

Other critical aspects of ICATUS 2016

United Nations Statistics Division
Social and Housing Statistics Section





Time Use Surveys: Process



Objectives

- Define the objectives of the Time Use Survey
- Define scope and coverage of time use data



Instruments

- Develop instruments for collecting time use data and classification
- Define survey framework (type of household survey, mode of data collection)



Sample design

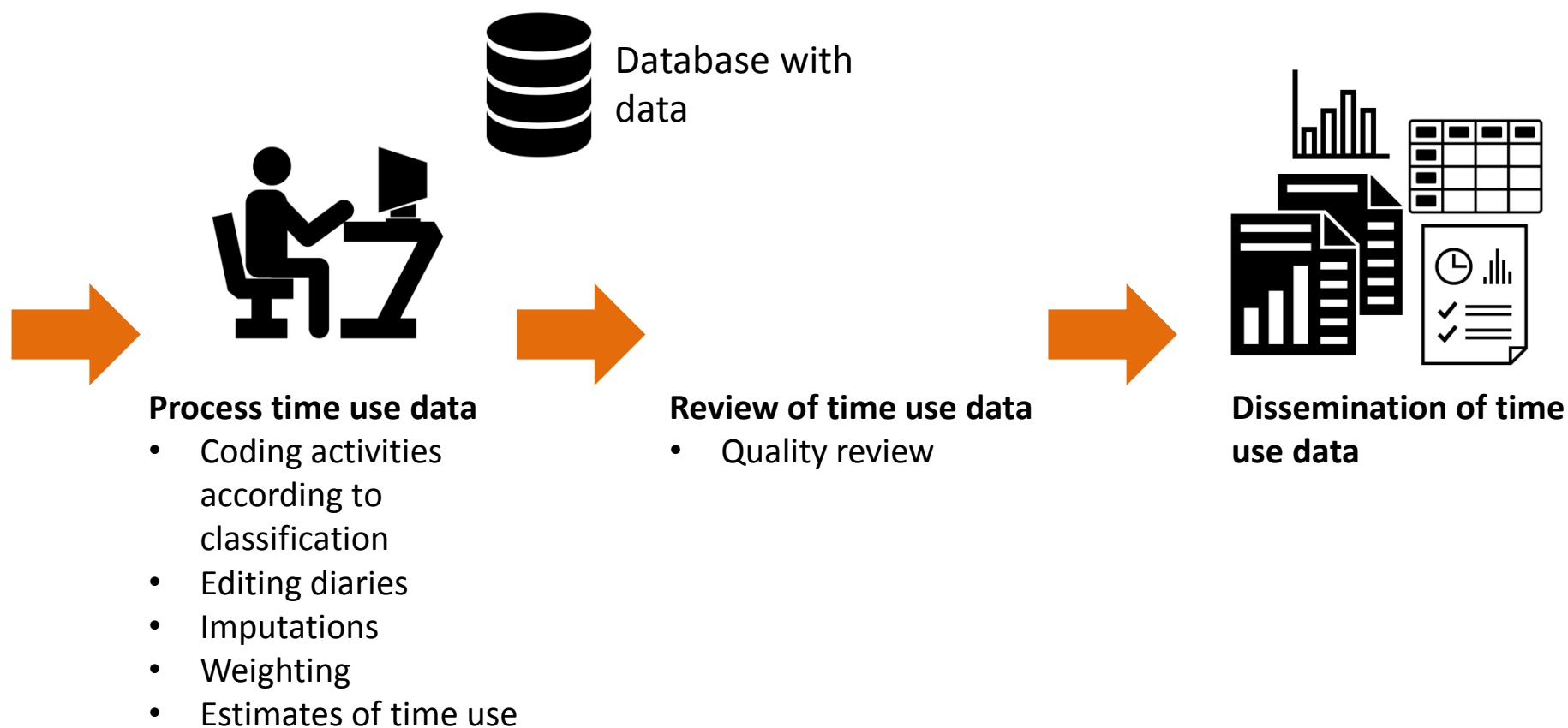


Collection of time use data

- Enumeration / field procedures
- Managing fieldwork



Time Use Surveys: Process (2)



Time Use Surveys: Process



Objectives

Main objectives of time use surveys:

- To provide indicators of the quality of life or well-being of the nation in terms of time-use patterns of people.
- To improve estimates of the value of goods and services with particular emphasis on increasing visibility of women's work through better statistics on their contribution to the economy.

Time Use Surveys: Process



Scope and coverage:



Objectives

- Level of detail in which activities will be recorded and coded and groupings for analysis and tabulation
- Recording of simultaneous activities
- Inclusion of contextual information
- Inclusion of “background” variables
- Recording of information on temporal location and/or activity sequence



Time Use Surveys: Process



Instruments

- **Household questionnaire**
 - Collects all household characteristics

- **Individual questionnaire**
 - Collects individual characteristics
 - sex
 - age
 - marital status
 - ...
 - Use of time

Simultaneous activities



A person can engage in two or more activities at the same time

- Countries have the choice according to the survey's objectives:
 - To record only one (the main or primary activity)
 - To record two or more
- In applying the classification, countries will have to determine how these activities are to be recorded and coded.

Contextual information



Activity context refers to the physical, psychological, social, and temporal features of the environment in which a specific activity takes place.

- Location: **where** activity took place
- Mode of transportation, if in motion
- Company: **with whom** is the activity undertaken (includes 'alone')
- Receiver: **for whom** activity was undertaken
- Objective: **for pay or not**
- **(ICT device used during this activity)**

Contextual information



Purposes of contextual variables

- activity coding aid
- analytical
- memory recall aid

Methods of collection

- Columns for contextual variables in the diary
- Obtain information from the activity description

Contextual information



Location

- Own dwelling
- Someone else's dwelling
- Workplace
- Educational establishment
- Public area other than previous

- Outdoors
- Indoors

Mode of transport

- Not applicable
- Train/subway
- Bus
- Car
- Taxi
- Motorbike
- Bicycle
- Walking
- Airplane
- Boat/ship

Contextual information



With whom

- Alone
- Spouse
- Other family in household
- Family living in other household
- Neighbors
- Friends
- Colleagues
- Classmates

With whom

- Children 0-4
- Children 5-9
- Children 10-14
- Adults 15-59
- Adults 60+

- Chronically sick, with disability

Contextual information



For whom

- Self
- Children
- Family own household
- Family other household
- Family other household dependent
- Pet
- Friend
- Work
- Community

Use of ICT device

- Yes/No
- Internet via a computer
- Internet via a mobile phone or smartphone
- Internet via other devices
- Computer not connected to Internet
- Mobile or smartphones not connected to Internet
- Other ICT devices not connected to Internet

Bolivia 2010



DAY 1 Time	What were you doing? Register the main activity for each 10-minute interval, Distinguish between the travel/commuting and the activity for which you are travelling/commuting	What did you use to undertake the activity?	Were you expecting profit from this activity?		The activity was undertaken...		What else were you doing? Register the main parallel activity?	What did you use to undertake the activity?	Where were you? Use the location or the travel mode	Were you with someone else?				
			Yes	No	Help to other household	Help to the community				Alone	With other people			
											Household member 7+ years	Household member <7 years	Other that is not a household	
A.M.														
06:40 to 06:50	Sleep	—		X	—	—	—	—	Home		X			
06:50 to 07:00														
07:00 to 07:10														
07:10 to 07:20	Shower	Water, soap		X	—	—	—	—	Home	X				
07:20 to 07:30	Get dressed for work	clothes, comb		X	—	—	—	—	Home	X				
07:30 to 07:40	Prepare breakfast	plates, cups		X	—	—	—	—	Home		X	X		
07:40 to 07:50	Bring breakfast to neighbour	bag		X	X		Walk the dog	leash	Street	X				
07:50 to 08:00	Breakfast with family	milk, bread		X	—	—	Plan month expenditures	paper, pencil	Home		X	X		
08:00 to 08:10														
08:10 to 08:20	Go to work	—		X	—	—	Call by cellphone	Telephone	Bus					X
08:20 to 08:30	Work at VIVA	telephone cabins	X		—	—	knit	wool, needles	VIVA	X				
08:30 to 08:40														
08:40 to 08:50														
08:50 to 09:00														
09:00 to 09:10														
09:10 to 09:20							SAMPLE							
09:20 to 09:30														

Bangladesh: Time Use Pilot Survey 2012



Time Use Pilot Survey- 2012

First Day	/04/2012
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PSU No.:

Time Diary

Household No. :

Name :

Age :

Line no. :

	Time	What was your main activity ?	Code	What else were you doing at the same time ?	Code	Where were you ? e.g. At home, in car, on bus, train etc.	Code	Who was with you ? (Put X mark in the box)		
								Alone	Household member	Other known person
From Mid night 12.00 AM to 6.00 AM Morning	12.00-12.30		<input type="text"/>		<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	12.30-1.00		<input type="text"/>		<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	1.00-1.30		<input type="text"/>		<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	1.30-2.00		<input type="text"/>		<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	2.00-2.30		<input type="text"/>		<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	2.30-3.00		<input type="text"/>		<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	3.00-3.30		<input type="text"/>		<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	3.30-4.00		<input type="text"/>		<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	4.00-4.30		<input type="text"/>		<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	4.30-5.00		<input type="text"/>		<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Australia 2006



Where does the day go?

To fill in the diary

- Write down your main activity (e.g. at work, cooking, childminding, watching television, etc.)
- Write down who you did this activity for (e.g. self, a member of the same household, a member of another household, work, organisation/community)
- Write down anything else you did at the same time (e.g. eating or drinking, childminding, watching television, listening to the radio, talking to a neighbour)
- Write down where you were (e.g. at work, home, shops, park, doctor, driving or riding in a car or bus, etc.)
- Write down who else was at home, or with you away from home (e.g. the children, your wife or husband, partner, a friend, a neighbour, workmates)
- Write down if you were using the internet for the activity (e.g. paid bills, or researched new car, using the internet)

Australia 2006



Day 1		6 pm - 9 pm			3
	1 What was your main activity? (Please record all activities, even if they only lasted a few minutes)	2 Who did you do this for? (e.g. self, family, work, friend, a charity, the community)	3 What else were you doing at the same time? (e.g. childminding, watching television, listening to the radio)	4 Where were you? (e.g. at work, home, on a bus, driving the car)	5 Who was with you at home, or with you away from home? (e.g. no-one, family, friends)
6.00	Rang up and ordered pizza	Family	Passive child care	Home	2 children
.05					
.10	Did ironing for Father-in-Law	Father-in-Law			
.15	who has a broken arm				
.20					
.25					
.30			Said hello to partner		Family
.35	Telephoned friend	Self	Nothing		
.40					
.45	Paid for pizza	Family			Delivery person and family
.50	Ate dinner	Self	Talked to family		Family
.40	Filled in diary	Community	Talked to partner		
.45			about Neighbourhood		
.50	Watched TV	Self	Watch meeting		
.55					
.55			Nothing		
8.00					
.05	Paid bills using internet banking	Family	Had cup of coffee		

Mongolia 2000



Please read this first !

- ☺ Please write down your activities in 10 minute intervals.
 - If you did more than one activity within 10 minute interval, write down the other in the "Secondary activity"
 - Use an ↓ or citation marks (") to represent an activity that lasted longer than 10 minutes
- ☺ Write down your activities in as much detail as possible
- ☺ Write down mode of transportation and the reason for the travel. (e.g: went to work by bus)
 - Write down your activities with purpose. (e.g: milk a cow for own consumption, comb the goat for sell)

Example

Day 1 6.00 am - 10.00 am

№	A Code	Time	Main activity		Record	Secondary activity		Code
			☺ Don't forget to write down travel separately from it's reason	☺ Record the most important parallel activity				
037		6.00		sleep				
038		6.10						
039		6.20						
040		6.30						
041		6.40						
042		6.50						
043		7.00		Took a shower			Put a tea on fire	
044		7.10		"				
045		7.20		Woke up the children			Dress children	
046		7.30		"				
047		7.40		Ate breakfast with family				
048		7.50		Washed dishes				
049		8.00		Put on make-up				
050		8.10		Dressed				
051		8.20		Went to kindergarden on foot				
052		8.30		"				
053		8.40		Went to work by bus				
054		8.50		"				
055		9.00		Prepared to lecture				
056		9.10		"				
057		9.20		Teached				
058		9.30						
059		9.40						



Time Use Surveys: Process



Dissemination
of time use data

Time use statistics:

- Quantitative summaries of how individuals “spend” or allocate their time over a specified period
 - typically over the 24 hours of a day
 - over the 7 days of a week

Time use statistics provide information on:

- Activities the reference population engage in
- How much time is spent in those activities



Time Use Surveys: Process



**Dissemination
of time use data**

Examples time use statistics

- Total number of hours in a week spent volunteering in the community or organization
- Average number of minutes in a day spent caring for children
- Average number of hours in a day working in unpaid domestic work



Time Use Surveys: Process



**Dissemination
of time use data**

- Average time the survey population spent on a specified activity
- Average time spent on a specified activity by those who did engage or participate in the activity
- Average duration of an episode of a specified activity.
- Average number of episodes of a specified activity reported by the survey population
- Average number of episodes of a specified activity reported by participants in the activity
- Participation rate or proportion of persons in the survey population who participated in a specified activity



Thank you!

<http://unstats.un.org/unsd/gender/timeuse/>