

## Trade with World

Used Cooking Oil (UCO)	Exports of UCO			Imports of UCO		
	Period	Volume (Litres)	Value (USD)	Specify if value is ex-factory, F.O.B. (port, shipping point, etc), C.I.F. or some other value.	Volume (Litres)	Value (USD)
Q1 2021	103,797,465	101,882,860	Free Along Ship (F.A.S.)*	30,255,796	22,064,331	Customs Value**
Q2 2021	124,165,016	139,989,731	F.A.S.**	29,419,484	26,239,565	Customs Value**
Q3 2021	131,196,008	157,208,640	F.A.S.**	27,936,612	28,738,447	Customs Value**
Q4 2021	143,074,002	181,965,396	F.A.S.**	47,423,621	49,868,035	Customs Value**
Q1 2022	136,039,151	176,550,180	F.A.S.**	61,126,231	70,258,570	Customs Value**
Q2 2022	87,425,686	115,190,658	F.A.S.**	88,940,687	125,439,321	Customs Value**
Q3 2022	76,771,856	103,737,335	F.A.S.**	93,698,186	134,201,573	Customs Value**
Q4 2022	75,397,996	99,502,925	F.A.S.**	168,944,817	251,914,713	Customs Value**
Q1 2023	63,538,153	87,952,891	F.A.S.**	270,023,041	346,563,147	Customs Value**
Q2 2023	55,789,562	72,505,994	F.A.S.**	288,017,476	364,504,167	Customs Value**
Q3 2023	47,243,256	56,475,940	F.A.S.**	375,075,444	393,384,896	Customs Value**
Q4 2023	34,697,422	38,174,232	F.A.S.**	496,326,562	524,897,463	Customs Value**
Q1 2024	52,535,903	53,044,131	F.A.S.**	604,933,684	571,171,857	Customs Value**
Q2 2024	45,261,747	47,728,658	F.A.S.**	451,003,581	391,961,222	Customs Value**
Q3 2024	33,484,732	31,818,737	F.A.S.**	790,897,361	733,984,326	Customs Value**
Q4 2024	26,860,474	25,712,949	F.A.S.**	707,934,477	677,462,522	Customs Value**

Source: U.S. Census Data pulled via USDA Global Agricultural Trade System (GATS). HS code 151800 is used for UCO trade and HS code 150210 is used for tallow trade. Definitions of Free Along Ship (FAS) is noted below and found here: <https://www.census.gov/foreign-trade/reference/definitions/index.html>

**\*Free Along Ship (F.A.S.):** The value of exports at the U.S. seaport, airport, or border port of export, based on the transaction price, including inland freight, insurance, and other charges incurred in placing the merchandise alongside the carrier at the U.S. port of exportation. The value, as defined, excludes the cost of loading the merchandise aboard the exporting carrier and also excludes freight, insurance, and any charges or transportation costs beyond the port of exportation.

**\*\*Customs Value:** This does not include freight and insurance. The Customs value is the value of imports as appraised by the U.S. Customs and Border Protection in accordance with the legal requirements of the Tariff Act of 1930, as amended. This value is generally defined as the price actually paid or payable for merchandise when sold for exportation to the United States, excluding U.S. import duties, freight, insurance, and other charges incurred in bringing the merchandise to the United States.

Tallow	Exports of Tallow			Imports of Tallow		
	Period	Volume (Litres)	Value (USD)	Specify if value is ex-factory, F.O.B. (port, shipping point, etc), C.I.F. or some other value.	Volume (Litres)	Value (USD)
Q1 2021	145,974,443	141,022,738	F.A.S.**	50,138,585	51,179,930	Customs Value**
Q2 2021	87,279,224	104,805,536	F.A.S.**	81,477,717	95,798,857	Customs Value**
Q3 2021	120,360,353	167,006,625	F.A.S.**	109,402,229	153,785,961	Customs Value**
Q4 2021	118,923,902	184,232,833	F.A.S.**	105,730,570	157,064,165	Customs Value**
Q1 2022	116,698,708	168,172,145	F.A.S.**	86,986,927	131,415,452	Customs Value**
Q2 2022	67,812,871	101,589,547	F.A.S.**	148,753,458	246,097,271	Customs Value**
Q3 2022	89,634,085	114,116,836	F.A.S.**	135,902,808	226,696,272	Customs Value**
Q4 2022	79,048,896	76,198,385	F.A.S.**	206,256,641	340,501,823	Customs Value**
Q1 2023	56,217,681	76,845,203	F.A.S.**	150,039,587	239,804,791	Customs Value**
Q2 2023	33,503,927	46,159,053	F.A.S.**	174,341,469	232,514,033	Customs Value**
Q3 2023	30,533,489	45,258,175	F.A.S.**	194,136,109	259,407,430	Customs Value**
Q4 2023	40,908,479	58,454,796	F.A.S.**	300,674,304	400,947,897	Customs Value**
Q1 2024	35,346,693	41,713,839	F.A.S.**	253,710,827	270,602,865	Customs Value**
Q2 2024	64,833,879	70,270,195	F.A.S.**	171,413,488	170,532,661	Customs Value**
Q3 2024	47,463,992	54,466,292	F.A.S.**	265,571,192	270,512,611	Customs Value**
Q4 2024	37,775,828	41,932,046	F.A.S.**	226,880,292	221,778,989	Customs Value**

Source: U.S. Census Data pulled via USDA Global Agricultural Trade System (GATS). HS code 151800 is used for UCO trade and HS code 150210 is used for tallow trade. Definitions of Free Along Ship (FAS) is noted below and found here: <https://www.census.gov/foreign-trade/reference/definitions/index.html>

**\*Free Along Ship (F.A.S.):** The value of exports at the U.S. seaport, airport, or border port of export, based on the transaction price, including inland freight, insurance, and other charges incurred in placing the merchandise alongside the carrier at the U.S. port of exportation. The value, as defined, excludes the cost of loading the merchandise aboard the exporting carrier and also excludes freight, insurance, and any charges or transportation costs beyond the port of exportation.

**\*\*Customs Value:** This does not include freight and insurance. The Customs value is the value of imports as appraised by the U.S. Customs and Border Protection in accordance with the legal requirements of the Tariff Act of 1930, as amended. This value is generally defined as the price actually paid or payable for merchandise when sold for exportation to the United States, excluding U.S. import duties, freight, insurance, and other charges incurred in bringing the merchandise to the United States.

Volume data is reported in metric tons. The volumes reported in the attached document assume 1 metric ton of UCO/tallow is equal to 1,043.1738 liters, per the following conversions:

- 1 metric ton = 2,204.62 pounds
- 8 pounds = 1 gallon (for UCO/tallow)
- 1 gallon = 3.78541 liters

## Trade with UK

Used Cooking Oil (UCO)	Exports of UCO			Imports of UCO		
	Period	Volume (Litres)	Value (USD)	Specify if value is ex-factory, F.O.B. (port, shipping point, etc), C.I.F. or some other value.	Volume (Litres)	Value (USD)
Q1 2021	3,271,184	2,612,693	F.A.S.*	26,184	88,647	Customs Value**
Q2 2021	13,182,275	14,596,300	F.A.S.*	835	17,544	Customs Value**
Q3 2021	13,720,552	17,275,297	F.A.S.*	7,302	40,713	Customs Value**
Q4 2021	12,579,842	15,345,483	F.A.S.*	4,590	20,230	Customs Value**
Q1 2022	8,510,629	11,171,368	F.A.S.*	87,627	175,734	Customs Value**
Q2 2022	232,106	229,440	F.A.S.*	730	18,287	Customs Value**
Q3 2022	3,175,004	5,391,032	F.A.S.*	313	11,387	Customs Value**
Q4 2022	58,939	75,484	F.A.S.*	6,572	35,158	Customs Value**
Q1 2023	116,523	147,736	F.A.S.*	1,356	18,457	Customs Value**
Q2 2023	20,446	14,723	F.A.S.*	4,191,890	4,876,133	Customs Value**
Q3 2023	130,918	180,237	F.A.S.*	7,460,571	8,054,755	Customs Value**
Q4 2023	21,802	81,076	F.A.S.*	1,147	15,313	Customs Value**
Q1 2024	660,746	476,785	F.A.S.*	23,151,991	21,007,188	Customs Value**
Q2 2024	2,263,792	1,738,368	F.A.S.*	18,390,007	22,716,450	Customs Value**
Q3 2024	2,351,731	1,836,901	F.A.S.*	30,697,372	30,889,769	Customs Value**
Q4 2024	1,284,251	1,016,041	F.A.S.*	32,570,182	32,152,450	Customs Value**

Source: U.S. Census Data pulled via USDA Global Agricultural Trade System (GATS). HS code 151800 is used for UCO trade and HS code 150210 is used for tallow trade. Definitions of Free Along Ship (FAS) is noted below and found here: <https://www.census.gov/foreign-trade/reference/definitions/index.html>

**\*Free Along Ship (F.A.S.):** The value of exports at the U.S. seaport, airport, or border port of export, based on the transaction price, including inland freight, insurance, and other charges incurred in placing the merchandise alongside the carrier at the U.S. port of exportation. The value, as defined, excludes the cost of loading the merchandise aboard the exporting carrier and also excludes freight, insurance, and any charges or transportation costs beyond the port of exportation."

**\*\*Customs Value:** This does not include freight and insurance. The Customs value is the value of imports as appraised by the U.S. Customs and Border Protection in accordance with the legal requirements of the Tariff Act of 1930, as amended. This value is generally defined as the price actually paid or payable for merchandise when sold for exportation to the United States, excluding U.S. import duties, freight, insurance, and other charges incurred in bringing the merchandise to the United States.

Tallow	Exports of Tallow			Imports of Tallow		
	Period	Volume (Litres)	Value (USD)	Specify if value is ex-factory, F.O.B. (port, shipping point, etc), C.I.F. or some other value.	Volume (Litres)	Value (USD)
Q1 2021	0	0	F.A.S.*	0	0	Customs Value**
Q2 2021	0	0	F.A.S.*	0	0	Customs Value**
Q3 2021	0	0	F.A.S.*	0	0	Customs Value**
Q4 2021	0	0	F.A.S.*	0	0	Customs Value**
Q1 2022	0	0	F.A.S.*	0	0	Customs Value**
Q2 2022	0	0	F.A.S.*	0	0	Customs Value**
Q3 2022	0	0	F.A.S.*	0	0	Customs Value**
Q4 2022	0	0	F.A.S.*	0	0	Customs Value**
Q1 2023	0	0	F.A.S.*	0	0	Customs Value**
Q2 2023	0	0	F.A.S.*	0	0	Customs Value**
Q3 2023	0	0	F.A.S.*	0	0	Customs Value**
Q4 2023	0	0	F.A.S.*	0	0	Customs Value**
Q1 2024	0	0	F.A.S.*	0	0	Customs Value**
Q2 2024	0	0	F.A.S.*	0	0	Customs Value**
Q3 2024	13,874	13,750	F.A.S.*	0	0	Customs Value**
Q4 2024	0	0	F.A.S.*	832,453	891,362	Customs Value**

Source: U.S. Census Data pulled via USDA Global Agricultural Trade System (GATS). HS code 151800 is used for UCO trade and HS code 150210 is used for tallow trade. Definitions of Free Along Ship (FAS) is noted below and found here: <https://www.census.gov/foreign-trade/reference/definitions/index.html>

**\*Free Along Ship (F.A.S.):** The value of exports at the U.S. seaport, airport, or border port of export, based on the transaction price, including inland freight, insurance, and other charges incurred in placing the merchandise alongside the carrier at the U.S. port of exportation. The value, as defined, excludes the cost of loading the merchandise aboard the exporting carrier and also excludes freight, insurance, and any charges or transportation costs beyond the port of exportation."

**\*\*Customs Value:** This does not include freight and insurance. The Customs value is the value of imports as appraised by the U.S. Customs and Border Protection in accordance with the legal requirements of the Tariff Act of 1930, as amended. This value is generally defined as the price actually paid or payable for merchandise when sold for exportation to the United States, excluding U.S. import duties, freight, insurance, and other charges incurred in bringing the merchandise to the United States.

Volume data is reported in metric tons. The volumes reported in the attached document assume 1 metric ton of UCO/tallow is equal to 1,043.1738 liters, per the following conversions:

- 1 metric ton = 2,204.62 pounds
- 8 pounds = 1 gallon (for UCO/tallow)
- 1 gallon = 3.78541 liters

**Notes**

We included U.S. trade data with the world and with UK only. Please choose which data to provide.

1. The data is populated with U.S. Census data pulled via the USDA Global Agricultural Trade System (GATS). HS code 151800 is used for UCO trade and HS code 150210 is used for tallow trade.
2. While the vast majority of UCO and tallow consumption in the United States is used to make biomass-based diesel (BBD) production, it can be used for other purposes too. For example, beef tallow can be used in cooking, baking, cosmetics, and animal feed. Similarly, UCO can be used in animal feed, cosmetics, as a lubricant, and in other industrial applications. It is safe to assume the majority of UCO/tallow imports are for biofuels, but cannot confirm that all imports are for BBD production.
3. Volume data is reported in metric tons. The volumes reported in the attached document assume 1 metric ton of UCO/tallow is equal to 1,043.1738 liters, per the following conversions:
  - a. 1 metric ton = 2,204.62 pounds
  - b. 8 pounds = 1 gallon (for UCO/tallow)
  - c. 1 gallon = 3.78541 liters

**Terminology Note:** We use the term Hydrogen Derived Renewable Diesel (HDRD) instead of Hydrotreated Vegetable Oil (HVO) because HVO is by definition only made from vegetable oils, while HDRD encompasses renewable diesel made from all feedstocks. Thus, you could never have HVO made from beef tallow