2022 U.S. ETHANOL EXPORTS & IMPORTS STATISTICAL SUMMARY
Spurred by competitive pricing and tight global fuel supplies, U.S. ethanol exports rose 9% to 1.35 billion gallons in 2022—the fourth-highest volume on record. American-made ethanol was exported to 85 countries on all six inhabited continents.

Exports started 2022 strong but eased during the second half of the year, when shipments to South Korea and India declined and minimal volumes went to Brazil. Denatured ethanol accounted for 63% of exports classified as being for fuel use, while undenatured ethanol represented 37%.

Sources: U.S. Census Bureau, Department of Commerce, and Department of Agriculture
The share of U.S. ethanol production that was exported rebounded to 8.8% in 2022, which was consistent with the prior five years.

The value of U.S. ethanol exports surged to $3.77 billion in 2022, a record high and an increase of $1 billion over 2021. Export volumes and prices both increased.

Sources: U.S. Census Bureau, Department of Commerce, and Department of Agriculture
2022 ETHANOL EXPORTS: TOP MARKETS

Top Markets for U.S. Ethanol Exports in 2022

2022 ethanol export volumes to the Top 10 markets are shown in the table below, along with a comparison to 2021 volumes. All figures are shown in millions of gallons, unless otherwise noted.

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</thead>
<tbody>
<tr>
<td>Canada</td>
<td>463.3</td>
<td>7.1</td>
<td>16.6</td>
<td>15.5</td>
<td>502.5</td>
<td>374.4</td>
<td>+34%</td>
</tr>
<tr>
<td>South Korea</td>
<td>57.2</td>
<td>67.6</td>
<td>3.4</td>
<td>28.2</td>
<td>156.4</td>
<td>150.8</td>
<td>+4%</td>
</tr>
<tr>
<td>European Union</td>
<td>66.7</td>
<td>45.6</td>
<td>0.1</td>
<td>17.2</td>
<td>129.5</td>
<td>83.0</td>
<td>+56%</td>
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<tr>
<td>India</td>
<td>2.0</td>
<td>86.6</td>
<td>0.0</td>
<td>0.0</td>
<td>88.6</td>
<td>148.9</td>
<td>-40%</td>
</tr>
<tr>
<td>Mexico</td>
<td>5.3</td>
<td>54.3</td>
<td>1.8</td>
<td>8.3</td>
<td>69.8</td>
<td>49.0</td>
<td>+42%</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>61.7</td>
<td>5.4</td>
<td>0.0</td>
<td>0.0</td>
<td>67.1</td>
<td>41.5</td>
<td>+62%</td>
</tr>
<tr>
<td>Brazil</td>
<td>13.1</td>
<td>46.2</td>
<td>0.1</td>
<td>0.0</td>
<td>59.5</td>
<td>69.5</td>
<td>-14%</td>
</tr>
<tr>
<td>Singapore</td>
<td>21.8</td>
<td>28.1</td>
<td>0.0</td>
<td>0.1</td>
<td>50.1</td>
<td>4.1</td>
<td>+1133%</td>
</tr>
<tr>
<td>Peru</td>
<td>10.7</td>
<td>35.2</td>
<td>0.0</td>
<td>0.0</td>
<td>45.9</td>
<td>43.9</td>
<td>+5%</td>
</tr>
<tr>
<td>Philippines</td>
<td>12.6</td>
<td>23.9</td>
<td>0.1</td>
<td>1.6</td>
<td>38.1</td>
<td>27.6</td>
<td>+38%</td>
</tr>
</tbody>
</table>

Sources: U.S. Census Bureau, Department of Commerce, and Department of Agriculture
North America continued to be the largest regional destination for U.S. exports in 2022. East Asia remained in second place, though its share declined. The European Union rose to third place. However, shipments to South America fell further.

Canada remained the top market for U.S. ethanol, taking more than 500 million gallons, a record for any destination. Exports to the EU rose more than 50%, strengthening after the Russian invasion of Ukraine. However, shipments to Brazil fell further.

Sources: U.S. Census Bureau, Department of Commerce, and Department of Agriculture
Net exports of ethanol continued to rise in 2022, despite higher imports. The U.S. remained a net exporter for the 13th straight year.

More than half of U.S. ethanol exports departed via the Gulf of Mexico. The Great Lakes and Northern Tier were collectively the second-largest region. Significant volumes also were shipped from the Pacific Northwest.

Sources: U.S. Census Bureau, Dept. of Commerce, Dept. of Agriculture, and U.S. International Trade Commission
U.S. imports of fuel ethanol rebounded to 79 million gallons in 2022, a level consistent with most of the last decade.

Virtually all fuel ethanol imports continued to come from Brazil, due in large part to favorable treatment under the California Low Carbon Fuel Standard.

Sources: U.S. Census Bureau, Department of Commerce, and Department of Agriculture
Ethanol enhanced America’s energy security, as imports accounted for less than 1% of U.S. ethanol consumption in 2022.

California ports received two-thirds of the fuel ethanol imported into the U.S. in 2022. Significant volumes also were imported into Florida.
ABOUT THE DATA IN THIS REPORT

U.S. Ethanol Export Data

- The export data in this report includes exports classified under the following Harmonized Tariff Schedule (HTS) codes:
  - 2207200010: Ethyl alcohol and other spirits, denatured, of any strength: For fuel use
  - 2207106010: Undenatured ethyl alcohol of an alcoholic strength by volume of 80 percent vol. or higher: For non-beverage purposes: For fuel use
  - 2207200090: Ethyl alcohol and other spirits, denatured, of any strength: Other
  - 2207106090: Undenatured ethyl alcohol of an alcoholic strength by volume of 80 percent vol. or higher: For non-beverage purposes: Other
  - 2207200090 and 2207106090 are included in this report because there is anecdotal evidence that exports of ethanol intended for fuel use are sometimes classified under these codes. In any case, ethanol classified under these codes represented 10% of the 2022 U.S. exports discussed in this report.

U.S. Ethanol Import Data

- The import data in this report includes imports classified under the following Harmonized Tariff Schedule (HTS) codes:
  - 2207200010: Ethyl alcohol and other spirits, denatured, of any strength: For fuel use
  - 2207106010: Undenatured ethyl alcohol of an alcoholic strength by volume of 80 percent vol. or higher: For non-beverage purposes: For fuel use

Sources


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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