Seminar on National Accounts of Latin America and the Caribbean

Response to COVID-19 pandemic

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National household sample survey - PNADc

- Created in 2012.

- Data source for the National Accounts: income account, household production and others (especially in the quarterly accounts).

- The survey provides a time series of employment and income disaggregated by type of insertion in the labor market and economic activity in detail.

- It is a survey designed with a presentational collection in which the instruction is not to get any response over the phone.
However, since the beginning of the pandemic, IBGE had to interrupt the presential collection of all its surveys, and PNADc had to readjust and conduct telephone interviews.

This was possible because the survey sample is repeated at regular intervals and, in past interviews, the telephone numbers of the investigated households were obtained.

For example, 80% of the households investigated in April 2020 were also investigated in February 2019.

However, poor performance (no phone number or rejection), especially in the first interview.
The response rate, which in the presential collection in February was 87.9%, fell to 61.3% in March and 60.2% in April.

The lower response rate raised doubts about the quality of the data and the possibility of continuing to use PNADc data in the National Accounts.

Simultaneously with the PNADc maintenance effort, IBGE designed a second survey, PNAD-COVID19, specifically designed for the moment, with the questionnaire ready to be answered by telephone.
New national household sample survey – PNAD COVID19

SINTOMAS APRESENTADOS
entre 06/09 e 12/09/2020

- Dor nos olhos: 0,4%
- Nariz entupido ou escorrendo: 1,7%
- Tosse: 1,5%
- Dor no peito: 0,3%
- Dor muscular: 1,0%
- 2,0% Dor de cabeça
- 1,1% Dor de garganta
- 0,5% Dificuldade para respirar
- Perda de cheiro ou de sabor: 0,4%
- Náusea: 0,3%

FORÇA DE TRABALHO
entre 06/09 e 12/09/2020

- Pessoas ocupadas trabalhando: 80,3%
- Pessoas ocupadas e afastadas devido ao distanciamento social: 3,1%
- Pessoas ocupadas afastadas por outros motivos: 2,5%
New national household sample survey – PNAD COVID19

Questionnaire:

➢ Module A - Characteristics of residents - comes from the PNADc

➢ Module B - COVID-19 - 7 questions

➢ Module C - Labor market - 22 questions

➢ Module D - Income from other sources of all household members - 1 question

➢ Module F - Rental value - 2 questions
New national household sample survey – PNAD COVID19

Objectives:

➢ Estimate the number of people with referred symptoms associated with COVID-19;

➢ Measure the impacts of the pandemic on the Brazilian labor market;

➢ Serve as input for the National Accounts.

Started in May and had response rates higher than PNADc (more than 80%)
QNA: PNADc X PNAD COVID19

Objetive: Obtain results for the second quarter

➢ Use of the variation rates between May and June of the PNAD COVID19 to estimate a new value for the second quarter using data from PNADc for April and May.

➢ Result: very similar quarterly variation rates between those of the “pure” PNADc and those of the mixed estimate.ación trimestrales muy similares entre las del PNADc “pura” y las de la estimación mixta.

➢ Given this result, and in order to avoid disruptions in the methodology, it was decided to maintain the use of the PNADc for the second quarter, with the expectation of a new analysis in the third quarter, with a full quarter of the PNAD COVID19.
The comparison of the results for the labor market of the Continuous National Household Sample Survey - PNADc and PNAD-COVID19 showed very similar trends. PNADc continued to be used as the primary source. We will continue to monitor the results of the next quarter.
QNA - Technical Note - Specific Treatments (COVID19)
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thank you!