

FAOSTAT FBS

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FAOSTAT provides annual statistics of food supply by country. FAOSTAT data can be found here < <http://www.fao.org/faostat/en/#data>>. The latest data has been pulled from the report updated on April, 2024 which covers 186 economies from year 1961 to year 2021.

Series pulled from the FAOSTAT Food Balance Sheets

Standard Series	Name in Source	Item Code	Element Code
AgBovineMeatProductionFAO	Bovine Meat: Production	2731	5511
AgCerealsEx	Cereals - Excluding Beer: Export Quantity	2905	5911
AgCerealsIm	Cereals - Excluding Beer: Import Quantity	2905	5611
AgFishCalPerCapPerDayAqAnimalsFAO	Aquatic Animals, Others: Food supply (kcal/capita/day)	2769	664
AgFishCalPerCapPerDayAqPlantsFAO	Aquatic Plants: Food supply (kcal/capita/day)	2775	664
AgFishCalPerCapPerDayBodyOilFAO	Fish, Body Oil: Food supply (kcal/capita/day)	2781	664
AgFishCalPerCapPerDayCephalopodsFAO	Cephalopods: Food supply (kcal/capita/day)	2766	664
AgFishCalPerCapPerDayCrustaceansFAO	Crustaceans: Food supply (kcal/capita/day)	2765	664
AgFishCalPerCapPerDayDemersalFAO	Demersal Fish: Food supply (kcal/capita/day)	2762	664
AgFishCalPerCapPerDayFreshwaterFAO	Freshwater Fish: Food supply (kcal/capita/day)	2761	664
AgFishCalPerCapPerDayLiverOilFAO	Fish, Liver Oil: Food supply (kcal/capita/day)	2782	664
AgFishCalPerCapPerDayMarineFAO	Marine Fish, Other: Food supply (kcal/capita/day)	2764	664
AgFishCalPerCapPerDayMolluscsFAO	Molluscs, Other: Food supply (kcal/capita/day)	2767	664
AgFishCalPerCapPerDayPelagicFAO	Pelagic Fish: Food supply (kcal/capita/day)	2763	664
AgFishDomesticSupplyAqAnimalsFAO	Aquatic Animals, Others: Domestic supply quantity	2769	5301
AgFishDomesticSupplyAqPlantsFAO	Aquatic Plants: Domestic supply quantity	2775	5301
AgFishDomesticSupplyBodyOilFAO	Fish, Body Oil: Domestic supply quantity	2781	5301
AgFishDomesticSupplyCephalopodsFAO	Cephalopods: Domestic supply quantity	2766	5301
AgFishDomesticSupplyCrustaceansFAO	Crustaceans: Domestic supply quantity	2765	5301
AgFishDomesticSupplyDemersalFAO	Demersal Fish: Domestic supply quantity	2762	5301
AgFishDomesticSupplyFreshwaterFAO	Freshwater Fish: Domestic supply quantity	2761	5301
AgFishDomesticSupplyLiverOilFAO	Fish, Liver Oil: Domestic supply quantity	2782	5301
AgFishDomesticSupplyMarineFAO	Marine Fish, Other: Domestic supply quantity	2764	5301
AgFishDomesticSupplyMolluscsFAO	Molluscs, Other: Domestic supply quantity	2767	5301
AgFishDomesticSupplyPelagicFAO	Pelagic Fish: Domestic supply quantity	2763	5301
AgFishExportsAqAnimalsFAO	Aquatic Animals, Others: Export Quantity	2769	5911
AgFishExportsAqPlantsFAO	Aquatic Plants: Export Quantity	2775	5911
AgFishExportsBodyOilFAO	Fish, Body Oil: Export Quantity	2781	5911
AgFishExportsCephalopodsFAO	Cephalopods: Export Quantity	2766	5911
AgFishExportsCrustaceansFAO	Crustaceans: Export Quantity	2765	5911
AgFishExportsDemersalFAO	Demersal Fish: Export Quantity	2762	5911
AgFishExportsFreshwaterFAO	Freshwater Fish: Export Quantity	2761	5911
AgFishExportsLiverOilFAO	Fish, Liver Oil: Export Quantity	2782	5911
AgFishExportsMarineFAO	Marine Fish, Other: Export Quantity	2764	5911
AgFishExportsMolluscsFAO	Molluscs, Other: Export Quantity	2767	5911
AgFishExportsPelagicFAO	Pelagic Fish: Export Quantity	2763	5911
AgFishFoodSupplyPerCapPerDayAqAnimalsFAO	Aquatic Animals, Others: Food supply quantity (kg/capita/yr)	2769	645
AgFishFoodSupplyPerCapPerDayAqPlantsFAO	Aquatic Plants: Food supply quantity (kg/capita/yr)	2775	645
AgFishFoodSupplyPerCapPerDayBodyOilFAO	Fish, Body Oil: Food supply quantity (kg/capita/yr)	2781	645
AgFishFoodSupplyPerCapPerDayCephalopodsFAO	Cephalopods: Food supply quantity (kg/capita/yr)	2766	645
AgFishFoodSupplyPerCapPerDayCrustaceansFAO	Crustaceans: Food supply quantity (kg/capita/yr)	2765	645
AgFishFoodSupplyPerCapPerDayDemersalFAO	Demersal Fish: Food supply quantity (kg/capita/yr)	2762	645
AgFishFoodSupplyPerCapPerDayFreshwaterFAO	Freshwater Fish: Food supply quantity (kg/capita/yr)	2761	645
AgFishFoodSupplyPerCapPerDayLiverOilFAO	Fish, Liver Oil: Food supply quantity (kg/capita/yr)	2782	645
AgFishFoodSupplyPerCapPerDayMarineFAO	Marine Fish, Other: Food supply quantity (kg/capita/yr)	2764	645
AgFishFoodSupplyPerCapPerDayMolluscsFAO	Molluscs, Other: Food supply quantity (kg/capita/yr)	2767	645
AgFishFoodSupplyPerCapPerDayPelagicFAO	Pelagic Fish: Food supply quantity (kg/capita/yr)	2763	645
AgFishImportsAqAnimalsFAO	Aquatic Animals, Others: Import Quantity	2769	5611
AgFishImportsAqPlantsFAO	Aquatic Plants: Import Quantity	2775	5611
AgFishImportsBodyOilFAO	Fish, Body Oil: Import Quantity	2781	5611
AgFishImportsCephalopodsFAO	Cephalopods: Import Quantity	2766	5611
AgFishImportsCrustaceansFAO	Crustaceans: Import Quantity	2765	5611
AgFishImportsDemersalFAO	Demersal Fish: Import Quantity	2762	5611
AgFishImportsFreshwaterFAO	Freshwater Fish: Import Quantity	2761	5611
AgFishImportsLiverOilFAO	Fish, Liver Oil: Import Quantity	2782	5611
AgFishImportsMarineFAO	Marine Fish, Other: Import Quantity	2764	5611
AgFishImportsMolluscsFAO	Molluscs, Other: Import Quantity	2767	5611
AgFishImportsPelagicFAO	Pelagic Fish: Import Quantity	2763	5611
AgFishProdAqAnimalsFAO	Aquatic Animals, Others: Production	2769	5511
AgFishProdAqPlantsFAO	Aquatic Plants: Production	2775	5511
AgFishProdBodyOilFAO	Fish, Body Oil: Production	2781	5511
AgFishProdCephalopodsFAO	Cephalopods: Production	2766	5511
AgFishProdCrustaceansFAO	Crustaceans: Production	2765	5511
AgFishProdDemersalFAO	Demersal Fish: Production	2762	5511
AgFishProdFreshwaterFAO	Freshwater Fish: Production	2761	5511
AgFishProdLiverOilFAO	Fish, Liver Oil: Production	2782	5511
AgFishProdMarineFAO	Marine Fish, Other: Production	2764	5511
AgFishProdMolluscsFAO	Molluscs, Other: Production	2767	5511
AgFishProdPelagicFAO	Pelagic Fish: Production	2763	5511
AgFishProteinPerCapPerDayAqAnimalsFAO	Aquatic Animals, Others: Protein supply quantity (g/capita/day)	2769	674
AgFishProteinPerCapPerDayAqPlantsFAO	Aquatic Plants: Protein supply quantity (g/capita/day)	2775	674
AgFishProteinPerCapPerDayBodyOilFAO	Fish, Body Oil: Protein supply quantity (g/capita/day)	2781	674
AgFishProteinPerCapPerDayCephalopodsFAO	Cephalopods: Protein supply quantity (g/capita/day)	2766	674
AgFishProteinPerCapPerDayCrustaceansFAO	Crustaceans: Protein supply quantity (g/capita/day)	2765	674
AgFishProteinPerCapPerDayDemersalFAO	Demersal Fish: Protein supply quantity (g/capita/day)	2762	674
AgFishProteinPerCapPerDayFreshwaterFAO	Freshwater Fish: Protein supply quantity (g/capita/day)	2761	674
AgFishProteinPerCapPerDayLiverOilFAO	Fish, Liver Oil: Protein supply quantity (g/capita/day)	2782	674
AgFishProteinPerCapPerDayMarineFAO	Marine Fish, Other: Protein supply quantity (g/capita/day)	2764	674
AgFishProteinPerCapPerDayMolluscsFAO	Molluscs, Other: Protein supply quantity (g/capita/day)	2767	674
AgFishProteinPerCapPerDayPelagicFAO	Pelagic Fish: Protein supply quantity (g/capita/day)	2763	674
AgFishToFeedAqPlantsFAO	Aquatic Plants: Feed	2775	5521
AgFishToFeedBodyOilFAO	Fish, Body Oil: Feed	2781	5521
AgFishToFeedCephalopodsFAO	Cephalopods: Feed	2766	5521
AgFishToFeedCrustaceansFAO	Crustaceans: Feed	2765	5521
AgFishToFeedDemersalFAO	Demersal Fish: Feed	2762	5521
AgFishToFeedFreshwaterFAO	Freshwater Fish: Feed	2761	5521
AgFishToFeedLiverOilFAO	Fish, Liver Oil: Feed	2782	5521
AgFishToFeedMarineFAO	Marine Fish, Other: Feed	2764	5521
AgFishToFeedMolluscsFAO	Molluscs, Other: Feed	2767	5521
AgFishToFeedPelagicFAO	Pelagic Fish: Feed	2763	5521
AgFishToFeedAqAnimalsFAO	Aquatic Animals, Others: Food	2769	5142
AgFishToFeedAqPlantsFAO	Aquatic Plants: Food	2775	5142
AgFishToFeedBodyOilFAO	Fish, Body Oil: Food	2781	5142
AgFishToFeedCephalopodsFAO	Cephalopods: Food	2766	5142
AgFishToFeedCrustaceansFAO	Crustaceans: Food	2765	5142
AgFishToFeedDemersalFAO	Demersal Fish: Food	2762	5142
AgFishToFeedFreshwaterFAO	Freshwater Fish: Food	2761	5142
AgFishToFeedLiverOilFAO	Fish, Liver Oil: Food	2782	5142
AgFishToFeedMarineFAO	Marine Fish, Other: Food	2764	5142
AgFishToFeedMolluscsFAO	Molluscs, Other: Food	2767	5142
AgFishToFeedPelagicFAO	Pelagic Fish: Food	2763	5142
AgFishToOtherUtilAqAnimalsFAO	Aquatic Animals, Others: Other uses (non-food) & Tourist consumption	2769	5154 & 5171
AgFishToOtherUtilAqPlantsFAO	Aquatic Plants: Other uses (non-food) & Tourist consumption	2775	5154 & 5171
AgFishToOtherUtilBodyOilFAO	Fish, Body Oil: Other uses (non-food) & Tourist consumption	2781	5154 & 5171
AgFishToOtherUtilCephalopodsFAO	Cephalopods: Other uses (non-food) & Tourist consumption	2766	5154 & 5171
AgFishToOtherUtilCrustaceansFAO	Crustaceans: Other uses (non-food) & Tourist consumption	2765	5154 & 5171
AgFishToOtherUtilDemersalFAO	Demersal Fish: Other uses (non-food) & Tourist consumption	2762	5154 & 5171
AgFishToOtherUtilFreshwaterFAO	Freshwater Fish: Other uses (non-food) & Tourist consumption	2761	5154 & 5171
AgFishToOtherUtilLiverOilFAO	Fish, Liver Oil: Other uses (non-food) & Tourist consumption	2782	5154 & 5171
AgFishToOtherUtilMarineFAO	Marine Fish, Other: Other uses (non-food) & Tourist consumption	2764	5154 & 5171
AgFishToOtherUtilMolluscsFAO	Molluscs, Other: Other uses (non-food) & Tourist consumption	2767	5154 & 5171
AgFishToOtherUtilPelagicFAO	Pelagic Fish: Other uses (non-food) & Tourist consumption	2763	5154 & 5171
AgFishToSeedAqAnimalsFAO	Aquatic Animals, Others: Seed	2769	5527
AgFishToSeedCephalopodsFAO	Cephalopods: Seed	2766	5527
AgFishToSeedCrustaceansFAO	Crustaceans: Seed	2765	5527
AgFishToSeedDemersalFAO	Demersal Fish: Seed	2762	5527
AgFishToSeedFreshwaterFAO	Freshwater Fish: Seed	2761	5527
AgFishToSeedMarineFAO	Marine Fish, Other: Seed	2764	5527
AgFishToSeedMolluscsFAO	Molluscs, Other: Seed	2767	5527
AgFishToSeedPelagicFAO	Pelagic Fish: Seed	2763	5527
AgMeatEx	Meat: Export Quantity	2943	5911
AgMeatIm	Meat: Import Quantity	2943	5611
AgMeatOtherProductionFAO	Meat, Other: Production	2735	5511
AgMuttonandGoatMeatProductionFAO	Mutton & Goat Meat: Production	2732	5511
AgPigMeatProductionFAO	Pigmeat: Production	2733	5511
AgPoultryMeatProductionFAO	Poultry Meat: Production	2734	5511
AgProdCereals	Cereals - Excluding Beer: Production	2905	5511
AgProdFruitsExclMelons	Fruits - Excluding Wine: Production	2919	5511
AgProdPulses	Pulses: Production	2911	5511
AgProdRootsTub	Starchy Roots: Production	2907	5511

Note: For "OtherUtil" series, the old "other utilizations" variable has been split into two new ones: "Tourist" food allocation (for now used in a limited number of countries where tourism has a very significant impact on food supply) and "Industrial non-food uses" (which should cover allocations to the textile, pharmaceutical, etc. industries). Thus, there are 2 Element Codes.

AGCrop Series	Name in Source	Element Code	Item Group
AGCropCalPerCapPerDayFAO	Crops: Food supply (kcal/capita/day)	664	Crops
AGCropDomesticSupplyFAO	Crops: Domestic supply quantity	5301	Crops
AGCropExportsFAO	Crops: Export Quantity	5911	Crops
AGCropFoodSupplyPerCapPerDayFAO	Crops: Food supply quantity (kg/capita/yr)	645	Crops
AGCropImportsFAO	Crops: Import Quantity	5611	Crops
AGCropProductionFAO	Crops: Production	5511	Crops
AGCropProteinPerCapPerDayFAO	Crops: Protein supply quantity (g/capita/day)	674	Crops
AGCroptoFeedFAO	Crops: Feed	5521	Crops
AGCroptoFoodFAO	Crops: Food	5142	Crops
AGCroptoFoodManuFAO	Crops: Processing	5131	Crops
AGCroptoOtherUtilFAO	Crops: Other uses (non-food) & Tourist consumption	5154 & 5171	Crops
AGCroptoSeedFAO	Crops: Seed	5527	Crops
AGCroptoWasteFAO	Crops: Losses	5123	Crops

Items in Crops Group:

Item	Item Code
Alcohol, Non-Food	2659
Cereals - Excluding Beer	2905
Starchy Roots	2907
Sugar Crops	2908
Sugar & Sweeteners	2909
Pulses	2911
Treenuts	2912
Oilcrops	2913
Vegetable Oils	2914
Vegetables	2918
Fruits - Excluding Wine	2919
Stimulants	2922
Spices	2923
Alcoholic Beverages	2924
Miscellaneous	2928

AGMeat Series	Name in Source	Item Code	Element Code
AGMeatCalPerCapPerDayFAO	Meat: Food supply (kcal/capita/day)	2943	664
AGMeatDomesticSupplyFAO	Meat: Domestic supply quantity	2943	5301
AGMeatExportsFAO	Meat: Export Quantity	2943	5911
AGMeatFoodSupplyPerCapPerDayFAO	Meat: Food supply quantity (kg/capita/yr)	2943	645
AGMeatImportsFAO	Meat: Import Quantity	2943	5611
AGMeatProductionFAO	Meat: Production	2943	5511
AGMeatProteinPerCapPerDayFAO	Meat: Protein supply quantity (g/capita/day)	2943	674
AGMeattoFeedFAO	Meat: Feed	2943	5521
AGMeattoFoodFAO	Meat: Food	2943	5142
AGMeattoFoodManuFAO	Meat: Processing	2943	5131
AGMeattoOtherUtilFAO	Meat: Other uses (non-food) & Tourist consumption	2943	5154 & 5171
AGMeattoSeedFAO	Meat: Seed	2943	5527
AGMeattoWasteFAO	Meat: Losses	2943	5123

FruVeg Series Name in Source	Element Code	Item Group
AgFruVegEx FruVeg: Export Quantity	5911	FruVeg
AgFruVegIm FruVeg: Import Quantity	5611	FruVeg

Items in FruVeg Group:

Item	Item Code
Fruits - Excluding Wine	2919
Vegetables	2918

Variable	Name in Source	Item Code	Element Code
AgPulsesEx	Pulses: Export Quantity	2911	5911
AgPulsesIm	Pulses: Import Quantity	2911	5611

Instructions for pulling FAOSTAT FBS series

The FAOSTAT FBS series are blended from two datasets: The historical data goes from 1961 to 2009 while the preliminary data goes from 2010 to 2021. Both datasets are from the FAOSTAT website.

1. The data can be accessed on the FAOSTAT website. Historical data series are available here <<http://www.fao.org/faostat/en/#data/FBSH>> and preliminary data series are available here <<http://www.fao.org/faostat/en/#data/FBS>>.
2. Download 'All Data' under Bulk Downloads.
3. Apply Python script.
4. There are 160 series in Total. The series are sorted by category in the tables above.
 - 130 standard series,

Element	Count
Food supply quantity (kg/capita/yr)	11
Food supply (kcal/capita/day)	11
Protein supply quantity (g/capita/day)	11
Food	11
Domestic supply quantity	11
Production	20
Feed	10
Seed	8
Import Quantity	13
Export Quantity	13
Other uses (non-food) & Tourist consumption	11

- 13 series starting with "AGCrop",
 - 13 series starting with "AGMeat",
 - 2 series starting with "AgFruVeg",
 - 2 series starting with "AgPulses".
5. The following states are included in FAOSTAT countries, but we do not have them in IFs Countries. You will need to copy and paste the data from the below dissolved states into their new states (The general rule about merging data between current states and their former dissolved states is whichever state that inherited the capital city has the right to claim data from its former dissolved state):

- China, mainland --> China
- Czechoslovakia --> Czech Republic
- Ethiopia PDR --> Ethiopia
- USSR --> Russian Federation
- Yugoslav SFR --> Serbia
- Serbia and Montenegro --> Serbia
- Sudan (former) --> Sudan

6. When take the sum of items under crops/fruveg group, be aware that sum of null is null instead of 0.

2020 Update

For the 2020 update, the FAOSTAT FBS series were pulled using Python. The Python code can be accessed through the Pardee Data Team.

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