

Quality declaration Communication

0.General Information on Statistical Products		
0.1	Title	Communication
0.2	Subject Area	Transport
0.3	Responsible Authority, Office, Person, etc.	Ms. Anahit Nersisyan Head Transport and Communication Statistics Division Armstat 3 Government House, Republic Avenue, Yerevan 0010, the Republic of Armenia Phone: +374 11 582 949 Email: anahit_nersisyan@armstat.am , info@armstat.am
0.4	Purpose and History	<p>To provide the users with up-to-date information on communications, including:</p> <ul style="list-style-type: none"> -number of sent telegrams, including inter-republic, international, from which CIS countries, -number of interurban and international outgoing calls, from which ended with conversation, -number of interurban and international telephone conversations, from which implemented interurban and international telephone conversations, including interurban and international, from which CIS countries, -the average duration of international telephone conversations, -the average duration of interurban telephone conversations, <p>- number of all types of telegraphic channels, from which rented,</p> <p>-number of telegraphic communications from which the Communications Transmission System (NGO), channel mounting capability,</p> <p>- number of telephone stations (mounted and occupied), their ability, number of satellite stations, number of mobile communication stations, number of basic telephone machines according to the city of Yerevan and the marzes, from which number of housing taxophones, number of Internet access service subscribers with mobile communication, number of active subscribers of mobile communication, number of conversations of mobile communication, their average duration, air lines length, pipe length, total length of cable, from which optic-fiber, number of installed telephone lines at the end of the year, number of detected telephone lines, which have been eliminated in controlling terms,</p>

		<p>- number of TV /Radio technical means (TV antennas and stations, the coverage (number of people who have access to different TV channels, number of people who have access to cable TV, broadcasting of TV programs, , broadcasting systems and stations)).</p> <p>The calculation of indicators has a long history and has been maintained since the 20-es of the 20th century. It has been regularly improved throughout the years to ensure the comparability with international classifications, composition and 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 RA energy sphere is applied for the purpose of strategy development in the mentioned field, analysis of business environment and solutions of strategic tasks, and other purposes.</p>
0.6	Information Sources	The main information source that is being used is the data collected on monthly and annual basis from legal persons and individual entrepreneurs.
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	<p>Communications include preparation and broadcast of TV and radio programs, and telecommunications services.</p> <p>TV/radio program preparation and broadcasting include activities related to preparation and broadcast of TV programs, including news, entertainment programs, talk-shows, and other similar programs or ready TV and radio programs purchased with the right of their dissemination, as well as data transmission, usually when performed in the TV and radio broadcast system. Telecommunication activities include transmission of voice, data, texts, records, images and delivery of related services.</p>
1.2	Statistical Concepts	<p>Basic concepts</p> <p>TV/radio broadcasting is defined as dissemination of images and/or</p>

		<p>sounds or their symbols via electromagnetic waves through communication wire (including cable communication) or wireless (including on radio, television, or aired through satellite communication) to ensure that the images or sounds are accessed by the population.</p> <p>TV/radio program is the set of TV/radio programs, commercials and other materials designed for broadcasting in accordance with the order regulated by the TV/radio company.</p> <p>Telecommunications services include transmission of voice, data, texts, records and images, and delivery of related services. To perform the said activities the means of transmission can be based on one or more combined technologies. These services are aimed merely at delivery of information and are not related to creation of their contents. Transfer of television signals may include the division of the entire program broadcast on TV into several packages.</p> <p>Satellite communication services include maintenance and operation of means ensuring satellite communication for transmission of voice, data, texts, records, images for provision of the possibility to utilize the said communication, transfer of audio- and video program and texts received from TV channels, TV stations, and networks or radio networks directly to the end-user as well as provision of the possibility of accessing Internet connection by the satellite communications operator.</p> <p>Activity of units classified here does not include the program preparation process.</p> <p>Other telecommunication services include satellite observation, audience measurement, radar station services, direct telecommunication links between satellite terminals and one or more ground communication systems (broadcast and receipt), maintenance of service means ensuring access to satellite system, provision of possibility to the user to access Internet through not-own ISP or managed ISP network, provision in public places of access to Internet through TV network, delivery of other services through functioning telecommunication systems, resale of telecommunication link (purchase and resale of certain volume services of the network, without provision of additional services).</p> <p>Wire telecommunication services include:</p>
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		<p>includes the number of telephone subscribers.</p> <p>The number of card phones is calculated by combining universal and local ones.</p> <p>Universal card phones are defined as those card phones that serve both long-distance and local calls.</p> <p>Subscriber or customer include any person utilizing public electronic communication services or applies for their use.</p> <p>Active subscriber number is defined as any subscriber number of public mobile cellular telephone communication, which has been paid during the last 3 months (subscription fee or account fill-up) or which was used to receive incoming or outgoing service (voice or not), except for mass commercial/ advertisement or information messages (bulk SMS) sent by mobile cellular telephone service-providers of public electronic communication network.</p> <p>The number of subscribers to the cable telecommunication systems is defined according to the number of apartments/flats connected to cable telecommunication system.</p> <p>Branch coverage</p> <p>Statistical observations of communications sphere include Information and Communications section (J) of the Armenian classifier of types of economic activities (NACE Rev. 2). Main sections of this part include preparation and broadcasting of radio- and TV programs and telecommunications services.</p> <p>TV/radio program preparation and broadcasting include activities related to preparation and broadcast of TV programs, including news, entertainment programs, talk-shows, and other similar programs or ready TV and radio programs purchased with the right of their dissemination, as well as data transmission, usually when performed in the TV and radio broadcast system. Different technologies are applied for radio/TV broadcasting, including air, satellite connection, cable network or Internet. This section includes also preparation for a third party of the original set of news, sports, educational, youth and other similar programs prepared for limited audience, for subscription or pay-based broadcasting purposes.</p> <p>Preparation and broadcasting of radio programs include activities</p>
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		<p>related to transmission of voice signals through radiobroadcasting studios and other radio stations designed for a wide audience of radio program broadcasting, on certain waives or for certain subscribers. It includes also use of radio networks, preparation and broadcasting of programs via radio waves, satellite communication, cable network, radiobroadcasting through Internet (Internet radio stations) and data transmission in the sphere of radiobroadcasting.</p> <p>Preparation and broadcasting of TV programs include preparation of complete TV programs, combination of sections of purchased films (documentary, etc.) Or programs created by the economic unit (local news, information programs etc.). Complete TV programs can be broadcast either by the creating economic unit or can be handed-over to a third party for dissemination through cable or satellite networks. TV programs can be of general or specialized nature, including news, entertainment, education, youth programs. It covers preparation of programs for both wide audience and only subscription-based transmission. Preparation of recordings and TV programs transmitted upon the order of subscribers is also classified here. This subsection includes also data transmission, if combined with TV broadcasting.</p> <p>Telecommunication section includes transmission of sound, data, texts, records, images and delivery of related services. Telecommunication is classified into:</p> <ul style="list-style-type: none"> - wire telecommunication system services, - wireless telecommunication system services, - satellite communication services, - other telecommunication types. <p>Geographic Coverage</p> <p>Covers marzes of the Republic of Armenia and the capital city of Yerevan.</p> <p>Groupings for Publication</p> <p>Data is published according to types of communications.</p>
2.Time		
2.1	Reference Period	Annual.
2.2	Date of Publication	The up to date data are published on the 35/36 th day of the month following the reference period. Annual data are published in the 4 th 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	<p>There are no specific quantitative evaluations related to the overall accuracy.</p> <p>The information is mainly based on the sample survey of legal persons and individual entrepreneurs. The obligatory provision of statistical reports by them is fixed in the legal acts regulating the statistics sector.</p> <p>The response rate is around 96%.</p>
3.2	Sources of Inaccuracy	<p>Representative sampling is used for data collection. The statistical register is used for the sampling population.</p> <p>Sampling is stratified according to the activity types and size based on the number of employees.</p> <p>In case of no submission of statistical data on defined date the data of the previous period are repeated.</p>
3.3	Measures on accuracy	-
4.Comparability		
4.1	Comparability over Time	<p>Before 1998 the data (indicators) were provided in accordance with the All Union Classification of Branches of Economy (AUCOBONE). During the years 1998-200 Rev 3 of the International Classifications of Branches of Economy was in use (ISIC) (UN). Since 2002 the data are provided in accordance with the Republic of Armenia classifications of main activity (worked out by the NSS based on NACE international classifications of branches of economy). Since 2010 the second revision is used.</p>
4.2	Comparability with other Statistics	<p>There is comparability with other sources, for example the survey of economic activities of enterprises.</p>
4.3	Coherence between Provisional and Final Statistics	<p>Data published for the first time are called preliminary data. In case of changes the data are followed by explanatory notes. The preliminary data are reviewed based on the clarifications and corrections introduced by the economic subjects or other checks. The final data are provided in annual publications.</p>
5.Accessibility		
5.1	Forms of Dissemination	<p>Publications</p> <p>Monthly publication</p> <p>"Information on Socio-Economic Situation of the Republic of Armenia on Major Macroeconomic Indicators" (Armenian, Russian, English)</p> <p>Annual publications:</p>

		<p>"Statistical Yearbook of Armenia" (Armenian, Russian and English).</p> <p>"Armenia in Figures" Statistical Handbook (in Armenian and English).</p> <p>Databases</p> <p>http://armstatbank.am/pxweb/hy/ArmStatBank/?rxid=602c2fcf-531f-4ed9-b9ad-42a1c546a1b6</p> <p>Internet Address</p> <p>The publications are available in electronic format on the web in Armenian (full version), Russian and English via the following address: https://www.armstat.am/en/?nid=82</p>
5.2	Basic Material: Storage and Usability	<p>The report forms submitted by the respondents are preserved both in paper and electronic forms. The electronic data base contains information on;</p> <p>For legal entities</p> <ol style="list-style-type: none"> legal person's code registration number of the tax payer state register regular number full name of the legal person legal type of the enterprise location of the of the legal person activity (postal address), phone number, as well as email addresses (if necessary) the volume of construction (without VAT and other indirect taxes), <p>For individual entrepreneurs:</p> <ol style="list-style-type: none"> name and the last name, the code of the taxpayer , state registration number location of the of the individual entrepreneurs activity (postal address), phone number, as well as email addresses (if necessary) <p>the volume of the construction done (without VAT and other indirect taxes).</p>
5.3	Documentation	<p>Information is available under the General Statistical Business-Process Model at https://www.armstat.am/en/?nid=672.</p>
5.4	Other information	<p>More detailed information on calculation of the main indicators on communications activities is available in Annex 2 approved by</p>

		<p>respectively Resolutions No 07-N of State Council on Statistics dated on 19 February 2019 on approval of RA statistical report Form 11- Communication (annual) “On Telegraph and telephone network”,</p> <p>Annex 2 approved by respectively Resolutions No 09-N of State Council on Statistics dated on 19 February 2019 on approval of RA statistical report Form 31- Communication (annual) “On Telegraph Communication”,</p> <p>Annex 2 approved by respectively Resolutions No 09-N of State Council on Statistics dated on 19 February 2019 on approval of RA statistical report Form 42- Communication (annual) “On Telecommunication Means and Quality of Work”,</p> <p>Annex 2 approved by respectively Resolutions No 06-N of State Council on Statistics dated on 19 February 2019 on approval of RA statistical report Form 51- Communication (annual) “On TV / Radio Broadcasting and technical means of Radio communication” and the instructions for filling them in.</p> <p>Additional information on the methodology used can be found also in Annual Statistical Yearbook, “Social-Economic situation of the Republic of Armenia” quarterly publications of monthly informative reports as well as in “Armenian Transport and Communications”.</p>
6.Supplementary Documentation		
6.1		No supplementary documentation is available.