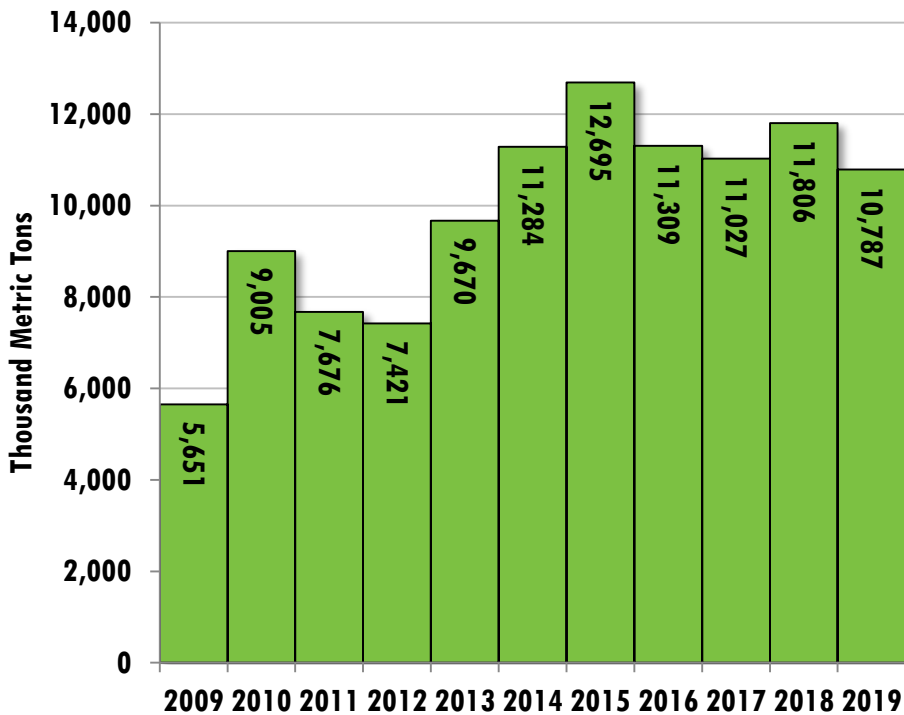


2019 U.S. DISTILLERS GRAINS EXPORTS AND IMPORTS Statistical Summary



2019 U.S. DISTILLERS GRAINS EXPORTS

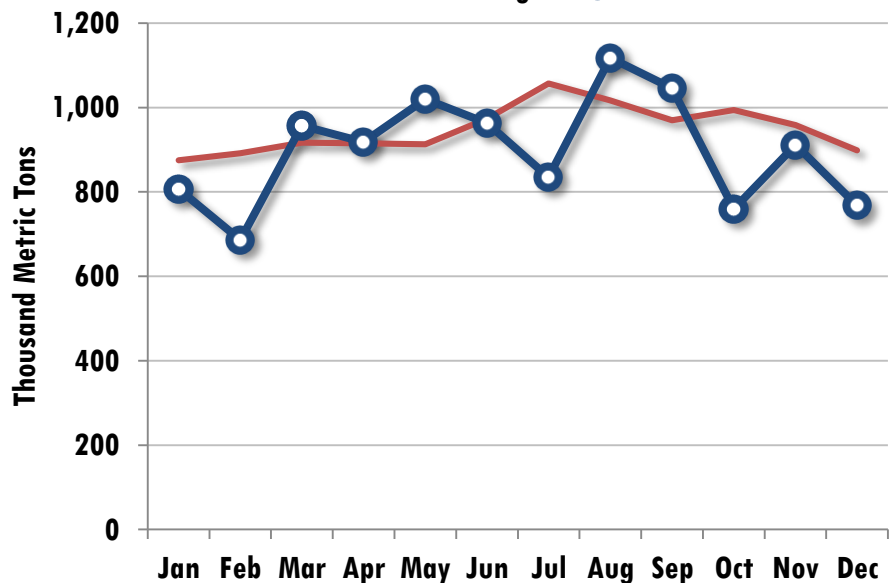
Annual U.S. Distillers Grains Exports



U.S. exports of distillers grains (DG)—a co-product of dry-mill ethanol production—exceeded **10 million metric tons (MMT)** for the sixth straight year in 2019. Distillers grains were exported to more than **50 countries on six continents**, demonstrating the widespread interest in DG as a high-quality feed ingredient.

Monthly Distillers Grains Exports

— 2016-2018 Average ● 2019

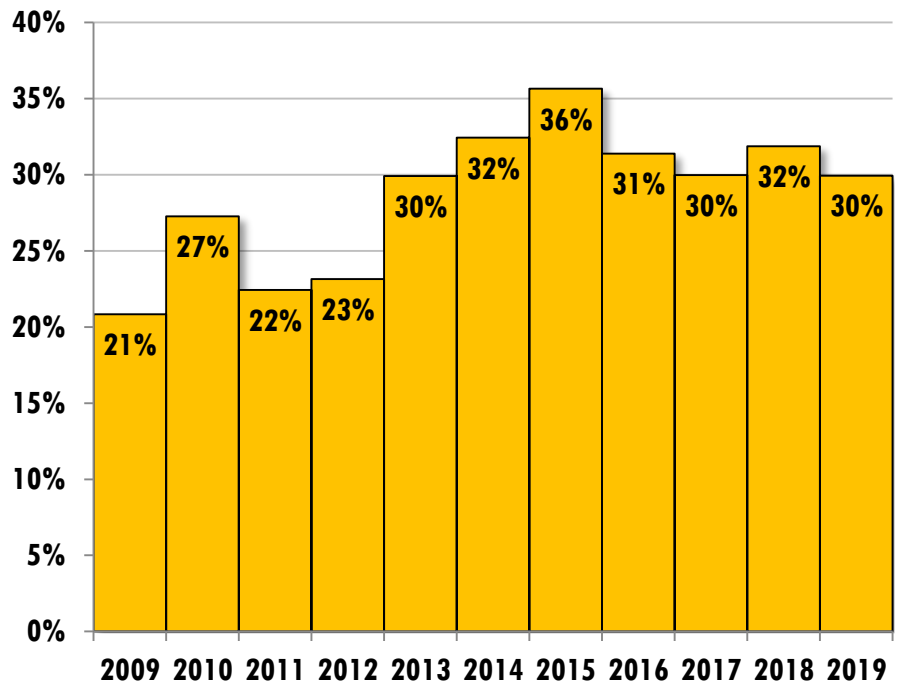


On a monthly basis, exports averaged 900,000 MT and exceeded 1 MMT three times in 2019. They peaked at **1.1 MMT** in August.

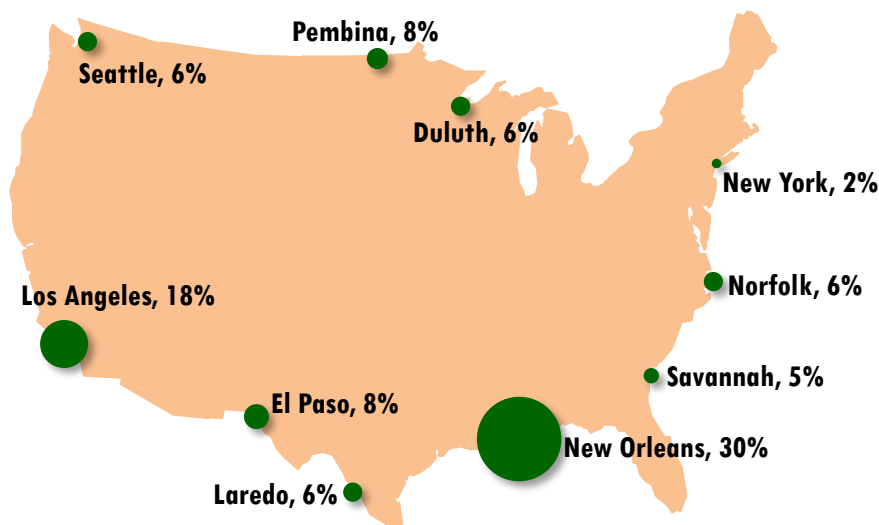
2019 U.S. DISTILLERS GRAINS EXPORTS

Exports are a vital component of the overall market for U.S.-produced distillers grains. Nearly **one of every three tons** of DG produced in 2019 was exported.

Export Share of U.S. Distillers Grains Production



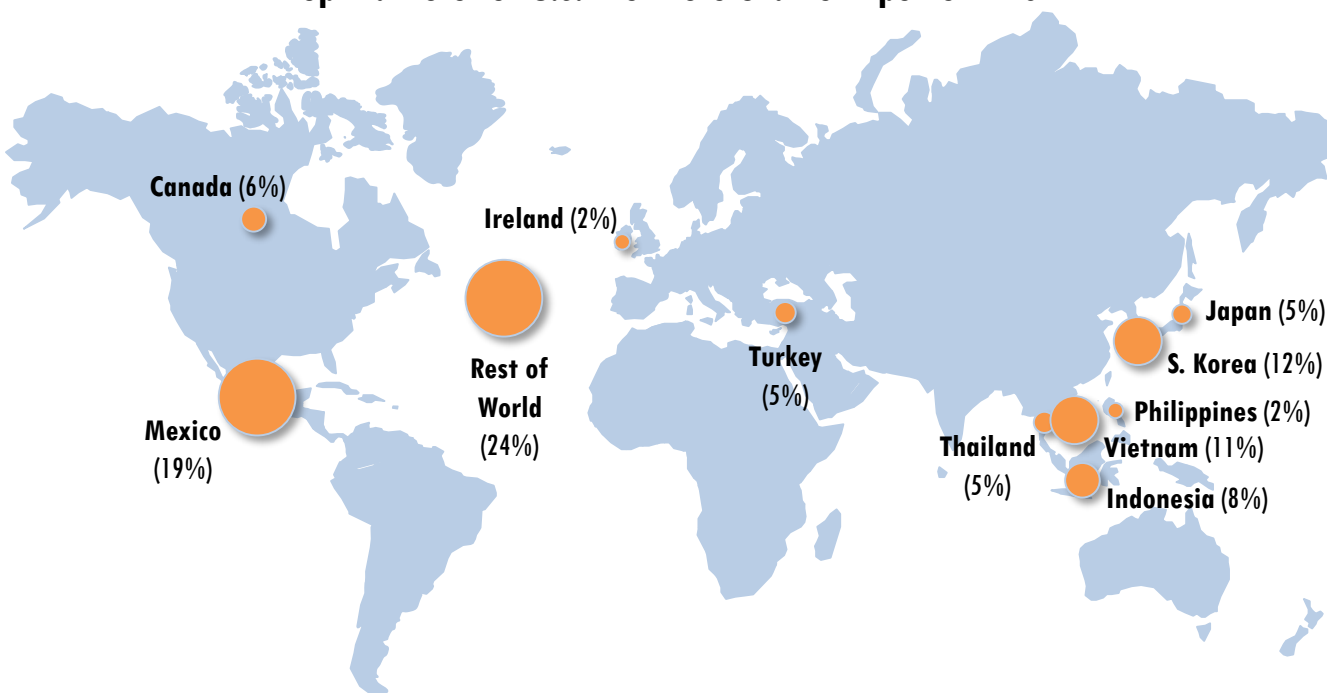
Top Ports of Exit for 2019 U.S. Distillers Grains Exports



U.S. DG exports left the country through more than **20 ports and exit points** in 2019 (the top 10 by volume are shown on the map). **New Orleans** again handled the most tonnage, followed by **Los Angeles** and **El Paso**.

U.S. DISTILLERS GRAINS EXPORTS: TOP MARKETS

Top Markets for U.S. Distillers Grains Exports in 2019



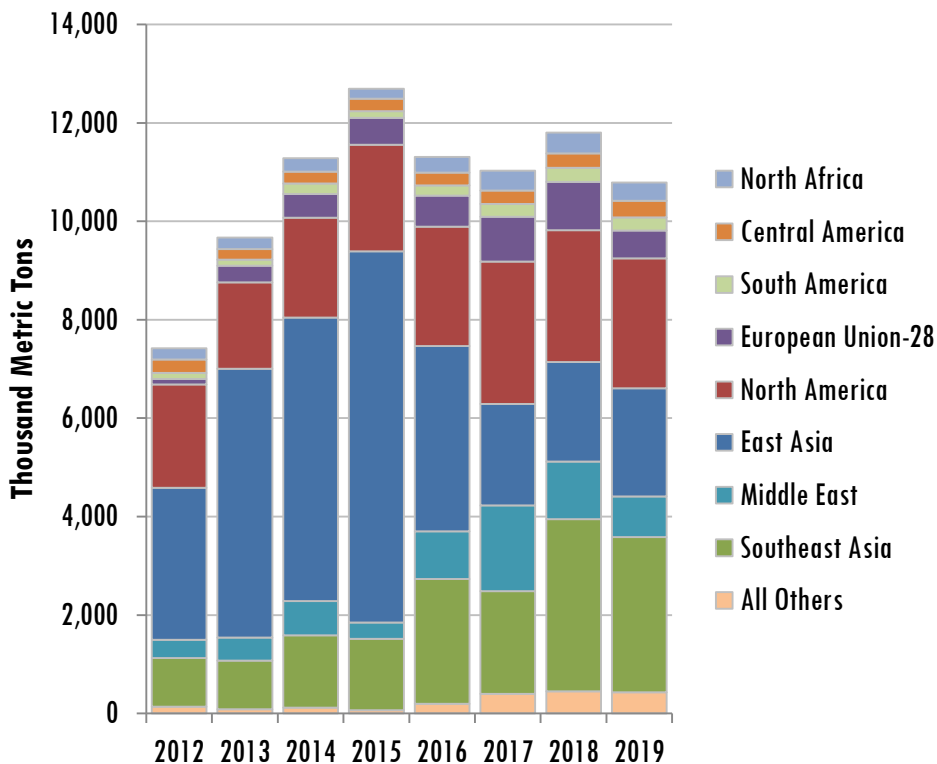
Country	2019 Total <i>Metric Tons</i>	2018 Total <i>Metric Tons</i>	Change <i>%</i>
Mexico	2,030.4	2,012.7	+1%
South Korea	1,251.3	1,139.5	+10%
Vietnam	1,203.3	1,246.9	-3%
Indonesia	915.2	844.7	+8%
Canada	609.9	664.5	-8%
Turkey	575.5	887.1	-35%
Thailand	574.1	1,017.6	-44%
Japan	522.3	466.5	+12%
Ireland	265.7	396.3	-33%
Philippines	265.2	199.5	33%

Mexico remained the **top destination** for U.S. DG exports in 2019, taking **19%** of the total. Shipments to **South Korea** exhibited double-digit growth, making it the **second-largest destination**, with a **12% share**. **Vietnam (11%)**, **Indonesia (8%)** and **Canada (6%)** rounded out the top five markets. **China** is no longer a top-ten destination, as shipments have fallen **97%** since 2015 due to the imposition of duties.

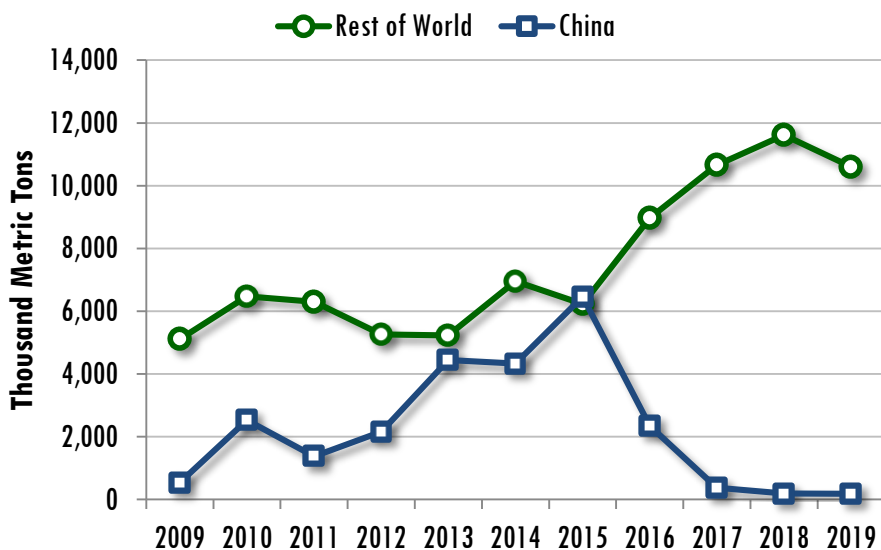
U.S. DISTILLERS GRAINS EXPORTS: MARKET SHIFTS

U.S. Distillers Grains Exports by Region

DG exports to other **North American** countries held steady. Shipments to **East Asia** grew despite the near-absence of China, as exports to South Korea and Japan increased. Exports to **Central America** showed significant growth in percentage terms.



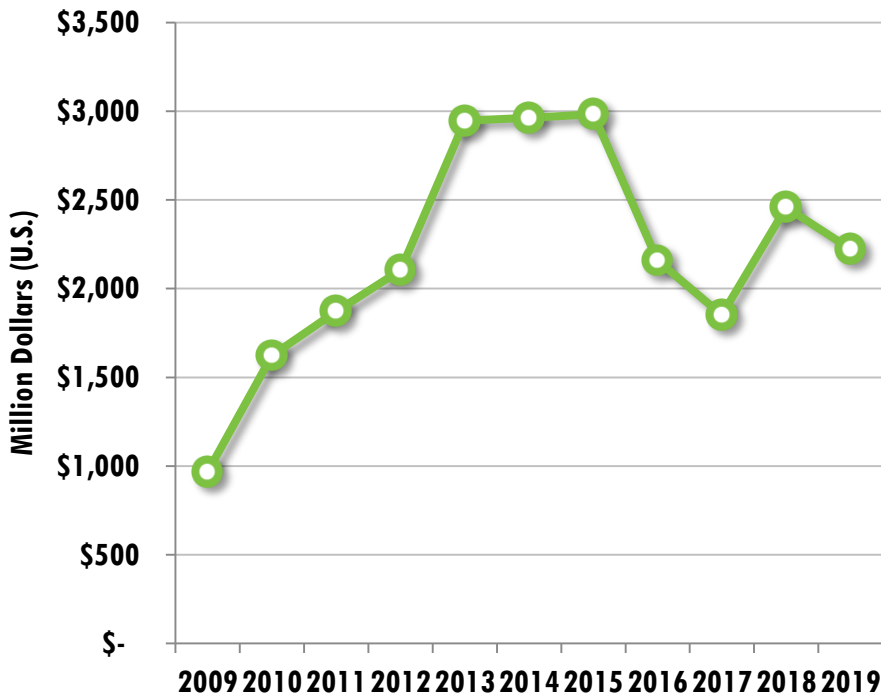
U.S. DG Exports to China and Rest of World



China was the top destination for U.S. DG exports from 2012 to 2016 but fell to **16th** place by 2019. Just **2%** of U.S. DG exports went to China in 2019 versus **51%** in 2015, the record year for exports. The collapse resulted from China's imposition of **punitive duties**.

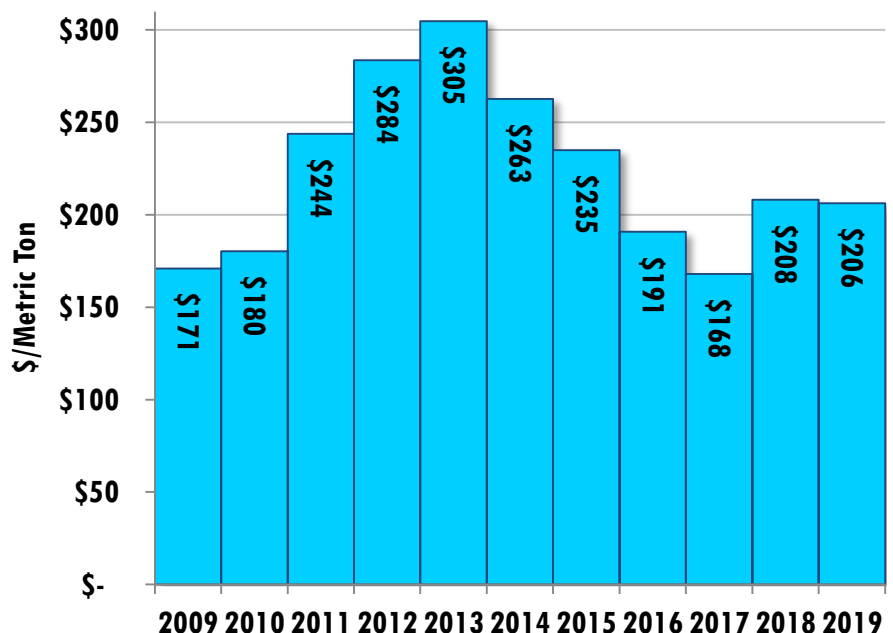
U.S. DISTILLERS GRAINS EXPORTS: VALUE

Total Value of U.S. Distillers Grains Exports



U.S. DG exports had an aggregate value of **\$2.2 billion** in 2019, the fifth highest on record.

U.S. Distillers Grains Export Price per Metric Ton

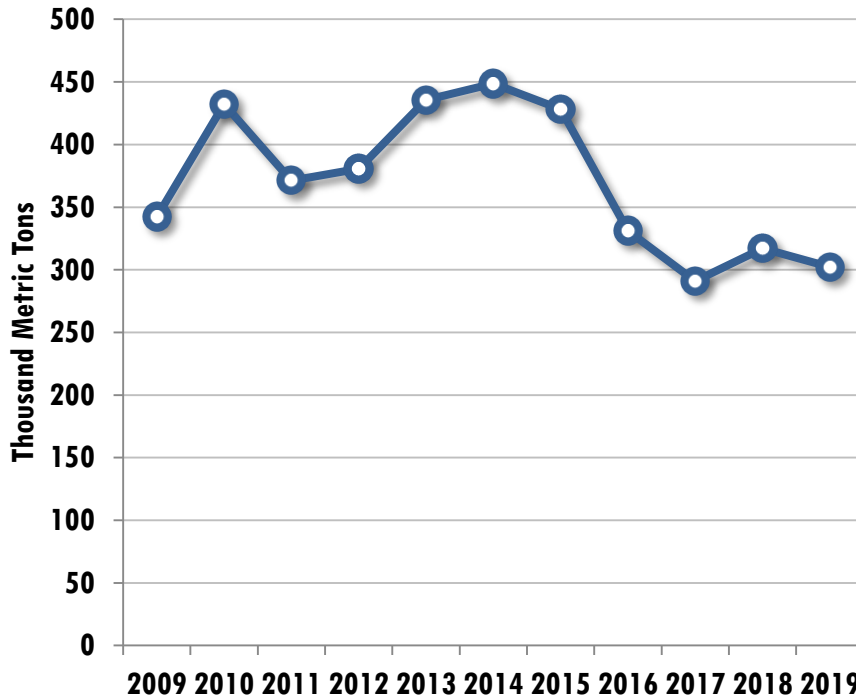


Unit values for U.S. DG exports were **\$206 per MT** in 2019, roughly on par with 2018, which was the highest in three years.

DGs are a key revenue source for dry-mill ethanol facilities, and exports support DG prices.

2019 U.S. DISTILLERS GRAINS IMPORTS

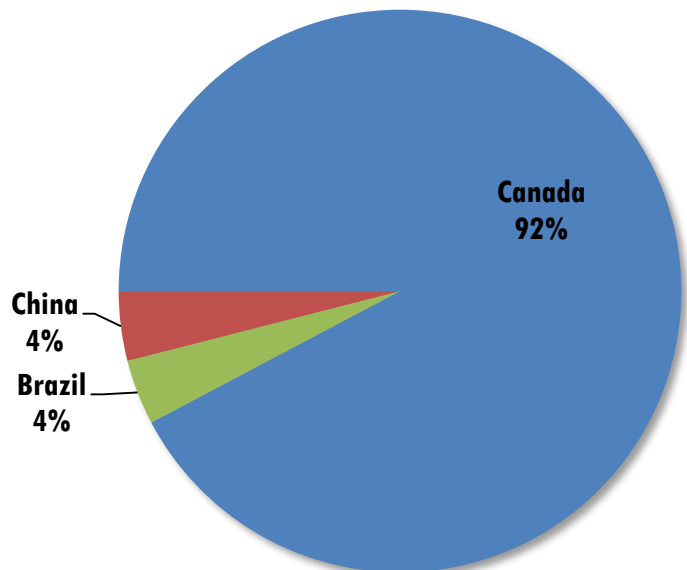
Annual U.S. Distillers Grains Imports



The United States imported **302,000 MT** of DG in 2019, **down 5%** from 2018 and 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.

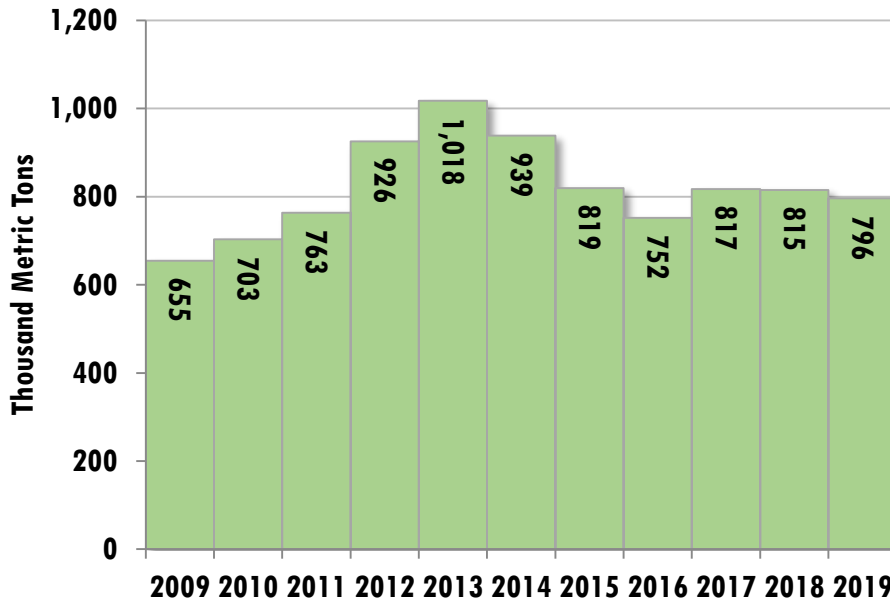
2019 Top Suppliers of U.S. DG Imports

Canada was again the top supplier of U.S. DG imports in 2019, shipping **276,000 MT** to the United States. **Brazil** and **China** were the only other two significant DG exporters to the U.S. market.



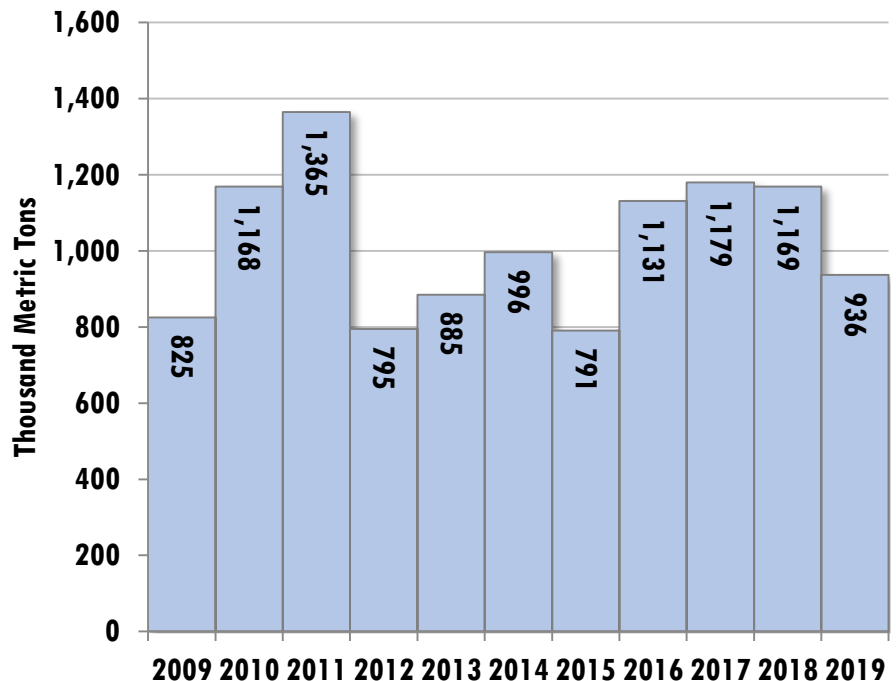
2019 EXPORTS OF OTHER CO-PRODUCTS

Annual U.S. Corn Gluten Meal Exports



U.S. exports of corn gluten meal—a feed co-product made by ethanol wet mills—totaled **796,000 MT** in 2019. **Indonesia, Egypt and Chile** were top destinations.

Annual U.S. Corn Gluten Feed Exports



U.S. exports of corn gluten feed—a feed co-product from ethanol wet mills—were **936,000 MT** in 2019.

Ireland, Israel and Turkey accounted for **74%** of U.S. 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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