

FishStatJ Software for Fishery and Aquaculture Statistical Time Series

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SUMMARY

FishStatJ is a Windows or Mac application software that gives access to datasets from Food and Agriculture Organization of the United Nations' (FAO) Fisheries and Aquaculture statistics. These datasets show FAO's data on production, trade, and consumption of fish trade and aquaculture from over 200 countries from 1976 to present day. Data in FishStatJ can be aggregated and disaggregated in a variety of ways. Generally, FAO collects data through questionnaires sent to countries on a regular basis. Usually datasets are updated annually, with Global Capture and Aquaculture Production releasing in the second quarter. While new and updated datasets appear automatically in the <Manage workspaces> menu, the software also checks for updates each time it is launched and will inform you of new versions to download.

The data team uses datasets from FishStatJ primarily to update IFs data regarding fish imports and exports for each country as well as other aquaculture series. Example series from FishStatJ include `SeriesAgFishImportValueFAOTrade`, `SeriesAgFishImportQuantityFAOTrade`, `SeriesAgFishExportValueFAOTrade`, and `SeriesAgFishExportQuantityFAOTrade`.

STEPS TO PULL DATA FROM FISHSTATJ

Step 1. To pull data from FAO's Fisheries and Aquaculture Statistical Time Series software, FishStatJ, navigate to <https://www.fao.org/fishery/en/topic/166235>



Fisheries and Aquaculture

Key Areas Statistics Geoinfo Fact Sheets Publications Calendar

Statistics

- > Statistical query panel
- > Statistical collections
- > Yearbook of Fishery Statistics
- > **Statistical software**
 - > ARTFISH
 - > OPEN ARTFISH
 - > **FishStatJ**
 - > WAPI

FishStatJ - Software for Fishery and Aquaculture Statistical Time Series

FishStatJ is a Windows and Mac application that anyone can use to access FAO's Fisheries and Aquaculture statistics. They include datasets on production, trade and consumption. Data can be extracted and aggregated according to different level of details and international standard classifications. It consists of a main application and several workspaces that include the datasets.



Related topics

- > Statistics - Introduction

List of data available within FishStatJ:

FAO FishStatJ Download Page

Step 2. Scroll down the page until you reach <Installing FishStatJ v.4.02.08 (November 2022)>. Under <Download FishStatJ>, click on the desired operating system to download the software. This example will use the Windows version.

NOTE: Make sure your Windows version is compatible with FishStatJ before downloading. FishStatJ is compatible with Windows 10; 64-bit version; it cannot work with Windows 32-bit.

June 2022

FishStatJ key features

- datasets browsing, data mining and reporting
- data querying, filtering, grouping and aggregation

Installing FishStatJ v4.02.08 (November 2022)

1. [Download FishStatJ](#)

- [for Windows 64-bit auto-extract \(instructions, hash\)](#)
- [for macOS](#)

Before downloading version 4.02, you must first delete the C:\FishStatJ folder using Windows Explorer.

Not removing the C:\FishStatJ folder will now allow FishStatJ to launch successfully.

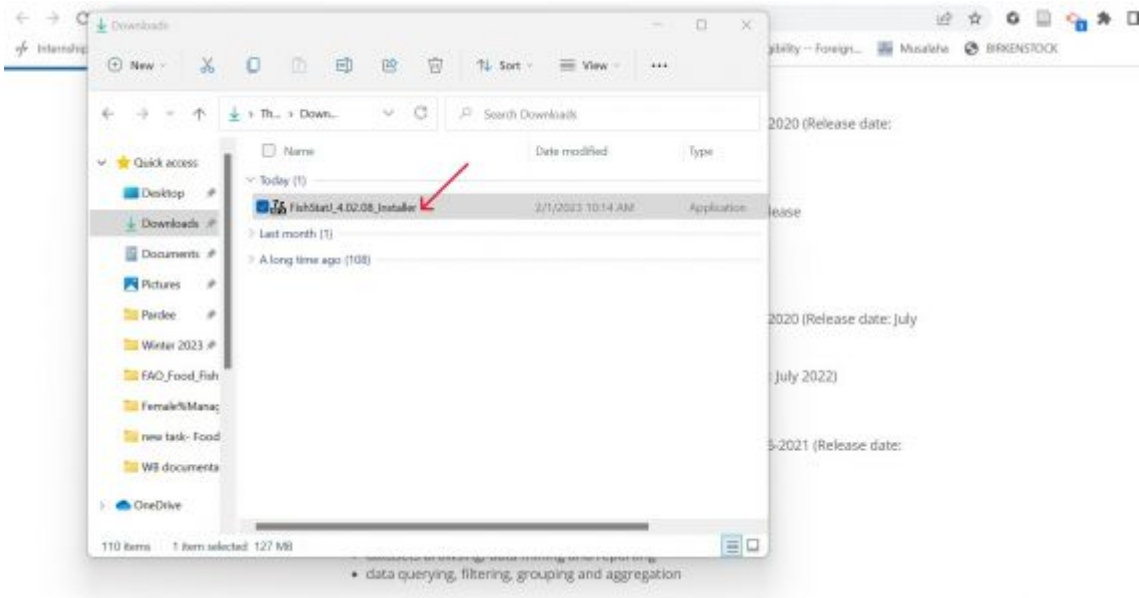
Workspaces are downloaded directly from within the FishStatJ application menu **Manage workspaces**. Select the Workspace (one at the time) that you are interested in and click on **Download** to install it locally. When we publish a new workspace, you will see it available for download (in red) in the **Workspace manager list**.

FishStatJ help and assistance

The [FishStatJ User Manual](#) explains all features; it contains [installation tips](#), and an [FAQ](#).

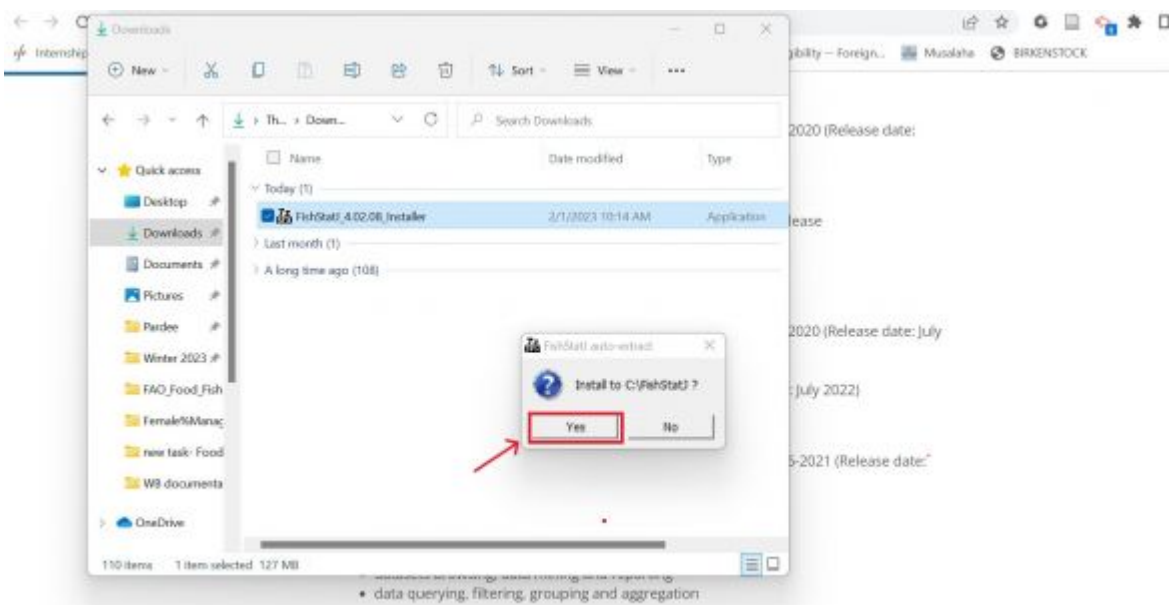
FAO FishStatJ Download

Step 3. After installing, go to your downloads and right click on <FishStatJ_4.02.08_Installer> and click <Open>.



FishStatJ under Downloads

Step 4. The following permission window will pop up. Click <Yes> to finish installing and launch.



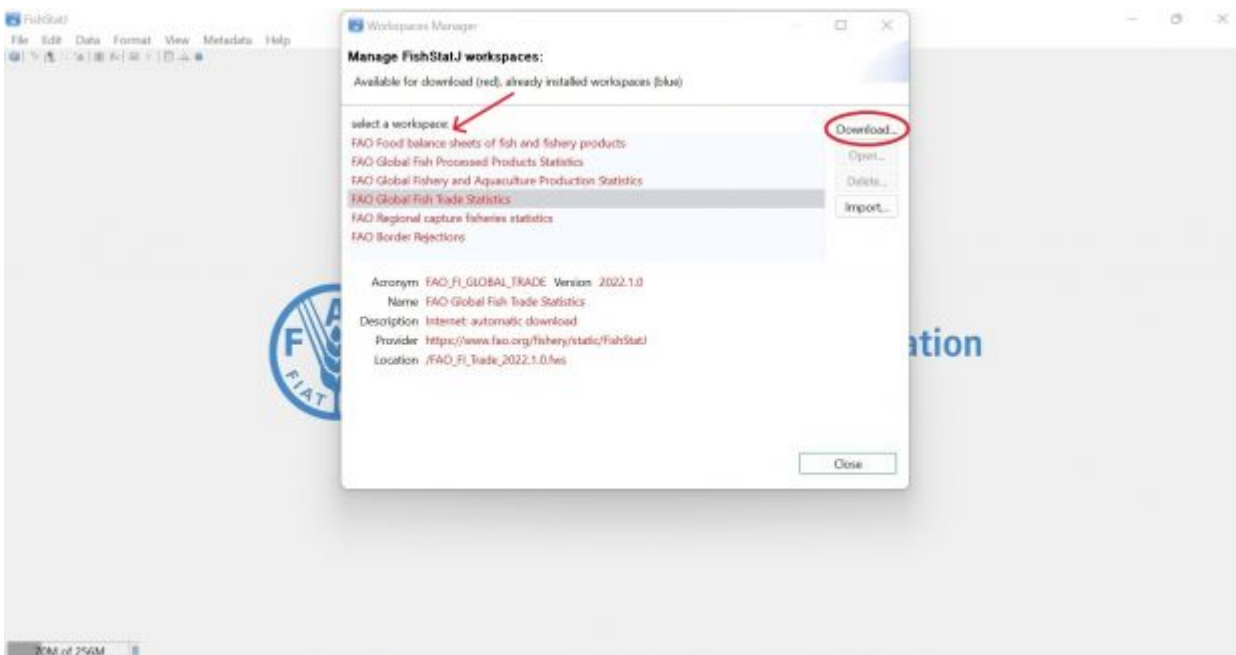
FishStatJ installation permission pop-up

Step 5. FishStatJ will immediately launch at this point. The <Workspaces Manager> page should also open automatically after launching.



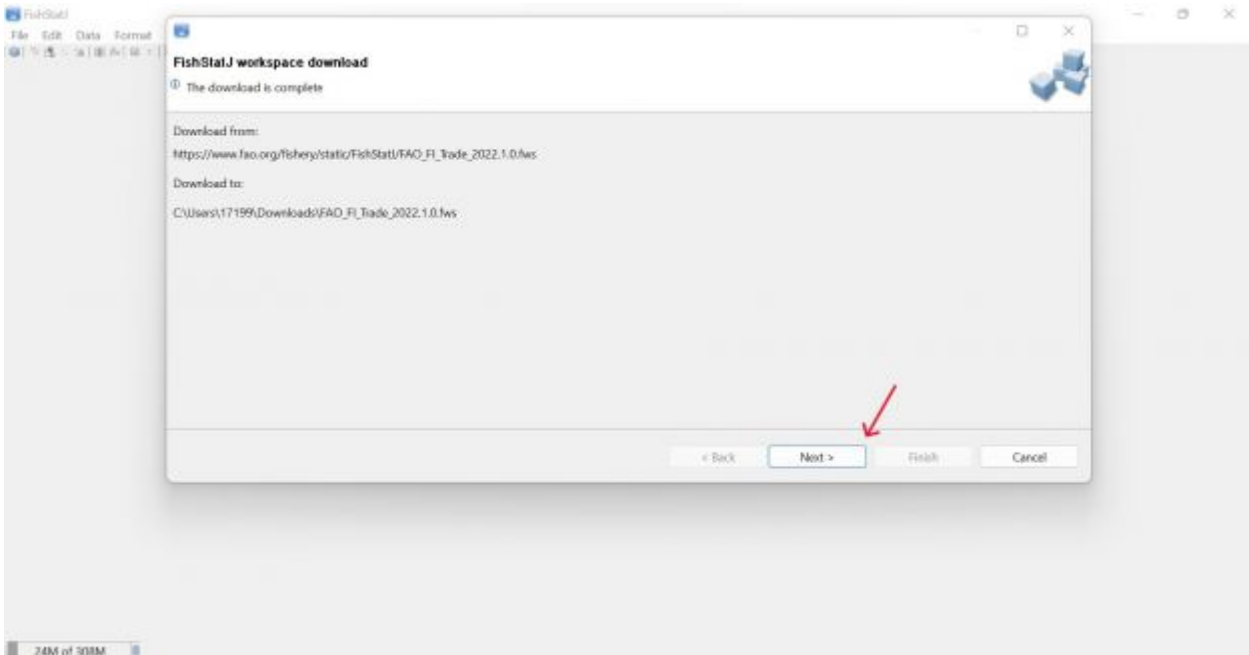
FAO's FishStatJ mainpage

Step 6. Select the desired workspace, then click <Download> on the right side. This example will pull data from <FAO Global Fish Trade Statistics>.

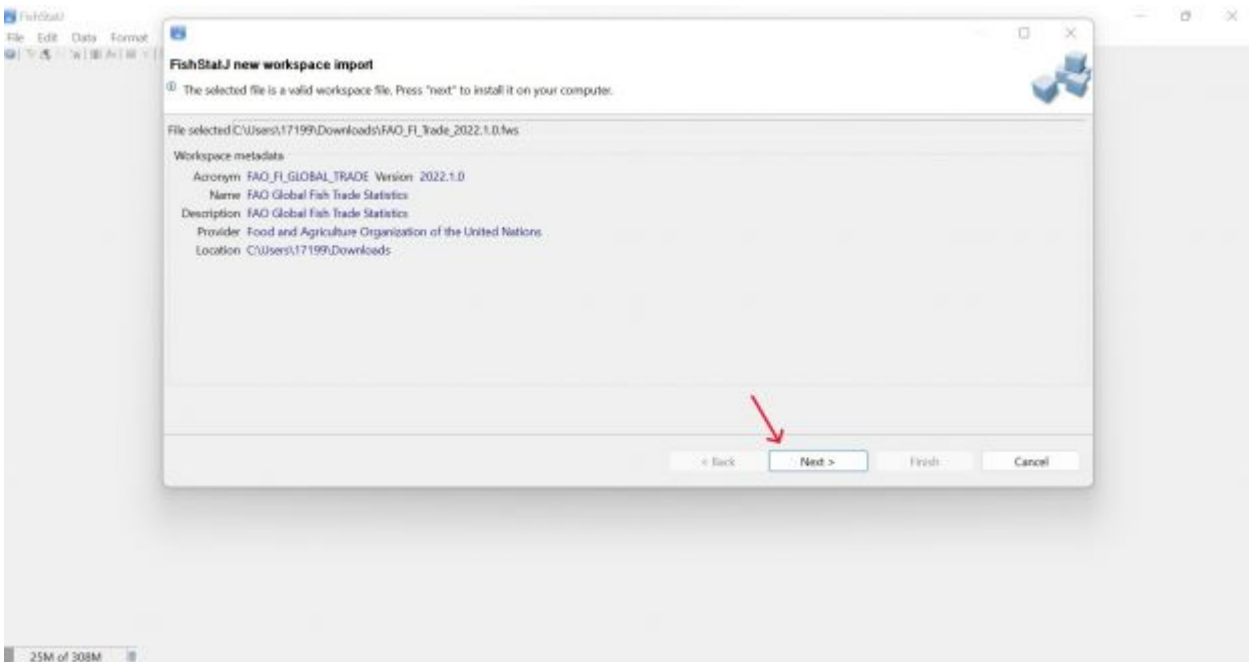


FishStatJ Workspaces Manager pop-up

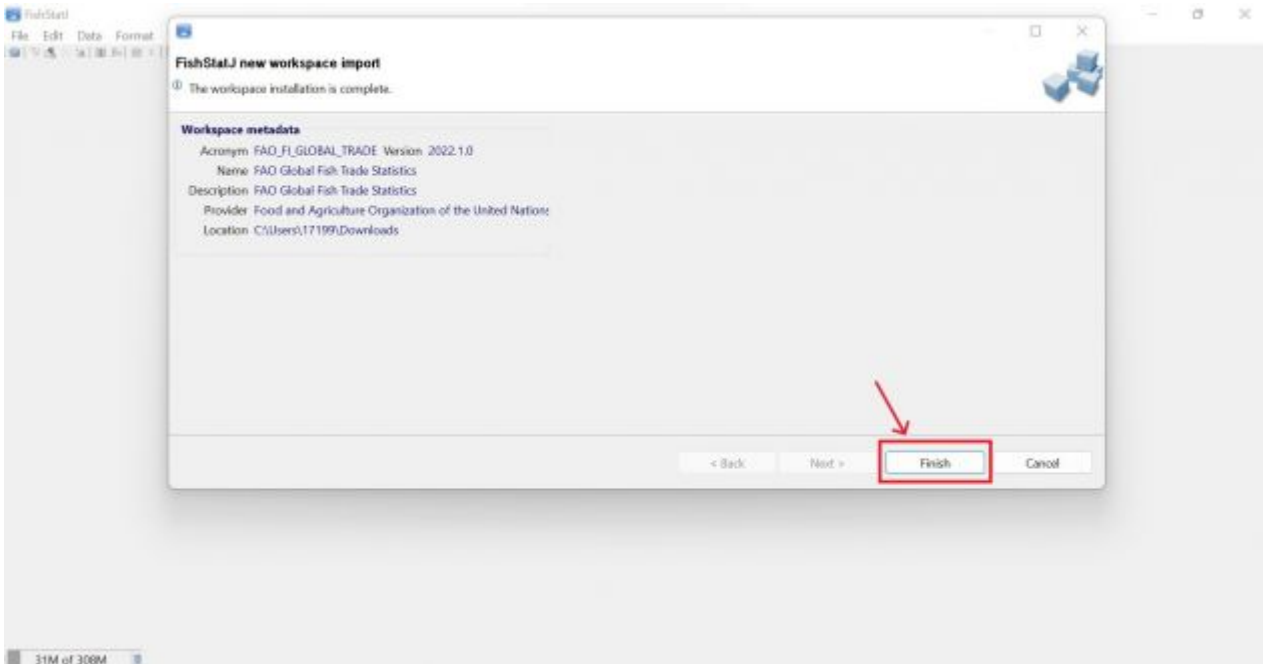
Step 7. The following page will populate. Click <Next> two times, then click <Finish>.



FishStatJ Workspace Download

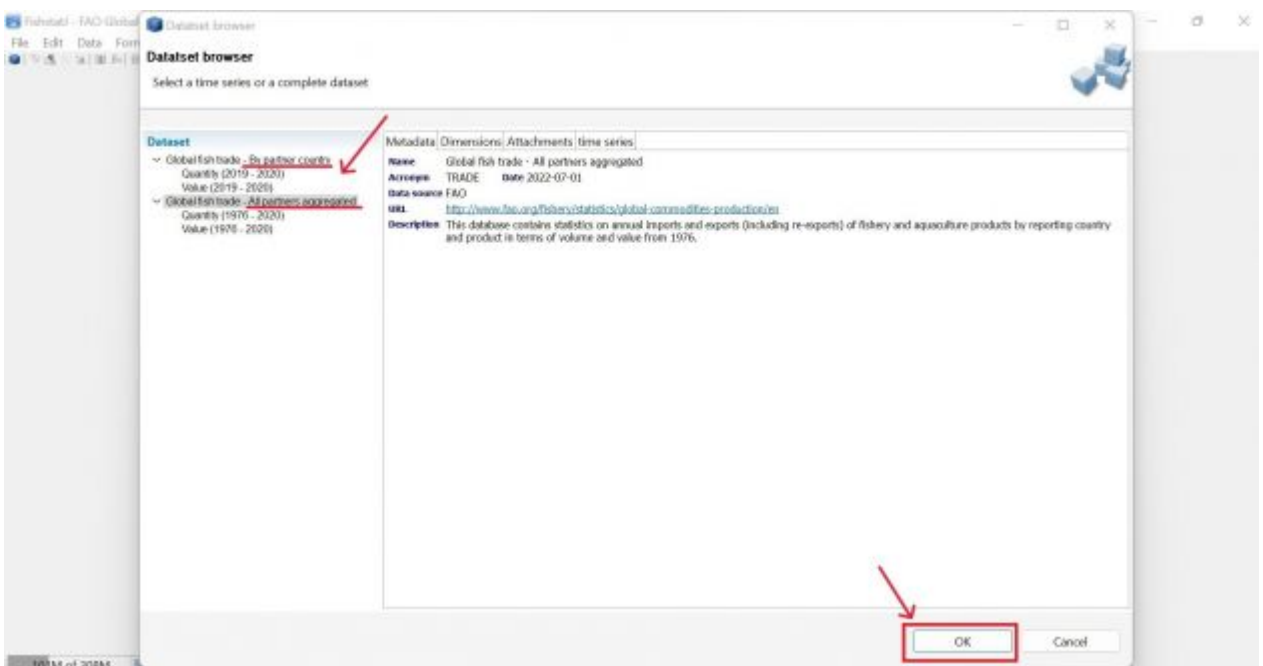


FishStatJ Workspace Import



FishStatJ Workspace Import Finish

Step 8. The <Dataset Browser> page will then pop up. You can select to have the dataset by partner country or all partners aggregated. This example will select <All partners aggregated>. Click <OK> on bottom right of page to open up the dataset.



FishStatJ Dataset Options

Step 9. The following page will populate. There are a variety of functions in FishStatJ that can be used to organize data. Hovering over the various icons above the dataset will give options like <Each dimension can be detailed, group or aggregated>, <Change sort order>, etc. Data can also be organized by hovering over <Data> and then selecting from options like <Filter<, <Aggregate>, <Columns>, <Sort>, <Custom Groups>, etc.

FishStat - FAO Global Fish Trade Statistics

File Edit Data Format View Metadata Help

Global fish trade - All partners aggregated - Quantity (1976 - 2020) | Global fish trade - All partners aggregated - Value (1976 - 2020)

| Reporting c. | Commodity... | Trade flow (...) | Unit (Name) | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|--------------|------------------|------------------|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|
| Afghanistan | Agar agar nei | Imports | Value (USD ...) | | | | | | | | | | | | | | | | | | 0.11 E | |
| Afghanistan | Alaska poll. | Imports | Value (USD ...) | | | | | | | | | | | | | | | | | | 7.91 E | |
| Afghanistan | Alaska poll. | Imports | Value (USD ...) | | | | | | | | | | | | | | | | | | 5.91 E | |
| Afghanistan | American/E... | Imports | Value (USD ...) | | | | | | | | | | | | | | | | | | 49.58... | |
| Afghanistan | Anchovies... | Imports | Value (USD ...) | | | | | | | | | | | | | | | | | | 1.28 E | |
| Afghanistan | Atlantic ma... | Imports | Value (USD ...) | | | | | | | | | | | | | | | | | | 1.14 E | |
| Afghanistan | Blue shark ... | Imports | Value (USD ...) | | | | | | | | | | | | | | | | | | 10.28... | |
| Afghanistan | Carps, eels ... | Exports | Value (USD ...) | | | | | | | | | | | | | | | | | | 0.38 E | |
| Afghanistan | Carps, eels ... | Imports | Value (USD ...) | | | | | | | | | | | | | | | | | | 2.67 E | |
| Afghanistan | Carps, fresh... | Imports | Value (USD ...) | | | | | | | | | | | | | | | | | | 22.18... | |
| Afghanistan | Catfish, fres... | Imports | Value (USD ...) | | | | | | | | | | | | | | | | | | 0.28 E | |
| Afghanistan | Catfish, froz... | Imports | Value (USD ...) | | | | | | | | | | | | | | | | | | 0.02 E | |
| Afghanistan | Caviar | Exports | Value (USD ...) | | | | | | | | | | | | | | | | | | 0.69 E | |
| Afghanistan | Caviar subs... | Imports | Value (USD ...) | | | | | | | | | | | | | | | | | | 6.41 E | |
| Afghanistan | Clams, cock... | Imports | Value (USD ...) | | | | | | | | | | | | | | | | | | 7.85 E | |
| Afghanistan | Cod nei, fil... | Imports | Value (USD ...) | | | | | | | | | | | | | | | | | | 27.85... | |
| Afghanistan | Cods nei, fr... | Imports | Value (USD ...) | | | | | | | | | | | | | | | | | | 0.08 E | |
| Afghanistan | Cods, not ... | Imports | Value (USD ...) | | | | | | | | | | | | | | | | | | 5.39 E | |
| Afghanistan | Cold-water ... | Imports | Value (USD ...) | | | | | | | | | | | | | | | | | | 0.76 E | |
| Afghanistan | Crab meat ... | Imports | Value (USD ...) | | | | | | | | | | | | | | | | | | 27.71... | |
| Afghanistan | Crabs nei, fr... | Imports | Value (USD ...) | | | | | | | | | | | | | | | | | | 10.22... | |
| Afghanistan | Crayfish (br... | Imports | Value (USD ...) | | | | | | | | | | | | | | | | | | 4.65 E | |
| Afghanistan | Crustaceans... | Imports | Value (USD ...) | | | | | | | | | | | | | | | | | | 9.67 E | |

Row Details: 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001

10444M of 3216M | 104643 filtered rows | Unit: IPW

FishStat Data Organization Options

Step 10. To change column dimensions, hover over <Data> then select <Columns>. Select the dimension desired (<Commodity> in this example) and then select the text under <Concept>. Click on <Edit>.

FishStat - FAO Global Fish Trade Statistics

File Edit Data Format View Metadata Help

Global fish trade - All partners aggregated - Quantity | Preferences

Dimensions

Choose visible dimension attributes

Reporting country Commodity Trade flow Unit

Dimension: Commodity

Concept Name Description

Commodity Name Name

New... Edit... Remove...

Restore Defaults Apply

Apply and Close Cancel

Dimension column settings

Concept: FAOSTAT group

Attribute: Name

Alternate attribute: Name

Use an alternate:

Alternate attrib: Code

OK Cancel

2015 2016 2017 2018 2019 2020

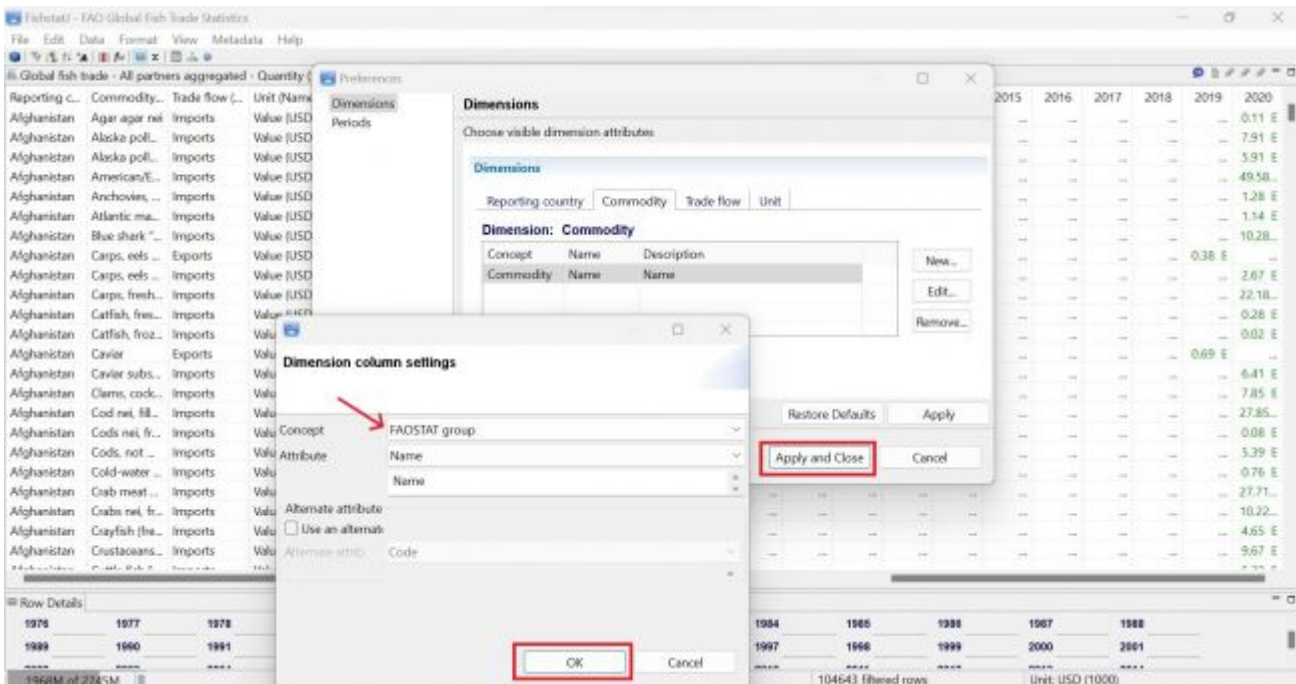
1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998

104643 filtered rows | Unit: USD (1000)

FishStat Column Dimension Options

Step 11. The following window will pop up after clicking <Edit>. To the right of <Concept>, select the desired group from the dropdown menu. This example uses <FAOSTAT group>. Then, click <OK>. Finally, click <Apply and Close>. The dimension in the data should change immediately.

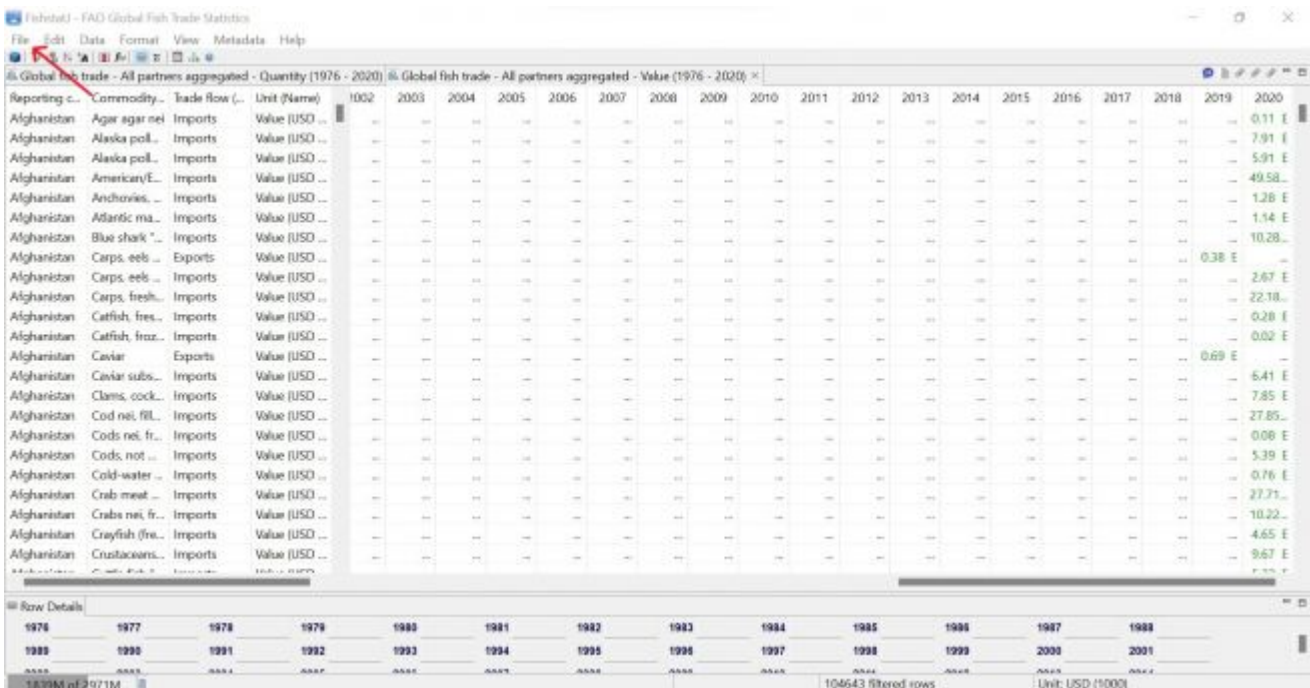
A note on aggregation: Most fish data in IFs is disaggregated into different types of fish based on the FAOSTAT group. However, it is not necessary to use that aggregation group when it concerns fish trade data from FishStatJ.



FishStat Column Dimension Options

Step 12. To export the data, click on <File> in the top left corner, then select <Export Selection (CSV file)...> OR use command Ctrl + S. Name the CSV file then save it into an appropriate place.

NOTE: Null values in FishStatJ will download automatically as 0 in Excel. Make sure to take note of actual zeroes before downloading.



FishStatJ Final Dataset

Step 13. Opening up the CSV file in Excel will formulate the following page. Make sure to save the file as an *.xls or *.xlsx to prevent any possible data loss.

NOTE: For any extra software issues, FishStatJ also has an online manual

POSSIBLE DATA LOSS: Some features might be lost if you save this workbook in the comma-delimited (.csv) format. To preserve these features, save it in an Excel file format. Don't show again Save As...

| Reporting country (Name) | Commodi | Trade flow | Unit (Nam Unit) | [1976] | S | [1977] | S | [1978] | S | [1979] | S | [1980] | S | [1981] | S | [1982] | S |
|--------------------------|---------|-------------------|-----------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| Afghanistan: Agar agar | Imports | Value (US\$ 1000) | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... |
| Afghanistan: Alaska pol | Imports | Value (US\$ 1000) | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... |
| Afghanistan: Alaska pol | Imports | Value (US\$ 1000) | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... |
| Afghanistan: American/ | Imports | Value (US\$ 1000) | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... |
| Afghanistan: Anchovies | Imports | Value (US\$ 1000) | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... |
| Afghanistan: Atlantic m | Imports | Value (US\$ 1000) | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... |
| Afghanistan: Blue shark | Imports | Value (US\$ 1000) | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... |
| Afghanistan: Carps, eel | Exports | Value (US\$ 1000) | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... |
| Afghanistan: Carps, eel | Imports | Value (US\$ 1000) | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... |
| Afghanistan: Carps, fre | Imports | Value (US\$ 1000) | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... |
| Afghanistan: Catfish, fr | Imports | Value (US\$ 1000) | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... |
| Afghanistan: Catfish, fr | Imports | Value (US\$ 1000) | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... |
| Afghanistan: Caviar | Exports | Value (US\$ 1000) | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... |
| Afghanistan: Caviar sub | Imports | Value (US\$ 1000) | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... |
| Afghanistan: Clams, coc | Imports | Value (US\$ 1000) | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... |
| Afghanistan: Cod nel, fl | Imports | Value (US\$ 1000) | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... | 0 ... |

FishStatJ Excel File

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