

THE CHALLENGE OF INTRODUCING NEW INDICATORS ON WORK AND THE LABOUR MARKET: USERS' AND PRODUCERS' COMMUNICATION PERSPECTIVES

Brazil Experience

Cimar Azeredo Pereira
Brazilian Institute of Geography and Statistics

Geneva, October 18, 2018



Focus of invited presentations:

1. Brief overview of the process followed in implementing the 19th ICLS
2. Main impact on key headline indicators and relevance in the national context (employment, subsistence foodstuff producers, labour underutilization)
3. Strategies implemented to communicate the changes (early user-producer consultation, media workshops, any dissemination products, revision of historical series, etc.)
4. Good practices identified in communicating the changes, main challenges faced/lessons learned





1. Brief overview of the process followed in implementing the 19th ICLS



To understand better, I think it is important to contextualize showing how was the IBGE's System of Household Surveys ...

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There were several household surveys with different structures with different:

- planning and organization,
- sampling methods,
- concepts and fundamentals,
- data collect system,
- imputation,
- data tabulation,
- disclosure,
- ...



The result!!

HIGH COST

Questions?

**lack of
standardization**



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What resulted in:

- a high cost
- considerable lack of standardization,
- the work overload,
- Besides lack of opportunity of insertion of new subjects in the survey

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2006

IBGE **starts to plan the** Integrated System of Household Surveys ISHS



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Who worked with us?



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- ✓ IBGE held a number of meetings, seminars, forums, workshops etc.,
- ✓ IBGE opened and stimulated the debate on the implementation of a new system of household surveys.
- ✓ Working with partners was fundamental to the success of this project;

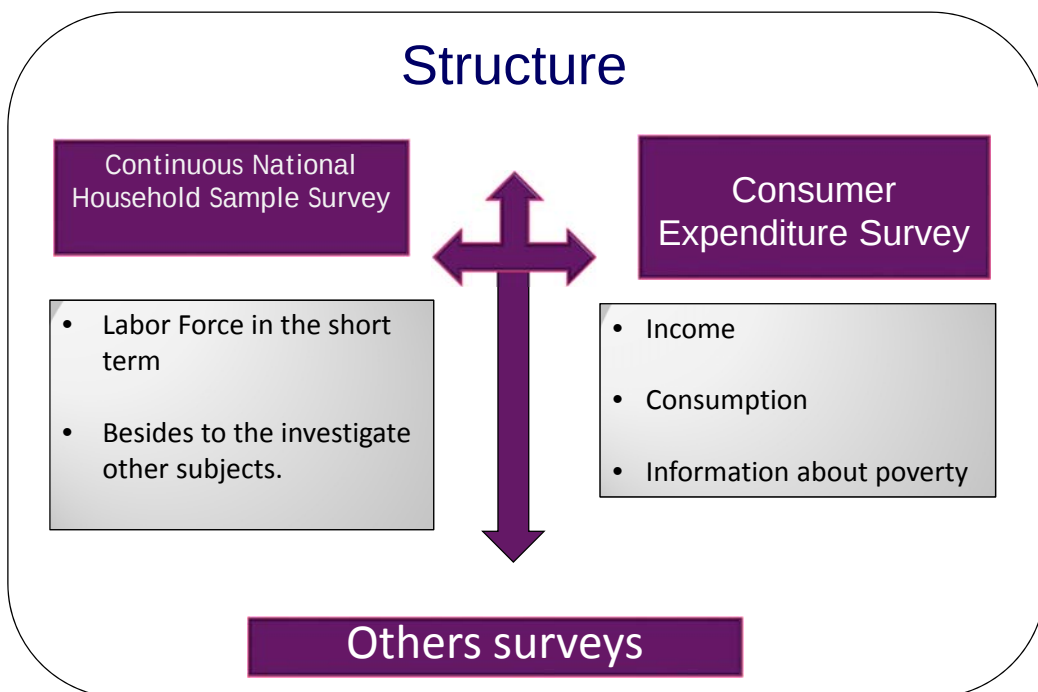
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It's very important to share the
responsibilities...

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Integrated System of Household Surveys ISHS



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Continuous PNAD

Continuous
National
Household
Sample Survey
(Continuous
PNAD)



HBS

Household Budget
Survey



**PESQUISA NACIONAL
DE SAÚDE**

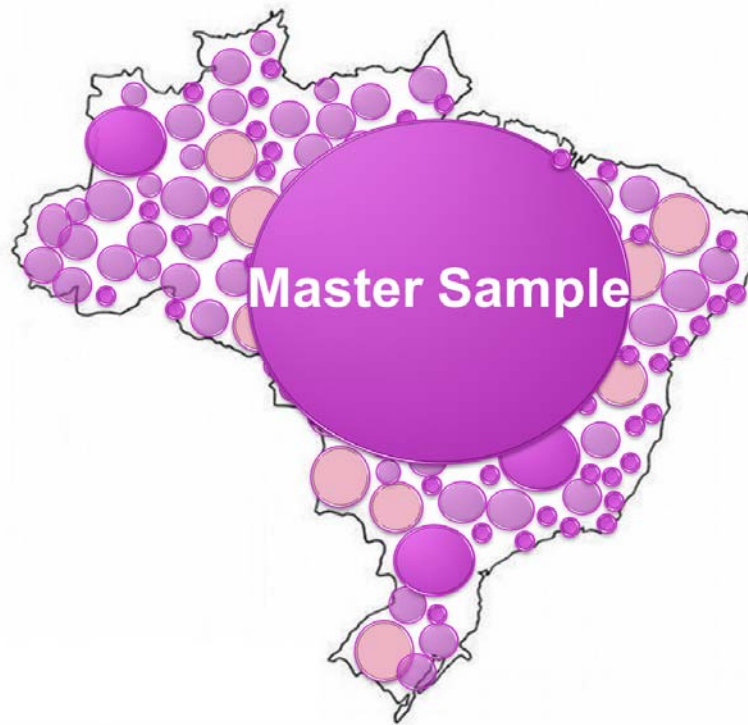
National Health
Survey (PNS)



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- ✓ The system uses a Master Sample, which is the basis for selecting samples from all household surveys.



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Master Sample

- ❑ Corresponds to an Area Frame covering the entire country with well-defined limits
- ❑ The elementary units of this frame are the enumeration areas containing information about the last Demographic Census.
- ❑ These enumeration areas are defined according some criteria, for instance, the number of dwellings whether the enumeration is located on urban or rural areas.



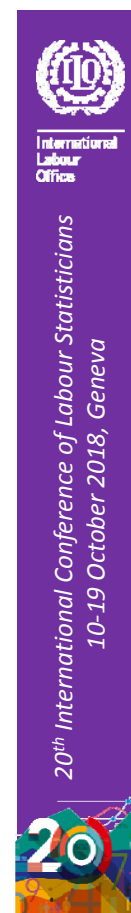
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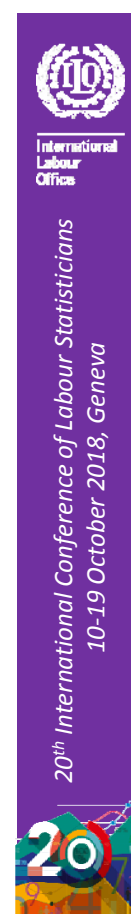
Master Sample

- ☐ The Master Sample is a stratified and clustered sample;
- ☐ Corresponds to a set of areas selected by a probabilistic method(e.g. Pareto sampling);
- ☐ These areas can be a group of contiguous enumeration areas or a single one, depending on the number of dwellings on each area;
- ☐ Pareto sampling allows units to be selected with probability proportional to size assigning them a Permanent Random Numbers(PRN) so as to perform sampling coordination.
- ☐ These units are the Primary Sampling Units(PSU). Therefore, a subsample of these selected units can also be selected with some control(allowing overlapping or not) according to some sampling strategy.



✓ Nowadays, surveys of the ISHS, are using the same structure of:

- planning and organization,
- sampling methods,
- concepts and fundamentals,
- data collect,
- imputation,
- data tabulation,
- disclosure,
- ...



These changes optimizes significantly the resources of:

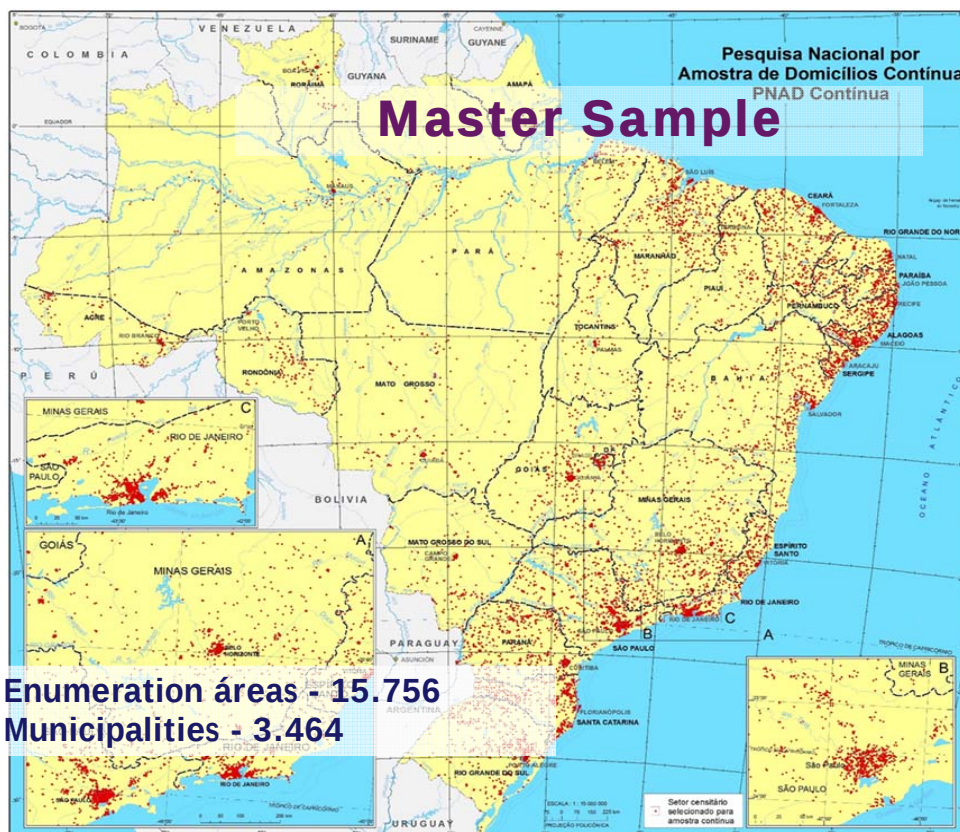
- personnel,
- Financial,
- infrastructure etc.,
- in addition enhance the capacity to expand the investigation of new themes

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National Household Sample Survey Continuous

Short name



Continuous PNAD

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Continuous PNAD

Produces
continuous
information

Produces annual
information

On the insertion of the
population in the labor
market and its various
characteristics.

About other forms of
work, child labor, housing,
ICT, etc.

To allow the study of
socioeconomic
development

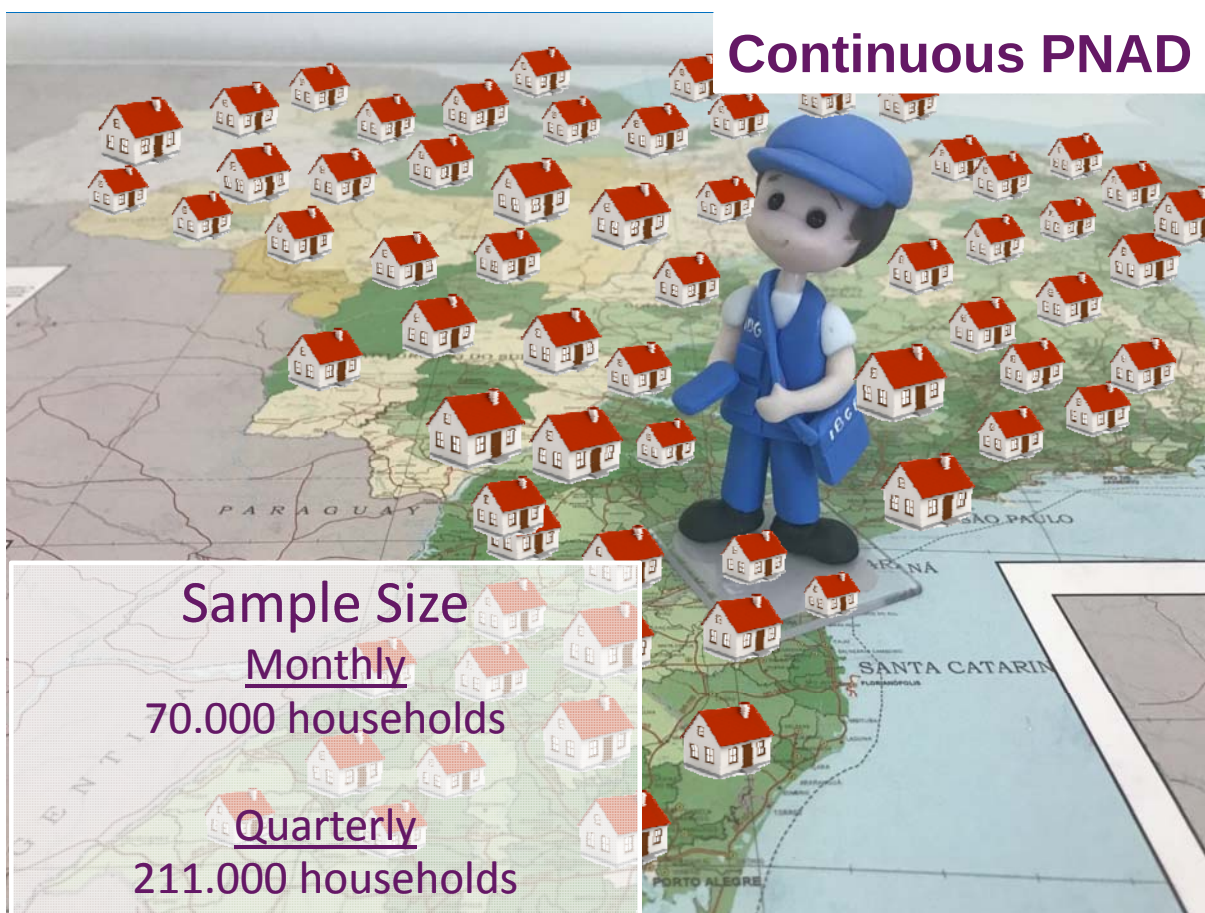


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Continuous PNAD



Sample Size

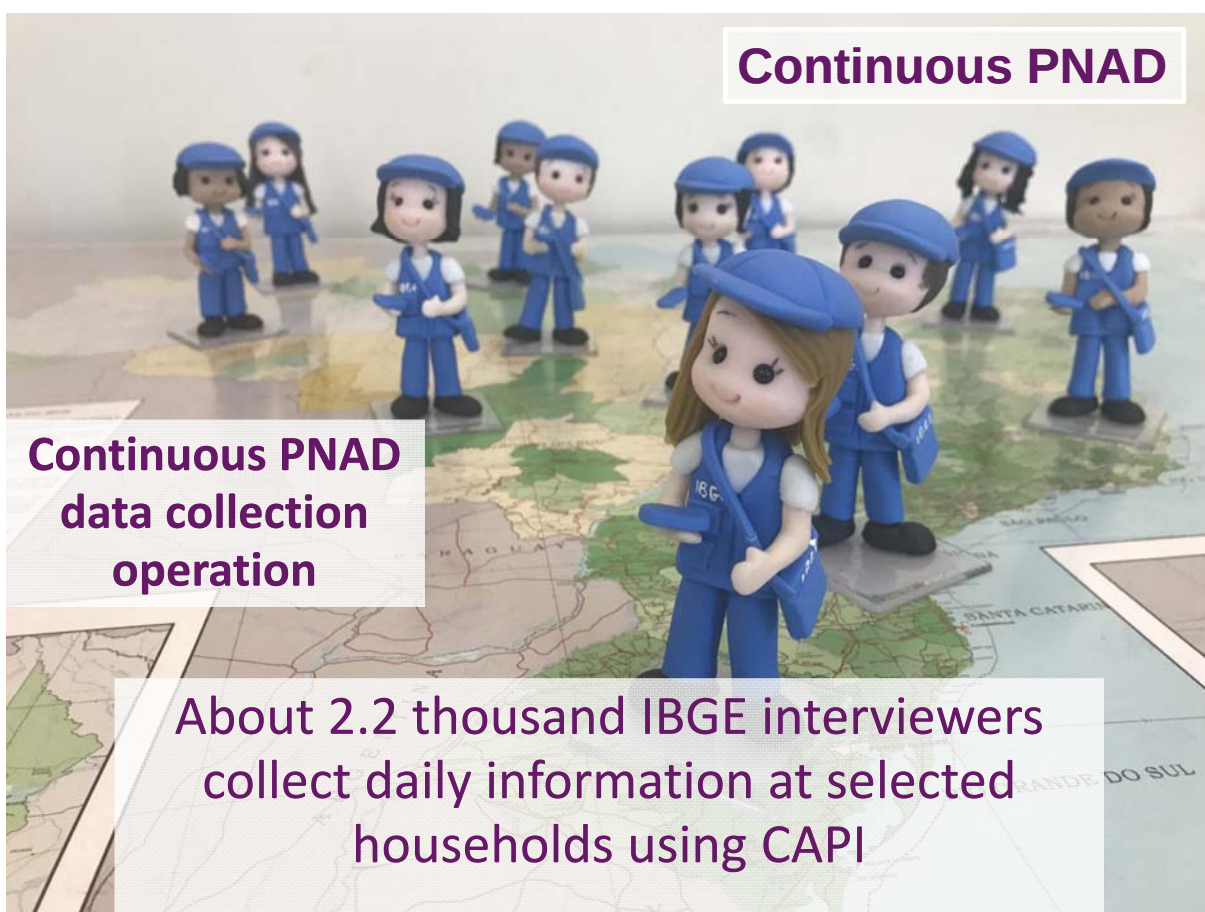
Monthly

70.000 households

Quarterly

211.000 households

Continuous PNAD

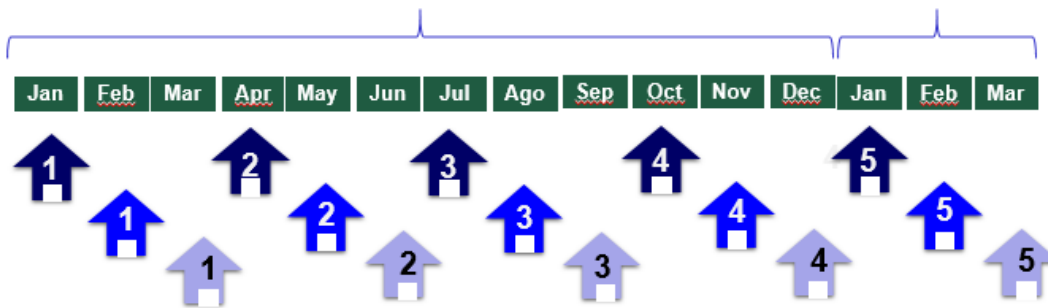


**Continuous PNAD
data collection
operation**

About 2.2 thousand IBGE interviewers
collect daily information at selected
households using CAPI

Continuous PNAD

Sample Rotation



An household is visited during 5 quarters, being a single time every quarter.

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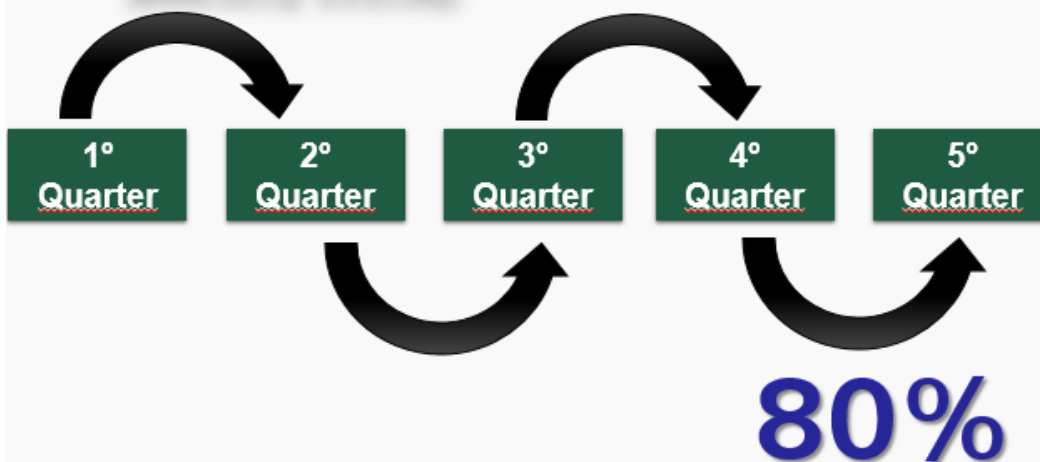
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Quarterly overlap



From one QUARTER to another, 80% of the households in the survey sample are the same

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2008

18^a ICLS

Decisions of the Conference

11. The Conference adopted six resolutions which are presented in Appendix I. The first two concerned technical recommendations. These are:
 - Resolution I: Resolution concerning the measurement of working time;
 - Resolution II: Resolution concerning statistics of child labour.
12. Two resolutions concerned recommendations on the future work of the Office in the field of labour statistics. These are:
 - Resolution III: Resolution concerning the development of measures of labour underutilization;
 - Resolution IV: Resolution concerning further work on the measurement of decent work.
13. A further resolution concerned the revision of paragraph 5 of the resolution concerning statistics of the economically active population, employment, unemployment and underemployment adopted by the 13th ICLS (1982). This is:
 - Resolution V: Resolution on the amendment of paragraph 5 of the resolution concerning statistics of the economically active population, employment, unemployment and underemployment adopted by the 13th International Conference of Labour Statisticians (October 1982).
14. The final resolution concerned the organizational arrangements for the ICLS:
 - Resolution VI: Resolution concerning organization, frequency and duration of the ICLS.



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After that, the preparatory studies for the 19th ICLS have started.

Taking this opportunity, the IBGE started to develop the Continuous PNAD based on the decisions of the new resolution;



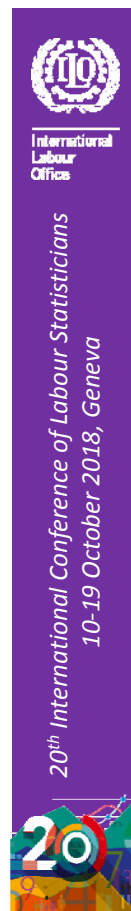
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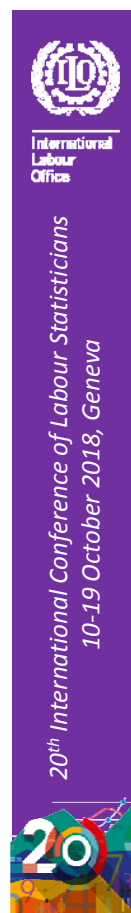
2009

IBGE carried out a
Continuous PNAD
test;



2011

IBGE carried out a national
pilot test;



2012

Continuous PNAD is
implemented in Brazil in order
to produce quarterly indicators on the
Labour Force.



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2013

The new resolution.

It was necessary to
make just a few
adjustments in the
Continuous PNAD



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1) Brazil began to adopt the recommendations of the 19th ICLS in the Continuous PNAD;

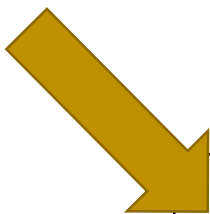
2) Brasil participated in the preparatory discussions for the 19th ICLS;

3) For this reason, most of the recommendations had already been incorporated into the Continuous PNAD.

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2014

IBGE officially announced that it would disseminate the first results of the Continuous PNAD



**Pesquisa Nacional por Amostra de Domicílios Contínua
(PNAD Contínua)**

Divulgação dos primeiros resultados

O IBGE divulgará, em 17 de janeiro de 2014, os primeiros resultados da Pesquisa Nacional por Amostra de Domicílios Contínua (PNAD Contínua), implantada com o objetivo principal de produzir informações contínuas sobre a inserção da população no mercado de trabalho e de características tais como idade, sexo e nível de instrução, bem como permitir o estudo do desenvolvimento socioeconômico do País através da produção de dados anuais sobre outras formas de trabalho, trabalho infantil, migração, entre outros.

A PNAD Contínua é parte do Sistema Integrado de Pesquisas Domiciliares (SIPD), que se constitui em um modelo de produção de pesquisas amostrais domiciliares no qual o planejamento, a execução, a análise e a disseminação dos resultados das diversas pesquisas serão conduzidos de forma coordenada

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2014

IBGE disseminated the first results of Continuous PNAD

Later I will talk about the procedures adopted
by IBGE to disseminate the first indicators of
Continuous PNAD



globo.com | g1 | globoesporte | gshow | videos

MENU

ECONOMIA

13/01/2014 15h35 - Atualizado em 13/01/2014 16h06

IBGE divulga sexta pesquisa que busca mapear os empregos do país

Pnad Contínua vai monitorar capitais e zonas rurais do Brasil. Divulgações devem ser trimestrais e envolvem 3.500 municípios.

Lilian Quaino
Do G1, no Rio

FACEBOOK

Twitter

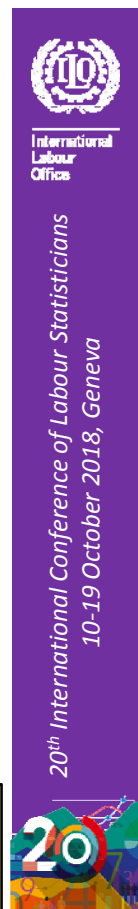
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Pinterest

O Instituto Brasileiro de Geografia e Estatística (IBGE) divulga na sexta-feira (17) os primeiros resultados da nova Pesquisa Nacional por Amostra de Domicílios (Pnad) Contínua, que substituirá a tradicional Pnad anual e a Pesquisa Mensal de Emprego (PME).

Enquanto a PME pesquisa a cada mês a situação do mercado de trabalho em seis regiões metropolitanas (Porto Alegre, Belo Horizonte, São Paulo, Rio de Janeiro, Recife e Salvador), a Pnad Contínua vai mostrar o cenário do emprego a cada três meses em 3.500 municípios em

IBGE will announce next Friday a survey whose purpose is to map the country's jobs



Edição do dia 17/01/2014
17/01/2014 21h39 - Atualizado em 17/01/2014 21h39

IBGE apresenta um retrato do mercado de trabalho no Brasil

A partir de agora, os dados da Pesquisa Nacional por Amostra de Domicílios Contínua - a nova PNAD - serão coletados em todo o país a cada três meses.



O IBGE divulgou números novos do mercado de trabalho no Brasil. A partir de agora, os dados da Pesquisa Nacional por Amostra de Domicílios Contínua - a nova PNAD - serão coletados em todo o país a cada três meses.

Seis meses procurando emprego e

IBGE presents a complete picture of the Brazilian labor market



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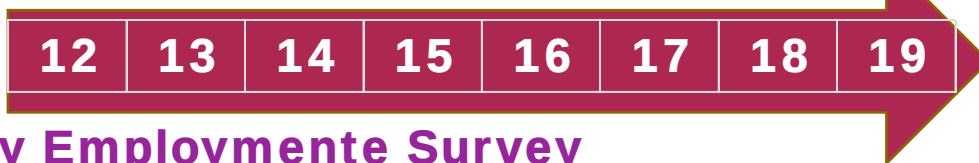
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Decade of 2010

Continuous PNAD



Monthly Employment Survey



Annual PNAD



3 Surveys

2. Main impact on key headline indicators and relevance in the national context (employment, subsistence foodstuff producers, labour underutilization)



The impact will happen,
it is inevitable, but you can reduce
and control it if you use some
important tools that protect a official
statistical institute.



It is important to be aware of the 10
fundamental principles of official
statistics (UN).



It is also essential to disseminate them to:

- the **government**, so that they are clear about the consequences of their interventions;
- the **press**, who sometimes ask us for data in advance;
- the **academics and specialists** who are always requesting identified data etc.

The IBGE has a distance learning course, in portuguese, about these principles.

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- ✓ Fundamental Principles of Official Statistics
- ✓ Fundamental Principles of Official Statistics: guidelines for dissemination of results by the IBGE
- ✓ Procedures for Dealing with Disclosure Errors of IBGE Statistical Information and Data (in Portuguese)
- ✓ Procedures for Dealing with Misuse of IBGE Statistical and Geospatial Data and Information (in Portuguese)



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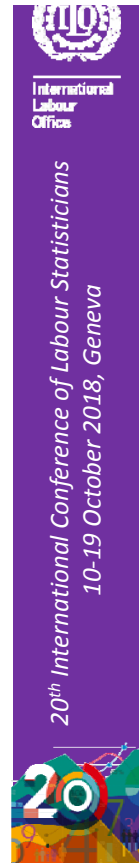
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Produce **technical notes** to communicate changes,

The **publication of the technical notes** in advance, explaining the changes, and everything that is to be incorporated, is fundamental

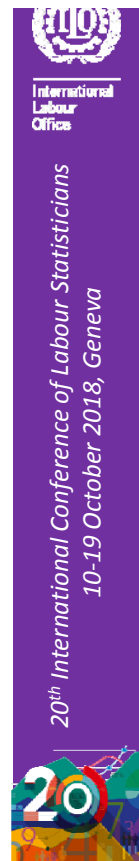
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The **dissemination dates** must be made available in advance. And the dates of release must be respected.



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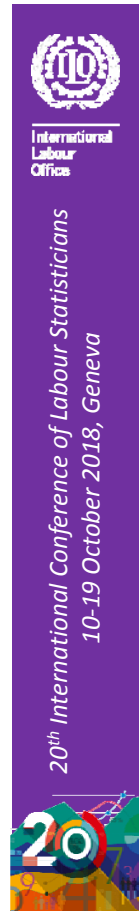
And you have to be prepared to answer all the questions

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3. Strategies implemented to communicate the changes (early user-producer consultation, media workshops, any dissemination products, revision of historical series, etc.)
4. Good practices identified in communicating the changes, main challenges faced/lessons learned

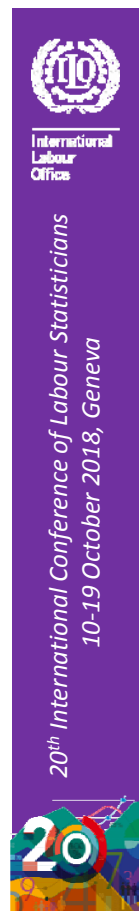
Unemployment rate

Until October 13, 2016, this was the only measure of the underutilization of the labor force in Brazil.



2016

IBGE invited the society to talk and discuss about underutilization of the labour force



Let's talk about
Discouragement
!!!

Let's talk about
time-related
underemployment
!!!!!!

Let's talk
Potential Labour
Force!!!!

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But what does
it mean?????

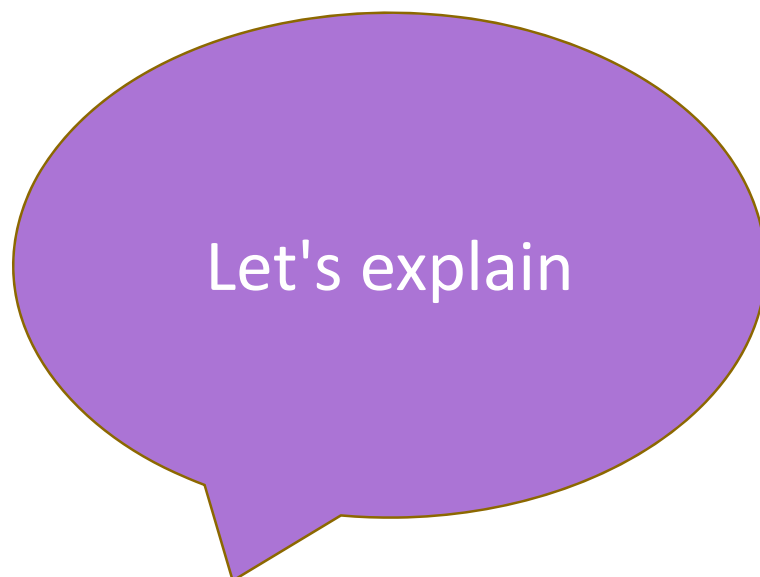
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Meetings with users and experts



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Course to the press



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Conference with the Government Bodies



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Meetings of embargo with the press are fundamental

The practice of the embargo consists in anticipating for the communication vehicles the material, with the same period of time that establishes a decree of the federal government and with the commitment of the journalists only to publish it in date and time established by the IBGE.



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The goal was:

- Explain the new surveys;
- Facilitate understanding;
- Explain the differences;
- Explain the series break due to differences, which are not negligible;

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October 13, 2016

O GLOBO MENU ECONOMIA



DESALENTADO, SUBUTILIZADO... ENTENDA A PESQUISA DE EMPREGO DO IBGE

No ano passado, faltou trabalho para 26,5 milhões de brasileiros, em média



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Discouraged, underutilized... understand the IBGE's Surveys

JP Notícias Esportes Entretenimento JP TV Opinião Programas Blogs

Faça uma simulação e solicite o seu.

JovemPan Online > Notícias > Brasil > A taxa de subutilização é “uma forma escondida de desemprego”, diz economista

A taxa de subutilização é “uma forma escondida de desemprego”, diz economista

Por Jovem Pan 18/08/2018 10h04

Agência Brasil




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Underutilization rate, a hidden form of unemployment

Falta trabalho para 27,7 milhões de brasileiros, aponta IBGE

Taxa de força de trabalho subutilizada ficou em 24,7% no 1º trimestre, a maior da série histórica, iniciada em 2012. Número inclui trabalhadores desocupados, mas que poderiam trabalhar, e também aqueles que trabalham menos de 40 h por semana.

Por Daniel Silveira e Darlan Alvarenga, G1

17/05/2018 09h01 - Atualizado há 5 meses



There is a lack of work for 27 million Brazilians, says IBGE

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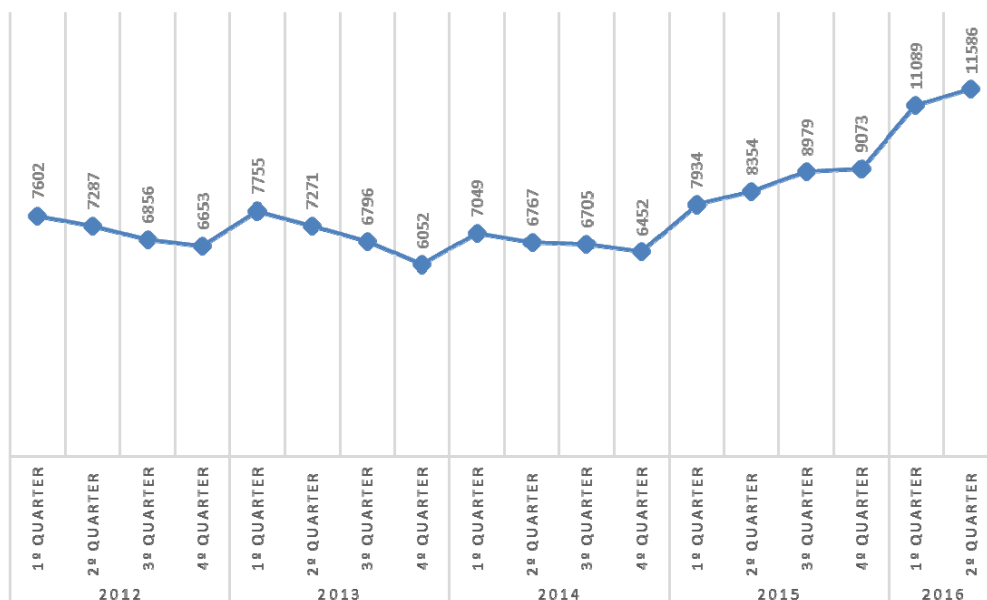


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◆ Total Unemployed People



11.6 million unemployed people in Brazil

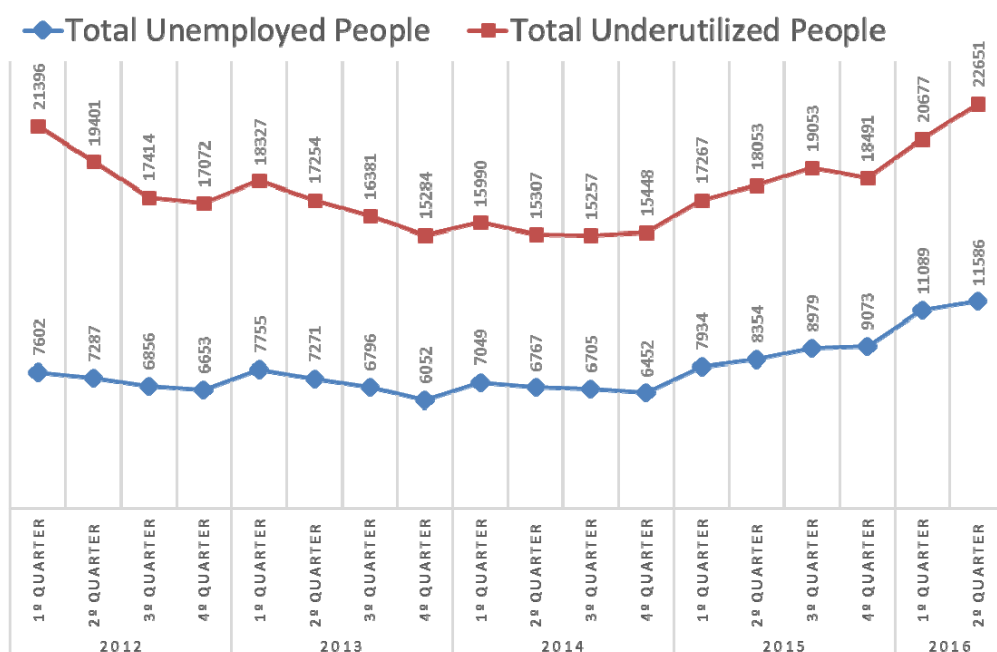
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22,6 million people underutilized in Brazil



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Later



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Política

Temer diz que desemprego está começando a cair

Publicado em 04/05/2018 - 15:01 Por Elaine Patricia Cruz - Repórter da Agência Brasil 📍 São Paulo

Durante evento na manhã de hoje (4), em São Paulo, o presidente da República, Michel Temer, destacou que as taxas de desemprego vem caindo no país. "O desemprego está começando a cair. Quando assumimos estava em torno de

Publicidade



Temer says that unemployment begins to fall

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MENU ASSINE

FOLHA DE S.PAULO



mercado > folhainvest tec startup indústria 4.0 previdência mpme consumo consciente programas econômicos

TEMPO REAL Acompanhe as últimas notícias sobre a corrida eleitoral

		Chamonix-Mont-Blanc		From Bern to Geneva
		8 €		14 €
		From Bern to Zurich		From Bern to Lausanne
		10 €		9 €

DESEMPREGO • MERCADO DE TRABALHO • TRABALHO

Desalento recorde limita alta na taxa de desemprego, diz IBGE

4,6 milhões de pessoas desistiram de procurar trabalho, a maioria jovens negros e pardos

Record discouragement rate limits the unemployment rate, says IBGE

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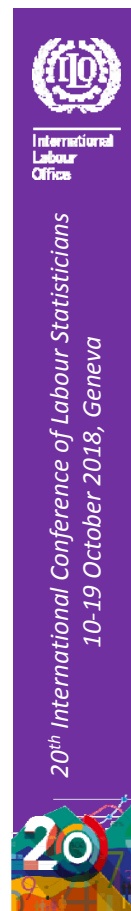


"I have been working on the **production of labour market indicators** in Brazil for many years, and I can say that **nowadays it is easier** to talk about these indicators, especially **with the press** and **with the specialists** and **opinion makers**, because there are much better diagnostic tools.

Thanks 19^a ICLS!!!

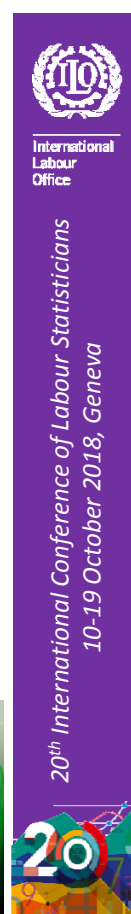
Thanks ILO!!!!"

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Continuous PNAD

Possibility of thematic allocation



A particular topic can be investigated on all visits and in all quarters.

So we will provide quarterly results for a conjunctural monitoring.

Month	Distribution of visits in quarters					
Jan	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	1° Quarter
Feb	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	
Mar	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	
Apr	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	2° Quarter
May	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	
Jun	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	
Jul	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	3° Quarter
Ago	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	
Sep	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	
Oct	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	4° Quarter
Nov	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	
Dec	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	



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A particular topic can be investigated on all quarterly visits.

So we provide annual (structural) results.

Month	Distribution of visits in quarters					
Jan	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	1° Quarter
Feb	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	
Mar	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	
Apr	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	2° Quarter
May	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	
Jun	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	
Jul	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	3° Quarter
Ago	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	
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Oct	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	4° Quarter
Nov	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	
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Ago	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	
Sep	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	
Oct	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	4° Quarter
Nov	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	
Dec	Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	



Calendar data collection in 2018

[illegible]

Continuous PNAD

Subjects investigated

- Labour Force
 - ✓ Conjunctural
 - ✓ Structural
- Income from all sources (*Income from: rent, government income transfer programs, alimony, retirement, savings interest, non-resident's allowance,*)
- General characteristics of the residents (*sex, colour, age etc*)
- Education (*basic characteristics*)
- Characteristics of households
- Children Labour
- Additional features of education
- Information and communication technology ICT
- Other forms of work (*volunteer work, caring for people, domestic tasks, production for own consumption, construction for own use.*)



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Continuous PNAD dissemination structure Estrutural

Annual disclosure



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Annual Disclosures in 2017

1ª Visit



Additional features of the labor market

October 18, 2017



General characteristics of the residents

November 24, 2017



Characteristics of households

November 24, 2017



Household Income

November 29, 2017

Annual Disclosures in 2017

5ª Visit



Child labour

November 29, 2017



Other Forms of Labour

December 7, 2017

Annual Disclosures in 2017



3ª Quarter

Education

22 de dezembro de 2017



4ª Quarter

ICT

21 de fevereiro de 2018

Calendar of data collection - 2018

Thematic Modules	1º Quarter					2º Quarter					3º Quarter					4º Quarter				
	Visits					Visits					Visits					Visits				
	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
General characteristics of the residents																				
Education																				
Labor Markets																				
Additional work questions																				
Housing																				
Income from other sources																				
Other forms of work																				
Child and adolescent labor																				
ICT																				
Additional Education Questions																				



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Dissemination material for short-term information

Disclosures

Mobile Quarters Monthly Disclosure

Dados para Brasil						
Divulgação	2012	2013	2014	2015	2016	2017
1		nov-dez-jan	nov-dez-jan	nov-dez-jan	nov-dez-jan	nov-dez-jan
2		dez-jan-fev	dez-jan-fev	dez-jan-fev	dez-jan-fev	dez-jan-fev
3	jan-fev-mar	jan-fev-mar	jan-fev-mar	jan-fev-mar	jan-fev-mar	jan-fev-mar
4	fev-mar-abr	fev-mar-abr	fev-mar-abr	fev-mar-abr	fev-mar-abr	fev-mar-abr
5	mar-abr-mai	mar-abr-mai	mar-abr-mai	mar-abr-mai	mar-abr-mai	mar-abr-mai
6	abr-mai-jun	abr-mai-jun	abr-mai-jun	abr-mai-jun	abr-mai-jun	abr-mai-jun
7	mai-jun-jul	mai-jun-jul	mai-jun-jul	mai-jun-jul	mai-jun-jul	mai-jun-jul
8	jun-jul-ago	jun-jul-ago	jun-jul-ago	jun-jul-ago	jun-jul-ago	jun-jul-ago
9	jul-ago-set	jul-ago-set	jul-ago-set	jul-ago-set	jul-ago-set	jul-ago-set
10	ago-set-out	ago-set-out	ago-set-out	ago-set-out	ago-set-out	ago-set-out
11	set-out-nov	set-out-nov	set-out-nov	set-out-nov	set-out-nov	set-out-nov
12	out-nov-dez	out-nov-dez	out-nov-dez	out-nov-dez	out-nov-dez	out-nov-dez

Quarterly disclosure 4 Disclosures per year

Dados para Brasil, GR, UF, RM e Capitais						
Divulgação	2012	2013	2014	2015	2016	2017
1º Trim	jan-fev-mar	jan-fev-mar	jan-fev-mar	jan-fev-mar	jan-fev-mar	jan-fev-mar
2º Trim	abr-mai-jun	abr-mai-jun	abr-mai-jun	abr-mai-jun	abr-mai-jun	abr-mai-jun
3º Trim	jul-ago-set	jul-ago-set	jul-ago-set	jul-ago-set	jul-ago-set	jul-ago-set
4º Trim	out-nov-dez	out-nov-dez	out-nov-dez	out-nov-dez	out-nov-dez	out-nov-dez



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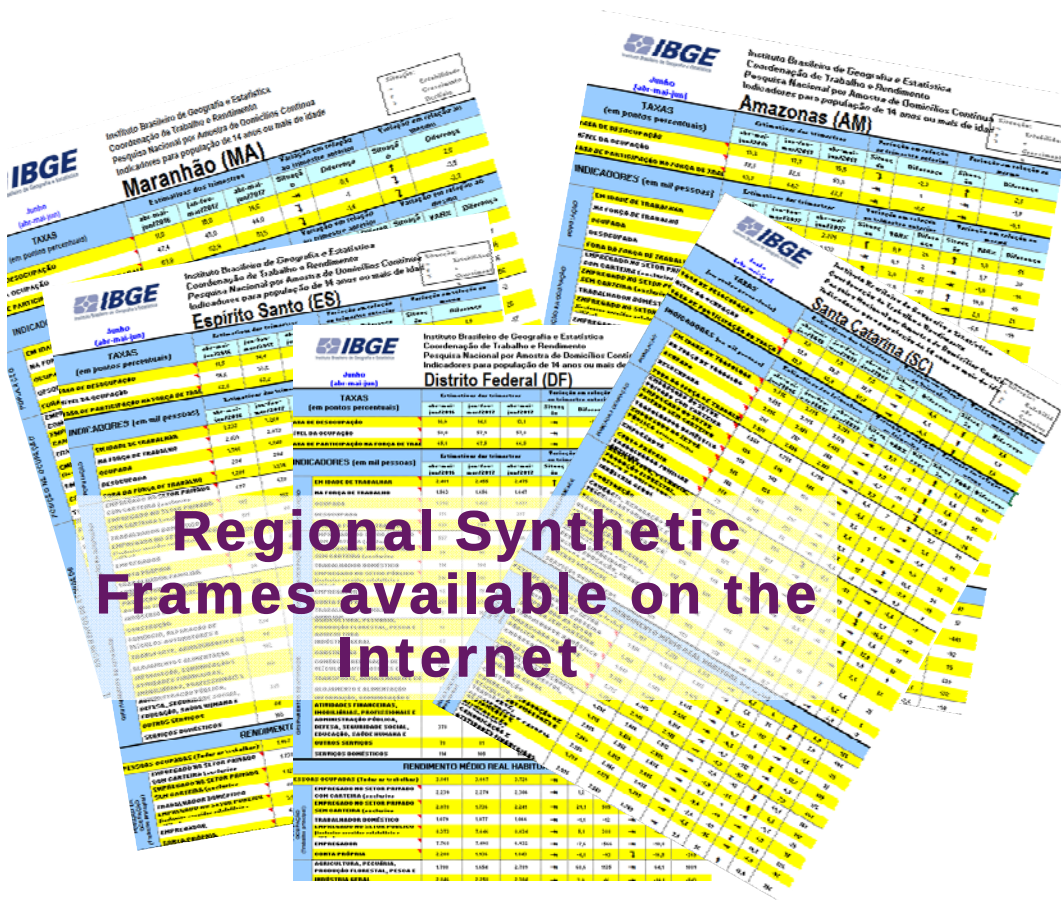
Regional Reports available on the Internet



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Regional Synthetic Frames available on the Internet



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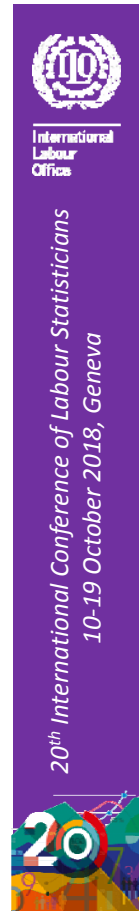
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The Minister Cármem was President of the Federal Supreme Court of Brazil

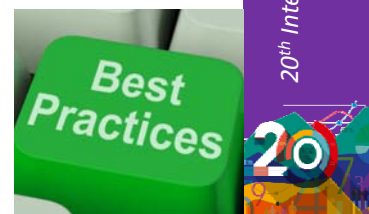
87



Technical Cooperation

The Brazilian Government has stimulated technical
cooperation and IBGE has received some countries

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Technical Cooperation from Brazil to:



Peru



Bangladesh



Yemen



Costa Rica



Myanmar

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Myanmar



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Fundamental Principles of the Official Statistics (United Nations Statistical Commission, 1994)

1. Relevance, impartiality and equal access
2. Professionalism
3. Accountability
4. Prevention of misuse
5. Cost-effectiveness
6. Confidentiality
7. Legislation
8. National co-ordination
9. International co-ordination
10. International statistical co-operation



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International Recommendations

The indicators presented here were developed using the new concepts, definitions and nomenclatures in accordance with the recommendations of the International Labor Organization - ILO, adopted at the last International Conference of Labor Statisticians - 19th ICLS held in Geneva in October 2013.



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Principle 9 Use of international standards

The use by statistical agencies in each country of international concepts, classifications and methods promotes the consistency and efficiency of statistical systems at all official levels.



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The Brazilian Institute of Geography and Statistics - IBGE

is the main provider of data and information
about the Country.

Such information meets the demands of
several types of segments of civil society, as
well as the bodies at the federal, state and
municipal level.



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Main activities of IBGE

- Production of statistical information
- Coordination of the National Statistical System
- Production of geographic, geodetic and cartographic information, as well as information relative to natural resources and environment conditions
- Coordination of the National Cartographic System (through the National Commission of Cartography - CONCAR)
- Organization and dissemination of information
- Teaching activities: graduation in statistics, master course and internal employee training



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Institutional Mission

“To portray Brazil by providing the information required to the understanding of its reality and the exercise of citizenship”.



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Obrigado!
Merci!
Thanks!
Gracias

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