

M E T A D A T A

BASIC INFORMATION		
1	Data Category	: Wholesale Price Index (WPI)
2	Statistics Disseminator	: Statistics Department, Bank Indonesia
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DATA DEFINITION		
<p>Wholesale Price Index (WPI) is an indicator that displays amount of price changes on level of major trading price/wholesale price of traded commodities in certain country /region. The commodities are domestic products marketed in the country or exported and imported commodities.</p> <p>Wholesale price of a commodity is transaction price that takes place between the first major trader / seller and the next major trader/seller in a huge quantity on the first (opening) market.</p> <p>Huge quantity/amount or wholesale means not retail.</p> <p>First trader is a major trader after the producer.</p> <p>The first market is the place where first major traders meet the next major traders (non-consumer), on the other words it is a market after the producers market.</p>		
DATA COVERAGE		
<p>Coverage:</p> <p>Starting January 2020, Statistics Indonesia changed the base year for calculating the Wholesale Price Index (WPI) from the base year (2010=100) to the base year (2018=100).</p> <p>The determination of the WPI commodity package (2018=100) was carried out based on The Weight Diagram Survey, which produced 687 commodities with 312 new commodities selected and 58 missing commodities. The coverage of WPI (2018=100) includes the Agriculture Sector, Mining and Excavation Sector, and the Industrial Sector.</p> <p>Specifically for the Export and Import WPI group, currently in the process of improving the methodology by referring to international standards: <i>The Manual of Export and Import Price Index (XMPI)</i> and <i>The Manual of International Trade Price Index (ITPI)</i>. Therefore, currently WPI International Trade (export-import) is presented under the name <i>International Trade Price Index (IHPI)</i>. IHPI calculation (2010=100) is based on monitoring the development of commodity prices in export and import activities.</p>		

Unit: Data disseminated as indices (index). Currency: -
PERIODICITY OF PUBLICATION
Monthly
TIMELINESS
Week I (one) after the end of the reference month (website). Week II (two) after the end of the reference month (CD and printed matter).
ADVANCE RELEASE CALENDAR (ARC)
ARC (attached) will be disclosed every year by December.
SOURCE OF DATA
Statistics Indonesia - Wholesale Price Monthly Survey
METHODOLOGY
<p>Wholesale price data is collected monthly from 34 provinces</p> <p>The sampling method is purposive, with consideration that since a complete list of traders is still unaccountable as a sample framework, resulting once in a while, a respondent alternate purposively. Survey is conducted by direct interview to the major traders/producers.</p> <p>Starting in January 2020, WPI is calculated using 2018 as a base year (2018=100). Compilation Practices are:</p> <ol style="list-style-type: none"> 1. The percentage for changes of WPI calculated as follows: <ul style="list-style-type: none"> o The percentage of monthly WPI changes (month-to-month/m-t-m) is calculated by this formula: <div> $\text{Monthly WPI (m-t-m)} = \left(\frac{I_n}{I_{(n-1)}} - 1 \right) \times 100$ <p>Whereas: I_n : WPI month n $I_{(n-1)}$: WPI month (n-1)</p> </div> o 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:

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

Whereas :

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

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

- The percentage change in WPI on an annual basis (year on year/yoy) in the nth 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 1983, 1993, 2000, 2005, 2010 and 2018.

- As of January 2020 until now, WPI is calculated according to 2018 as a base year (2018=100);
- As of January 2009 through October 2013, WPI is calculated according to 2005 as a base year (2005=100);
- As of April 2006 through December 2008, WPI is calculated according to 2000 as a base year (2000=100);
- Prior to April 2006, WPI is calculated using 1993 as a base year (1993=100)

DATA INTEGRITY

The data are final when first disseminated.

Changes in methodology are noted along the data with the new methodology published for the first time.

PUBLIC ACCESS TO DATA

Data are disseminated on:

- <http://www.bi.go.id/>
- Indonesian Financial Statistics (Statistik Ekonomi dan Keuangan Indonesia /SEKI) Publication (CD and printed matter).

Data can also be acquired from:

- Statistics Indonesia's Website: <http://dds.bps.go.id/>
- Indonesia's National Summary Data Page (SDDS Website): <http://www.bi.go.id/sdds/>