

Brazilian experience with the implementation of the 19th ICLS on Continuous PNAD

Session 1: Experiences in producing data according to 19th ICLS and on communication strategies adopted to explain the impact of methodological changes on labour indicators

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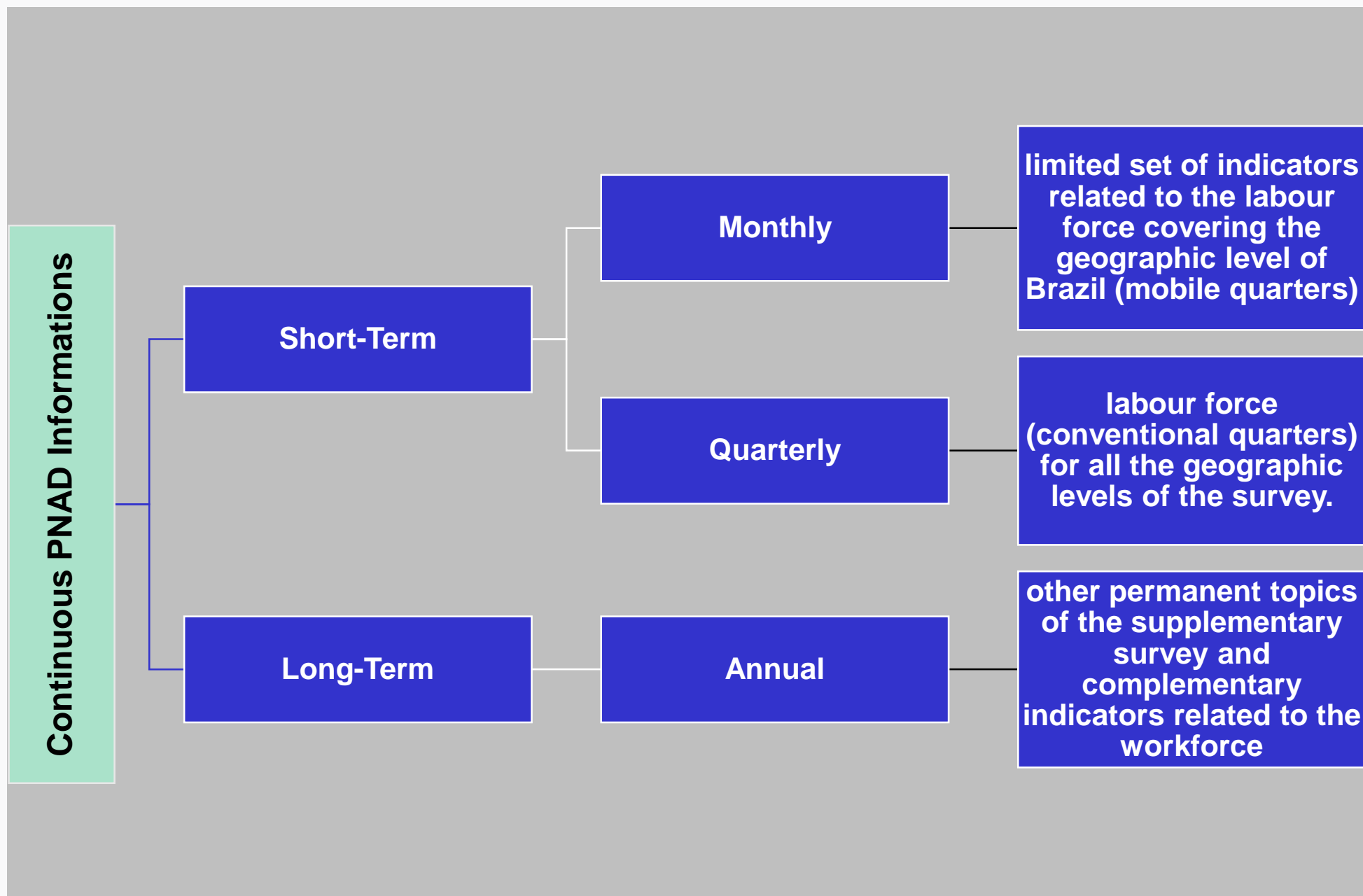
19^a ICLS and Brazilian Household Surveys

- ▶ The new working definitions proposed by the 19th ICLS were incorporated into the main Brazilian household sample survey - the Continuous PNAD, whose data series began in 2012 and definitively replaced the previous household survey (PNAD) since 2016.
- ▶ Considering the Brazilian experience with the implementation of the 19th ICLS on PNAD-C:
 - a) how the new work definition affects/impacts labour statistics, particularly from a gender perspective, and
 - b) how we should communicate the methodological changes to data users.

About Continuous PNAD (PNAD-C)

- ▶ Part of the Integrated System of Household Surveys that shares a master sample with National Health Survey (PNS), Consumer Expenditure Survey (POF), and others household based surveys on the horizon to be implemented, such as Victimization and Time Use.
- ▶ PNAD-C produces **quarterly indicators on the workforce** and **annual indicators on permanent supplementary themes** (such as other forms of work, education, information and communication technology, housing, etc.), investigated in a specific quarter or applied every quarter in a part of the sample and accumulated to generate annual results.
- ▶ Indicators on other supplementary topics can also be produced at varied periodicity. The survey unit is the household.

Continuous PNAD Informations



Continuous PNAD

Geographic scope



Produces results for:

Brazil

Major Regions (5)

Federation Units (27)

**Metropolitan Areas
(21)**

**Capitals' Municipalities
(27)**

Sample Size:

3.464 municipalities

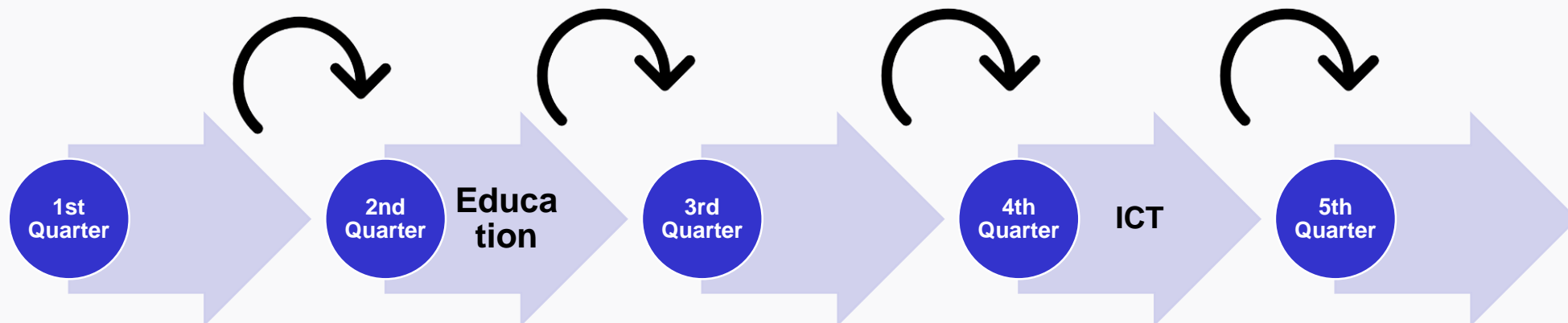
70.000 hh (monthly)

211.000 hh (quarterly)

2.000 interviewers

Continuous PNAD Methodology

From one QUARTER to another, 80% of the households in the survey sample are the same (quarterly overlap).



Each household is interviewed 5 times (an interview each quarter, 5 quarters)
For annual results, data accumulated from the 1st interviews on the civil year (80% of the sample), except for those themes on specific quarter

Interview 1	Interview 2	Interview 3	Interview 4	Interview 5
Basic Module	Basic Module	Basic Module	Basic Module	Basic Module
Workforce (complete)	Workforce	Workforce	Workforce	Workforce
Individual characteristics				Other forms of work
Housing				Child and Teen Labor
Non-work incomes				Non-work incomes

PNAD 2015 (definitions of work prior to 19^a ICLS)

Did you work in the reference week?

Yes

No

How many jobs did you have in the reference week?

1. In the reference week, you had some paid work from which you were temporarily away on vacation, leave, voluntary absence, strike, temporary suspension of work contract, illness, weather bad conditions or for another reason?

Yes

No

2. In the reference week, did you carry out tasks in the farming, fishing or rearing of animals for own consumption?

Yes

No

3. In the reference week, did you carry out tasks in the construction of a building, room, or other construction for the own use of people living in the household?

Yes

No

Just 3 coverage questions

PNAD-C (definitions of 19^a ICLS)

1/2

Did you work or train for at least one hour in some money-earning activity in the reference week?

Yes

No

How many jobs did you have in the reference week?

1. In the reference, did you work or train for at least one hour in any paid activity in products, goods, housing, food, training or learning, etc.?

Yes

No

2. In the reference week, did you work in any occasional paid activity for at least 1 hour?

Yes

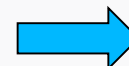
No

3. In the reference week, have you helped for at least one hour, without payment, in the paid work of some resident of the household or relative?

Yes

No

4. In the reference week, did you have any paid work from which you were temporarily away?



PNAD-C (definitions of 19^a ICLS)

2/2

Did you work or train for at least one hour in some money-earning activity in the reference week? (cont)

Yes

No

How many jobs did you have in the reference week?

4. In the reference week, did you have any paid work from which you were temporarily away? (cont)

Yes

No

5. Why were you away from this job?

Vacations, holidays, day off; maternity or paternity leave; Paid leave for health/accident reason; other type of paid leave (study, marriage, premium leave etc.)

Away from your own business / company itself due to gestation, health, accident etc., without being paid by a pension institute; or Occasional factors (bad weather, shutdown in transport services etc.); Other reason

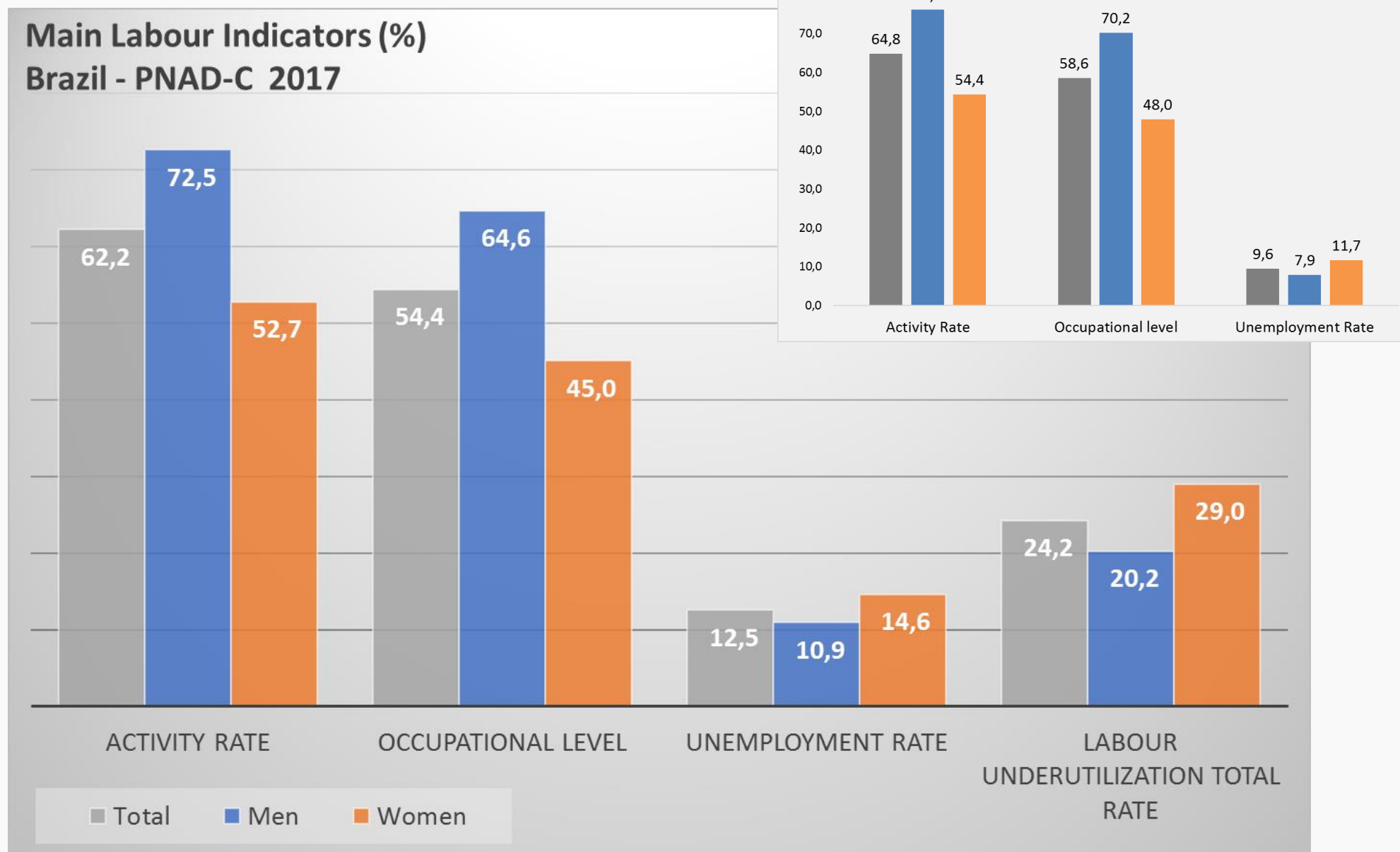
6. At (last day of the reference week), how long had you been away from this job?

Less than 1 year

More than 1 year

6
coverage
questions

Some results: *main indicators*



- Although **PNAD** and **PNADC** are not directly comparable surveys (different sample designs, methodology, scope, concepts, questionnaire, timing, age limit), the main labour indicators maintains the pattern, also considering the different conjunctures.

PNAD-C (Own-use production work)

Own-use production work (for all)

In the reference week, how many hours have you effectively dedicated to all these activities?

1. In the reference week, did you work or train for at least one hour in any paid activity in products, goods, housing, food, training or learning, etc.?

Yes **No**

2. In the reference week, have you been involved in the production of charcoal, cutting or collecting firewood, collecting water, extracting seeds, herbs, sand, clay or other material destined solely for the use of people living in the household or relatives?

Yes **No**

3. In the reference week, did you have any activities in the manufacture of clothing, knitting, crocheting, embroidery, ceramics, fishing net, food or alcoholic beverages, medicinal products or other products intended only for the use of the persons of the household or relative?

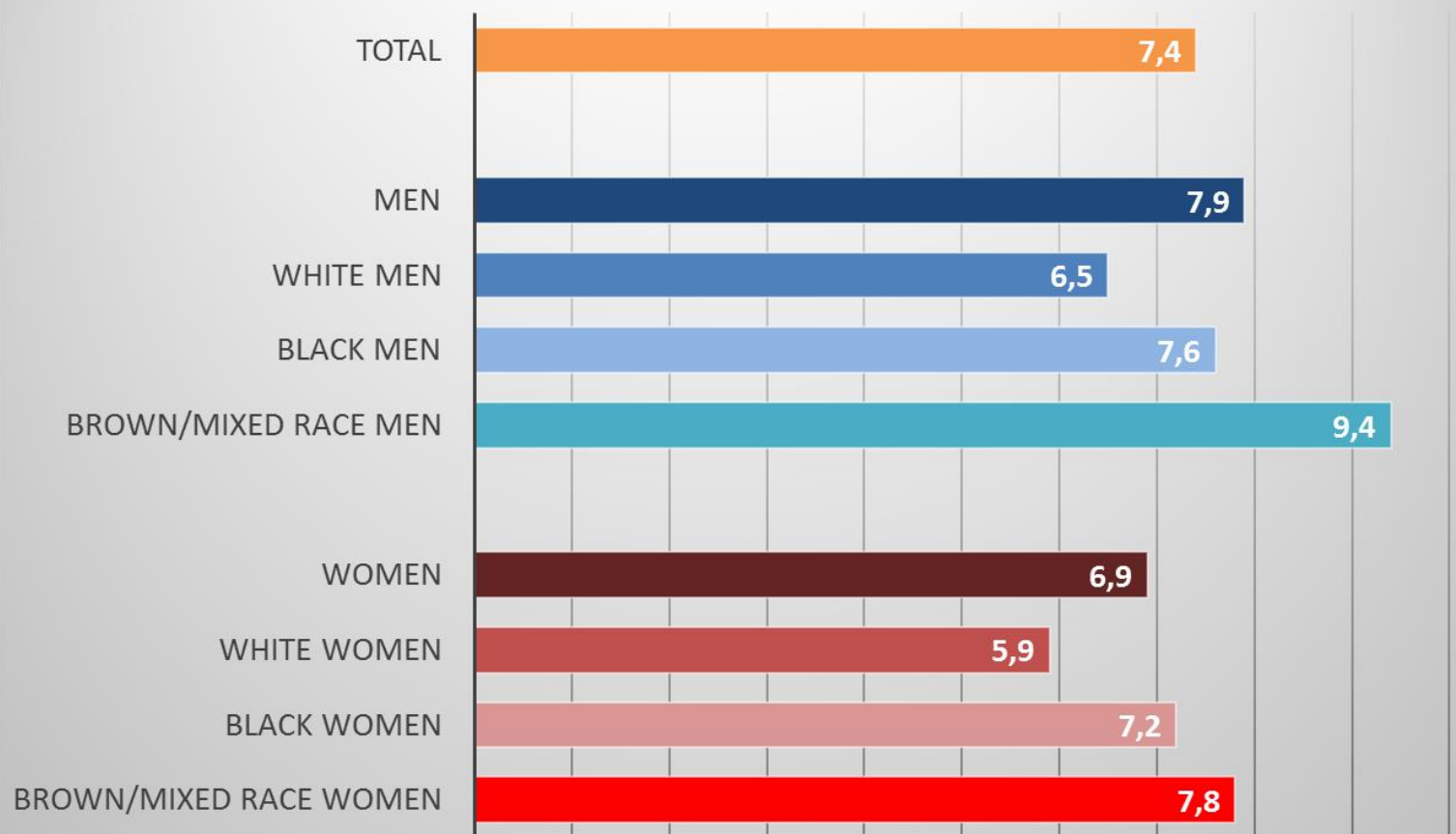
Yes **No**

4. In the reference week, did you engage in construction of a house, room, wall, roof, oven or barbecue, fence, road, animal shelter or other works intended solely for the actual use of persons living in the home or relative?

Yes **No**

Some results: Own-use production work

Proportion of people who worked at any production for own final use (%) - Brazil - PNAD-C 2017



PNAD 2015 (10+)	%
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Total	3,9
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Men	3,0
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Women	5,2
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For those occupied in paid work, its own final use production was not considered!

- **Although PNAD and PNADC are not directly comparable surveys** (different sample designs, methodology, scope, concepts, questionnaire, timing, age limit), it seems that the **new coverage questions** to collect the information on own final use production, for **all people** (including those in paid work), qualified the data, especially for men, in terms of realizing what kind of activities have to be considered.

PNAD 2015 (other forms of work)

In the reference week, did you do home tasks?

Yes

No

How many hours did you normally spend per week on home tasks?

Although not explicit in the question, it includes care activities (description and examples just in the Interviewer Guide)



PNADC (other forms of work - care)

In the reference week, did you dedicated care for residents of this household who were children, elderly, sick, disabled or with special needs, such as: (Yes or No for each of them)

Assist in personal care (feeding, dressing, giving medicine, showering, putting to sleep)?

Assist in educational activities?

Read or play?

Monitor or accompany at home?

Transport or accompany to school, doctor, exams, park, plaza, social, cultural, sports or religious activities?

Other care tasks for residents of the household?

Yes

No

In the reference week, which resident (from the resident's list) did you dedicate care?

In the reference week, did you care for relatives who did not live in this household and who needed care (children, elderly, sick, disabled or with special needs)?

PNADC (other forms of work – home tasks)

**In the reference week, did you do home tasks for your own household, such as:
(Yes or No for each of them)**

Prepare or serve food, clean the table, or wash the dishes?

Take care of cleaning or maintenance of clothes and shoes?

Do minor repairs or maintenance of the home, car, appliances or other equipment?

Clean or tidy up your home, garage, yard or garden?

To take care of the organization of the home (pay bills, contract services, guide employees, etc.)?

Shop or research products prices for home?

Taking care of pets?

Other home tasks?

In the reference week, did you do any home tasks at a relative's household?

Yes

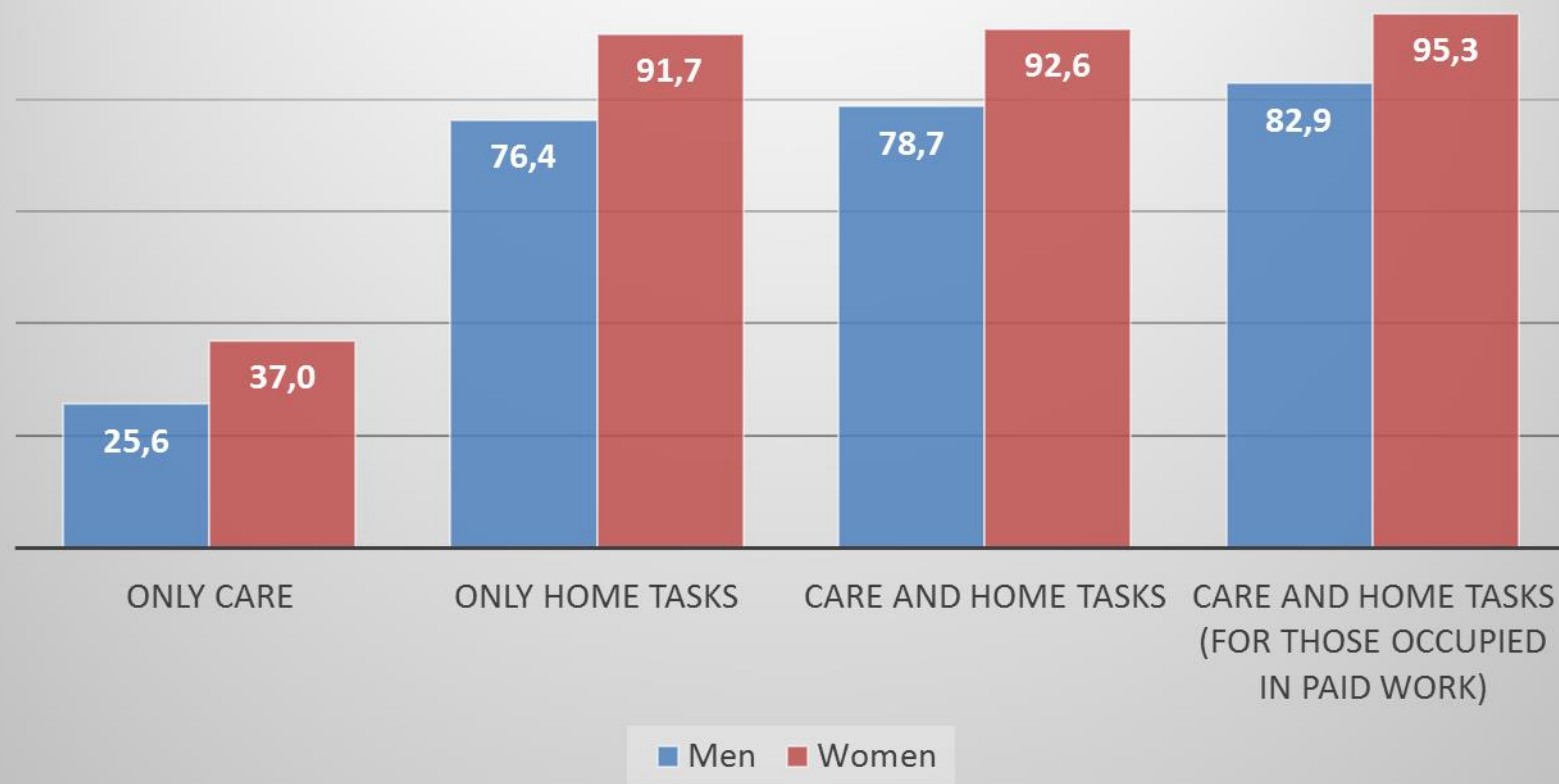
No

In the reference week, how many hours (total amount) have you dedicated to care and/or home tasks?

(Obs1: Count only once the time in hours dedicated simultaneously to more than one activity)

Some results: other forms of work

Proportion of people who did home tasks or care of residents of the household or non-resident relatives (%) - Brazil - PNAD-C 2017



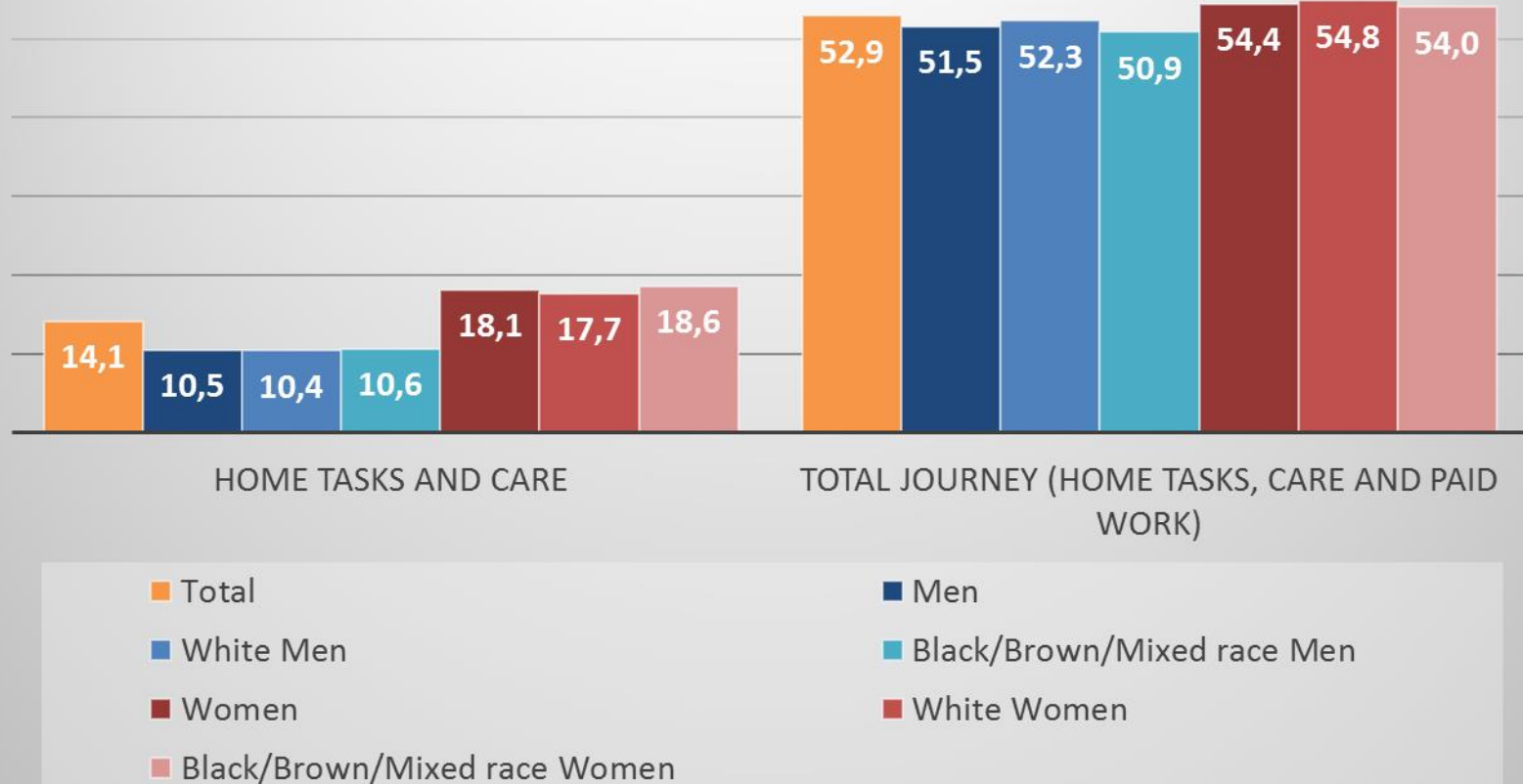
PNAD 2014 (16+)	%
Total	68,3
Men	51,3
Women	90,7

Home tasks and care for those occupied in paid work

- ▶ Although PNAD and PNADC are not directly comparable surveys (different sample designs, methodology, scope, concepts, questionnaire, timing, age limit), it seems that the coverage questions to collect the information on other forms of work qualified the data, especially for men, in terms of realizing what kind of activities have to be considered.

Some results: other forms of work

Average weekly hours spent on home tasks or care of residents of the household or non-resident relatives, for men and women occupied in paid work - Brazil - PNAD-C 2016



PNAD 2014 (16+)	Home tasks+ care
Total	16,4
Men	10,0
Women	21,2

PNAD 2014 (16+)	Total Journey
Total	54,2
Men	51,3
Women	56,3

► However, the weekly average hours spent on these activities maintains the **previous pattern**.

Data users: communication

- ▶ Forum SIPD (Integrated System of Household Surveys)
 - 15 Forums
 - Participants: academics, civil society, government agencies and journalists
- ▶ Technical notes about the new concepts and methodological changes available on the IBGE's website
- ▶ Workshops for specific data users

Conclusions

- ▶ The Brazilian experience shows that some important adaptations in questionnaire were necessary, including some questions of coverage that facilitated the understanding of the different forms of work.
 - ▶ Some important modifications in 2015 (own final use production, home tasks and care) brought discontinuities in the historical series since 2012. Therefore we present as official the series from 2016 (considering that until 2015 PNAD and PNAD-C were in the field simultaneously).
- ▶ The comparison between the historical series of the PNAD and Continuous PNAD, however, cannot be exclusively attributed to the conceptual changes, considering that other methodological changes also interfere in the direct comparison of the indicators.
- ▶ Data on voluntary work is also available (2012-2017)