

Overview of the selected indicators: Data collection, normalization and accessing data sources

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UNITED NATIONS

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ESCWA

Training Workshop on the use of the Food
Security Monitoring Framework in the
Arab Region

Beirut, 19-22 August 2019

CO1: Prevalence of undernourishment (%)

1. CTRL+CLICK on: <http://www.fao.org/faostat/en/?#data/FS>
2. In the first box: click on Countries then Select All
3. Scroll down to the third box, in the filter results of items write: “Prevalence of undernourishment (% of population)” then select it
4. In the 4th box: Select all years from 2010 to recent
5. Scroll down and click on Download data

Filter the countries that you need bearing in mind to extract the minimum and maximum values between all countries or worldwide of year 2010 (selected base year)

CO2: Prevalence of severe food insecurity (%)

1. CTRL+CLICK on: <http://www.fao.org/faostat/en/?#data/FS>
2. In the first box: click on Countries then Select All
3. Scroll down to the third box, in the filter results of items write: “Prevalence of severe food insecurity in the total population” then select it
4. In the 4th box: Select all years from 2010 to recent
5. Scroll down and click on Download data

Or you can find data on <http://www.fao.org/3/ca3817en/ca3817en.pdf>

CO3: Prevalence of obesity in the adult population (18 years and older)

1. CTRL+ CLICK on: <http://apps.who.int/gho/data/node.main.A900A?lang=en>
2. Download complete data set as: EXCEL or CSV
3. Years: 2010 & latest values
4. Extract the min and max values for year 2010 (selected base year)

AV1: Primary wheat yield as a percentage of potential achievable yield (%)

For potentially achievable wheat yield: CTRL+CLICK on:

<https://www.nature.com/articles/nature11420>

1. Scroll down to “Supplementary information” tab
2. Excel files: Download Supplementary data
3. In the excel sheet, select the last sheet “wheat_intensification_by_country”

Extract data from yield gaps closed to 100% AY; column “attainable yield (t/ha - avg across area of interest)”

For the achieved wheat yield values: CTRL+CLICK on: <http://www.fao.org/faostat/en/?#data/QC>

In the first box: Select all countries; in the second one: Select “Yield”; in the third: Select “Wheat” then select years from 2010 to latest year and finally download data (hg/ha)

Please make sure to convert values from hg/ha to t/ha by dividing the number by 10,000

AV2: The agriculture orientation index for government expenditures (AOI)

1. CTRL+CLICK on: <http://www.fao.org/faostat/en/#data/IG>
2. In the first box: click on Countries then Select All
3. In the second box Elements: select “Agriculture Orientation Index (AOI)”
4. In the third box: Items: select all
5. In the 4th box: Select all years from 2010 to recent
6. Scroll down and click on Download data

AV3: Food Losses (% of total food available)

1. <http://www.fao.org/faostat/en/#data/FBS>
2. In the first box: click on Countries then Select All
3. In the second box select the following elements:
 - production quantity;
 - export quantity;
 - import quantity and;
 - Losses
4. In the third box, **CLICK ON: Items aggregated THEN SEARCH FOR “Cereals – Excluding Beer + (Total)” AND THEN SELECT IT;**
5. Select years from 2010 to the latest; and then
6. Download data

AV4: Average dietary energy supply adequacy (%)

1. CTRL+CLICK on: <http://www.fao.org/faostat/en/#data/FSI>
2. In the first box: click on Countries then Select All
3. Elements: value
4. In the third box, choose: Items aggregated and write in the filter results: “Average dietary energy supply adequacy (%)” then select it;
5. Select years from 2010 to the latest (2017); then,
6. Download data

AV5: Cereal import dependency ratio (%)

1. CTRL+CLICK on: <http://www.fao.org/faostat/en/#data/FSI>
2. In the first box: click on Countries then Select All;
3. Elements: value;
4. In the third box, choose: Items aggregated then write in the filter results “Cereal import dependency ratio (%)” and select it;
5. Select years: 2010 and latest (2012), then;
6. Download data

AV6: Share of water resources used in agriculture, out of total renewable water resources (%)

1. CTRL+CLICK on: <http://www.fao.org/nr/water/aquastat/data/query/>
2. Select Countries : select all
3. Select variables:
 - **Water resources: Total renewable water resources**
 - **Water use: Water withdrawal by Sector: Agricultural water withdrawal**
4. Years: 2010 and latest (2017)
5. Submit

AC1: Poverty headcount ratio (% of population)

1. CTRL+CLICK on:
https://data.worldbank.org/indicator/SI.POV.LMIC?end=2017&name_desc=false&start=2000
2. Below the graph scroll right to choose years from 2010 to latest values
3. Then download data as CSV or Excel



AC2: Share of food consumption expenditure in total household consumption expenditure (%)

1. CTRL+CLICK on: <http://www.fao.org/giews/country-analysis/country-briefs/index.jsp>
2. Select Country and click on it
3. Scroll down, in the para. **Annualized food inflation decreased in July 2018**

Check the 2nd paragraph, % of the total households' expenditures if mentioned

Ex: On average, food accounts for about 43 percent of the total households' expenditures

AC3: Unemployment rate (%)

1. CTRL+CLICK on: <https://databank.worldbank.org/reports.aspx?source=world-development-indicators>
2. Click on country, then click on  to select all countries
3. Click on series, then write in this box:  “Unemployment, total (% of total labor force) (modeled ILO estimate)”, then search, select it
4. Click on time then select from 2010 to recent values 2018
5. Click on: Apply changes
6. Download options: Excel or CSV

AC4: Logistics performance index

1. CTRL+CLICK on:
https://data.worldbank.org/indicator/LP.LPI.OVRL.XQ?end=2016&name_desc=false&start=2010
2. Below the graph scroll right to choose years from 2010 to latest values
3. Then download data as CSV or Excel

AC5: Inflation, Consumer Prices (Annual %)

1. CTRL+CLICK on:
<https://data.worldbank.org/indicator/FP.CPI.TOTL.ZG?end=2018&start=2010>
2. Below the graph scroll right to choose years from 2010 to latest values
3. Then download data as CSV or Excel

UT1: Proportion of population using at least basic drinking water services (%)

1. CTRL+CLICK on: <http://www.fao.org/faostat/en/?#data/FS>
2. In the first box: click on Countries then Select All
3. Scroll down to the third box, in the filter results write: “Percentage of population using at least basic drinking water services (percent)” then select it
4. In the 4th box: Select all years from 2010 to recent
5. Scroll down and click on Download data

UT2: Proportion of population using at least basic sanitation services, including a handwashing facility with soap and water (%)

1. CTRL+CLICK on: <http://www.fao.org/faostat/en/?#data/FS>
2. In the first box: click on Countries then Select All
3. Scroll down to the third box, in the filter results write: “Percentage of population using at least basic sanitation services (percent)” then select it
4. In the 4th box: Select all years from 2010 to recent
5. Scroll down and click on Download data

UT3: Percentage of children under 5 years of age affected by Stunting (%)

1. CTRL+CLICK on: <http://www.fao.org/faostat/en/?#data/FS>
2. In the first box: click on Countries then Select All
3. Scroll down to the third box, in the filter results write: “Percentage of children under 5 years of age who are stunted (percent)” then select it
4. In the 4th box: Select all years from 2010 to recent
5. Scroll down and click on Download data

UT4: Percentage of children under 5 years of age affected by Wasting (%)

1. CTRL+CLICK on: <http://www.fao.org/faostat/en/?#data/FS>
2. In the first box: click on Countries then Select All
3. Scroll down to the third box, in the filter results write: “Percentage of children under 5 years affected by wasting (percent)” then select it
4. In the 4th box: Select all years from 2010 to recent
5. Scroll down and click on Download data

UT5: Prevalence of anemia among women of reproductive age (15-49 years) (%)

1. CTRL+CLICK on: <http://www.fao.org/faostat/en/?#data/FS>
2. In the first box: click on Countries then Select All
3. Scroll down to the third box, in the filter results write: “Prevalence of anemia among women of reproductive age (15-49 years)” then select it
4. In the 4th box: Select all years from 2010 to recent
5. Scroll down and click on Download data

ST1: Climate change vulnerability index

1. CTRL+CLICK on: <http://projects.hcss.nl/monitor/70/>
2. Select each Country

ST2: Food price anomalies

1. CTRL+CLICK on: <https://unstats.un.org/sdgs/indicators/database/?indicator=2.c.1>
2. Search and select indicators: Food price anomalies
3. Show table or download it
4. 2010 & latest values of Wheat
5. Type of product : Wheat

ST3: Political stability and absence of violence

1. CTRL+CLICK on: <http://info.worldbank.org/governance/wgi/index.aspx#home>
2. CTRL+CLICK on: <https://databank.worldbank.org/reports.aspx?source=1181&series=PV.PER.RNK>
3. Download full data sets
4. Column: Rank (in the excel sheet)

ST4: Per capita food production variability (%)

1. CTRL+CLICK on: <http://www.fao.org/faostat/en/#data/FSI>
2. In the search an indicator or commodity box write: “Per capita food production variability” then select it
3. Download table
4. Select years: 2010 & latest values of Wheat
5. Type of product : Wheat

ST5: Per capita food supply variability (%)

1. CTRL+CLICK on: <http://www.fao.org/faostat/en/#data/FSI>
2. In the first box: click on Countries then Select All
3. Scroll down to the third box, in the filter results write: “Per capita food supply variability (kcal/cap/day)” then select it
4. In the 4th box: Select all years from 2010 to recent
5. Scroll down and click on Download data

For the normalization:

*Please do not forget to extract the **minimum and maximum** of all countries (worldwide) for each indicator for the year **2010** (selected base year)*

Min and Max:

- **AV1, AV3 and AV6 (based on 2010 values):**

Calculated after computing the formula for worldwide countries

- **For AC5 (Inflation):**

Min is always 0 and Max: its computed for all the years starting 2010

- **For remaining indicators:**

Calculated based on 2010 values (base year)

- **When there is no data for 2010:**

Min and Max of the latest year available

THANK YOU

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