



Norwegian
Government



TIME USE SURVEY IN GEORGIA

2020/2021



Vasil Tsakadze

Head of Social Statistics Department
National Statistics Office of Georgia
(Geostat)

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



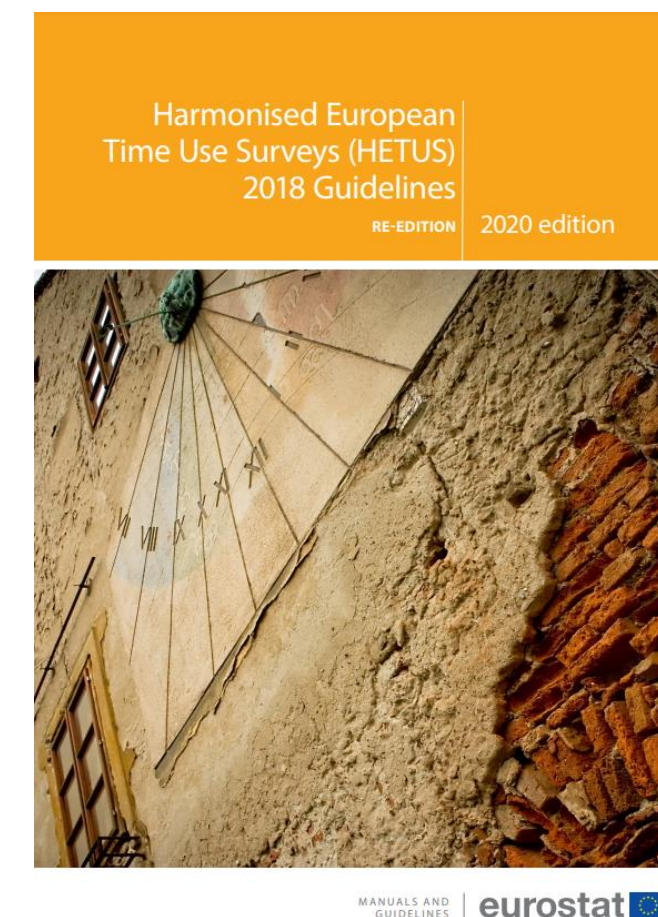
- The Georgia Time Use Survey (GTUS) was conducted from September 2020 to September 2021 (for the first time)
 - ✓ With the financial and technical support of UN Women
- Survey Goals
 - ✓ To provide internationally comparable time-use data
 - ✓ To enlarge and improve gender statistics
 - ✓ To obtain 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



Sample Design



- 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

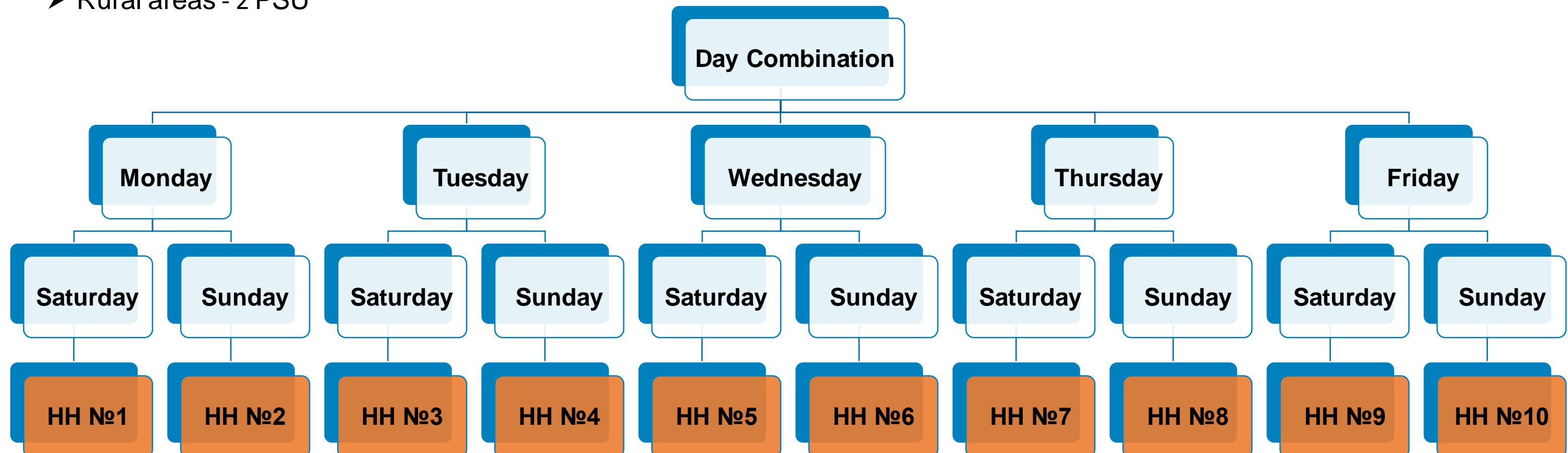
1. One for weekdays
2. One for weekend

Sample Design



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



Sample Design



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

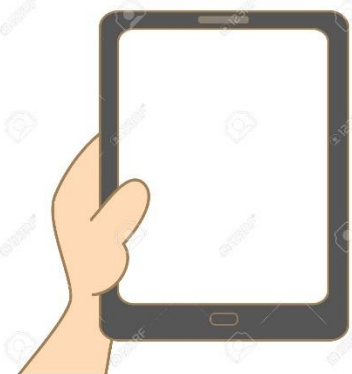


Survey Instruments



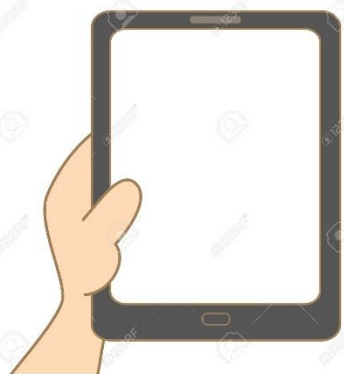
Household Questionnaire

- 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

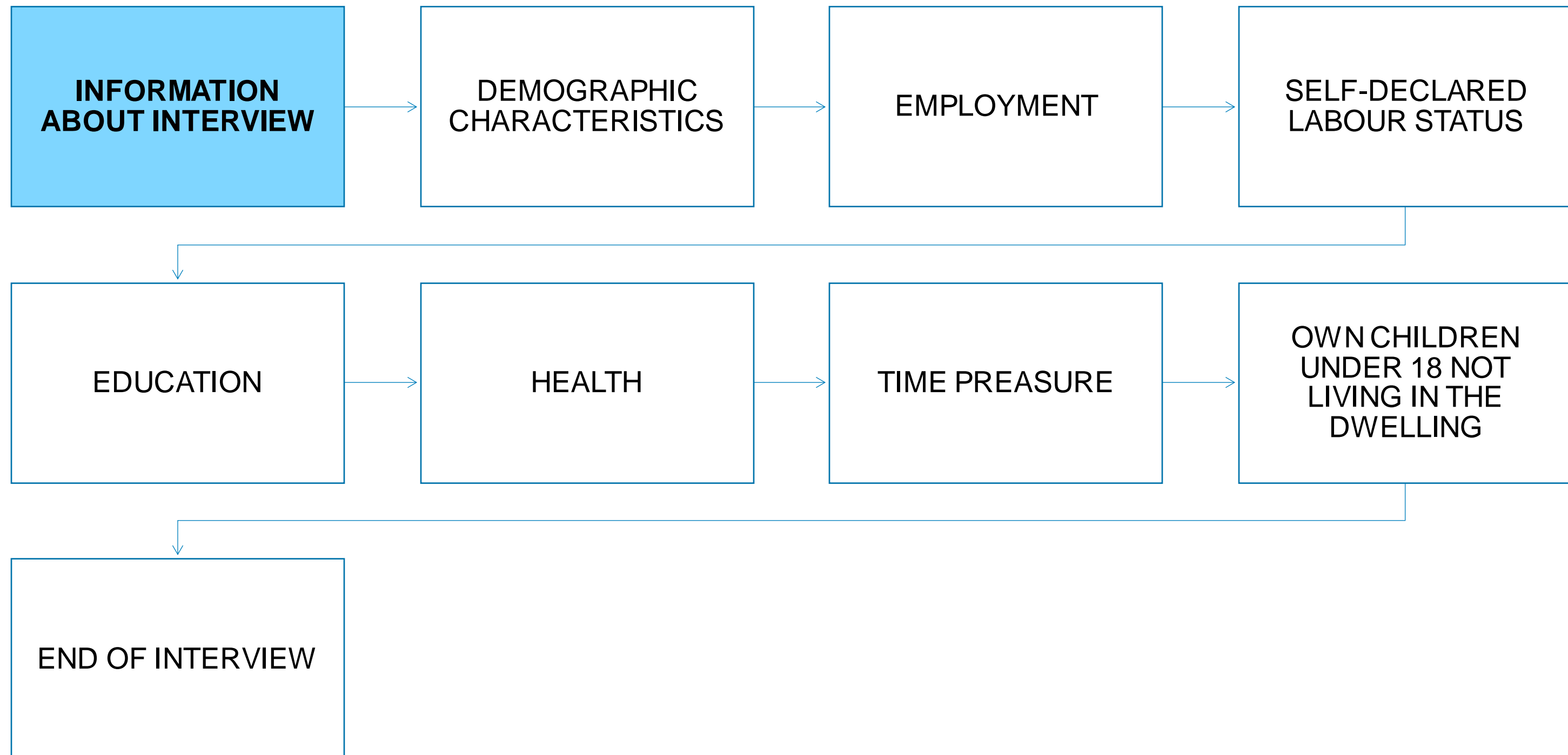
HOUSEHOLD INCOME

RECEIVING HELP

HOUSING

END OF INTERVIEW

Survey Instruments



Survey Instruments



Time Use Diary

Information about interview

Detailed instructions and filled diary example

Activities table

Subjective appreciation of the day

Time Use Diary



- 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



Time	[MAIN ACTIVITY] What were you doing? Record your main activity for each 10-minute period from 08:00 to 10:00! - Only one main activity on each line. - Distinguish between travel and the activity that is the reason for travelling.	[FOR WHOM] Who did you do this for? H column covers volunteer work in professional associations, religious organizations, etc. Mark with "X" if "Yes".					[PARALLEL ACTIVITY] What else were you doing? In case of several parallel activities record the most important.	[IT] Did you use a computer, smart device, internet, online tool, or similar technology or device for doing this? Mark with "X" if "Yes".	[LOCATION/ TRANSPORT] Where were you/How did you move? Record the location or, if traveling, the mode of transport. <i>e.g. at home, at friends' home, at school, at workplace, in restaurant, in shop, on foot, by car, by bus, by bicycle, by motorbike, etc.</i>	[WITH WHOM] Were you alone or together with somebody you know? Mark with "X" if "Yes".						
		Myself	For own Household		For other HHs/ Persons	Work				Comm unity, organization, etc.	Alone (or with unknown persons)	With other household members			Other persons that you know	
			Children (up to 10 years old)	Other HH members								Partner	Parent	Children (up to 10 years old)		Other HH members
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
08:00-08:10	Woke up the children	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	At home	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
08:10-08:20	Had breakfast	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Watched TV	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
08:20-08:30	"-----"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	"-----"	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
08:30-08:40	Cleared the table	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Listen to the music	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
08:40-08:50	Helped the children dress	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	"-----"	<input checked="" type="checkbox"/>	↓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
08:50-09:00	Went to the kindergarten	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	"-----"	<input type="checkbox"/>	On foot	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
09:00-09:10	Went to work	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Read the newspaper	<input type="checkbox"/>	Bus	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
09:10-09:20	"-----"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	"-----"	<input type="checkbox"/>	"-----"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
09:20-09:30	Work					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	Workplace	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
09:30-09:40						<input checked="" type="checkbox"/>	<input type="checkbox"/>	Called the doctor	<input checked="" type="checkbox"/>	↓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
09:40-09:50		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	↓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
09:50-10:00	↓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	↓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Use an arrow or citation marks to mark an activity that takes longer than 10 minutes.

Methodology Adaptation

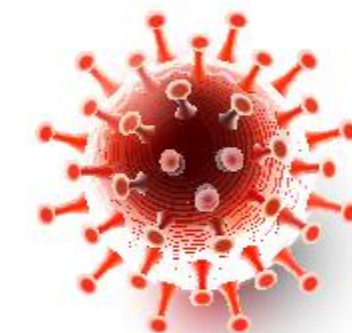


Adaptation/Modification	Result
ICATUS activity classification is used instead of HETUS	More detailed data is collected on time use - ICATUS - 165 codes; HETUS - 116 codes
Employment module is modified	Employment data was collected in line with ILO's latest standards (introduced at Geostat since 2020)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

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%



COVID-19
CORONAVIRUS

Data Dissemination



Excel tables

Time Use Survey Report

Press Release

Database

TIME USE SURVEY
IN GEORGIA
2020-2021



RESEARCH PAPER

TIME TO CARE: UNPAID
WORK AND GENDER
INEQUALITY IN GEORGIA



OCTOBER 2022
UN WOMEN



Data Dissemination



ICATUS code	Major division	Type of time
1	Employment and related activities	Contracted
2	Production of goods for own final use	Contracted
3	Unpaid domestic services for household and family members	Committed
4	Unpaid caregiving services for household and family members	Committed
5	Unpaid volunteer, trainee and other unpaid work	Committed
6	Learning	Contracted
7	Socializing and communication, community participation and religious practice	Free time
8	Culture, leisure, mass media and sports practices	Free time
9	Self-care and maintenance	Necessary time

- By age group
- By settlement type
- By employment status
- By education status
- Weekdays and weekends, etc.

- 1 INTRODUCTION
 - 1.1 Objectives of the Georgia Time Use Survey
 - 1.2 GTUS methodology
 - 1.3 Characteristics of the GTUS respondents

2 PATTERNS OF TIME USE IN GEORGIA

- 2.1 Overview of time use patterns
- 2.2 Contracted time
- 2.3 Committed time
- 2.4 Free time
- 2.5 Necessary time
- 2.6 Time spent travelling
- 2.7 Time use patterns in an average 24-hour day

3 TIME USE OF SELECTED POPULATION GROUPS IN GEORGIA

- 3.1 Time use of parents with children under the age of 15
- 3.2 Time use of youth
- 3.3 Time use of the elderly
- 3.4 Time use of persons with disabilities
- 3.5 Time use by ethnicity

4 SOCIAL AND PERSONAL DIMENSIONS OF TIME USE

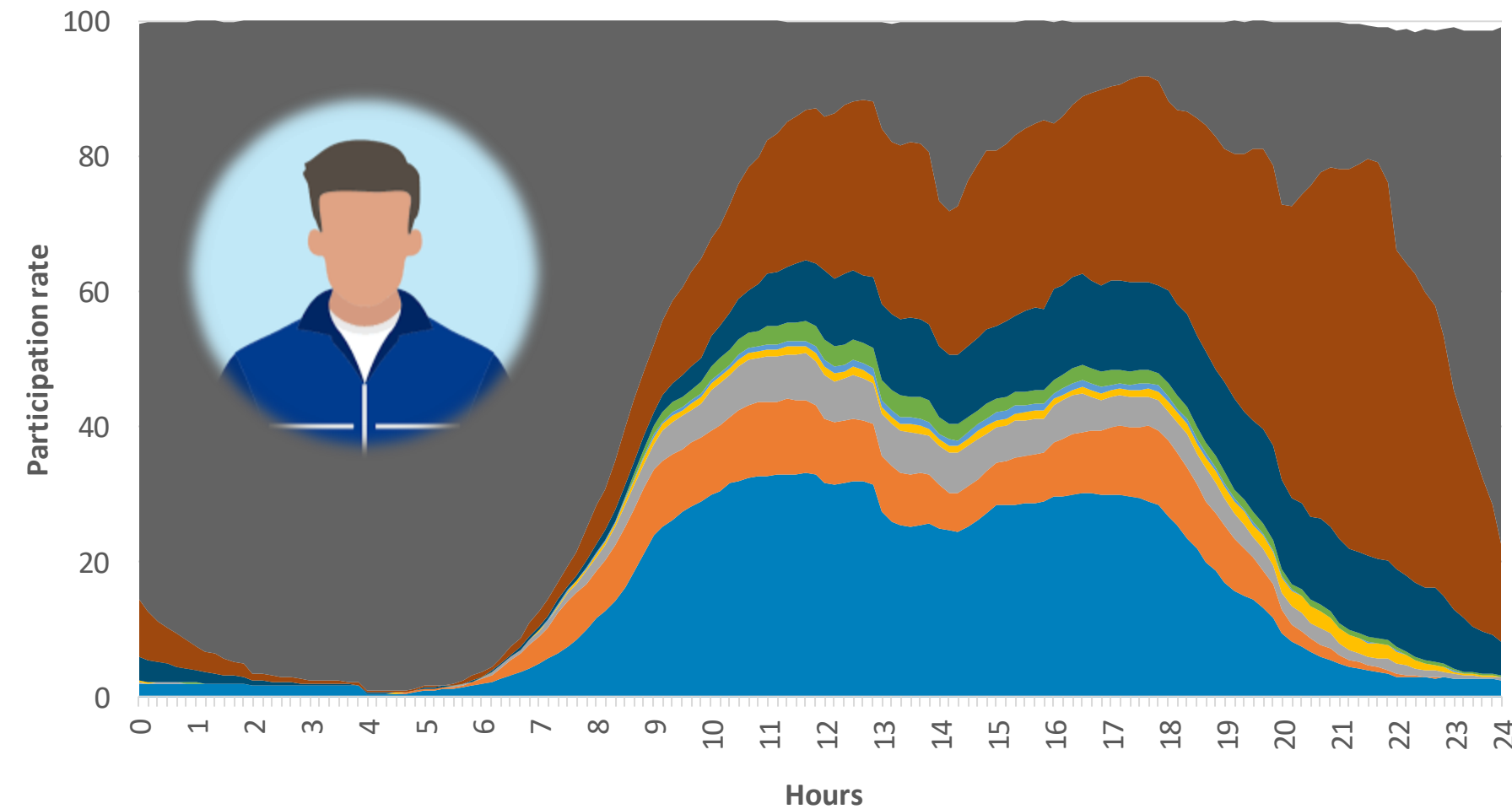
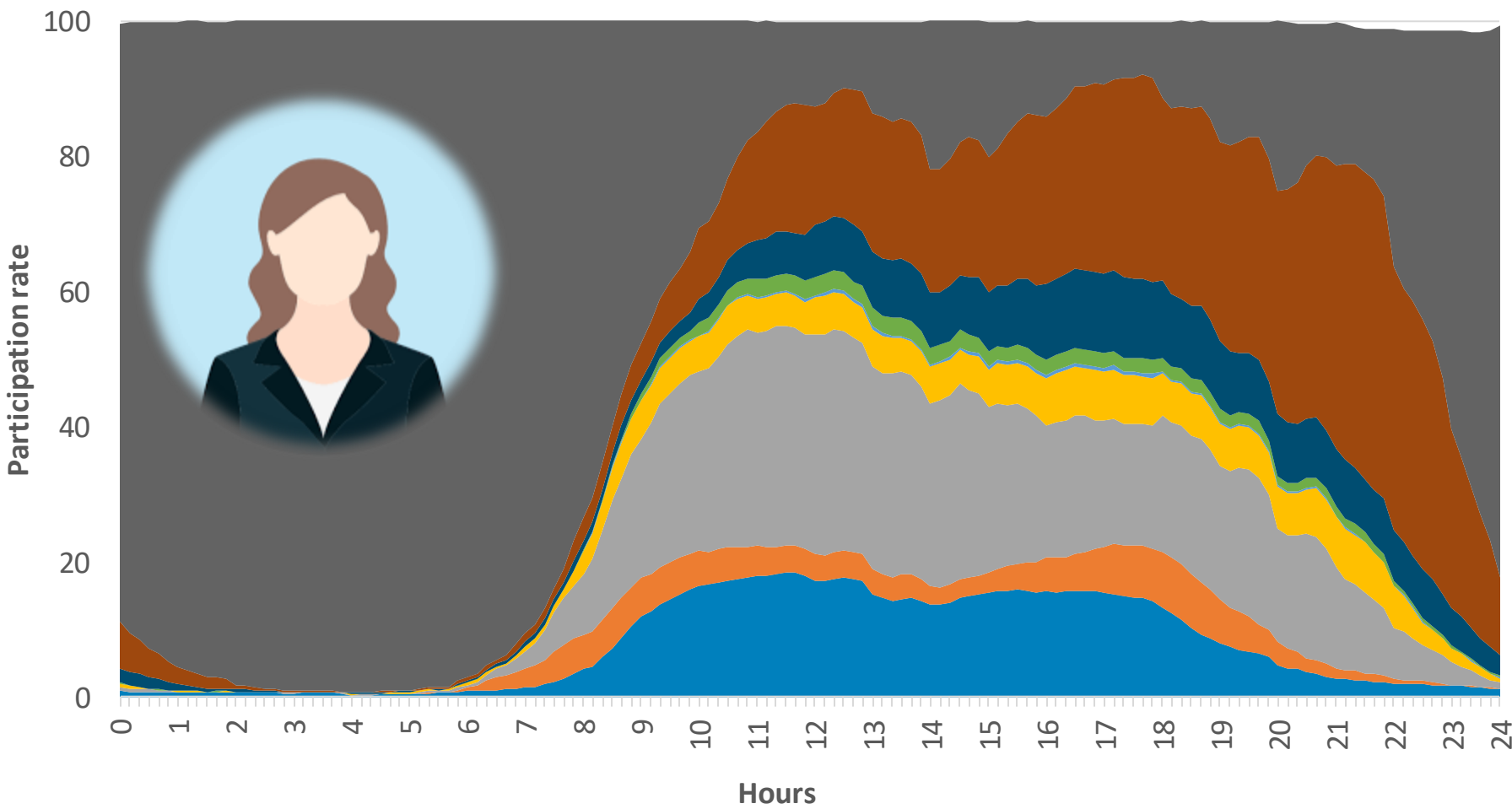
- 4.1 Social context of time use: Alone or with others
- 4.2 Appreciation of the day
- 4.3 Characterizing the activities from pleasant to stressful
- 4.4 Time pressure and work-leisure balance

The level of participation of the population in different activities during 24 hours, %



Women

Men

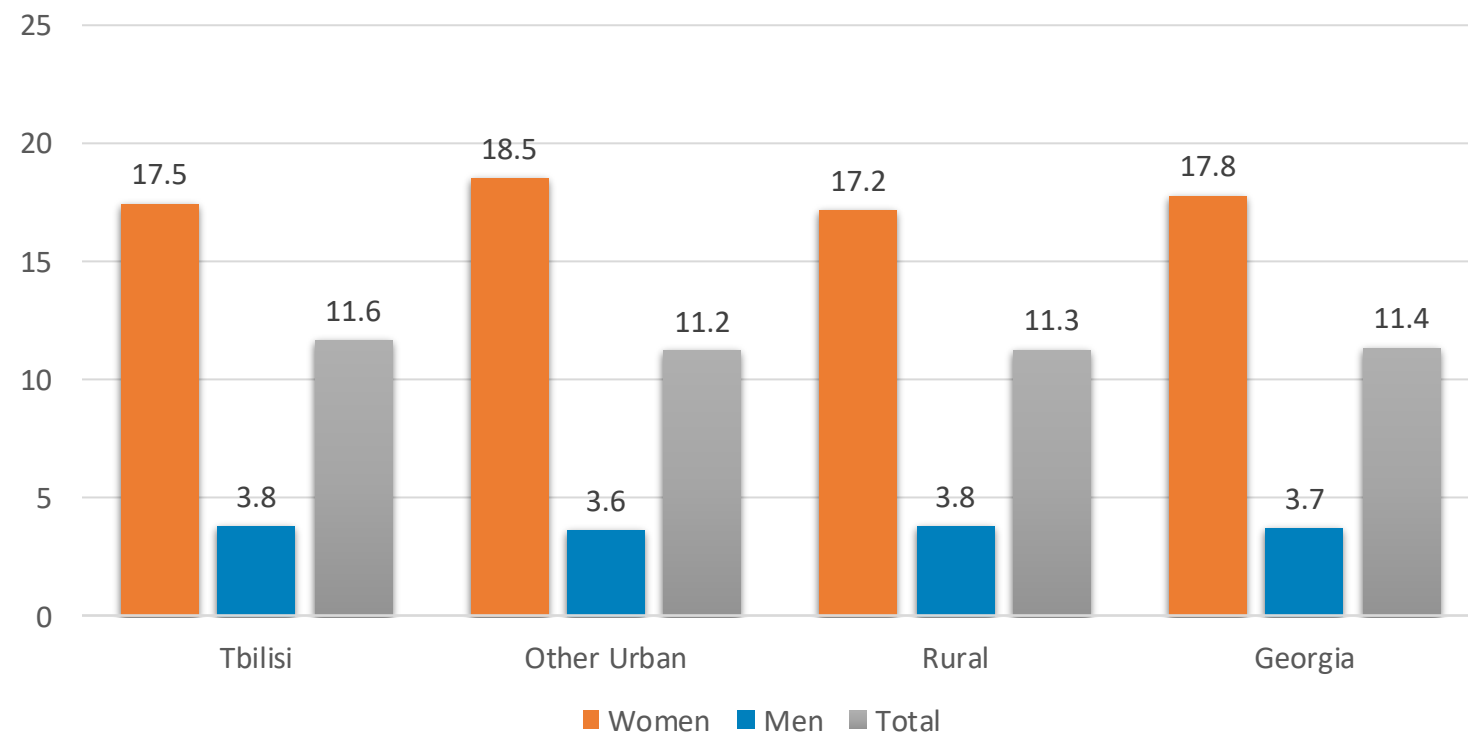


- Employment
- Production of goods for own use
- Unpaid domestic services
- Unpaid caregiving services
- Volunteer and other unpaid work
- Learning
- Socializing and communication
- Leisure
- Self-care

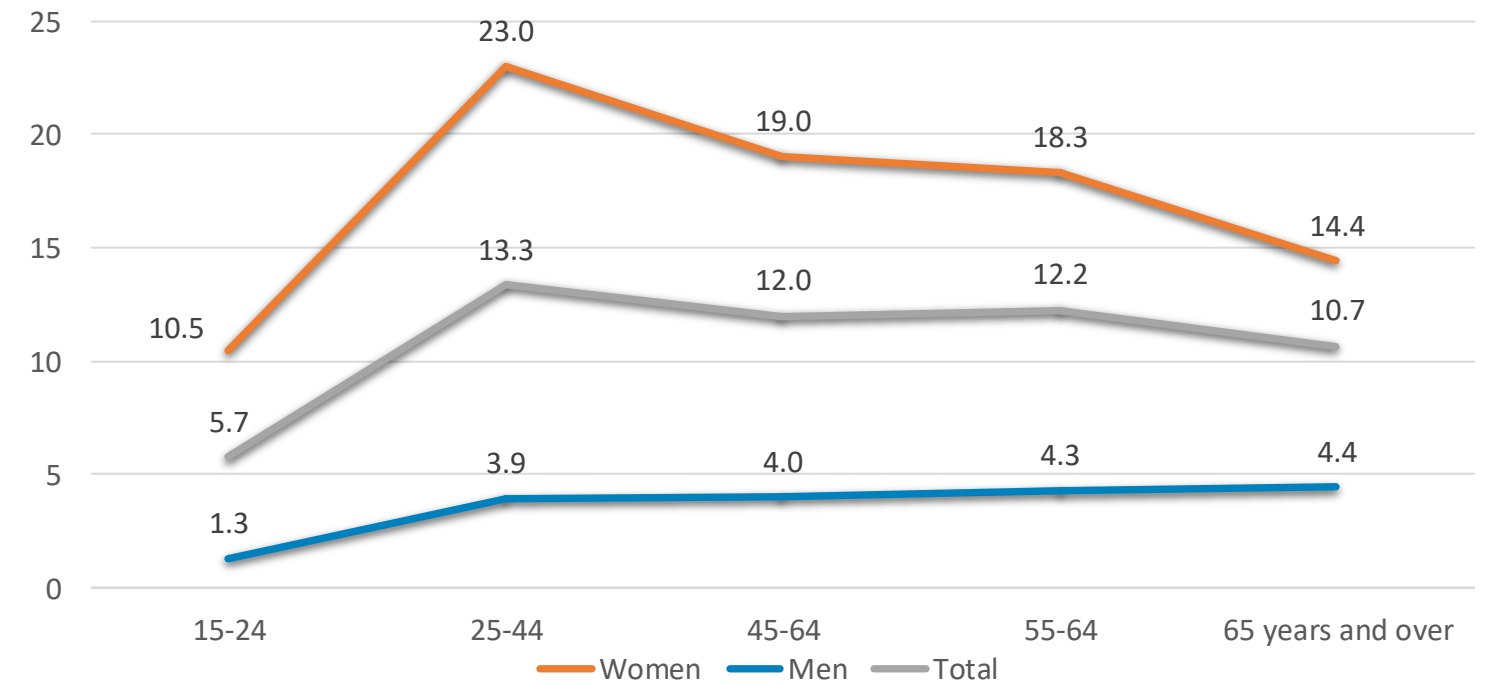
SDG 5.4.1. proportion of time spent on unpaid domestic and care work, percent



By type of settlement



By age groups





Thank you for your attention!

National Statistics Office of
Georgia

vtsakadze@geostat.ge

www.geostat.ge