



APES WEEK 2019

ASIA-PACIFIC ECONOMIC STATISTICS WEEK

Integrating economic statistics in monitoring the 2030 Agenda

Enhancement of Changes in Inventories Estimation

Key Issues of the Paper

1. Inventories play several roles in the economy and it related to inclusive economic growth (goal 8) of Sustainable Development Goals (SDGs).
2. From the expenditure approach of Gross Domestic Product (GDP), changes in inventories is a component of gross capital formation that has volatile movement.
3. Changes in inventories values often revised and being a balancing component in the national accounts data compilation. This treatment causes volatility on the estimation.
4. It is necessary to improve the quality of inventories data compilation.

Main Findings/Results

1. There are several limitations that carried out in current condition. It comes from data sources, coverage, and calculation process.
2. One of the improvement process is expanding data sources. The data sources is covering almost all institutional sectors.
3. The other improvement is increasing the efficiency of the supporting data acquisition. Crawling system is developed to collect news related to inventories from online media.
4. The forward effort that can be done is improving data sources, prioritized for administrative data. It can be carried out by entering into agreements with relevant ministries.

Conclusion

1. The improvement in changes in inventories data compilation expected to provide a more reliable estimation in a more efficient way. It produces initial data to be reconciled in the 2016 SUT framework and the following years.
2. The forward effort that should be carried out is expanding data sources, particularly for administrative data. The data can be obtained by making agreements with relevant ministries and institutions that provide it.
3. The result of the study should be improved with consecutive research in related topic particularly in estimating quarterly changes in inventories data.