

Table 10.4b Renewable Diesel Fuel Overview

	Feed-stock ^c	Losses and Co-products ^d	Production ^{a,e}			Trade ^{a,b}	Stocks ^{a,f}	Stock Change ^{a,g}	Consumption ^{a,h}		
						Imports					
			TBtu	TBtu	Mbbl	MMgal			TBtu	Mbbl	Mbbl
2011 Total	NA	NA	1,477	62	8	–	7	7	1,470	62	8
2012 Total	NA	NA	1,248	52	7	605	94	87	1,766	74	10
2013 Total	NA	NA	2,697	113	15	4,921	691	597	7,021	295	39
2014 Total	NA	NA	3,789	159	21	2,873	350	-341	7,003	294	38
2015 Total	NA	NA	4,211	177	23	4,874	634	284	8,801	370	48
2016 Total	NA	NA	5,750	241	32	5,304	1,315	681	10,373	436	57
2017 Total	NA	NA	6,151	258	34	4,509	753	-562	11,222	471	62
2018 Total	NA	NA	7,273	305	40	4,124	1,727	974	10,423	438	57
2019 Total	NA	NA	11,715	492	64	6,143	1,491	-236	18,094	760	99
2020 Total	NA	NA	12,702	533	70	6,658	1,287	-204	19,564	822	107
2021 Total	NA	NA	^e 20,503	^e 861	^e 113	9,340	2,353	1,066	28,777	1,209	158
2022 January	NA	NA	2,632	111	14	632	2,710	357	2,907	122	16
February	NA	NA	2,300	97	13	359	2,748	38	2,620	110	14
March	NA	NA	2,596	109	14	555	2,705	-43	3,194	134	18
April	NA	NA	2,837	119	16	392	2,872	167	3,062	129	17
May	NA	NA	3,008	126	17	649	3,273	401	3,256	137	18
June	NA	NA	2,948	124	16	536	2,742	-532	4,016	169	22
July	NA	NA	3,086	130	17	593	3,148	407	3,272	137	18
August	NA	NA	2,832	119	16	421	2,554	-594	3,847	162	21
September	NA	NA	3,289	138	18	304	2,698	144	3,450	145	19
October	NA	NA	3,079	129	17	451	2,235	-463	3,993	168	22
November	NA	NA	3,465	146	19	692	3,087	852	3,305	139	18
December	NA	NA	3,619	152	20	670	3,405	318	3,971	167	22
Total	NA	NA	35,692	1,499	196	6,254	3,405	1,053	40,893	1,718	225
2023 January	NA	NA	3,994	168	22	633	3,557	152	4,475	188	25
February	NA	NA	3,752	158	21	546	3,565	8	4,290	180	24
March	NA	NA	4,740	199	26	786	3,919	354	5,173	217	28
April	NA	NA	4,789	201	26	420	4,034	115	5,093	214	28
May	NA	NA	5,377	226	30	1,149	3,638	-397	6,923	291	38
June	NA	NA	5,482	230	30	681	3,421	-217	6,379	268	35
July	NA	NA	5,086	214	28	783	4,038	618	5,251	221	29
August	NA	NA	5,798	244	32	1,003	4,039	1	6,800	286	37
September	NA	NA	5,968	251	33	405	4,221	181	6,192	260	34
October	NA	NA	5,018	211	28	351	3,668	-553	5,921	249	33
November	NA	NA	5,321	223	29	813	4,985	1,317	4,817	202	26
December	NA	NA	6,420	270	35	1,052	5,478	493	6,979	293	38
Total	NA	NA	61,744	2,593	339	8,622	5,478	2,072	68,294	2,868	375
2024 January	NA	NA	5,649	237	31	855	6,379	902	5,603	235	31
February	NA	NA	5,624	236	31	999	6,290	-89	6,712	282	37
March	NA	NA	5,984	251	33	1,048	6,292	1	7,031	295	39
April	NA	NA	6,222	261	34	1,025	6,720	428	6,819	286	37
4-Month Total	NA	NA	23,480	986	129	3,927	6,720	1,242	26,165	1,099	144
2023 4-Month Total	NA	NA	17,274	726	95	2,385	4,034	629	19,031	799	105
2022 4-Month Total	NA	NA	10,365	435	57	1,938	2,872	519	11,784	495	65

^a Data are for "renewable diesel fuel," which is commonly called "non-ester renewable diesel" and "green diesel," and which is chemically similar to petroleum diesel fuel.

^b Data are for imports only; data for exports are not available.

^c Total vegetable oil and other biomass inputs to the production of renewable diesel fuel.

^d Losses and co-products from the production of renewable diesel fuel. Does not include natural gas, electricity, and other non-biomass energy used in the production of renewable diesel fuel—these are included in the industrial sector consumption statistics for the appropriate energy source.

^e Through 2020, production data are from U.S. Environmental Protection Agency. Beginning in 2021, production data are from EIA. See sources at end of section.

^f Stocks are at end of period. Includes renewable diesel fuel stocks at refineries and bulk terminals. Beginning in 2021, also includes renewable diesel fuel stocks at renewable fuel production plants.

^g A negative value indicates a decrease in stocks and a positive value indicates

an increase.

^h Consumption, which is calculated as production plus imports minus stock change, also includes amounts of exports that cannot currently be differentiated from consumption.

NA=Not available. –=No data reported.

Notes: • Mbbl = thousand barrels. MMgal = million U.S. gallons. TBtu = trillion Btu. • Renewable diesel fuel data in thousand barrels are converted to million gallons by multiplying by 0.042, and are converted to Btu by multiplying by 5.494 million Btu per barrel (the approximate heat content of renewable diesel fuel—see Table A1). • Through 2010, data are not available, or there is incomplete data coverage. Beginning in 2011, data not from 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 2011.

Sources: See end of section.