



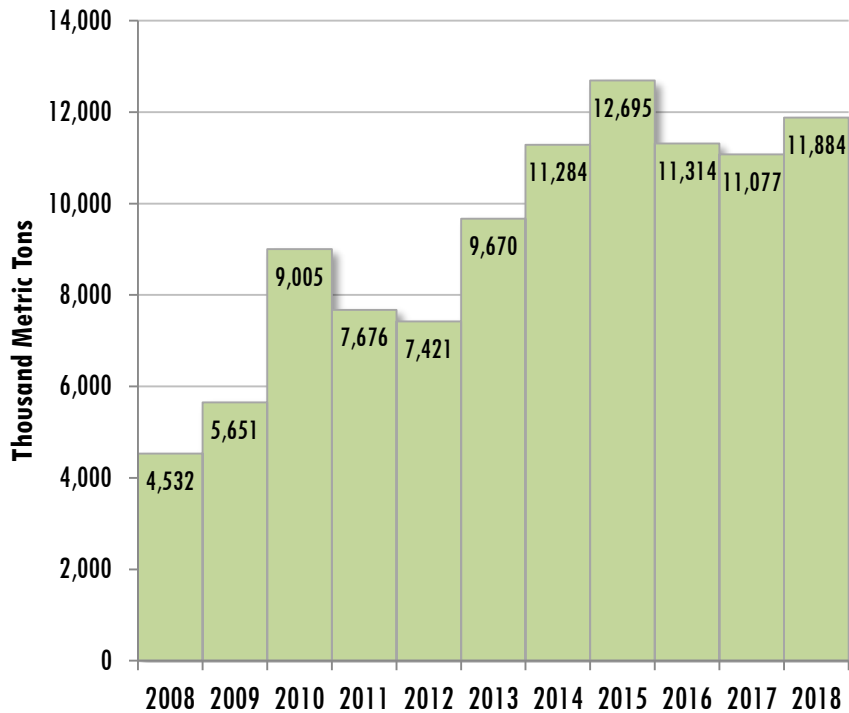
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2018 U.S. DISTILLERS GRAINS EXPORTS AND IMPORTS

Statistical Summary

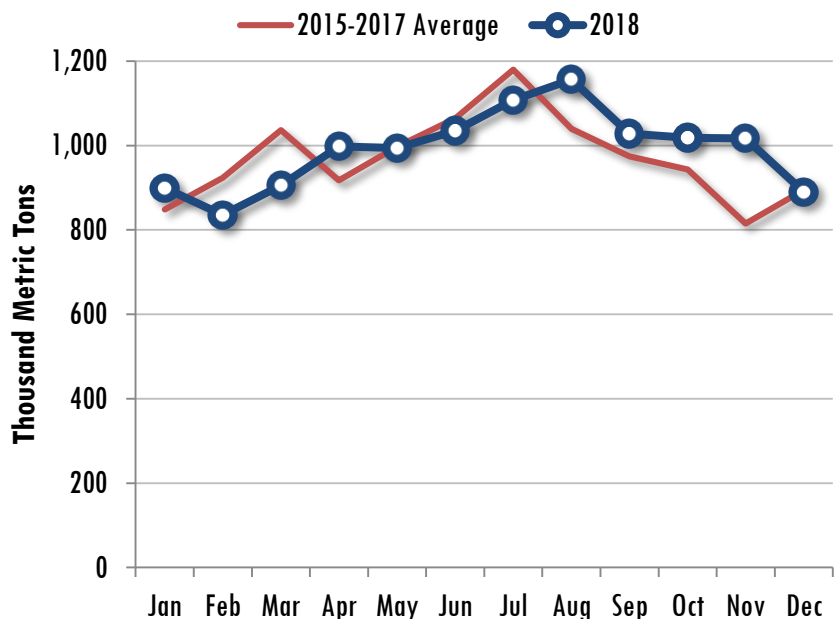
2018 U.S. DISTILLERS GRAINS EXPORTS

Annual U.S. Distillers Grains Exports



U.S. exports of distillers grains (DG)—a co-product of dry-mill ethanol production—were the **second-highest on record** in 2018, totaling **11.88 million metric tons (MMT)**. Shipments rebounded 7% from 2017. Exports were shipped to **50 countries on six continents** last year, demonstrating the global reach of U.S.-produced DG.

Monthly Distillers Grains Exports

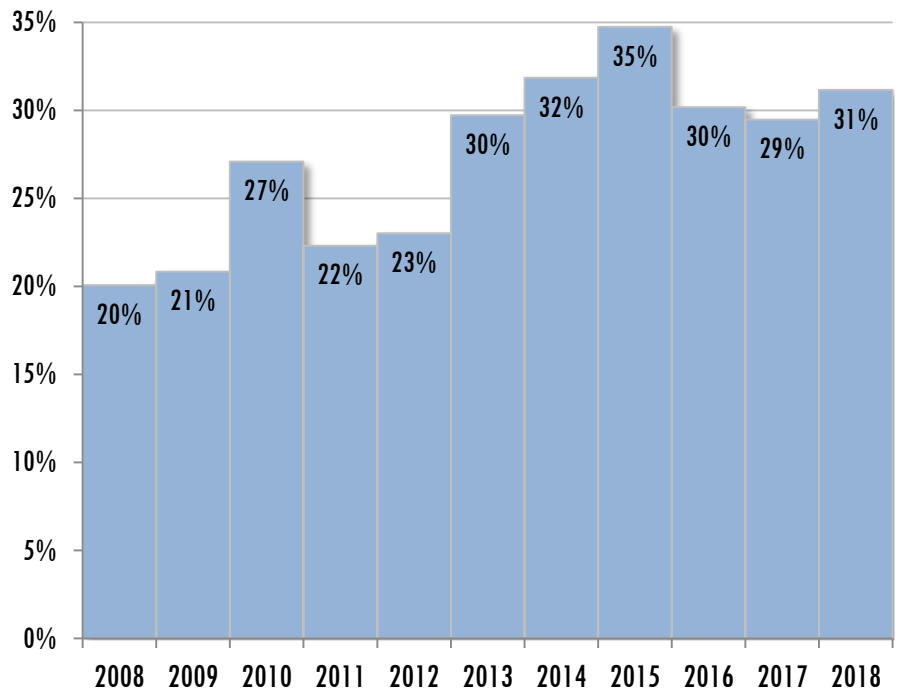


Monthly exports exceeded 1 MMT from June through November. They peaked at **1.16 MMT** in August, which was the highest level since August 2016, the month before China imposed anti-dumping and countervailing duties on U.S. DG.

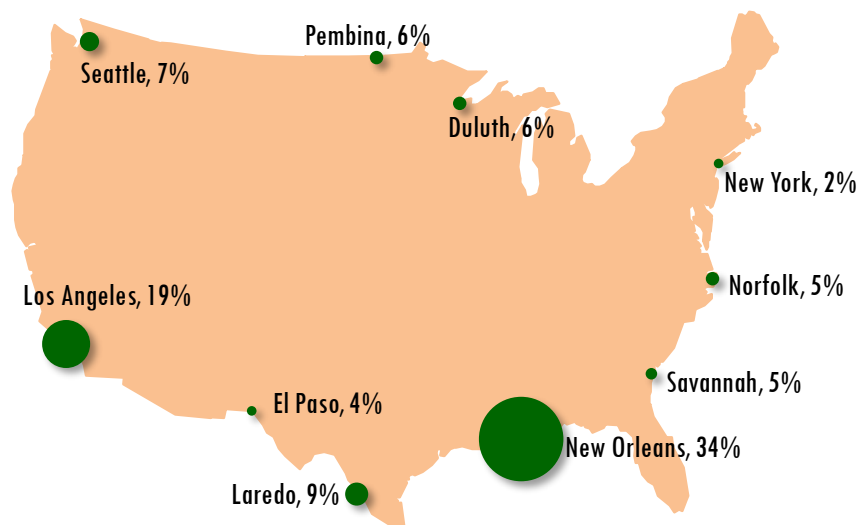
2018 U.S. DISTILLERS GRAINS EXPORTS

An estimated **31%** of U.S. DG production was exported in 2018, meaning nearly one out of every three tons produced was shipped to foreign markets. That represented a rebound from the previous two years.

Export Share of U.S. Distillers Grains Production



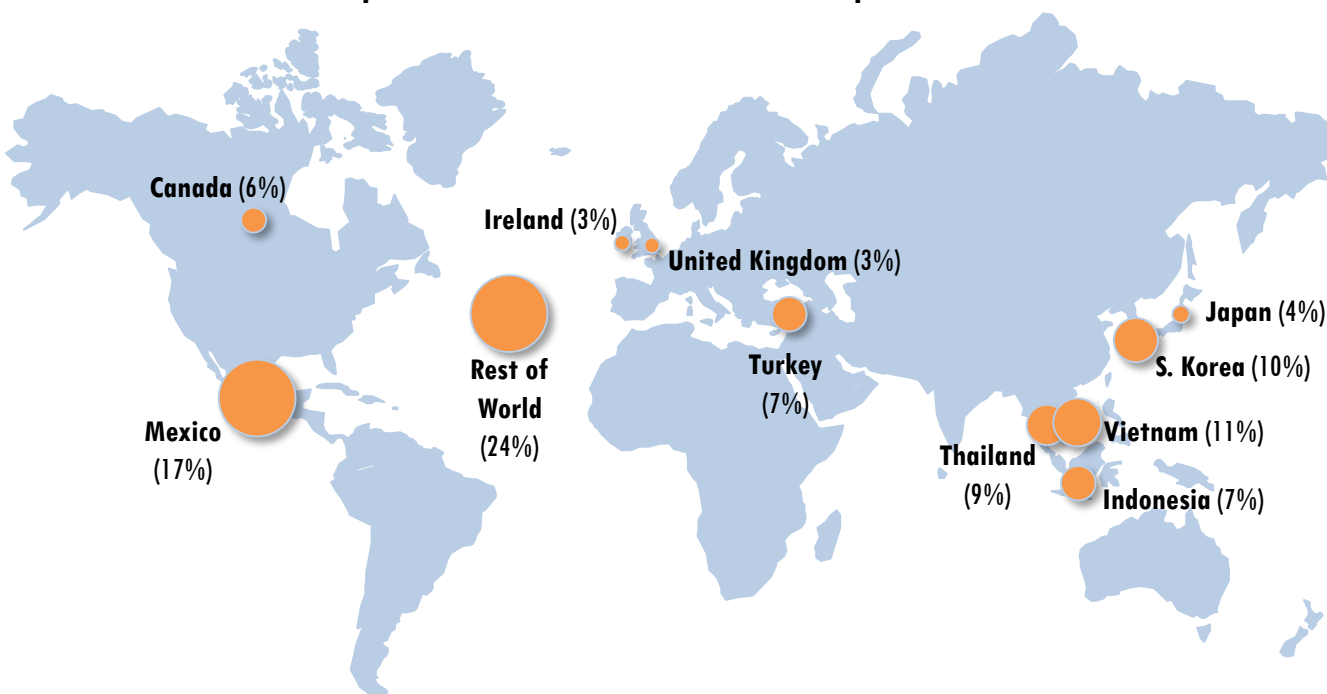
Top Ports of Exit for 2018 U.S. Distillers Grains Exports



U.S. DG exports left the country through more than **20 ports of exit** in 2018, with the top 10 ports by volume shown on the map. **New Orleans** again handled the most tonnage of outbound DG, followed by **Los Angeles** and **Laredo**.

U.S. DISTILLERS GRAINS EXPORTS: TOP MARKETS

Top Markets for U.S. Distillers Grains Exports in 2018



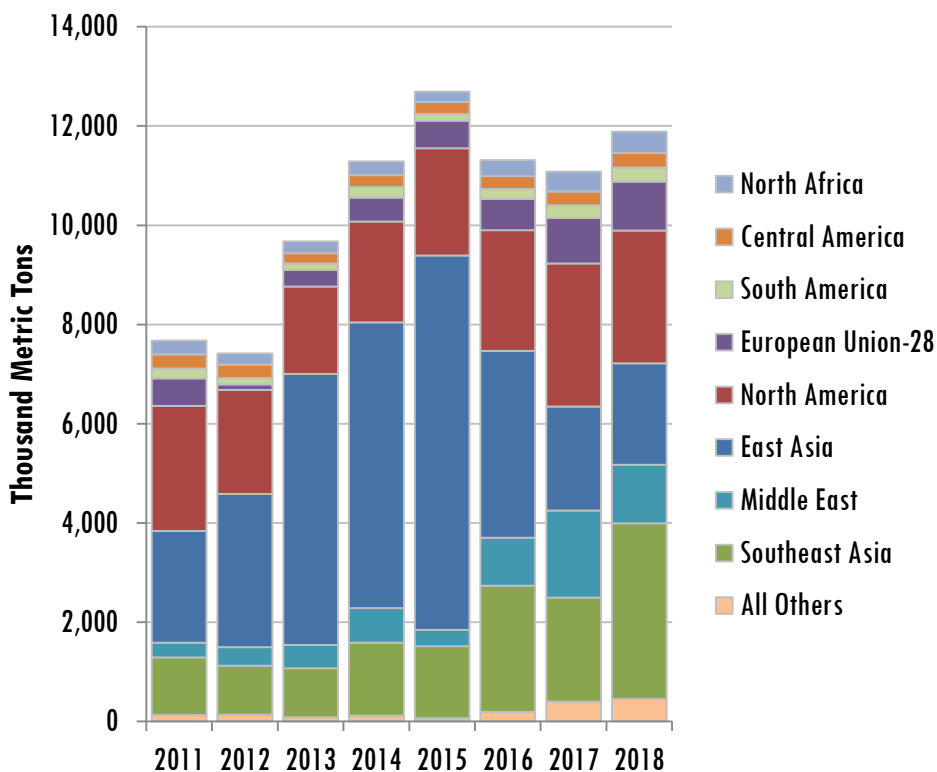
Country	2018 Total <i>Metric Tons</i>	2017 Total <i>Metric Tons</i>	Change <i>%</i>
Mexico	2,012,467	2,184,385	-8%
Vietnam	1,250,749	308,278	+306%
Korea, South	1,148,768	962,652	+19%
Thailand	1,039,360	738,413	+41%
Turkey	887,129	1,417,099	-37%
Indonesia	853,504	728,750	+17%
Canada	664,324	707,213	-6%
Japan	466,815	473,528	-1%
Ireland	396,265	347,360	+14%
United Kingdom	323,780	213,394	+52%

Mexico remained the **top destination** for U.S. DG exports in 2018, **taking 17%** of the total. Shipments to **Vietnam** rebounded strongly, making it the **second-largest destination**, with an **11% share**. **South Korea (10%), Thailand (9%) and Turkey (7%)** continued as top-five markets. Exports to **China** fell further after plunging 84% in 2017 due to the imposition of duties; it ranked 17th in 2018, accounting for only 2% of U.S. exports.

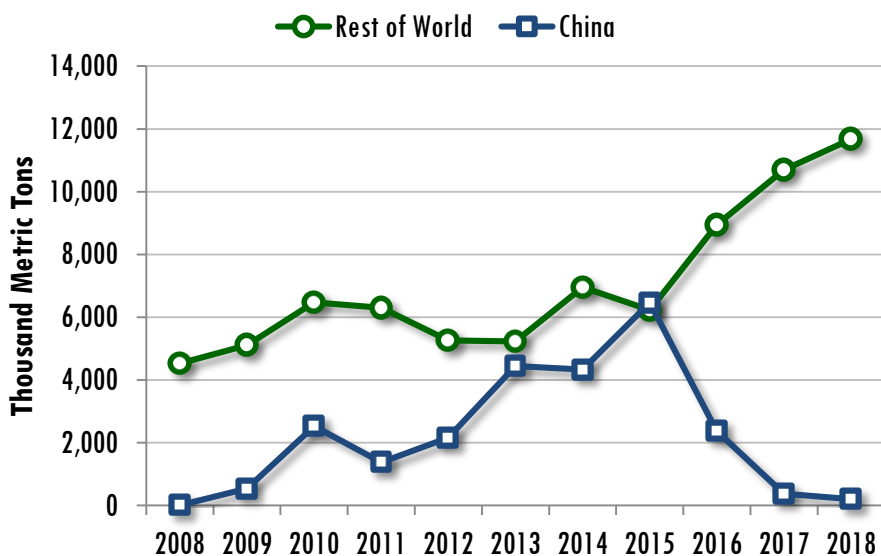
U.S. DISTILLERS GRAINS EXPORTS: MARKET SHIFTS

U.S. Distillers Grains Exports by Region

DG exports to **Southeast Asia** surged, as Vietnam returned as a large-scale buyer and shipments to Thailand and Indonesia expanded. Exports to **East Asia** remained limited, due to Chinese duties. Shipments to the **European Union** grew, as did exports to **North Africa** and **Central America**, showing the breadth of the market for U.S. DGs.



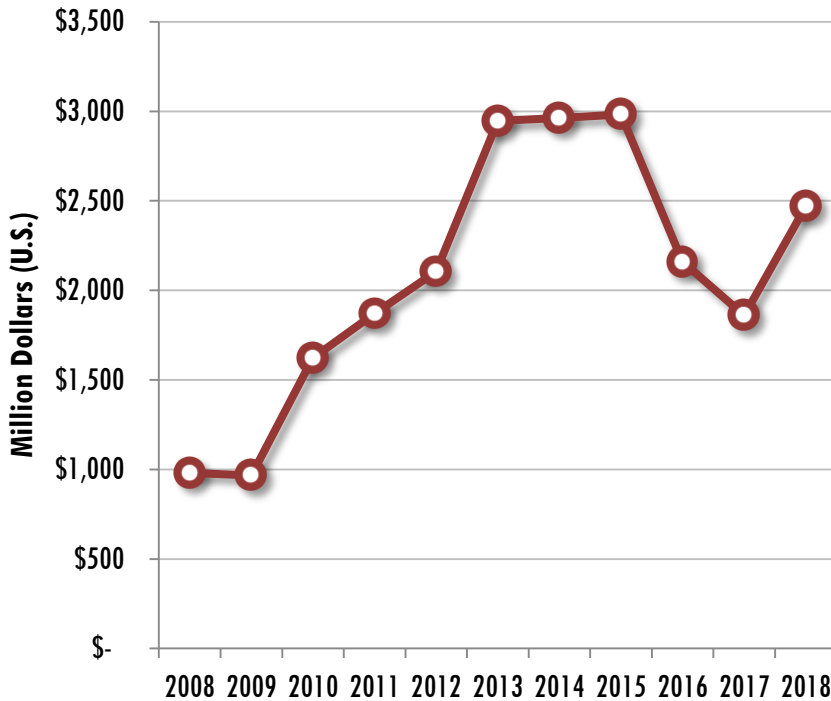
U.S. Distillers Grains Exports to China and Rest of World



After serving as the top destination for U.S. DG exports five years in a row, **China** fell to eighth place in 2017 and 17th in 2018. Just **2%** of U.S. DG exports went to China in 2018, after the country accounted for **51%** of the record exports experienced in 2015. The collapse in exports to China resulted from the country's imposition of **punitive tariffs** on U.S. DG.

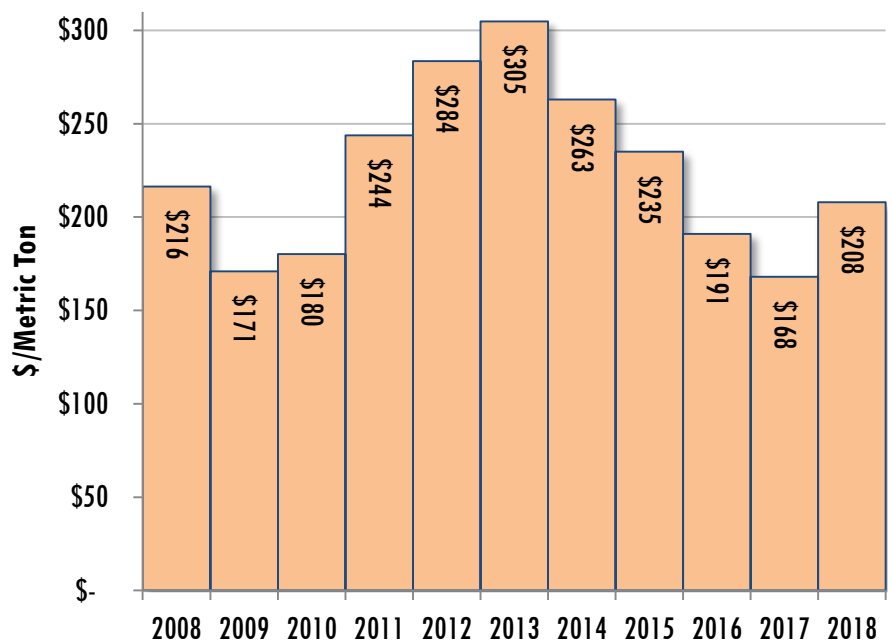
U.S. DISTILLERS GRAINS EXPORTS: VALUE

Total Value of U.S. Distillers Grains Exports



U.S. DG exports had an aggregate value of **\$2.47 billion** in 2018, **up 33%** from 2017 based on larger shipments and higher unit prices.

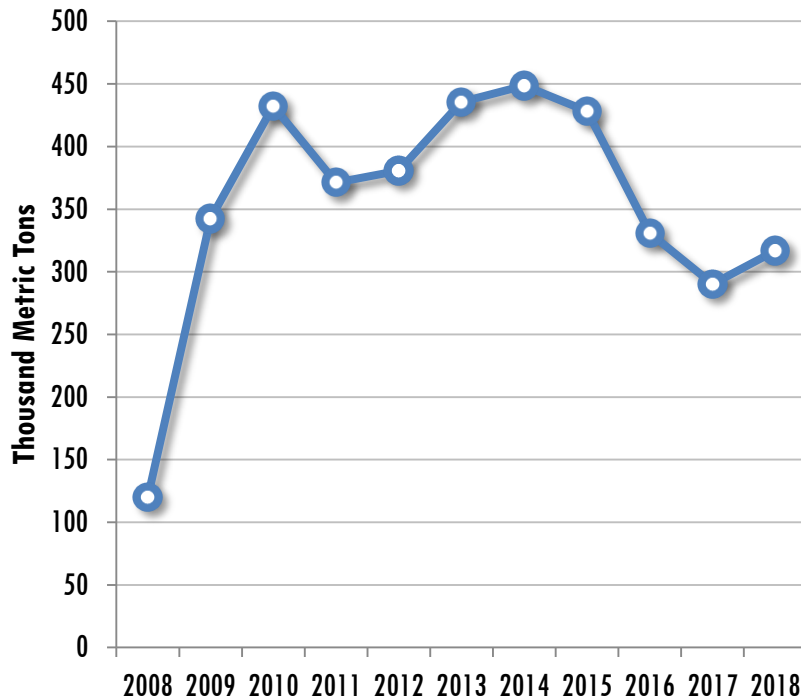
U.S. Distillers Grains Export Price per Metric Ton



Unit values for U.S. DG exports rebounded to **\$208 per MT** in 2018, **up 24%** from 2017 and the highest in three years.

2018 U.S. DISTILLERS GRAINS IMPORTS

Annual U.S. Distillers Grains Imports

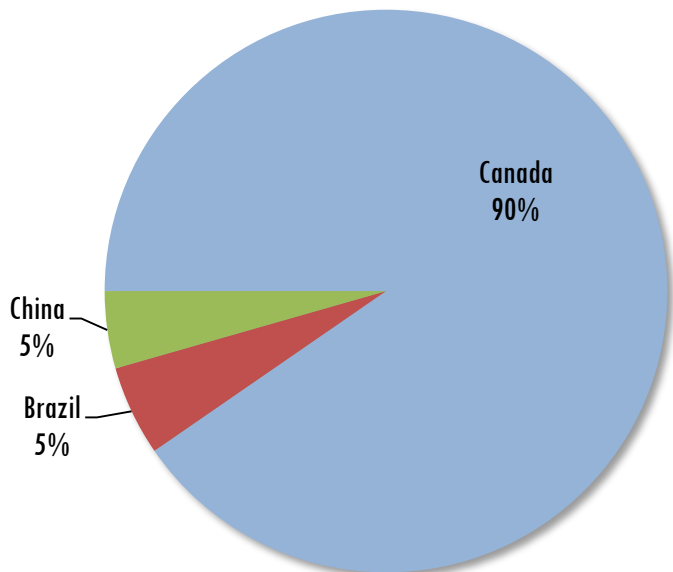


The United States imported **317,000 MT** of DG in 2018, **up 9%** from 2017 but still considerably less than levels experienced over most of the last decade. U.S. DG imports were equivalent to just **3%** of DG exports and **1%** of domestic DG consumption.

2018 Top Suppliers of U.S. DG Imports

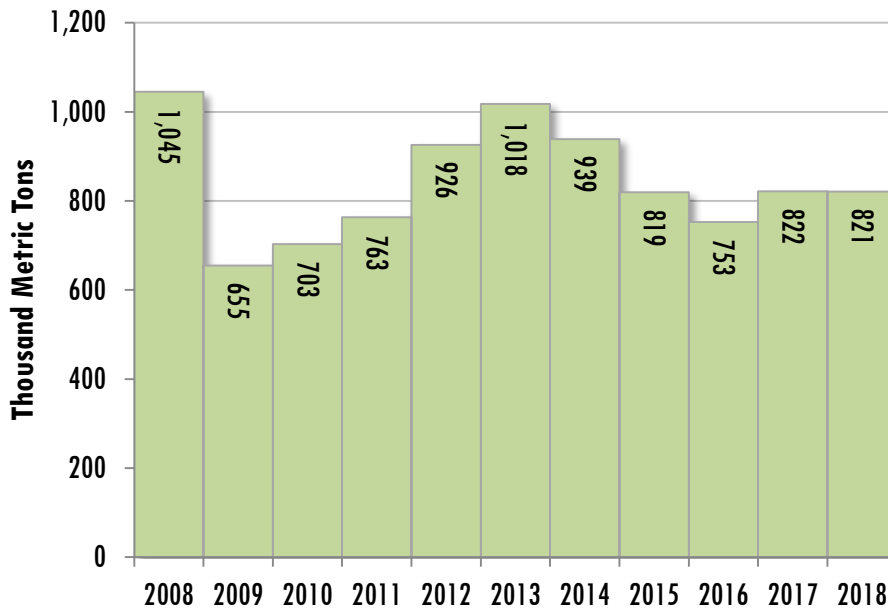
Canada was again the top supplier of U.S. DG imports in 2018, shipping **286,000 MT** to the United States.

Brazil and **China** were the only other two significant DG exporters to the U.S. market in 2018.



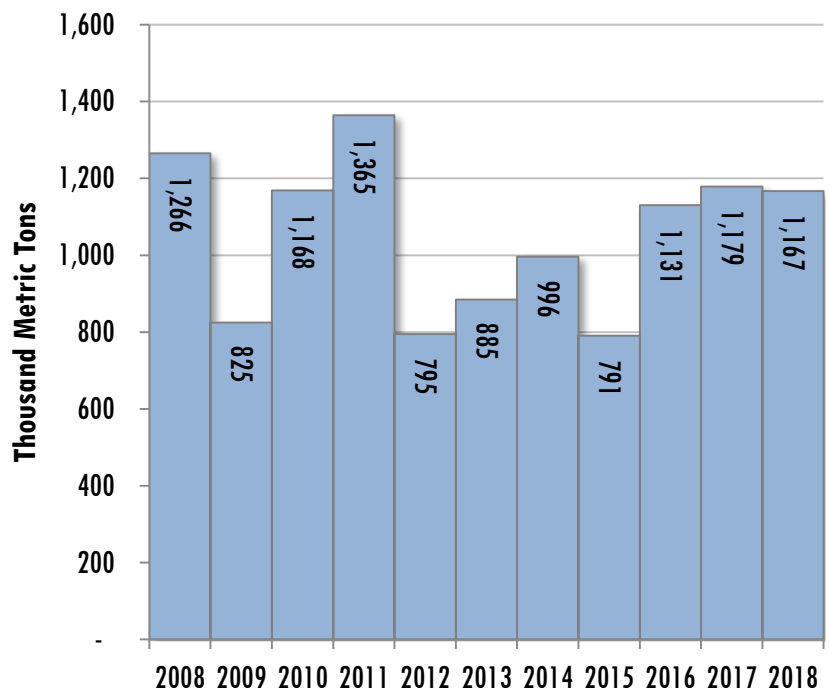
2018 EXPORTS OF OTHER CO-PRODUCTS

Annual U.S. Corn Gluten Meal Exports



U.S. exports of corn gluten meal—a feed co-product made by ethanol wet mills—totaled **821,000 MT** in 2018. **Indonesia, Chile, and Egypt** were top destinations.

Annual U.S. Corn Gluten Feed Exports



U.S. exports of corn gluten feed (CGF)—a feed co-product from ethanol wet mills—were **1.17 MMT** in 2018, down slightly from 2017. **Ireland, Israel and the United Kingdom** accounted for **76%** of total U.S. CGF exports.

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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