

Food price inflation

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Project type: timeseries

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Metadata information

Information on metadata

Document title

Metadata for Food price inflation

Document ID

META_FAO_CP_23014

Metadata producers

| Name | Abbreviation | Affiliation |
|----------------------------------|--------------|-------------|
| Development Economics Data Group | DECDG | World Bank |

Version

1.1

Version notes

Updated title formatting for consistency.

Version date

2025-03-17

Indicator description

Title statement

Indicator code

FAO_CP_23014

Indicator name

Food price inflation

Database ID

FAO_CP

Language

| Name | Code |
|---------|------|
| English | EN |

Version date

2025-12-01

Description

Definition

Inflation is measured in terms of the annual growth rate and in index, 2015 base year.

Definition references

| Source | URL |
|---|---|
| Food and Agriculture Organization of the United Nations (FAO) | https://www.fao.org/faostat/en/#data/CP/metadata |

Development relevance

User needs: The main users of national CPIs are Central Banks and governments, in setting monetary policy targets and indexing social security payments and income tax systems, as well as public and private employers using the CPI as an escalator for wage contracts

Measurement unit

Percentage

Dimensions

| Label | Description |
|-----------------|-------------------------|
| Geographic area | Country/economy, Region |
| Year | |

Periodicity

Monthly

Topics

| ID | Label | Parent ID | Vocabulary |
|-----------|---------------------------------------|-----------|--------------------|
| P3 | Prosperity | | WB Practice Groups |
| P1 | Planet | | WB Practice Groups |
| P3_000006 | Trade, Investment and Competitiveness | P3 | Data360 Topic L1 |
| P3_000023 | Markets, Competition, and Technology | P3_000006 | Data360 Topic L2 |
| P1_000001 | Agriculture and Food | P1 | Data360 Topic L1 |
| P1_000012 | Food and Nutrition Security | P1_000001 | Data360 Topic L2 |

Quality

Quality checks

Quality documentation: See references in the ILO's Report III: Consumer Price Indices, from the Seventeenth International Conference of Labour Statisticians, available through <http://www.ilo.org/global/statistics-and-databases/lang--en/index.htm> | Quality assurance: The FAO Statistics Quality Assurance Framework is available <https://www.fao.org/docrep/019/i3664e/i3664e.pdf>

Quality note

The main strength of CPIs is the long history of data collection and its extensive use for setting monetary policy targets, indexing social security benefits such as pensions and unemployment insurance, and escalating tax thresholds and credit and private, public wage contracts. The Food CPI is used as input for the measurement of the Sustainable Development Goal (SDG) Indicator 2.c.1 - Indicator of Food Price Anomalies (IFPA). The critical uses have led to a long history of expert research and feedback on the CPI methodology. However, while country level CPIs are consistently relevant, timeliness and data quality can

vary across countries based on differences in financial resources, statistical infrastructure, and legislation governing data collection.

Source discrepancies

Coherence - cross domain: The CPI dataset is unique with respect to other FAOSTAT domains given its scope (all consumer products, food products), its frequency (monthly) and its product classification system (COICOP). This dataset is complementary to producer prices, as it provides information on price changes at the end of the chain, whereas producer prices focus on farm-gate prices. | Coherence - internal: Differences in data collection and aggregation methodologies, in product coverage (some countries include alcoholic beverages in the food index, others include food consumed away from home, etc.) and in geographic scope (city/local indices vs. national averages) can affect cross-country comparability.

Limitations

Geographical comparability can be limited due to several factors that vary from one country to another, usually driven by differences in resources, statistical infrastructure, and/or statistical methodology. This can include differences in: household coverage (some countries focus on households located only in one or more urban areas); reference/base period for expenditure weights; product classifications; and index aggregation formulas (e.g. Laspeyres-type vs. Paasche). Where these differences have limited impact on national trends in CPIs, geographic comparability may still remain high.

Concepts and methods

Statistical concept

Consumer Price Indices measure the price change between the current and reference periods of an average basket of goods and services purchased by households. Inflation measured by Food Consumer price index (CPI) is defined as the change in the prices of a basket of goods and services that are typically purchased by specific groups of households. Inflation is measured in terms of the annual growth rate and in index, 2015 base year.

Methodology

CPI Manual Theory and Practice:

<https://www.elibrary.imf.org/view/IMF069/01345-9789221136996/01345-9789221136996/01345-9789221136996.xml?language=en&redirect=true>

Imputation

Imputed CPI values take an "I" flag and Forecasted CPI values take an "F" flag. 19.3 % of Food CPI and 8.0% of General CPI are imputed, 0.9% of Food CPI and 0.9% of General CPI are forecasted.

Geographic and time coverage

Time coverage

| Start | End |
|---------|---------|
| 2001-01 | 2025-06 |

Economies

| Name | Code |
|---------------|------|
| Afghanistan | AFG |
| Aland Islands | ALA |
| Albania | ALB |

| | |
|------------------------|-----|
| Algeria | DZA |
| Andorra | AND |
| Angola | AGO |
| Anguilla | AIA |
| Antigua and Barbuda | ATG |
| Argentina | ARG |
| Armenia | ARM |
| Aruba | ABW |
| Australia | AUS |
| Austria | AUT |
| Azerbaijan | AZE |
| Bahamas, The | BHS |
| Bahrain | BHR |
| Bangladesh | BGD |
| Barbados | BRB |
| Belarus | BLR |
| Belgium | BEL |
| Belize | BLZ |
| Benin | BEN |
| Bermuda | BMU |
| Bhutan | BTN |
| Bolivia | BOL |
| Bosnia and Herzegovina | BIH |
| Botswana | BWA |
| Brazil | BRA |
| British Virgin Islands | VGB |
| Brunei Darussalam | BRN |
| Bulgaria | BGR |
| Burkina Faso | BFA |
| Burundi | BDI |
| Cabo Verde | CPV |
| Cambodia | KHM |
| Cameroon | CMR |
| Canada | CAN |
| Cayman Islands | CYM |
| Chad | TCD |
| Chile | CHL |
| Hong Kong SAR, China | HKG |
| Macao SAR, China | MAC |
| China | CHN |
| Colombia | COL |
| Comoros | COM |

| | |
|--------------------|-----|
| Congo, Rep. | COG |
| Cook Islands | COK |
| Costa Rica | CRI |
| Côte d'Ivoire | CIV |
| Croatia | HRV |
| Curaçao | CUW |
| Cyprus | CYP |
| Czechia | CZE |
| Congo, Dem. Rep. | COD |
| Denmark | DNK |
| Djibouti | DJI |
| Dominica | DMA |
| Dominican Republic | DOM |
| Ecuador | ECU |
| Egypt, Arab Rep. | EGY |
| El Salvador | SLV |
| Equatorial Guinea | GNQ |
| Estonia | EST |
| Eswatini | SWZ |
| Ethiopia | ETH |
| Fiji | FJI |
| Finland | FIN |
| France | FRA |
| French Guiana | GUF |
| French Polynesia | PYF |
| Gabon | GAB |
| Gambia, The | GMB |
| Georgia | GEO |
| Germany | DEU |
| Ghana | GHA |
| Greece | GRC |
| Greenland | GRL |
| Grenada | GRD |
| Guadeloupe | GLP |
| Guam | GUM |
| Guatemala | GTM |
| Guinea | GIN |
| Guinea-Bissau | GNB |
| Haiti | HTI |
| Honduras | HND |
| Hungary | HUN |
| Iceland | ISL |

| | |
|-----------------------|-----|
| India | IND |
| Indonesia | IDN |
| Iran, Islamic Rep. | IRN |
| Iraq | IRQ |
| Ireland | IRL |
| Israel | ISR |
| Italy | ITA |
| Jamaica | JAM |
| Japan | JPN |
| Jordan | JOR |
| Kazakhstan | KAZ |
| Kenya | KEN |
| Kiribati | KIR |
| Kuwait | KWT |
| Kyrgyz Republic | KGZ |
| Lao PDR | LAO |
| Latvia | LVA |
| Lebanon | LBN |
| Lesotho | LSO |
| Liberia | LBR |
| Libya | LBY |
| Lithuania | LTU |
| Luxembourg | LUX |
| Madagascar | MDG |
| Malawi | MWI |
| Malaysia | MYS |
| Maldives | MDV |
| Mali | MLI |
| Malta | MLT |
| Martinique | MTQ |
| Mauritania | MRT |
| Mauritius | MUS |
| Mexico | MEX |
| Micronesia, Fed. Sts. | FSM |
| Mongolia | MNG |
| Montenegro | MNE |
| Montserrat | MSR |
| Morocco | MAR |
| Mozambique | MOZ |
| Myanmar | MMR |
| Namibia | NAM |
| Nepal | NPL |

| | |
|--------------------------------|-----|
| Netherlands | NLD |
| New Caledonia | NCL |
| New Zealand | NZL |
| Nicaragua | NIC |
| Niger | NER |
| Nigeria | NGA |
| North Macedonia | MKD |
| Norway | NOR |
| Oman | OMN |
| Pakistan | PAK |
| Palau | PLW |
| West Bank and Gaza | PSE |
| Panama | PAN |
| Papua New Guinea | PNG |
| Paraguay | PRY |
| Peru | PER |
| Philippines | PHL |
| Poland | POL |
| Portugal | PRT |
| Puerto Rico | PRI |
| Qatar | QAT |
| Korea, Rep. | KOR |
| Moldova | MDA |
| Reunion | REU |
| Romania | ROU |
| Russian Federation | RUS |
| Rwanda | RWA |
| St. Kitts and Nevis | KNA |
| St. Lucia | LCA |
| St. Vincent and the Grenadines | VCT |
| Samoa | WSM |
| San Marino | SMR |
| São Tomé and Príncipe | STP |
| Saudi Arabia | SAU |
| Senegal | SEN |
| Serbia | SRB |
| Seychelles | SYC |
| Sierra Leone | SLE |
| Singapore | SGP |
| Slovak Republic | SVK |
| Slovenia | SVN |
| Solomon Islands | SLB |

| | |
|-----------------------------|-----|
| Federal Republic of Somalia | SOM |
| South Africa | ZAF |
| South Sudan | SSD |
| Spain | ESP |
| Sri Lanka | LKA |
| Sudan | SDN |
| Suriname | SUR |
| Sweden | SWE |
| Switzerland | CHE |
| Syrian Arab Republic | SYR |
| Tajikistan | TJK |
| Thailand | THA |
| Timor-Leste | TLS |
| Togo | TGO |
| Tonga | TON |
| Trinidad and Tobago | TTO |
| Tunisia | TUN |
| Türkiye | TUR |
| Uganda | UGA |
| Ukraine | UKR |
| United Arab Emirates | ARE |
| United Kingdom | GBR |
| Tanzania | TZA |
| United States | USA |
| Uruguay | URY |
| Uzbekistan | UZB |
| Vanuatu | VUT |
| Venezuela, RB | VEN |
| Vietnam | VNM |
| Yemen, Rep. | YEM |
| Zambia | ZMB |
| Zimbabwe | ZWE |

Geographic areas

| Name | Code | Type |
|---------------|------|---------------|
| World | WLD | Income Groups |
| North America | NAC | Region |
| South Asia | SAS | Region |

Access and use

License

| Name | URL |
|-----------|---|
| CC BY 4.0 | https://creativecommons.org/licenses/by/4.0/ |

Confidentiality status

PU

Sources and citation

Authoring entity

| Name | Abbreviation | URL |
|---|--------------|---|
| Food and Agriculture Organization of the United Nations | FAO | https://www.fao.org/faostat/en/#home |

Sources of data

Sources of data

Title

Consumer Price Indices (FAO)

Author (Organization)

Food and Agriculture Organization of the United Nations (FAO)

Electronic location or identifier

<http://www.fao.org>

Tags

Tags

| Tag | Tag group |
|-----------|----------------------------------|
| P1 | feature-theme-profile |
| Map | feature-theme-profile-chart |
| P1_000001 | feature-topic-profile |
| Map | feature-topic-profile-chart |
| FAO_CP | feature-dataset-profile |
| Map | feature-dataset-profile-chart |
| P1 | benchmark-country-profile-pillar |
| P1 | feature-country-profile-pillar |

Additional Fields

Visualization

Remove chart types

| Chart type |
|------------|
| pie |

stackedBar