

M E T A D A T A

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1. BASIC INFORMATION	
1.1. Data Name	Wholesale Price Index (WPI)
1.2. Status Update	July 2024
1.3. Regulatory/Legal Basis	<ul style="list-style-type: none">• Bank Indonesia (BI) is the central bank based on The Law Number 23 of 1999 on Bank Indonesia as amended by Law Number 3 of 2004, as amended several times, most recently by Law of the Republic of Indonesia Number 4 Of 2023 on Developing and Strengthening of the Financial Sector (UU P2SK).• Under prevailing BI regulations, quality statistics are required to support policymaking at Bank Indonesia towards realising the vision, missions, and strategies of Bank Indonesia.• In accordance with the Public Information Disclosure Act, all public information is open and accessible to all Public Information Users.• In the context of managing and providing Public Information, Bank Indonesia as a Public Institution – Non-Ministerial Government Agency (LN-LPNK) provides statistics that are available to the public.
1.4. Data Confidentiality	<ul style="list-style-type: none">• Bank Indonesia must maintain the confidentiality of data sources and individual data (survey results), as stipulated in the Bank Indonesia Act (No. 23) 1999.

- Bank Indonesia presents aggregate data that are open to the public. As a public institution, Bank Indonesia is committed to managing and maintaining public information disclosure in accordance with the Public Information Disclosure Act and other prevailing regulations.

1.5. Quality Management

- Bank Indonesia conducts periodic reviews to identify the measures necessary to maintain quality standards as required.
- Bank Indonesia publishes an Advance Release Calendar (ARC) as a management tool to control the timeliness of the statistics published.

2. PRESENTATION OF STATISTICS

2.1. Data Description

The Wholesale Price Index (WPI) is a figure that describes the price changes at the wholesale level of commodities traded in a region (country or province).

2.2. Concepts, Definitions, and Scope of the Data

Concepts and Definitions

The wholesale price of a commodity is a transaction price between the first wholesaler (who buy directly from the manufacturer) and the next wholesaler or retailer

Wholesaler means not retail.

The first wholesaler is a major trader after the producer.

The first market is where the first wholesaler meet the following wholesalers (non-consumers); in other words, it is a market after the producers' market.

Scope of the Data

Since January 2020, BPS - Statistics Indonesia has changed the base year for calculating the Wholesale Price Index (WPI) from the base year (2010=100) to the base year (2018=100).

The WPI commodity package (2018=100) was based on the WPI Weighing Chart Compilation Survey (WCCS), which produced 687 commodities with 312 new selected commodities and 58 commodities are no longer used. Referring to the concept of international standards, the coverage of WPI (2018 = 100) includes the Agriculture Sector, Mining and Quarrying Sector, and Industrial Sector.

WPI for the Export and Import group is currently refining its methodology by referring to international standards: the Manual of Export and Import Price Index (XMPI) and the Manual of International Trade Price Index (ITPI). Therefore, WPI International Trade (export-import) is presented under the name International Trade Price Index (IHPI). IHPI calculation (2010 = 100) is based on the monitoring of commodity price developments in export and import activities.

2.3. Units of Measurement

Units: Data stated as an Index

Currency: -

2.4. Reference Period

Monthly.

3. SOURCE OF THE DATA

Source/Provider of the Data

BPS-Statistics Indonesia

4. METHODOLOGY

WPI monthly based on the results of wholesale price survey in 34 provinces in Indonesia.

The sampling method is purposive, considering that the complete and updated list of wholesalers as a sample frame is not available yet. Therefore, the substitution of the sample is purposive as well.

The data collection is conducted by direct interview with the wholesaler.

Starting in January 2020, the WPI index is calculated using 2018 as the base year (2018=100).

Compilation Practices are:

Percentage change in WPI is calculated as follows:

- The percentage of monthly WPI changes (month-to-month/m-t-m) is calculated by this formula:

$$\text{Monthly WPI (m-t-m)} = \left(\frac{I_n}{I_{(n-1)}} - 1 \right) \times 100$$

Whereas:

I_n : WPI month n

$I_{(n-1)}$: WPI month (n-1)

- The percentage for changes of WPI for the t calendar year is calculated using point-to-point method based on December of year t-1' WPI (year to date/y-t-d) using the following formula:

$$\text{WPI year-to-date (y-t-d)} = \left(\frac{I_{nt}}{I_{\text{Des}(t-1)}} - 1 \right) \times 100$$

Whereas :

I_{tn} : WPI in month n of year t

$I_{\text{Des}(t-1)}$: WPI in December of year (t-1)

- The percentage change in WPI on an annual basis (year on year/yoy) in the n^{th} month is calculated using the point-to-point method on the basis of the WPI for the same month in the previous year (t-1), with the formula:

$$\text{WPI year-on-year (y-o-y)} = \left(\frac{I_{nt}}{I_{n(t-1)}} - 1 \right) \times 100$$

Whereas:

I_{tn} : WPI in month n of year t

$I_{n(t-1)}$: WPI in month n of year (t-1)

The change of base year in WPI calculation is conducted periodically (once every 5 to 10 years), such as in 1983, 1993, 2000, 2005, 2010, and 2018.

- From January 2020 to the present, WPI is calculated using 2018 as the base year (2018=100).
- From November 2013 to December 2019, WPI was calculated using 2010 as the base year (2010=100).
- From January 2009 to October 2013, WPI was calculated using 2005 as the base year (2005=100).
- From January 2002 to December 2008, WPI was calculated using 2000 as the base year (2000=100).

Statistics department does not reprocess WPI data

5. DISSEMINATION

5.1. Dissemination Frequency

Monthly

5.2. Timeliness

- Week 1 after end of reporting period (web publications)
- Week 2 after end of reporting period (print media)

5.3. Dissemination Policy

The Advance Release Calendar (ARC) is published each December before the upcoming year.

5.4. Consistency

Validation and coordination with relevant parties are conducted periodically to achieve data consistency.

5.5. Data Revision

- Data are final upon initial publication.
- Changes to the methodology are announced when new methodology data is published for the first time.

5.6. Dissemination Format

The data are presented in Excel and PDF formats.

5.7. Documentation Accessibility

- Data are accessible via the official Bank Indonesia website (<https://www.bi.go.id>).

The same data are also accessible via:

- BPS-Statistics Indonesia Website (<https://www.bps.go.id/>)
- SDDS/IMF Website (<https://www.bi.go.id/id/statistik/sdds/Default.aspx>)