu	Mbbl	Mbbl	Mbbl	Mbbl	Mbbl	Mbbl	
2001 Total .....	1	(s)	204	9	1	81	41	40	NA	NA	244	10	1	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	<sup>h</sup> 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	<sup>i</sup> 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 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	<sup>j</sup> 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
September .....	21	(s)	3,790	159	20	360	426	-66	3,220	-340	4,064	171	22	1
October .....	21	(s)	3,798	160	20	420	113	307	3,476	256	3,849	162	21	2
November .....	20	(s)	3,593	151	19	448	73	375	3,922	445	3,522	148	19	2
December .....	21	(s)	3,775	159	20	373	64	309	3,884	-38	4,122	173	22	2
Total .....	234	3	43,036	1,807	231	4,684	3,380	1,304	3,884	<sup>j</sup> -35	44,375	1,864	238	19
2021 January .....	17	(s)	3,115	131	17	228	222	6	4,565	681	2,440	102	13	<sup>k,R</sup> 10
February .....	13	(s)	2,406	101	13	263	122	141	4,253	-312	2,859	120	15	<sup>R</sup> 10
March .....	18	(s)	3,371	142	18	361	267	94	4,116	-137	3,603	151	19	13
3-Month Total .....	48	1	8,892	373	48	852	610	242	4,116	232	8,903	374	48	32
2020 3-Month Total .....	54	1	9,857	414	53	971	323	648	4,419	500	10,005	420	54	4
2019 3-Month Total .....	54	1	9,887	415	53	1,084	403	681	5,389	727	9,842	413	53	4

<sup>a</sup> Includes biodiesel only; excludes other biofuels. See "Biodiesel" and "Biofuels" in Glossary.

<sup>b</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>c</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>d</sup> Net imports equal imports minus exports.

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

<sup>g</sup> Other renewable diesel fuel and other renewable fuels consumption. See "Renewable Diesel Fuel (Other)" and "Renewable Fuels (Other)" in Glossary.

<sup>h</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>i</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>j</sup> 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."

<sup>k</sup> There is a discontinuity in this time series between 2020 and 2021 due to a change in the method for calculating consumption. See Table 10.4 sources at end of section.

R=Revised. 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: • MMbbl = 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.