FAO FishstatJ Data

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Contents

Introduction

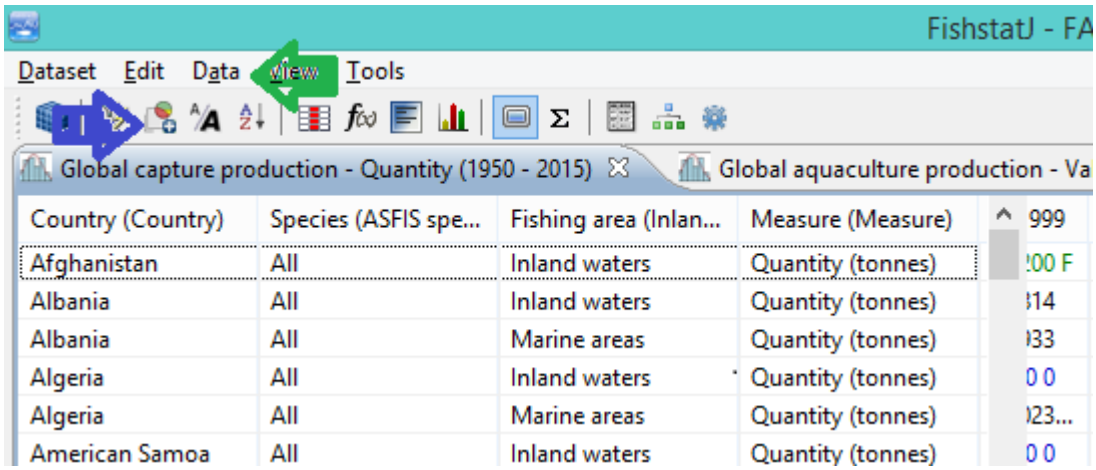
FAO Fishtatj is software used by the Food and Agriculture Organization to handle their fisheries and aquaculture data. Data from Fishtatj is separated into four different workspaces, which must each be downloaded separately: Global Fishery and Aquaculture Production Statistics and Global Aquatic Trade Statistics. Once downloaded, the data in each of these workspaces may be manipulated and converted to an excel file using the Fishtatj software. FAO Fishtatj and workspaces can be downloaded here. The following series are IFs data collected using Fishstatj:

Variable	Definition	Workspace	UsedInPreprocessor	UsedInPreprocessorFileName
AgFishAquaProdAqAnimalsFSJ	Total Aquatic Animals Aquaculture Production (tonnes) from FishstatJ	Global Fishery and Aquaculture Production Statistics	1	AGRI
AgFishAquaProdAqPlantsFSJ	Total Aquatic Plants Aquaculture Production (tonnes) from FishstatJ	Global Fishery and Aquaculture Production Statistics	1	AGRI
AgFishAquaProdCephalopodsFSJ	Total Cephalopods Aquaculture Production (tonnes) from FishstatJ	Global Fishery and Aquaculture Production Statistics	1	AGRI
AgFishAquaProdCrustaceansFSJ	Total Crustaceans Aquaculture Production (tonnes) from FishstatJ	Global Fishery and Aquaculture Production Statistics	1	AGRI
AgFishAquaProdDemersalFSJ	Total Demersal Aquaculture Production (tonnes) from FishstatJ	Global Fishery and Aquaculture Production Statistics	1	AGRI
AgFishAquaProdFreshwaterFSJ	Total Freshwater Aquaculture Production (tonnes) from FishstatJ	Global Fishery and Aquaculture Production Statistics	1	AGRI
AgFishAquaProdMarineFSJ	Total Marine Aquaculture Production (tonnes) from FishstatJ	Global Fishery and Aquaculture Production Statistics	1	AGRI
AgFishAquaProdMolluscsFSJ	Total Molluscs Aquaculture Production (tonnes) from FishstatJ	Global Fishery and Aquaculture Production Statistics	1	AGRI
AgFishAquaProdOthersFSJ	Total Others Aquaculture Production (tonnes) from FishstatJ	Global Fishery and Aquaculture Production Statistics	0	
AgFishAquaProdPelagicFSJ	Total Pelagic Aquaculture Production (tonnes) from FishstatJ	Global Fishery and Aquaculture Production Statistics	1	AGRI
AgFishCatchProdAqAnimalsFSJ	Total Aquatic Animals Catch Production (tonnes) from FishstatJ	Global Fishery and Aquaculture Production Statistics	1	AGRI
AgFishCatchProdAqMammalsFSJ	Total Aquatic Mammals Catch Production (tonnes) from FishstatJ	Global Fishery and Aquaculture Production Statistics	0	
AgFishCatchProdAqPlantsFSJ	Total Aquatic Plants Catch Production (tonnes) from FishstatJ	Global Fishery and Aquaculture Production Statistics	1	AGRI
AgFishCatchProdCephalopodsFSJ	Total Cephalopods Capture Production from FishstatJ	Global Fishery and Aquaculture Production Statistics	1	AGRI
AgFishCatchProdCrustaceansFSJ	Total Crustaceans Capture Production from FishstatJ	Global Fishery and Aquaculture Production Statistics	1	AGRI
AgFishCatchProdDemersalFSJ	Total Demersal Capture Production from FishstatJ	Global Fishery and Aquaculture Production Statistics	1	AGRI
AgFishCatchProdFreshwaterFSJ	Total Freshwater Capture Production from FishstatJ	Global Fishery and Aquaculture Production Statistics	1	AGRI
AgFishCatchProdMarineFSJ	Total Marine Capture Production from FishstatJ	Global Fishery and Aquaculture Production Statistics	1	AGRI
AgFishCatchProdMolluscsFSJ	Total Molluscs Capture Production from FishstatJ	Global Fishery and Aquaculture Production Statistics	1	AGRI
AgFishCatchProdOthersFSJ	Total Others Capture Production from FishstatJ	Global Fishery and Aquaculture Production Statistics	0	
AgFishCatchProdPelagicFSJ	Total Pelagic Capture Production (tonnes) from Fishstatj	Global Fishery and Aquaculture Production Statistics	1	AGRI
AgFishExportVal	Global Commodities Production and Trade Value of Fish Exports (USD)	Global Aquatic Trade Statistics	0	
AgFishImportVal	Global Commodities Production and Trade Value of Fish Imports (USD)	Global Aquatic Trade Statistics	0	
AgFishProdAquaInland	Fish,Production, Inland Aquaculture	Global Fishery and Aquaculture Production Statistics	0	
AgFishProdAquaMarine	Fish, production, Marine Aquaculture	Global Fishery and Aquaculture Production Statistics	0	
AgFishProdCatchInland	Fish, Production, Inland Catch	Global Fishery and Aquaculture Production Statistics	0	
AgFishProdCatchMarine	Fish, Production, Marine Catch	Global Fishery and Aquaculture Production Statistics	0	
AgFishExportValue%GDPFAOTrade	Export value of fish ($1000 US) from FishstatJ software, as a percent of GDP at current $ from WDI, all species aggregated	Global Aquatic Trade Statistics	1	AGRI
AgFishImportValue%GDPFAOTrade	Import value of fish ($1000 US) from FishstatJ software, as a percent of GDP at current $ from WDI, all species aggregated	Global Aquatic Trade Statistics	1	AGRI
AgFishExportQuantityFAOTrade	Quantity of fish exported (Tonnes) from FishstatJ,	Global Aquatic Trade Statistics	1	AGRI
AgFishImportQuantityFAOTrade	Quantity of fish imported (Tonnes) from FishstatJ,	Global Aquatic Trade Statistics	1	AGRI

Data Collection

After downloading Fishtatj and the Global Commodity and Global Fishery and Aquaculture Production Statistics workspaces, open the program and load the Global Fishery and Aquaculture Production Statistics dataset. Within this workspace, there are three tabs: Global Capture Production, Global Aquaculture Production, and Global Production by Production Source. Data can be further manipulated using the level of aggregation tool

(blue arrow) and the filter tool - the first option under the data tab (green arrow).



Global Capture Production (Quantity) tab of the Global Fishery and Aquaculture Production Statistics dataset

AgFishCatchProdAqAnimalsFSJ through AgFishCatchProdPelagicFSJ (see list in Introduction):

Using the aggregation tool, set the country dimension to detailed, the species to grouped, and the fishing area to aggregated. For the species division, choose "FAOSTAT group of commodities." Using the filter tool under the data tab, make sure that ALL species, countries and fishing areas have been included. All rows must be selected (ctrl/cmd + a). Data can then be saved as a .csv file by using the second option under the edit tab. This file can then be saved as a more updated excel file (.xls or .xlsx) once it is opened. The species correspond to the different data series as follows:

AgFishCatchProdAqAnimalsFSJ	Aquatic Animals NEI
AgFishCatchProdAqMammalsFSJ	Aquatic Mammals
AgFishCatchProdAqPlantsFSJ	Aquatic Plants
AgFishCatchProdCephalopodsFSJ	Cephalopods
AgFishCatchProdCrustaceansFSJ	Crustaceans
AgFishCatchProdDemersalFSJ	Demersal Marine Fish
AgFishCatchProdFreshwaterFSJ	Freshwater and Diadromous Fish
AgFishCatchProdMarineFSJ	Marine Fish NEI
AgFishCatchProdMolluscsFSJ	Molluscs excl. Cephalopods
AgFishCatchProdPelagicFSJ	Pelagic Marine Fish

AgFishProdCatchInland and AgFishProdCatchMarine:

Using the aggregation tool, set the country dimension to detailed, the species to aggregated, and the fishing area to grouped. For the fishing area division, choose "Inland/Marine areas". Using the filter tool under the data tab, make sure that ALL species, countries and fishing areas have been included. All rows must be selected (ctrl/cmd + a). Data can then be saved as a .csv file by using the second option under the edit tab. This file can then be saved as a more updated excel file (.xls or .xlsx) once it is opened. The marine areas data correspond to AgFishProdCatchMarine and the inland waters data correspond to AgFishProdCatchInland.

Global Aquaculture Production (Quantity) tab of the Global Fishery and Aquaculture Production Statistics dataset

AgFishAquaProdAqAnimalsFSJ through AgFishAquaProdPelagicFSJ (see list in Introduction):

Using the aggregation tool, set the country dimension to detailed, the species to grouped, and the aquaculture area and environment both to aggregated. For the species division, choose "FAOSTAT group of commodities". Using the filter tool under the data tab, make sure that ALL species, countries, aquaculture areas, and environments have been included. All rows must be selected (ctrl/cmd + a). Data can then be saved as a .csv file by using the second option under the edit tab. This file can then be saved as a more updated excel file (.xls or .xlsx) once it is opened. The species correspond to the different data series as follows:

AgFishAquaProdAqAnimalsFSJ	Aquatic Animals NEI
AgFishAquaProdAqPlantsFSJ	Aquatic Plants
AgFishAquaProdCephalopodsFSJ	Cephalopods
AgFishAquaProdCrustaceansFSJ	Crustaceans
AgFishAquaProdDemersalFSJ	Demersal Marine Fish
AgFishAquaProdFreshwaterFSJ	Freshwater and Diadromous Fish
AgFishAquaProdMarineFSJ	Marine Fish NEI
AgFishAquaProdMolluscsFSJ	Molluscs excl. Cephalopods
AgFishAquaProdPelagicFSJ	Pelagic Marine Fish

AgFishProdAquaInland and AgFishProdAquaMarine:

Under the aggregation tool, set the country dimension to detailed, the species and enviroment both to aggregated, and the aquaculture area to grouped. For the aquaculture division, choose "Inland/Marine areas". Using the filter tool under the data tab, make sure that ALL species, countries, aquaculture areas, and evironments have been included. All rows must be selected (ctrl/cmd + a). Data can then be saved as a .csv file by using the second option under the edit tab. This file can then be saved as a more updated excel file (.xls or .xlsx) once it is opened. The marine areas data correspond to AgFishProdAquaMarine and the inland waters data correspond to AgFishProdAquaInland.

Global Aquatic Trade Statistics Workspace

Close the workspace. Then open the Global Aquatic Trade Statistics Workspace.

Global Aquatic Trade Statistics - All partners aggregated

Value

The four series found in this workspace are AgFishExportVal, AgFishImportVal, AgFishExportValue%GDPFAOTrade and AgFishImportValue%GDPFAOTrade. Using the aggregation tool, set the country dimension to detailed, the commodity to aggregated, and

the trade flow to detailed. All rows must be selected (ctrl/cmd + a). Data can then be saved as a .csv file by using the second option under the edit tab. This file can then be saved as a more updated excel file (.xls or .xlsx) once it is opened. For AgFishExportValue%GDPFAOTrade and AgFishImportValue%GDPFAOTrade, downloaded value divided by GDP at current $ from WDI.

Quantity

The two series found in this workspace are AgFishExportQuantityFAOTrade and AgFishImportQuantityFAOTrade. Using the aggregation tool, set the country dimension to detailed, the commodity to aggregated, and the trade flow to detailed. All rows must be selected (ctrl/cmd + a). Data can then be saved as a .csv file by using the second option under the edit tab. This file can then be saved as a more updated excel file (.xls or .xlsx) once it is opened.
