



# Time Use Measurement in Mexico

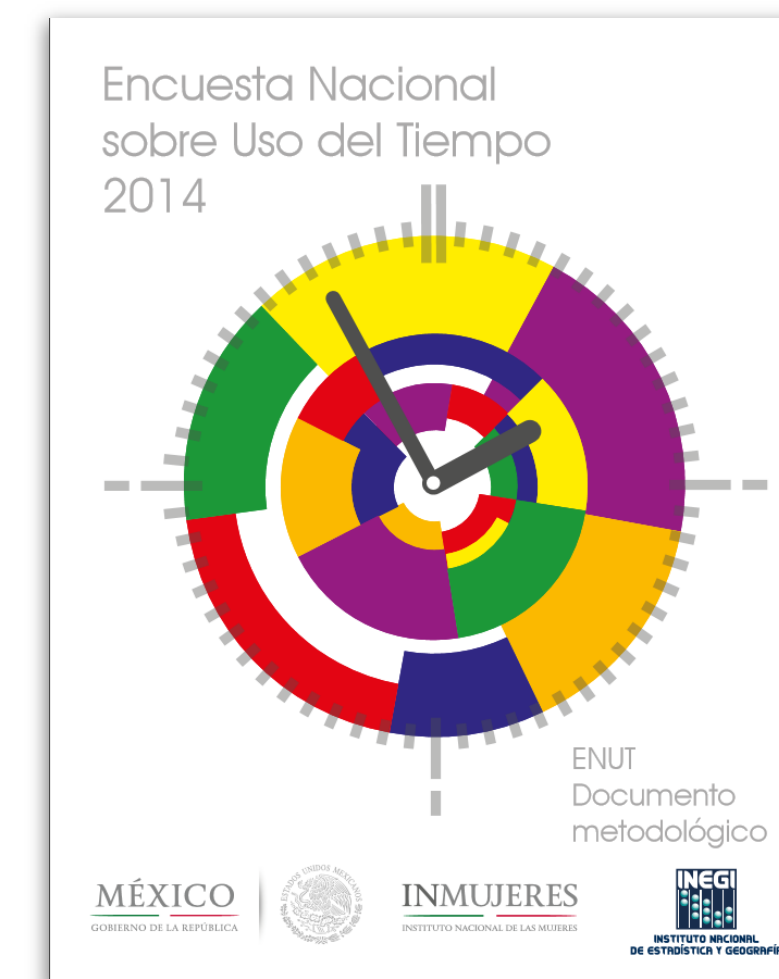
| Stylized  
questions use

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# Background

- INEGI has carried out five time use surveys, two as a modules:
  - 1996 They asked questions about activities carried out on the previous week, but not the place or whom.
  - 1998 Daily's methodology it's 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.<sup>1</sup>**

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

# 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.

CONVIVENCIA FAMILIAR, SOCIAL Y PARTICIPACIÓN CIUDADANA			
<b>6.21 Durante la semana pasada, ¿usted...</b>	<b>6.21a ¿Cuánto tiempo le dedicó...</b>		
<i>REGISTRE EL CÓDIGO CORRESPONDIENTE</i>	<i>REGISTRE CON NÚMERO</i>		
Sí..... 1 →	<b>de lunes a</b>	<b>sábado y</b>	
No..... 2 ↓	<b>viernes?</b>	<b>domingo?</b>	
	<i>HORAS</i>	<i>MINUTOS</i>	<i>HORAS</i> <i>MINUTOS</i>
<b>1 dedicó tiempo especial (sin hacer otra actividad) a los integrantes de su hogar para platicar de las actividades diarias, consolar o aconsejar?</b> .....	_	_	_
<b>2 asistió o participó en actividades o celebraciones religiosas?</b> (actividades ceremoniales en casa u otro lugar, misas, rosarios u otro tipo de oraciones grupales, funerales, fiestas patronales, kermés de la iglesia).....	_	_	_
<b>3 asistió a celebraciones cívicas o políticas?</b> (desfiles, mítines, marchas, reuniones).....	_	_	_

# Reference period ENUT

- In ENUT 2014, the reference period was the past week to the interview's day.
- To help to respondent to remember the past week activities, the questionnaire divided the week in two cycles: Monday to Friday and Saturday to Sunday.
- In Mexico, is usual to have a rutine with cleary activities in both cycles.
- If in the reference period the respondents have a unusual activite, it is not dificult to remember it.

# Stylized Questions Formulation

- In the stylized questions, it's very important verify the language and redaction.
- The words must be understood by all the population, regardless of social status, scholarly grade or living area (rural or urban).
- In ENUT 2014, each question has a correspondent with the classifiers activities (CMAUT and ICATUS), but we do not use the technical language of classifier.
- Each question provides a unified description of the activity, that the respondent understands easily.



# Stylized Questions Formulation

CMAUT 2014	ICATUS 2016	ENUT 2014
2 Trabajo doméstico no remunerado para el propio hogar	3 Unpaid domestic services for household and family members	
21 Preparación y servicio de alimentos del hogar	31 Food and meals management and preparation	Preparación y servicio de alimentos para el hogar
		6.4 Durante la semana pasada, ¿usted...
211 Preparar y calentar los alimentos del hogar	311 Organizing, planning and preparing meals/snacks	<ol style="list-style-type: none"> <li>1. desgranó maíz, coció o molió el nixtamal o hizo tortillas de maíz o trigo para su hogar?</li> <li>2. encendió el fogón, horno o anafre de leña o carbón para preparar o calentar alimentos?</li> <li>3. cocinó, preparó o calentó alimentos o bebidas?</li> </ol>

# Stylized Questions Formulation

PREPARACIÓN Y SERVICIO DE ALIMENTOS PARA EL HOGAR	
6.4 Durante la semana pasada, ¿usted...	6.4a ¿Cuánto tiempo le dedicó...
REGISTRE EL CÓDIGO CORRESPONDIENTE	REGISTRE CON NÚMERO
Sí..... 1 →	de lunes a viernes?
No..... 2 ↓	sábado y domingo?
	HORAS MINUTOS HORAS MINUTOS
1 desgranó maíz, coció o molió el nixtamal o hizo tortillas de maíz o trigo para su hogar? .....	.....:.....:.....
2 encendió el fogón, horno o anafre de leña o carbón para preparar o calentar alimentos? .....	.....:.....:.....
3 cocinó, preparó o calentó alimentos o bebidas? .....	.....:.....:.....
4 sirvió la comida, recogió, lavó, secó o acomodó los trastes? .....	.....:.....:.....
5 llevó comida a algún integrante de su hogar a la escuela, trabajo u otro lugar? .....	.....:.....:.....

- 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 an special acotation to avoid simultanity: “whitout doing another activity”:

6.22 Durante la semana pasada, PARA ENTRETENERSE ¿usted...	6.22a ¿Cuánto tiempo le dedicó...			
REGISTRE EL CÓDIGO CORRESPONDIENTE	REGISTRE CON NÚMERO			
Sí..... 1 →	de lunes a viernes?		sábado y domingo?	
No..... 2 ↓	HORAS	MINUTOS	HORAS	MINUTOS
<b>1 vio televisión <u>sin hacer otra actividad?</u></b> (películas, series, videos, documentales, noticias, novelas, etc.).....		:	:	
<b>2 escuchó la radio u otros medios de audio <u>sin hacer otra actividad?</u></b> (música, noticias, documentales, comentarios, etc.).....		:	:	
<b>3 revisó el correo, consultó redes sociales o chateó <u>sin hacer otra actividad?</u></b> (whatsapp, facebook, twitter, entre otros) .....		:	:	

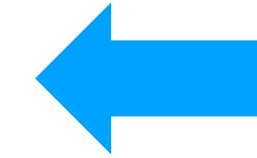
# Stylized Questions Formulation

- ENUT collect one simultaneity activitie: passive care.
- A question is included to collected 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

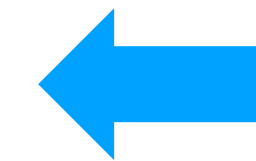
**The questionnaire begins by socially necessary activities  
(working, learning and sleeping)**



**Around them, people  
organize their day.**

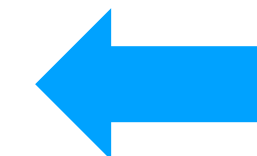
**Begin with these  
activities, it is  
attractive for women  
and men.**

**Production of goods for own final use**



**People do it, but they  
do not recognize.**

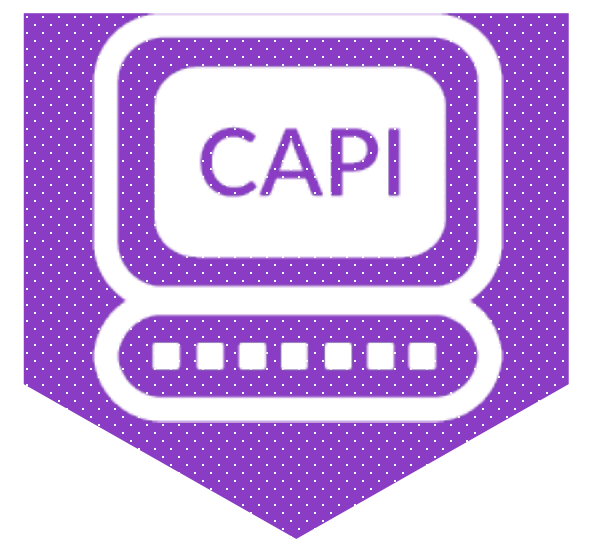
**Unpaid caregiving activities**



**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.

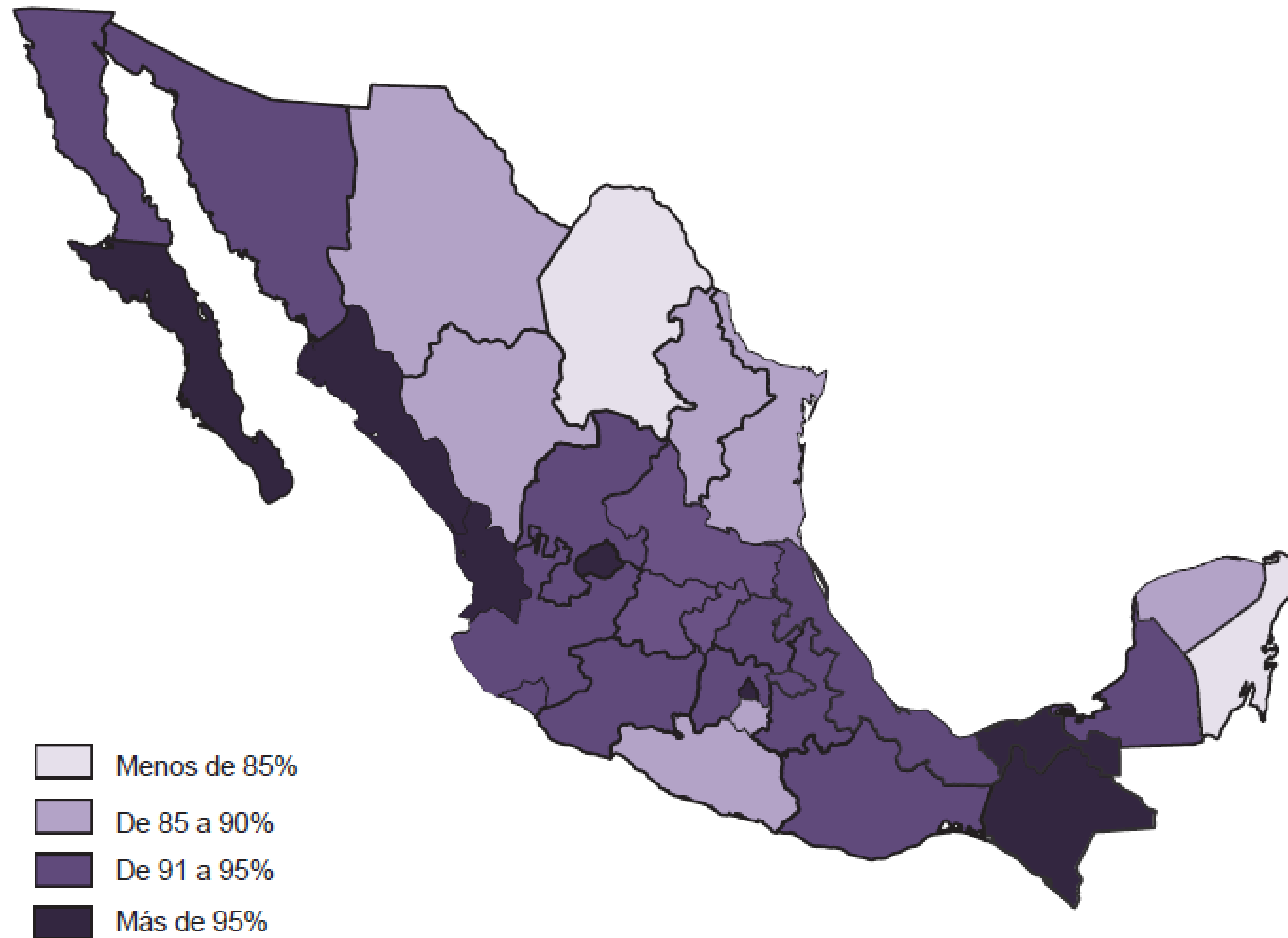


# Advantages Interview face to face

- Interviewer's workload: 4 dwelling per day
- Interview average time: 35-40 min.
- Persons 12 aged or over per dwelling average: 2.91



# Response rates



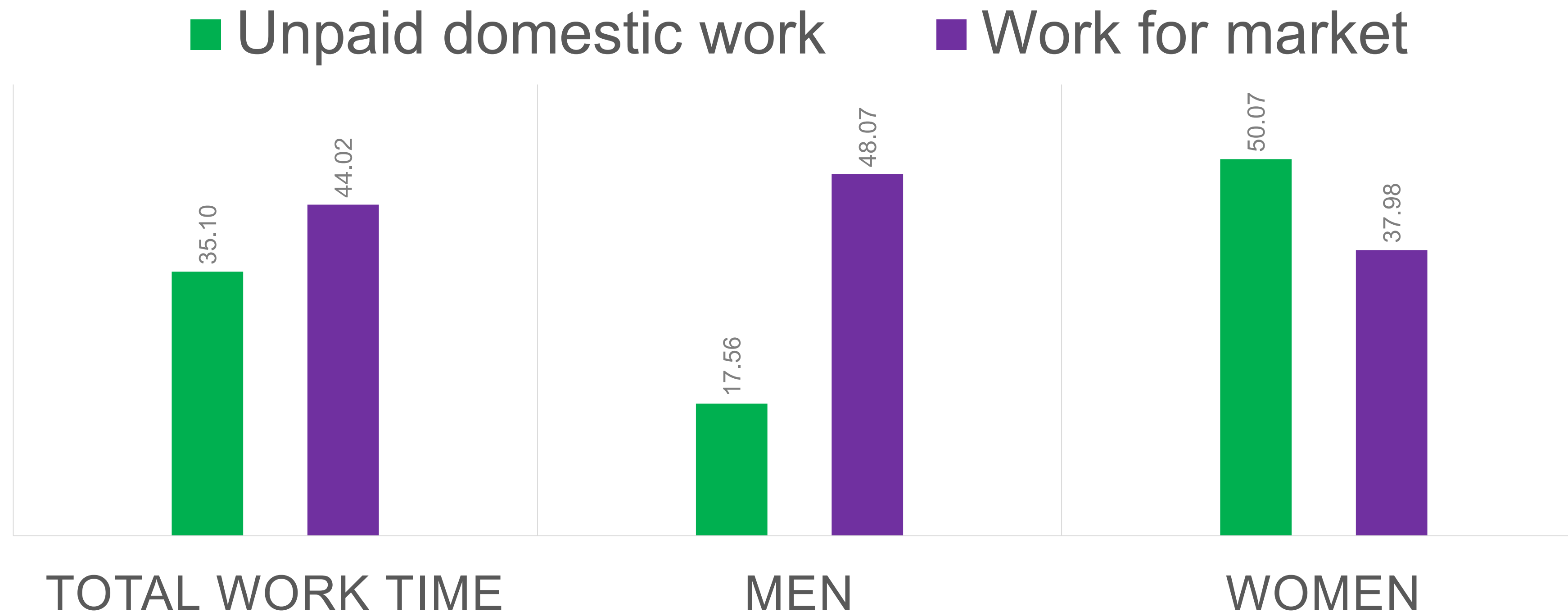
- Household members aged 12 and over:  
**49,604**
- Complete interviewers household members aged 12 and over:  
**48,010 (96.79%)**

# 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 allow to confirming or correcting data.

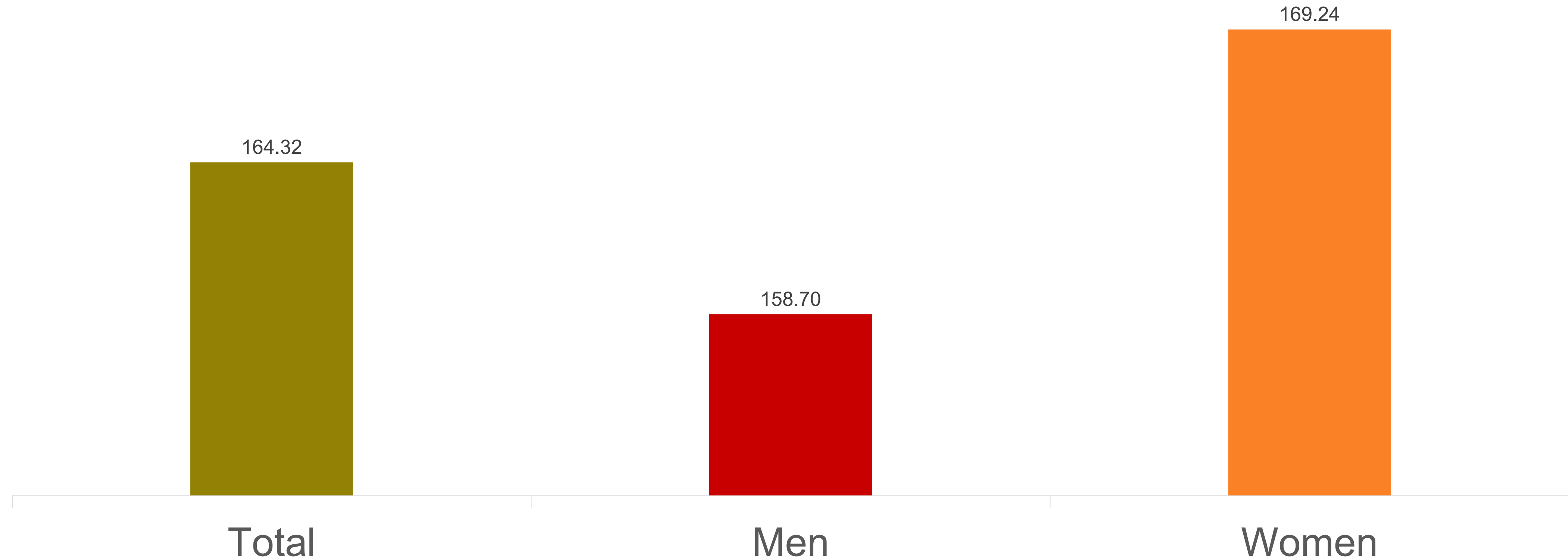
# ENUT 2014 results

## Average time of Paid and Unpaid Work in Mexico by sex



# ENUT 2014 results

## Average Hours by Sex



**Thank you!!!**

**!!!Gracias!!!**

# Conociendo México

01 800 111 46 34

[www.inegi.org.mx](http://www.inegi.org.mx)

[atencion.usuarios@inegi.org.mx](mailto:atencion.usuarios@inegi.org.mx)



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