Statistics on the Information Society

In Kazakhstan surveys on information society statistics carried out in two directions: the use of ICT by enterprises and households.

Surveys are conducted by the Agency on Statistics of the Republic of Kazakhstan. At present a system of indicators of ICT statistics in Kazakhstan correspondingly to information society indicators of Eurostat which ensures their comparability at the international level.

Enterprise Survey

Target population

The frame population of the ICT survey of enterprises is a Statistical Business Register which contains a complete list of items with appropriate classification and address data.

Sampling method

The frame population entirely respects the recommendations of the model questionnaire regarding the economic activity, the enterprise size and the geographic scope. The sampling method is a stratified random sampling. There were 12 NACE groups, 3 size groups and 16 territory regions.

Frame population includes legal entities and their structural subdivisions with main economic activities:

- manufacturing (NACE: 10-33);
- construction (NACE: 41-43);
- wholesale and retail trade, repair of motor vehicles and motorcycles (NACE: 45-47);
- transportation and warehousing (NACE: 49-53);
- services for accommodation and meals (NACE 55);
- information and communication (NACE: 58-63);
- financial and insurance activities (NACE: 64.19, 64.92, 65);
- real estate transactions (NACE: 68);
- professional, scientific and technical activities (NACE: 69-74);
- activities in the field of administrative and support services (NACE: 77-82);
- public administration and defense, compulsory social security (NACE: 84.11, 84.12, 84.13, 84.21, 84.23, 84.30.);
- provision of other services (NACE: 95.11).

Enterprise size:

• non-financial corporations:
- 105-150 (small: number of employees 0-50) (10% coverage);
- 210-225 (medium: number of employees 51-250) (50%);
- 305-311 (large: number of employees 251- more than 1000) (100%);
• public administration:

- 105-311 (large: number of employees 251 - more than 1000) (100%).

Geographic scope

Enterprises located in any part of the territory of the Country.

Periodicity

The periodicity is annual, meaning the data is collected and compiled once per year.

Questionnaire

On the basis of a model Eurostat questionnaire (Eurostat model for a Community Survey on ICT Usage and e-Commerce in Enterprises)

Data collection method

Face to face interview

Formed basic indicators

- proportion of workers using computers;
- proportion of enterprises using the Internet;
- proportion of enterprises using broadband Internet;
- proportion of employees using the Internet;
- proportion of enterprises with a website;
- proportion of enterprises with an intranet;
- proportion of enterprises receiving orders over the Internet;
- proportion of enterprises placing orders over the Internet;
- constraints on the use of ICT;
- proportion of enterprises with local area network (LAN), etc.

Household survey

Target population

The information base for the sampling of households is a register (list) of Residential premises are based on the Census population. Supervision covers 21 000 households (0.5% of the total) which provides sample representativeness at the regional level. The questionnaire is filled out by persons aged 16-74 years living in households.

Sampling method

The sample is based on two-stage stratified random sampling design. Primary sampling units are enumeration districts and second stage units are households. Stratification of enumeration districts is done according to type of settlement (urban and rural) and territory (16 territory regions).

Geographic scope

Enterprises located in any part of the territory of the Country.

Periodicity
  The periodicity is annual, meaning the data is collected and compiled once per year.

Questionnaire
  On the basis of a model Eurostat questionnaire (Eurostat Model Questionnaire Community Survey on ICT Usage in households and by individuals)

Data collection method
  Face to face interview

Formed basic indicators
– proportion of households with computers;
– proportion of households with access to the Internet from home;
– proportion of households with broadband Internet;
– proportion of households with television;
– proportion of households with mobile phones;
– proportion of the population using a computer (independently of location) in the past 12 months;
– proportion of the population uses the Internet (independently of location) in the past 12 months;
– purpose of Internet use, etc.

Summary data on the republic level is published in statistical publications (bulletins, book "The information society of Kazakhstan"), provided to international organizations (UNCTAD, ITU questionnaires). Also information on ICT statistics posted on the Internet portal of the Agency on statistics of the Republic of Kazakhstan - www.stat.gov.kz