Time Use Measurement in Mexico
Stylized questions use
Background

- INEGI has carried out five time use surveys, two as modules:
  - 1996: They asked questions about activities carried out on the previous week, but not the place or whom.
  - 1998: Daily’s methodology is hard to answer for less educated population, high non-response rate and data bias due to atypical days.
- In 2002, 2009 and 2014, INEGI has utilised questionnaires with stylized questions.
Why was it decided to use Stylized questions instead of a 24-hour diary?

A 24-hour diary involves the active participation of respondents in the daily’s filling (AutoFill):

The Mexican population is unexperienced in filling out forms. For example, the ENIGH uses a diary per week for all expenses on food, transportation; the interviewer has to check it everyday and usually has to fill it out.¹

- Thus, in Mexico, the presence of the interviewer is necessary to record the information in the questionnaire.

¹ Marcela Eternod, ENUT 2002, II Encuentro Internacional de Expertos en encuestas sobre uso del tiempo, medición y valoración.
Reference period ENUT

- From the **list of pre-coded activities**, the respondent answers if the activity carried out or not, and the time used in each activity on the last week.
Reference period ENUT

- In ENUT 2014, the reference period was the past week to the interview’s day.

- To help the respondent to remember the past week activities, the questionnaire divided the week in two cycles: Monday to Friday and Saturday to Sunday.

- In Mexico, it is usual to have a routine with clearly activities in both cycles.

- If in the reference period the respondents have an unusual activity, it is not difficult to remember it.
Stylized Questions Formulation

• In the stylized questions, it’s very important verify the language and redaction.

• The words must be understand by all the population, regardless social status, scholarly grade or living area (rural or urban).

• In ENUT 2014, each question have a correspondant with the classificators activities (CMAUT and ICATUS), but we do not use the technical lenguaje of clasifficator.

• Each question provides a unified description of the activitie, that the respondent understand easily.
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<th>ICATUS 2016</th>
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<td>3 Unpaid domestic services for household and family members</td>
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<td>21 Preparación y servicio de alimentos del hogar</td>
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<td>6.4 Durante la semana pasada, ¿usted...</td>
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<td>211 Preparar y calentar los alimentos del hogar</td>
<td>311 Organizing, planning and preparing meals/snacks</td>
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<tr>
<td>1. desgranó maíz, coció o molió el nixtamal o hizo tortillas de maíz o trigo para su hogar?</td>
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<tr>
<td>2. encendió el fogón, horno o anafre de leña o carbón para preparar o calentar alimentos?</td>
<td></td>
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<tr>
<td>3. cocinó, preparó o calentó alimentos o bebidas?</td>
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</table>
Stylized Questions Formulation

- Usual activities in rural area (applies in villages < 10,000 habitants)
Stylized Questions Formulation

• By nature, the aim stylized questions is to collect mains activities time.

• In the questionnaire, to avoid collect simultaneaus activities, there is a band that the interviewer must read to respondent:

  Ahora le preguntaré sobre las actividades que hizo para su hogar. Por favor, si al mismo tiempo usted realizó varias actividades, separe el tiempo que le dedicó a cada una.

• The main activities were collected in questionnaire, doing exclusively (criteria in the interviewer’s manual)
Stylized Questions Formulation

- Some activities have a special notation to avoid simultaneity: “without doing another activity”:

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6.22 Durante la semana pasada, PARA ENTRETENERSE ¿usted...

REGISTRE EL CÓDIGO CORRESPONDIENTE

Sí ........................................... 1 →
No ........................................... 2 ↓

6.22a ¿Cuánto tiempo le dedicó...

de lunes a viernes?  sábado y domingo?

HORAS  MINUTOS  HORAS  MINUTOS

1 vio televisión sin hacer otra actividad?
(películas, series, vídeos, documentales, noticias, novelas, etc.)

2 escuchó la radio u otros medios de audio sin hacer otra actividad?
(música, noticias, documentales, comentarios, etc.)

3 revisó el correo, consultó redes sociales o cható sin hacer otra actividad?
(whatsapp, facebook, twitter, entre otros)
```
ENUT collects one simultaneity activity: passive care.

A question is included to collect the data time dedicated to "passive care", differentiated by vulnerable groups:

- People with some disability, chronic or temporary illness.
- Household members from 0 to 14 years old.
- Household members aged 60 and over.

while you did other things, did you watched them or took care of them?
Stylized Questions Formulation

The questionnaire begins by socially necessary activities (working, learning and sleeping)

Production of goods for own final use

Unpaid caregiving activities

Around them, people organize their day.

Begin with these activities, it is attractive for women and men.

People do it, but they do not recognize.

In questionnaire are in order of importance and separate by discapacity or illness, and age group.
Advantages Interview face to face

- The interviewer explains the respondent doubts.

- The interviewer’s training allows to inquire more about respondent activities, and make a better classification of them.

- The times declarations complexities are able to overcome with the Time Calculator Tool.
Advantages Interview face to face

- Interviewer’s workload: 4 dwelling per day
- Interview average time: 35-40 min.
- Persons 12 aged or over per dwelling average: 2.91
• Household members aged 12 and over: 49,604

• Complete interviewers household members aged 12 and over: 48,010 (96.79%)
Time Data collecting control

• Mexico is below 168 hours per week.

• It is impossible to make time adjustments after the data collecting.

• ENUT 2014 has validation tools to avoid data pollution during the data collection period:
  
  • On line validation: minimum and maximum boundary by activity.
  
  • Pop up’s in electronic questionnaire when the data are out of range.

• The time interval allows to confirming or correcting data.
ENUT 2014 results

Average time of Paid and Unpaid Work in Mexico by sex

- **TOTAL WORK TIME**
  - **Unpaid domestic work**: 35.10, 44.02, and 48.07 for Men, Women, and TOTAL, respectively.
  - **Work for market**: 17.56, 50.07, and 37.88 for Men, Women, and TOTAL, respectively.

**Note:** The values are in hours.
ENUT 2014 results

Average Hours by Sex

- Total: 164.32
- Men: 158.70
- Women: 169.24
Thank you!!!

¡¡¡Gracias!!!