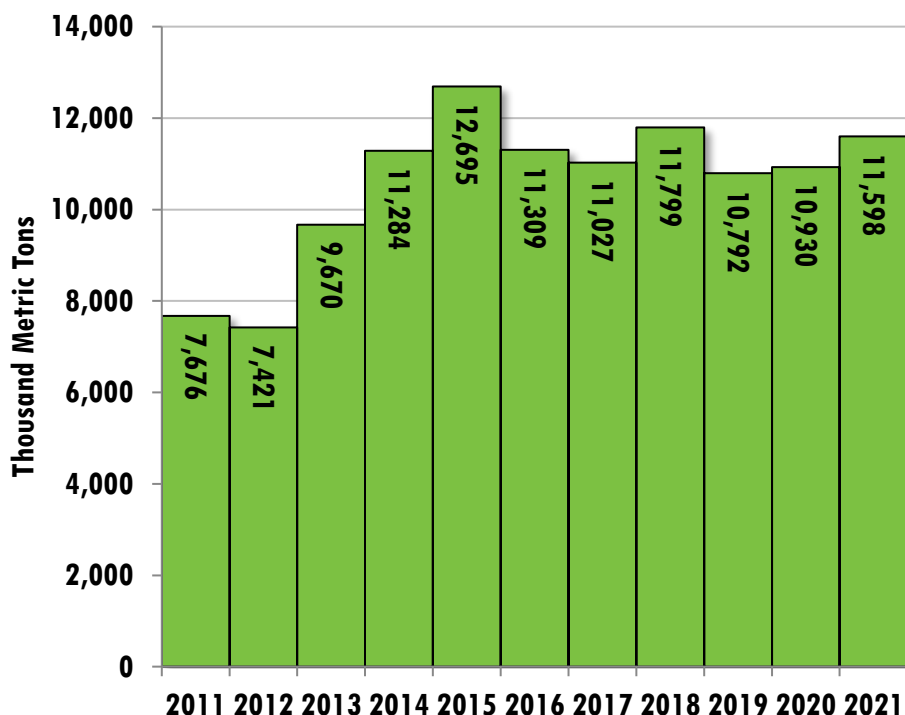


2021 U.S. DISTILLERS GRAINS EXPORTS & IMPORTS STATISTICAL SUMMARY



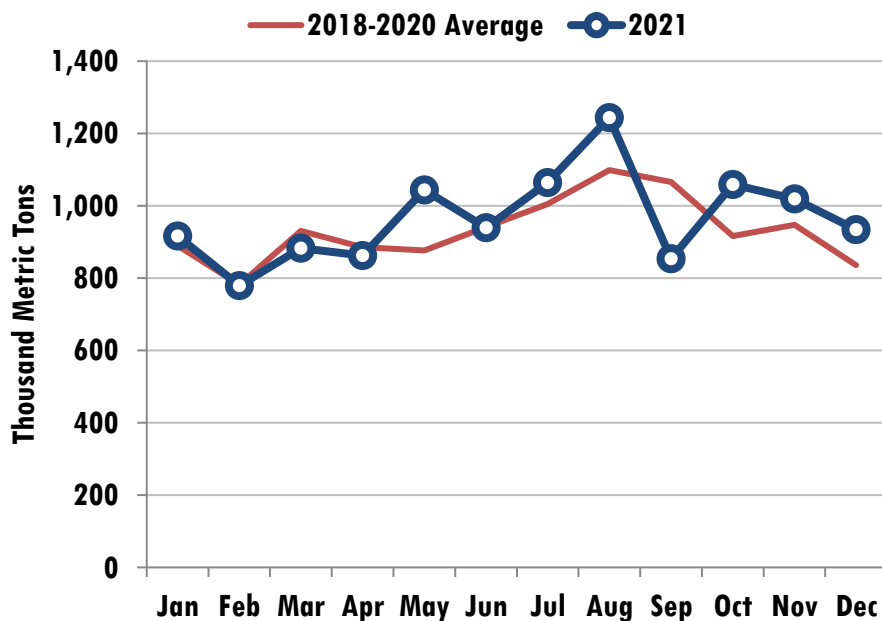
2021 U.S. DISTILLERS GRAINS EXPORTS

Annual U.S. Distillers Grains Exports



U.S. exports of distillers grains (DGs)—a high-quality feed ingredient produced by dry-mill ethanol facilities—**rose to 11.6 million metric tons (MMT) in 2021, the third-highest volume on record.** DGs were exported to more than **50 countries** on six continents.

Monthly Distillers Grains Exports

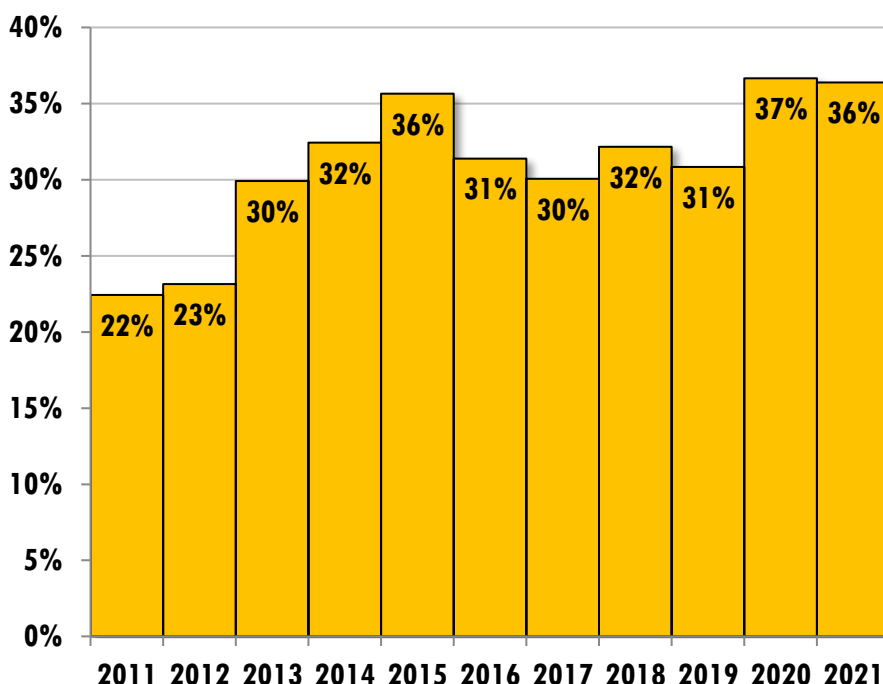


Monthly exports followed a typical seasonal pattern and exceeded **1.2 MMT** in August—**close to the record levels** reached in mid-2015.

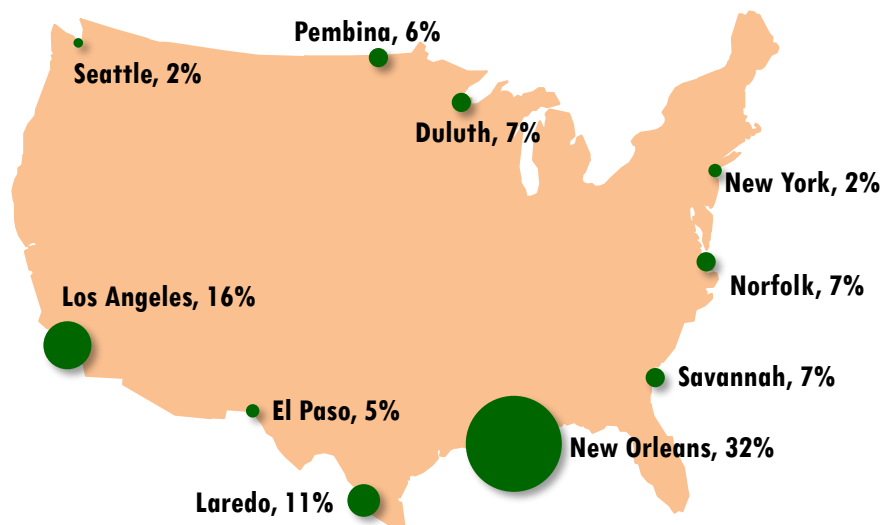
2021 U.S. DISTILLERS GRAINS EXPORTS

Exports are a vital component of the market for distillers grains. Over **36%** of U.S. DG output was exported in 2021, **just shy of the record** set in 2020.

Export Share of U.S. Distillers Grains Production



Top Ports of Exit for 2021 U.S. Distillers Grains Exports



U.S. DG exports left the country through **25 ports and exit points** in 2021 (the top 10 by volume are shown on the map). **New Orleans** again handled the most tonnage, followed by **Los Angeles** and **Laredo**.

U.S. DISTILLERS GRAINS EXPORTS: TOP MARKETS

Top Markets for U.S. Distillers Grains Exports in 2021



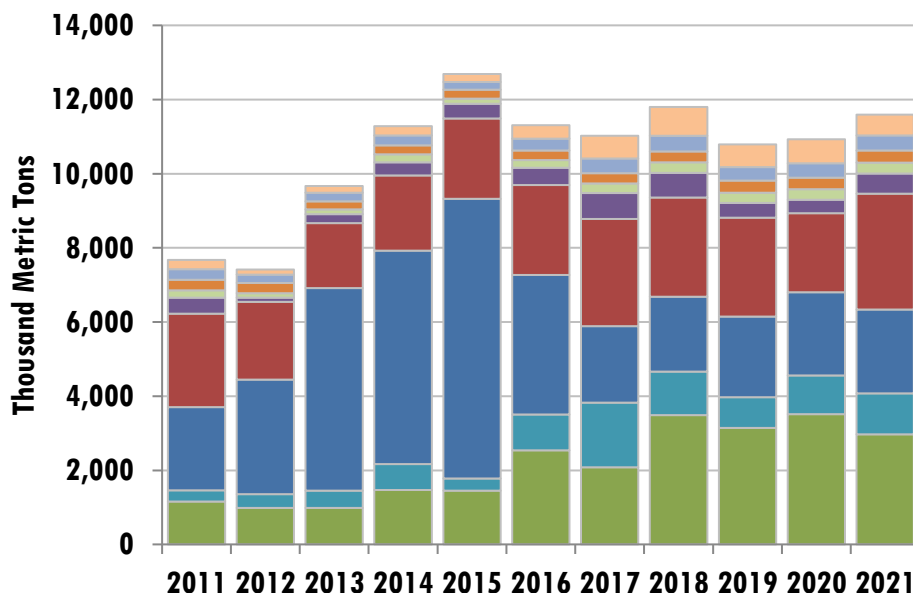
Country	2021 Total <i>Metric Tons</i>	2020 Total <i>Metric Tons</i>	Change <i>%</i>
Mexico	2,382,841	1,732,282	+38%
Vietnam	1,415,618	1,280,377	+11%
South Korea	1,141,487	1,263,476	-10%
Indonesia	887,264	934,261	-5%
Turkey	832,611	790,455	+5%
Canada	745,798	397,450	+88%
China	459,107	271,697	+69%
Japan	425,740	463,118	-8%
Ireland	365,307	291,278	+25%
Thailand	356,403	848,838	-58%

The rankings of the top four destinations for U.S. DG exports in remained the same in 2021. **Mexico accounted for 21%** of total shipments. Exports to Mexico, Canada and China exhibited **strong growth**.

U.S. DISTILLERS GRAINS EXPORT COMPOSITION

U.S. Distillers Grains Exports by Region

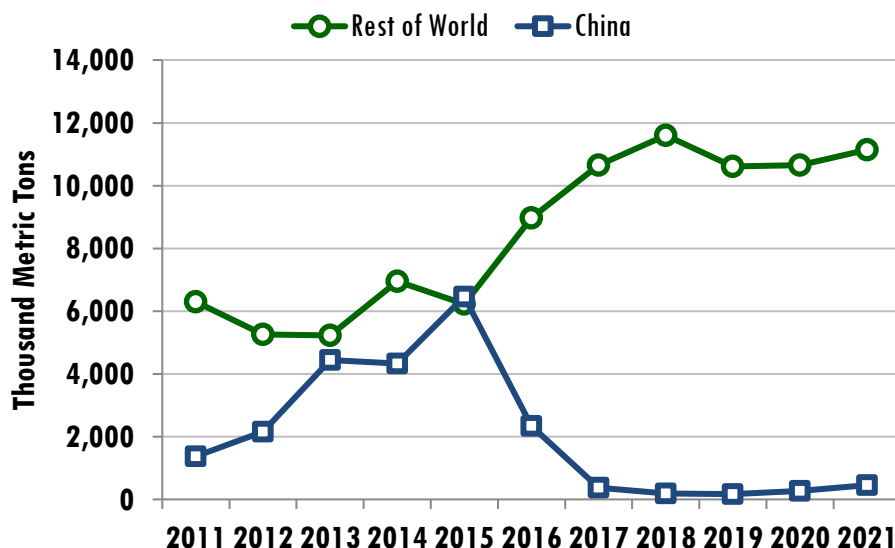
Southeast Asia Middle East East Asia
 North America European Union South America
 Central America North Africa All Others



Note: European Union excludes the United Kingdom.

Due in part to logistical issues affecting overseas shipments, exports to other **North American countries** grew **significantly**, while exports to **Southeast Asia** declined.

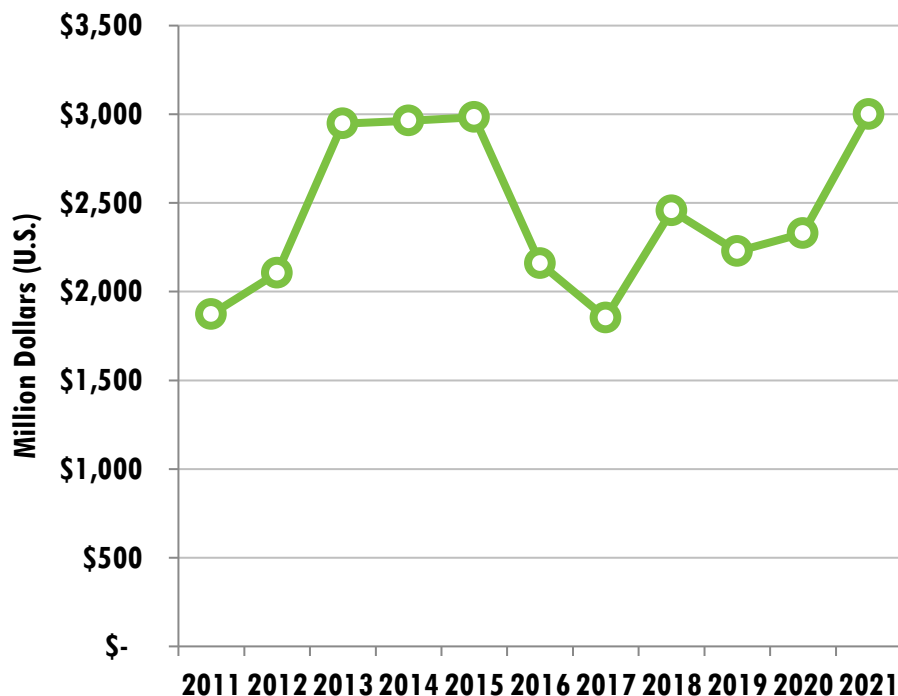
U.S. DG Exports to China and Rest of World



Exports to **China** grew approximately 70%, making it the **7th largest destination** for U.S.-produced DGs. Still, volume growth was moderate compared to other feedstuffs, and total shipments remained far below levels experienced from 2012 to 2016.

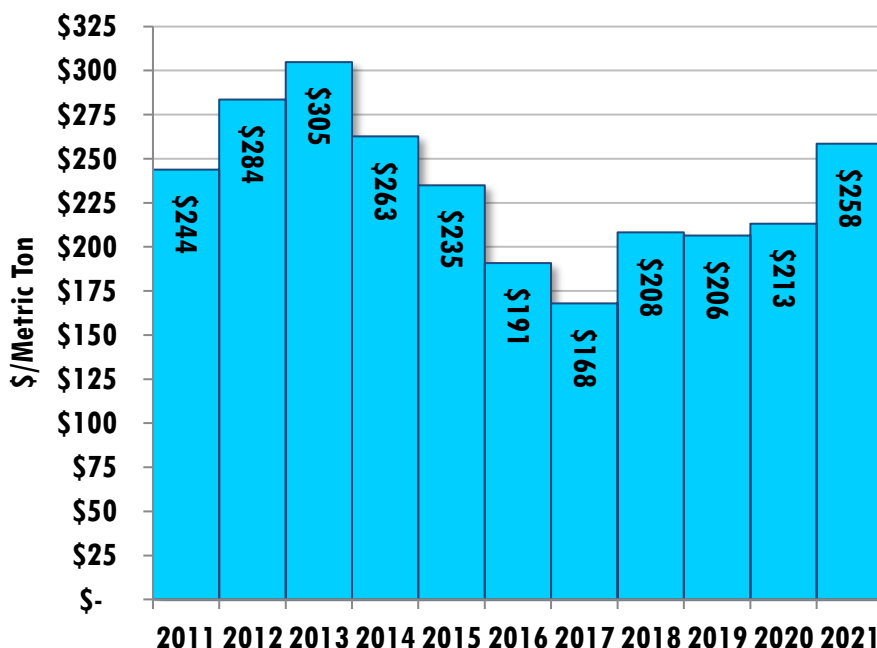
U.S. DISTILLERS GRAINS EXPORTS: **VALUE**

Total Value of U.S. Distillers Grains Exports



The value of U.S. DG exports hit a **record \$3.00 billion** in 2021, as both shipments and prices increased. DGs continue to be an **important revenue source** for dry-mill ethanol facilities.

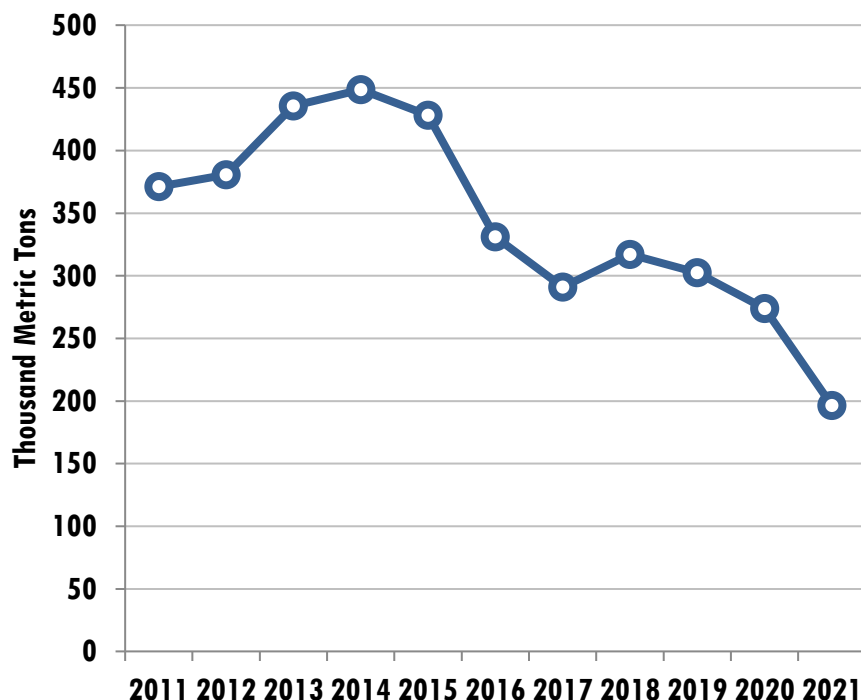
U.S. Distillers Grains Export Price per Metric Ton



The unit value of U.S. DG exports rose to **\$258 per MT** in 2021, as prices of **agricultural commodities** strengthened.

2021 U.S. DISTILLERS GRAINS **IMPORTS**

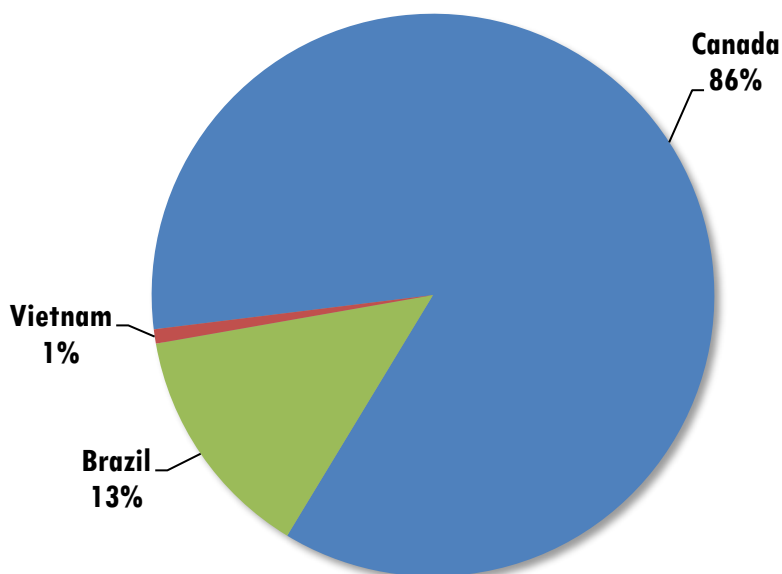
Annual U.S. Distillers Grains Imports



U.S. imports of DGs fell to **196,000 MT** in 2021, **down more than 25%** from 2020 and the **lowest level in over a decade**. Imports accounted for only **1%** of U.S. DG consumption and were equivalent to less than **2%** of exports.

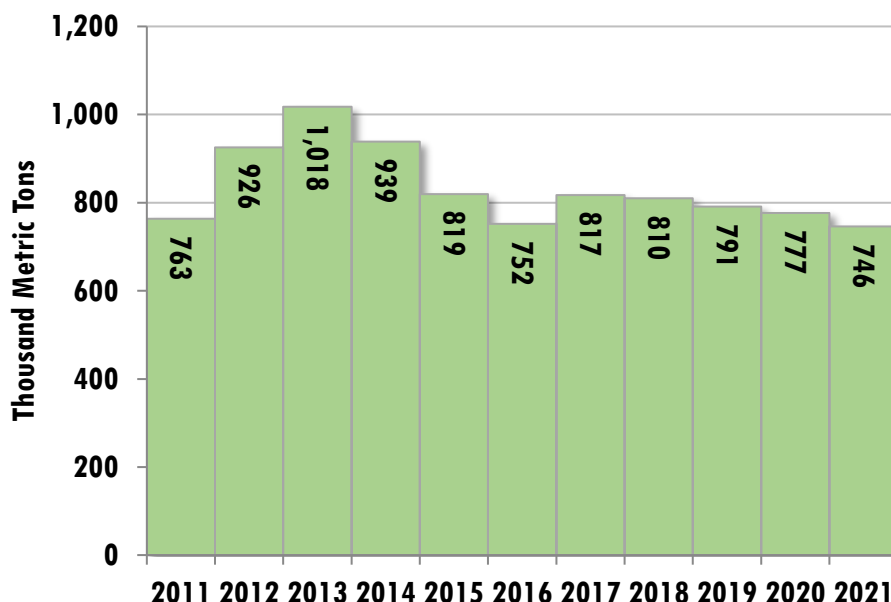
2021 Top Suppliers of U.S. DG Imports

Canada was again the top supplier of DGs imported into the U.S., shipping **168,000 MT**. **Brazil** was the only other exporter of significant DG volumes to the U.S. market.



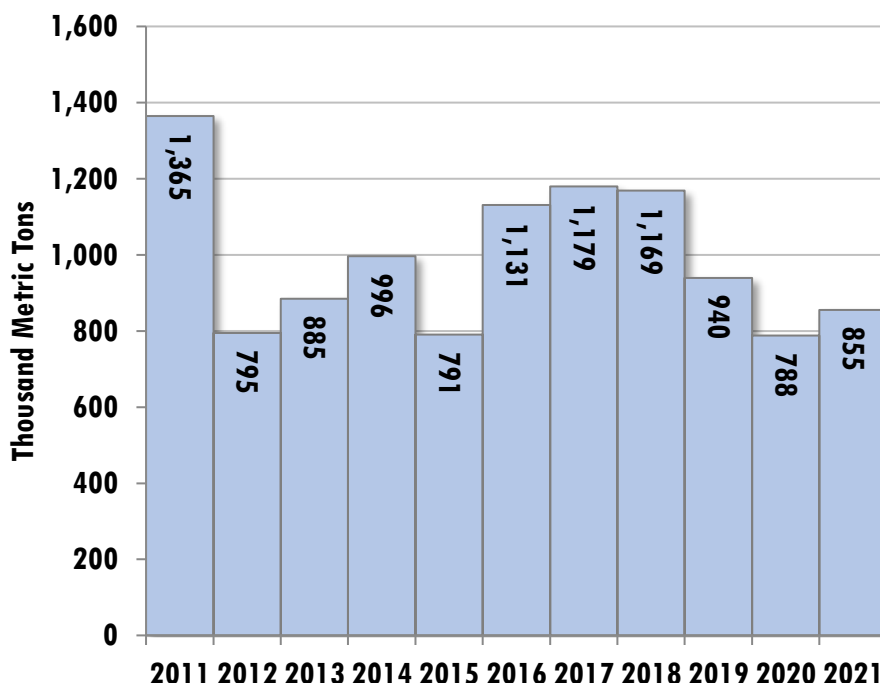
2021 EXPORTS OF OTHER CO-PRODUCTS

Annual U.S. Corn Gluten Meal Exports



U.S. exports of corn gluten meal—a feed co-product made by ethanol wet mills—declined slightly to **746,000 MT** in 2021. **Chile, Indonesia** and **Colombia** were the top destinations.

Annual U.S. Corn Gluten Feed Exports



U.S. exports of corn gluten feed—also a co-product made by wet-mill ethanol facilities—rebounded to **855,000 MT** in 2021. Similar to the previous few years, more than **two-thirds** of shipments went to **Ireland** and **Israel**.

ABOUT THE DATA IN THIS REPORT

U.S. Co-product Export and Import Data

- The export and import data in this report include products classified under the following Harmonized Tariff Schedule (HTS) codes:
 - **2303300000**: Brewing or distilling dregs and waste (Distillers Grains)
 - **2303100010**: Residues of starch manufacture and similar residues: Corn gluten feed
 - **2303100020**: Residues of starch manufacture and similar residues: Corn gluten meal

Sources

- All data in this report come from the U.S. Census Bureau, U.S. Department of Commerce, U.S. Department of Agriculture, and U.S. International Trade Commission.

The Renewable Fuels Association publishes **monthly** summaries of export and import data for ethanol and distillers dried grains in its [Trade Monitor](#).

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