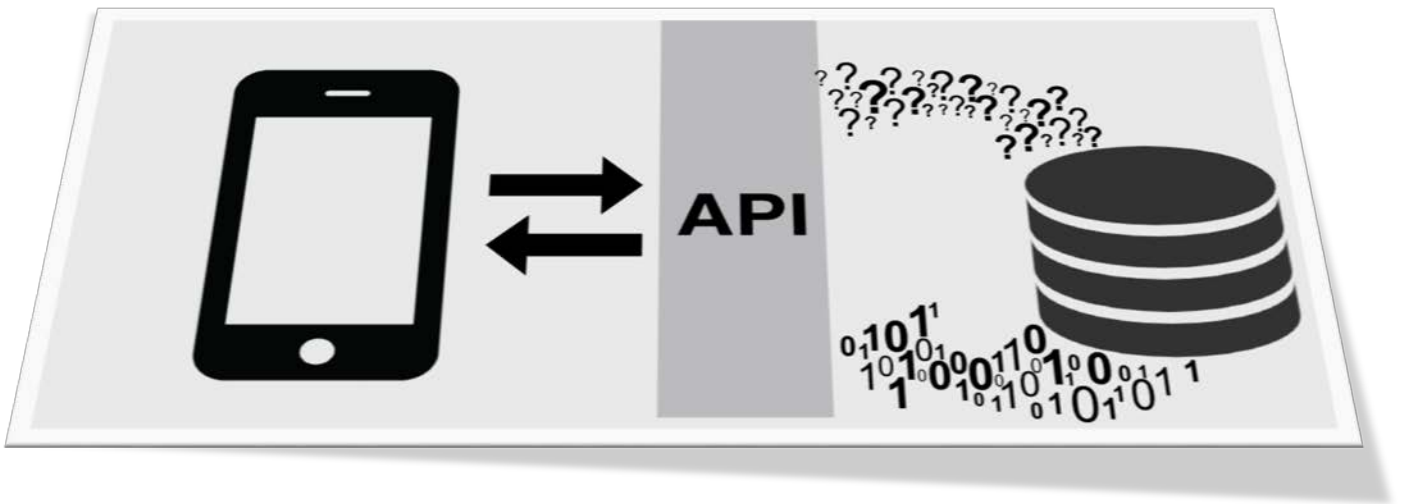


International Trade Data API User Guide



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Introduction

This guide will show you how to access the Monthly International Trade Datasets (MITD) and their associated meta-data published in the Census API. It will also serve as an informational resource about the MITD. The guide assumes that you are a programmer or researcher who is familiar with the concepts and techniques of retrieving data from Web Services. See the *International Trade Developers Page* for more information.

Accessing the Census API

You can submit up to 500 API calls a day without an API Key, but once you have exceeded 500 calls you will need an API Key. You can sign up for 40-character API Key by registering at https://api.census.gov/data/key_signup.html. To register, you must provide your name (or organization name), a valid email address, and agree to the published terms of service.

Request A Key

Organization Name:

Email Address:

I agree to the [terms of service](#)

After completing the registration form, you will receive an email containing your assigned API Key and a hyperlink to activate your key: you must click on the link to activate your key.



URIs and Endpoints

The Uniform Resource Identifiers (URIs) of the MITD endpoints are as follows:

Exports

[https://api.census.gov/data/timeseries/intltrade/exports/\[dataset\]](https://api.census.gov/data/timeseries/intltrade/exports/[dataset])

Imports

[https://api.census.gov/data/timeseries/intltrade/imports/\[dataset\]](https://api.census.gov/data/timeseries/intltrade/imports/[dataset])

Data set:	Export Endpoints	Import Endpoints
Harmonized System (HS)	https://api.census.gov/data/timeseries/intltrade/exports/hs	https://api.census.gov/data/timeseries/intltrade/imports/hs
Harmonized System (HS) by State	https://api.census.gov/data/timeseries/intltrade/exports/statehs	https://api.census.gov/data/timeseries/intltrade/imports/statehs
Harmonized System (HS) by Port	https://api.census.gov/data/timeseries/intltrade/exports/porths	https://api.census.gov/data/timeseries/intltrade/imports/porths
North American Industry Classification System (NAICS)	https://api.census.gov/data/timeseries/intltrade/exports/naics	https://api.census.gov/data/timeseries/intltrade/imports/naics
NAICS by State	https://api.census.gov/data/timeseries/intltrade/exports/statenaics	https://api.census.gov/data/timeseries/intltrade/imports/statenaics
End-use	https://api.census.gov/data/timeseries/intltrade/exports/enduse	https://api.census.gov/data/timeseries/intltrade/imports/enduse
Standard International Trade Classification (SITC)	https://api.census.gov/data/timeseries/intltrade/exports/sitc	https://api.census.gov/data/timeseries/intltrade/imports/sitc
Advance Technology (Hi-tech)	https://api.census.gov/data/timeseries/intltrade/exports/hitech	https://api.census.gov/data/timeseries/intltrade/imports/hitech
USDA (Ag or NonAg)	https://api.census.gov/data/timeseries/intltrade/exports/usda	https://api.census.gov/data/timeseries/intltrade/imports/usda

How to Choose Your Endpoint

Choose your endpoint(s) based on your preferred commodity classification system and geography. For example, if you would like U.S. export data aggregated by NAICS codes then choose the export NAICS endpoint. HS, NAICS, End-use, SITC, USDA, and Advanced Technology endpoints all have district and country level detail and totals.

Port and State Level Data

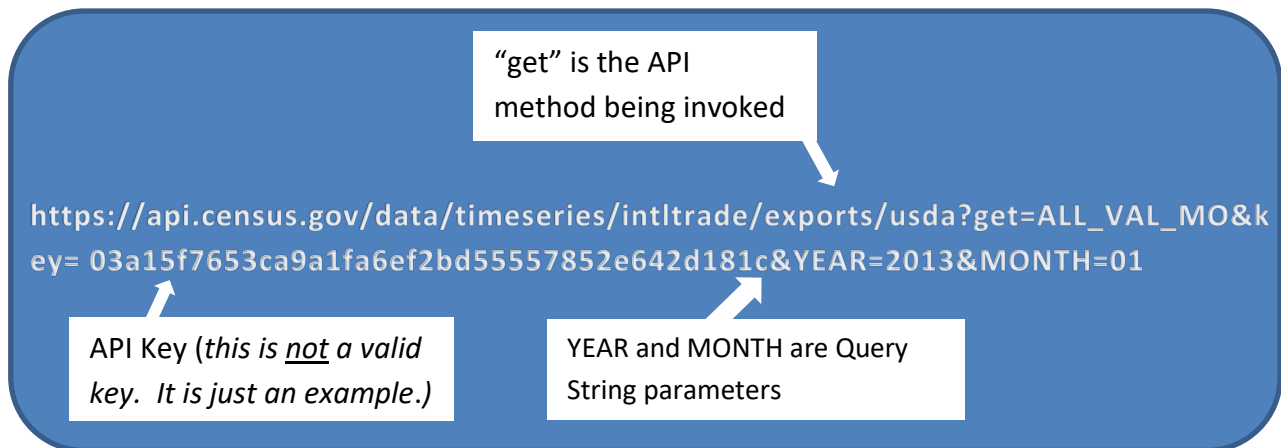
In order to prevent disclosure, port level data is only available at the 2-, 4-, and 6-digit HS levels and state level data is only available at the 2-, 4-, and 6-digit HS levels and 2-, 3-, and 4-digit NAICS levels. That is why these state and port endpoints are separate from the others. If you would like to get state level HS data then choose the export or import HS by State endpoint.

Dataset	Level of Detail for Exports	Level of Detail for Imports
Harmonized System (HS)	2-,4-,6-,& 10-digit HS by Country by District by Domestic/Foreign (DF)	2-,4-,6-,& 10-digit HS by Country by District by Rate Provision by Country Subcode
Harmonized System (HS) by State	2-,4-,& 6-digit HS by Country by State	2-,4-,& 6-digit HS by Country by State
Harmonized System (HS) by Port	2-,4-,& 6-digit HS by Country by Port	2-,4-,& 6-digit HS by Country by Port
North American Industry Classification System (NAICS)	2-,3-,4-,5- & 6-digit NAICS by Country by District by DF	2-,3-,4-,5- & 6-digit NAICS by Country by District
NAICS by State	2-,3-,& 4-digit NAICS by Country by State	2-,3-,& 4-digit NAICS by Country by State
End-use	1-& 5-digit End-use by Country by District by DF	1-& 5-digit End-use by Country by District
Standard International Trade Classification (SITC)	SITC by Country by District by DF	SITC by Country by District
Advance Technology (Hi-tech)	Hi-tech by Country by District by DF	Hi-tech by Country by District
USDA (Ag or NonAg)	USDA by Country by District by DF	USDA by Country by District

Accessing the Trade Data

Use the URIs above to access monthly trade datasets in the Census API. You can retrieve data by sending an HTTPS GET to the URI with the appropriate (querystring) parameters. You can view a comprehensive list of available export and import parameters in appendices [A](#) and [B](#).

Here is an example. The following API call will retrieve the monthly export value for January 2016 (if the following API Key was valid – the key below is not valid).



The diagram shows a blue rounded rectangle containing an API URL. Three white callout boxes with arrows point to parts of the URL:

- Top box: "get" is the API method being invoked (points to `get=ALL_VAL_MO`)
- Bottom-left box: API Key (*this is not a valid key. It is just an example.*) (points to `key= 03a15f7653ca9a1fa6ef2bd55557852e642d181c`)
- Bottom-right box: YEAR and MONTH are Query String parameters (points to `&YEAR=2013&MONTH=01`)

```
https://api.census.gov/data/timeseries/intltrade/exports/usda?get=ALL_VAL_MO&key= 03a15f7653ca9a1fa6ef2bd55557852e642d181c&YEAR=2013&MONTH=01
```



The following examples in the rest of this guide will exclude the API Key. API calls excluding the API Key will work but they will stop working after you exceed 500 calls in a day, so we strongly recommend developers include their API key.

Output Format

The API returns data in the Javascript Object Notation ([JSON](#)) format.

Parameters

There are currently 56 export parameters (*appendix A*) and 85 import parameters (*appendix B*) in the MITD. Note that not all variables are available in each endpoint. The following section gives guidance on how to use these parameters correctly.

Default Values for Parameters

The default value for all *String type parameters* is a dash (-). Calls excluding specific string parameters will return the total value for that string parameter. For example, the following call excludes the country (CTY_CODE), HS (E_COMMODITY), district (DISTRICT), and domestic/foreign (DF) parameters. It will therefore return the total value for all countries, HS codes, districts, and DF values in January 2013.

https://api.census.gov/data/timeseries/intltrade/exports/hs?get=ALL_VAL_MO&time=2013-01

```
[["ALL_VAL_MO", "time"],
["123031879061", "2013-01"]]
```

If you add the country code parameter (CTY_CODE) to your call, then your call will return the total export value for January 2013 broken down by country.

https://api.census.gov/data/timeseries/intltrade/exports/hs?get=CTY_CODE,CTY_NAME,ALL_VAL_MO&time=2013-01

```
[["CTY_CODE", "CTY_NAME", "ALL_VAL_MO", "time"],
["-", "TOTAL FOR ALL COUNTRIES", "123031879061", "2013-01"],
["1010", "GREENLAND", "233446", "2013-01"],
["1220", "CANADA", "23170845914", "2013-01"],
["2010", "MEXICO", "17902453702", "2013-01"],
["2050", "GUATEMALA", "425978783", "2013-01"],
["2080", "BELIZE", "17795867", "2013-01"],
```

....

If you add DF to your call, your call will return the total export value broken out by domestic (DF=1) and foreign (DF=2) export value.

https://api.census.gov/data/timeseries/intltrade/exports/hs?get=DF,ALL_VAL_MO&time=2013-01

```
[["DF", "ALL_VAL_MO", "time"],
["-", "123031879061", "2013-01"],
["1", "107249767181", "2013-01"],
["2", "15782111880", "2013-01"]]
```



The API results will not be sorted in any particular order so the "TOTAL FOR ALL COUNTRIES" row above may not appear at the top. You will need to do the sorting yourself on your end.

Description Parameters

There are certain string parameters that must be used in conjunction with their corresponding code parameter. If not, the the call will not return expected results. These parameters are noted in Appendix A and B.



https://api.census.gov/data/timeseries/intltrade/exports/hs?get=CTY_NAME,ALL_VAL_MO&YEAR=2017&MONTH=04

```
[["CTY_NAME", "ALL_VAL_MO", "YEAR", "MONTH"],  
["TOTAL FOR ALL COUNTRIES", "123722329072", "2017", "04"]]
```



https://api.census.gov/data/timeseries/intltrade/exports/hs?get=CTY_CODE,CTY_NAME,ALL_VAL_MO&YEAR=2017&MONTH=04

```
[["CTY_CODE", "CTY_NAME", "ALL_VAL_MO", "YEAR", "MONTH"],  
["-", "TOTAL FOR ALL  
COUNTRIES", "123722329072", "2017", "04"],  
["1010", "GREENLAND", "583168", "2017", "04"],  
["1220", "CANADA", "22712815642", "2017", "04"],  
["1610", "ST PIERRE AND MIQUELON", "2595", "2017", "04"],  
["2010", "MEXICO", "18863545207", "2017", "04"],  
["2050", "GUATEMALA", "434126455", "2017", "04"],  
...]
```

Invalid Parameters

When you submit invalid parameters in a request, the call will result in an error message:



https://api.census.gov/data/timeseries/intltrade/exports/sitc?get=SITC,ALL_VAL_MO,GEN_VAL_MO&YEAR=2017&MONTH=04

```
error: error: unknown variable 'GEN_VAL_MO'
```



https://api.census.gov/data/timeseries/intltrade/exports/sitc?get=SITC,ALL_VAL_MO,ALL_VAL_YR&YEAR=2017&MONTH=04



When you submit an API call and it returns an HTTP status of 204, that is different from an error. HTTP status 204 means that there are no records for that particular combination of parameters. See the following section on Valid Request with No Results.

Missing Required Parameters

Your calls must have either the *time* or YEAR/MONTH parameters. The following API call will result in an error because it does not have the required YEAR/MONTH or time parameters:



```
https://api.census.gov/data/timeseries/intltrade/imports/hs?get=DISTRICT,DIST_NAME,GEN_VAL_YR
```

If you add the time parameter or YEAR/MONTH to the API call, you will no longer receive an error.



```
https://api.census.gov/data/timeseries/intltrade/imports/hs?get=DISTRICT,GEN_VAL_YR&time=2013-03
```

Invalid Combination of Parameters

There are six different commodity classification systems available in the API for exports and imports. Two of these systems, the Harmonized System (HS) and End-use, have different codes for exports and imports, while the rest of the codes are the same for exports and imports. End-use, NAICS, SITC, USDA, and HITECH classification codes are derived from the reported Harmonized System codes (E_COMMODITY for exports and I_COMMODITY for imports). You can find which HS codes are mapped to which End-use, NAICS, SITC, USDA, and HITECH codes using the [concordance page](#).

Choose which endpoint to use based on which classification system you want to use. Do not combine more than one classification system in your API call or you will get an error. Only use one.

Exports

You should only submit API calls with parameter(s) from one of the following rows using the specified endpoint. If you submit an API call with parameters from more than one of the following rows or parameters from the wrong endpoint, then the API call will produce an error:

Endpoint	Choose code(s) from only one row
hs	E_COMMODITY, E_COMMODITY_LDESC, E_COMMODITY_SDESC
enduse	E_ENDUSE, E_ENDUSE_LDESC, E_ENDUSE_SDESC
naics	NAICS, NAICS_LDESC, NAICS_SDESC
sitc	SITC, SITC_LDESC, SITC_SDESC
usda	USDA
hitech	HITECH and HITECH_DESC



```
https://api.census.gov/data/timeseries/intltrade/exports/naics?get=NAICS,SITC,ALI_VAL_YR&time=2013-05
```

Imports

You should only submit API calls with parameter(s) from one of the following rows based on which endpoint you choose. If you submit an API call with parameters from more than one of the following rows or parameters from the wrong endpoint, then the API call will produce an error:

Endpoint	Choose code(s) from only one row
hs	I_COMMODITY, I_COMMODITY_LDESC, I_COMMODITY_SDESC
enduse	I_ENDUSE, I_ENDUSE_LDESC, I_ENDUSE_SDESC
naics	NAICS, NAICS_LDESC, NAICS_SDESC
sitc	SITC, SITC_LDESC, SITC_SDESC
usda	USDA
hitech	HITECH and HITECH_DESC



https://api.census.gov/data/timeseries/intltrade/imports/usda?get=I_COMMODITY,USDA,NAICS,GEN_VAL_YR&time=2016-05

Valid Request with No Results

If an API call does not output any results, that does not necessarily mean there is an error. It may also mean that there is no data for that combination of parameters. For example, HTTP status code 204 represents a successful request with no results. Therefore, all the values are zero.



https://api.census.gov/data/timeseries/intltrade/exports/enduse?get=E_ENDUSE,E_ENDUSE_LDESC,CTY_CODE,ALL_VAL_MO,ALL_VAL_YR&YEAR=2013&MONTH=01&CTY_CODE=2470&E_ENDUSE=00100

The preceding API call returns an HTTP status code of 204. It is a valid request but the U.S. did not export any soybeans to the Dominican Republic in January of 2013.

Units of Quantity

Units of Quantity are not available for classification systems other than the Harmonized System (HS). You should only use the two quantity parameters (UNIT_QY1 and UNIT_QY2) in API calls involving E_COMMODITY, E_COMMODITY_LDESC, E_COMMODITY_SDESC or I_COMMODITY, I_COMMODITY_LDESC, and I_COMMODITY_SDESC.



```
https://api.census.gov/data/timeseries/intltrade/exports/hs?get=E_COMMODITY,E_COMMODITY_LDESC,UNIT_QY1,UNIT_QY2,ALL_VAL_MO,QTY_1_MO,QTY_1_MO_FLAG,QTY_2_MO,QTY_2_MO_FLAG&time=2016-05
```



```
https://api.census.gov/data/timeseries/intltrade/imports/hs?get=I_COMMODITY,I_COMMODITY_LDESC,UNIT_QY1,UNIT_QY2,GEN_VAL_MO,GEN_QY1_MO,GEN_QY1_MO_FLAG,GEN_QY2_MO,GEN_QY2_MO_FLAG&time=2016-05
```



See the following section on Missing Values for an explanation of why the QTY_1_MO_FLAG and QTY_2_MO_FLAG parameters are required in the API calls above.

Missing Value Flags

The API does not allow missing values, so some zero values are not *true zeros*. They are missing values. Missing values are values that are not available in the Trade Datasets. Only quantity variables have the potential for missing values and quantities are only included in the HS datasets. In order to distinguish between *true zeros* and missing values, use a quantity parameters's corresponding Missing Value Flag parameter. For example, QTY_1_MO has a flag parameter named QTY_1_MO_FLAG. When including QTY_1_MO as part of an API call, you should also always include QTY_1_MO_FLAG in the call. If not, you will not be able to tell if a zero value for QTY_1_MO is actually a zero or is missing. If a value is missing then the corresponding FLAG parameter will be equal to "M", otherwise it will be blank denoting a *true zero*.



```
https://api.census.gov/data/timeseries/intltrade/exports/hs?get=E_COMMODITY,ALL_VAL_YR,QTY_1_MO,QTY_1_MO_FLAG&time=2013-01&COMM_LVL=HS2
```

```
[["E_COMMODITY", "ALL_VAL_YR", "QTY_1_MO", "QTY_1_MO_FLAG", "time", "COMM_LVL"],  
  ["01", "74350735", "0", "M", "2013-01", "HS2"],  
  ["16", "174615006", "0", "M", "2013-01", "HS2"],  
  ["17", "201555973", "0", "M", "2013-01", "HS2"],  
  ["18", "146303014", "0", "M", "2013-01", "HS2"],  
  ["19", "331396641", "0", "M", "2013-01", "HS2"],  
  ["20", "402077701", "0", "M", "2013-01", "HS2"],  
  ["21", "617359186", "0", "M", "2013-01", "HS2"],  
  ["22", "512278961", "0", "M", "2013-01", "HS2"]],
```

The zeros above are not *true zeros*. They are missing values. Including the FLAG parameter (QTY_1_MO_FLAG) allows you to tell the difference between missing values and *true zeros*.



https://api.census.gov/data/timeseries/intltrade/imports/hs?get=I_COMMODITY,GEN_QY1_MO,GEN_QY1_YR&time=2013-05&COMM_LVL=HS2

```
[["I_COMMODITY", "GEN_QY1_MO", "GEN_QY1_YR", "time", "COMM_LVL"],
["01", "0", "0", "2013-05", "HS2"],
["02", "0", "0", "2013-05", "HS2"],
["03", "0", "0", "2013-05", "HS2"],
["04", "0", "0", "2013-05", "HS2"],
["05", "0", "0", "2013-05", "HS2"]]
```

These zeros are not *true zeros*. They are missing values. If you included the FLAG parameter (GEN_QY1_MO_FLAG) in your call then you could tell the difference.

Flag parameters' names always start with the same naming convention of their corresponding parameter and end with "_FLAG". For example, QTY_1_MO's flag parameter is QTY_1_MO_FLAG.

Hexadecimal Equivalents

Certain special characters (e.g. "+") mean something special in API calls, so including them in a call may produce unexpected results. Instead of special characters, try using their *hexadecimal equivalents*:



https://api.census.gov/data/timeseries/intltrade/imports/hs?get=CTY_SUBCODE,GEN_VAL_MO&time=2013-01&CTY_SUBCODE=P%2B



https://api.census.gov/data/timeseries/intltrade/imports/hs?get=CTY_SUBCODE,GEN_VAL_MO&time=2013-01&CTY_SUBCODE=P+

API Restrictions

Cardinality

Some data users may experience performance issues while querying monthly International Trade data. Using a single query to pull data on all countries and or all commodities will result in error. In general, the API can handle a large number of smaller data calls better than it can handle one large data call. We suggest you limit the size of the query by breaking up the call and combining the output. One way to do this is by using a wild card “*”.



```
https://api.census.gov/data/timeseries/intltrade/imports/porths?get=PORT,CTY_CODE,I  
_COMMODITY,GEN_VAL_MO,AIR_VAL_MO,AIR_WGT_MO&YEAR=2017&MONTH=09&S  
UMMARY_LVL=DET&COMM_LVL=HS6
```



```
https://api.census.gov/data/timeseries/intltrade/imports/porths?get=PORT,CTY_CODE,I_CO  
MMODITY,GEN_VAL_MO,AIR_VAL_MO,AIR_WGT_MO&YEAR=2017&MONTH=09&SUMMAR  
Y_LVL=DET&COMM_LVL=HS6&I_COMMODITY=1*
```

and

```
https://api.census.gov/data/timeseries/intltrade/imports/porths?get=PORT,CTY_CODE,I_CO  
MMODITY,GEN_VAL_MO,AIR_VAL_MO,AIR_WGT_MO&YEAR=2017&MONTH=09&SUMMAR  
Y_LVL=DET&COMM_LVL=HS6&I_COMMODITY=2*
```

and

```
https://api.census.gov/data/timeseries/intltrade/imports/porths?get=PORT,CTY_CODE,I_CO  
MMODITY,GEN_VAL_MO,AIR_VAL_MO,AIR_WGT_MO&YEAR=2017&MONTH=09&SUMMAR  
Y_LVL=DET&COMM_LVL=HS6&I_COMMODITY=3*
```

etc...

If calling country by commodity data, try splitting your calls by pulling all the classification codes that begin with 1,2,3,...,9 in separate calls. In this example we use the endpoint porths with comm_LVL=HS6 but this approach can be modified for other endpoints, such as enduse and hs, and aggregation levels such as HS2, HS4, HS6, HS10, NA6, NA5, NA4, NA3, EU5, and EU1.

Example API Calls

	Data Requested	Time Period	API Call
Totals	Total, Domestic, and Foreign Export Totals	December 2013	https://api.census.gov/data/timeseries/intltrade/exports/hs?get=DF,ALL_VAL_MO,ALL_VAL_YR&YEAR=2013&MONTH=12
	General and Consumption Import Totals	May 2013	https://api.census.gov/data/timeseries/intltrade/imports/hs?get=GEN_VAL_MO,CON_VAL_MO&YEAR=2013&MONTH=05
Transportation	Total Exports by Method of Transportation	September 2013	https://api.census.gov/data/timeseries/intltrade/exports/hs?get=ALL_VAL_MO,ALL_VAL_YR,AIR_VAL_MO,AIR_VAL_YR,CNT_VAL_MO,CNT_VAL_YR,VES_VAL_MO,VES_VAL_YR&YEAR=2013&MONTH=09
	General Imports by Method of Transportation	March 2013	https://api.census.gov/data/timeseries/intltrade/imports/hs?get=GEN_VAL_MO,GEN_VAL_YR,AIR_VAL_MO,AIR_VAL_YR,CNT_VAL_MO,CNT_VAL_YR,VES_VAL_MO,VES_VAL_YR&YEAR=2013&MONTH=03
Country	Total Exports by Country and Country Groupings	June 2013	https://api.census.gov/data/timeseries/intltrade/exports/hs?get=CTY_CODE,CTY_NAME,ALL_VAL_MO,ALL_VAL_YR&time=2013-06
	Total Exports to Canada and Mexico	April 2013	https://api.census.gov/data/timeseries/intltrade/exports/hs?get=CTY_CODE,CTY_NAME,ALL_VAL_MO,ALL_VAL_YR&time=2013-04&CTY_CODE=1220&CTY_CODE=2010
	General Import Values for Unique Country Subcodes	January 2013	https://api.census.gov/data/timeseries/intltrade/imports/hs?get=CTY_SUBCODE,GEN_VAL_MO&time=2013-01
Subnational	State Export Totals	January 2013	https://api.census.gov/data/timeseries/intltrade/exports/statehs?get=STATE,ALL_VAL_MO,ALL_VAL_YR&time=2013-01
	District Exports from Baltimore	October 2013	https://api.census.gov/data/timeseries/intltrade/exports/hs?get=DISTRICT,DIST_NAME,ALL_VAL_MO,ALL_VAL_YR&time=2013-10&DISTRICT=13
	Port Imports to All Ports	June 2013	https://api.census.gov/data/timeseries/intltrade/imports/porths?get=PORT,PORT_NAME,GEN_VAL_MO,GEN_VAL_YR&time=2013-06
Commodity Level	HS Export Totals for all 2-, 4-, 6-, and 10-digit codes	March 2013	https://api.census.gov/data/timeseries/intltrade/imports/hs?get=I_COMMODITY,I_COMMODITY_SDESC,I_COMMODITY_LDESC,GEN_VAL_MO,GEN_VAL_YR&time=2013-03
	Import Totals for Video Games (9504.50.0000)	March 2013	https://api.census.gov/data/timeseries/intltrade/imports/hs?get=I_COMMODITY,I_COMMODITY_SDESC,I_COMMODITY_LDESC,GEN_VAL_MO,GEN_VAL_YR&time=2013-03&I_COMMODITY=9504500000
Time Series	Export Totals from January to November 2013	January 2013 to November 2013	https://api.census.gov/data/timeseries/intltrade/exports/hs?get=ALL_VAL_MO,ALL_VAL_YR&time=from+2013-01+to+2013-11
	Import Totals from April 2013 on	April 2013 to Most Recent	https://api.census.gov/data/timeseries/intltrade/imports/hs?get=GEN_VAL_MO,GEN_VAL_YR&time=from+2013-04

	Data Requested	Time Period	API Call
EndUse Code	Export Totals by enduse code	November 2013	https://api.census.gov/data/timeseries/intltrade/exports/enduse?get=E_ENDUSE,ALL_VAL_MO,ALL_VAL_YR&YEAR=2013&MONTH=11
	Monthly Card Count Import Totals by HS	October 2013	https://api.census.gov/data/timeseries/intltrade/imports/hs?get=I_COMMODITY,CC_MO,GEN_VAL_MO,CON_VAL_MO&YEAR=2013&MONTH=10
Hitech/USDA	Year-to-date vessel Weight for Agricultural and Non-agricultural commodities	January 2013	https://api.census.gov/data/timeseries/intltrade/exports/usda?get=USDA,ALL_VAL_MO,ALL_VAL_YR,AIR_VAL_MO,AIR_VAL_YR,CNT_VAL_MO,CNT_VAL_YR,VES_VAL_MO,VES_VAL_YR&YEAR=2013&MONTH=01
	Advanced Technology Imports by Method of Transportation	February 2013	https://api.census.gov/data/timeseries/intltrade/imports/hitech?get=HITECH,GEN_VAL_MO,GEN_VAL_YR,AIR_VAL_MO,AIR_VAL_YR,CNT_VAL_MO,CNT_VAL_YR,VES_VAL_MO,VES_VAL_YR&YEAR=2013&MONTH=02
NAICS	Total Exports by Country and Country Groupings	May 2013	https://api.census.gov/data/timeseries/intltrade/exports/naics?get=CTY_CODE,CTY_NAME,ALL_VAL_MO,ALL_VAL_YR&time=2013-05
	Total General Imports from Canada and Mexico by 3- digit NAICS code	June 2013	https://api.census.gov/data/timeseries/intltrade/imports/naics?get=NAICS,CTY_CODE,CTY_NAME,GEN_VAL_MO,GEN_VAL_YR&time=2013-06&COMM_LVL=NA3&CTY_CODE=1220&CTY_CODE=2010
	General Import Value of All Manufactured Goods	January 2013	https://api.census.gov/data/timeseries/intltrade/imports/naics?get=NAICS,GEN_VAL_MO&time=2013-01&COMM_LVL=MAN
Port (HS)	Port Export Totals from Rochester, NY	April 2013	https://api.census.gov/data/timeseries/intltrade/exports/porths?get=PORT,PORT_NAME,ALL_VAL_MO,ALL_VAL_YR&PORT=0903&time=2013-04
	Port Exports of Rye Seed (1002.10)	June 2013	https://api.census.gov/data/timeseries/intltrade/exports/porths?get=PORT,PORT_NAME,ALL_VAL_MO,ALL_VAL_YR&time=2013-06&E_COMMODITY=100210
	Port Imports to All Ports	August 2013	https://api.census.gov/data/timeseries/intltrade/imports/porths?get=PORT,PORT_NAME,GEN_VAL_MO,GEN_VAL_YR&time=2013-08
SITC	SITC Export Totals with descriptions	March 2013	https://api.census.gov/data/timeseries/intltrade/imports/sitc?get=SITC,SITC_LDESC,GEN_VAL_MO,GEN_VAL_YR&time=2013-03
	Import Totals for Liquid Natural Gas (34310)	July 2013	https://api.census.gov/data/timeseries/intltrade/imports/sitc?get=SITC,SITC_LDESC,GEN_VAL_MO,GEN_VAL_YR&time=2013-07&SITC=34310
State	Export Totals from Alaska by 2-digit HS Code from January to March 2013	January 2013 to March 2013 (1 st Quarter)	https://api.census.gov/data/timeseries/intltrade/exports/statehs?get=E_COMMODITY,ALL_VAL_MO,ALL_VAL_YR&COMM_LVL=HS2&time=from+2013-01+to+2013-03
	Import Totals from April 2013 on by NAICS code	April 2013 to Most Recent	https://api.census.gov/data/timeseries/intltrade/imports/statenaics?get=NAICS,GEN_VAL_MO,GEN_VAL_YR&time=from+2013-04

Summary Levels

There are two parameters in the Trade Datasets that account for different levels of data summarization. They are SUMMARY_LVL and SUMMARY_LVL2.

SUMMARY_LVL

SUMMARY_LVL has only two potential values: CGP and DET. CGP represents data aggregated by different country groupings, such as geographic regions (e.g. Africa), international organizations (e.g. European Union), or free trade agreements (e.g. NAFTA). "DET" represents individual country data not summarized by any country groupings. The SUMMARY_LVL parameter is useful if you want to only show trade data by individual countries in your application (using DET) or if you want to exclude individual countries and only show trade by country groupings (using CGP). For example, if you submit the following API call you can see which returned rows represent country groupings and which rows do not:

```
https://api.census.gov/data/timeseries/intltrade/exports/hs?get=CTY_CODE,CTY_NAME,ALL_VAL_MO,ALL_VAL_YR&SUMMARY_LVL&time=2013-06
```

The API call above returns the following:

```
[["CTY_CODE", "CTY_NAME", "ALL_VAL_MO", "ALL_VAL_YR", "SUMMARY_LVL", "time"],
["-", "TOTAL FOR ALL COUNTRIES", "134550410192", "780097405136", "DET", "2013-06"],
["1020", "GREENLAND", "25393600866", "1345008682800", "DET", "2013-06"],
["1610", "ST PIERRE AND MIQUELON", "0", "251067", "DET", "2013-06"],
["2010", "MEXICO", "17986313583", "110705488223", "DET", "2013-06"],
...
["4XXX", "EUROPE", "28895861434", "163631270188", "CGP", "2013-06"],
["5XXX", "ASIA", "40653581774", "232504626191", "CGP", "2013-06"],
["6XXX", "AUSTRALIA AND OCEANIA", "2845898699", "14708183536", "CGP", "2013-06"],
["7XXX", "AFRICA", "3235940151", "18140824146", "CGP", "2013-06"]]
```

SUMMARY_LVL2

The second parameter that accounts for different levels of data summarization is SUMMARY_LVL2.

SUMMARY_LVL2 allows you to view and pull data from the API based on which variables from the trade datasets are combined and summarized. For example, you can use the SUMMARY_LVL2 parameter to pull all combinations of NAICS (NA), CTY_CODE (CY), and Domestic/Foreign (DF) by submitting the following API call:

```
https://api.census.gov/data/timeseries/intltrade/exports/naics?get=NAICS,NAICS_SDESC,CTY_CODE,CTY_NAME,DF,ALL_VAL_MO&time=2013-05&SUMMARY_LVL2=NACY
```

You can view the comprehensive list of all SUMMARY_LVL2 codes in [Appendix C](#) (exports) and [Appendix D](#) (imports).

Commodity Aggregation Level (COMM_LVL)

Use the combination of the COMM_LVL and E_COMMODITY/I_COMMODITY, NAICS, or E_ENDUSE/I_ENDUSE to specify what level(s) of commodity detail you want:

Parameters Combined with COMM_LVL	COMM_LVL	Level of Aggregation
E_COMMODITY/I_COMMODITY	HS2	2-digit HS
E_COMMODITY/I_COMMODITY	HS4	4-digit HS
E_COMMODITY/I_COMMODITY	HS6	6-digit HS
E_COMMODITY/I_COMMODITY	HS10	10-digit HS
NAICS	NA2	2-digit NAICS
NAICS	NA3	3-digit NAICS
NAICS	NA4	4-digit NAICS
NAICS	NA5	5-digit NAICS
NAICS	NA6	6-digit NAICS
NAICS	MAN	Total Manufactured Commodities
E_ENDUSE, I_ENDUSE	EU1	1-digit End-use
E_ENDUSE, I_ENDUSE	EU5	5-digit End-use

* HS10, NA5, and NA6 records are not available in the stateshs, statenaics, and porths endpoints due to confidentiality restrictions.

Here are some examples using COMM_LVL:

```
https://api.census.gov/data/timeseries/intltrade/exports/enduse?get=E\_ENDUSE,ALL\_VAL\_MO,COMM\_LVL&time=2013-01
```

```
[["E_ENDUSE", "ALL_VAL_MO", "COMM_LVL", "time"],
["-", "123031879061", "", "2013-01"],
["0", "11908153216", "EU1", "2013-01"],
["00000", "753852825", "EU5", "2013-01"],
["00010", "185697951", "EU5", "2013-01"],
["00100", "3233852766", "EU5", "2013-01"],
["00110", "330346856", "EU5", "2013-01"],
...]
```

```
https://api.census.gov/data/timeseries/intltrade/imports/hs?get=I\_COMMODITY,GEN\_VAL\_MO&time=2013-01&COMM\_LVL=HS2
```

```
[["I_COMMODITY", "GEN_VAL_MO", "time", "COMM_LVL"],
["01", "221313094", "2013-01", "HS2"],
["02", "503382248", "2013-01", "HS2"],
["03", "1052835760", "2013-01", "HS2"],
["04", "165756808", "2013-01", "HS2"],
["05", "81088190", "2013-01", "HS2"],
...]
```

Country Grouping Codes

The CTY_CODE codes for country groupings are not *Schedule C codes*. They are codes created specifically for the API that represent country groupings. For a list of all country grouping codes and names that can be used with the CTY_CODE parameter, see *Appendix E*.

Release Schedule

The Trade Datasets in the Census API will be updated with the most recent month of trade statistics, after 8:30AM on the morning of the International Trade in Goods and Services (FT-900) release. You can find the FT-900 release dates in our *online release schedule*.

Questions

If you have any questions regarding the contents of the MITD, please contact our International Trade Macro Analysis Branch at 1-800-549-0595 Option#4. If you have technical questions regarding the Census API, please visit the *API Developers Forum* or the *Census Gitter page*.

Available Variables by Endpoint

Appendix A and B list out all export and import variables regardless of whether they are valid for a particular endpoint. For example, QTY_1_MO is only valid for the export hs endpoint. For a list of parameters by endpoint please reference the hyperlinks below.

Endpoint	Export Variables	Import Variables
enduse	https://api.census.gov/data/timeseries/intltrade/exports/enduse/variables.html	https://api.census.gov/data/timeseries/intltrade/imports/enduse/variables.html
hitech	https://api.census.gov/data/timeseries/intltrade/exports/hitech/variables.html	https://api.census.gov/data/timeseries/intltrade/imports/hitech/variables.html
naics	https://api.census.gov/data/timeseries/intltrade/exports/naics/variables.html	https://api.census.gov/data/timeseries/intltrade/imports/naics/variables.html
sitc	https://api.census.gov/data/timeseries/intltrade/exports/sitc/variables.html	https://api.census.gov/data/timeseries/intltrade/imports/sitc/variables.html
usda	https://api.census.gov/data/timeseries/intltrade/exports/usda/variables.html	https://api.census.gov/data/timeseries/intltrade/imports/usda/variables.html
hs	https://api.census.gov/data/timeseries/intltrade/exports/hs/variables.html	https://api.census.gov/data/timeseries/intltrade/imports/hs/variables.html
porths	https://api.census.gov/data/timeseries/intltrade/exports/porths/variables.html	https://api.census.gov/data/timeseries/intltrade/imports/porths/variables.html
statehs	https://api.census.gov/data/timeseries/intltrade/exports/statehs/variables.html	https://api.census.gov/data/timeseries/intltrade/imports/statehs/variables.html
staternaics	https://api.census.gov/data/timeseries/intltrade/exports/staternaics/variables.html	https://api.census.gov/data/timeseries/intltrade/imports/staternaics/variables.html

Appendix A – Export Parameters

<u>Parameter Name</u>	<u>Parameter Description</u>	<u>Type</u>	<u>Endpoints</u>
AIR_VAL_MO	<u>Air Value</u>	Int	All
AIR_VAL_YR	<u>Year-to-Date Air Value</u>	Int	All
AIR_WGT_MO	<u>Air Shipping Weight</u>	Int	All
AIR_WGT_YR	<u>Year-to-Date Air Shipping Weight</u>	Int	All
ALL_VAL_MO	<u>Total Value</u>	Int	All
ALL_VAL_YR	<u>Year-to-Date Total Value</u>	Int	All
CC_MO	<u>Card Count</u>	Int	hs, naics, enduse, usda, sitc, hitech
CC_YR	<u>Year-to-Date Card Count</u>	Int	hs, naics, enduse, usda, sitc, hitech
CNT_VAL_MO	<u>Containerized Vessel Value</u>	Int	All
CNT_VAL_YR	<u>Year-to-Date Containerized Vessel Value</u>	Int	All
CNT_WGT_MO	<u>Containerized Vessel Shipping Weight</u>	Int	All
CNT_WGT_YR	<u>Year-to-Date Containerized Vessel Shipping Weight</u>	Int	All
COMM_LVL	4-character Aggregation Levels for Commodity, NAICS, and End-use. Available values include HS2, HS4, HS6, HS10, NA6, NA5, NA4, NA3, EU5, and EU1 (see <i>page 10</i>).	String	hs, naics, enduse, statenaics, statehs, porths
CTY_CODE	4-character <u>Country Code</u>	String	All
CTY_NAME	50-character Country Name **API call must also include CTY_CODE parameter**	String	All
DF	1-character <u>Domestic</u> or <u>Foreign</u> Code	String	hs, naics, enduse, usda, sitc, hitech
DISTRICT	2-character <u>District Code</u>	String	hs, naics, enduse, usda, sitc, hitech
DIST_NAME	50-character District name **API call must also include DISTRICT parameter**	String	hs, naics, enduse, usda, sitc, hitech
E_COMMODITY	2-, 4-, 6-, or 10-character <u>Export Harmonized System Code</u>	String	hs, statehs, porths
E_COMMODITY_LDESC	150-character Export Harmonized Code Description **API call must also include E_COMMODITY parameter**	String	hs, statehs, porths
E_COMMODITY_SDESC	50-character Export Harmonized Code Description **API call must also include E_COMMODITY parameter**	String	hs, statehs, porths

Appendix A – Export Parameters

<u>Parameter Name</u>	<u>Parameter Description</u>	<u>Type</u>	<u>Endpoints</u>
E_ENDUSE	1- or 5-character <u>Export ENDUSE Code</u>	String	enduse
E_ENDUSE_LDESC	100-character Export ENDUSE Description **API call must also include E_ENDUSE parameter**	String	enduse
E_ENDUSE_SDESC	50-character Export ENDUSE Description **API call must also include E_ENDUSE parameter**	String	enduse
HITECH	2-character <u>HITECH Code</u>	String	hitech
HITECH_DESC	40-character HITECH Description **API call must also include HITECH parameter**	String	hitech
LAST_UPDATE	10-character Date of Last Update	String	All
MONTH	2-character <u>Month</u>	String	All
NAICS	3-, 4-, 5-, or 6-character <u>NAICS Code</u>	String	naics, stanaics
NAICS_LDESC	150-character NAICS Description **API call must also include NAICS parameter**	String	naics, stanaics
NAICS_SDESC	50-character NAICS Description **API call must also include NAICS parameter**	String	naics, stanaics
PORT	4-character <u>Port Code</u>	String	porths
PORT_NAME	150-character Port Name **API call must also include PORT parameter**	String	porths
QTY_1_MO	<u>Quantity 1</u>	Int	hs
QTY_1_MO_FLAG	1-character Missing Value Flag for <u>Quantity 1</u>	String	hs
QTY_1_YR	<u>Year-to-Date Quantity 1</u>	Int	hs
QTY_1_YR_FLAG	1-character Missing Value Flag for <u>Year-to-Date Quantity 1</u>	String	hs
QTY_2_MO	<u>Quantity 2</u>	Int	hs
QTY_2_MO_FLAG	1-character Missing Value Flag for <u>Quantity 2</u>	String	hs
QTY_2_YR	<u>Year-to-Date Quantity 2</u>	Int	hs
QTY_2_YR_FLAG	1-character Missing Value Flag for Year-to-Date <u>Quantity 2</u>	String	hs
SITC	5-character <u>SITC Code</u>	String	sitc
SITC_LDESC	150-character SITC Description **API call must also include SITC parameter**	String	sitc
SITC_SDESC	50-character SITC Description **API call must also include SITC parameter**	String	sitc
STATE	2-character <u>State of Origin of Movement</u>	String	statehs, stanaics
<u>SUMMARY_LVL</u>	Detail or Country Grouping record	String	All
<u>SUMMARY_LVL2</u>	Variables being summarized	String	All
Time	<YYYY>-<MM> (where YYYY represents the year and MM represents the month of data)	Datetime	All
UNIT_QY1	3-character Export Unit of <u>Quantity 1</u> **API call must also include E_COMMODITY parameter**	String	hs
UNIT_QY2	3-character Export Unit of <u>Quantity 2</u>	String	hs

Appendix A – Export Parameters

<u>Parameter Name</u>	<u>Parameter Description</u>	<u>Type</u>	<u>Endpoints</u>
API call must also include E_COMMODITY parameter			
USDA	1-character <u>USDA Code</u>	String	usda
VES_VAL_MO	<u>Vessel Value</u>	Int	All
VES_VAL_YR	<u>Year-to-Date Vessel Value</u>	Int	All
VES_WGT_MO	<u>Vessel Shipping Weight</u>	Int	All
VES_WGT_YR	<u>Year-to-Date Vessel Shipping Weight</u>	Int	All
YEAR	4-character Year	String	All

Appendix B – Import Parameters

<u>Variable Name</u>	<u>Parameter Description</u>	<u>Type</u>	<u>Endpoints</u>
AIR_CHA_MO	<u>Air Charges</u>	Int	hs, naics, enduse, usda, sitc, hitech
AIR_CHA_YR	<u>Year-to-Date Air Charges</u>	Int	hs, naics, enduse, usda, sitc, hitech
AIR_VAL_MO	<u>Air Value</u>	Int	All
AIR_VAL_YR	<u>Year-to-Date Air Value</u>	Int	All
AIR_WGT_MO	<u>Air Shipping Weight</u>	Int	All
AIR_WGT_YR	<u>Year-to-Date Air Shipping Weight</u>	Int	All
CAL_DUT_MO	<u>Imports for Consumption, Calculated Duty</u>	Int	hs, naics, enduse, usda, sitc, hitech
CAL_DUT_YR	<u>Year-to-Date Imports for Consumption, Calculated Duty</u>	Int	hs, naics, enduse, usda, sitc, hitech
CC_MO	<u>Card Count</u>	Int	hs, naics, enduse, usda, sitc, hitech
CC_YR	<u>Year-to-Date Card Count</u>	Int	hs, naics, enduse, usda, sitc, hitech
CNT_CHA_MO	<u>Containerized Vessel Charges</u>	Int	hs, naics, enduse, usda, sitc, hitech
CNT_CHA_YR	<u>Year-to-Date Containerized Vessel Charges</u>	Int	hs, naics, enduse, usda, sitc, hitech
CNT_VAL_MO	<u>Containerized Vessel Value</u>	Int	All
CNT_VAL_YR	<u>Year-to-Date Containerized Vessel Value</u>	Int	All
CNT_WGT_MO	<u>Containerized Vessel Shipping Weight</u>	Int	All
CNT_WGT_YR	<u>Year-to-Date Containerized Vessel Shipping Weight</u>	Int	All
COMM_LVL	4-character Aggregation Levels for Commodity, NAICS, and End-use. Available values include HS2, HS4, HS6, HS10, NA6, NA5, NA4, NA3, EU5, and EU1 (see page 10).	String	hs, naics, enduse, statainacs, statehs, porths
CON_CHA_MO	Imports for Consumption, <u>Charges</u>	Int	hs, naics, enduse, usda, sitc, hitech
CON_CHA_YR	<u>Year-to-Date Imports for Consumption, Charges</u>	Int	hs, naics, enduse, usda, sitc, hitech
CON_CIF_MO	Imports for Consumption, <u>CIF Value</u>	Int	hs, naics, enduse, usda, sitc, hitech

Appendix B – Import Parameters

<u>Variable Name</u>	<u>Parameter Description</u>	<u>Type</u>	<u>Endpoints</u>
CON_CIF_YR	Year-to-Date Imports for Consumption, CIF Value	Int	hs, naics, enduse, usda, sitc, hitech
CON_QY1_MO	Imports for Consumption, <u>Quantity 1</u>	Int	hs
CON_QY1_MO_FLAG	1-character Missing Value Flag for Imports for Consumption <u>Quantity 1</u>	String	hs
CON_QY1_YR	Year-to-Date Imports for Consumption, <u>Quantity 1</u>	Int	hs
CON_QY1_YR_FLAG	1-character Missing Value Flag for Year-to-Date Imports for Consumption <u>Quantity 1</u>	String	hs
CON_QY2_MO	Imports for Consumption, Quantity 2	Int	hs
CON_QY2_MO_FLAG	1-character Flag Imports for Consumption, Quantity 2	String	hs
CON_QY2_YR	Year-to-Date Imports for Consumption, Quantity 2	Int	hs
CON_QY2_YR_FLAG	1-character Missing Value Flag for Year-to-Date Imports for Consumption, Quantity 2	String	hs
CON_VAL_MO	Imports for Consumption, Total Value	Int	hs, naics, enduse, usda, sitc, hitech, statehs, statenaics
CON_VAL_YR	Year-to-Date Imports for Consumption, Total Value	Int	hs, naics, enduse, usda, sitc, hitech, statehs, statenaics
CTY_CODE	4-character <u>Country Code</u>	String	All
CTY_NAME	50-character <u>Country Name</u> **API call must also include CTY_CODE parameter**	String	All
CTY_SUBCODE	1- or 2-character <u>Country subcode</u>	String	hs
DIST_NAME	50-character <u>District name</u> **API call must also include DISTRICT parameter**	String	hs, naics, enduse, usda, sitc, hitech
DISTRICT	2-character <u>District of Unloading Code</u>	String	hs, naics, enduse, usda, sitc, hitech
DUT_VAL_MO	Imports for Consumption, <u>Dutiable Value</u>	Int	hs, naics, enduse, usda, sitc, hitech
DUT_VAL_YR	Year-to-Date Imports for Consumption, Dutiable Value	Int	hs, naics, enduse, usda, sitc, hitech
GEN_CHA_MO	<u>General Imports, Charges</u>	Int	hs, naics, enduse, usda, sitc, hitech
GEN_CHA_YR	Year-to-Date <u>General Imports, Charges</u>	Int	hs, naics, enduse, usda, sitc, hitech

Appendix B – Import Parameters

<u>Variable Name</u>	<u>Parameter Description</u>	<u>Type</u>	<u>Endpoints</u>
GEN_CIF_MO	<u>General Imports, CIF Value</u>	Int	hs, naics, enduse, usda, sitc, hitech
GEN_CIF_YR	Year-to-Date General Imports, CIF Value	Int	hs, naics, enduse, usda, sitc, hitech
GEN_QY1_MO	<u>General Imports, Quantity 1</u>	Int	hs
GEN_QY1_MO_FLAG	1-character Missing Value Flag for General Imports, Quantity 2	String	hs
GEN_QY1_YR	Year-to-Date General Imports, Quantity 1	Int	hs
GEN_QY1_YR_FLAG	1-character Missing Value Flag for Year-to-Date General Imports, Quantity 2	String	hs
GEN_QY2_MO	General Imports, Quantity 2	Int	hs
GEN_QY2_MO_FLAG	1-character Missing Value Flag for General Imports, Quantity 2	String	hs
GEN_QY2_YR	Year-to-Date General Imports, Quantity 2	Int	hs
GEN_QY2_YR_FLAG	1-character Missing Value Flag for Year-to-Date General Imports, Quantity 3	String	hs
GEN_VAL_MO	General Imports, Total Value	Int	All
GEN_VAL_YR	Year-to-Date General Imports, Total Value	Int	All
HITECH	2-character <u>HITECH Code</u>	String	hitech
HITECH_DESC	40-character <u>HITECH</u> Description **API call must also include HITECH parameter**	String	hitech
I_COMMODITY	2-, 4-, 6-, or 10-character <u>Import Harmonized System Code</u>	String	hs, statehs, porths
I_COMMODITY_LDESC	150-character Import Harmonized Code Description **API call must also include I_COMMODITY parameter**	String	hs, statehs, porths
I_COMMODITY_SDESC	50-character Import Harmonized Code Description **API call must also include I_COMMODITY parameter**	String	hs, statehs, porths
I_ENDUSE	1- or 5-character <u>Import End-use Code</u>	String	enduse
I_ENDUSE_LDESC	100-character Import ENDUSE Description **API call must also include I_ENDUSE parameter**	String	enduse
I_ENDUSE_SDESC	50-character Import ENDUSE Description **API call must also include I_ENDUSE parameter**		enduse
LAST_UPDATE	10-character Date of Last Update	String	All
MONTH	2-character <u>Month</u>	String	All
NAICS	3-, 4-, 5-, or 6-character <u>NAICS Code</u>	String	naics, statenaics
NAICS_LDESC	150-character NAICS Description **API call must also include NAICS parameter**	String	naics, statenaics
NAICS_SDESC	50-character NAICS Description **API call must also include NAICS parameter**	String	naics, statenaics
PORT	4-character <u>Port of Entry Code</u>	String	porths
PORT_NAME	150-character Port Name **API call must also include PORT parameter**	String	porths
RP	2-character <u>Rate Provision Code</u>	String	hs
SITC	5-character <u>SITC Code</u>	String	sitc
SITC_LDESC	150-character SITC Description	String	sitc

Appendix B – Import Parameters

<u>Variable Name</u>	<u>Parameter Description</u>	<u>Type</u>	<u>Endpoints</u>
	API call must also include SITC parameter		
SITC_SDESC	50-character SITC Description **API call must also include SITC parameter**	String	sitc
SUMMARY_LVL	Detail or Country Grouping record	String	All
SUMMARY_LVL2	Variables being summarized	String	All
STATE	2-character <u>State</u> of Destination, using US Postal Service State Abbreviations. "XX" = Unidentified	String	statehs, stateaics
time	<YYYY>-<MM> (where YYYY represents the year and MM represents the month of data)	Datetime	All
UNIT_QY1	3-character Import Unit of <u>Quantity 1</u> **API call must also include I_COMMODITY parameter**	String	hs
UNIT_QY2	3-character Import Unit of Quantity 2 **API call must also include I_COMMODITY parameter**	String	hs
USDA	1-character <u>USDA</u> Code	String	usda
VES_CHA_MO	Vessel Charges	Int	hs, naics, enduse, usda, sitc, hitech
VES_CHA_YR	Year-to-Date Vessel Charges	Int	hs, naics, enduse, usda, sitc, hitech
VES_VAL_MO	Vessel Value	Int	All
VES_VAL_YR	Year-to-Date <u>Vessel Value</u>	Int	All
VES_WGT_MO	Vessel Shipping Weight	Int	All
VES_WGT_YR	Year-to-Date Vessel <u>Shipping Weight</u>	Int	All
YEAR	4-character Year	String	All

Appendix C – Export Summary Levels

SUMMARY_LVL2 Types

TO – Total Exports
 DF – Domestic(1) or Foreign(2)
 DT – District
 PT – Port
 CY – Country
 ST – State of Origin of Movement of Goods
 HS – Schedule B Commodity Classification Number
 NA – NAICS code of Commodity
 EU – End-use Classification Code of Commodity
 US – 1-digit USDA code of Commodity
 SI – SITC code of Commodity
 HT – 2-digit Hi-tech code of Commodity

Listed below are all the different summary levels included in the monthly export dataset. Summary levels are the variable combinations that are available in the trade datasets. For example, if you would like to know if you could pull the export value of cellphones (HS), exported out of Baltimore (DT), to Canada (CY) you could look at the following table and see that variable combination is available (HSDTCY).

CY	HSDTDF	NASTCY
CYDF	HSPT	PT
DF	HSPTCY	PTCY
DT	HSST	SI
DTCY	HSSTCY	SICY
DTCYDF	HT	SICYDF
DTDF	HTCY	SIDF
EU	HTCYDF	SIDT
EUCY	HTDF	SIDTCY
EUCYDF	HTDT	SIDTCYDF
EUDF	HTDTCY	SIDTDF
EUDT	HTDTCYDF	ST
EUDTCY	HTDTDF	STCY
EUDTCYDF	NA	TO
EUDTDF	NACY	US
HS	NACYDF	USCY
HSCY	NADF	USCYDF
HSCYDF	NADT	USDF
HSDF	NADTCY	USDT
HSDT	NADTCYDF	USDTCY
HSDTCY	NADTDF	USDTCYDF
HSDTCYDF	NAST	USDTDF

Appendix D – Import Summary Levels

SUMMARY_LVL2 Types

TO – Total Imports

DT – District

PT – Port

CS – Country Subcode

CY – Country

RP – Rate Provision

ST – State of Destination

HS – HTS Commodity Classification Number

NA – NAICS code of Commodity

EU – End-use Classification Code of Commodity

US – 1-digit USDA code of Commodity

SI – SITC code of Commodity

HT – 2-digit Hi-tech code of Commodity

Listed below are all the different summary levels included in the monthly import dataset. Summary levels are the variable combinations that are available in the trade datasets. For example, if you would like to know if you could pull the import value of cellphones (HS), imported into Baltimore (DT), from Canada (CY) you could look at the following table and see that variable combination is available (HSDTCY).

CS	HSCSRP	NA
CSDT	HSCSRPDT	NACY
CSDTRP	HSCY	NACYDT
CSRP	HSCYCS	NADT
CY	HSCYCSDT	NAST
CYCS	HSCYCSDTRP	NASTCY
CYCSDT	HSCYCSRP	PT
CYCSDTRP	HSCYDT	PTCY
CYCSRP	HSCYRP	RP
CYDT	HSCYRPDT	SI
CYDTRP	HSDT	SICY
CYRP	HSPT	SICYDT
DT	HSPTCY	SIDT
DTRP	HSRP	ST
EU	HSRPDT	STCY
EUCY	HSST	TO
EUCYDT	HSSTCY	US
EUDT	HT	USCY
HS	HTCY	USCYDT
HSCS	HTCYDT	USDT
HSCSDT	HTDT	

Appendix E – Country Grouping Codes

CTY_CODE	Country Grouping
0001	OPEC
0003	EUROPEAN UNION
0014	PACIFIC RIM COUNTRIES
0017	CAFTA-DR
0020	NAFTA
0021	TWENTY LATIN AMERICAN REPUBLICS
0022	OECD
0023	NATO
0024	LAFTA
0025	EURO AREA
0026	APEC
0027	ASEAN
0028	CACM
1XXX	NORTH AMERICA
2XXX	CENTRAL AMERICA
3XXX	SOUTH AMERICA
4XXX	EUROPE
5XXX	ASIA
6XXX	AUSTRALIA AND OCEANIA
7XXX	AFRICA