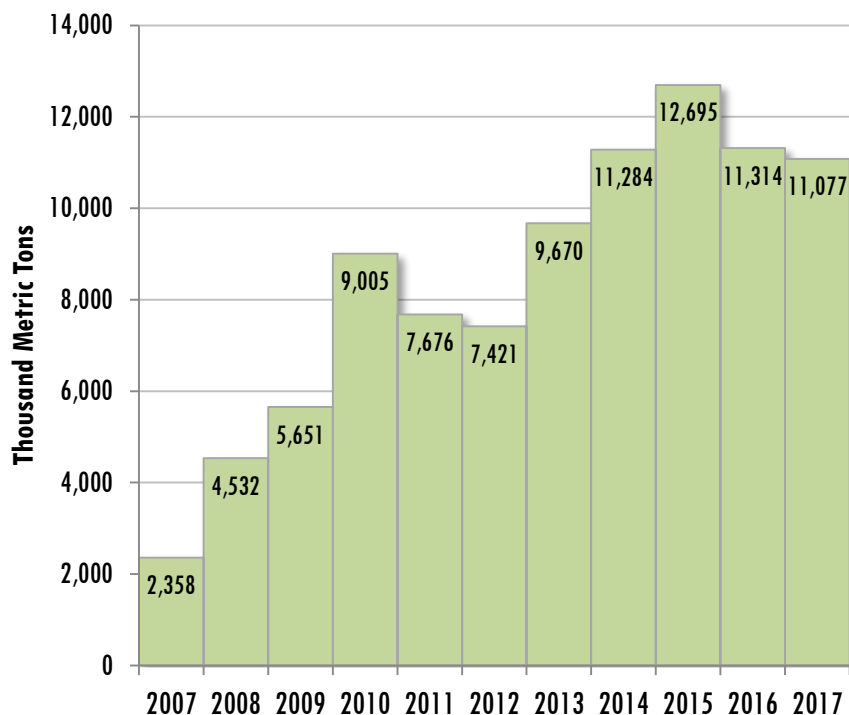


# 2017 U.S. DISTILLERS GRAINS EXPORTS AND IMPORTS

## Statistical Summary

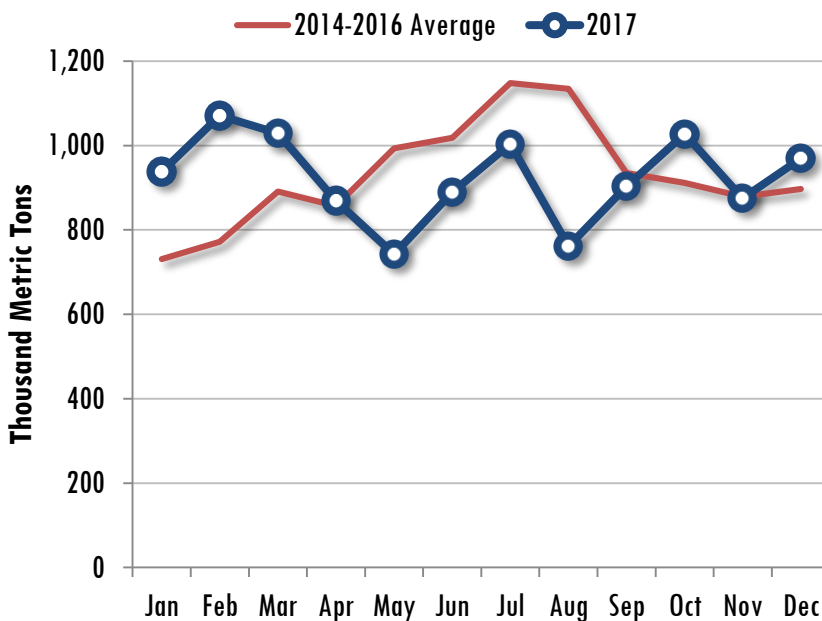
# 2017 U.S. DISTILLERS GRAINS EXPORTS

## Annual U.S. Distillers Grains Exports



U.S. exports of distillers grains (DG)—a co-product of dry mill ethanol production—totaled **11.08 million metric tons (MMT)** in 2017, down 2% from 2016 and the lowest in four years. Exports were shipped to **50 countries on five continents** last year, demonstrating the global reach of U.S.-produced DG.

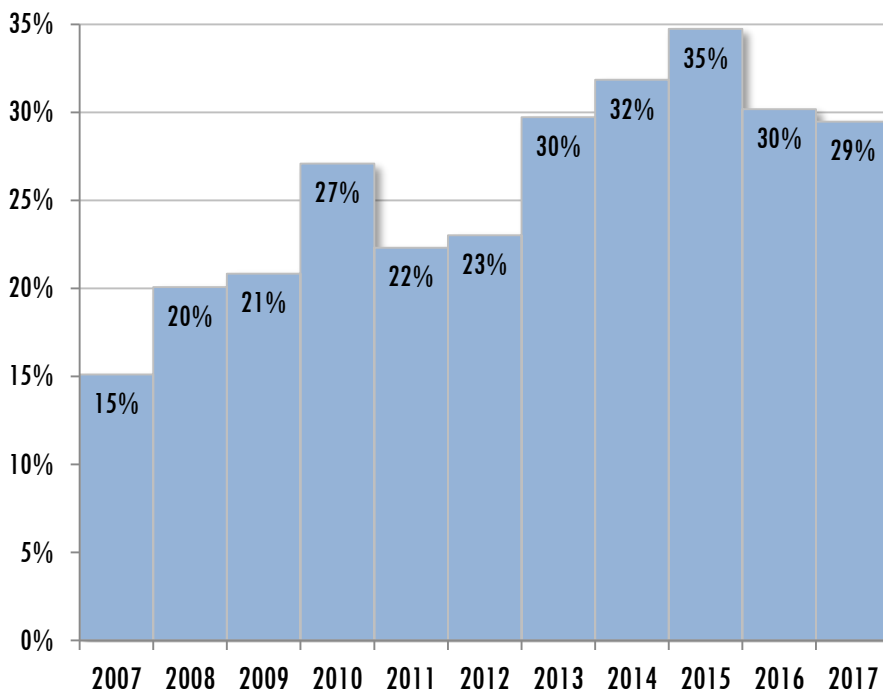
## 2017 Monthly Distillers Grains Exports



Monthly exports in 2017 broke from **normal seasonal patterns**, with outbound shipments peaking early in the year rather than in the summer as usual. Monthly exports hit a high mark of **1.07 MMT** in February and fell as low as **742,000 MT** in May.

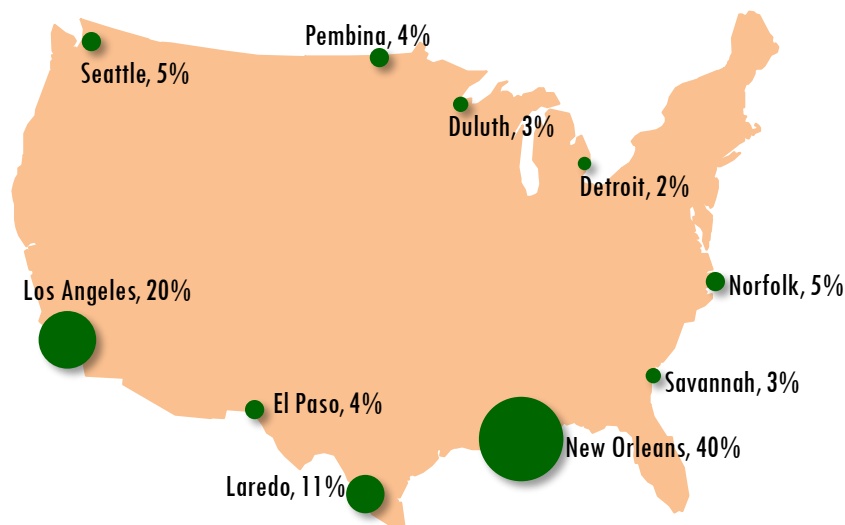
# 2017 U.S. DISTILLERS GRAINS EXPORTS

## Export Share of U.S. Distillers Grains Production



An estimated **29%** of U.S. DG production was exported in 2017, meaning nearly one out of every three tons produced was shipped to foreign markets. That was down slightly from 30% in 2016 and the lowest rate in five years.

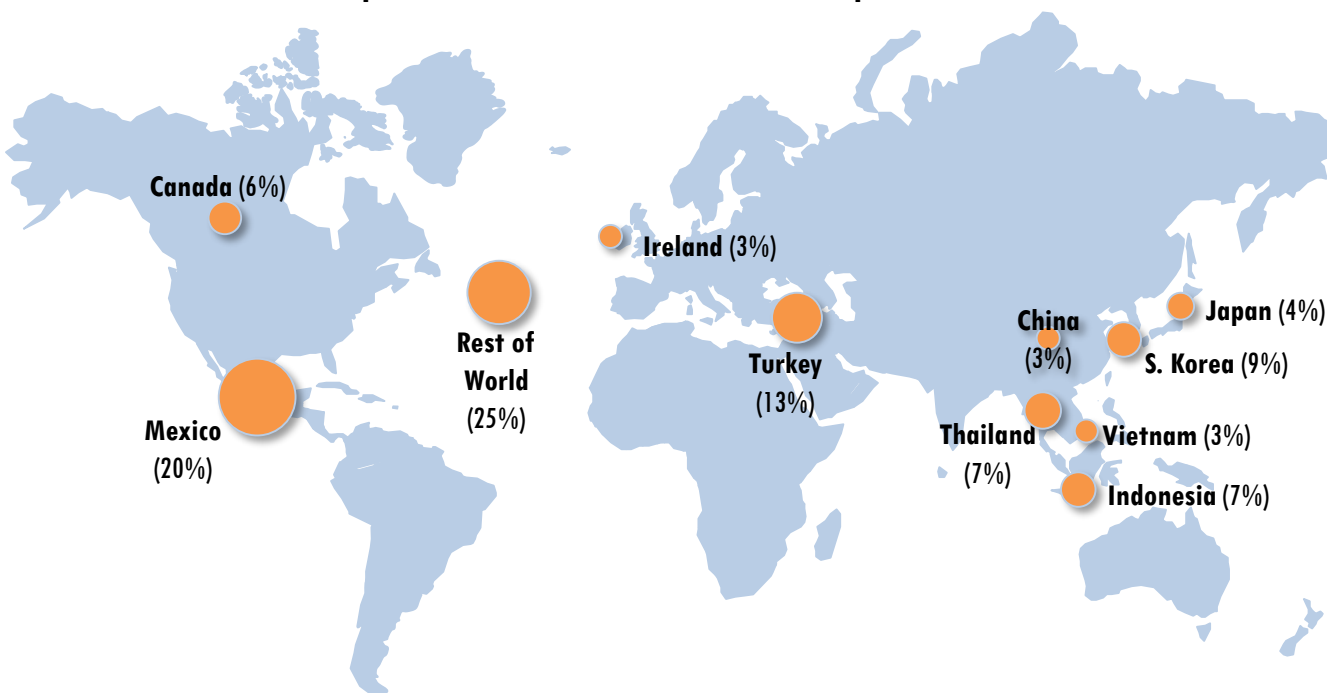
## Top Ports of Exit for 2017 U.S. Distillers Grains Exports



U.S. DG exports left the country through **19 ports of exit** in 2017, 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 (TX)**.

# U.S. DISTILLERS GRAINS EXPORTS: TOP MARKETS

Top Markets for U.S. Distillers Grains Exports in 2017



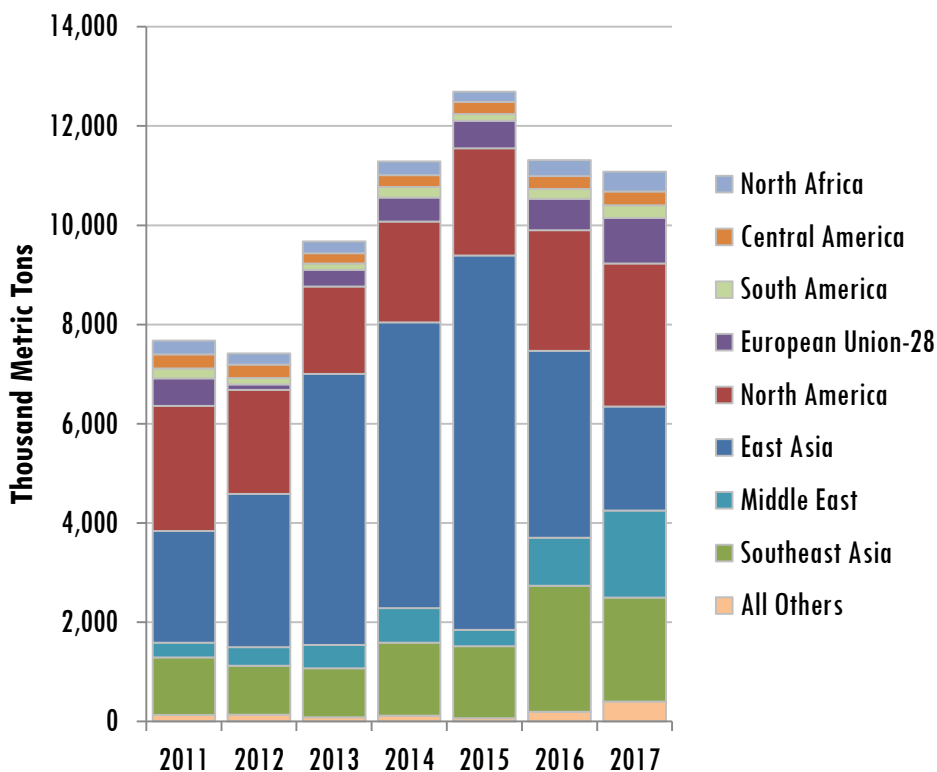
Country	2017 Total <i>Thousand MT</i>	2016 Total <i>Thousand MT</i>	Change <i>%</i>
Mexico	2,182	1,908	+14%
Turkey	1,417	790	+79%
S. Korea	984	889	+11%
Thailand	748	751	0%
Indonesia	726	356	+104%
Canada	705	515	+37%
Japan	474	315	+50%
China	378	2,342	-84%
Ireland	347	256	+36%
Vietnam	312	1,156	-73%

DG export volumes to the Top 10 markets in 2017 are shown in the table at left, along with a comparison to 2016 volumes. **Mexico received 20%** of 2017 exports, while **Turkey (13%), South Korea (9%), Thailand (7%), and Indonesia (7%)** were other top markets. Exports to China plunged 84% compared to 2016, while shipments to Vietnam sunk 73%. Both China and Vietnam ranked as Top 3 export markets in 2016.

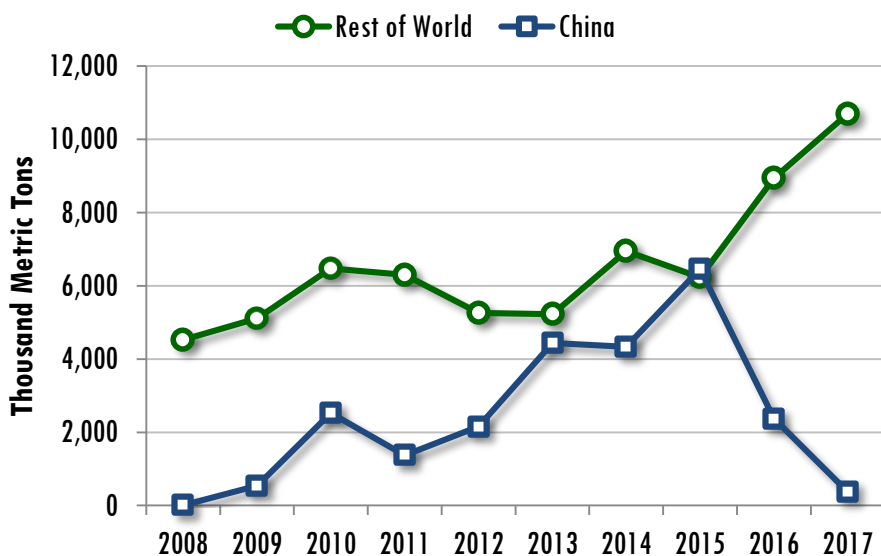
# U.S. DISTILLERS GRAINS EXPORTS: MARKET SHIFTS

## U.S. Distillers Grains Exports by Region

DG exports to **East Asia** fell dramatically, as China reduced imports from the U.S. Exports to **Southeast Asia** were also reduced, as Vietnam pulled back. Meanwhile, export growth was experienced in all other regions, with **North America** and the **Middle East** showing the biggest increases in DG imports from the U.S.



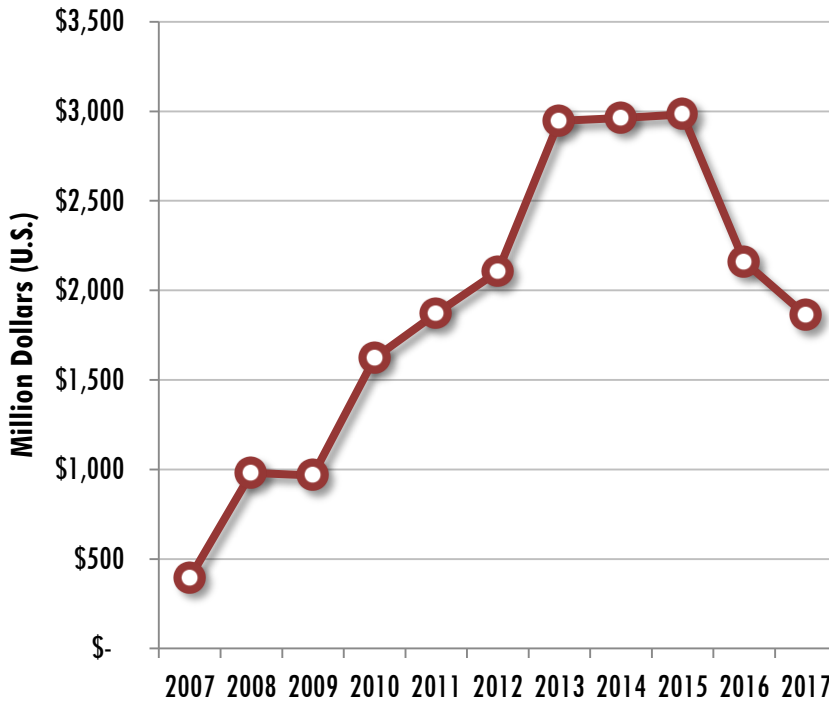
## U.S. Distillers Grains Exports to China and Rest of World



After serving as the top destination for U.S. DG exports five years in a row, **China** fell to eighth place in 2017. Just **3%** of U.S. DG exports went to China in 2017, 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 a **punitive tariff** on U.S. DG.

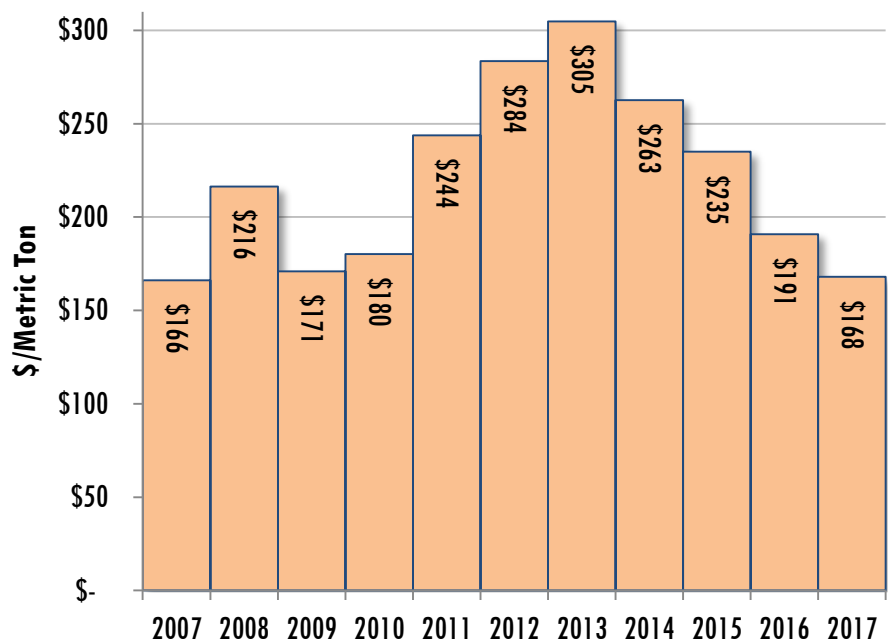
# U.S. DISTILLERS GRAINS EXPORTS: VALUE

**Total Value of U.S. Distillers Grains Exports**



U.S. DG exports had a total aggregate value of **\$1.86 billion** in 2017, **down 14%** from 2016 and the lowest in seven years.

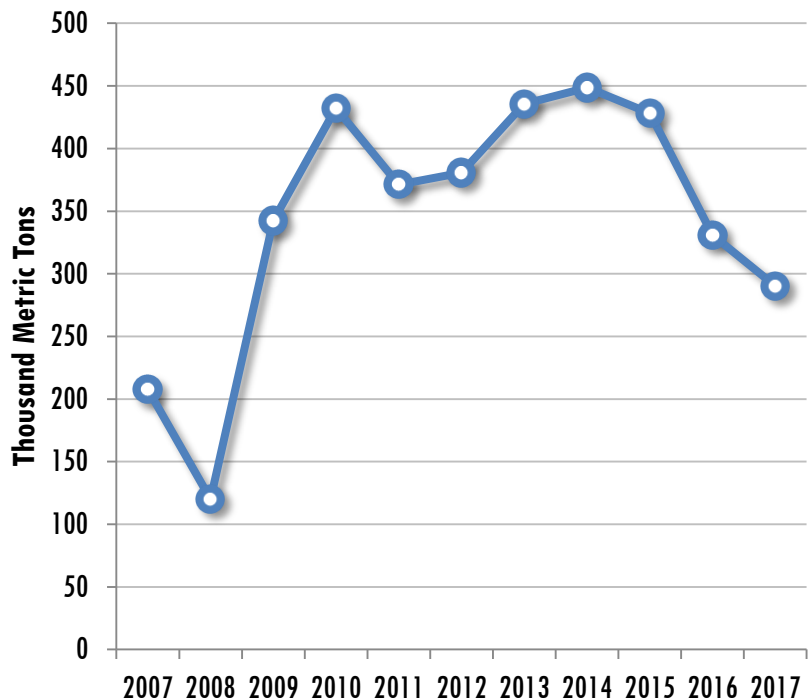
**U.S. Distillers Grains Export Price per Metric Ton**



Per unit values for U.S. DG exports fell to **\$168 per MT** in 2017, **down 12%** from 2016 and the **lowest price since 2007**. Prices were down 45% from the record value of **\$305 per MT** in 2013.

# 2017 U.S. DISTILLERS GRAINS IMPORTS

## Annual U.S. Distillers Grains Imports

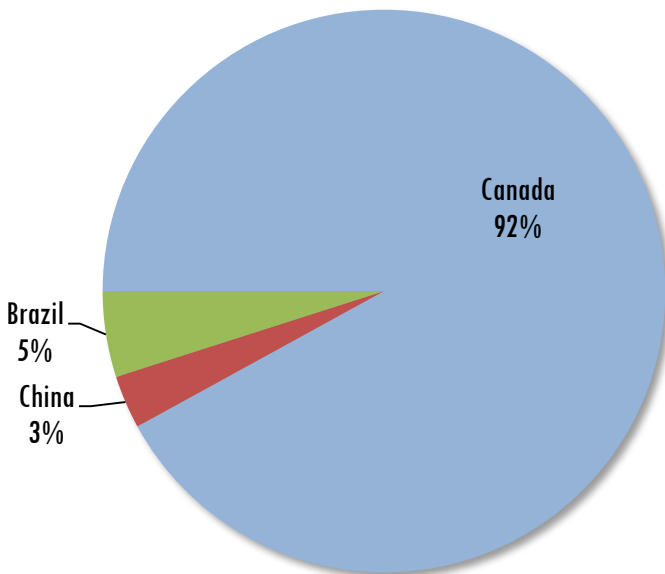


The United States imported **290,000 MT** of DG in 2017, **down 12%** from the 2016 total and the lowest in nine years. U.S. DG imports were equivalent to just **2.6%** of DG exports and just **1%** of domestic DG consumption.

## 2017 Top Suppliers of U.S. DG Imports

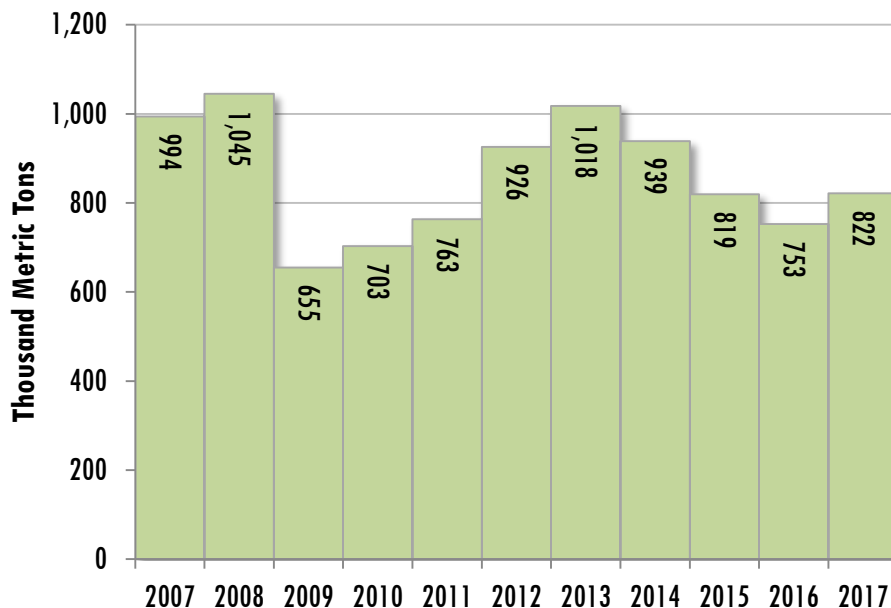
**Canada** was again the top supplier of U.S. DG imports in 2017, shipping **267,000 MT** to the United States.

**Brazil** and **China** were the only other two DG exporters to the U.S. market in 2017.



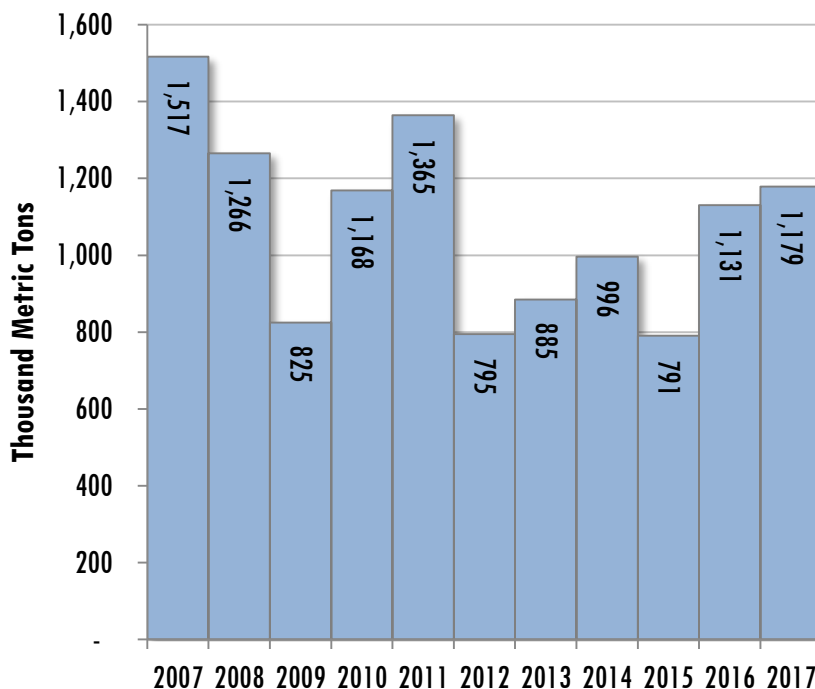
# 2017 EXPORTS OF OTHER CO-PRODUCTS

## Annual U.S. Corn Gluten Meal Exports



U.S. exports of corn gluten meal—a feed co-product made by ethanol wet mills—totaled **822,000 MT** in 2017. **Indonesia, Chile, and Egypt** 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—hit **1.18 MMT** in 2017. That was up slightly from 2016 and marked a **six-year high**. **Ireland, Turkey, and Israel** combined to receive **73%** of total U.S. CGF exports.



# ABOUT THE DATA IN THIS REPORT

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## 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 both ethanol and distillers grains on its award-winning [E-Blog](#).

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