**Introduction**

**Time Use Survey (TUS)** is a household survey which collects data about the time spent by women and men on various activities, including paid and unpaid work, domestic work, care, volunteer activities, learning, cultural and sports activities, socialization, leisure, self-care, etc.
Survey Objectives

➢ The Georgia Time Use Survey (GTUS) was conducted from September 2020 to September 2021 (for the first time)
  ✓ With the financial and technical support of UN Women

➢ Survey Goals
  ✓ To provide internationally comparable time-use data
  ✓ To enlarge and improve gender statistics
  ✓ To obtain essential data for measuring SDG 5.4.1 (Proportion of time spent on unpaid domestic and care work, by sex, age and location)
  ✓ To inform design of policies aimed at strengthening gender equality in Georgia

➢ Conducting TUS is one of the priorities of
  ✓ National Strategy for the Development of Statistics in Georgia (2020-2023)
  ✓ Strategy for Gender Statistics (2021-2023)
The Methodology of the Survey

- Time Use Survey was based on the latest international methodological guidelines
  - HETUS - Methodology, questionnaires and time use diary developed by Eurostat and TUS Working Group
  - ICATUS - Classification developed by the UN - „International Classification of Activities for Time Use Statistics“
- Survey instruments
  - Household Questionnaire
    - Respondent - Informed household adult member
  - Individual Questionnaire
    - Respondent - Every household member 15 years and older
  - Time Use Diary
    - Respondent - Every household member 15 years and older
- Data collection method
  - Face to face Computer Assisted Personal Interview (CAPI) for Household and individual questionnaires (The World Bank’s software “Survey Solutions” was used for preparing electronic questionnaires for tablets)
  - Self administered paper based interview for diaries – to collect data on time use
The survey covered the population 15 years of age or over living in private households across the country excluding the population living in the occupied territories of Georgia (namely the Autonomous Republic of Abkhazia and the Tskhinvali region/South Ossetia).

Sample frame - Population Census 2014 (with listing)

Initial sample size – 3 120 households

3 Domains (for each domain 1,040 households)
1. Tbilisi
2. Other urban areas
3. Rural areas
Sample Design

For each domain

Three-stage Stratified Cluster Random Sampling

Primary Sample Units (PSUs) - Census area units (104)

10 Households (addresses/dwellings) within all selected PSUs (1,040)

All 15+ HH members within the all selected household

Each respondent filled two time use diaries

1. One for weekdays
2. One for weekend
Sample allocation across time

➢ The sample PSUs were allocated across the 52 weeks (for the period of September 7, 2020 – September 5, 2021)
➢ For each week, a total of 6 sampled PSUs were selected
   ➢ Tbilisi - 2 PSU
   ➢ Other urban areas - 2 PSU
   ➢ Rural areas - 2 PSU
Replacement

➢ Replacement was not used for the households who refused

Postponement of diary day

➢ If respondent was not able to fill the diary for the predefined diary day – postponement could be done by:
  ➢ 7 days
  ➢ 14 days
  ➢ 21 days

Interview day - before the diary day for which the diary was filled
Survey Instruments

**Household Questionnaire**
- Respondent - Informed household member aged 15 years or older
- Data collection method - CAPI

**Individual Questionnaire**
- Respondent - All household members aged 15 years and older
- Data collection method - CAPI

**Diary**
- Respondent - All household members aged 15 years and older
- Two diaries per respondent
  - Weekday
  - Weekend
- Data collection method - Self administered paper based interview (field by respondent)
Survey Instruments

HOUSEHOLD QUESTIONNAIRE

INFORMATION ABOUT INTERVIEW

HOUSEHOLD COMPOSITION

CHILDCARE

HOUSEHOLD INCOME

RECEIVING HELP

HOUSING

END OF INTERVIEW
Survey Instruments

INFORMATION ABOUT INTERVIEW → DEMOGRAPHIC CHARACTERISTICS → EMPLOYMENT → SELF-DECLARED LABOUR STATUS

EDUCATION → HEALTH → TIME PRESSURE → OWN CHILDREN UNDER 18 NOT LIVING IN THE DWELLING → END OF INTERVIEW
Survey Instruments

Time Use Diary

- Information about interview
- Detailed instructions and filled diary example
- Activities table
- Subjective appreciation of the day
Activities were recorded for each 10-minute slot for 24 hours period (from 04:00 AM to 04:00 AM)

**Main variables:**
- Main activity
- Parallel activity

**Context variables:**
- **For whom** - For whom the activity was performed (myself, for own household, for other HHs/persons, for work, for community, organization, etc.)
- **IT** - Whether the use of information technology was involved in carrying out the activity (computer, smartphone, internet etc.)
- **Location/Transport** - The physical location where the activity was carried out or, if travelling, how the respondent was travelling
- **With whom** - Who they were with at the time of carrying out the activity (alone, with other HH member, other persons etc.)
### Time Use Diary

<table>
<thead>
<tr>
<th>Time</th>
<th>[MAIN ACTIVITY]</th>
<th>[FOR WHOM]</th>
<th>[PARALLEL ACTIVITY]</th>
<th>[IT]</th>
<th>[LOCATION/TRANSPORT]</th>
<th>[WITH WHOM]</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00-08:10</td>
<td>Woke up the children</td>
<td></td>
<td></td>
<td></td>
<td>At home</td>
<td></td>
</tr>
<tr>
<td>08:10-08:20</td>
<td>Had breakfast</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>08:20-08:30</td>
<td></td>
<td></td>
<td>Watched TV</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>08:30-08:40</td>
<td>Cleared the table</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>08:40-08:50</td>
<td>Helped the children dress</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>08:50-09:00</td>
<td>Went to the kindergarten</td>
<td></td>
<td></td>
<td></td>
<td>On foot</td>
<td></td>
</tr>
<tr>
<td>09:00-09:10</td>
<td>Went to work</td>
<td></td>
<td>Read the newspaper</td>
<td></td>
<td>Bus</td>
<td></td>
</tr>
<tr>
<td>09:10-09:20</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>09:20-09:30</td>
<td>Work</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>09:30-09:40</td>
<td>Use an arrow or citation marks to mark an activity that takes longer than 10 minutes.</td>
<td></td>
<td></td>
<td></td>
<td>Workplace</td>
<td></td>
</tr>
<tr>
<td>09:40-09:50</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>09:50-10:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Methodology Adaptation

<table>
<thead>
<tr>
<th>Adaptation/Modification</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICATUS activity classification is used instead of HETUS</td>
<td>More detailed data is collected on time use - ICATUS - 165 codes; HETUS - 116 codes</td>
</tr>
<tr>
<td>Employment module is modified</td>
<td>Employment data was collected in line with ILO’s latest standards (introduced at Geostat since 2020)</td>
</tr>
<tr>
<td>Housing module was added</td>
<td>Data on number of rooms, usage of durable goods, access on internet etc. were collected</td>
</tr>
<tr>
<td>Education module was modified</td>
<td>Module was adapted in line with national educational system in the country</td>
</tr>
<tr>
<td>Additional variable was added in diary – for whom activity was done</td>
<td>Additional information to better distinguish paid/unpaid work</td>
</tr>
<tr>
<td>Question on functional difficulties was added</td>
<td>Persons with functional difficulties are identified</td>
</tr>
</tbody>
</table>
Challenges

➢ Challenge - survey fieldwork coincided with the period of the COVID-19 pandemic - non-response rate was increased

➢ Measures taken to achieve sufficient response rate:
  1. Increasing of the sample size
     ➢ From November, 2020
     ➢ In Tbilisi - from 10 to 14 HH
     ➢ From June, 2021
     ➢ In Tbilisi - from 14 to 20 HH
     ➢ In other urban areas - from 14 to 20 HH
  2. Suggesting to respondents - filling household and individual questionnaires by telephone interview

➢ Achieved sample size - 3 680 households
  ➢ Response rate - 63.3 %
    ➢ Tbilisi - 49.2%
    ➢ Other urban areas - 66.5%
    ➢ Rural areas - 80.8%
Data Dissemination

- Excel tables
- Time Use Survey Report
- Press Release
- Database
• By age group
• By settlement type
• By employment status
• By education status
• Weekdays and weekends, etc.
The level of participation of the population in different activities during 24 hours, %

- Employment
- Unpaid caregiving services
- Socializing and communication
- Production of goods for own use
- Volunteer and other unpaid work
- Leisure
- Unpaid domestic services
- Learning
- Self-care
SDG 5.4.1. proportion of time spent on unpaid domestic and care work, percent

**By type of settlement**

<table>
<thead>
<tr>
<th>Settlement</th>
<th>Women</th>
<th>Men</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tbilisi</td>
<td>17.5</td>
<td>3.8</td>
<td>11.6</td>
</tr>
<tr>
<td>Other Urban</td>
<td>18.5</td>
<td>3.6</td>
<td>11.2</td>
</tr>
<tr>
<td>Rural</td>
<td>17.2</td>
<td>3.8</td>
<td>11.3</td>
</tr>
<tr>
<td>Georgia</td>
<td>17.8</td>
<td>3.7</td>
<td>11.4</td>
</tr>
</tbody>
</table>

**By age groups**

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Women</th>
<th>Men</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-24</td>
<td>15.6</td>
<td>4.0</td>
<td>10.7</td>
</tr>
<tr>
<td>25-44</td>
<td>23.0</td>
<td>3.9</td>
<td>13.3</td>
</tr>
<tr>
<td>45-64</td>
<td>19.0</td>
<td>4.0</td>
<td>12.2</td>
</tr>
<tr>
<td>55-64</td>
<td>18.3</td>
<td>4.3</td>
<td>12.2</td>
</tr>
<tr>
<td>65 years and over</td>
<td>14.4</td>
<td>4.4</td>
<td>10.7</td>
</tr>
</tbody>
</table>
Thank you for your attention!

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