Implementation of integrated economic statistics principles in the Russian statistical practice
Plan of Presentation

- Macroeconomic statistics as a basis for economic statistics integration
- Supporting conformity of data on micro and macro-levels: example of enterprise statistics
- Implementation of common and corresponding classifications
- Integration of data from different sources
- Statistical register as common base for conduction of statistical surveys
National Accounts as a basis for integration of economic statistics

indicators
- income
- personnel, wages
- investment vol.
- turnover
- price indices

domains
- businesses
- labor
- investments
- trade
- prices and finances

SNA

Macroeconomic statistics
# Implementation of SNA in Russia

<table>
<thead>
<tr>
<th>ACCOUNTS, TABLES, INDICATORS</th>
<th>Annual</th>
<th>Quarter</th>
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</thead>
<tbody>
<tr>
<td></td>
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<tr>
<td><strong>Goods and services account</strong></td>
<td>+</td>
<td>+</td>
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<tr>
<td><strong>Production account</strong></td>
<td>+</td>
<td>+</td>
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<tr>
<td><strong>Generation of income account</strong></td>
<td>+</td>
<td>+</td>
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<tr>
<td><strong>Primary distribution of income account</strong></td>
<td>+</td>
<td>+</td>
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<tr>
<td><strong>Secondary distribution of income account</strong></td>
<td>+</td>
<td>+</td>
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<tr>
<td><strong>Use of disposable income account</strong></td>
<td>+</td>
<td>+</td>
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<tr>
<td><strong>Use of adjusted disposable income account</strong></td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td><strong>Operations with capital account</strong></td>
<td>+</td>
<td>+</td>
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<tr>
<td><strong>Revaluation account</strong></td>
<td>-</td>
<td>-</td>
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<tr>
<td><strong>Other changes in assets account</strong></td>
<td>-</td>
<td>-</td>
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<tr>
<td><strong>Financial account</strong></td>
<td>-</td>
<td>-</td>
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<td><strong>Balance sheet account</strong></td>
<td>-</td>
<td>-</td>
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<tr>
<td><strong>GDP by three methods in current and constant prices</strong></td>
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- **Available now**
- **Planned to be developed before 2017**
- **Planned to be developed after 2017**
Main aims of 2-level integrated system

- Improvement of information base used for regional accounts
- Automation of labor-intensive operations
- Minimization of time and works for coordination of data from different sources
- More effective management of the process
Software complex for production of harmonized data on production, labor and capital on micro and macro levels

Sources of information
- Statistical questionnaires
- Data from Business Register
- Data from accounts

Processing
- Programming tool for production of harmonized data on production, labor and capital

Applied results
- Estimations for sectors
- SNA
- Calculation of analytical indicators

Aggregated harmonized resource of primary data
- Creation of data formats applicable for national accounts
Coherence of data on micro- and macro-levels

- Standardized units for statistical surveys
- Common classifications for identifying homogeneous groups
- Integrated statistical indicators and methodology
Main features of business statistics

- integrated questionnaires for statistical observation
- differential approach to survey categories of enterprises by size
- standard statistical unit
- structural survey - basis for business data integration
<table>
<thead>
<tr>
<th>Survey Type</th>
<th>Target Audience</th>
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<tr>
<td>Current observation on</td>
<td>large and medium-sized enterprises</td>
</tr>
<tr>
<td>integrated forms</td>
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<tr>
<td>Annual structural survey</td>
<td>large and medium-sized enterprises</td>
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<tr>
<td>Quinquennial census</td>
<td>small and medium-sized entrepreneurs</td>
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<td>Sample surveys</td>
<td>small enterprises</td>
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## Development of Russian economic and social classifications

<table>
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<th>Russian Classification</th>
<th>Currently Harmonized with</th>
<th>Plans for Actualization</th>
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<tr>
<td>Russian Classification of Economic Activities (OKVED Rev. 1.1)</td>
<td>NACE Rev. 1.1</td>
<td>NACE Rev.2 (ISIC rev.4) 2014 - 2015</td>
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<tr>
<td>Commodity Nomenclature of Foreign Economic Activities</td>
<td>HS-2007</td>
<td>HS-2012 2012</td>
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<td>Classification of Individual Consumption by Purpose</td>
<td>COICOP-93</td>
<td>Harmonized with SNA 2008 2013 - 2014</td>
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<tr>
<td>Classification of Institutional Units by Sectors</td>
<td>CIS - 93</td>
<td>Harmonized with SNA 2008 2014</td>
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<tr>
<td>All-Russian Classification of Occupations</td>
<td>ISCO - 88</td>
<td>ISCO-2008 2014</td>
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</table>
Integration of data from different sources

- use of administrative data is legally fixed
- development of close cooperation with other authorities
- coordination of interagency exchange
- Unified interagency information statistical system
Interagency information exchange
(example of SNA)

Central Bank
- Balance of payments
- accounts of bank institutions
- data on FISIM
- financial account

Rosstat
- NA

Ministry of Finance
- Treasury
  - Federal budget, government finances
  - Tax Authority
  - access to personal data

Customs Service
- export and import data

Pension Fund
- access to data

Ministry of Health
- Labor Authority
  - access to data

Ministry of Natural Resources
- Estimation of National Resources for the Balance

Ministry of Agriculture
- ...
Elements of integration in Business Register

- unified classification and identification terms for units
- Register data system for coordination of official data producers
- profiling of groups
Thanks for your attention!