

Table 10.4b Renewable Diesel Fuel Overview

	Feed-stock ^b	Losses and Co-products ^c	Production ^{a,d}			Trade ^a			Stocks ^{a,f}	Stock Change ^{a,g}	Consumption ^{a,h}		
						Imports	Exports	Net Imports ^e					
	TBtu	TBtu	Mbbl	MMgal	TBtu	Mbbl	Mbbl	Mbbl	Mbbl	Mbbl	Mbbl	MMgal	TBtu
2011 Total	NA	NA	1,477	62	8	—	NA	—	7	7	1,470	62	8
2012 Total	NA	NA	1,248	52	7	605	NA	605	94	87	1,766	74	10
2013 Total	NA	NA	2,697	113	15	4,921	NA	4,921	691	597	7,021	295	39
2014 Total	NA	NA	3,789	159	21	2,873	NA	2,873	350	-341	7,003	294	38
2015 Total	NA	NA	4,211	177	23	4,874	NA	4,874	634	284	8,801	370	48
2016 Total	NA	NA	5,750	241	32	5,304	NA	5,304	1,315	681	10,373	436	57
2017 Total	NA	NA	6,151	258	34	4,509	NA	4,509	753	-562	11,222	471	62
2018 Total	NA	NA	7,273	305	40	4,124	NA	4,124	1,727	974	10,423	438	57
2019 Total	NA	NA	11,715	492	64	6,143	NA	6,143	1,491	-236	18,094	760	99
2020 Total	NA	NA	12,702	533	70	6,658	NA	6,658	1,287	-204	19,564	822	107
2021 Total	NA	NA	^d 20,503	^d 861	^d 113	9,340	NA	9,340	2,353	1,066	28,777	1,209	158
2022 Total	NA	NA	35,692	1,499	196	6,254	NA	6,254	3,405	1,053	40,893	1,718	225
2023 Total	NA	NA	61,895	2,600	340	8,622	NA	8,622	5,478	2,072	68,445	2,875	376
2024 January	NA	NA	5,707	240	31	860	NA	860	6,572	1,095	5,472	230	30
February	NA	NA	5,624	236	31	1,002	NA	1,002	6,517	-55	6,681	281	37
March	NA	NA	5,688	239	31	1,053	NA	1,053	6,670	152	6,588	277	36
April	NA	NA	6,222	261	34	1,030	NA	1,030	6,908	238	7,014	295	39
May	NA	NA	5,468	230	30	1,209	NA	1,209	5,957	-951	7,628	320	42
June	NA	NA	7,020	295	39	1,459	NA	1,459	6,720	762	7,717	324	42
July	NA	NA	6,835	287	38	1,600	NA	1,600	6,136	-584	9,019	379	50
August	NA	NA	6,648	279	37	1,359	NA	1,359	6,343	207	7,800	328	43
September	NA	NA	6,385	268	35	1,015	NA	1,015	6,104	-239	7,639	321	42
October	NA	NA	6,770	284	37	701	NA	701	6,108	4	7,467	314	41
November	NA	NA	6,797	285	37	145	NA	145	5,686	-422	7,364	309	40
December	NA	NA	6,889	289	38	961	NA	961	6,531	845	7,005	294	38
Total	NA	NA	76,054	3,194	418	12,394	NA	12,394	6,531	1,053	87,395	3,671	480
2025 January	NA	NA	5,189	218	29	1	163	-162	6,903	ⁱ 504	^h 4,523	^h 190	^h 25
February	NA	NA	4,416	185	24	442	543	-101	6,113	-789	5,104	214	28
March	NA	NA	5,413	227	30	177	641	-464	5,860	-253	5,202	218	29
April	NA	NA	5,082	213	28	33	1,264	-1,231	4,627	-1,233	5,085	214	28
May	NA	NA	6,233	262	34	154	1,009	-855	5,310	683	4,695	197	26
June	NA	NA	6,242	262	34	81	1,524	-1,443	6,591	1,282	3,518	148	19
July	NA	NA	6,224	261	34	230	1,594	-1,364	6,407	-185	5,045	212	28
August	NA	NA	5,670	238	31	441	1,339	-898	5,945	-461	5,233	220	29
September	NA	NA	6,464	271	36	347	1,543	-1,196	6,463	517	4,751	200	26
October	NA	NA	6,420	270	35	900	1,770	-870	6,388	-75	5,624	236	31
November	NA	NA	6,059	254	33	112	1,568	-1,456	6,598	210	4,393	185	24
December	NA	NA	6,076	255	33	475	1,223	-748	6,412	-186	5,514	232	30
Total	NA	NA	69,487	2,918	382	3,393	14,181	-10,788	6,412	ⁱ 13	58,687	2,465	322
2026 January	NA	NA	4,682	197	26	—	566	-566	7,163	751	3,365	141	18
February	NA	NA	4,703	198	26	225	1,410	-1,185	6,382	-781	4,299	181	24
March	NA	NA	6,413	269	35	250	1,017	-767	6,618	236	5,411	227	30
April	NA	NA	6,803	286	37	—	1,078	-1,078	6,708	90	5,635	237	31
May	NA	NA	7,587	319	42	—	1,865	-1,865	7,003	295	5,427	228	30
5-Month Total	NA	NA	30,189	1,268	166	475	5,936	-5,461	7,003	591	24,138	1,014	133
2025 5-Month Total	NA	NA	26,332	1,106	145	807	3,619	-2,812	5,310	-1,089	24,609	1,034	135
2024 5-Month Total	NA	NA	28,709	1,206	158	5,154	NA	5,154	5,957	479	33,384	1,402	183

^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. Beginning in 2025, exports data also include renewable jet fuel (sustainable aviation fuel).

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

^c 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.

^d 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.

^e Net imports equal imports minus exports.

^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 Through 2024, consumption, which is calculated as production plus imports minus stock change, also includes amounts of exports that cannot be differentiated from consumption. Beginning in 2025, consumption is calculated as production plus net imports minus stock change.

ⁱ Derived from the preliminary 2024 stocks value (6,399 thousand barrels), not the final 2024 value (6,531 thousand barrels) that is shown under "Stocks."

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.