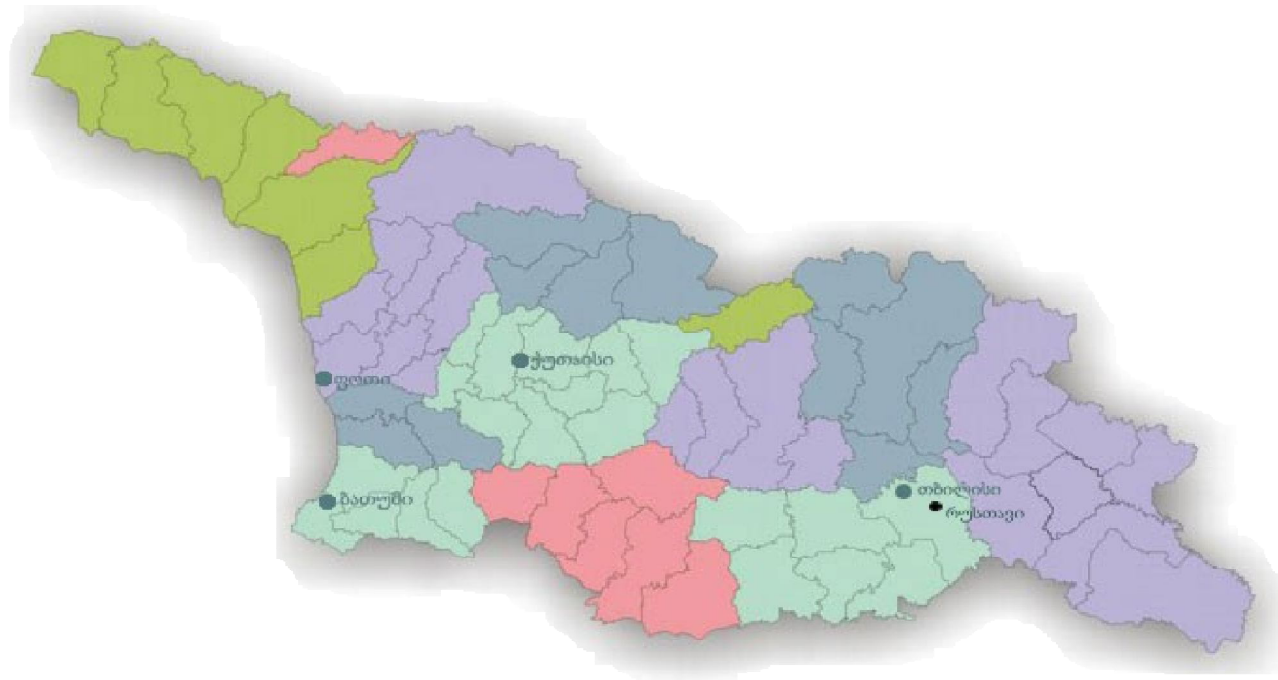


ICT Access and Use by Households and Individuals in Georgia



Tbilisi, 23 November, 2014

ICT Access and Use by Households and Individuals in Georgia

Survey on ICT

- ✓ No dedicated survey on ICT
- ✓ The main source on indicators of ICT is Integrated Household Survey (IHS) conducted by the National Statistics Office of Georgia (Geostat)

Integrated Household Survey (IHS)

Introduction

- ✓ Household survey system was developed during 1994-1996 with the financial aid from the World Bank and consulting services by Statistics Canada
- ✓ The household survey field work started from the third quarter of 1996
- ✓ A separate, independent "household labour force survey" was being conducted during 1998-1999
- ✓ In cooperation with the **UK Department for International Development (DFID)** the household survey system was thoroughly reviewed and updated in 2001-2003, namely, the household and labour force surveys were merged, sample design was revised

Integrated Household Survey (IHS)

IHS Sample Design

Sample frame: database of General Population Census of 2002

Sample size: 3384 households

Sample design: two-stage cluster sampling using pre-stratification

Primary sample unit – enumeration area

Secondary sample unit – address of household

Population coverage: The sampling frame of households covers non-institutional part of the population

Integrated Household Survey (IHS)

IHS Sample Design

- ✓ According to the General Population Census of 2002, the observed territory of Georgia was divided into 16600 enumeration areas containing up to 1.2 million households with total population of 4.4 million
- ✓ Estimates should be made also for regions of Georgia. Therefore the number of addresses to be sampled was distributed among the regions
- ✓ The regions were divided into homogenous strata of approximately same size, separately for urban and rural areas
- ✓ Within each region, the number of addresses to be sampled was divided among the strata proportionally to their population

Integrated Household Survey (IHS)

Stratification Options

1. **Region** – 10 administrative regions
2. **Type of settlement**
 - Big city – with more than 45 thousand inhabitants
 - Small city – other district centres
 - Village – other settlements
3. **Height above sea level**
 - Mountain settlements
 - Lowland settlements
4. **Other additional conditions** (Tbilisi new constructions, villages under Tbilisi)

Sample frame is divided into 51 strata

Integrated Household Survey (IHS)

Rotation

- ✓ For each region, the sampled enumeration areas are equally divided into 12 rotation groups at the strata level
- ✓ In each month the addresses of the corresponding rotation group would be replaced by new addresses
- ✓ Each month 8.3 percent (1/12) of the sample is renewed and during a year the whole sample is renewed
- ✓ Each household remains in the sample for one year and during this period four quarterly interviews should be conducted with the household. After one year the sampled households are replaced by other households

Integrated Household Survey (IHS)

Questionnaires

6 questionnaires are used in the IHS:

- **2 questionnaires – Annual, filled only with the first quarterly interview**
- **4 questionnaires – Quarterly, filled four times during the year – in each quarter**

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- **Shinda01** – Data on household dwelling, land, livestock, durable goods, etc
- **Shinda02** – Household composition and demographic data on household members

Integrated Household Survey (IHS)

Questionnaires

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- **Shinda03** – Diary, filled by the household during one week. It reflects household daily expenditures and consumption
- **Shinda04** – Household expenditures, data on harvesting, processing, etc
- **Shinda05** – Incomes, expenditures on relatively expensive items, expenses obtained in foreign currency
- **Shinda05-1** – Economic status (employed, unemployed, economically inactive, etc) for each household member aged 15 years and above, revenues from employment

Integrated Household Survey (IHS)

Data Quality Control

- Initial logical control of the filled questionnaires by the Regional Supervisors
- Double entry of data
- Logical and arithmetical controls of data by using specifically designed software containing pre-determined controls
- Database cleaning
- Field monitoring

Integrated Household Survey (IHS)

The Main Indicators

- **Structure of Household Income**
Annual, Country/Region Level
- **Poverty Indicators**
Annual, Country Level
- **Structure of Household Expenditures**
Annual, Country/Region Level
- **Labour Force Indicators**
Annual, Country/Region Level
- **Consumption of Foodstuffs**
Annual, Country Level

ICT Access and Use by Households and Individuals from the IHS

ICT Access by Households from the IHS

- Number of households with a radio
- Number of households with a television
- Number of households with a telephone (fixed or mobile)
- Number of households with a computer
- Number of households with internet access

ICT Access and Use by Households and Individuals from the IHS

No Data on ICT Access by Households from the IHS

- Number of households with a computer - no breakdown by type of computer
- Number of households with internet access - no breakdown by type of service
- Number of households with multichannel television
- Reasons for not having internet access

ICT Access and Use by Households and Individuals from the IHS

ICT Usage by Individuals from the IHS

Number of individuals who used internet (from any location) in the last 12 months by:

- Gender and urban/rural areas
- Age and gender
- Highest education received and gender
- Labour force status and gender

ICT Access and Use by Households and Individuals from the IHS

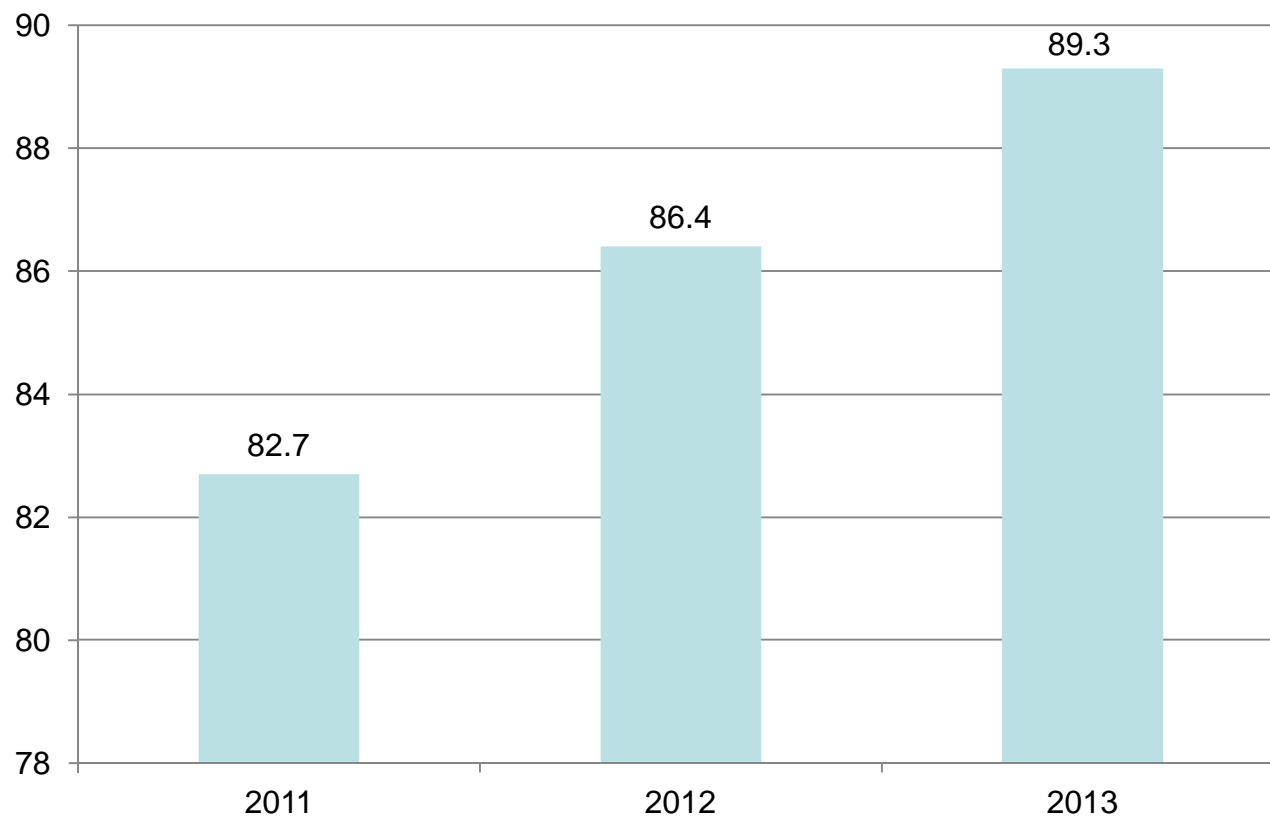
No Data on ICT Usage by Individuals from the IHS

- Number of individuals who used a computer
- Number of individuals who used internet - no breakdown by location of use, type of activity, frequency
- Number of individuals who used a mobile
- Number of individuals with ICT skills

ICT Access and Use by Households and Individuals from the IHS

ICT indicators from IHS

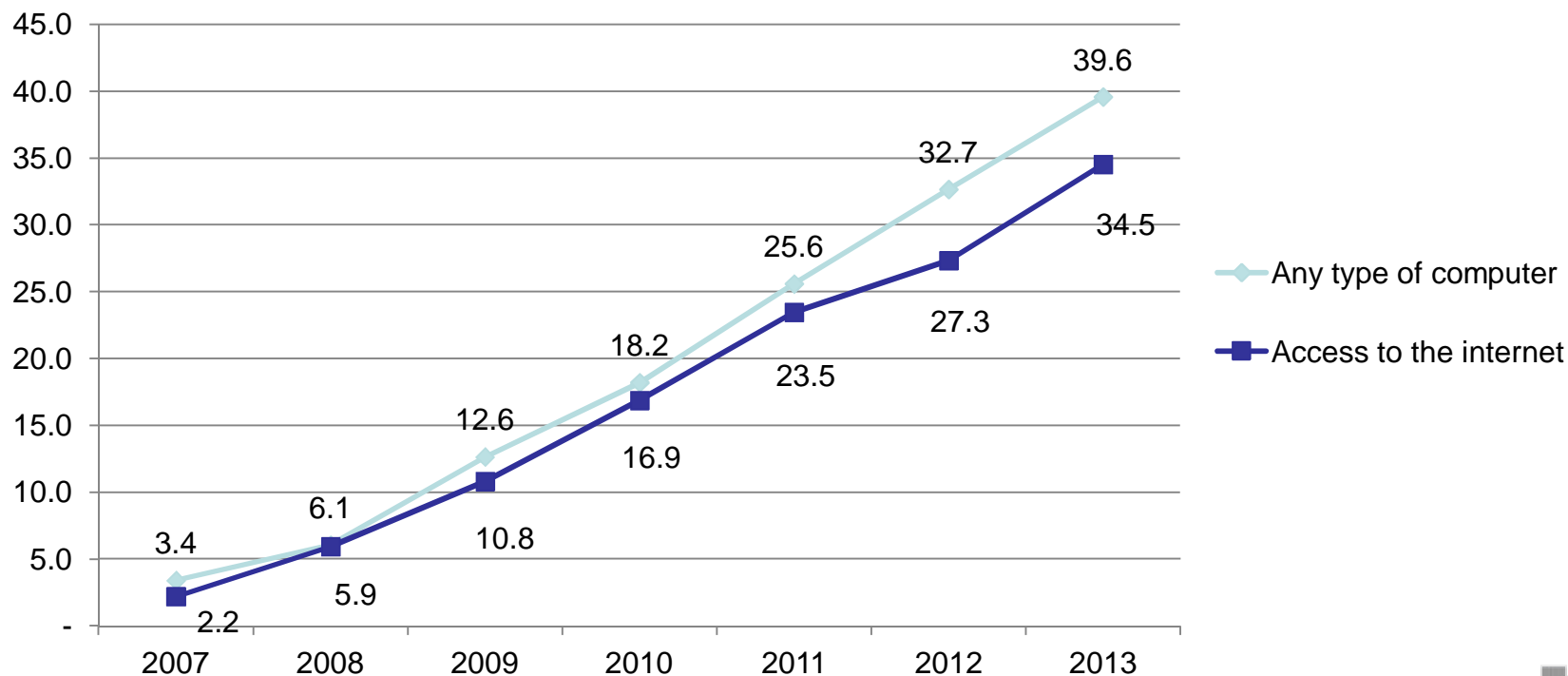
Percentage of households who has a fixed and/or mobile phone



ICT Access and Use by Households and Individuals from the IHS

ICT indicators from IHS

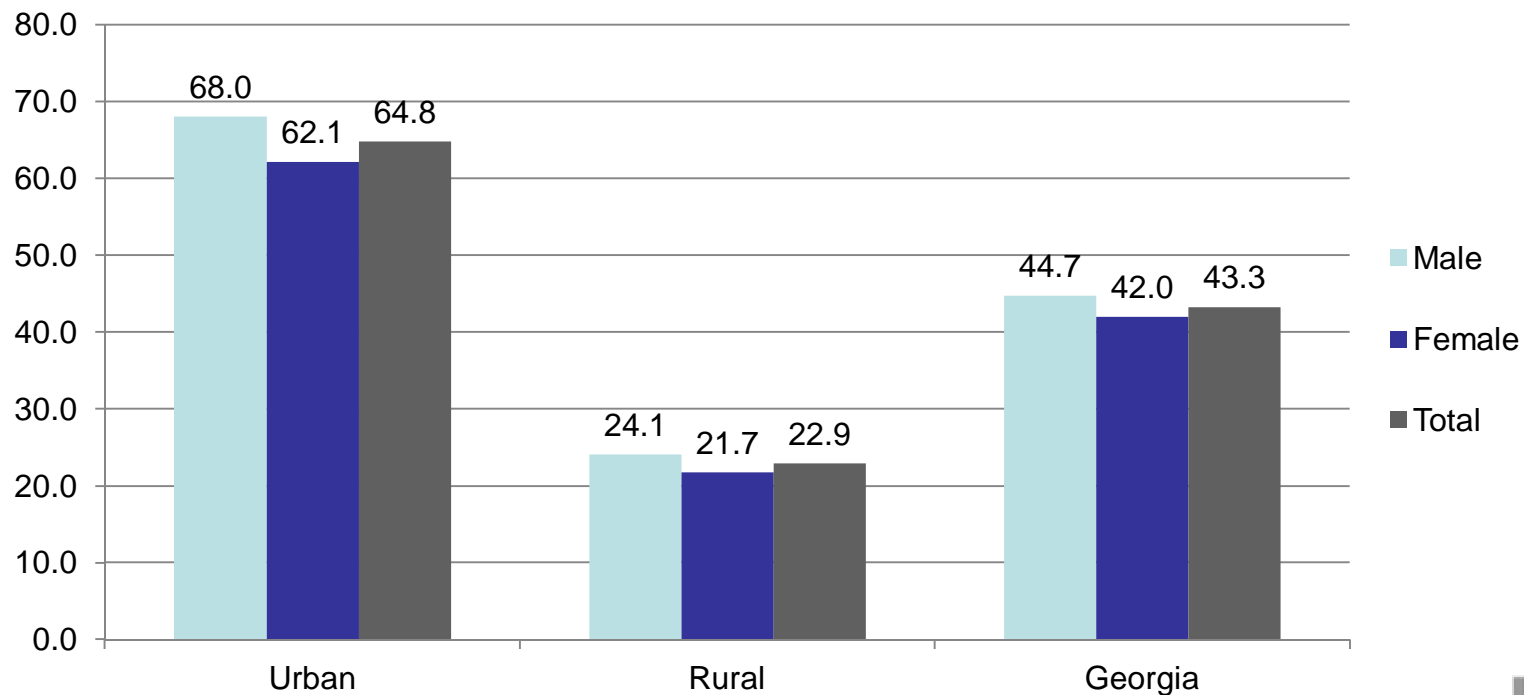
Percentage of households who has a computer or access to internet



ICT Access and Use by Households and Individuals from the IHS

ICT indicators from IHS

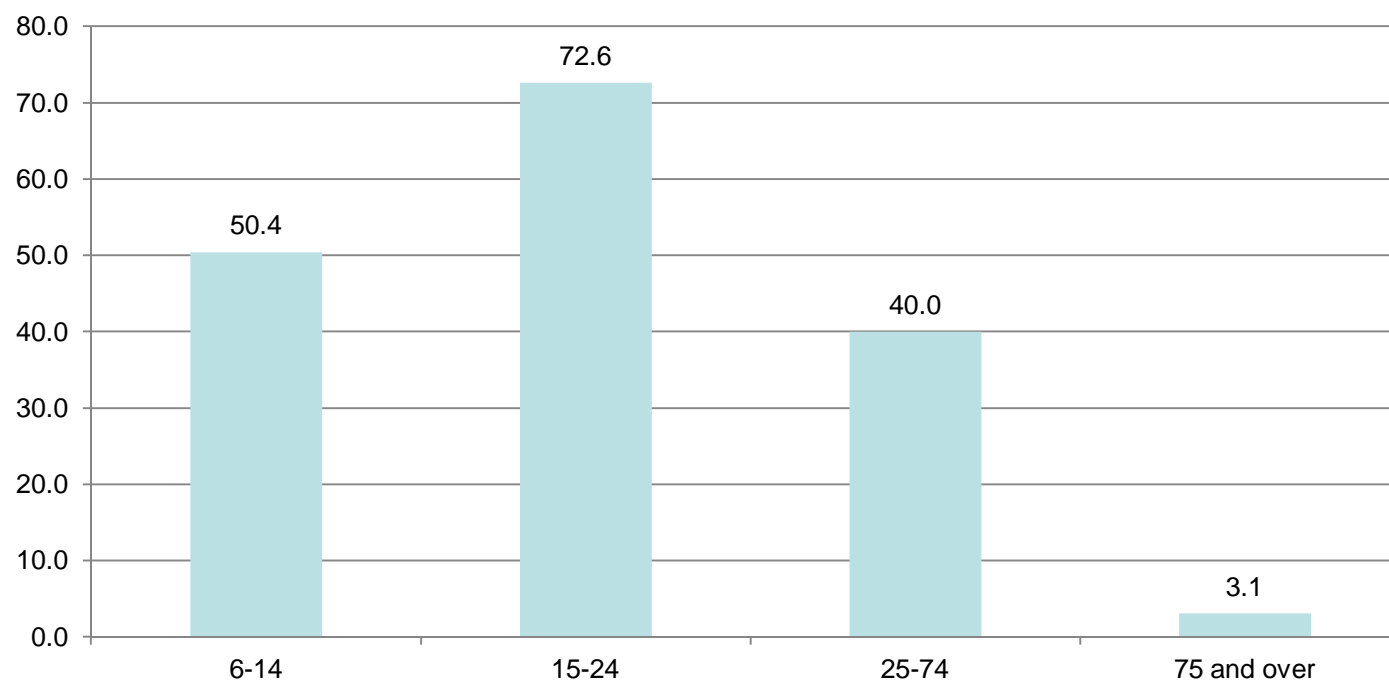
Percentage of population (6 years and older) who used the internet in the last 12 months, by area and gender in 2013



ICT Access and Use by Households and Individuals from the IHS

ICT indicators from IHS

Percentage of population (6 years and older) who used the internet in the last 12 months, by age group in 2013



ICT Access and Use by Households and Individuals in Georgia

Future plans on ICT Indicators

- Adding/improving of certain data
- Regular cooperation with users (first of all the government)
- Sharing experience of best practices in ICT statistics

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Thank you for your attention!