

CSPro: A CAPI Data Capture Solution for the 2020 Round of Population and Housing Censuses

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This presentation is intended to inform interested parties of ongoing work at the U.S. Census Bureau. Any views expressed on statistical, methodological, technical, or operational issues are those of the presenter and not necessarily those of the U.S. Census Bureau.

What is CSPro?



- Census and Survey Processing System

- First release in 2000

- Product Suite



- Data Capture

- Enter and verify data, with sophisticated control over skips and consistency checks



- Batch Editing

- Apply logic to edit data to ensure consistency



- Tabulation

- Create tables from data

- Public Domain

CSPro – CAPI PHCs

- CSPro Android data capture solution
- Sequential mixed mode
 - Android tablets / phones
 - CSPro Desktop keyed data entry as fallback option
- Over a dozen countries committed to using CSPro Android for their 2020 PHC
- Over 300 million people will be counted using CSPro Android

Questionnaire

2018 Malawi Census Household Questionnaire

Back
to Population Details

JAMES SMITH

P06. Place of birth
102 - Karonga

P07. Nationality
454 - Malawi

P09. Religion
6 - Other

P11. Previous residence
0 - Not moved

P11a. Previous residence
(outside Malawi)

P12. Length of current
residence

P13a1. Difficulty seeing
2 - Yes

P13a2. Difficulty seeing
glasses
1 - No - no difficulty

P13a3. Cause of difficulty
seeing

P13b1. Difficulty hearing
1 - No

P13b2. Difficulty hearing aid

P13b3. Cause of difficulty
hearing

P13c1. Difficulty walking
1 - No - no difficulty

P13c2. Cause of difficulty
walking

P13d1. Difficulty speaking
1 - No - no difficulty

P13d2. Cause of difficulty
speaking

P09. Religion

What is JAMES SMITH's religion?

If child's religion is not known and husband and his wife belong to different religions then assign the religion of the mother to the child.

Christian

Muslim

Buddhism

Hinduism

Traditional

Other

No religion

CNHS 2014

9:45

3. 2013年你家是否偷了一些鱼自己吃?

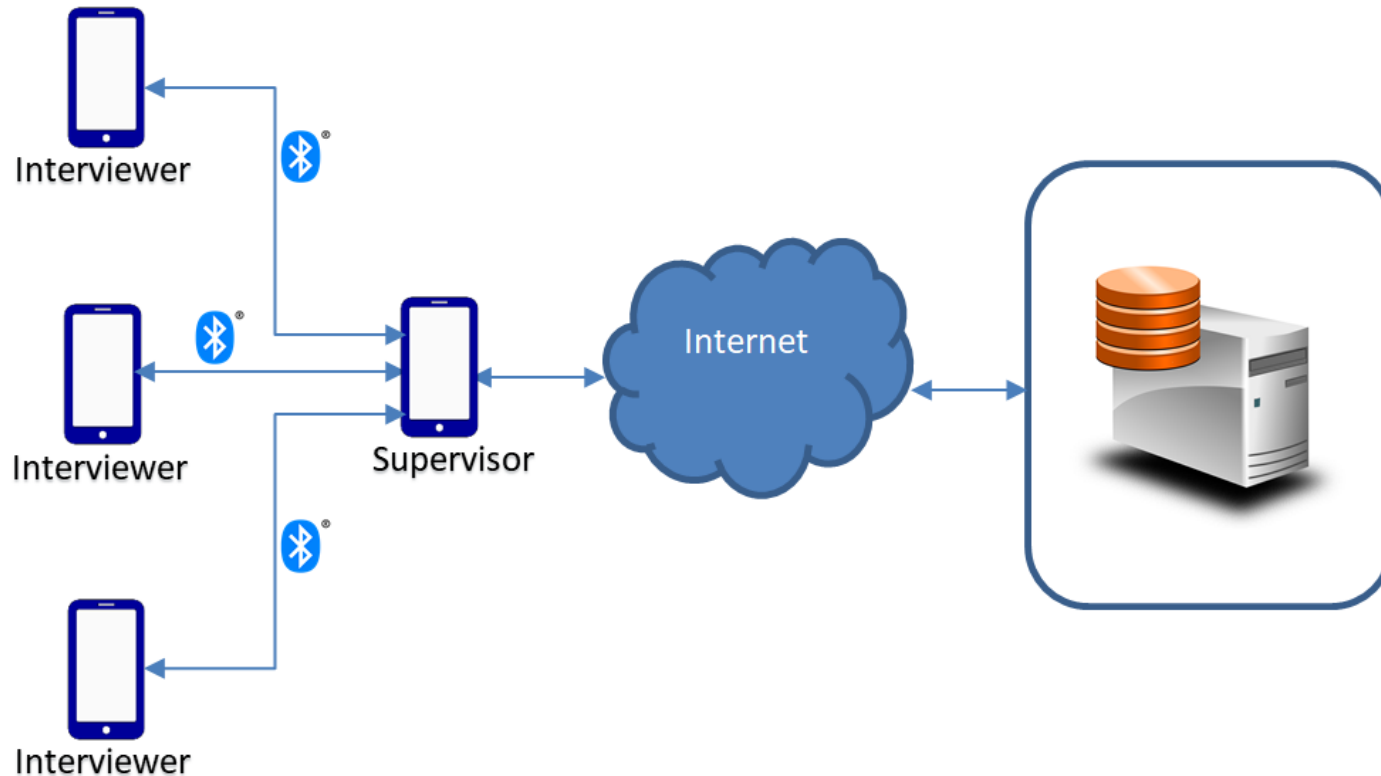
指 2013 年家庭消耗自家生产的渔业产品。吃自产的鱼及其产品可以免于购买，因此如果消费了自养的鱼也应该看作是 2013 年家庭渔业收入的一部分。

否

是

不知道

Workflow and Data Transfer



Synchronization between interviewers, supervisor and central server over the internet

Upcoming PHCs

Malawi

- 2018 PHC
- 20M population
- 30,000 Android tablets
- Power banks with solar charger
- Data transfer solution – CSWeb

Ethiopia

- 2018 PHC
- > 100M population
- 180,000 Android tablets
- Data transfer solution – CSWeb



Useful Links

- Official CPro website
 - <https://www.census.gov/data/software/cspro.Overview.html>
- Training
 - <https://www.census.gov/programs-surveys/international-programs/events/workshops.html>
- CPro E-Learning Videos
 - <https://www.census.gov/data/software/cspro.Videos.html>
- CPro Users
 - <http://www.csprousers.org>

Thank you

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