



INSTITUTO NACIONAL DE ESTATÍSTICA
STATISTICS PORTUGAL

» 2021 CENSUS – Portuguese experience



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The 2020 World Programme on Population and Housing Censuses:
Impact of the Covid-19 Pandemic and the Future of Censuses





Virtual Census side-event, 21 February 2022



Agenda

1. 2021 Census Action Plan
2. Contingency Plan: Covid 19
3. Data Collection Strategy
4. Data Collection Results

Modernization in 4 areas

-  Dwelling list
-  Internet as the main response mode
-  Reinforcement of technology in fieldwork (app enumerator)
-  Use of administrative data

Strategic aims

-  Digital census
-  Inclusive census

Impact of Covid 19 in census activities

- ❖ The COVID-19 pandemic had a significant impact on the preparation of the 2021 Census and on the overall activity of Statistics Portugal
- ❖ Census activities planned a Pilot Survey to be held in April 2020 that would precede the real operation (planned for March 2021)
- ❖ The Pilot Survey was suspended as a result of the interruption by Statistics Portugal of all face-to-face fieldwork for public health reasons

Impact of Covid 19 in census activities

- Statistics Portugal evaluated a change in the schedule of the 2021 Census
- Discussed with the Statistical Council, that recommended to Statistics Portugal “study all the possibilities for conduct the census operation in 2021” or “if not possible at all, prepare a plan to postpone the operation to 2022...”
- 2021 Census execution comes after a rigorous analysis and assessment of viability – Statistics Portugal defined a **Contingency Plan** in order to guarantee the quality of the Census operation and to avoid the risks for the population and the data collection structure due to the epidemiological context

Contingency Plan – main measures

- Replacement of the pilot survey for a smaller test conducted in November 2020
- Definition of a **Public Health Protocol** under the rules issued by the health authorities
- Reinforces the option for **internet collecting** (and help line)
- Introduction of answer by telephone (**CATI**)
- Adaptation the **communication program** to the public health context
- **Administrative data** support - controlling fieldwork and information validation

Public Health Protocol

- **Public Health Protocol** was defined under the rules issued by the health authorities and after close consultation with those authorities
- Utilization of Personal Protective Equipment (PEE): facial masks and Alcohol-Based Antiseptic Solution
- Recruitment actions and training sessions using videoconferencing systems (some in-person sessions)
- Letters with the response placed in the mailboxes (instead of being delivered personally)
- Enumerators observe physical distance, hand hygiene and use of mask
- Meetings were held by videoconference (contacts via telephone and e-mail)

Reinforce the Option for web collection – Web questionnaire

CHOOSE COLOR
THEME



CHANGE FONT
SIZE



EN

2021 CENSUS

The period for responding to the 2021 CENSUS via internet is closed.

Any questions or clarifications, contact us at censos2021@ine.pt

Thank you for your participation.

Three steps to answer: easy, secure and fast.

- 1 Easy**
Keep with you the letter received from Statistics Portugal
- 2 Secure**
Enter the Code and Password indicated in the Statistics Portugal's letter
- 3 Fast**
Fill in the questionnaire and at the end select "SUBMIT". The system will return to you a proof of successfully answer

Sign in

ENTER

AUTENTICAÇÃO GOV

[FORGOT PASSWORD?](#)



When to answer?

Answer from April 19th.

- Answer the 2021 Census as soon as possible, until May 31th.
- Avoid the travel and contact of the Enumerator.
- The answer to the 2021 Census is mandatory and confidential. Statistics Portugal guarantees the security and confidentiality of the information collected (Law No. 22/2008 of 13 May, Decree-Law No. 136/2012 of 2 July and Decree-Law No. 54/2019 of 18 April).



Introduce the possibility of answer by telephone

Not initially foreseen - there was a need to add this response mode (uncertainty about the possibility of face-to-face support given by enumerators or physical help points in local authorities)

Reinforce the dimension of the helpline

The helpline was scaled to be able to respond to an epidemiological situation with many restrictions to face-to-face support

Adaption of the publicity campaign

- Focus on internet response
- Answer online is safe (in both ways)
- Develop and explore partnerships
- Importance of local communities

From
Apr 19

Census count everyone.
Everyone counts.

Answer online
preferably by May 3
censos2021.ine.pt

 INSTITUTO NACIONAL DE ESTATÍSTICA
ECONOMIA E FINANÇAS

CENSOS
2021
Where everyone is.



Polícia Segurança Pública
9 de maio

A PSP informa que os recenseadores estão a contactar as pessoas que não responderam por intermédio da plataforma e que necessitem de apoio para responder ao questionário.

- ⚠ Todos os recenseadores encontram-se identificados com um colete do Censos 2021 e cartão profissional.
- ⚠ Não solicitam qualquer quantia e não entrarão nos domicílios...

Ver mais

701 114 comentários 868 partilhas

Gosto Comentar Partilhar



Onde estão todos.

Responda pela internet
censos2021.ine.pt

Linha de apoio
21 054 2021

CENSOS 2021
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ECONOMIA E FINANÇAS



Onde estão todos.

Responda pela internet
censos2021.ine.pt

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21 054 2021

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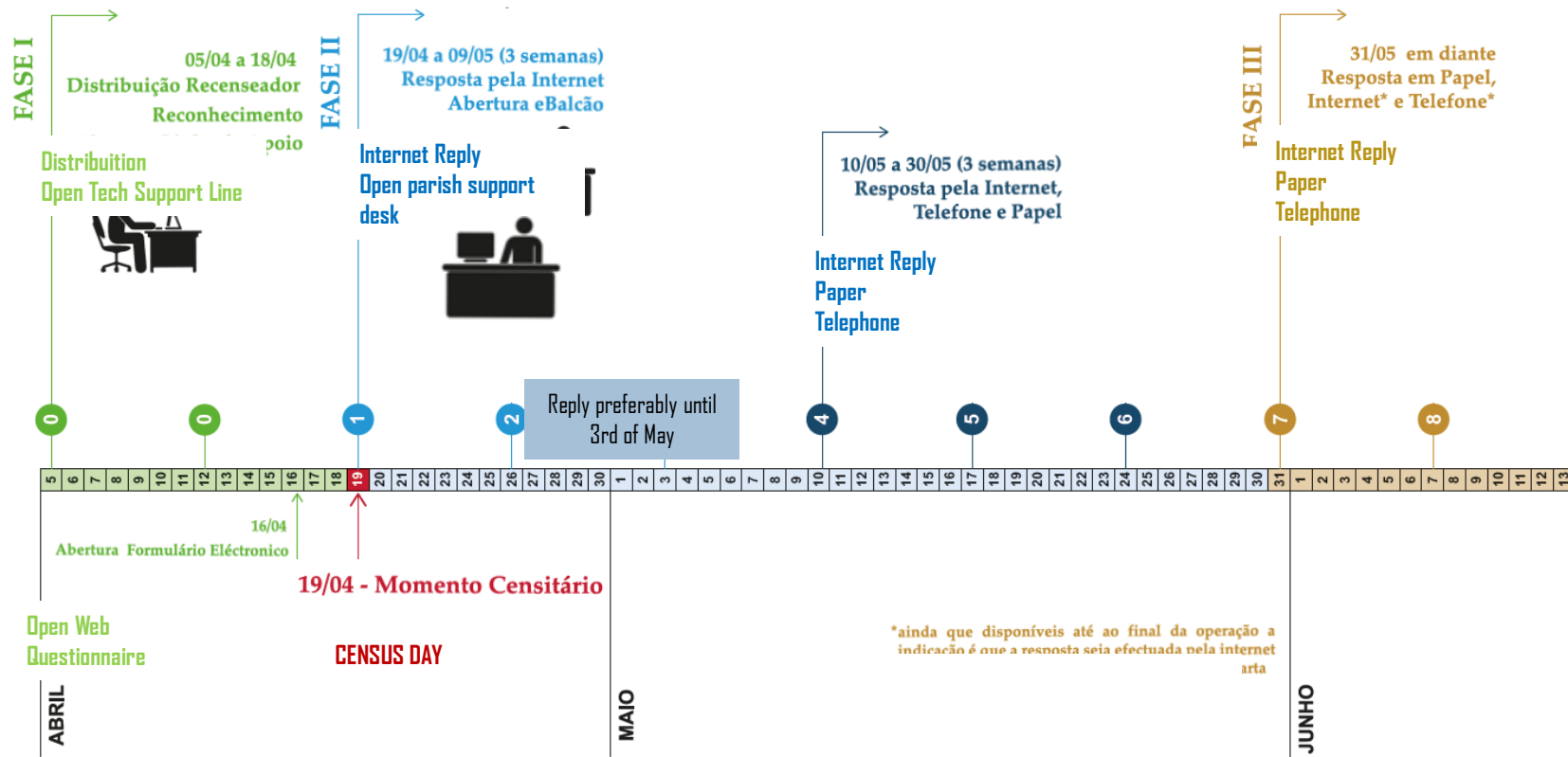
Administrative Data Support

- Administrative data was very important to support and complement the 2021 Census fieldwork and validation system
- Improve the quality of the address list and the occupancy status
- Improve the population count by making available estimates for number of residents and number of dwellings – administrative data used as alert indicators in the control of the fieldwork
- Reinforce the data validation system, consistency analysis and imputation of non-response

Administrative Data Support

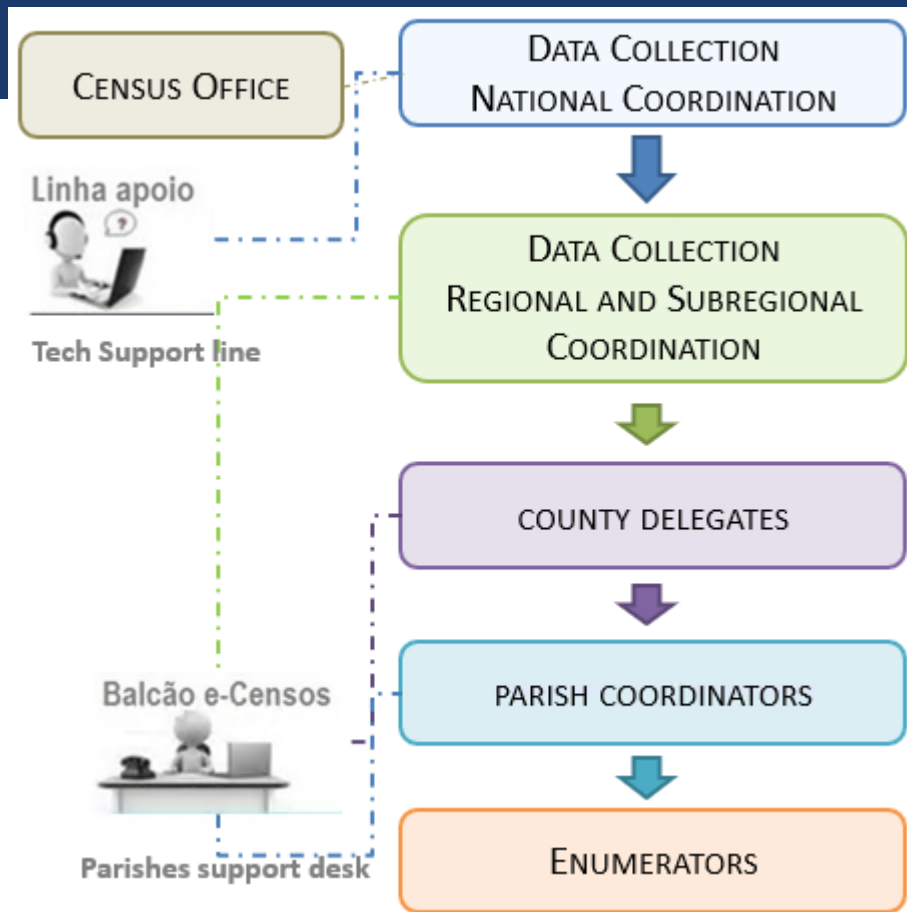
- Administrative data was prepared to assist eventual contingency actions for adversities that may compromise the Census response
- Possibility of having a set of administrative information that characterizes the population, if, in certain areas or for certain households is not possible collect the information through censuses (there was no need to implement this measure)

Data Collection – Phases and timetable



Data Collection Team

Involved around
15000 staff
members,
including 11000
enumerators



Data Collection PHASE I - Distribution

- From April 5th to April 18th
- All dwellings received a letter (with a unique code and password) to answer by internet (or telephone), distributed by the enumerators (without personal contact with the population)
- In this phase enumerators also made the Housing Census (confirm/correct address, add news buildings, delete nonexistent buildings, fill in Housing Census Questionnaire)
- No paper questionnaire were distributed

Data Collection PHASE I - Distribution

April 18 (two weeks of distribution)

6,2

millions of letters delivered by enumerators (99,2%)

A postcard from the Instituto Nacional de Estatística (INE) for the 2021 Census. The card is titled 'CENSOS 2021' and 'RESPONDA PELA INTERNET'. It features a QR code with the code '3AF4PX' and a phone number '210 54 20 21'. The text on the card includes 'INSTITUTO NACIONAL DE ESTATÍSTICA STATISTICS PORTUGAL', 'a/c do Residente no Alojamento', and 'A PARTIR DE 19 DE ABRIL EM CENSOS2021.INE.PT'. There are also small instructions in Portuguese and English at the bottom.

O Instituto Nacional de Estatística, IP (INE), solicita e agradece a resposta dos residentes deste alojamento aos Censos 2021, a partir de 19 de abril.

RESPONDA PELA INTERNET

1 FÁCIL - Aceda a censos2021.ine.pt, ou use o QR CODE

2 SEGURO - Digite o código e a password abaixo indicados.

CÓDIGO
3AF4PX

PASSWORD
A74a!3xBE

3 RÁPIDO - Responda às perguntas e quando terminar seleccione "ENTREGAR".
Guarde o comprovativo de resposta.

Data Collection PHASE II – Reply Phase

- From April 19th to June 30th
- Web questionnaire available to reply from April 19th (census moment)
- Answers recommended as soon as possible and preferably by May 3rd

Data Collection PHASE II - Reply Phase

May 3 (two weeks of data collection)

9,4

millions people registered (90%)

5,6

millions of dwellings registered (90%)

Data Collection PHASE II - Reply Phase

Due to the fantastic adhesion of the resident population in Portugal we **anticipated the reminder letter by 3 weeks**

From May 30th to May 4th

LINHA DE APOIO
210 54 20 21



CENSOS 2021



Identificação do alojamento

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
DTMNFR				SECÇÃO /SUBSECÇÃO			EDIFÍCIO		ALOJAMENTO	

AVISO

Exmo/a Senhor/a

O Instituto Nacional de Estatística, I.P. (INE), está a realizar os **CENSOS 2021**. Através dos Censos, o INE pretende recolher de forma exaustiva dados sobre a população e a habitação, fundamentais para a análise da estrutura social e económica do País.

_____, recenseador/a do INE, estive na sua residência no dia ____/____/2021 às ____ h ____ min para recolher a informação respetiva.

Dado não ter sido possível contactá-lo/a, informo que voltarei à sua residência no próximo dia ____/____/2021 previsivelmente às ____ h.

Se desejar marcar um dia e hora da sua preferência, ou para qualquer dúvida ou esclarecimento, por favor contacte-me através do nº _____

A sua colaboração é importante. Caso não possa estar presente, tem como alternativa:

- **Responder pela Internet** utilizando os códigos inscritos na carta que recebeu;
- Dirigir-se à sua **Junta de Freguesia** na posse deste aviso e da carta que recebeu.
- Contactar **telefonicamente** o INE através do número **210 54 20 21**, das 9h00 às 21h00. Tenha junto a si a carta que recebeu.

Antecipadamente grato/a pela sua colaboração.

O/A recenseador/a _____

Nos termos da Lei nº 22/2008, de 13 de maio, do Decreto-Lei nº 134/2012, de 2 de julho e do Decreto-Lei nº 54/2019, de 18 de abril, a resposta ao inquérito é **obrigatória** sendo garantida a **confidencialidade** e a salvaguarda do segredo estatístico de toda a informação.

Notas:

Reminder letter



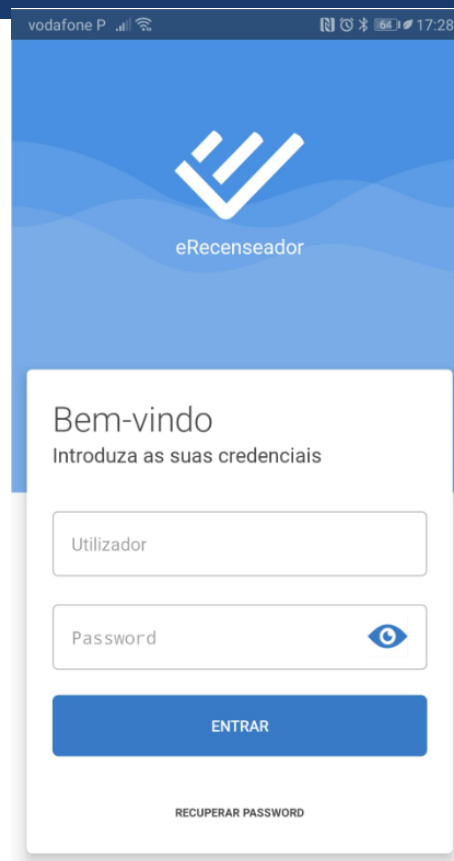
Data Collection PHASE III – Conclusion

- From May 31th to June 30th
- Micro data analysis
- Collect missing answers

* web questionnaire closed on 12 July

2021 Census eRecensador (eEnumerator)

eRecenseador (*eEnumerator*)
App – enumerators work
application (online and
offline) installed on their own
devices (iOS and Android)



eRecenseador allow

For each geographical area of work

- Associate a letter/code to dwellings
- Georeferencing buildings
- List all buildings and dwellings
- Add new buildings and dwellings
- Correct building and dwellings data
- Schedule appointments with the population
- Synchronize data collected offline
- Receive messages from Data Collections structure

Georeferencing



Georreferenciação



Personal Area



Área pessoal



Listing



Listagem



New Buildings



Novos edifícios



Schedule



Agenda



Synchronization



Sincronização



Sair

22:07



Bem-vindo,

ao eRecenseador

EXT.REC1.071301

CENSOS DA POPULAÇÃO E HABITAÇÃO

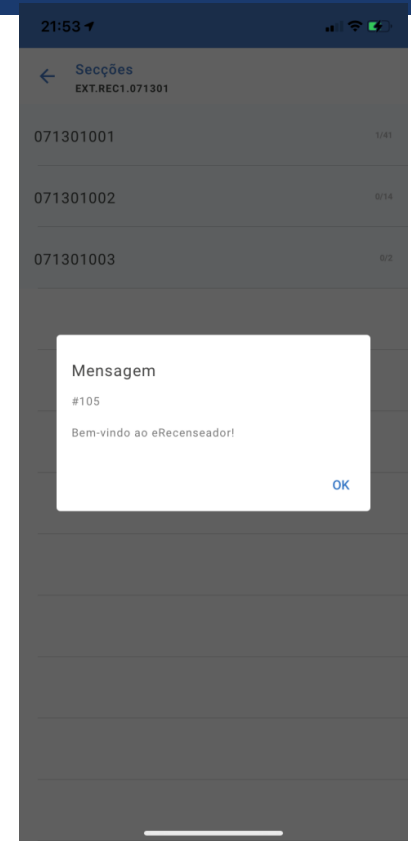
2020

VERSÃO 2.3 - 5

DEV

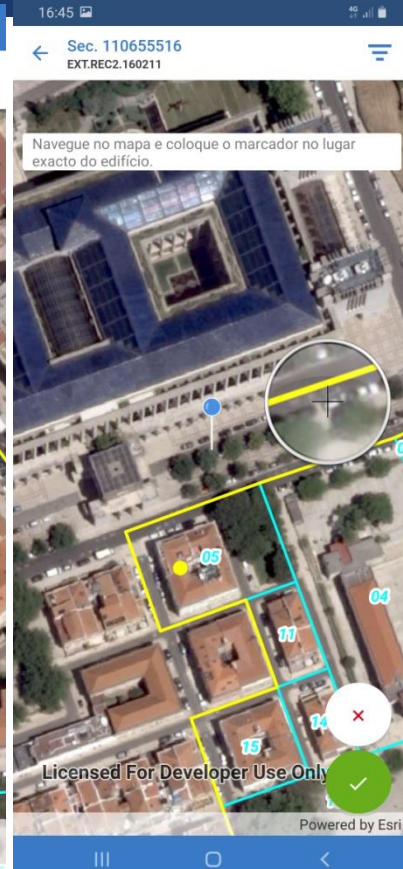
eRecensador (eEnumerator) – main functions

- Receive message from structure
- Messages of an informative or operational nature (which require action)



eRecensador (eEnumerator) – main functions

- Georeferencing buildings
- Correct geo position



eRecensador (eEnumerator) – main functions

List all buildings and dwellings

Secção 160201001
EXT.REC2.160217

SUBSECÇÕES			
1	0	1	0
Total	Concluído	Progresso	Por Iniciar

16020100107 PROGRESSO

State

- To start
- In progress
- Concluded

Subsecção 16020100107
EXT.REC2.160217

EDIFÍCIOS			
20	0	2	18
Total	Concluídos	Progresso	Por Iniciar

ALOJAMENTOS			
20	1	1	18
Total	Concluídos	Progresso	Por Iniciar

[CONCLUIR EXAUSTIVIDADE](#) [FECHAR SUBSECÇÃO](#)

1 PROGRESSO

Edifício00107001
R FONTE CASTRO ANCORA 4910-020 ÂNCORA

1 POR INICIAR

Edifício00107002
R GUARITA ANCORA 4910-020 ÂNCORA

1 POR INICIAR

Edifício00107003
R TEIVEIRA ANCORA 4910-020 ÂNCORA

Edifício 00102004
EXT.REC2.160217

R 5 DE OUTUBRO BL A 1251 1 DTO VILA PRAIA DE ANCORA 4910-387 VILA PRAIA DE ÂNCORA

Código
Sem código associado
Controlo do Alojamento
Entregar código livre

Alojamento 00102004A25 POR INICIAR

R 5 DE OUTUBRO BL A 1251 1 ESQ VILA PRAIA DE ANCORA 4910-387 VILA PRAIA DE ÂNCORA

Código
Sem código associado
Controlo do Alojamento
Entregar código livre

Alojamento 00102004A26 POR INICIAR

R 5 DE OUTUBRO BL A 1251 1 Recuado VILA PRAIA DE ANCORA 4910-387 VILA PRAIA DE ÂNCORA

Código
Sem código associado
Controlo do Alojamento
Entregar código livre

Alojamento 00102004A27 POR INICIAR

R 5 DE OUTUBRO BL A 1251 2 DTO VILA PRAIA DE

eRecensador (eEnumerator) – main functions

Dwellings actions and details

17:50

Alojamento 51602001002
EXT.REC2.160211

CONTROLO DO ALOJAMENTO
Distribuição de papel

RESULTADO DA RESPOSTA

CONCLUIU A RESPOSTA DO ALOJAMENTO?
Sim

ESTADO ECENSOS (CANAL)
Por iniciar

MORADA ALTERADA NO FEE?
Não

SITUAÇÃO ALOJ. FAMILIAR DIFERENTE NO FEE
Não

EDIT **Validated** **Associate Code**

EDITAR ALOJAMENTO VALIDADO ASSOCIAR CÓDIGO LIVRE

Paper delivered **Paper collected** **Schedule**

DISTRIBUI PAPEL RECOLHA DE PAPEL AGENDAR

Swap answer

TROCAR RESPOSTAS RECUSA RESPOSTA NÃO CONSEGUIDA

Denial of answer **didn't get the answer**

HISTÓRICO DE CÓDIGOS

Code history

action buttons adapt to the state of the response

vodafone P 15:30

Alojamento 00107001001
EXT.REC2.160217

RESULTADO DA RESPOSTA

CONCLUIU A RESPOSTA DO ALOJAMENTO?
Sim

ESTADO ECENSOS (CANAL)
Por iniciar

MORADA ALTERADA NO FEE?
Não

SITUAÇÃO ALOJ. FAMILIAR DIFERENTE NO FEE
Não

EDITAR ALOJAMENTO VALIDADO ASSOCIAR CÓDIGO LIVRE

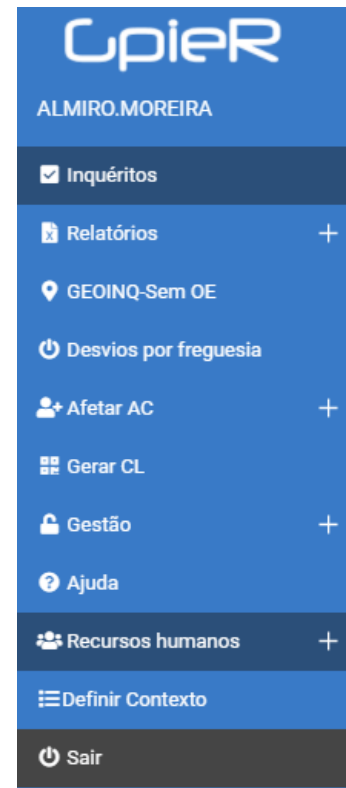
APOIAR RESPONDENTE DISTRIBUI PAPEL AGENDAR

TROCAR RESPOSTAS RECUSA RESPOSTA NÃO CONSEGUIDA

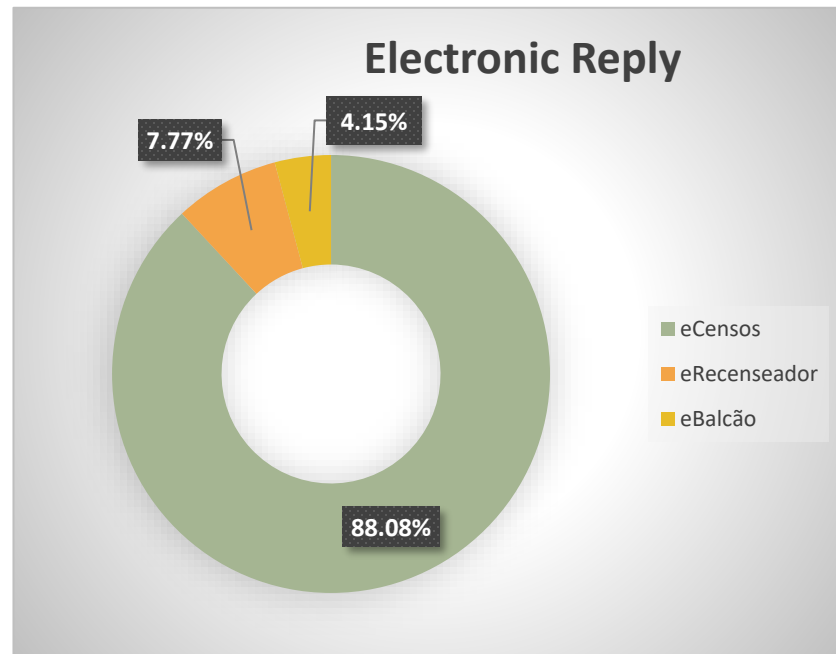
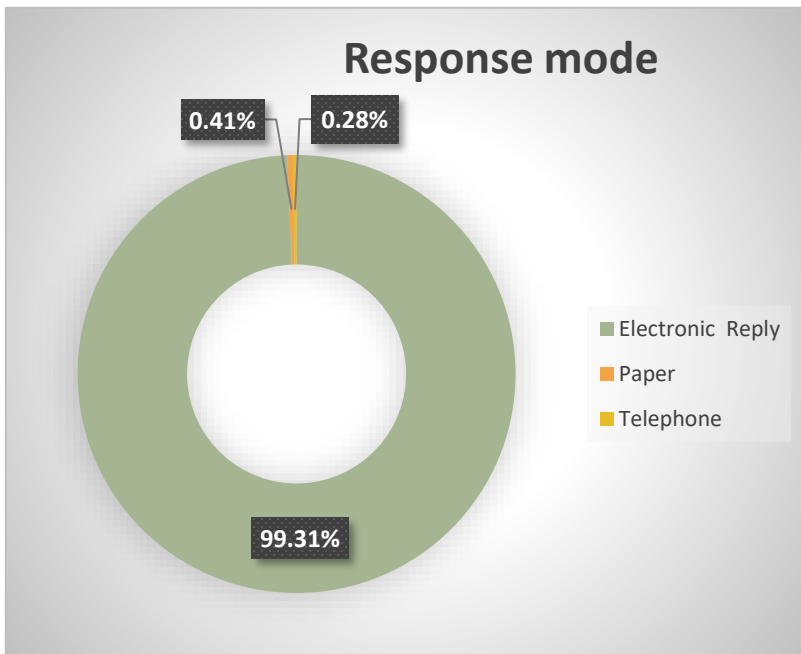
respondent support

Back Office – Web applications

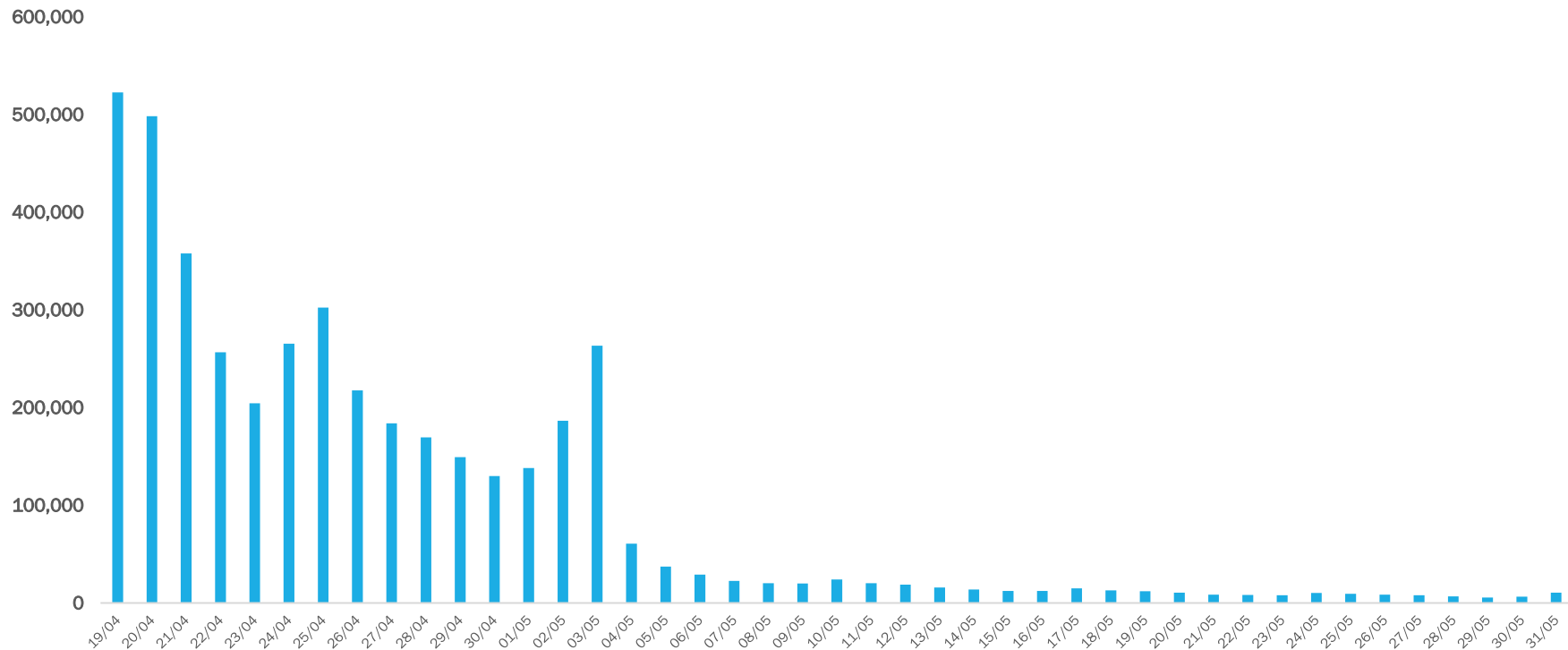
- status reports
- micro data analysis reports
- allocations of geographical areas of work
- recruitment and payment system
- access according to the staff profile



2021 Census – Response Mode



2021 Census – Responses by day





INSTITUTO NACIONAL DE ESTATÍSTICA
STATISTICS PORTUGAL

» 2021 CENSUS – Portuguese experience

Obrigado

Questions?

