

Table 1. The 2008 SNA Implementation Plan Components

This document contains a 2008 SNA implementation table that includes the main stages and components to be taken into account in the implementation plan.

The implementation table includes the following main stages and milestones:

The main stages and milestones of the implementation plan

| | |
|-----------------|---|
| STAGE 1: | Review of national or regional statistical strategic papers to include there the 2008 SNA implementation |
| STAGE 2: | Review of work needed to support implementation of the 2008 SNA |
| STAGE 3: | Development of National Accounts and changeover to the 2008 |
| | Milestone 1. Basic indicators of GDP |
| | Milestone 2. GNI and other primary indicators |
| | Milestone 3. Institutional sector accounts: first step |
| | Milestone 4. Institutional sector accounts: intermediate step 1 |
| | Milestone 5. Institutional sector accounts: intermediate step 2 |
| | Milestone 6. Institutional sector accounts: final step |

The table aims to help countries in the development of an implementation plan. Stage 3 includes all milestones for the full implementation of the 2008 SNA. However, not all Milestones may be reflected in the implementation plan in the short or medium term, depending on the current development of the national accounts.

The table was presented to the participants during the workshop on Implementation of the 2008 SNA in Kiev (29 Nov-2 Dec, 2011). As a result of discussion the participants have agreed to complete the tables based on information on implementation plans of the 2008 SNA in their countries (after necessary discussions within the statistical office as well as with other producers of economic statistics in the country) and to sent the tables to UNECE by mid-February 2012.

UNECE will use the completed tables from countries for planning of further activities to support the implementation of the 2008 SNA.

Table 1. The 2008 SNA Implementation Plan Components - Country KAZAKHSTAN

| | | Status ¹ | Activities and problems | Need for TA, training, guidelines | Planned timeframe |
|---|--|---|---|---|-----------------------------------|
| 1 | STAGE 1 - Review of national or regional statistical strategic papers to include there the 2008 SNA implementation | | | | |
| a | Identification of main outstanding issues with SNA 1993. | | | | |
| | <p>The following accounts and balances are not compiled:</p> <ul style="list-style-type: none"> ◆ Other changes in assets account ◆ Assets revaluation account ◆ Balance sheets ◆ Matrix accounts for analysing social processes ◆ Supplementary accounts on integrated Environmental-economic accounts | <p>In a process of experimental calculations with current information</p> | <p><u>Actions:</u></p> <ul style="list-style-type: none"> ◆ To study the methodology of compilation of accounts and balances ◆ To analyse current informational sources on coverage and reliability for SNA aims ◆ To develop requirements on necessary data presentation from state agencies, branch and structural statistics, in case of insufficiency and incompleteness ◆ Development of working tables and carrying out experimental calculations ◆ Implementation of calculations into the practice | <ul style="list-style-type: none"> ◆ Technical assistance is needed from those countries which compile the mentioned accumulation accounts and balance sheets as well as other components of central structure of the SNA. | <p>During 2013-2014 and later</p> |
| b | Understanding the main changes in 2008 SNA compared to SNA 1993 and their importance for the country. | | | | |
| | <p>CISSTAT has developed «Overview of revised 1993 SNA (the SNA 2008) and recommendations for phased implementation into the statistics of CIS countries». The document was presented at the meeting of CIS experts in SNA issues on 3-5 December 2008 in Moscow. According to this Overview the changes in the SNA 2008 are divided into the following groups:</p> <ul style="list-style-type: none"> ◆ changes, affecting the size, structure and volume of GDP; ◆ changes affecting other indicators of main accounts compiled by CIS countries; ◆ changes in indicators of accounts that are not compiled by CIS countries; ◆ changes which are not relevant for the CIS countries because these phenomena are not widely spread in the region; ◆ changes in terminology, definitions and classifications. <p>Taking this into account the Agency for Statistics of the Republic of Kazakhstan currently is implementing those changes in the SNA 2008, which affect the size, structure and volume of the GDP.</p> | <p>The following methodologies were developed:</p> <ul style="list-style-type: none"> ◆ Central bank output compilation methods ◆ Financial services compilation methods ◆ Insurance services compilation methods ◆ Financial intermediation output compilation methods | <p>Task force on methodological issues in national accounts and financial sector statistics was created in 2011, which includes the experts from state agencies (National Bank, Agency for Regulation and Supervision of Financial Market and Financial Institutions, Ministry of Finance, Ministry of Economic development and trade) and NGOs (Association of financiers of Kazakhstan, Association of banks of Kazakhstan). During the work the issues of current compilation of indicators of financial sector were discussed and methodological approaches of the 2008 SNA were presented.</p> | <ul style="list-style-type: none"> ◆ CISSTAT has developed «Recommendations for compilation of output and use indicators of financial intermediation services, indirectly measured, according to the SNA 2008 methodology» and sent to CIS countries at the end of 2010. It was used to develop the Financial intermediation output compilation methods. | <p>2011</p> |
| | | <p>Development of the following methodologies is planned:</p> <ul style="list-style-type: none"> ◆ Output of services of pension funds compilation methods ◆ Methods for compilation of GVA in financial activities at constant prices | <p><u>Actions:</u></p> <ul style="list-style-type: none"> ◆ To study the SNA 2008 methodology ◆ To create the Task Force on the methodology of national accounts statistics with participation of interested state bodies ◆ To discuss the problematic methodological issues within the Task Force: as compilation of institutional unit output in financial | <ul style="list-style-type: none"> ◆ Recommendations of experts in international organisations are needed ◆ There is a need for cooperation within bilateral agreements between statistical offices ◆ Need for translation of guidelines of international organisations into Russian | <p>2012</p> |

¹ Not available yet, discussed, planned, on-going, finished, etc.

| | | Status ¹ | Activities and problems | Need for TA, training, guidelines | Planned timeframe |
|---|--|--|---|---|-------------------|
| | | | corporations sector and indicators for accumulation accounts according to changeover to the SNA 2008 | | |
| | | Development of the following methodologies is planned: ♦ Housing rent estimation methods ♦ Methods for estimation market and non-market output by industries ♦ Methods for estimation of output for own consumption use | <u>Actions:</u> ♦ To study the SNA 2008 methodology ♦ To create the Task Force on the methodology of national accounts statistics with participation of interested state bodies ♦ To discuss the problematic methodological issues within the Task Force: as calculation of indicators according to the SNA 2008 | ♦ Recommendations of experts in international organisations are needed ♦ There is a need for cooperation within bilateral agreements between statistical offices ♦ Need for translation of guidelines of international organisations into Russian | 2013 |
| | | Development of the following methodologies is planned: ♦ R&D activity compilation methods ♦ Military expenditure compilation methods | <u>Actions:</u> ♦ To study the SNA 2008 methodology ♦ To create the Task Force on the methodology of national accounts statistics with participation of interested state bodies ♦ To discuss the problematic methodological issues within the Task Force: as calculation of indicators according to the SNA 2008 | ♦ Recommendations of experts in international organisations are needed ♦ There is a need for cooperation within bilateral agreements between statistical offices ♦ Need for translation of guidelines of international organisations into Russian | 2014 |
| | | Development of the following methodologies is planned: ♦ Informal sector compilation methods | <u>Actions:</u> ♦ To study the SNA 2008 methodology ♦ To create the Task Force on the methodology of national accounts statistics with participation of interested state bodies ♦ To discuss the problematic methodological issues within the Task Force: as calculation of indicators according to the SNA 2008 | ♦ Recommendations of experts in international organisations are needed ♦ There is a need for cooperation within bilateral agreements between statistical offices ♦ Need for translation of guidelines of international organisations into Russian | 2014 |
| c | Identification of the main institutions involved in collecting and producing relevant data for the SNA and establishment of institutional agreements for 2008 SNA implementation | | | | |
| | Identification of state bodies, included into unified statistical system of the country | In the process of understanding the need for cooperation | <u>Actions:</u> ♦ To have an agreement on cooperation within the Task Force on implementation of new indicators and improvement of existing ones | ♦ Coordination of cooperation is needed by Premier Minister's Office of the Republic of Kazakhstan | Continuously |
| d | Prioritization for 2008 SNA, based on user needs and resources. | | | | |
| | Identification of statistical information user needs | In the process of implementation in the framework of the Strategic Plan of the Agency on Statistics | <u>Actions:</u> ♦ To activate the work of Interagency Council on state statistics ♦ Identification of statistical information user needs | ♦ Training for users of statistical information is needed | Continuously |
| e | Inclusion of the implementation of the 2008 SNA in the overall strategic plan of the statistical office | | | | |

| | | Status ¹ | Activities and problems | Need for TA, training, guidelines | Planned timeframe |
|---|--|--|---|--|-------------------|
| | Implementation of works, mentioned in point b, is included in Strategic Plan of Agency on Statistics of the Republic of Kazakhstan for 2011-2015 | In the process of implementation in the framework of the Strategic Plan of the Agency on Statistics | <u>Actions:</u> ♦ To have meetings of Task Forces by branches of statistics ♦ Discussion of problematic issues with the management of the Agency on statistics | ♦ Understanding and assistance from management is needed during the process of inclusion of priorities for SNA 2008 into the Strategic and Operational plans of the Agency on statistics, taking into account existing human resources | 2011-2015 |
| f | Adoption of detailed implementation plan for 2008 SNA in short, medium and/or long-term period. | | | | |
| | Plan of joint actions on implementation of priorities in the development of the SNA for 2010-2012 was developed in 2010. Plan for implementation of the SNA 2008 for 2011-2014 was developed in 2011 to replace the mentioned one. | In the process of implementation of the instructions from the management of the Agency on Statistics | <u>Problems:</u> ♦ Lack of sufficient qualified staff to implement the plans ♦ Lack of understanding of importance of the SNA implementation by state bodies as well as by branch statistics <u>Actions:</u> ♦ Need to solve the problems, related to insufficient informational database to reach the SNA aims ♦ Need for actions on improvement and optimisation in the statistical system | ♦ Need to study experience of well organised national statistical system ♦ Need to follow recommendations of statistical divisions in international organisations (UN, UNECE, IMF, World Bank and others) ♦ Need for cooperation with other state bodies in the statistical system ♦ Need for introduction of modern software and data collection, processing, storage, transmission and data editing systems | In next 5-7 years |
| 2 | STAGE 2 - Review of work needed to support implementation of the 2008 SNA | | | | |
| a | Adoption of new classifications and other improvements in business registers and business statistics | | | | |
| | Development, introduction and updating of classifications, required for the SNA 2008 implementation | In a process of planning | <u>Actions:</u> ♦ Development of classifications required for the SNA implementation | ♦ There is a need for consultation with international experts in organising the work of business registers, according SNA requirements ♦ There is a need for consultation with international experts in creation of business statistics, according SNA requirements | 2012 |
| b | Changes in business statistics surveys and questionnaires to collect the necessary source data | | | | |
| | To analyse existing statistical data sources and identification of necessity of changes into statistical surveys and questionnaires | In a process of planning | <u>Actions:</u> ♦ Development of requirements for branch and structural statistics to present data according the format which is needed by SNA | ♦ There is a need for assistance by the experts from international organisations and national statistical services to determine whether the informational flows are in compliance with SNA requirements | 2012-2014 |
| c | Adaptation of administrative data sources to new requirements | | | | |
| | To analyse existing administrative data sources and identification of necessity of changes into statistical surveys and questionnaires | In a process of planning | <u>Actions:</u> ♦ Development of requirements for the administrative data sources to present data according the format which is needed by SNA | ♦ There is a need for assistance by the experts from international organisations and national statistical services to determine whether the informational flows are in compliance with SNA requirements | 2012-2014 |
| d | IT and other changes | | | | |
| | The use of modern IT for statistical purposes | In a process of planning and development | <u>Actions:</u> ♦ Further improvement of IT for statistical purposes in the frame of «e-statistics» project | ♦ Training on use of modern IT for the staff of the Agency on statistics | Continuously |

| | | Status ¹ | Activities and problems | Need for TA, training, guidelines | Planned timeframe |
|---|--|--|---|--|----------------------------|
| 3 | STAGE 3 - Development of National Accounts and changeover to the 2008 SNA | | | | |
| a | Milestone 1. Basic indicators of GDP | | | | |
| | Data categories | | | | |
| | Outstanding issues from SNA 1993 | | | | |
| | i. Compilation of Other changes in the volume of assets account | In a stage of experimental calculations using existing information | <u>Actions:</u> ♦ To study the methodology of account compilation ♦ To analyse existing data sources for the compilation of the account ♦ Preparation of working tables and experimental calculations ♦ Implementation of compilations into practice | ♦ There is a need for technical assistance by countries already compiling the mentioned accounts | During 2013-2014 and later |
| | ii. Compilation of Revaluation account | In a stage of experimental calculations using existing information | <u>Actions:</u> ♦ To study the methodology of account compilation ♦ To analyse existing data sources for the compilation of the account ♦ Preparation of working tables and experimental calculations ♦ Implementation of compilations into practice | ♦ There is a need for technical assistance by countries already compiling the mentioned accounts | During 2013-2014 and later |
| | iii. Compilation of Balance sheets | In a stage of experimental calculations using existing information | <u>Actions:</u> ♦ To study the methodology of the balance sheet compilation ♦ To analyse existing data sources for the compilation of the balance sheets ♦ Preparation of working tables and experimental calculations ♦ Implementation of compilations into practice | ♦ There is a need for technical assistance by countries already compiling balance sheets | During 2013-2014 and later |
| | iv. Compilation of Social accounting matrices (SAM) | In a stage of experimental calculations using existing information | <u>Actions:</u> ♦ To study the methodology of SAM compilation ♦ To analyse existing data sources for the compilation of the SAM ♦ Preparation of working tables and experimental calculations ♦ Implementation of compilations into practice | ♦ There is a need for technical assistance by countries already compiling the mentioned matrices | During 2013-2014 and later |
| | v. Compilation of supplementary system of integrated Economic-Environmental accounts | In a stage of experimental calculations using existing information | <u>Actions:</u> ♦ To study the methodology of account compilation ♦ To analyse existing data sources for the compilation of the account ♦ Preparation of working tables and experimental calculations ♦ Implementation of compilations into practice | ♦ There is a need for technical assistance by countries already compiling the mentioned accounts | During 2013-2014 and later |

| | | Status ¹ | Activities and problems | Need for TA, training, guidelines | Planned timeframe |
|--|---|---|--|--|-------------------|
| | New issues arising from the 2008 SNA² | | | | |
| | vi. Calculation of output of pension funds services | In a process of study and preparation for experimental calculations | <i>Actions:</i> ♦ To study the 2008 SNA methodology ♦ To discuss with the Task Force members the problematic methodological issues of calculation of indicators, according to changeover to the 2008 SNA | ♦ Need for recommendations by experts in international organisations ♦ Need for technical assistance by international organisations | 2012 |
| | vii. Estimating Housing rent (owner-occupied dwellings ??) | In a process of study and preparation for experimental calculations | <i>Actions:</i> ♦ To study the 2008 SNA methodology ♦ To discuss with the Task Force members the problematic methodological issues of calculation of indicators, according to changeover to the 2008 SNA | ♦ Need for recommendations by experts in international organisations ♦ Need for technical assistance by international organisations | 2013 |
| | viii. Calculation of market and non-market output by industries | In a process of study and preparation for experimental calculations | <i>Actions:</i> ♦ To study the 2008 SNA methodology ♦ To discuss with the Task Force members the problematic methodological issues of calculation of indicators, according to changeover to the 2008 SNA | ♦ Need for recommendations by experts in international organisations ♦ Need for technical assistance by international organisations | 2013 |
| | ix. Estimation of R&D expenditure | In a process of study and preparation for experimental calculations | <i>Actions:</i> ♦ To study the 2008 SNA methodology ♦ To discuss with the Task Force members the problematic methodological issues of calculation of indicators, according to changeover to the 2008 SNA | ♦ Need for recommendations by experts in international organisations ♦ Need for technical assistance by international organisations | 2014 |
| | x. Estimation of Military expenditure | In a process of study and preparation for experimental calculations | <i>Actions:</i> ♦ To study the 2008 SNA methodology ♦ To discuss with the Task Force members the problematic methodological issues of calculation of indicators, according to changeover to the 2008 SNA | ♦ Need for recommendations by experts in international organisations ♦ Need for technical assistance by international organisations | 2014 |
| | xi. Improvement in Informal sector estimations | In a process of study and preparation for experimental calculations | <i>Actions:</i> ♦ To study the 2008 SNA methodology ♦ To discuss with the Task Force members the problematic | ♦ Need for recommendations by experts in international organisations ♦ Need for technical assistance by international organisations | 2014 |

² See details on new 2008 SNA elements affecting GDP in Table 3 of Report of the Intersecretariat Working Group on National Accounts (<http://unstats.un.org/unsd/statcom/doc11/2011-6-NationalAccounts-E.pdf>). The priorities may be decided by each country depending on issues like resources, data sources and level of influence on GDP.

| | | Status ¹ | Activities and problems | Need for TA, training, guidelines | Planned timeframe |
|----------|---|---|---|---|-------------------|
| | | | methodological issues of calculation of indicators, according to changeover to the 2008 SNA | | |
| b | Milestone 2. GNI and other primary indicators | | | | |
| | Data categories | | | | |
| | For rest of the world – external accounts of primary income and current transfers, capital and financial accounts (BPM 6) | | | | |
| | Refinement of the calculation methodology for indicators of the rest of the world accounts | At the stage of planning with the National Bank | <u>Actions:</u> ♦ To study the 2008 SNA methodology ♦ Harmonisation of 2008 SNA and BPM 6 | ♦ Need for recommendations by experts in international organisations ♦ Need for further cooperation with National Bank at the meetings of Task Force | |
| c | Milestone 3. Institutional sector accounts: first step | | | | |
| | Data categories | | | | |
| | For all institutional sectors – Production account | | | | |
| | Refinement of the calculation methodology for indicators of production account by institutional sectors and economic activities | At the implementation stage within the framework of Plan of 2008 SNA implementation for 2011-2014 | <u>Actions:</u> ♦ To study the SNA 2008 methodology ♦ To compile indicators in the accounts according to SNA 2008 methodology | ♦ Need for recommendations by experts in international organisations ♦ Need for further cooperation with National Bank, Ministry of Finance and Ministry of Economic development and trade at the meetings of Task Force | Continuously |
| | For general government – Generation of income, Allocation of primary income, Secondary distribution of income, Use of disposable income, Capital and Financial accounts | | | | |
| | Refinement of the calculation methodology for indicators of the generation of income account, allocation of primary income, the secondary distribution of income, use of disposable income, the capital and the financial accounts by institutional sectors | At the implementation stage within the framework of Plan of 2008 SNA implementation for 2011-2014 | <u>Actions:</u> ♦ To study the SNA 2008 methodology ♦ To compile indicators in the accounts according to SNA 2008 methodology | ♦ Need for recommendations by experts in international organisations ♦ Need for further cooperation with National Bank, Ministry of Finance and Ministry of Economic development and trade at the meetings of Task Force | Continuously |
| d | Milestone 4. Institutional sector accounts: intermediate step 1 | | | | |
| | Data categories | | | | |
| | For all institutional sectors – Generation of income, Allocation of primary income, Secondary distribution of income, Use of disposable income, Capital accounts | | | | |
| | Refinement of the calculation methodology for indicators of the generation of income account, allocation of primary income, the secondary distribution of income, use of disposable income and capital accounts by institutional sectors | At the implementation stage within the framework of Plan of 2008 SNA implementation for 2011-2014 | <u>Actions:</u> ♦ To study the SNA 2008 methodology ♦ To compile indicators in the accounts according to SNA 2008 methodology | ♦ Need for recommendations by experts in international organisations ♦ Need for further cooperation with National Bank, Ministry of Finance and Ministry of Economic development and trade at the meetings of Task Force | Continuously |
| e | Milestone 5. Institutional sector accounts: intermediate step 2 | | | | |
| | Data categories | | | | |
| | For all institutional sectors – Financial account | | | | |
| | Refinement of the calculation methodology for indicators of the financial account by | At the implementation stage within the framework of Plan of 2008 SNA | <u>Actions:</u> ♦ To study the SNA 2008 | ♦ Need for recommendations by experts in international | Continuously |

| | | Status ¹ | Activities and problems | Need for TA, training, guidelines | Planned timeframe |
|---|---|---|---|--|-------------------|
| | institutional sectors | implementation for 2011-2014 | methodology ♦ To compile indicators in the accounts according to SNA 2008 methodology | organisations ♦ Need for further cooperation with National Bank, Ministry of Finance and Ministry of Economic development and trade at the meetings of Task Force | |
| f | Milestone 6. Institutional sector accounts: final step | | | | |
| | Data categories | | | | |
| | For all institutional sectors – Other changes in assets account, Balance sheets | | | | |
| | Development of actions for compilation of indicators of other changes in assets and balance sheets by institutional sectors | At the stage of experimental calculations within the framework of Plan of 2008 SNA implementation for 2011-2014 | <u>Actions:</u> ♦ To study the SNA 2008 methodology ♦ To compile indicators in the accounts according to SNA 2008 methodology | ♦ Need for recommendations by experts in international organisations ♦ Need for further cooperation with National Bank, Ministry of Finance, Ministry of Economic development and trade and other relevant agencies at the meetings of Task Force | Continuously |