



**AGENCY ON STATISTICS  
UNDER THE PRESIDENT  
OF THE REPUBLIC OF TAJIKISTAN**



**Improving methods and techniques  
of data collection in support  
of the modernisation of official statistics**

*Agency on Statistics under the President  
of the Republic of Tajikistan*

**MINSK 2016**



## Improving methods and techniques of data collection



- ❑ In compliance with the Law on State Statistics, the Agency on Statistics of the Republic of Tajikistan is fully responsible for governing statistics at all levels of the economy and is a single organised system of collection, processing and analysis of statistical information.
- ❑ Hence, in compliance with the legislation, all enterprises, organisations, institutions, and on the whole all production and non-production entities regardless of their ownership type must submit in a timely manner the required complete and accurate reports to statistical bodies.
- ❑ The Law on State Statistics binds to provide reporting and provides for sanctions for failure to comply with this requirement.



## Improving methods and techniques of data collection



- A standing methodological council has been set up in the Agency on Statistics of the Republic of Tajikistan for the revision of existing and new forms of statistical reporting and methodology for filling them out, and also for one of the important issues – improvement of data transmission and sharing between the agencies and improvement of data quality.
- With a view to increase the role of state statistics bodies, an interagency working group on statistical recording improvement in different economic sectors has been established by order of the Prime Minister of the Republic of Tajikistan.



## Improving methods and techniques of data collection



- The Action Plan for the Improvement of Statistical Recording for 2016-2021 was prepared and adopted by the resolution of the Government of the Republic of Tajikistan of 29 October 2015. The Action Plan includes:
  - connection of the intranet of state statistics bodies to the Tajnet network
  - update of servers in the Agency on Statistics and acquisition of new servers to switch to electronic reporting
  - creation of the integrated system for statistical reports processing in the country, regions, cities and districts
  - creation of the integrated system for receiving electronic reports for the servers of the Agency on Statistics



## Improving methods and techniques of data collection



- Inventory of all centralised and decentralised statistical reporting forms and statistical sample survey questionnaires to reduce the burden on respondents, development of instructions for filling them out
- gradual implementation of the system of electronic documenting of statistical surveys
- implementation of a set of actions for the development and implementation of the uniform methodology of planning and organisation of data collection, processing and storage on the basis of the integrated technology, integration of reference data (registers, classifications, catalogues and lists)
- etc.



## Improving methods and techniques of data collection



A project on the National Strategy for the Development of Statistics is currently being implemented, ECASTAT Grant for 2015-2018

Within the framework of the project:

- In order to accelerate the move to electronic reporting, a fibre-optic line has been connected to the Main Department on Statistics of the Agency in Dushanbe, regions and DRSs; local statistical bodies connected to the Internet via ADSL
- Within the framework of the project, tablet PCs were purchased and used for listing and LFS data collection and that will further be used for survey conducting; it was the first step in moving from data collection on paper to electronic data collection.
- *Note: GA recommendations: IT and communication infrastructure should be further developed along with the modernisation of the business architecture of the State Statistics; all territorial statistical offices should be integrated into the TAJSTAT corporate network (Local Area Network/LAN)*



## Improving methods and techniques of data collection



- Electronic reporting form on labour statistics 1-τ «Report on labour» (monthly) and «Report on labour force turnover (quarterly)» implemented as from 1 July 2015
- From 1 May 2016 industrial enterprises of Dushanbe submit monthly statistical report 1-industry in electronic form; by the end of the year all industrial enterprises will be covered.
- In the nearest future electronic reports on trade and services, construction, etc. are planned to be implemented.

*Within the framework of the EU project on health service electronic system improvement – Switching to electronic data collection on civil registration records and statistical health service reports*



## Improving methods and techniques of data collection



### **Moving to electronic reporting:**

- No need to visit statistical offices;
- Reduced number of errors in reports as the software applies arithmetic and logical checks;
- Guaranteed online update of electronic statistical reporting forms and instructions for filling them out;
- Confirmation of report delivery to clients;
- Confidentiality of transmitted information guaranteed by using electronic signature.





## Improving methods and techniques of data collection



- The Agency on Statistics collects data on agricultural activity of dehqan farms through the exhaustive listing (twice a year). Taking into account the fact that agricultural statistics is published on a monthly basis, the scope of work to be performed by statisticians at the district and Jamoat level is immense (about 130,000 DFs)
  - Monthly data collection from such a number of DFs is very labour-intensive and almost infeasible task
  - This leads to deterioration of data quality
  - An alternative to exhaustive survey is a sample survey
  - Expenditures of human labour are less
  - Information can be collected more quickly

### With this in view:

- Electronic database for 60 000 dehqan farms has been prepared
- Household database has been prepared for 12 pilot districts
- 100 mini laptops has been purchased for statisticians of jamoats;
- Methodology has been prepared; approbation carried out in 12 pilot districts;
- Quarterly sample surveys are currently carried out; data are collected electronically



## Improving methods and techniques of data collection



JOINT PROJECT WITH THE WORLD BANK ON "AGRICULTURE COMMERCIALIZATION" : Initiative on the improvement of existing mechanism of collection, processing and dissemination of weekly price information

- Includes support to the development on the basis of the SMS system of the market information based on the principles of public-private partnership between the Agency on Statistics (TAJSTAT) and private sector information service providers for farmers and agribusinesses.
- Development and agreement of corresponding contractual relations
- Development of user-friendly database for service providers
- Development of services and applications
- Adding the relevant supplementary information (e.g. review of climate conditions, regional market information, etc.).



## Implementation of GSBPM 5.0 model



- In compliance with the implementation plan of the Project “Implementation of the National Strategy for the Development of Statistics” (ECASTAT Grant No. 017852) the Agency carries out the Labour Force Survey (LFS 2016); this survey will be a pilot for implementing the GSBPM 5.0 module
  - levels 1 and 2, 1 – specifying the needs;
  - 2 - designing;
  - 3 – development and building;
  - 4- data collection;
  - 5 – processing;
  - 6 – analysis of results;
  - 7 – dissemination;
  - 8 – archiving;
  - 9 – evaluation.



---

***THANK YOU FOR YOUR  
ATTENTION!***

Phone: (992 372) 23-02-45

Fax: (992 372) 21-43-75

E-mail: [stat@tojikiston.com](mailto:stat@tojikiston.com)

Internet: <http://www.stat.tj>