

**Table 1. The 2008 SNA Implementation Plan Components – Country Republic of Armenia**

	Status 2012 <sup>1</sup>	Main problems and planned activities 2012	Progress made since 2012	Outstanding problems and future activities	Need for TA, training, guidelines	Planned timeframe
<b>STAGE 1</b> - Review of national or regional statistical strategic papers to include there the 2008 SNA implementation						
Identification of and consultation with the main stakeholders for the 2008 SNA implementation. Institutional agreements.	On-going	<p>- There is an "agreement" between the Central Bank and the NSS for the exchange of statistical data, workshops are being conducted on improving calculations related to the central bank, insurance companies and FISIM.</p> <p>- It is planned to establish a working group on methodological issues of national accounts statistics with representatives of the NSS, Ministry of Finance, Central Bank and other official agencies.</p> <p>- Achieving coordination and agreement between agencies that keep administrative registers such as the Central Bank, Ministry of Finance, tax authorities and other ministries.</p>	In the process of establishing working groups on methodological issues of national accounts statistics, public finance and monetary statistics with representatives of the NSS RA, Ministry of Finance and the Central Bank.	Lack of resources and time because of the heavy workload.	For the 2008 SNA implementation, there is a need of technical assistance and training seminars for NSS employees in 2008 SNA as well as for CB employees in providing financial services flows and stock levels for System of National Accounts and for employees of the Ministry of Finance.	2014 - 2015
Prioritization for 2008 SNA, based on user needs and resources.	On-going, for example work is underway to shorten the compilation and dissemination period of quarterly GDP data (60 days after the reporting	Bring to the attention of SNA data users the expected changes in the 2008 SNA. Constant consideration of the needs of users in the development of three-year and annual state statistical work programs. Timely publication of GDP data in current and constant prices, revision of time series.	<p>Starting from 1st quarter of 2012 the time used for compilation and dissemination of quarterly production-based GDP data, has been reduced (60th day after the reporting quarter).</p> <p>With the assistance of international experts, policies and timetable for the revision of GDP data have been developed and implemented, and included in the annual state statistical work program and published on the official website of the NSS RA: <a href="http://www.armstat.am/file/Timetable/T">http://www.armstat.am/file/Timetable/T</a></p>		For the 2008 SNA implementation there is a need of technical assistance from international organizations, as well as assistance from the Government of RA.	2014-2015

<sup>1</sup> Not available yet, discussed, planned, on-going, finished, etc.

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	quarter)		<p><a href="#">imetable% 202014-ru.pdf</a>.</p> <p>NSS announced the transition to the new SNA 2008 methodology for users of national accounts data in Armenia with a special press release "On the implementation of the System of National Accounts 2008 (2008 SNA) in the National Accounts of Armenia" and the theme publication "National Accounts of Armenia in 2013", which provides a brief methodological description of expected changes in the NA. These materials are also available on the NSS RA website:  <a href="http://www.armstat.am/en/?nid=345">http://www.armstat.am/en/?nid=345</a>  <a href="http://www.armstat.am/en/?nid=53&amp;offset=1">http://www.armstat.am/en/?nid=53&amp;offset=1</a></p> <p>As part of the on-going EU / Twinning program project "Support to Armenian statistics through Twinning", quality declarations were developed for national accounts of Armenia and they has been posted on the official website of the NSS RA under "Documentation", which have a link to the database ArmStatBank.am:  <a href="http://www.armstat.am/en/?nid=401">http://www.armstat.am/en/?nid=401</a></p>			
Inclusion of the implementation of the 2008 SNA in the overall strategic plan of the statistical office		The three-year state statistical work program of RA for 2010-2012 includes work on 2008 SNA implementation, which will also be included in the next three-year program.	The three-year state statistical work program for 2013-2015 includes work on the 2008 SNA implementation.	Lack of financial and human resources.	For the realization of work there is a need of assistance from international organizations.	2014-2015

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Adoption of detailed action plan for 2008 SNA.	Scheduled	From 2010 to 2015 medium-term three-year programs include work on the 2008 SNA, but a detailed work will be included in the annual state statistical work programs after the adoption of the 2008 SNA implementation plan.	Concrete detailed work will be included in the annual state statistical work programs from 2015.	Lack of financial and human resources.		2014-2015
<b>STAGE 2</b> - Review of work needed to support implementation of the 2008 SNA						
Adoption of new classifications and other improvements in business registers and business statistics	On-going	Since 2010 NACE-2 has been used in business register and business statistics, and since 2012 in the national accounts statistics. Work is also underway to introduce NACE-2 in Central Bank and tax authorities.	In 2013 RA Government approved new classifications of economic activities (NACE-2), products by economic activity (CPA), individual consumption by purpose (COICOP). Approved classifications are subject to mandatory application by ministries, agencies and organizations that carry out activities associated with collection, processing, compilation and exchange of statistical information. All of the above classifications are available on the official website of NSS RA: <a href="http://www.armstat.am/en/?nid=38">http://www.armstat.am/en/?nid=38</a>		No need	
Changes in business statistics surveys and questionnaires to collect the necessary source data	On-going	As part of the on-going EU / Twining program project "Support to Armenian statistics through Twining", business statistics questionnaires are being updated to collect the data needed.	According to the results of "Business Statistics" component of the Twining project, burden on respondents decreased by 20%.			
Changes in other related source statistics compiled by the statistical office						

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Review of related macroeconomic data sets compiled outside the statistical office (e.g. BoP, GFS, MFS)	Under study	CB of RA undergoing implementation of the BPM-6	Revised historical series of balance of payments since 1997 in accordance with BPM-6.	New GFS and MFS guidelines are subject to implementation.	Need of technical assistance from international organizations.	2014-2015 and beyond
Adaptation of administrative data sources to new requirements	On-going	Need for identification of administrative data sources in order to implement new requirements of the 2008 SNA.	Work is underway to harmonize reporting forms received through administrative procedure (e.g. data on government budget, financial intermediation, activities of insurance organizations) with the requirements of the 2008 SNA.		Need of technical assistance from international organizations	2014-2015
IT and other changes. Staff resources.	On-going	- The three-year state statistical work program for 2010-2012 includes implementation of SNA software package. - In the near future, introduction of a new program for seasonal adjustment.	Since 2013 seasonal adjustment of quarterly GDP data has been performed using "Demetra +" software.	Need for further financial and human resources.	Need of technical assistance for acquisition of equipment and software.	2014-2015
<b>STAGE 3 -</b> Development of National Accounts and changeover to the 2008 SNA						
<b>Main priorities for SNA implementation</b>						
Outstanding issues from 1993 SNA:  i. Financial Accounts	In process of experimental calculations of some elements of the financial account	Lack of human and financial resources, need for a one-time surveys to complete and update the database of national accounts and other areas of statistics.		Lack of human and financial resources, need for a one-time surveys to complete and update the database of national accounts and other areas of statistics.	Technical assistance, workshops, expert assistance and organization of study visits with the involvement of representatives of the ministry of finance, central bank and other official agencies.	2014-2015
ii. Balance Sheets		Lack of human and financial resources, need for a one-time surveys to complete and update the database of national accounts and other areas of statistics.		Lack of human and financial resources, need for a one-time surveys to complete and update the database of national accounts and other areas	Technical assistance, workshops, expert assistance and organization of study visits with the	2014-2015

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				of statistics.	involvement of representatives of the ministry of finance, central bank and other official agencies.	
iii. Input Output Tables	In process of experimental calculations of the supply and use table using available information	Lack of human and financial resources, the need for a one-time surveys to replenish and update the database of national accounts.		Lack of human and financial resources, need for a one-time surveys to complete and update the database of national accounts and other areas of statistics.	The need for technical assistance for the one-time surveys and training of specialists.	2014-2015 and beyond
iv. Satellite accounts	In process of experimental calculations using the available information	Lack of human and financial resources, the need for a one-time surveys to replenish and update the database.		Lack of human and financial resources, need for a one-time surveys to complete and update the database of national accounts and other areas of statistics.	The need for technical assistance for the one-time surveys and training of specialists.	2014-2015 and beyond
v. To be implemented:  - Improvement of the FISIM calculation - Revision of quarterly GDP data series in constant prices - Estimate of imputed rental of owner-occupied dwellings at market prices - Improving determination of consumption of fixed costs	On-going	Development of methodology and analysis of data sources	During 2014 the FISIM calculations will be carried out according to the improved methodology and the subsequent changes in the accounts will be considered during the implementation of the 2008 SNA.  Quarterly GDP data series at constant 2008 prices are available for years 2009 – 2012. If possible, previous years will be revised as well.  User cost approach proposed by OECD experts has been studied and implemented.  A revision of the questionnaire on fixed assets (stocks and flows) is on-going to conform to the requirements and classification of the 2008 SNA.			2014-2015 and beyond
New issues arising from the 2008 SNA:  - Introduction of NACE-2 in national	Under study	Translation of information materials about major changes in the 2008 SNA, organisation of presentations for users of national accounts data on			Training and ensuring appropriate wage levels.	2014-2015

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accounts - Others in the process of studying		expected changes and discussion of these issues with representatives of the ministry of finance, central bank and other official agencies.				
<b>Main issues affecting GDP</b>						
i. Estimate of imputed rent of owner-occupied dwellings at market prices	Scheduled	- Studying SNA methodology concerned with this indicator - It is necessary to identify the range of missing data and conduct statistical surveys to collect the data for different categories of housing.	User cost approach proposed by OECD experts was studied and implemented. The range of missing data was identified. Using some estimates, given in the procedure, as well as data collected by the NSS from administrative and other sources, calculations were carried out for 2011 data and calculations are being carried out for 2012 data.		-	2014-2015
ii. Improved methods of evaluation of fixed capital and consumption of fixed capital	On-going	Studying methodology of evaluation of fixed assets and consumption of fixed capital according to the 2008 SNA.	A revision of the questionnaire on fixed assets (stocks and flows) is on-going to conform to the requirements and classification of the 2008 SNA.		Technical assistance and training of specialists by exchanging experience	2014-2015
iii. Improved calculation of FISIM	On-going	Workshops are conducted with experts from the CB on improvements in FISIM calculations in accordance with the 2008 SNA Methodology.	During 2014 the FISIM calculations will be carried out for years 2011 – 2013. If possible, previous years will be revised as well.		Training of CB and NSS specialists	2013-2015
iv. Introduction of NACE-2 in national accounts	On-going	Work is underway on transition of national accounts statistics from NACE-1.1 to NACE-2.	Classification has been used in the national accounts since 2012. GDP data, according to NACE-2, are available starting from 2008. In the future, previous years will be revised as well.		No need	2014-2015
v. Output of central bank services (market and non-market services)	Under study	Study of the 2008 SNA methodology regarding the calculation of this indicator, workshops together with employees of the central bank.	During 2014 the calculations on output of central bank services will be carried out for years 2011 – 2013. If possible, previous years will be revised as well.		Seminars for employees of NSS RA, ensuring the provision of methodological guidelines and organization of study visits with the	2014-2015

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					involvement of representatives of central bank.	
vi. Capitalization of state expenditure on defense	Under study	Study of the 2008 SNA methodology regarding the calculation of this indicator, workshops together with officials of the ministry of finance.	During 2014 the calculations on capitalization of state expenditure on defense will be carried out for years 2011 – 2013. If possible, previous years will be revised as well.		Seminars for employees of NSS, ensuring the provision of methodological guidelines and organization of study visits with the involvement of representatives of the ministry of finance.	2014-2015
vii. Recording R&D expenditure as gross capital formation	Under study	Study of the 2008 SNA methodology regarding the calculation of this indicator, workshops together with officials of the ministry of finance, introducing relevant changes to national accounts questionnaires to collect necessary data on R&D expenditure.		During 2014 the calculations on recording R&D expenditure to gross capital formation will be carried out for years 2011 – 2013. If possible, previous years will be revised as well.	Seminars for employees of NSS, ensuring the provision of methodological guidelines and organization of study visits with the involvement of representatives of the ministry of finance.	2014-2015
viii. FISIM calculations (distribution by institutional sectors of the economy; by production and consumption)	Under study	Study of the 2008 SNA methodology regarding the calculation of this indicator, workshops together with employees of the central bank.		During 2014 the calculations on distribution of FISIM by institutional sectors of the economy; by production and consumption will be carried out for years 2011 – 2013. If possible, previous years will be revised as well.	Seminars for employees of NSS RA, ensuring the provision of methodological guidelines and organization of study visits with the involvement of representatives of central bank.	2014-2015
<b>GNI and other primary indicators</b>						
For rest of the world – external accounts of primary income and current transfers, capital and financial accounts (BPM 6)	On-going	The study of BPM 6 methodology, changes in the NSS questionnaires on foreign investment, export and import of services, international tourism to collect the		During 2014 and 2015 on the rest of the world accounts – external account of primary income and current transfers and capital account will be	Technical assistance, workshops, providing methodological guidance and	2014-2015

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		necessary data.		revised taking into account the changes in the balance of payments in accordance with the BPM 6.	organization of study visits	
<b>Institutional sector accounts (non-financial accounts)</b>						
For all institutional sectors – Production to Capital accounts	Under study in light of changes in the 2008 SNA	Studying the methodology of the 2008 SNA	All non-financial accounts are compiled for all institutional sectors. We study the classification of institutional sector units of the economy.		Technical assistance, workshops, providing methodological guidance and organization of study visits	2014-2015 and beyond
<b>Institutional sector accounts: Financial account</b>						
For all institutional sectors – Financial account	In process of experimental calculations using the available information	- The three-year state statistical work program of RA for 2010-2012 covered conducting one-time surveys to collect information for financial account, but due to lack of financial resources, they have not been yet conducted. - To complete the account, the range of missing data must be determined.			Technical assistance, workshops, providing methodological guidance and organization of study visits	2012-2015 and beyond
<b>Institutional sector accounts: Balance sheets</b>						
For all institutional sectors – Other changes in assets account, Balance sheets	Under study in light of changes in the 2008 SNA	Studying the methodology of the 2008 SNA		Lack of human and financial resources, need for a one-time surveys to complete and update the database of national accounts and other areas of statistics	Technical assistance, workshops, providing methodological guidance and organization of study visits	