

## Quality declaration **ICT usage in households**

0 General information on statistical product		
0.1	Name	ICT usage in households
0.2	Subject area	Services
0.3	Responsible Authority, Office, Person, etc.	Ms. Lusine Markosyan Head Households Statistics Division Armstat 3 Government house, Republic Avenue Yerevan, 0010, Republic of Armenia Telephone: +374 11 524 326 E-mail: <a href="mailto:lusine_markosyan@armstat.am">lusine_markosyan@armstat.am</a> , <a href="mailto:info@armstat.am">info@armstat.am</a>
0.4	Purpose and History	<p>The Integrated Living Conditions Survey (ILCS) of households (HH) includes questions regarding the internet access and usage of internet among the households which allows describing the society based on knowledge.</p> <p>The purpose of the survey is to analyze the accessibility of the internet and usage, as well as to follow its development. The questions regarding the internet for the first time were included in the questionnaire of ILCS in 2004 and every year they were reviewed and improved aiming to reflect new trends and developments.</p> <p>The Integrated Living Conditions Survey which is being carried out every year by the Households Surveys Division of Armstat is internationally considered as an important tool for collection of data that describes the living conditions of the population and is based on international collaboration. Full and valuable information regarding the welfare of the households is being collected through the survey, which allows Armstat to provide up-to-date information to the government and public on annual basis regarding the changes in the living conditions of the population, including internet accessibility and usage. Armstat continuously makes efforts to improve these surveys in order to make it fully comparable with the results of similar surveys in the developed countries.</p>
0.5	Users and Application	The main users of the statistical information are the government and local self-government bodies, public,

		<p>scientific, educational, financial organizations, business society, mass media, international organizations, etc.</p> <p>The results of ILCS are primarily used to estimate consumption- based poverty rates in the country, as well as to provide other valuable information on households' living conditions by means of other indicators, including accessibility and usage.</p>
0.6	Information Sources	7872 households (HH) are surveyed annually (by directly visiting the households), an exhaustive database of country's private HH addresses is used for the sampling.
0.7	Legal Authority to Collect Data	The data are collected based on the Law on "Official Statistics" and "Five Year Statistical Program", as well as the Resolution No. 05-N of RA State Council on Statistics "On Approval of the Procedure for the collection of statistical data" dated 20 June 2016 and Resolution "On Approval of Annual Statistical Program". According to RA Government Decision No 1866 of November 28, 2002 the Armstat should conduct households' surveys periodically every year.
0.8	Response Burden (Primary information providers)	The response burden is not measured.
<b>1 Content</b>		
1.1	Description of content	<p>Armstat has not conducted a separate survey regarding the internet accessibility and usage.</p> <p>The information is collected only through ILCS of HH since 2004. The first question is related to existence of a computer in the household, then Internet accessibility and usage.</p> <p>Even if there is no computer in the household, the question is asked regarding the internet accessibility and usage at work places, educational premises, unpaid and paid centers or via cell phones.</p>
1.2	Statistical concepts	The survey methodology (group of indicators, definitions, classifications, information sources and calculation tools) is based on the World Bank methodology.

		<p>The measurement unit of the survey is the household.</p> <p>Household is considered to be a person or a group of persons, who usually live together, have joint household and joint budget.</p> <p>The households had been surveyed through the following questions: accessibility of internet, type of accessibility and location.</p> <p>The accessibility of personal computer and internet availability at home and in other locations is calculated in percentages based on households.</p>
<b>2 Time</b>		
2.1	Reference period	The survey is carried out during the year with monthly changes (rotation) of households and communities.
2.2	Date of publication	Data are published in the 4th quarter of the year following the survey.
2.3	Punctuality	Data are usually published according to the schedule of publications of annual programs and without any delay in relation to the scheduled date.
2.4	Frequency	Annual
<b>3 Accuracy</b>		
3.1	Overall Accuracy	The survey results are representative at the country level.
3.2	Sources of Inaccuracy	<p>The survey is carried out according to regional stratification, on the principle two-step sampling.</p> <p>The survey is carried out throughout the whole year on rotation basis. The unit of observation is HH. The size of monthly sample is 656 HH, and in 2010 the annual size of HH sample was 7872 HH. The response rate (participation) is about 92%. Each respondent may be included in the survey only once a year. The survey is carried out by direct visits to the HH.</p> <p>The survey results have some non-sampling errors, which are</p>

		<p>the result of the following:</p> <p>The address database which was formulated as a result of Population Census in 2001 and is updated every 10 years.</p> <p>The refusals of HH to take part in the survey.</p> <p>Incomplete answers, etc.</p> <p>The survey data is weighted and extrapolated to the general population.</p>
3.3	Measures on accuracy/ Measurability	See section 3.2
<b>4 Comparability</b>		
4.1	Comparability over Time	The survey questionnaire was subject to partial changes over the years.
4.2	Comparability with Other Statistics	Besides HH ILCS, there are no other sources of internet usage (accessibility) among the households. There is a need for conducting a separate one-time survey in the country with the subject “Internet usage (accessibility) among the households”.
4.3	Coherence between Provisional and Final Statistics	The indicators that are calculated based on HH ILCS may be subject to adjustments after the publication. The changes of the published data are accompanied with explanatory notes.
<b>5 Accessibility</b>		
5.1	Forms of Dissemination	<p><b>Publications</b></p> <p><b>Annual publications</b></p> <p>“Social Snapshot and Poverty in Armenia” Statistical Analytical Report (Armenian and English)</p> <p><b>Databases</b></p> <p><a href="http://armstatbank.am/pxweb/hy/ArmStatBank/?rxid=602c2fcf-531f-4ed9-b9ad-42a1c546a1b6">http://armstatbank.am/pxweb/hy/ArmStatBank/?rxid=602c2fcf-531f-4ed9-b9ad-42a1c546a1b6</a></p>

		<p><b>Internet</b></p> <p>Electronic publications are available in Armenian and English at: <a href="https://www.armstat.am/en/?nid=82">https://www.armstat.am/en/?nid=82</a></p>
5.2	Basic material: Storage and Usability	The database of HH ILCS contains individual anonymous data, which is maintained and archived in accordance with relevant procedures.
5.3	Documentation	Documentation on definitions, data sources and methodology is available on Armstat official website under “Social snapshot and poverty in Armenia” Statistical Analytical Report at <a href="https://www.armstat.am/en/?nid=82">https://www.armstat.am/en/?nid=82</a>
5.4	Other information	Information is available under the General Statistical Business-Process Model at <a href="https://www.armstat.am/en/?nid=672">https://www.armstat.am/en/?nid=672</a> .
<b>6 Supplementary documentation</b>		
		No supplementary documentation is available.