



Time-use statistics

Measuring unpaid domestic and care work

Regional Workshop on Gender Statistics
6–8 May 2025
Cairo, Arab Republic of Egypt



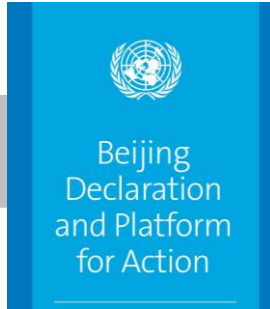
Iliana Vaca Trigo
Statistician
United Nations Statistics Division



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Nations

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Unpaid domestic and care work



📌 Recognition

- Unpaid domestic and care work is essential to family and societal well-being.
- Disproportionate burden on women and calls for its visibility and valuation.

🔗 Measurement & Data

- Calls for sex-disaggregated statistics, including time-use data.
- Recommends measuring unpaid domestic and care work

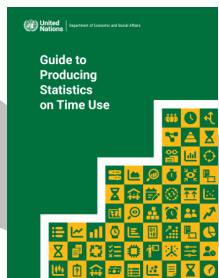
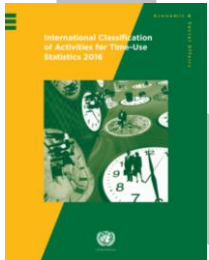
🕒 Policy Guidance

- Urges development of methods to value unpaid work.
- Supports use of data for evidence-based policies to promote:
 - Gender equality
 - Fairer distribution of care responsibilities
 - Recognition in economic and social planning



VALUE UNPAID CARE AND PROMOTE SHARED DOMESTIC RESPONSIBILITIES

Recognize and value unpaid care and domestic work through the provision of public services, infrastructure and social protection policies and the promotion of shared responsibility within the household and the family as nationally appropriate.



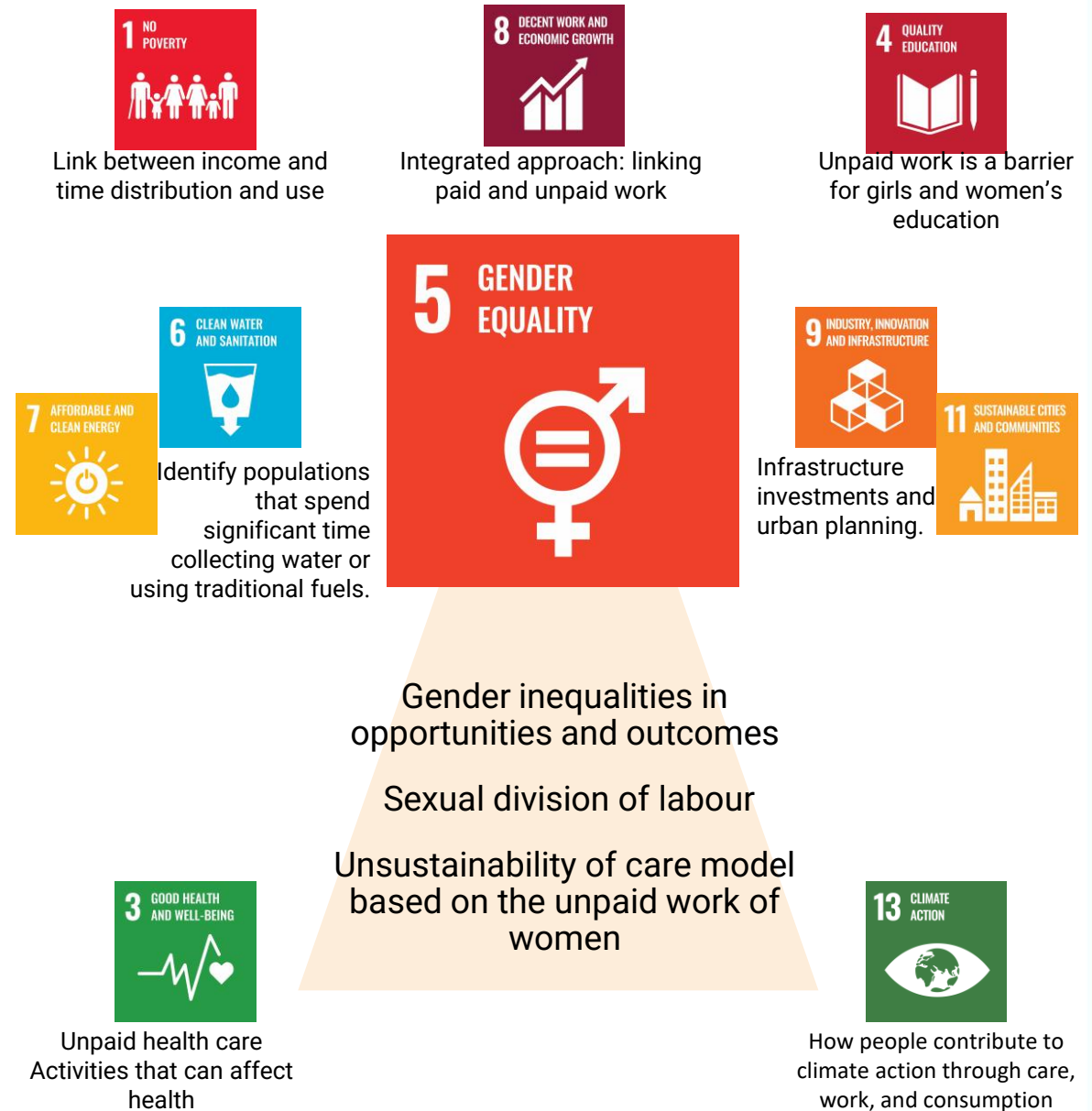
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Time-use statistics

Time-use statistics are **quantitative** summaries of **how individuals “spend” or allocate their time over a specified period** — typically over the **24 hours** of a day

- **What** individuals in the reference population **do** or the **activities** they engage in.
- **How much time** is spent doing each of these activities.



Key facts on unpaid domestic and care work (SDG 5.4.1)

Strengthened care policies, services, jobs and infrastructure are required to recognize, reduce and redistribute the unpaid care and domestic work burden, which is primarily shouldered by women.

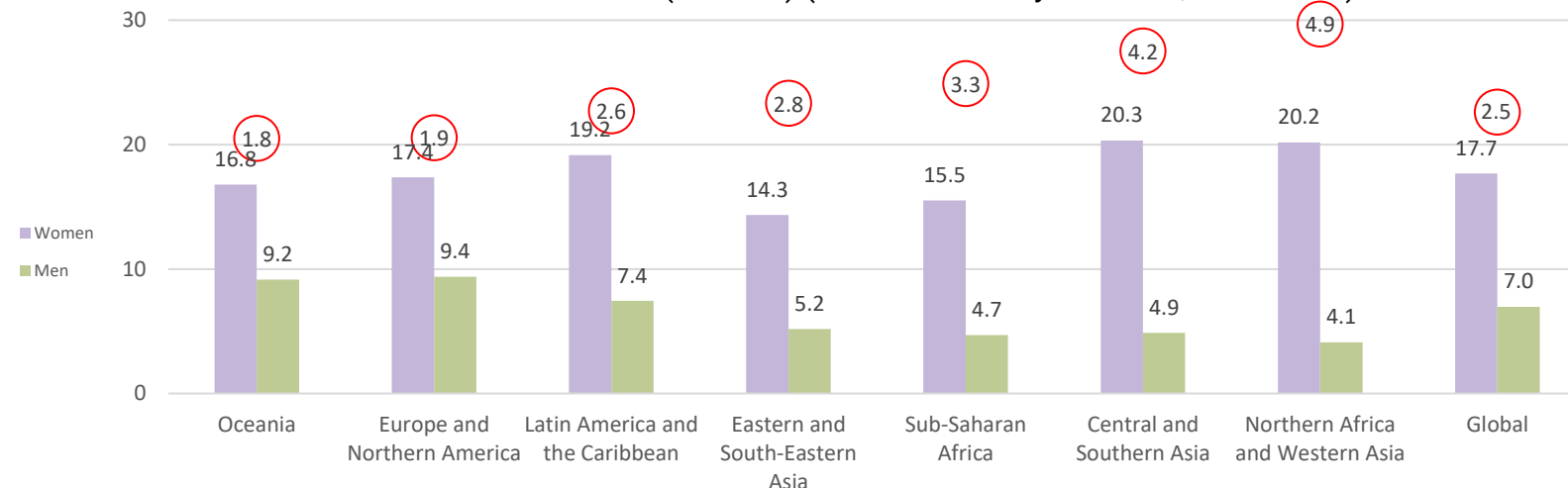


Globally, women spend

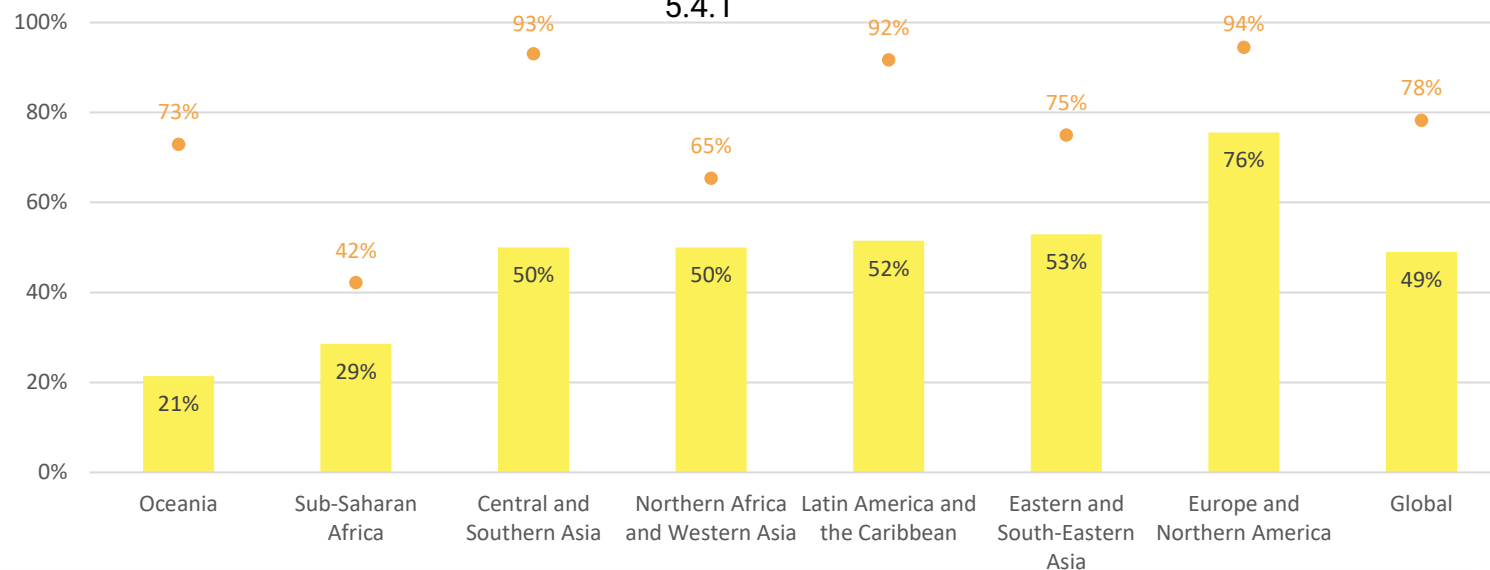
2.5 times

as many hours a day on unpaid care and domestic work as men, including: 3.1 times in sub-Saharan Africa and 4.9 times in Northern Africa and Western Asia.

SDG Indicator 5.4.1 Proportion of time spent on unpaid domestic and care work, by sex and region (bars) and ratio between women and men (bubbles) (latest available year latest, 2000-2023)



Proportion of countries reporting data on (bars) and proportion of population covered by (bubbles) indicator 5.4.1



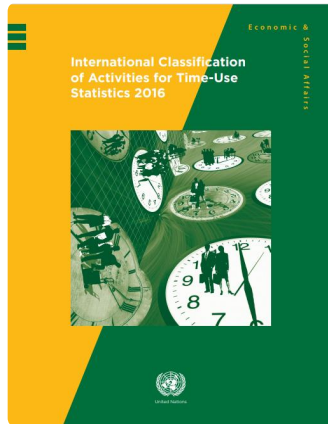
Due to the growing recognition of the importance of time-use data in informing diverse policies, **96 countries** currently report data on SDG indicator 5.4.1. However, there are still significant regional disparities.



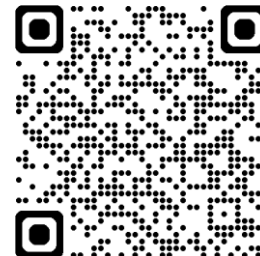
Half of these countries have collected time-use data as a one-time exercise, lacking a sustainable model to ensure which is crucial for designing and monitoring public policies.

International Standards and Tools

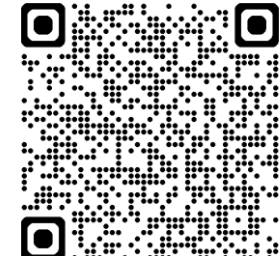
ICATUS 2016



Guide to Producing
Statistics on Time Use



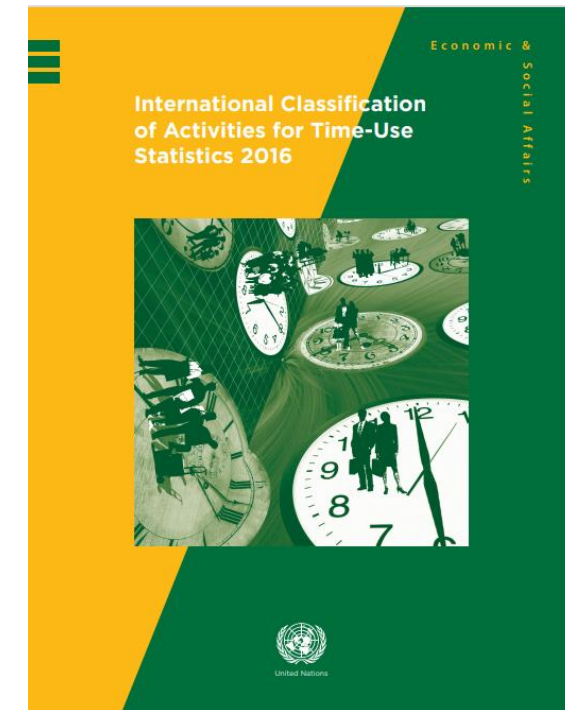
Minimum Harmonized
Instrument



The International Classification of Activities for Time-Use Statistics 2016

ICATUS 2016

- ⌚ Hierarchical classification of all possible activities undertaken by the general population during the 24 hours in a day.
- ⌚ Comparable with other existing time-use classifications
- ⌚ Outcome of a review process that spanned several years and involved contributions from many time-use and classification experts around the world.
- ⌚ Consistent with SNA to allow calculation of aggregates for satellite accounts.
- ⌚ Alignment with the resolution concerning statistics of work, employment and labour underutilization, adopted by the 19th ICLS (2013).
- ⌚ Provides a framework to produce meaningful and comparable statistics on time use across countries and over time
- ⌚ Important tool for monitoring progress made towards the achievement of the SDGs



**The United Nations
Statistical Commission
endorsed ICATUS 2016
for use as an
international statistical
classification during its
forty-eighth session**

ICATUS 2016 conceptual framework

Human
activities

ICATUS 2016 structure

Levels	Digits	Name	Number
First	One-digit	Major Divisions	9
Second	Two-digit	Divisions	56
Third	Three-digit	Group	165

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



ICATUS 2016 structure

Major division	Division	Activity
3		Unpaid domestic services for household and family members
	31	Food and meals management and preparation
	32	Cleaning and maintaining of own dwelling and surroundings
	33	Do-it-yourself decoration, maintenance and repair
	34	Care and maintenance of textiles and footwear
	35	Household management for own final use
	36	Pet care
	37	Shopping for own household and family members
	38	Travelling, moving, transporting or accompanying goods or persons related to unpaid domestic services for household and family members
	39	Other unpaid domestic services for household and family member



ICATUS 2016 structure

Major division	Division	Group	Activity
3			Unpaid domestic services for household and family members
	31		Food and meals management and preparation
		311	Preparing meals/snacks
		312	Serving meals/snacks
		313	Cleaning up after food preparation/meals/snacks
		314	Storing, arranging, preserving food stocks
		319	Other activities related to food and meals management and preparation

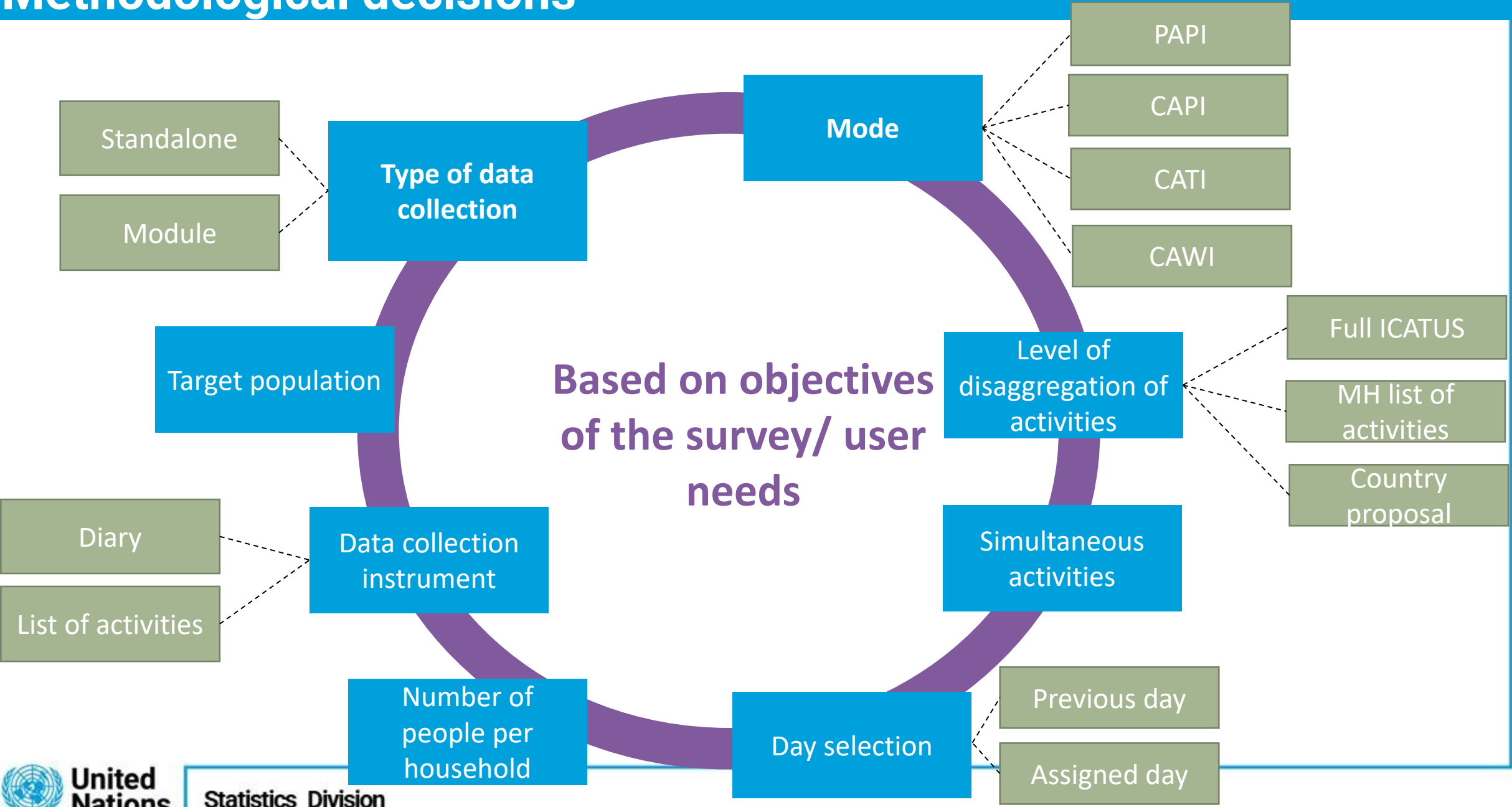


ICATUS 2016 structure

Division/ Group	Activity
311	Preparing meals/snacks
Definition	Refers to preparing food (meals/snacks) for household and family members.
Includes	<ul style="list-style-type: none"> Cooking Heated up some food Made meals, snacks, drinks for own children Preparation of coffee, snacks, aperitifs, meals and so on Prepared a lunch box
Excludes	<ul style="list-style-type: none"> 136 Providing paid domestic services 221 Making, processing food products, beverages and tobacco for own final use 312 Serving meals/snacks 313 Cleaning up after food preparation/meals/snacks 314 Storing, arranging, preserving food stocks 511 Unpaid volunteer household maintenance, management, construction, renovation and repair
Examples	<ul style="list-style-type: none"> Cooked dinner Prepared family lunches



Methodological decisions





Guide statisticians of
**national statistical
offices**

**11 stand-alone
chapters** linked together
through hyperlinks
where relevant

Time-use hub
references and related
materials to
complement the Guide



**Participation of
experts** from national
and international
organizations

Basket of options
Not prescriptive
Covers different
instruments and
modes

Each chapter in the
Guide ends with a
quality checklist

UN Guide to Producing Statistics on Time Use



I

Users' information needs for time-use statistics



II

Scope and coverage of time-use data



III

Survey instruments for collecting time-use data



IV

Survey frameworks for collecting time-use data



V

Sample designs for time-use surveys



VI

Enumeration procedures for time-use surveys



VII

Processing of time-use survey data



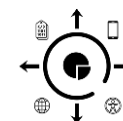
VIII

Weighting and estimation for time-use surveys



IX

Preparation of survey outputs



X

Dissemination of time-use data



XI Ensuring quality of time-use data and surveys



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Paper full diary with fixed intervals: HETUS 2018

Time	What were you doing? <i>Record your main activity for each 10-minute period from 07.00 to 10.00!</i> Only one main activity on each line! Distinguish between travel and the activity that is the reason for travelling.	What else were you doing? <i>Record the most important parallel activity.</i>	Did you use a computer, smart device, internet, online tool, or similar technology or device for doing this?	Where were you? <i>Record the location or the mode of transport.</i> e.g. at home, at friends' home, at school, at workplace, in restaurant, in shop, on foot, on bicycle, in car, on motorbike, on bus, ...	Were you alone or together with somebody you know? <i>Mark "yes" by crossing</i>					
			Yes		Alone (or with unknown persons)	With other household members				Other persons that you know
						Partner	Parent	Children (up to 17 years)	Other household member	
07:00-07:10	Got out of bed	Use an arrow, citation marks or the like to mark an activity that takes longer than 10 minutes.	<input type="checkbox"/>	At home	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
07:10-07:20	Took a shower		<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
07:20-07:30	<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"/>
07:30-07:40	Made breakfast	Talked to my wife	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
07:40-07:50	<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"/>
07:50-08:00	Had breakfast	Read online newspaper	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
08:00-08:10	<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"/>
08:10-08:20	<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"/>
08:20-08:30	Cleared the table	Listened to the radio	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
08:30-08:40	Dressed	<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"/>
08:40-08:50	<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"/>
08:50-09:00	Waited for a taxi to go to doc	Talked to my wife	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
09:00-09:10	Went to the doctor		<input type="checkbox"/>	Taxi	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
09:10-09:20	Waitin in doctor's wating room	Listened to the music	<input checked="" type="checkbox"/>	Doctor's waiting room	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
09:20-09:30	Had a medical examination		<input type="checkbox"/>	Doctor's room	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
09:30-09:40			<input 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 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Minimum Harmonized Instrument for the collection of time-use data

- Why and when using it?
 - For more frequent collections
 - As a starting point for countries not already collecting time-use data
 - To facilitate the inclusion of time-use modules in household surveys
- What does it consist of?
 - Essential Background characteristics
 - Minimum individual and household data
 - List of 25 activities covering a 24-hour period
 - Light diary survey option
 - Stylized questionnaire survey option
- International comparability
 - Correspondence table for activities between MHI and regional classifications (the Harmonized European Time-Use Surveys Classification (HETUS), CAUTAL)



Minimum activity list

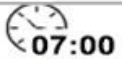
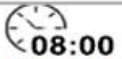



1. Working in paid job or income generating activities
2. Making goods for own household or family use
3. Volunteer work
4. Preparing and serving food and meals for own household or family members
5. Cleaning own or family dwelling
6. Maintaining and making small repairs in own or family dwelling
7. Cleaning and care of clothing and footwear of own household or family members
8. Managing own household
9. Taking care of pet of own household or family
10. Shopping for own household or family
11. Taking care of own (household or family) child
12. Taking care of or helping adults (own household or family)
13. Education
14. Socializing and communication
15. Community participation, civic and related responsibilities, and religious practices
16. Cultural, entertainment and sports events
17. Hobbies, games and other pastime activities
18. Sport participation and exercising
19. Reading for leisure
20. Watching TV/Listening to radio or streaming
21. Sleep
22. Eating and drinking
23. Personal hygiene and care
24. Travel
25. Other

SDG 5.4.1



Light diary with fixed intervals: Italy 2023

ACTIVITIES
26 pre-coded

Che cosa sta facendo?		Indichi una attività o al massimo due per ogni colonna, ad intervalli di tempo di 10 minuti!	 07:00 10 20 30 40 50	 08:00 10 20 30 40 50	 09:00 10 20 30 40 50	 10:00 10 20 30 40 50	 11:00 10 20 30 40 50	
Cura personale	Dormire	01	X	X				01
	Mangiare, bere	02		X				02
	Igiene e cura personale	03		X	X			03
Spostamenti	Spostarsi per svolgere delle attività	04		X	X			04
Lavoro	Lavoro	05			X	X		05
Scuola	Scuola, università, corsi	06						06
Cura della casa e della famiglia	Cucinare, apparecchiare/sparecchiare, lavare i piatti	07		X				07
	Pulire, riordinare la casa, giardinaggio	08						08
	Lavare, stirare e mettere a posto panni	09						09
	Cura di animali da compagnia	10						10
	Manutenzione, riparazioni (casa, veicoli)	11						11
	Spesa, shopping, altri acquisti di beni	12		X				12
	Acquisto servizi e altra gestione della casa e della famiglia	13						13
	Cura di bambini/ragazzi della famiglia	14						14
	Cura e aiuti ad adulti della famiglia	15						15
	Produzione di beni per la propria famiglia	16						16
Tempo libero	Parlare, socializzare, uso social media	17						17
	Assistere a spettacoli, mostre, musei	18						18
	Passeggiate, sport	19						19
	Leggere	20						20
	Guardare/ascoltare TV, video, radio, musica	21		X				21
	Passatempo, giochi e altre attività di tempo libero	22						22
Volontariato e aiuti	Volontariato in gruppi o associazioni	23						23
	Aiuti diretti ad altre famiglie, comunità, ambiente	24						24
Partecipazione	Partecipazione religiosa e sociale	25						25
Altra attività	Specificare:	26						26
Sta usando Internet?			07:00 10 20 30 40 50	08:00 10 20 30 40 50	09:00 10 20 30 40 50	10:00 10 20 30 40 50	11:00 10 20 30 40 50	
Indichi se sta usando Internet, Smartphone, Pc o altri dispositivi		27		X				27
Dove si trova o come si sta spostando?			07:00 10 20 30 40 50	08:00 10 20 30 40 50	09:00 10 20 30 40 50	10:00 10 20 30 40 50	11:00 10 20 30 40 50	
Luogo	A casa	28	X	X				28
	Luogo di lavoro/Scuola	29			X			29
	Altro luogo	30						30
Mezzo	A piedi/bici	31		X				31
	Mezzo pubblico (treno, autobus, metro...)	32		X	X			32
	Mezzo privato (auto, moto)	33						33
È da solo o con persone che conosce?			07:00 10 20 30 40 50	08:00 10 20 30 40 50	09:00 10 20 30 40 50	10:00 10 20 30 40 50	11:00 10 20 30 40 50	
Con chi sta	Da solo, con sconosciuti	34		X	X			34
	Con persone conviventi	35		X	X			35
	Con persone non conviventi	36			X	X		36

ICT use

LOCATION
6 pre-coded

With whom
3 Pre-coded

Minimum variables to be collected as background characteristics in time-use surveys

Household level	Individual level
<input type="checkbox"/> Minimum	
<input type="checkbox"/> Household size <input type="checkbox"/> Household composition: classification based on age and sex <input type="checkbox"/> Place of residence (urban/rural) <input type="checkbox"/> Household income	<input type="checkbox"/> Age <input type="checkbox"/> Sex <input type="checkbox"/> Marital status* <input type="checkbox"/> Educational attainment* <input type="checkbox"/> Current school attendance (and grade*) <input type="checkbox"/> Current employment status* <input type="checkbox"/> Labour force status * <input type="checkbox"/> Labour force status of spouse/partner*
Additional as relevant in national context	
<input type="checkbox"/> Access and use of care services <input type="checkbox"/> Presence of persons requiring help with activities of daily living <input type="checkbox"/> Access to utilities <input type="checkbox"/> Household wealth	<input type="checkbox"/> Disability status* <input type="checkbox"/> Race/ethnicity <input type="checkbox"/> General health status <input type="checkbox"/> Access to time-keeping devices*

* only individuals selected as respondents

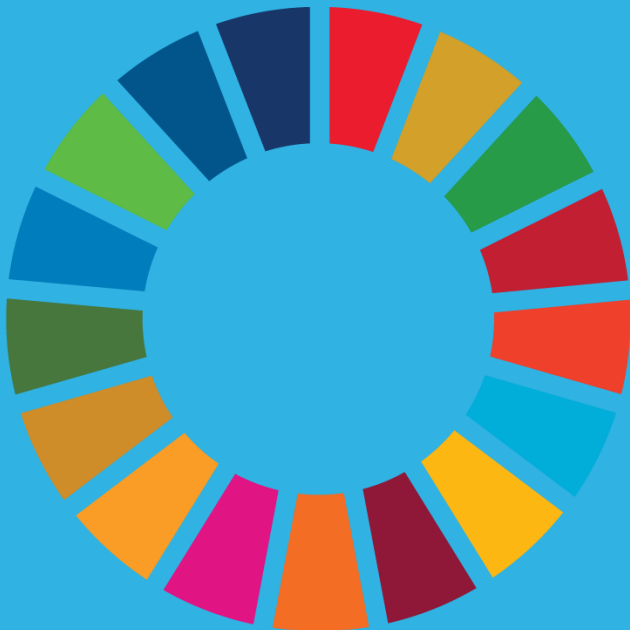


Digital light diary instrument

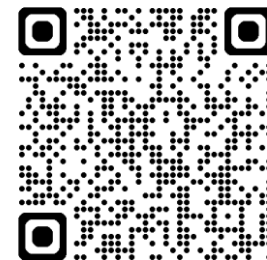
- ⌚ Permits self-completion by respondent and/or interviewer-assisted setting
- ⌚ Drop down list of activities to select from as well as pre-defined contextual information associated to the activity
- ⌚ Contextual variables: Location, With whom, For whom, Information and Communication Technology (ICT) use
- ⌚ Collect at least one simultaneous activity using a pre-defined list which is a subset of the MHI list
- ⌚ Quality checks to be built within the instrument for travel and basic physical needs such as eating and ensure a whole 24 hours was described

Target 5.4: Recognize and value unpaid care and domestic work through the provision of public services, infrastructure and social protection policies and the promotion of shared responsibility within the household and the family as nationally appropriate

Indicator 5.4.1: Proportion of time spent on unpaid domestic and care work, by sex, age and location



Metadata





Sustainable Development Goals indicator 5.4.1:

Proportion of time spent on unpaid domestic and care work

Key concepts, definitions and classifications:

Unpaid domestic and care work refers to activities related to the provision of services for own final use by household members, or by family members living in other households. These activities are listed in ICATUS under the major divisions

3. Unpaid domestic services for household and family members

Activities including food and meals management preparation, cleaning and maintaining of own dwelling and surroundings, do-it-yourself decoration, maintenance and repair of personal and household goods, care and maintenance of textiles and footwear, household management, pet care, shopping for own household and family members and travel related to previous listed unpaid domestic services.

4. Unpaid caregiving services for household and family members

Activities related to childcare and instruction, care of the sick, elderly, or disabled household and family members, and travel related to these unpaid caregiving services

Unit of measure:

Percent (%) (proportion of time in a day)

Sustainable Development Goals indicator 5.4.1: Proportion of time spent on unpaid domestic and care work

$$\text{Proportion of time spent on unpaid domestic and care work} = \frac{\text{Average number of hours spent daily on unpaid domestic and care work}}{24} * 100$$

Where:

Average number of hours spent daily on unpaid domestic and care work

$$= \frac{\text{Total number of daily hours spent by the population on unpaid domestic and care work activities}}{\text{Total population (regardless of whether they participated in the activity)}}$$

daily hours spent on unpaid domestic work = Total number of daily hours spent by the population on activities under ICATUS 3

daily hours spent on unpaid care work = Total number of daily hours spent by the population on activities under ICATUS 4

	Time-use activities									
	ICATUS 1	ICATUS 2	ICATUS 3	ICATUS 4	ICATUS 5	ICATUS 6	ICATUS 7	ICATUS 8	ICATUS 9	Total (in hours per day)
Person	Employment and related activities	Production of goods for own final use	Unpaid domestic services for household and family members	Unpaid caregiving services for household and family members	Unpaid volunteer, trainee and other unpaid work	Learning	Socializing and communication , community participation and religious practice	Culture, leisure, mass media and sports practices	Self-care and maintenance	
Person 1	3.5	0	4	2	0.5	0	1	1	12	24
Person 2	0	0	5	6.5	2	0	1	1.5	8	24
Person 3	9	0	0	0	0	3.5	0.5	2	9	24
Person 4	8	0	1.5	1.5	0	0	0	3.5	9.5	24
Person 5	2	5	4	3	0	0	1	0	9	24
Person 6	0	0	3	2.5	0	7	1	2	8.5	24
Person 7	8	0	3	0	0	1	0.5	1.5	10	24
Person 8	0	5	5	4	0	0	1	0.5	8.5	24
Person 9	0	0	0	0	0	9	1	6	8	24
Person 10	0	0	2.75	2	1	8	0.5	0.75	9	24

	Time-use activities									
	ICATUS 1	ICATUS 2	ICATUS 3	ICATUS 4	ICATUS 5	ICATUS 6	ICATUS 7	ICATUS 8	ICATUS 9	Total (in hours per day)
Person	Employment and related activities	Production of goods for own final use	Unpaid domestic services for household and family members	Unpaid caregiving services for household and family members	Unpaid volunteer, trainee and other unpaid work	Learning	Socializing and communication , community participation and religious practice	Culture, leisure, mass media and sports practices	Self-care and maintenance	
Person 1	3.5	0	4	2	0.5	0	1	1	12	24
Person 2	0	0	5	6.5	2	0	1	1.5	8	24
Person 3	9	0	0	0	0	3.5	0.5	2	9	24
Person 4	8	0	1.5	1.5	0	0	0	3.5	9.5	24
Person 5	2	5	4	3	0	0	1	0	9	24
Person 6	0	0	3	2.5	0	7	1	2	8.5	24
Person 7	8	0	3	0	0	1	0.5	1.5	10	24
Person 8	0	5	5	4	0	0	1	0.5	8.5	24
Person 9	0	0	0	0	0	9	1	6	8	24
Person 10	0	0	2.75	2	1	8	0.5	0.75	9	24



	ICATUS 3	ICATUS 4	
Person	Unpaid domestic services for household and family members	Unpaid caregiving services for household and family members	Total (in hours per day)
Person 1	4	2	6
Person 2	5	6.5	11.5
Person 3	0	0	0
Person 4	1.5	1.5	3
Person 5	4	3	7
Person 6	3	2.5	5.5
Person 7	3	0	3
Person 8	5	4	9
Person 9	0	0	0
Person 10	2.75	2	4.75

Total population=10

Number of persons who reported doing the activity = 8

Total time spend on unpaid domestic and care work = 49.75

Average number of hours spent daily on unpaid domestic and care work

$$= \frac{\text{Total number of daily hours spent by the population on unpaid domestic and care work activities}}{\text{Total population (regardless of whether they participated in the activity)}}$$

	ICATUS 3	ICATUS 4	
Person	Unpaid domestic services for household and family members	Unpaid caregiving services for household and family members	Total (in hours per day)
Person 1	4	2	6
Person 2	5	6.5	11.5
Person 3	0	0	0
Person 4	1.5	1.5	1.5
Person 5	4	3	6
Person 6	3	2.5	3
Person 7	3	0	2
Person 8	5	4	9
Person 9	0	0	0
Person 10	2.75	2	0.75

Total population=10

Total time spend on unpaid domestic and care work = 49.75

Average number of hours spent daily on unpaid domestic and care work

$$= \frac{\text{Total number of daily hours spent by the population on unpaid domestic and care work activities}}{\text{Total population (regardless of whether they participated in the activity)}}$$

$$= \frac{49.75}{10} = 4.975$$

Proportion of time spent on unpaid domestic and care work

$$= \frac{\text{Average number of hours spent daily on unpaid domestic and care work}}{24} * 100$$

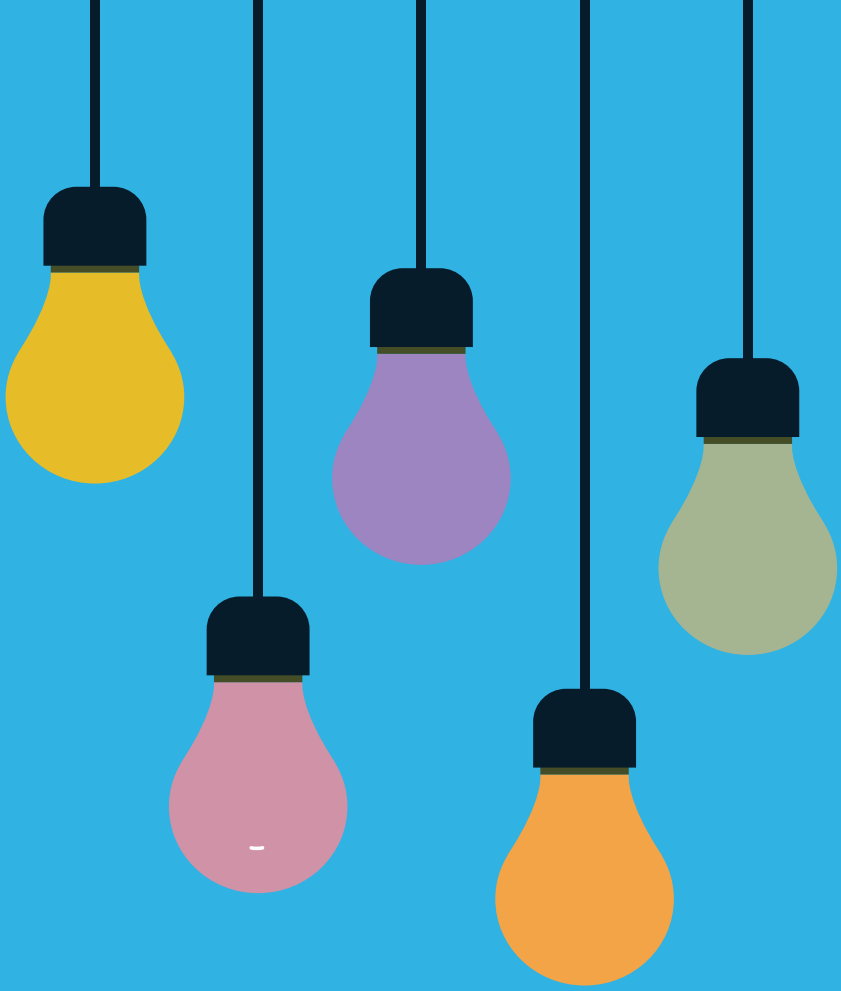
$$= \frac{4.975}{24} * 100$$

$$= 20.7\%$$

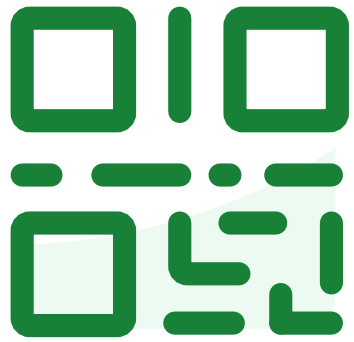


Thank you!





Brainstorming Questions



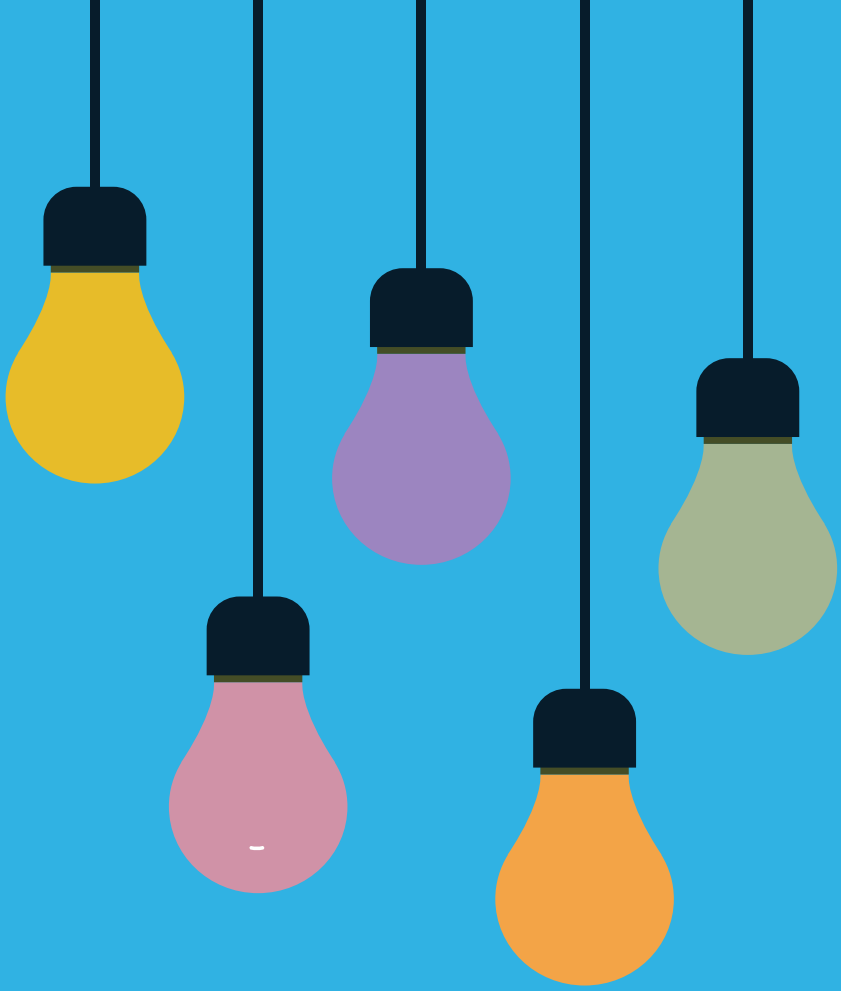
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What types of policies could benefit from detailed time-use data in your countries?



What challenges might national statistical offices face in collecting accurate time-use data?



**Test your
knowledge**



How would you classify the following activity:
Helping my elderly mother get dressed



Yesterday, between 4:00 pm and 4:30 pm, I was looking after children. How do you classify this activity (mark all that apply)?

Test your knowledge

Does the **background questionnaire** specify that the respondent is a nanny/babysitter as a job or income-generating activity?
Or does a **contextual variable** indicate that the activity is for pay or profit

Looking after children

Yes

PAID WORK

1. Employment and related activities

No

UNPAID WORK

“For whom” was this activity carried out

Household or family members

4 Unpaid caregiving services for household and family members

Others

5 Unpaid volunteer, trainee and other unpaid work



**Select the activities that count toward
SDG 5.4.1 on unpaid domestic and care
work**

Using the following data compute SDG indicator 5.4.1

	Time-use activities									
	ICATUS 1	ICATUS 2	ICATUS 3	ICATUS 4	ICATUS 5	ICATUS 6	ICATUS 7	ICATUS 8	ICATUS 9	
Person	Employment and related activities	Production of goods for own final use	Unpaid domestic services for household and family members	Unpaid caregiving services for household and family members	Unpaid volunteer, trainee and other unpaid work	Learning	Socializing and communication, community participation and religious practice	Culture, leisure, mass media and sports practices	Self-care and maintenance	Total (in hours per day)
Person 1	7	0	2	1	0	0	1	1	12	24
Person 2	0	0	0	0	1	8	2	3	10	24
Person 3	9	0	0	0	0	3	1	2	9	24
Person 4	8	0	0.5	1.5	0	0	0.5	2.5	11	24
Person 5	0	3	1	2	0	6	1	1	10	24
Person 6	4	0	0.5	0	0	7	1	2	9.5	24
Person 7	8	0	1	3	0	0	1	1	10	24
Person 8	4.5	6	3	0	0	0	2	0.5	8	24
Person 9	0	0	0	0	0	8	1	6	9	24
Person 10	5	0	0.75	0	0	8	1	0.75	8.5	24

	ICATUS 3	ICATUS 4	
Person	Unpaid domestic services for household and family members	Unpaid caregiving services for household and family members	Total (in hours per day)
Person 1	2	1	3
Person 2	0	0	0
Person 3	0	0	0
Person 4	0.5	1.5	2
Person 5	1	2	3
Person 6	0.5	0	0.5
Person 7	1	3	4
Person 8	3	0	3
Person 9	0	0	0
Person 10	0.75	0	0.75

Total population=10

Total time spend on unpaid domestic and care work = 16.25

Average number of hours spent daily on unpaid domestic and care work

$$= \frac{\text{Total number of daily hours spent by the population on unpaid domestic and care work activities}}{\text{Total population (regardless of whether they participated in the activity)}}$$

$$= \frac{16.25}{10} = 1.625$$

Proportion of time spent on unpaid domestic and care work

$$= \frac{\text{Average number of hours spent daily on unpaid domestic and care work}}{24} * 100$$

$$= \frac{1.625}{24} * 100$$

$$= 6.8\%$$



Thank you!