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
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 CSPro website

- Training
  - https://www.census.gov/programs-surveys/international-programs/events/workshops.html

- CSPro E-Learning Videos

- CSPro Users
  - http://www.csprouser.org
Thank you

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