Understanding International Trade Conference

Wednesday, November 14, 2018
8:30 a.m. – 3:30 p.m.
The U.S. Census Bureau is the official source for U.S. export and import goods statistics and is responsible for issuing regulations governing the reporting of all export shipments from the United States.
U.S. International Trade in Goods and Services

- Joint Release
  - Census Bureau: Goods
  - Bureau of Economic Analysis (BEA): Services and Balance of Payments adjustments

- Principle Economic Indicator

- Provides a high-level picture of international trade

- Available 34 – 36 days after the end of the reference month
How Does It All Come Together

Census Bureau
- Economic Indicators Division
- Economic Applications Division
- Economic Statistical Methods Division
- Governments and Trade Management Division

Other Government Agencies
- Bureau of Economic Analysis
- Statistics Canada
- Customs and Border Protection

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU

census.gov

International Trade Overview
International Trade Indicator Processing

- **Input Data**
  - Import Data
  - Export Data

- **Rejected Records**
  - Fixed Rejects

- **Edit Programs and Parameters**
  - Current Month Transaction-Level Data (Net Data)

- **U.S. International Trade in Goods and Services Report**
Sources of the Data

U.S. International Trade in Goods and Services

Goods
- Collected by the Census Bureau
- Compiled and published by the Census Bureau and BEA

Exports
- Automated Export System (AES) through the Automated Commercial Environment (ACE)
- U.S./Canada Data Exchange

Imports
- Entry Summaries (ACE and minimal paper)
- Foreign Trade Zone entries

Services
- Collected and compiled by BEA
- Published by the Census Bureau and BEA

- Primarily based on BEA surveys of international services transactions (e.g., transport, insurance services, financial services, other business services)
- Supplemented by administrative data from other sources (e.g., ITA, Department of Homeland Security, Department of Defense, Statistics Canada, Bank of Mexico)
International Trade Indicator Processing

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Input Data

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International Trade Overview
International Trade Indicator Processing

Input Data

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Export Data

Export Data

Import Data

Import Data

U.S. International Trade in Goods and Services Report
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International Trade Overview
Additional Monthly Releases

- Advance Economic Indicators Report
- FT920: U.S. Merchandise Trade Selected Highlights
- U.S. Imports for Consumption of Steel (Preliminary and Final)
Annual and Quarterly Releases

- U.S. Exports by Metropolitan Area
- Profile of U.S. Importing and Exporting Companies
- Related Party Trade
- U.S. Trade with Puerto Rico and U.S. Possessions (FT-895)
- Manufacturing and International Trade Report
FOREIGN TRADE is the official source for U.S. export and import statistics and responsible for issuing regulations governing the reporting of all export shipments from the United States. If you're searching for import or export statistics, information on export regulations, commodity classifications, or a host of other trade-related topics, this is the place to get the information you need.

- **Global Market Finder**: An interactive tool for U.S. exporters
  The Census Bureau has created a data visualization tool that will help users find detailed international trade in goods statistics for specific commodity codes, countries of destination, and modes of transportation.

- **The U.S. International Trade in Goods and Services Deficit Increased in September 2018**
  The nation's international trade deficit in goods and services increased to $54.0 billion in September from $53.3 billion in August (revised), as imports increased more than exports. (November 2, 2018)

- **The Advance International Trade in Goods Deficit Increased in September 2018**
  The nation's international advance trade in goods deficit increased to $76.0 billion in September from $75.5 billion in August as imports increased more than exports. (October 25, 2018)

- **Effects of Atlantic Hurricanes on U.S. International Trade**
  The Census Bureau reports on trade through Atlantic ports in 2018

- **Preliminary Profile of U.S. Exporting Companies, 2017**
  The Department of Commerce released the report, A Preliminary Profile of U.S. Exporting Companies, 2017. It provides information on identified companies and their known export value. (October 5, 2018)
Major Stakeholders

- Federal Government Agencies
- Businesses
- Academics
- Congress
- Policymakers
- Journalists
- Local and State Governments
QUESTIONS?
Trade Regulations

Omari Wooden
Economic Outreach and Regulations
International Trade Conference
November 14, 2018
Did you know?

The U.S. exported $795.9 million in toys, games, & sporting equipment in October 2017.

Within this category video game consoles had the highest export value ($235.8 million).
International Trade Data

Data

Regulations

AES

Trade Regulations
The Foreign Trade Regulations (FTR) set forth roles and responsibilities for all parties involved in the export transaction, including:

- Information to be reported in the Automated Export System
- Definitions of terms
- Penalty provisions
- Reporting requirements based on method of transportation
- Exemptions and exclusions from reporting requirements
Legal Requirements

Statistical

U.S. Census Bureau
Foreign Trade Regulations
Title 15 Code of Federal Regulations, Part 30

Enforcement

Bureau of Industry and Security
Export Administration Regulations (EAR)

U.S. Customs and Border Protection &
Bureau of Immigration and Customs Enforcement
Customs Regulations
Information Sharing

International Trade Data System

• Executive Order 13659: Streamlining the Export/Import Process for America’s Businesses (February 19, 2014)

• The trade community is now able to submit export and import information through a “Single Window”

• Automated Commercial Environment (ACE) Reports
The U.S. Principal Party in Interest is the:
- U.S. Person or Entity
- Primary Beneficiary of Export Shipment

Generally that person can be the:
- U.S. Seller
- U.S. Manufacturer
- U.S. Order Party
- U.S. Customs Broker
- Foreign Entity*

*Only if in the U.S. at the time the goods were purchased or obtained for export
What Is A Shipment?

Tip: The ONE Rule

- **ONE** U.S. Principal Party in Interest shipping their merchandise, to
- **ONE** Foreign consignee, on
- **ONE** Conveyance moving the product out of the U.S., on
- **ONE** day, and the goods are valued over $2,500 per Schedule B number or the shipment falls under a mandatory filing requirement listed in Section 30.2(a)(1)(iv) of the FTR.
When Is Electronic Export Information (EEI) Required? FTR 30.2

Shipment information must be filed for physical goods when exported:

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S.</td>
<td>• Foreign Countries</td>
</tr>
<tr>
<td></td>
<td>• Puerto Rico</td>
</tr>
<tr>
<td></td>
<td>• U.S. Virgin Islands</td>
</tr>
<tr>
<td>Puerto Rico</td>
<td>• Foreign Countries</td>
</tr>
<tr>
<td></td>
<td>• U.S.</td>
</tr>
<tr>
<td></td>
<td>• U.S. Virgin Islands</td>
</tr>
<tr>
<td>U.S. Virgin Islands</td>
<td>• Foreign Countries</td>
</tr>
</tbody>
</table>

Trade Regulations
Mandatory Filing Required
FTR 30.2(a)(1)(iv)

- Shipments licensed by government agencies
- International Traffic in Arms Regulations (ITAR) controlled items
- Sanctioned by the Office of Foreign Asset Control (OFAC)
- Rough diamonds
- Used self-propelled vehicles
- Shipments identified under §758.1(b) of the EAR
Exclusions [30.2(d)]
Common examples include:
• Goods transiting the U.S. under CBP bond from one foreign country to another
• Electronic transmissions and intangible transfers
• Goods requiring a license where the country of ultimate destination is the U.S.

Exemptions [30.36 - 30.40]
Common Examples include:
• Country of ultimate destination is Canada
• $2,500 or less per Schedule B number
INTERNATIONAL TRADE STATISTICS

PRODUCTS and SERVICES TO HELP YOU EXPORT
Data Collection

Stephen Jackson
Automated Export System Compliance Team
International Trade Conference
November 14, 2018
• What is the AES?
• System Resources and Requirements
• AES Responses
• AES Compliance Reports
Automated Export System (AES)

- AES is the U.S. Customs and Border Protection’s system that processes and stores all Electronic Export Information
- Automated Commercial Environment (ACE) is the single window platform that is used to process import and export filings
  - AES was migrated to the ACE platform in 2014
Current AES Process Flow
Export Information Reported in AES

<table>
<thead>
<tr>
<th>AESDirect</th>
<th>Direct Connection to AES</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Total Statistical Shipments</td>
<td>• Total Statistical Shipments</td>
</tr>
<tr>
<td>• 702,592 (July)</td>
<td>• 725,425 (July)</td>
</tr>
<tr>
<td>• Total Statistical Value</td>
<td>• Total Statistical Value</td>
</tr>
<tr>
<td>• $49.3 billion (July)</td>
<td>• $58.2 billion (July)</td>
</tr>
<tr>
<td>• Users (YTD)</td>
<td>• Users (YTD)</td>
</tr>
<tr>
<td>• 18,788</td>
<td>• 1,344</td>
</tr>
<tr>
<td>• USPPI’s represented in those filings</td>
<td>• USPPI’s represented in those filings</td>
</tr>
<tr>
<td>• 265,612</td>
<td>• 178,639</td>
</tr>
</tbody>
</table>
System Resources and Requirements

- **AESTIR**
  - Appendix A - Commodity Filing Response Messages
  - Appendix D - Export Port Codes
  - Appendix F - License & License Exemption Type Codes
## ACE AESDirect Web Portal

### Shipment Manager

**Show Filters**

- Filing Updated in: Last 3 Months
- Clear Filters

Showing 1 to 9 of 9 Filings

<table>
<thead>
<tr>
<th>Filer ID</th>
<th>Shipment Ref. # [Count]</th>
<th>Status</th>
<th>Last Action</th>
<th>ITN</th>
<th>Last Updated</th>
<th>Last Updated By</th>
<th>Export Date</th>
<th>USPPI</th>
<th>USPPI ID</th>
<th>Consignee</th>
<th>Destination</th>
<th>Shipment Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>112610676</td>
<td>55666</td>
<td>Draft</td>
<td>Add</td>
<td>X20180627030835</td>
<td>07/02/2018 17:13:01</td>
<td>AN521545</td>
<td>07/02/2018 17:13:01</td>
<td>JUBRAN EXPORTS</td>
<td>112610676</td>
<td>DIXON DISTRIBUTORS</td>
<td>CA</td>
<td>Edit</td>
</tr>
<tr>
<td>112610676</td>
<td>MEXICOSTATE / [3]</td>
<td>Accepted</td>
<td>Cancel</td>
<td>X20180627030835</td>
<td>06/27/2018 08:59:10</td>
<td>AG6204FB</td>
<td>06/20/2018</td>
<td>JUBRAN EXPORTS</td>
<td>112610676</td>
<td>DIXON DISTRIBUTORS</td>
<td>CA</td>
<td>Print</td>
</tr>
<tr>
<td>112610676</td>
<td>CARSAMPLE9PMENT / [2]</td>
<td>Accepted</td>
<td>Cancel</td>
<td>X20180627030835</td>
<td>06/21/2018 10:06:49</td>
<td>JE225107</td>
<td>06/30/2018</td>
<td>JUBRAN EXPORTS</td>
<td>112610676</td>
<td>DIXON DISTRIBUTORS</td>
<td>CA</td>
<td>Print</td>
</tr>
<tr>
<td>112610676</td>
<td>F667 / [2]</td>
<td>Accepted</td>
<td>Cancel</td>
<td>X20180627030835</td>
<td>05/23/2018 10:08:30</td>
<td>AG6204FB</td>
<td>06/01/2018</td>
<td>JUBRAN EXPORTS</td>
<td>112610676</td>
<td>DIXON DISTRIBUTORS</td>
<td>CA</td>
<td>Print</td>
</tr>
<tr>
<td>112610676</td>
<td>SAMPLE9PMENT1 / [2]</td>
<td>Accepted</td>
<td>Cancel</td>
<td>X20180627030835</td>
<td>05/16/2018 07:46:04</td>
<td>AG6204FB</td>
<td>05/15/2018</td>
<td>JUBRAN EXPORTS</td>
<td>112610676</td>
<td>XYZ COMPANY</td>
<td>CA</td>
<td>Print</td>
</tr>
</tbody>
</table>

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**United States Census Bureau**

**Economics and Statistics Administration**

**U.S. CENSUS BUREAU**

census.gov

Data Collection 38
AES Responses

- Shipment Accepted
  - ITN Issued

- Shipment Rejected
  - No ITN Issued
  - Or Update Rejected (Invalid ITN)

- Verify
- Compliance
- Warning
- Informational

Fatal
# Verify Message Example

<table>
<thead>
<tr>
<th>Line 1 Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Export Information Code</strong>: OS - ALL OTHER EXPORTS</td>
</tr>
<tr>
<td><strong>1st Quantity</strong>: 5</td>
</tr>
<tr>
<td><strong>1st UOM</strong>: NO</td>
</tr>
<tr>
<td><strong>Value of Goods (whole US Dollars)</strong>: 50000</td>
</tr>
<tr>
<td><strong>License Type Code/License Exemption Code</strong>: C83 - NLR NO LICENSE REQUIRED, OR ONLY CONTROLLED FOR ANTI-TER...</td>
</tr>
<tr>
<td><strong>Shipping Weight (whole Kilograms)</strong>: 100</td>
</tr>
<tr>
<td><strong>Schedule B or HTS Number</strong>: 8528.72.6057</td>
</tr>
<tr>
<td><strong>2nd Quantity</strong>:</td>
</tr>
<tr>
<td><strong>2nd UOM</strong>:</td>
</tr>
</tbody>
</table>

**Narrative Text**: VALUE/QUANTITY 1 OUT OF RANGE - HIGH  
**Severity**: VERIFY  
**Reason**: For the reported Schedule B/HTS Number, the Value of Goods/Quantify (1) ratio is outside of the expected range.  
**Resolution**: Census has determined that for the particular Schedule B/HTS Number declared, the value of the goods divided by the first quantity should fall within a certain parameter based on historical statistical averages for that good.
AES Compliance Reports

• Issued monthly to the Account Owner

• Ensure contact information is current on ACE

• Unresolved fatal errors & compliance alerts impact your compliance rate
Fatal Error Reports

• Issued if there are Unresolved Fatal Errors remaining from AES Compliance Report

• Issued each week there are outstanding Fatal Errors, until the next AES Compliance Reports are disseminated

• Resolve Fatal Errors - Appendix A

• For shipments that cannot be corrected:
  • Send an email to DCB’s Fatal Error Team at ftd.aes.fatal.reports@census.gov
    • Include: ITN for the shipment that replaced the Fatal Error and the SRN of the shipment that generated the error.
QUESTIONS?
United States – Canada Data Exchange

Melissa Scott
Division Coordination Staff
International Trade Conference
November 14, 2018
• What is the Data Exchange?
• Who is involved?
• Why was it created?
• How does it work?
• Key differences between the U.S. and Canada statistics
What is the United States – Canada Data Exchange?

Agreement between the governments of the United States and Canada based on a Memorandum of Understanding (MOU)
Who Is Involved?

United States

• U.S. Census Bureau (Census)
• U.S. Customs & Border Protection (CBP)

Canada

• Statistics Canada (STC)
• Canada Border Services Agency (CBSA)
Why Was It Created?

• Rise in Export under coverage – Paper Export Declarations
• Other benefits:
  • Decreased *operating costs* to process Export Declarations
  • Eliminated *reporting burden* of Exporters
  • *Location* and *language* of both countries
How Does It Work?

Becomes

US Import Data
Canada Export Data

Canada Import Data
US Export Data
How Do We Receive Canadian Import Data?

• STC Transmits files twice per month
  • The first transmission occurs mid-month
  • The second transmission is received a week later
Currency Conversion

Census

- At the 1st of the Month
- Sends STC the Average daily exchange rate for the previous calendar month from U.S. Federal Reserve

STC

- Using the average, converts the values for Canadian imports into U.S. dollars
- Then the data is Transmitted to Census

Census

- Early in the month
- Sends STC the Average daily exchange rate from the Bank of Canada

STC

- Using the average, we converts the values for U.S imports into Canadian dollars
- Then the data is Transmitted to STC
Major Trading Partners for Imports

2017 U.S. TOTAL IMPORTS

- Canada: 13%
- Other: 87%

13% of U.S. Imports were from Canada

65% of Canada’s Imports were from the U.S.

2017 CANADA TOTAL IMPORTS

- U.S.: 65%
- Other: 35%

65% of Canada’s Imports were from the U.S.
Major Trading Partners for Exports

18% of U.S. Exports were to Canada

75% of Canada’s Exports were to the U.S.
Differences When Comparing Bilateral Trade Statistics of U.S. and Canada

Main Reason
• Trading Partner Attribution

Other Reasons
• Revisions
• Trade Valuation/Freight Charges
Trading Partner Attribution

• Main reason for differences between Canada's and the United States' trade in goods statistics

• The international standards recommend:
  ➢ Imports are allocated to the country of origin
  ➢ Exports are attributed to the country of last known destination
Spain exports $50M in televisions to the U.S.

Spain records this as a $50M export to United States.

The U.S. records this as a $50M import from Spain.
The U.S. records this as $50M in foreign exports to Canada.

Spain does not record any trade with the U.S. or Canada for this month.

One month later, the U.S exports the same televisions to Canada.

Canada records this as $50M in imports from Spain.
Revisions & Trade Valuation

• Late receipt of import and export documentation

• Corrections applied to previously submitted customs forms

• Replacement of estimates with actual figures

• Different schedules for the publication of revisions to trade statistics

• Differences in Trade Valuation
QUESTIONS?
Understanding the Harmonized System

Mayumi Escalante
International Trade Indicator Micro Analysis Branch
International Trade Conference
November 14, 2018
Understanding the Harmonized System

Topics:

• Background information on the Harmonized System
• Commodity classification schedules for International Trade data
• Harmonized System code structure
• Similarities and differences between the Harmonized Tariff Schedule and the Schedule B
• Changes to statistical classification codes
• Export and import code search demonstrations
• Additional classification resources
Background Information

• The Harmonized Commodity Description and Coding System (HS) is administered by the World Customs Organization (WCO) in Brussels, Belgium.

• The HS is organized in broad sections that are subdivided into 97 chapters.

• The U.S. joined the Harmonized System on January 1, 1989 when the Harmonized Tariff Schedule of the United States (HTS) replaced the Tariff Schedule of the United States by congressional act.

• General [international] and Additional U.S. Rules of Interpretation provide classification guidelines for conformity.

• Like the more general HS, the HTS and Schedule B are detailed, hierarchical structures classifying all physical goods in trade for enforcement, duty, quota, and statistical purposes.
Trade Data Classification

The U.S. Census Bureau collects, processes, and publishes international trade data by harmonized commodity code

- **Harmonized Tariff Schedule of the United States (HTS)**
  - 19,000 statistical *import* codes in 99 chapters

- **Schedule B: Statistical Classification of Domestic and Foreign Commodities Exported from the United States**
  - 9,000 *export* codes in 98 chapters
<table>
<thead>
<tr>
<th>System</th>
<th>Source</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>End-Use</td>
<td>Bureau of Economic Analysis</td>
<td>Correlate with National Income Accounts (GDP)</td>
</tr>
<tr>
<td>Standard International Trade Classification (SITC)</td>
<td>United Nations</td>
<td>U.N. international standard</td>
</tr>
<tr>
<td>North American Industry Classification System (NAICS)</td>
<td>U.S. Census Bureau</td>
<td>Correlate with U.S. domestic manufacturing data</td>
</tr>
</tbody>
</table>

Understanding the Harmonized System
HS Code Structure

CHAPTER
2-digit; changes infrequently

SUBHEADING
6-digit; could change about every 5 years

STATISTICAL
10-digit; could change semiannually

HEADING
4-digit; could change about every 5 years

LEGAL
8-digit; applies to HTS only; changes vary

0805.10.0045

Harmonized System
## Harmonized Tariff Schedule vs. Schedule B

### Understanding the Harmonized System

<table>
<thead>
<tr>
<th>Heading/Subheading</th>
<th>Article Description</th>
<th>Unit of Quantity</th>
<th>Rate of Duty</th>
</tr>
</thead>
<tbody>
<tr>
<td>9201</td>
<td>Planos, including player planos; harpsichords and other keyboard stringed instruments: Upright planos.</td>
<td>No.</td>
<td>4.7%</td>
</tr>
<tr>
<td></td>
<td>Other:</td>
<td>No.</td>
<td></td>
</tr>
<tr>
<td>05</td>
<td>Containing a case measuring less than 111.76 cm in height.</td>
<td>No.</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>No.</td>
<td>No.</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Containing a case measuring 111.76 cm or more but less than 121.92 cm in height.</td>
<td>No.</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Containing a case measuring 121.92 cm or more but less than 129.54 cm in height.</td>
<td>No.</td>
<td></td>
</tr>
</tbody>
</table>

### Schedule B No. and Headings

<table>
<thead>
<tr>
<th>Schedule B No. and Headings</th>
<th>Commodity Description</th>
<th>Unit of Quantity</th>
<th>Second Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>92</td>
<td>Musical Instruments; Parts and Accessories of Such Articles</td>
<td>No.</td>
<td></td>
</tr>
<tr>
<td>92.01</td>
<td>Planos, including player planos; harpsichords and other keyboard stringed instruments:</td>
<td>No.</td>
<td></td>
</tr>
<tr>
<td>9201.10.0000</td>
<td>Upright planos</td>
<td>No.</td>
<td></td>
</tr>
<tr>
<td>9201.20.0000</td>
<td>Grand planos</td>
<td>No.</td>
<td></td>
</tr>
<tr>
<td>9201.90.0000</td>
<td>Other</td>
<td>No.</td>
<td></td>
</tr>
</tbody>
</table>
HTS and Schedule B Changes

Changes at the statistical level are governed by the 484(f) Committee

• The U.S. International Trade Commission (USITC)
  • Chairs the committee and coordinates petitions emailed to 484f@usitc.gov
  • Maintains and publishes the Harmonized Tariff Schedule (HTS) in print and online

• U.S. Customs and Border Protection (CBP)
  • Determines correct classification and that new lines do not conflict with CBP rulings, trade agreements, or pending legislation
  • Administers and enforces the HTS and Schedule B

• U.S. Census Bureau
  • Analyzes data to ensure there is sufficient trade to justify new statistical lines and prevent disclosure
  • Maintains and publishes the Schedule B online
HS Classification Tools (Demo)

U.S. Census Bureau

• **Schedule B Search** – [https://census.gov/scheduleb](https://census.gov/scheduleb)

• Also **Browse** Schedule B chapters, **Download** data user concordance files

U.S. International Trade Commission (USITC)

• **HTS Search** – [https://hts.usitc.gov](https://hts.usitc.gov)
Additional Resources

World Customs Organization (WCO)


U.S. Customs and Border Protection (CBP)

• **Customs Rulings Online Search System (CROSS)** – [https://rulings.cbp.gov](https://rulings.cbp.gov)

• **What Every Member of the Trade Community Should Know About: Tariff Classification** – [https://www.cbp.gov/trade/rulings/informed-compliance-publications](https://www.cbp.gov/trade/rulings/informed-compliance-publications)

International Trade Indicator Micro Analysis Branch @ Census

• Email: [EID.ScheduleB@census.gov](mailto:EID.ScheduleB@census.gov)

• Phone: 1-800-549-0595, Option 2
QUESTIONS?
USA Trade Online

Henock Kebede
International Trade Indicator Macro Analysis Branch
International Trade Conference
November 14, 2018
What is USA Trade Online?

The Official Source of International Trade Data

more than

19,000

import commodity codes

more than

9,000

export commodity codes
Data Detail

- District and Port Level
- Method of Transportation
- State
- Track Growth Over Time
- Country
- Balance of Trade
## Classification Systems: HS vs. NAICS

<table>
<thead>
<tr>
<th>HS</th>
<th>NAICS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Harmonized System</strong></td>
<td><strong>North American Industry Classification System</strong></td>
</tr>
<tr>
<td>Categories up to <strong>10-digit level</strong></td>
<td>Categories up to <strong>6-digit level</strong></td>
</tr>
<tr>
<td>Exports based on <em>Schedule B</em>: census.gov/foreign-trade/schedules/b</td>
<td>Industry classification</td>
</tr>
<tr>
<td>Imports based on <em>Harmonized Tariff Schedule (HTS)</em> - hts.usitc.gov</td>
<td>Ex: NAICS 326211 (Tires &amp; Tire Parts)</td>
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<td>Product level classification</td>
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<td>Ex: Schedule B 4011.20.0005 (New Pneumatic Tires for Light Trucks)</td>
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<td>Data Product</td>
<td>Dimensions</td>
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<td>Measures</td>
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<td></td>
<td>Time</td>
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</tbody>
</table>

*Unless otherwise specified “Value” is Total Export Value and General Customs Import Value
# USA TRADE ONLINE Quick Reference for Imports

**Data Product** | **Dimensions** | **Commodity** | **Measures** | **Time Periods**
---|---|---|---|---
District Level: General Imports | Commodity | 10-digit HS | Quantity 1, Quantity 2, Unit Value, CIF Value, Unit Price | Monthly & Year-to-Date: 2002 - Present, Annual: 1992 - Present
| Country | | | | |
| Districts | | | | |
| Measures | | | | |
| Time | | | | |
| Country SubCode | | | | |
| Rate Provision Code | | | | |

District Level: Imports for Consumption | Commodity | 10-digit HS | Quantity 1, Quantity 2, Total Value, Unit Value, Dutiable Value, CIF Value, Calculated Duty | Monthly & Year-to-Date: 2002 - Present, Annual: 1992 - Present
| Country | | | | |
| Districts | | | | |
| Measures | | | | |
| Time | | | | |
| Country SubCode | | | | |
| Rate Provision Code | | | | |

Port Level: | Port/District | 6-digit HS | Value, Air Value, Air Shipping Weight, Vessel Value, Vessel Shipping Weight, Containerized Vessel Value, Containerized Vessel Shipping Weight | Monthly, Annual & Year-to-Date: 2003 - Present
| Commodity | | | | |
| Country | | | | |
| Measures | | | | |
| Time | | | | |

State Level | State | 6-digit HS, 4-digit NAICS | Value, Air Value, Air Shipping Weight, Vessel Value, Vessel Shipping Weight, Containerized Vessel Value, Containerized Vessel Shipping Weight | Monthly, Annual & Year-to-Date: 2008 - Present
| Commodity | | | | |
| Country | | | | |
| Measures | | | | |
| Time | | | | |

NAICS | Commodity | 6-digit NAICS | General Customs Import Value, General CIF Import Value, Consumption Customs Import Value, Consumption CIF Import Value, Balance (Total Export Value - General Customs Import Value) | Monthly, Annual & Year-to-Date: 2002 - Present
| Country | | | | |
| Districts | | | | |
| Measures | | | | |
| Time | | | | |

*Unless otherwise specified “Value” is Total Export Value and General Customs Import Value.*
Features

- Customized Groups
- Colorful Graphs
- Sort
- Calculate
- Export Reports
- Save Reports
USA Trade Online – Exercises

1. Top U.S. trading partners for the last 5 years
   • Top 10 countries for exports (ranked by 2017 value)
   • Top 10 countries for imports (ranked by 2017 value)
   • Top 5 countries for balance (ranked by 2017 value)

2. Country specific – U.S. Trade with Brazil:
   • What was the value of U.S exports to Brazil in 2017?
   • Where does Brazil rank for exports?
   • What are the top 5 NAICS industries for exports to Brazil in 2017?

3. Commodity specific – Video Game Console - A reporter wants to examine import trends of video games for the last 2 years
   • Create a time series of video game console monthly imports in 4-year intervals, ending with the most recent year.
   • From which countries were Video Game Consoles imports the highest in 2017? (Top 3)
A coffee shop owner in Louisiana is considering expanding operations to coffee roasting:

- How much coffee did Louisiana import in 2017?
  
  *Hint: Create a commodity group using the two codes for unroasted coffee*

- What are the top three countries for Louisiana coffee imports in 2017?

- Create a time series to show trends over the last five years
USA Trade Online Support Contact Information

https://usatrade.census.gov
Watch Training Videos on YouTube

International Trade Macro Analysis Branch
1-800-549-0595, Option 4 or 301-763-2311
usatrade.census.gov
eid.international.trade.data@census.gov
Business Dynamics of Globally Engaged Firms

Fariha Kamal
Center for Economic Studies
International Trade Conference
November 14, 2018

Disclaimer
Any opinions and conclusions expressed herein are those of the authors and do not necessarily represent the views of the U.S. Census Bureau. All results have been reviewed to ensure that no confidential information is disclosed.
Business Dynamics Statistics: Background

• BDS (https://www.census.gov/ces/dataproducts/bds/)
  • Provides annual measures of business dynamics (such as job creation and destruction, establishment births and deaths, and firm startups and shutdowns) for the economy and aggregated by establishment and firm characteristics.

• Joint project between Research & Methodology and Economic Programs
  • Currently available: 1976-2015

• Selected research output
  • Decker, Haltiwanger, Miranda (2014; 2016); Haltiwanger, Jarmin, Miranda (2013); Fort, Haltiwanger, Jarmin, Miranda (2013)
Who Creates Jobs?

Source: Haltiwanger, Jarmin, Miranda (2013)
Motivation

• Outsized role of globally engaged firms in the U.S. economy
  • Top 1% of US trading firms account for over 80% of total US trade
  • Of these largest exporters, 90% also import goods and account for 66% of total US goods imports
  • Global firms employed 13.8 million U.S. workers in 2007
Business Dynamics Statistics of Globally Engaged Firms

• BDS-Exporting Firms
  • Export merchandise transactions-firm linked microdata

• BDS-Importing Firms
  • Import merchandise transactions-firm linked microdata

• BDS-Exporting & Importing Firms
  • Export and import merchandise transactions-firm linked microdata
The Business Dynamics Statistics of U.S. Goods Trading Firms

- Microdata linkage
  - Business register - trade transactions links (LFTTD)
    - Improve upon previous research output (Bernard, Jensen, Schott, 2009)
- Data outputs
  - Microdata
    - LFTTD: 1992-2016
    - Accessible through the U.S. Federal Statistical Research Data Center network
  - Public use BDS of (i) Exporters; (ii) Importers; (iii) Exporters-Importers
Merchandise Trade Transaction-Firm Match

[Diagram showing flow of information from Import and Non-Canadian Export Transactions to Canadian Export Transactions to Business Register to LFTTD, with connections for EIN, Name, Firm ID, Longitudinal Business Database, and BDS of Trading Firms after various aggregations.]

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU
census.gov
<table>
<thead>
<tr>
<th>Proposed Statistics:</th>
<th>Proposed Tables:</th>
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</thead>
<tbody>
<tr>
<td>Counts (total, entrants, exiters)</td>
<td>Economy-wide</td>
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<tr>
<td>• Firms</td>
<td>Sector</td>
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<td>• Establishments</td>
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<td>• Employment</td>
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<tr>
<td>Job creation</td>
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<tr>
<td>• Births</td>
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<td>• Incumbents</td>
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<tr>
<td>Job destruction</td>
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<td>• Deaths</td>
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<tr>
<td>• Incumbents</td>
<td></td>
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</tbody>
</table>

By Exporter, Importer, Exporter-Importer
Selected Statistics for **Goods Exporters**

All calculations based on beta version; Revisions expected.
Share of Firms and Employment
Average 2001-2011

Exporter Non Exporter

Firms Employment
Share of Exporting Establishments
By SIC, Average 2001-2011

- 0.187
- 0.167
- 0.036
- 0.015
- 0.008
- 0.010
Share of Exporting Firms
By Firm Size, Average 2001-2011

![Bar chart showing the share of exporting firms by firm size, average 2001-2011.](image)
Share of Exporting Firms
By Firm Age, Average 2001-2011

Share of Exporting Firms by Firm Age

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU
census.gov
Gross Job Creation and Destruction
By Exporting Status and Firm Age, Average 2001-2011

Job Creation Rate

Job Destruction Rate

Exporters and Non-Exporters
Net Job Creation
By Exporting Status, Manufacturing

Net Job Creation Rate in the Manufacturing Sector
By Exporting Status (1992-2011)

United States Census Bureau

Business Dynamics
Ongoing Work

• Representativeness
  • Unmatched transactions
  • Improve coverage of low-value merchandise traders
• Identification of all traders
  • Trade in services