Statistics Netherlands:
Blaise 5 CAWI channel

October 24, 2018
Rogier Hellenbrand
Content

- Introduction Phoenix program
- Importance Blaise 5 within Phoenix
- Overview CAWI channel
- Newly incorporated Blaise features
- Challenges
- Evaluation
Aim of CAWI channel within Phoenix

– Legacy systems: EOL

– New CAWI channel:
  - Fully web based
  - Storage in database (SQL)
  - Generic for all types of surveys (social and economical)
  - Message based communications with other domains
  - Blaise 5 questionnaires
Timeline Blaise 5 / Phoenix at CBS

- PS-online 2014/15
  - 80,000 respondents
  - Generated Blaise 5 surveys (12 survey templates, 250 routings)
- Phoenix past: 1st stage completed August 2016
- Phoenix present:
  - 30 of 125 surveys migrated to Blaise 5 surveys
  - 600K+ records per year, response rate around 20% - 40% (social surveys)
  - Only 4 surveys need CAWI functionality which is not yet fully developed

- Phoenix future:
  - Base for other modes
    - Telephone
    - Face to face
    - Paper input (diminishing)
  - Easier way to generate surveys
  - Completion target: 2020
Functional overview of Phoenix
Functional overview CAWI channel

Blaise Package
- Survey Design
- Deployment

Case Management
- Channel Assignments
- Status Updates & Data

CAWI Channel
- Login server: Login & Landing Page
- Blaise 5 server farm:
  - Survey templates
  - Questionnaire Instances

User input: Data
Newly incorporated Blaise features

- Events: used to pass on response
- Changing questionnaire template in production (demo)
Challenges

- Backwards compatibility web layout after upgrade
- Load testing on virtual machines
- Performance pageturns in Microsoft browsers
Evaluation

- Receiving of questionnaire instances (channel assignments) event driven: √
- Distributing response event driven: √
- Deployment of survey templates based on interface from survey design domain: √
- Performance on CBS infrastructure: ✗
  (Browser dependant!!)
- Stability: √
- Backwards compatibility: √
Questions?

Thank you for your attention!