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| Vietnam |
| **GDDS - DQAF View** |
| **Consumer price index** |

GDDSKey\_DQAF

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# H.Header data

# 0. Prerequisites

## 0.2 Resources

### 0.2.1 Staff, facilities, computing resources, and financing (Encouraged)

[Staff, facilities, computing resources, and financing for statistical programs currently available as well as what would be required for programmed statistical outputs.]

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| --- |
| Currently, the GSO has about 200 people directly involved in compilation of producer price index (PPI) data (excluding those who collect and process data related to PPI, including 14 of the Price Statistics Department; 200 of 63 Provincial Statistics Offices (1-4 each province). Most PPI staffs have university degrees or higher.  Computer resources: ensure 01 computer/staff on duty of PPI compilation. GSO’s internet and LAN networks have better served the data exchange and receiving from provincial to central level. The PPI compilation is done by a specialized software program.  Facilities and other sources: offices, lightings, phones and other facilities are fully equipped.  Regular budget for the calculation of PPI (salaries, allowances, utilities, stationery ...) is granted by the State. |

# 2. Methodology

## 2.1 Concepts and definitions

### 2.1.1 Concepts and definitions (Required)

[Degree to which the overall structure of concepts and definitions follows internationally accepted standards, guidelines, or good practices.]

|  |
| --- |
| The consumer price index (CPI) is a relative indicator measuring the trend and level of change in prices over time of a fixed number of goods and services which are represented for end consumption to serve normal lives of the people. |

## 2.2 Scope

### 2.2.1 Scope (Required)

#### 2.2.1.1 Scope of the data

[Scope of the data.]

|  |
| --- |
| CPI measures the change in real prices of goods and services purchased by consumers.  Consumer prices are the retail prices of goods and services on the market (including value added tax - VAT) for daily life. Consumer prices do not include prices of illegal goods such as drugs, black market goods; land prices; prices of goods sold for production.  CPI does not take into account products produced by households for consumption, rent prices of the landlords themselves and financial services.  The CPI covers 63 provinces, and 6 regions and the whole country. |

#### 2.2.1.2 Exceptions to coverage

[Exceptions to coverage.]

|  |
| --- |
| Prices of illegal goods such as drugs, black market goods; land prices; prices of goods sold for production. The CPI does not take into account products produced by households for consumption, rents of homeowners themselves and financial services. |

#### 2.2.1.3 Unrecorded activity

[Unrecorded activity.]

|  |
| --- |
| CPI excludes quoted prices, promotion prices or nominal prices (unreal).CPI calculation excludes goods produced by households for their own consumption, imputed rent for owner-occupied dwellings and financial services. |

## 2.3 Classification/sectorization

### 2.3.1 Classification/sectorization (Required as relevant to data category)

[Broad consistency of classification/sectorization systems used with internationally accepted standards, guidelines, or good practices.]

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| --- |
| The system used to classify and aggregate the CPI is the Vietnam CPI classification. This classification is based on country needs, but takes into account details from other countries.  List of items will represent those of the whole country, base on that, each province develops its own representing items of which qualification and standards are specified in order to ensure the accuracy of the data collected monthly. The items selected represent those take the largest share in the group, with the highest consumption, which are likely to be available for a long time, and of which the prices have dominant effect on the prices of other goods of the same kind. CPI is classified by groups from level 4 to level 1 and the aggregate. |

## 2.4 Basis for recording

### 2.4.1 Valuation (Required as relevant to data category)

[Types of prices (market, historical, administrative, basic, purchasers’, producer, etc.) used to value flows and stocks.]

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| --- |
| Provincial enumerators are obligated to directly collect prices in the outlets, when conducting the survey, special attentions should be paid for the following issues:  - The survey collected prices at due time, in right outlets, and of properly items;  - Changes in quality of goods, the weight of packaging should be carefully checked and detected;  - Provincial Statistics Offices shall regularly inspect, evaluate and supervise the actual investigation of enumerators. |

### 2.4.2 Recording basis (Required as relevant to data category)

[Degree to which recording meets requirements for accrual accounting.]

|  |
| --- |
| Collecting retail price of goods and services in the market (including Value-added Tax). |

### 2.4.3 Grossing/netting procedures (Encouraged)

[Broad consistency of grossing/netting procedures with internationally accepted standards, guidelines, or good practices.]

|  |
| --- |
|  |

# 3. Accuracy and reliability

## 3.1 Source data

### 3.1.1 Source data collection programs (Required)

[Comprehensiveness of source data from administrative and survey data collection programs, and appropriateness of the collection modality for country-specific conditions.]

|  |
| --- |
| The number of outlets from which prices are collected is based on the relative population of each province. The outlets can be shops or markets where the items are available and are those with the largest turnover.  The pricesare collected 3 times a month. Each PSO uses the Laspeyers formula to calculate the CPI by taking a Geometric Laspeyres of all the groups from level 4 to the aggregate. The weights used in calculating CPI is derived from the Vietnam Household Living Standard Survey (VHLSS) and CPI weights survey.  Each PSO calculates and publishes the CPI for its own region. Reports are sent to the General Statistics Office (GSO) on the 23th of the reference month. The GSO then derives national price indices for each group and aggregate using the general weights of the whole country. Currently, base year of CPI series is 2019. Prices are collected from both urban and rural areas.  Prices for seasonal items are obtained by extrapolating from the price of the item on the same group level 4. If an item ceases to be not available, the GSO selects a replacement item. If the prices for an item were not available in the same period, the group index is used to estimate the price of the item.  The enumerators are instructed to collect actual purchaser prices from buyers, but some prices may be those quoted by sellers. Prices for some centrally controlled services, such as electricity, are collected from provinces. |

### 3.1.2 Source data definitions, scope, sectorization, classifications, valuation, and time of recording (Encouraged)

[Degree to which source data approximate definitions, scope, sectorization, classifications, valuation, and time of recording required (as described in 2.1.1-2.4.3).]

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| --- |
| Prices are collected in 3 times on reference month |

### 3.1.3 Source data timeliness (Encouraged)

[Source data timeliness relative to what is required for producing statistical outputs whose timeliness meets applicable data standard (SDDS requirements or GDDS recommendations).]

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| --- |
| The timeliness of source data is specified in survey plan and periodical statistical report system. |

## 3.2 Assessment of source data

### 3.2.1 Source data assessment (Encouraged)

[Routine assessment of source data—including censuses, sample surveys, and administrative records (e.g., for coverage, sample error, response error, and nonsampling error); whether assessment results are monitored; how results are used to guide statistical processes.]

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## 3.3 Statistical techniques

### 3.3.1 Source data statistical techniques (Required as relevant to data category)

[Statistical techniques in data compilation to deal with data sources (e.g., to align them with target concepts from 2.1.1).]

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### 3.3.2 Other statistical procedures (Required as relevant to data category)

[Statistical techniques employed in other statistical procedures (e.g., data adjustments and transformations, and statistical analysis).]

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| To produce the index between reporting month and the base year, the monthly price indices for each item are calculated. These indices are then used to record price movements over the same month of the previous year and the previous month of the current year. The CPI is calculated by Laspeyres formula. These basic indices are aggregated using the fixed expenditure weights. Thus the CPI is a Laspeyres type index. The data provided by PSOs are used to make comparison.  From July, 2020, GSO's Consumer Price Index (CPI) have been reviewed the CPI basket and the CPI weights with based year 2019. Accordingly, the GSO has excluded items that less representative and added some new items in the CPI basket. This basket includes 754 items that are classified into 11 groups I; 32 groups II, 86 groups III and 266 groups IV. Gold and US dollar exchange alone are separately calculated for gold price index and US dollar exchange rate index. The CPI weight has calculated from result of GSO’s 2018 Living Standard Survey and GSO's 2018 CPI weights survey.  The CPI with new basket and new weights have disseminated from August 2020.  After being published, the CPI is never revised. |

## 3.4 Data validation

### 3.4.1 Validation of intermediate results (Encouraged)

[Assessment and investigation of statistical discrepancies in intermediate data.]

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### 3.4.2 Assessment of intermediate data (Encouraged)

[Assessment and investigation of statistical discrepancies in intermediate data.]

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### 3.4.3 Assessment of discrepancies and other problems in statistical outputs (Encouraged)

[Investigation of statistical discrepancies and other potential indicators of problems in statistical outputs.]

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## 3.5 Revision studies

### 3.5.1 Revision studies and analyses (Encouraged)

[Periodicity with which studies and analyses of revisions and/or updates are carried out; whether and how they are used internally to inform statistical processes (see also 4.3.3).]

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| --- |
| After being published, the CPI never revised. |

# 4. Serviceability

## 4.1 Periodicity and timeliness

### 4.1.1 Periodicity (Required)

[Periodicity of statistical outputs relative to applicable dissemination standard (SDDS requirement or GDDS recommendation).]

|  |
| --- |
| Monthly. |

### 4.1.2 Timeliness (Required)

[Timeliness of statistical outputs relative to applicable dissemination standard (SDDS requirement or GDDS recommendation).]

|  |
| --- |
| The index is published on the 6th day of the month following the reporting month. |

## 4.2 Consistency

### 4.2.1 Internal consistency (Required as relevant to data category)

[Consistency of statistics within the dataset.]

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| --- |
| The CPI at provincial, regional and national levels are calculate in an uniform aggregation, with same base year. |

### 4.2.2 Temporal consistency (Encouraged)

[Consistency or reconcilability of statistics over a reasonable period of time.]

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| --- |
|  |

### 4.2.3 Intersectoral and cross-domain consistency (Encouraged)

[Consistency or reconcilability of statistics with those obtained through other data sources and/or statistical frameworks.]

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| --- |
|  |

## 4.3 Revision

### 4.3.1 Revision and/or update schedule (Required)

[Transparency and regularity of revision/update schedule.]

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| --- |
|  |

### 4.3.2 Identification of preliminary and/or revised/updated data (Required)

[Identification of preliminary and/or revised/updated data.]

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|  |

### 4.3.3 Dissemination of revision studies and analyses (Encouraged)

[Dissemination of revision studies and analyses (see also 3.5.1).]

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# 5. Accessibility

## 5.1 Data

### 5.1.1 Statistical presentation (Required)

[Statistics are presented in a way that facilitates proper interpretation and meaningful comparisons (layout and clarity of text, tables, and charts).]

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| --- |
|  |

### 5.1.2 Dissemination media and format (Required)

#### 5.1.2.1 Hard copy - New release

[Hard copy - New release.]

|  |
| --- |
| GSO’s bulletin, in Vietnamese. |

#### 5.1.2.2 Hard copy - Weekly bulletin

[Hard copy - Weekly bulletin.]

|  |
| --- |
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#### 5.1.2.3 Hard copy - Monthly Bulletin

[Hard copy - Monthly Bulletin.]

|  |
| --- |
| “Today’s Price Index” in Vietnamese and English.  “Monthly Report on Socio-economic Situation GSO” in Vietnamese. |

#### 5.1.2.4 Hard copy - Quarterly bulletin

[Hard copy - Quarterly bulletin.]

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#### 5.1.2.5 Hard copy - Other

[Hard copy - Other.]

|  |
| --- |
| GSO Statistics Yearbook in Vietnamese and English. |

#### 5.1.2.6 Electronic - On-line bulletin or data

[Electronic - On-line bulletin or data.]

|  |
| --- |
| GSO Website: [www.gso.gov.vn](http://www.gso.gov.vn/) |

#### 5.1.2.7 Electronic - Other

[Electronic - Other.]

|  |
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|  |

### 5.1.5 Dissemination on request (Encouraged)

[Dissemination on request of unpublished but non-confidential statistics.]

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| --- |
|  |

## 5.2 Metadata

### 5.2.1 Dissemination of documentation on concepts, scope, classifications, basis of recording, data sources, and statistical techniques (Required)

[Dissemination of documentation on concepts, scope, classifications, basis of recording, data sources, and statistical techniques, including annotation of differences from internationally accepted standards, guidelines.]

|  |
| --- |
| Documents on the methodology for compiling the CPI are available to the PSO. |

# 9. Plans

## 9.1 Recent

### 9.1.1 Plans for improvement - Recent improvements

[Plans for improvement - Recent improvements.]

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| --- |
|  |

## 9.2 General

### 9.2.1 Plans for improvement - Short-term

[Plans for improvement - Short-term.]

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| --- |
| We are going to review the CPI basket and the CPI weights with based year 2024 |

### 9.2.2 Plans for improvement - Medium-term

[Plans for improvement - Medium-term.]

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| --- |
| Changing base year 2019=100 to 2024=100  Compiling “Survey design and statistical report on consumer price index” for the period 2025-2030 |

## 9.3 Financial

### 9.3.1 Plans for improvement - TA/financing needs - Short-term

[Plans for improvement - TA/financing needs - Short-term.]

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|  |

### 9.3.2 Plans for improvement - TA/financing needs - Medium-term

[Plans for improvement - TA/financing needs - Medium-term.]

|  |
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# Contact Person(s):

[Please provide information below as relevant]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Contact 1** | | | | |
| *Prefix/First Name/Last Name:* | Ms. | Oanh | | Nguyen Thu |
| *Title:* | Director | | | |
| *Division:* |  | | | |
| *Department:* | Price Statistics Department | | | |
| *Agency:* |  | | | |
| *Address1:* | 54 Nguyen Chi Thanh Street Dong Da District | | | |
| *Address2:* |  | | | |
| *City/State:* |  | | | Hanoi |
| *Postal Code:* |  | | | |
| *Phone: Country Code /Number* | +84 | (24) 37046666 ext 2288 |  | |
| *Fax: Country Code/Number* |  |  |  | |
| *Email:* | ntoanh@gso.gov.vn | | | |
| **Contact 2** | | | | |
| *Prefix/First Name/Last Name:* | Ms. | Viet | | Ta Thi Thu |
| *Title:* | Deputy director | | | |
| *Division:* |  | | | |
| *Department:* | Price Statistics Department | | | |
| *Agency:* |  | | | |
| *Address1:* | 54 Nguyen Chi Thanh Street Dong Da District | | | |
| *Address2:* |  | | | |
| *City/State:* |  | | | Hanoi |
| *Postal Code:* |  | | | |
| *Phone: Country Code /Number* | +84 | (24) 37046666 ext  1808 |  | |
| *Fax: Country Code /Number* |  |  |  | |
| *Email:* | tttviet@gso.gov.vn | | | |
| **Contact 3** | | | | |
| *Prefix/First Name/Last Name:* |  |  | |  |
| *Title:* |  | | | |
| *Division:* |  | | | |
| *Department:* |  | | | |
| *Agency:* |  | | | |
| *Address1:* |  | | | |
| *Address2:* |  | | | |
| *City/State:* |  | | |  |
| *Postal Code:* |  | | | |
| *Phone: Country Code/Number* |  |  |  | |
| *Fax: Country Code/Number* |  |  |  | |
| *Email:* |  | | | |
| **Contact 4** | | | | |
| *Prefix/First Name/Last Name:* |  |  | |  |
| *Title:* |  | | | |
| *Division:* |  | | | |
| *Department:* |  | | | |
| *Agency:* |  | | | |
| *Address1:* |  | | | |
| *Address2:* |  | | | |
| *City/State:* |  | | |  |
| *Postal Code:* |  | | | |
| *Phone: Country Code/ Number* |  |  |  | |
| *Fax: Country Code/ Number* |  |  |  | |
| *Email:* |  | | | |
| **Contact 5** | | | | |
| *Prefix/First Name/Last Name:* |  |  | |  |
| *Title:* |  | | | |
| *Division:* |  | | | |
| *Department:* |  | | | |
| *Agency:* |  | | | |
| *Address1:* |  | | | |
| *Address2:* |  | | | |
| *City/State:* |  | | |  |
| *Postal Code:* |  | | | |
| *Phone: Country Code/ Number* |  |  |  | |
| *Fax: Country Code/ Number* |  |  |  | |
| *Email:* |  | | | |
| **Contact 6** | | | | |
| *Prefix/First Name/Last Name:* |  |  | |  |
| *Title:* |  | | | |
| *Division:* |  | | | |
| *Department:* |  | | | |
| *Agency:* |  | | | |
| *Address1:* |  | | | |
| *Address2:* |  | | | |
| *City/State:* |  | | |  |
| *Postal Code:* |  | | | |
| *Phone: Country Code /Number* |  |  |  | |
| *Fax: Country Code /Number* |  |  |  | |
| *Email:* |  | | | |

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[IX. Contact Person(s): 14](#_Toc3891597)