

| Processes | Sub-processes | Sub-process description |
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| <i>1 Specify needs</i> | | |
| | 1.1 Identify needs | <p>The necessity to maintain the population migration statistics is primarily stipulated by the need to ensure the periodical update of the calculations related to the population number, gender and age structures and main demographic indicators by administrative and territorial division, as well as by the constantly growing demand of users of statistical information and structural units of the Armstat .</p> <p>The statistical data on population migration, in case of need, are provided to the statistical data users: the state and local government bodies of RA, scientific and academic institutions, international organizations and other interested institutions, following the legislative requirements on their confidentiality. The information on population migration is used in the socio-demographic, as well as economic and financial field in order to develop strategies, solve the strategic tasks, to reveal the development trends and other purposes.</p> |
| | 1.2 Consult and confirm needs | <p>The Draft Annual Statistical Program is submitted to 147 (due to financial restrictions) main statistical information users (government agencies, educational institutions, judicial bodies, banking system, business sphere, NGOs, international organizations and mass media) selected by the sampling method in order to study their opinions.</p> <p>The users' opinions about statistical information are studied by business discussions as well as through the "User satisfaction survey questionnaire" which is available on Armstat website (see: https://www.armstat.am/am/?nid=131).</p> |
| | 1.3 Establish output objectives | <p>The statistical work program is the basis for the implementation of statistics in the territory of RA. The five years program is developed for the determination of the directions of the</p> |

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| | | <p>statistical activity and the annual program is developed to determine the measures to ensure the realization of these directions.</p> <p>The program sets the list of indicators included in statistical observations implemented by the Statistical Committee of RA and by other state institutions, Armstat overall coordinates the list (and their collection, processing, summarizing, publishing activities), as well as the calculation works.</p> <p>The directions of activities and actions envisaged by the Annual and Five-Year Statistical Programs should take into account the comparability of country indicators with the international statistical standards, provide with possible stable periodicity of trends from the viewpoint of their revealing during the long term and provide with the proportion of resources foreseen for statistics on annual basis.</p> <p>The program is developed based on the study of the demand of statistical information users, as a result, the suggestions and comments are summarized. Armstat regularly defines its objectives to develop the statistical database on population migration aimed at harmonization with the international standards.</p> |
| | <p>1.4 Identify needs</p> | <p>Permanent residence country - the country where the person lives and, he/she has a place to live and where he/she usually spends the resting hours. Temporally abroad trips, vacation, holidays, visits to friends and relatives, business, medical treatment or religious pilgrimage do not change a country of residence.</p> <p>Long-term migrant - a person who has permanent residence in the country (usually) move to another country for at least one year (12 month) period, and the destination country is becoming a new country of residence. The point of departure, a leaving person is considered long-term migrants (immigrants) and for the arrival country the person will be considered as long-term immigrants (immigrant).</p> <p>Short term migrant - a person who has a permanent (usually)</p> |

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| | | <p>residence and he/she moves to another country for at least 3 months, but a year (12 months) for a period less, except in cases where the movement is due to the relaxation, vacation, friends and family visits, business, medical treatment or religious pilgrimage purposes. For international migration statistics, the country of residence for short-term migrants, and that country will be the country of destination.</p> <p>External migration-people move out of state borders, change of place of residence.</p> <p>Internal migration-internal displacement of people within the country's borders, due to the change of residence.</p> |
| | 1.5 Check data availability | <p>The necessary indicators (registered /out of registration) in the electronic migration database are being checked.</p> <ol style="list-style-type: none"> 1. The completeness and accuracy of the names of region, town, village (community), as well as to bring them into line with "Armenian Classification of division of administrative-territorial units". 2. The accuracy and completeness of the names of foreign countries. The compliance with the "Classification of names of countries" is implemented. 3. The statistical indicators are separated by RA regions (urban / rural) and are subjected to statistical processing (and logical and integrity checks). |
| | 1.6 Prepare business case | <p>Electronic database' data on migration (registered /out of registration) are quarterly provided to the Armstat by the Passport and Visa Department of the Police of the Republic of Armenia under the Government according to the Resolution of RA Government No 1333-N on the "Approval on provision of data from the information system of State register of population to the Statistical Committee of RA" dated 22 September 2011.</p> |
| 2. Design | | |
| | 2.1 Design output | <p>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</p> |

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| | | 2016 and Resolution “On Approval of Annual Statistical Program”. |
| | 2.2 Design variable description | <p>Electronic data from the population state register are the basis for the migration statistics , which include the following indicators:</p> <p>The number of registration acts by:</p> <ul style="list-style-type: none"> •Registration by place: country, marz, community, by city/ village • census period • gender and age • nationality • citizenship <p>The number of de-registrations acts by:</p> <p>De-registration place: country, marz, community by city/ village</p> <ul style="list-style-type: none"> • census period • gender and age • nationality • citizenship |
| | 2.3 Design collection | The administrative records of population state register are the primary source for population migration (registered/non-registered). The administrative records of population state register include the electronic data on registered and de-registered persons. |
| | 2.4 Design frame and sample | |
| | 2.5 Design processing and analysis | After receiving the electronic database, the statistical indicators are separated by the regions (urban / rural) and subjected to software processing (logical and integrity checks). |
| | 2.6 Design production systems and workflow | Before the collection and publication of data the working processes are carried out based on Annual Statistical Program. |
| 3. Build | | |
| | 3.1 Build collection instrument | Electronic database’ data received from the population state register are the basis to get data on registered and deregistered |

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| | | population that is provided quarterly to the Armstat by the Passport and Visa Department of the Police of the Republic of Armenia under the Government in the defined period of the time according to the “Annual Statistical Program”. |
| | 3.2 Build or enhance process components | |
| | 3.3 Build or enhance dissemination components | <p>The main users of statistical information are the RA government, academic and non-governmental organizations and individuals, regional institutions and local self-government bodies, marz and structural units of the Armstat, as well as international organizations.</p> <p>According to the requirements of the Statistical Program, statistical data on population migration (registered and deregistered) is included in publications. The information is provided to the users in the case of official requests keeping the statistical confidentiality</p> |
| | 3.4 Configure workflows | <p>The derivation of statistical product is carried out by the following successive stages:</p> <ol style="list-style-type: none"> 1. collection of information, 2. arithmetic and logical checks and adjustments, 3. classification by the administrative territorial divisions 4. comparison of obtained summary information with the corresponding time series, 5. The application of information for Armstat internal purposes, 6. Preparation of publications, 7. The provision of consolidated statistic information to users. |
| | 3.5 Test production system | Preparation of comparable results of output indicators formed by processing of electronic database received from the population state register. |
| | 3.6 Test statistical business process | |
| | 3.7 Finalize production system | - |

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| <i>Collection</i> | | |
| | 4.1 Create frame and select sample | The general population of information on population migration is formed on relevant information received from the population state register. |
| | 4.2 Set up collection | 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". |
| | 4.3 Run collection | Data of electronic database (registered and deregistered) on migration is quarterly provided by the Passport and Visa Department of the Police of the Republic of Armenia according to the Resolution of RA State Council on Statistics No 05-N on the "Approval of the Procedure of the collection of Statistical Data" dated 20 June 2016. |
| | 4.4 Finalize collection | The checking of available indicators in electronic database is carried out. |
| <i>Elaboration</i> | | |
| | 5.1. Integrate data | The basis for the data formation is data received from the electronic database of the population state register. |
| | 5.2 Classify and code | The received data are classified by: <ul style="list-style-type: none"> • RA regions , towns and villages, • gender and age • country of citizenship • country, town, village of arrival • country, town, village of destination |
| | 5.3 Review and approval | The accuracy checks of completeness and logical chains of indicators received in different output tables are implemented. |
| | 5.4 Edit and impute | During the processing the data on population migration can be edited and updated by adding some missing data. |

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| | 5.5 Derive new variables and units | In the reporting period of the current year, the accuracy of the data is compared with the corresponding data for the same period of the previous year, as well as with the data of the Households Integrated Living Conditions Survey (ILCS), data on border crossing received by border electronic management system and possibly with the results of targeted (focus) sample surveys. |
| | 5.6 Calculate weight | – |
| | 5.7 Calculate aggregates | The derivation of summary data by RA marzes, regions, cities/villages is implemented on the basis of the received and processed summary data. |
| | 5.8 Finalize data files | Often, based on the needs of users (including international organizations), to obtain additional statistical data, the derivation of complex groups based on the information available in the database is implemented, using simultaneously some combinations of indicators available in database of the migration(registered and deregistered). |
| <i>Analysis</i> | | |
| | 6.1 Prepare draft outputs | The creation of groups, indicators, as well as time series of statistical indicators is implemented based on obtained statistical summary data. |
| | 6.2 Validate outputs | |
| | 6.3 Explanation and interpretation of outputs | The logical analysis of the received summary indicators is carried out taking into account the dynamics of the indicators from the previous years. |
| | 6.4 Apply disclosure control | The confidentiality of statistical indicators (not containing individual (personal) data) that is subject to publication, as well as requested by the users of statistical information is strictly followed according to the Law on Official Statistics and the Resolution of the SCS No 53 " Approval of the Order on Protection of Statistical Confidentiality" dated 25 June 2001, and only summarized data are provided (see: https://www.armstat.am/file/doc/99454478.pdf). |
| | 6.5 Finalize outputs | Before the dissemination of the summary data, the analysis of |

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| | | the indicators of the migration of population is carried out. |
| Dissemination | | |
| | 7.1 Update output system | The work on the derivation and final checking of relevant tables of statistical indicators that are subject to publication is carried out, as well as the time series update is implemented. In case of the need the changes and/ or additions are made in the concepts and methodological explanations of the relevant indicator. |
| | 7.2 Produce dissemination products | <p>All the production steps are implemented for the disseminating products: preparation of explanatory text, tables, charts and other materials, editing of these products and making them compliant with publishing standards.</p> <p>The information on the statistical indicators is published in Armenian, Russian, English in the yearbooks, statistical handbooks and monthly informational reports.</p> <ul style="list-style-type: none"> • Statistical Yearbook of Armenia (annual) • Armenia in figures (annual) • Social- economic Situation of the Republic of Armenia (quarterly) • RA Marzes and Yerevan city by figures (annual) • Demographic handbook of Armenia (annual) • Women and Men in Armenia (annual) <p>Handbooks and publications are available on official web-site of Armstat http://www.armstat.am/am/?nid=45 http://www.armstat.am/am/?nid=80):</p> |
| | 7.3 Manage release of dissemination products | In the case of the changes and adjustments made in the indicators provided by the providers of statistical information the indicators already published by the Armstat are also being changed and adjusted correspondingly. |
| | 7.4 Promote dissemination products | Various information presented on the Armstat official website (indicators, metadata, notifications, news about the sphere, micro-data, etc.) is not only a statistical tool, but also dissemination tool of information on the Armstat activity, which promotes the effectiveness of the sector's activities. |
| | 7.5 Manage user | In case of the official request by the users of statistical |

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| | support | information, the information is provided at possible extend following the principle of confidentiality of statistical information. |
| <i>Evaluation</i> | | |
| | 8.1 Gather evaluation input | The statistical data collection is carried out from the single administrative source that is the RA state register of population. Due to the lack of administrative information from other sources, the reliability assessment is not available. |
| | 8.2 Conduct evaluation | - |
| | 8.3 Agree an action plan | - |