

Quality declaration Life Expectancy

0.General Information on Statistical Products		
0.1	Title	Life Expectancy
0.2	Subject Area	Population
0.3	Responsible Authority, Office, Person, etc.	<p>Mrs. Karine Kuyumjyan Head Population Census and Demography Division Armstat 3 Government House, Republic Avenue, Yerevan, 0010 Phone: +374 11 524 528 Email: karine@armstat.am, info@armstat.am</p>
0.4	Purpose and History	<p>The main aim is to provide users with annual information on the life expectancy both for male and female (by age groups, by territorial-administrative distribution (c. Yerevan, marzes, rural, urban).</p> <p>The calculation of indicators has a long history and has been maintained since the beginning of the 20th century.</p> <p>It has been regularly improved throughout the years t ensures the comparability with international classifications composition of indicators and other standards.</p>
0.5	Users and Application	<p>The main users of the statistical information are the state government and local self-government bodies, public, scientific-educational, financial organizations, business society, mass media, international organizations, etc.</p> <p>Information on life expectancy is applied in the field social demographic security for the purpose of strategy development, solutions of strategic tasks, analysis o business environment, revealing social development trend and other purposes.</p>
0.6	Information Sources	<p>The main source of information compilation is the following data collected;</p> <p>The number of RA de jure population by sex, age urban/rural, at the beginning of the year. from the monthly statistical reports on births, deaths marriages and divorces submitted by the regional Civil Registration Bodies of the RA Ministry of Justice (copy of the records);</p> <p>The aggregated data on births, based on the date from the second copies of birth acts submitted to statistical bodies for further processing,</p> <p>The aggregated data on deaths, based on the date from the second copies of death acts submitted t statistical bodies for further processing,</p>

		Children death indicators (0-4 years of age) by sex, date of birth, rural/urban population, reference year and previous year.
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".
0.8	Response Burden	Response burden is not measured.
Content		
1.1	Description of the Content	See 1.2.
1.2	Statistical Concepts	<p>Basic concept: Life expectancy (0 age), is the average number of years that a newborn generation is expected to live, if the mortality pattern prevailing across all age groups of given generation equals current mortality rate of the given period.</p> <p>Life expectancy for persons of xi age group is the average number of years that a newborn generation is expected to live, if the mortality pattern prevailing across the given generation equals current mortality rate of the given period.</p> <p>Calculations are based on the death tables, which represent the model of the probability of the conditional group of the newborn (per 100 000 population) to stay alive.</p> <p>Life expectancy at birth to a specific age group xi is the average number of years that population of that age group is expected to live, if the mortality pattern prevailing across all the mentioned age group equals current mortality rate of the given period.</p> <p>The probability to stay alive</p> $p_x = 1 - q_x$ <p>q_x – is the possibility to die at the given age.</p> <p>The probable death rate to a specific group X before reaching the age (x+1)</p> $d_x = l_x q_x$
2. Time		
2.1	Reference Period	Annual
2.2	Date of Publication	Annual indicators are published in the 2 nd quarter of the year following the reference period.
2.3	Punctuality	Data are published according to schedule of annual programs publication and no delays from defined deadlines have been recorded.

2.4	Frequency	Annual
3.Accuracy		
3.1	Overall Accuracy	There are no specific quantitative evaluations related to the overall accuracy. The obligatory provision of statistical reports by them is fixed in the legal acts regulating the statistics sector.
3.2	Sources of Inaccuracy	There is no source of inaccuracy.
3.3	Measures on accuracy	The data of measures on accuracy submitted by organizations within the reference period of the current year is carried out by comparing them with the relevant data for the same period of the previous year.
4.Comparability		
4.1	Comparability over Time	For data comparability data series on life expectancy is available since 1958 and since 2009 data breakdown is available for the c. Yerevan and marzes.
4.2	Comparability with other Statistics	Comparability with other statistics is not available.
4.3	Coherence between Provisional and Final Statistics	Provisional data are the ones that are published for the first time. In the corresponding publications the data are marked as operative (provisional), clarified or final. The changed data are followed by introductory (explanatory) notes. The final data are introduced in annual publications.
5.Accessibility		
5.1	Forms of Dissemination	Publications Quarterly publications Social-Economic Situation of the Republic of Armenia” (Armenian and Russian) monthly report (quarterly publications). Minimum Set of IMF Social National Data Recommended by UN (adopted at the session of the UN statistical Commission on 05.03.99). Annual publications Annual Statistical Yearbook (Armenian, Russian, English) Marzes of the Republic of Armenia and Yerevan city in figures (Armenian and English) Women and Men in Armenia (Armenian and English) Databases: http://armstatbank.am/pxweb/hy/ArmStatBank/?rxid=602c2fcf-531f-4ed9-b9ad-42a1c546a1b6 Website: Electronic versions of publications are available in Armenian (full), Russian, English at the following address: http://www.armstat.am/am/?nid=82 .
5.2	Basic Material: Storage and Usability	The statistical data collected in electronic forms and the copies of death, birth, marriage and divorce acts are sent back to the Civil Registration Bodies' archive

5.3	Documentation	Additional documentation is available in the Metadata subsection of the Statistics section of the Armstat official website, in line with IMF Special Data Dissemination Standards, in Armenian, Russian and English languages, E address: https://www.armstat.am/en/?nid=549 ;
5.4	Other Information	Methodology applied is clarified in the corresponding publications.
6. Supplementary Documentation		
6.1		Information is available under the General Statistical Business-Process Model at https://www.armstat.am/en/?nid=672 .