

# **Freight Analysis Framework Version 5 User's Guide**



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### Abstract

This user's guide provides an overview of the Freight Analysis Framework Version 5 (FAF5), including its basic definitions, data structure, and available data products. It describes key elements of the dataset, such as transportation modes, commodity classifications, regions, and trade flows, and includes code tables and a data dictionary to support data interpretation and use.

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# Table of Contents

<b>1. BASIC DEFINITIONS.....</b>	<b>1</b>
1.1. Mode of Transportation.....	1
1.2. Type of Commodity.....	1
1.3. Geography .....	1
<b>2. ACCESSING FAF5 DATA.....</b>	<b>3</b>
2.1. Origin-Destination-Commodity-Mode Database.....	3
2.1.1. <i>FAF Regional Database</i> .....	3
2.1.2. <i>State-Level Database</i> .....	3
2.2. Data Tabulation Tool (DTT).....	3
2.3. Summary Statistics.....	4
<b>3. CODE TABLES AND DATA DICTIONARY.....</b>	<b>5</b>
<b>APPENDIX A. LIST OF FOREIGN COUNTRIES BY FAF ZONE.....</b>	<b>11</b>

## List of Tables

Table 1. FAF Modes .....	5
Table 2. FAF Commodity Codes.....	6
Table 3. FAF Domestic Regions .....	7
Table 4. FAF Foreign Regions.....	10
Table 5. Data Dictionary for FAF Dataset .....	10

# 1. Basic Definitions

## 1.1. MODE OF TRANSPORTATION

Same as FAF4, FAF5 includes the seven modes of transportation from the Commodity Flow Survey (CFS) plus an extra category involving imports. Table 1 in Section 3 below provides a summary and brief description of each mode.

- Domestic Modes are the modes used between domestic origins and destinations, modes used between zones of entry and domestic destination for imports, and modes used between domestic origins and zones of exit for exports.
- Foreign Modes comprise the mode of arrival to zones of entry within the U.S. for imports or mode of departure from zones of exit within the U.S. for exports.

Note about Multiple Modes and Mail: FAF and the CFS use Multiple Modes and Mail rather than intermodal to represent movements of commodities that utilize more than one mode. Intermodal typically refers to containerized cargo that moves between ship and surface modes or between truck and rail. Shipments reported as Multiple Modes can include anything from containerized cargo to coal moving from mine to railhead by truck and rail to harbor. The “Mail” component recognizes that shippers who use parcel delivery services typically do not know what modes were involved after the shipment was picked up.

## 1.2. TYPE OF COMMODITY

Commodities are classified at the 2-digit level of the Standard Classification of Transported Goods (SCTG), summarized in Table 2. A complete description of these categories and their constituent parts can be found on the [Bureau of Transportation Statistics \(BTS\)’s CFS website](#).

## 1.3. GEOGRAPHY

To minimize potential confusion between geography-related terms, the following convention is used in this document.

- Origin – The beginning of a freight movement regardless of geography
  - Domestic Origin
    - For domestic freight movement, the FAF region or state where a freight movement begins
    - For imports, the FAF region or state where a freight movement begins the domestic portion of the trip (see Zone of Entry)
    - For exports, the FAF region or state where a freight movement begins the domestic portion of the trip
  - Foreign Origin – For imports, the foreign region where a freight movement begins
- Destination – The ending of a freight movement regardless of geography
  - Domestic Destination
    - For domestic freight movements, the FAF region or state where a freight movement ends
    - For imports, the FAF region or state where a freight movement ends the domestic portion of the trip

- For exports, the FAF region or state where a freight movement ends the domestic portion of the trip (see Zone of Exit)
- Foreign Destination – For exports, the foreign region where a freight movement ends
- FAF Region – The 132 domestic regions, defined in Table 3.
- State – The 50 States and Washington, D.C.
- Foreign Region – The 8 international regions defined in Table 4, based on the information obtained from the [United Nations Statistics Division](#). Specific countries included in each region are presented in Appendix A.
- Zone of Entry – This is the FAF region or state where an import enters the United States. This term refers to the entire region or state and does not limit to any single location. This replaces the term “international gateway” used previously.
- Zone of Exit – This is the FAF region or state where an export leaves the United States. This term refers to the entire region or state and does not limit to any single location.

## 2. Accessing FAF5 Data

FAF5 can be accessed via links from the [Federal Highway Administration \(FHWA\)](#) or the [Bureau of Transportation Statistics \(BTS\)](#). Users can download the entire FAF5 regional origin-destination-commodity-mode (ODCM) dataset directly from these websites or customize datasets by utilizing FAF5 Data Tabulation Tool (DTT).

### 2.1. ORIGIN-DESTINATION-COMMODITY-MODE DATABASE

FAF5 data sets are available at the FAF5 domestic region level and the state level, both provided in Microsoft Access and Comma Separated Values (CSV) formats.

#### 2.1.1. FAF Regional Database

FAF5 domestic region level datasets and products provide information for states, state portions of large metropolitan areas, and remainders of states as listed in Table 3. Metropolitan areas consist of Metropolitan Statistical Areas or Consolidated Statistical Areas as defined by the Office of Management and Budget. When a metropolitan area is entirely within a state or when a state's portion of a multi-state metropolitan area is large enough to support the sampling procedures in the CFS, the area becomes a separate FAF region. Small single-state metropolitan areas and small portions of a multi-state metropolitan area are part of the State or Remainder of State.

#### 2.1.2. State-Level Database

The state-level datasets and products include information for the 50 States and the District of Columbia. Note that the data for updated historical base years (1997, 2002, 2007, and 2012), which provide a more consistent time series of freight flow information based on FAF5 methodology and data sources, are provided at only state level.

### 2.2. DATA TABULATION TOOL (DTT)

The DTT is a web-based interface that allows FAF users to select specific categories of data, through easy-to-use pull-down menus, to create customized subsets of FAF5 data. Users can choose one of the three types of FAF5 data: Total Flows, Domestic Flows, and Foreign Trade Flows (Import and Export Flows). For access and a detailed description of the DTT, users can visit [ORNL FAF webpage](#).

- Total Flows contains the data associated with freight moved between domestic origins and domestic destinations and includes both domestic and foreign shipments. For import shipments, the origin of the flow is zone of entry (the FAF region or state of entry), and for export shipments, the destination of the flow is zone of exit (the FAF region or state of exit). Mode of transportation for Total Flows is the mode used within and between domestic regions or states.
- Domestic Flows contains only shipments associated with domestic freight moved between domestic origins and domestic destinations. Domestic movements of foreign trade flows (i.e., movements of international shipments inside the U.S.) are not included in the Domestic Flows. Mode of transportation for the Domestic Flows is the mode used within domestic regions or states.

- Foreign Trade Flows
  - Import Flows contains data associated with freight moved from foreign origins to domestic destinations. Geographies for this flow data include Foreign Origin, US Entry Region (Domestic Origin), and Domestic Destination. Mode of transportation consists of two parts: (1) foreign mode used between a foreign origin zone and a zone of entry in the United States and (2) domestic mode used between the zone of entry and its domestic destination.
  - Export Flows contains data associated with freight moved from domestic origins to foreign destinations. Geographies for this flow data include Domestic Origin, US Exit Region (Domestic Destination), and Foreign Destination. Mode of transportation consists of two parts: (1) domestic mode used between the domestic origin of the shipment and its zone of exit and (2) foreign mode used between the zone of exit and foreign destination.

## 2.3. SUMMARY STATISTICS

FAF5 includes several pre-generated summary data products providing commonly used statistics. Statistics reports are typically Excel spreadsheets, which can be opened, viewed, and saved or downloaded for later processing.

Specifically, a series of Excel worksheets were generated using total flows that moved between domestic origins and destinations, including both domestic and foreign shipments. The foreign shipments represent flows between the region of entry and the destination for imported shipments and flows between the origin and the region of exit for exported shipments. Modes of transportation provided in these tables are the modes used within domestic regions. Geographies for these domestic origins and destinations include both state and FAF zone. Five worksheets are available for the FAF5 base-year (2017) and the historical years (1997-2012) as follows:

- Tonnage/value for shipments within, from, and to state/FAF zone by trade type and mode
- Tonnage/value for shipments within, from, and to state/FAF zone by commodity
- Top ten commodities by tonnage/value shipped within, from, and to state/FAF zone
- Top five trade partners by tonnage/value
- Top 50 origin-destination pairs by tonnage/value

The worksheets contain a spreadsheet for each measure and its corresponding percentage of the total measure that is accessed by clicking on the appropriate tab at the bottom of the Excel worksheet. Note that “Million Dollars” is the unit of measure for value and “thousand tons” is the unit of measure for weight. These worksheets contain pivot tables that filter and format FAF data into easily readable and printable tables. When a worksheet is first opened, it defaults to display all states/FAF zones. A small filtering icon (▼) on the right-side of table headings allows you to change what is displayed by clicking on the icon and checking the desired box(s) in the drop-down menu. You should be aware that these filters do not carry over from spreadsheet to spreadsheet and you will need to select them for each one.

### 3. Code Tables and Data Dictionary

Table 1. FAF Modes

Code	Mode	Description
1	Truck	Includes private and for-hire trucks. Does not include truck that is part of <b>Multiple Modes and Mail</b> or truck moves in conjunction with domestic air cargo.
2	Rail	Includes any common carrier or private railroad. Does not include rail that is part of <b>Multiple Modes and Mail</b> .
3	Water	Includes shallow draft, deep draft, Great Lakes, and intra-port shipments. Does not include water that is part of <b>Multiple Modes and Mail</b> .
4	Air (includes truck-air)	Includes shipments move by air or a combination of truck and air in commercial or private aircraft. Includes air freight and air express. In the case of imports and exports by air, domestic moves by ground to and from the port of entry or exit are categorized with <b>Truck</b> .
5	Multiple Modes and Mail	Includes shipments by multiple modes and by parcel delivery services, U.S. Postal Service, or couriers (capped at 150 pounds). This category is not limited to containerized or trailer-on-flatcar shipments.
6	Pipeline	Includes crude petroleum, natural gas, and product pipelines. Note: It also includes pipeline flows from offshore wells to land, which are counted as <b>Water</b> moves by the U.S. Army Corps of Engineers. Does not include pipeline that is part of <b>Multiple Modes and Mail</b> .
7	Other and Unknown	Includes movements not elsewhere classified such as flyaway aircraft, and shipments for which the mode cannot be determined.
8	No Domestic Mode	Includes shipments that have an international mode, but no domestic mode and is limited to import shipments of crude petroleum transferred directly from inbound ships to a U.S. refinery at the zone of entry. This classification enables a proper accounting of flows that do not utilize any domestic transportation network.

**Table 2. FAF Commodity Codes**

<b>Code</b>	<b>Commodity Description</b>
01	Animals and Fish (live)
02	Cereal Grains (includes seed)
03	Agricultural Products (excludes Animal Feed, Cereal Grains, and Forage Products)
04	Animal Feed, Eggs, Honey, and Other Products of Animal Origin
05	Meat, Poultry, Fish, Seafood, and Their Preparations
06	Milled Grain Products and Preparations, and Bakery Products
07	Other Prepared Foodstuffs, Fats and Oils
08	Alcoholic Beverages and Denatured Alcohol
09	Tobacco Products
10	Monumental or Building Stone
11	Natural Sands
12	Gravel and Crushed Stone (excludes Dolomite and Slate)
13	Other Non-Metallic Minerals not elsewhere classified
14	Metallic Ores and Concentrates
15	Coal
16	Crude Petroleum
17	Gasoline, Aviation Turbine Fuel, and Ethanol (includes Kerosene, and Fuel Alcohols)
18	Fuel Oils (includes Diesel, Bunker C, and Biodiesel)
19	Other Coal and Petroleum Products, not elsewhere classified
20	Basic Chemicals
21	Pharmaceutical Products
22	Fertilizers
23	Other Chemical Products and Preparations
24	Plastics and Rubber
25	Logs and Other Wood in the Rough
26	Wood Products
27	Pulp, Newsprint, Paper, and Paperboard
28	Paper or Paperboard Articles
29	Printed Products
30	Textiles, Leather, and Articles of Textiles or Leather
31	Non-Metallic Mineral Products
32	Base Metal in Primary or Semi-Finished Forms and in Finished Basic Shapes
33	Articles of Base Metal
34	Machinery
35	Electronic and Other Electrical Equipment and Components, and Office Equipment
36	Motorized and Other Vehicles (includes parts)
37	Transportation Equipment, not elsewhere classified
38	Precision Instruments and Apparatus
39	Furniture, Mattresses and Mattress Supports, Lamps, Lighting Fittings, and Illuminated Signs
40	Miscellaneous Manufactured Products
41	Waste and Scrap (excludes of agriculture or food)
43	Mixed Freight

**Table 3. FAF Domestic Regions**

Code	FAF Region*	State	State/Remainder of State which includes Part of this CMA*	Type of Region†
011	Birmingham-Hoover-Talladega, AL CFS Area	AL		C
012	Mobile-Daphne-Fairhope, AL CFS Area	AL		C
019	Remainder of Alabama	AL		R
020	Alaska	AK		S
041	Phoenix-Mesa-Scottsdale, AZ CFS Area	AZ		M
042	Tucson-Nogales, AZ CFS Area	AZ		C
049	Remainder of Arizona	AZ		R
050	Arkansas	AR		S
061	Los Angeles-Long Beach, CA CFS Area	CA		C
062	Sacramento-Roseville, CA CFS Area	CA		C
063	San Diego-Carlsbad, CA CFS Area	CA		M
064	San Jose-San Francisco-Oakland, CA CFS Area	CA		C
065	Fresno-Madera, CA CFS Area	CA		C
069	Remainder of California	CA		R
081	Denver-Aurora, CO CFS Area	CO		C
089	Remainder of Colorado	CO		R
091	Hartford-West Hartford-East Hartford, CT CFS Area	CT		M
092	New York-Newark, NY-NJ-CT-PA CFS Area (CT Part)	CT	NY, NJ, PA	C
099	Remainder of Connecticut	CT		R
101	Philadelphia-Reading-Camden, PA-NJ-DE-MD CFS Area (DE Part)	DE	PA, NJ, MD	C
109	Remainder of Delaware	DE		R
111	Washington-Arlington-Alexandria, DC-VA-MD-WV CFS Area (DC Part)	DC	VA, MD, WV	SM
121	Jacksonville-St. Marys-Palatka, FL-GA CFS Area (FL Part)	FL	GA	C
122	Miami-Fort Lauderdale-Port St. Lucie, FL CFS Area	FL		C
123	Orlando-Deltona-Daytona Beach, FL CFS Area	FL		C
124	Tampa-St. Petersburg-Clearwater, FL CFS Area	FL		M
129	Remainder of Florida	FL		R
131	Atlanta-Athens-Clarke County-Sandy Springs, GA CFS Area	GA		C
132	Savannah-Hinesville-Statesboro, GA CFS Area	GA		C
139	Remainder of Georgia	GA		R
151	Urban Honolulu, HI CFS Area	HI		M
159	Remainder of Hawaii	HI		R
160	Idaho	ID		S
171	Chicago-Naperville, IL-IN-WI CFS Area (IL Part)	IL	IN, WI	C
172	St. Louis-St. Charles-Farmington, MO-IL CFS Area (IL Part)	IL	MO	C
179	Remainder of Illinois	IL		R
181	Chicago-Naperville, IL-IN-WI CFS Area (IN Part)	IN	IL, WI	C
182	Indianapolis-Carmel-Muncie, IN CFS Area	IN		C
183	Fort Wayne-Huntington-Auburn, IN CFS Area	IN		C
189	Remainder of Indiana	IN		R
190	Iowa	IA		S
201	Kansas City-Overland Park-Kansas City, MO-KS CFS Area (KS Part)	KS	MO	C
202	Wichita-Arkansas City-Winfield, KS CFS Area	KS		C
209	Remainder of Kansas	KS		R
211	Cincinnati-Wilmington-Maysville, OH-KY-IN CFS Area (KY Part)	KY	OH, IN	C
212	Louisville/Jefferson County-Elizabethtown-Madison, KY-IN CFS Area (KY Part)	KY	IN	C

**Table 3. FAF Domestic Regions (continued)**

Code	FAF Region*	State	State/Remainder of State which includes Part of this CMA*	Type of Region†
223	New Orleans-Metairie-Hammond, LA-MS CFS Area (LA Part)	LA	MS	C
219	Remainder of Kentucky	KY		R
221	Baton Rouge, LA CFS Area	LA		M
222	Lake Charles-Jennings, LA CFS Area	LA		M
229	Remainder of Louisiana	LA		R
230	Maine	ME		S
241	Baltimore-Columbia-Towson, MD CFS Area	MD		M
242	Washington-Arlington-Alexandria, DC-VA-MD-WV CFS Area (MD Part)	MD	DC, VA, WV	M
249	Remainder of Maryland	MD		R
251	Boston-Worcester-Providence, MA-RI-NH-CT CFS Area (MA Part)	MA	RI, NH, CT	C
259	Remainder of Massachusetts	MA		R
261	Detroit-Warren-Ann Arbor, MI CFS Area	MI		C
262	Grand Rapids-Wyoming-Muskegon, MI CFS Area	MI		C
269	Remainder of Michigan	MI		R
271	Minneapolis-St. Paul, MN-WI CFS Area (MN Part)	MN	WI	C
279	Remainder of Minnesota	MN		R
280	Mississippi	MS		S
291	Kansas City-Overland Park-Kansas City, MO-KS CFS Area (MO Part)	MO	KS	C
292	St. Louis-St. Charles-Farmington, MO-IL CFS Area (MO Part)	MO	IL	C
299	Remainder of Missouri	MO		R
300	Montana	MT		S
311	Omaha-Council Bluffs-Fremont, NE-IA CFS Area (NE Part)	NE	IA	C
319	Remainder of Nebraska	NE		R
321	Las Vegas-Henderson, NV-AZ CFS Area (NV Part)	NV	AZ	C
329	Remainder of Nevada	NV		R
331	Boston-Worcester-Providence, MA-RI-NH-CT CFS Area (NH Part)	NH	MA, RI, CT	C
339	Remainder of New Hampshire	NH		R
341	New York-Newark, NY-NJ-CT-PA CFS Area (NJ Part)	NJ	NY, CT, PA	C
342	Philadelphia-Reading-Camden, PA-NJ-DE-MD CFS Area (NJ Part)	NJ	PA, DE, MD	C
350	New Mexico	NM		S
361	Albany-Schenectady, NY CFS Area	NY		C
362	Buffalo-Cheektowaga, NY CFS Area	NY		C
363	New York-Newark, NY-NJ-CT-PA CFS Area (NY Part)	NY	NJ, CT, PA	C
364	Rochester-Batavia-Seneca Falls, NY CFS Area	NY		C
369	Remainder of New York	NY		R
371	Charlotte-Concord, NC-SC CFS Area (NC Part)	NC	SC	C
372	Greensboro-Winston-Salem-High Point, NC CFS Area	NC		C
373	Raleigh-Durham-Chapel Hill, NC CFS Area	NC		C
379	Remainder of North Carolina	NC		R
380	North Dakota	ND		S
391	Cincinnati-Wilmington-Maysville, OH-KY-IN CFS Area (OH Part)	OH	KY, IN	C
392	Cleveland-Akron-Canton, OH CFS Area	OH		C
393	Columbus-Marion-Zanesville, OH CFS Area	OH		C
394	Dayton-Springfield-Sidney, OH CFS Area	OH		C
399	Remainder of Ohio	OH		R
401	Oklahoma City-Shawnee, OK CFS Area	OK		C

**Table 3. FAF Domestic Regions (continued)**

Code	FAF Region*	State	State/Remainder of State which includes Part of this CMA*	Type of Region†
402	Tulsa-Muskogee-Bartlesville, OK CFS Area	OK		C
409	Remainder of Oklahoma	OK		R
411	Portland-Vancouver-Salem, OR-WA CFS Area (OR Part)	OR	WA	C
419	Remainder of Oregon	OR		R
421	Philadelphia-Reading-Camden, PA-NJ-DE-MD CFS Area (PA Part)	PA	NJ, DE, MD	C
422	Pittsburgh-New Castle-Weirton, PA-OH-WV CFS Area (PA Part)	PA	OH, WV	C
423	New York-Newark, NY-NJ-CT-PA CFS Area (PA Part)	PA	NY, NJ, CT	C
429	Remainder of Pennsylvania	PA		R
441	Boston-Worcester-Providence, MA-RI-NH-CT CFS Area (RI Part)	RI	MA, NH, CT	SM
451	Charleston-North Charleston, SC CFS Area	SC		M
452	Greenville-Spartanburg-Anderson, SC CFS Area	SC		C
459	Remainder of South Carolina	SC		R
460	South Dakota	SD		S
471	Memphis-Forrest City, TN-MS-AR CFS Area (TN Part)	TN	MS, AR	C
472	Nashville-Davidson-Murfreesboro, TN CFS Area	TN		C
473	Knoxville-Morristown-Sevierville, TN CFS Area	TN		C
479	Remainder of Tennessee	TN		R
481	Austin-Round Rock, TX CFS Area	TX		M
482	Beaumont-Port Arthur, TX CFS Area	TX		M
483	Corpus Christi-Kingsville-Alice, TX CFS Area	TX		C
484	Dallas-Fort Worth, TX-OK CFS Area (TX Part)	TX	OK	C
485	El Paso-Las Cruces, TX-NM CFS Area (TX Part)	TX	NM	C
486	Houston-The Woodlands, TX CFS Area	TX		C
487	Laredo, TX CFS Area	TX		M
488	San Antonio-New Braunfels, TX CFS Area	TX		M
489	Remainder of Texas	TX		R
491	Salt Lake City-Provo-Orem, UT CFS Area	UT		C
499	Remainder of Utah	UT		R
500	Vermont	VT		S
511	Richmond, VA CFS Area	VA		M
512	Virginia Beach-Norfolk, VA-NC CFS Area (VA Part)	VA	NC	C
513	Washington-Arlington-Alexandria, DC-VA-MD-WV CFS Area (VA Part)	VA	DC, MD, WV	M
519	Remainder of Virginia	VA		R
531	Seattle-Tacoma, WA CFS Area	WA		C
532	Portland-Vancouver-Salem, OR-WA CFS Area (WA Part)	WA	OR	C
539	Remainder of Washington	WA		R
540	West Virginia	WV		S
551	Milwaukee-Racine-Waukesha, WI CFS Area	WI		C
559	Remainder of Wisconsin	WI		R
560	Wyoming	WY		S

\* Many census metropolitan area (CMA) boundaries cross more than one state. Major subareas of a CMA are defined as separate FAF regions, one for each state. Small subareas of a CMA are included with the State or Rest of State region identified in this field.

† Type of Region codes:

C: Combined Statistical Area (CSA)
M: Metropolitan Statistical Area (MSA)
R: Rest of State-everything in a state that is not included in a CSA or MSA (RoS)
S: State that does not include a CSA or MSA
SM: Whole state is part of MSA

**Table 4. FAF Foreign Regions**

Code	FAF Region
801	Canada
802	Mexico
803	Rest of Americas
804	Europe
805	Africa
806	SW & Central Asia
807	Eastern Asia
808	SE Asia & Oceania

**Table 5. Data Dictionary for FAF Dataset**

Field	Description	Codes	Comment
fr_orig	Foreign region of shipment origin	<u>Table 4</u>	Import: Foreign Origin
dms_orig	FAF region or state where a freight movement begins the domestic portion of shipment. For imports, this is the US entry region where an import enters the United States.	<u>Table 3</u> FIPS code	Total/Domestic: Domestic Origin Import: US Entry Region Export: Domestic Origin
dms_dest	FAF region or state where a freight movement ends the domestic portion of shipment. For exports, this is the US exit region where an export leaves the United States.	<u>Table 3</u> FIPS code	Total/Domestic: Domestic Destination Import: Domestic Destination Export: US Exit Region
fr_dest	Foreign region of shipment destination	<u>Table 4</u>	Export: Foreign Destination
fr_inmode	Mode used between a foreign region and the US entry region for the imported goods	<u>Table 1</u>	Import: Foreign In-Mode
dms_mode	Mode used between domestic origins and destinations	<u>Table 1</u>	Total/Domestic: Domestic Mode Import: Mode from Entry Region to destination Export: Mode from origin to Exit Region
fr_outmode	Mode used between the US exit region and foreign region for the exported goods	<u>Table 1</u>	Export: Foreign Out-Mode
sctg2	2-digit level of the Standard Classification of Transported Goods	<u>Table 2</u>	--
trade_type	Type of trade	1 Domestic Only 2 Import 3 Export	--
value	Total value (in 2017 dollar) of commodities shipped (unit: Million \$)	--	--
tons	Total weight of commodities shipped (unit: Thousand Tons)	--	--
current_value	Total value (in current dollar of each year) of commodities shipped (unit: Million \$)		

## Appendix A. List of Foreign Countries by FAF Zone

FAF Zone	Foreign Region	Countries
801	Canada	Canada
802	Mexico	Mexico
803	Rest of Americas	Anguilla, Antigua and Barbuda, Argentina, Aruba, Bahamas, Barbados, Belize, Bermuda, Bolivia, Bonaire, Sint Eustatius and Saba, Brazil, British Virgin Islands, Cayman Islands, Chile, Colombia, Costa Rica, Cuba, Curacao, Dominica, Dominican Republic, Ecuador, El Salvador, Falkland Islands, French Guiana, Greenland, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Montserrat, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, St. Barthelemy, St. Kitts and Nevis, St. Lucia, St. Martin, St. Pierre and Miquelon, St. Vincent and the Grenadines, Sint Maarten, Suriname, Trinidad and Tobago, Turks and Caicos Islands, U.S. Virgin Islands, Uruguay, and Venezuela
804	Europe	Åland Islands, Albania, Andorra, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Channel Islands (Guernsey, Jersey, and Sark), Croatia, Czech Republic, Denmark, Estonia, Faroe Islands, Finland, France, Germany, Gibraltar, Greece, Hungary, Iceland, Ireland, Isle of Man, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Moldova, Monaco, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, San Marino, Serbia, Slovakia, Slovenia, Spain, Svalbard and Jan Mayen Islands, Sweden, Switzerland, Ukraine, United Kingdom, and Vatican City
805	Africa	Algeria, Angola, Benin, Botswana, British Indian Ocean Territory, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo (Brazzaville), Congo (Kinshasa), Djibouti, Egypt, Equatorial Guinea, Eritrea, Eswatini, Ethiopia, French Southern and Antarctic Lands, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Ivory Coast, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mayotte, Morocco, Mozambique, Namibia, Niger, Nigeria, Reunion, Rwanda, St. Helena, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Tanzania, Togo, Tunisia, Uganda, Western Sahara, Zambia, and Zimbabwe
806	Southern, Central, and Western Asia	Afghanistan, Armenia, Azerbaijan, Bahrain, Bangladesh, Bhutan, Cyprus, Georgia, India, Iran, Iraq, Israel, Jordan, Kazakhstan, Kuwait, Kyrgyzstan, Lebanon, Maldives, Nepal, Oman, Palestine, Pakistan, Qatar, Saudi Arabia, Sri Lanka, Syria, Tajikistan, Turkey, Turkmenistan, United Arab Emirates, Uzbekistan, and Yemen
807	Eastern Asia	China, Hong Kong, Japan, Macao, Mongolia, North Korea, South Korea, and Taiwan
808	Southeastern Asia and Oceania	American Samoa, Australia, Brunei, Cambodia, Christmas Island, Cocos Islands, Cook Islands, East Timor, Federated States of Micronesia, Fiji, French Polynesia, Guam, Heard and McDonald Islands, Indonesia, Kiribati, Laos, Malaysia, Marshall Islands, Myanmar, Nauru, New Caledonia, New Zealand, Niue, Norfolk Island, Northern Mariana Islands, Palau, Papua New Guinea, Philippines, Pitcairn Islands, Samoa, Singapore, Solomon Islands, Thailand, Tokelau, Tonga, Tuvalu, Vanuatu, Vietnam, and Wallis and Futuna