Development of Economic Statistics in Japan

Makoto Shimizu
Director-General
Statistical Research and Training Institute
Ministry of Internal Affairs and Communications
Japan

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Progress of Economic Statistics

- Most statistics in the Core Set have been arranged and disseminated.
- Their qualities are advanced following the Second Master Plan Concerning the Development of Official Statistics from FY2014 to FY2018.
- The Master Plan was formulated as a Cabinet Decision based on significant changes in socio-economic situation, including the beginning of full-scale population decline, economic policies aimed at ending deflation, and institutional changes by deregulation.
- In the Master Plan, each ministry shall also make efforts for international contributions.
Roles of Organizations

Statistics Commission
MIC
check
review

Director-General for Policy Planning on Statistical Standards
MIC
compile
decide
promote

Ministries
act
report

Flow Chart of the Master Plan Concerning the Development of Official Statistics

Once in Five Years

Every Year

Changes to 2008 SNA in December 2016

Current Standard

GDP

Investment Export-Import Consumption Intermediate Consumption R&D

New Standard

GDP

Investment Export-Import Consumption Intermediate Consumption R&D
Roles of the Business Register

Economic Census → Business Register → Other Censuses → Sample Surveys → Administrative Data

Business Register → New Statistics → Survey Frame

Next Economic Census → Next Other Censuses → Next Sample Surveys

Review of Unemployment Rate

Unemployment Rate is released monthly from 1947, of which seek employment period will be changed from the last one week to the last four weeks or one month from 2020 after referential release for two years.

Those rates will be released quarterly from 2018.

Unemployment Rate (LU1) → numerator/denominator

LU2 → numerator/denominator

LU3 → numerator/denominator

LU4 → numerator/denominator

Employment → Unemployment → Not in Labor Force

time-related underemployment → potential labour force
Other Challenges in the Master Plan Related to the Core Set

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<thead>
<tr>
<th>Item</th>
<th>Policies</th>
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<tr>
<td>GDP (production) nominal and real</td>
<td>Quarterly estimations using three approaches, namely the expenditure, production and income approaches, shall be developed with the aim of releasing preliminary reports of preliminary estimations as a reference series for the time being.</td>
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<td>Productivity</td>
<td>Consideration shall be made on the development of basic information for the purpose of comprehending labor productivity and the total factor productivity index.</td>
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<td>Government</td>
<td>Necessary measures shall be considered for making the data concerning general government operations, general government gross debt, financial soundness indicators, etc. quarterly.</td>
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<td>Natural resources</td>
<td>In production of the 2011 Input-Output Tables for environmental analysis, consideration shall be made on ways to solve issues such as how to comprehend the input amounts by section, etc. Systematic development of statistics about energy shall be performed.</td>
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Toward Development of High Quality Official Statistics

1. Enhancing accuracy of statistics by using statistical methodologies such as developing population information, uprising response ratio and imputation
2. Producing and disseminating statistics and indicators useful for evaluation of business conditions
3. Accumulating and opening meta data further
4. Development of the system beyond boundaries of organizations
5. Considering the use of new data sources including administrative data and big data