

Regional seminar on time-use surveys

Design and implementation of time use surveys

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Iliana Vaca
Lucía Scuro

Division of Gender Affairs



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TIME-USE SURVEYS

WHAT?

- Specialized type of **household surveys** covering **various subject areas** and they can respond to multiple purposes.
- Measure **the amount of time individuals spend on various activities** such as paid work, housework, caring for people, time devoted to leisure and entertainment, volunteer work, time spent at transfer, among others.

WHY?

Powerful tools for gender analysis, design and evaluation of economic, social, employment and gender public policies

- Contribute to the **visibility and recognition** of domestic work and unpaid care.
- Provide information on the **relationship between market work and unpaid domestic work** (conciliation, responsibility, overload, impact).
- Analyze the **distribution of housework between women and men**, according to their personal characteristics, household composition, housing conditions and the goods and services available.
- Measure **time of care** for members of the household and its impact on the lives of men and women, analyzing the various strategies used to meet these needs.
- Gather the features that account for the **gender roles and stereotypes**, distribution and overall workload of women and men.



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CONCEPTUAL ISSUES

WORK

Work comprises any activity performed by persons of any sex and age to produce goods or to provide services for use by others or for own use.

Two types of work are relevant for the analysis of production in a society:

- **Paid work:** from the classic perspective, labour is exchanged on the labour market for the production of goods and services through a salary or profit.
- **Unpaid work:** one that takes place within domestic units (households) and assures social reproduction for which no wage or profit is obtained



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CONCEPTUAL ISSUES

SEXUAL DIVISION OF LABOUR

- The Sexual Division of Labor is a concept that is built to observe a different distribution activities by sex.
- This distribution attributes tasks and knowledge to people in a society which are seen as work, but this is done differentially for men and women.
 - Women carrying out work in the domestic sphere considered as reproductive
 - Men carrying out work in the public sphere considered as productive.
- This category allows us to analyze how a society is organized and how it organizes its members, and what tasks each and every one of them realize to generate a certain product, be it tangible or intangible.

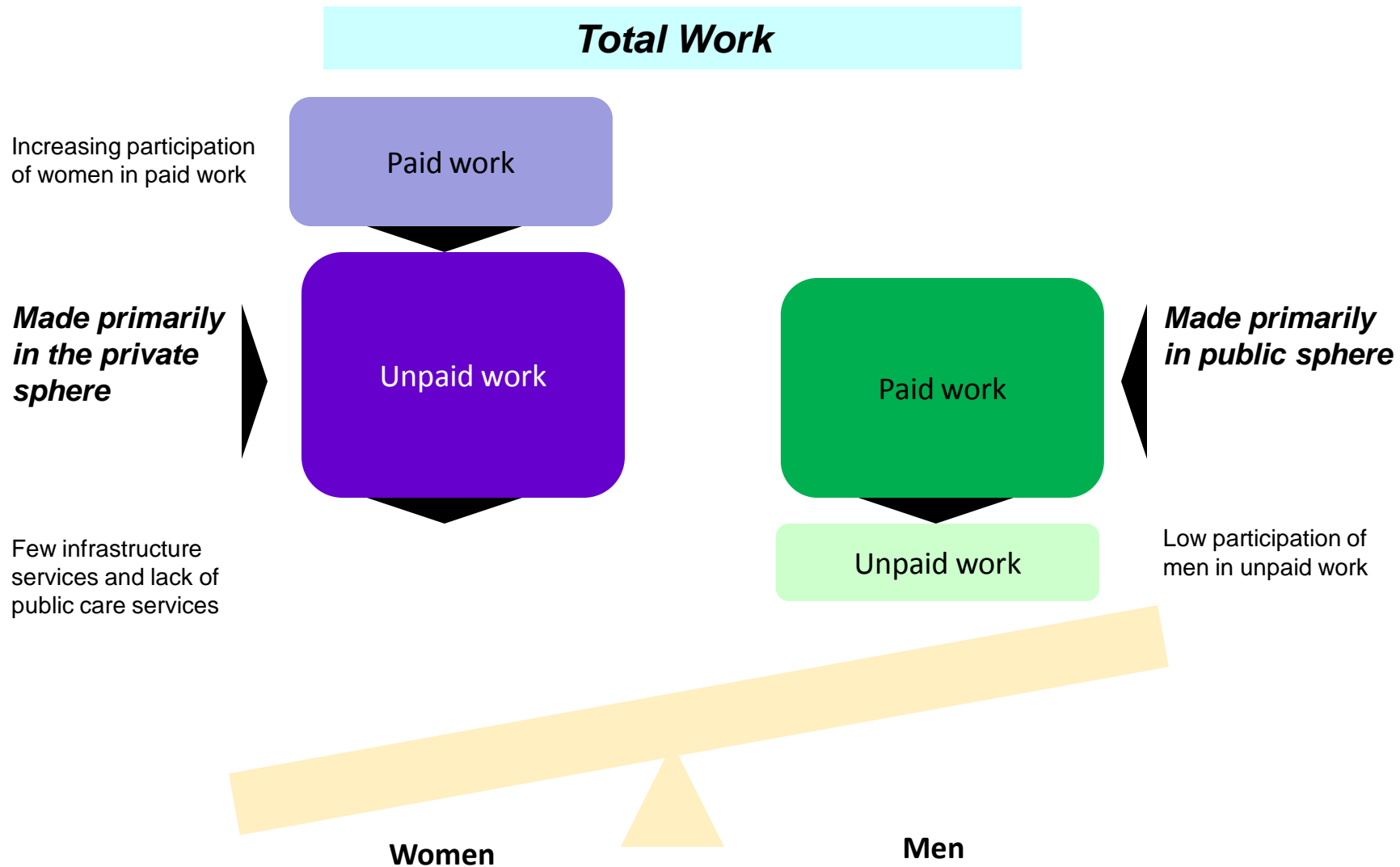


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CONCEPTUAL ISSUES

SEXUAL DIVISION OF LABOUR





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METHODOLOGICAL ISSUES

Gathering Strategies

Independent Survey

- * **Higher cost** of implementation
- * **Independence**: Has its own methodology and sample design
- * **More time** spent in the organization of the survey, processing and results obtention.
- * **Periodicity compromised** if not integrated into the national statistical system
- * Includes **several home visits in a short period of time**, with an established program at each visit which is not consistent with other surveys
- * **Increases analysis possibilities** to include greater variety of subjects

or

Module

?

- * **Lower cost** to meet the demand for information
- * Methodological and sample design **dependence** of the main survey
- * **Harnessing** the fieldwork organization, processing system and results obtention, of the **main survey**, especially the sociodemographic data.
- * **Part of the National Statistical System**
- * Less visits: **Risk of making significant omissions** due to people difficulty to remember.
- * **Limited analysis possibilities** by including a limited number of topics or questions. However, it **can be combined with data from the main survey**



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METHODOLOGICAL ISSUES

Gathering Strategies

Latin America and the Caribbean: survey strategy used in the latest round of time use measurement

	El Salvador	Multiple Purpose Household Survey
	Guatemala:	National Survey of Living Conditions (ENCOVI)
Module in the household or employment survey	Honduras:	Permanent Multipurpose Household Survey
	Nicaragua:	Survey of Household Living Standards
	Uruguay:	Continuous Household Survey
	Costa Rica:	National Household Survey
Questions	Dominican Republic:	Demographics and Health Survey
Independent survey	Brazil, Bolivia (Plur. St. of), Chile, Colombia, Cuba, Ecuador, Mexico, Peru, Venezuela (Bol. Rep. of), Panama, Costa Rica and Argentina	



METHODOLOGICAL ISSUES

Gathering Instruments

Questionnaire

*List of activities constructed according to the interest of the researcher.

*Do **not** seek **information regarding times of the day** in which activities are performed

Difficult to capture **simultaneous activities**

*Accuracy depends on when the questionnaire was applied, in relation to the **period of the implementation of activities**.

***Codification task** is transferred to the interviewer and interviewee (describing and correctly understand the scope of each activity included in the listing)

*Difficulty with the **transmission of the concept** and its limits.

*In both cases, no response to the level of housing and household are resolved through imputation procedures

*The non-response of some household members prevents the analysis at this level unless more complex imputation procedures are made

or

Diary

?

*It can be **simplified or exhaustive**; the latter allow a high degree of detail of the activities.

*The leitmotif is the **time of information** collected.

*Capture **simultaneous activities**

*More accurate if the **auto fill is performed as the day progresses**, otherwise, carries the risk of missing information on activities.

*The **codification task** is performed by the organization responsible for the survey

***Auto fill option** may involve important issues with no response



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METHODOLOGICAL ISSUES

Gathering Instruments

Diary	5 countries	Bolivia, Brazil, Chile, Cuba, Venezuela
List of activities	13 countries	Argentina, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Peru, Uruguay



METHODOLOGICAL ISSUES

Gathering Instruments: Diary

Morning Time, (m)	What were you doing? <small>Please record your main activity for each 15-minute period.</small>	What else were you doing? <small>Write in the most important activity you were doing at the same time</small>	Where were you? <small>e.g. At home, at friends, in car, on bus, train, cycling, walking</small>	Were you with anybody? <small>Please mark the boxes. See example on page 2.</small>				
	<small>Enter one main activity on each line.</small>	<small>e.g. Looking after children, listening to the radio or having a drink</small>		<small>None or with people you don't know</small>	<small>Children up to 9 years living in your household</small>	<small>Children aged 10 to 14 living in your household</small>	<small>Other household members</small>	<small>Other persons that you met</small>
7:00 - 7:10	Sleeping			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7:10 - 7:20	↓			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7:20 - 7:30	Had a shower		At home	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7:30 - 7:40	Made breakfast		↓	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7:40 - 7:50	Ate breakfast	Read newspaper	↓	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7:50 - 8:00	Did washing up		↓	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8:00 - 8:10	Got my son dressed	Talked with my son	↓	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8:10 - 8:20	Walked to school with son	↓	Walking	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8:20 - 8:30	Dropped son off at school	↓	↓	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8:30 - 8:40	Walked to bus stop		↓	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8:40 - 8:50	Travel by bus to work	Read newspaper	On the bus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8:50 - 9:00	↓	↓	↓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9:00 - 9:10	↓	↓	↓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9:10 - 9:20	Walked from bus stop to main job		Walking	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9:20 - 9:30	↓		↓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9:30 - 9:40	↓		↓	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9:40 - 9:50	Main job			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9:50 - 10:00	↓			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



REPUBLICA ORIENTAL DEL URUGUAY
INSTITUTO NACIONAL DE ESTADÍSTICA

ENCUESTA CONTINUA DE HOGARES

Río Negro 1520 - Montevideo

MUT 1 FEEDING

How long you spent the last ... (reporting day)

	Yes No		Work day		Weekend	
	1	2	Hours	Minutes	Hours	Minutes
1. to prepare or cook food?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2. serve the food, setting the table, move and/or wash dishes?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

MUT 2 CLEANING THE HOUSE

How long you spent the last ... (reporting day)

	Yes No		Work day		Weekend	
	1	2	Hours	Minutes	Hours	Minutes
3. To make cleaning or general arrangement of the house?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

MUT 3 CLEANING AND CARE OF CLOTHING

How long you spent the last ... (reporting day)

	Yes No		Work day		Weekend	
	1	2	Hours	Minutes	Hours	Minutes
4. Washing, folding, ironing or accommodating clothes of household members?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

MUT 4 DAILY SHOPPING

How long you spent the last ... (reporting day)

	Yes No		Work day		Weekend	
	1	2	Hours	Minutes	Hours	Minutes
5. to buy food, drinks, cleaning supplies, etc. ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
6. to buy clothes for yourself or a member of the household?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

MUT 6 RAISING LIVESTOCK, COLLECTION OF FLORA AND FAUNA (WHEN NOT AN ECONOMIC ACTIVITY)

How long you spent the last ... (reporting day)

	Yes No		Work day		Weekend	
	1	2	Hours	Minutes	Hours	Minutes
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

IDENTIFICATION

N° of person: Name: _____

Age: Sex: MEN 1 WOMAN 2

N° of person informing:

Indicate the day for which survey is being answered: Typical Atypical

WORKING DAY M T W T F S S 1 2

NON-WORKING DAY 1 2

MUT 8 HOME CONSTRUCTION AND REPAIRS

How long you spent the last ... (reporting day)

	Yes No		Work day		Weekend	
	1	2	Hours	Minutes	Hours	Minutes
10. to do electrical repairs, sanitary, masonry, etc. for own home?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

MUT 7 EXTERNAL ORGANISATION

How long you spent the last ... (reporting day)

	Yes No		Work day		Weekend	
	1	2	Hours	Minutes	Hours	Minutes
11. to make a payment related to housing bills?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

MUT 8 TIME OF TRANSFER AND TRANSPORT

How long you spent the last ... (reporting day)

	Yes No		Work day		Weekend	
	1	2	Hours	Minutes	Hours	Minutes
12. Travel to and from paid employment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
13. Travel to and from to do paperwork, paying bills or claims relating to household management?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

MUT 9 LEISURE ACTIVITIES

How long you spent the last ... (reporting day)

	Yes No		Work day		Weekend	
	1	2	Hours	Minutes	Hours	Minutes
14. go to the movies or the theater?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>



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METHODOLOGICAL ISSUES

Other

- Target population: defined by sex, age, etc.
- Geographic coverage: National, including urban/rural areas, subnational, local level.
- Reference period: day/week of the interview or previous day/week.
 - ✓ Closest to the day of the interview
 - ✓ Week representativity and inclusion of non-working days
 - ✓ Seasonality
- Periodicity



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OPERATIONAL ISSUES

- Stakeholders ownership
- Available financing
- Institutional capacities of the statistical agency
- Technical capacities of the statistical agency
 - Availability of trained and qualified personnel
 - Measuring time-use is complex
- Degree of dissemination and awareness of time use issues
- International comparability: patterns???



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RESOURCES

- *Surveys on time use and unpaid work in Latin America and the Caribbean: Experience to date and challenges for the future*, UNECLAC, December 2013
http://repositorio.cepal.org/bitstream/handle/11362/35903/LC_L3678_en.pdf?sequence=1
- *Guidelines for Harmonising Time Use Surveys*, UNECE, February 2013
http://www.unece.org/fileadmin/DAM/stats/documents/ece/ce/s/bur/2013/12-Add.1_TimeUseSurvey_Guidelines_UNECE.pdf

THANK YOU

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