

## Quality declaration ICT Indices

0 General information on statistical product		
0.1	Name	Information Communication Technologies' Indices
0.2	Subject area	Services
0.3	Responsible Authority, Office, Person, etc.	Ms. Anahit Harutyunyan Head Trade and Other Services Statistics Division Armstat Government Building 3, Republic ave., Yerevan 0010, Republic of Armenia Telephone: +374 11 587 623 E-mail: <a href="mailto:trade@armstat.am">trade@armstat.am</a> ; <a href="mailto:info@armstat.am">info@armstat.am</a>
0.4	Purpose and History	The main purpose is to provide updated information on quarterly changes of ICT index. The calculation of indicator has been maintained since 2009.
0.5	Users and Application	The main users of statistical information are the state government and local self-government bodies, public, scientific-educational, financial organizations, business society, mass media, international organizations, etc.  The indicator “Index of Information Communication Technologies sphere” is applied in the field of ICT for the purposes of strategy development, solutions of strategic tasks, analysis of business environment, revealing social development trends and other purposes.
0.6	Information Sources	The sources for calculating the ICT index are: <ul style="list-style-type: none"> <li>• information on trade and services received from legal entities and individual entrepreneurs by statistical reports;</li> <li>• information on production and telecommunication received from the relevant units of Armstat;</li> <li>• information on information technology services received from the state body endowed with administrative powers.</li> </ul> <p>The price indices received from Armstat's Price Statistics</p>

		and International Comparisons Division is also used.
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 (Primary information providers)	The response burden is not measured.
<b>1 Content</b>		
1.1	Description of content	<p>The index method is very important for the ICT sphere indicator dynamics analysis. The index of physical volume of ICT sphere (at comparable prices) is calculated.</p> <p>The index of physical volume of ICT sphere shows how the volume of services changes by excluding the influence of the price change.</p> <p>The index of physical volume of ICT sphere, for calculation purposes, is compared with the volumes of reference and base periods at comparable prices, i.e. at the prices of the same period.</p> $I_{\Phi O} = (O_1 / I_{\mathcal{D}} \times 100) / O_0$ , where <p><math>I_{\Phi O}</math> – physical volume index of services,</p> <p><math>O_1, O_0</math> – are the value volumes of services at current prices for the reference and base period accordingly.</p> <p><math>I_{\mathcal{D}}</math> – Consumer Price Index (CPI) for products in comparison of reference period with base period.</p> <p>So, ICT sphere indicator index is calculated by ratio of ICT sphere indicators in reference and base periods.</p>
1.2	Statistical concepts	<p>Basic concepts</p> <p>The indicator is calculated according to the standards of current</p>

	<p>international methodology and the collective grouping of types of economic activities in the field of Information and Telecommunication Technologies is applied according to the Revision 2 of Classification of Types of Economic Activities (NACE Rev. 2), (see: <a href="https://www.armstat.am/file/doc/99522988.pdf">https://www.armstat.am/file/doc/99522988.pdf</a>), as well as the collective grouping of types of economic activities in the field of Information Technologies is used according to the Revision 2 of Classification of Types of Economic Activities (NACE Rev.2) (see: <a href="https://www.armstat.am/file/doc/99522993.pdf">https://www.armstat.am/file/doc/99522993.pdf</a>).</p> <p>ICT indicator includes the following classes of 26 code “Manufacture of computer, electronic and optical products” in the section C – “Manufacturing”:</p> <p>26.11 - Manufacture of electronic components, 26.2 - Manufacture of computers and peripheral equipment, 26.20 - Manufacture of computers and peripheral equipment, 26.30 - Manufacture of communication equipment, 26.40 - Manufacture of consumer electronics, 26.80 - Manufacture of magnetic and optical media,</p> <p>The following classes of 46 code “Wholesale trade, except of motor vehicles and motorcycles”</p> <p>in the section G – “Wholesale and retail trade, repair of motor vehicles and motorcycles”:</p> <p>46.51. - Wholesale of computers, computer peripheral equipment and software, 46.52. - Wholesale of electronic and telecommunications equipment and parts,</p> <p>The following classes of codes 61 “Telecommunications”, 62 – “Computer programming, consultancy and related activities” and 58 – “Publishing activities” in the section J – “Information and Communication”:</p> <p>58.21. - Publishing of computer games, 58.29. - Other software publishing, code 63 - Information service activities, 63.1. - Data processing, hosting and related activities; web portals, and Class 95.1. - Repair of computers and communication equipment in</p>
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		<p>the section S – “Other Service Activities”.</p> <p>Geographic Coverage</p> <p>All Armenian marzes and Yerevan city are included.</p>
<b>2 Time</b>		
2.1	Reference period	Quarterly
2.2	Date of publication	The first quarterly publication – on the 35/36 <sup>th</sup> day following the reference period.
2.3	Punctuality	Data is published in accordance with the schedule of publications according to annual programs and no delay from the scheduled date has been reported.
2.4	Frequency	Quarterly, semiannual, annual
<b>3 Accuracy</b>		
3.1	Overall Accuracy	The ICT index is a collective grouping and includes information on information and telecommunication technologies, including information on production, trade and services.
3.2	Sources of Inaccuracy	Accuracy checks of the previous year’s data submitted by the organizations in the reference period of the current year (at current prices) are carried out by comparing them with the relevant data submitted for the same period of the previous year.
3.3	Measures on accuracy/ Measurability	The response rate is around 97%.
<b>4 Comparability</b>		
4.1	Comparability over Time	Since 2009, the indicator has been represented according to Armenian Classification of Types of Economic Activity (developed on the basis of Classification of Types of Economic Activity (NACE) approved by Eurostat). Since 2010, NACE rev. 2 is being applied.
4.2	Comparability with Other Statistics	There is comparability with statistics from other sources.

4.3	Coherence between Provisional and Final Statistics	<p>The first publication of the data is considered the primary one. The revisions of the published data are presented with explanatory notes.</p> <p>The primary data is reviewed according to the adjustments and other corrections submitted by economic units. The final data is presented in annual publications.</p>
<b>5 Accessibility</b>		
5.1	Forms of Dissemination	<p><b>Publications</b></p> <p>“Social-economic Situation of the Republic of Armenia” informational monthly report (Armenian and Russian).</p> <p><b>Databases</b></p> <p><a href="https://armstatbank.am/pxweb/en/ArmStatBank/?rxid=602c2fcf-531f-4ed9-b9ad-42a1c546a1b6,602c2fcf-531f-4ed9-b9ad-42a1c546a1b6">https://armstatbank.am/pxweb/en/ArmStatBank/?rxid=602c2fcf-531f-4ed9-b9ad-42a1c546a1b6,602c2fcf-531f-4ed9-b9ad-42a1c546a1b6</a></p> <p><b>Website</b></p> <p>The publications are available in electronic format on the web in Armenian, Russian and English:  <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	<p>Respondents can submit statistical reports both in paper and electronic form. Reports received both in paper and electronic forms are kept.</p> <p>For Legal Persons:</p> <p>a/ Legal Person’s Code</p> <p>b/ Tax Payer’s Registration Number</p> <p>c/ State Register Registration Number</p> <p>d/ Full Name of the Legal Person</p> <p>e/ Organization Legal Form</p> <p>f/ Legal Address of the Legal Person (Postal Address), phone number and e-mail address</p>

		<p>g/ Main Activity Type</p> <p>h/ Volume of production, trade and services (without VAT or other indirect taxes)</p> <p>i/ Average listed Number of Employees.</p> <p>For individual entrepreneurs</p> <p>a/ Name, Surname</p> <p>b/ Tax Payer's Registration Number</p> <p>c/ State Register Registration Number</p> <p>d/Home Address</p> <p>e/ State Registration Address (in case if it does not correspond to home address), phone number and e-mail address</p> <p>f/ Main Activity Type</p> <p>h/ Volume of production, trade and services (without VAT or other indirect taxes)</p> <p>i/ Average listed Number of Employees.</p>
5.3	Documentation	<p>Information is available under the General Statistical Business-Process Model at <a href="https://www.armstat.am/file/model/en/18.2.pdf">https://www.armstat.am/file/model/en/18.2.pdf</a>.</p>
5.4	Other information	<p>More detailed information for calculation of ICT indicators is available:</p> <ol style="list-style-type: none"> <li>1. in Annexes 1, 2 approved by Resolution N 18-A of RA State Council on Statistics, dated 16 April 2020, on Approval of Summary Statistical Reporting Form 1-IT (monthly) "On Information Technologies and Information Services" received from administrative register and the instructions for filling them in".</li> <li>2. in Annexes 1, 2 approved by Resolutions No 67-N of State Council on Statistics dated on 12 November 2018 on approval of statistical report form "On Telegraph and telephone network", Form 13 (monthly) "On the Incomes from the</li> </ol>

		<p>Preparation, Broadcasting, Communication Activities” and the instructions for filling them in.</p> <p>3. In annexes 1, 2, 3 and 4 approved by the Resolution of RA State Council on Statistics No. 14-N dated 11 May 2020 on making changes in the Resolutions of 19 October 2018 No. 10-N and No. 13-N.</p> <p>More detailed information for calculation of ICT production output volume is included in Annexes 1, 2 approved by Resolution N 25-N of RA State Council on Statistics, dated 19 October 2018, “On Approval of Statistical Report Form ART-1 (monthly) “Report on Output of Industrial Organization” and the instructions for filling them in”.</p>
<b>6 Supplementary documentation</b>		
		No supplementary documentation is available.