

An innovative approach to the 2016 Tokelau Census

Presentation outline

- Tokelau
- Approach to the 2016 Tokelau Census of Population and Dwellings
 - Content changes
 - Data need
 - Questionnaire development
 - Results
 - Survey Solutions CAPI software
 - Why the move from paper?
 - Technology in the Tokelau Census
- Summary

Tokelau



- 500 km north of Samoa
 - at least a 24 hour boat ride from Samoa
- Three coral atolls;
 - Fakaofu, Nukunonu and Atafu
- Territory of New Zealand
 - receives about \$12 million in aid from New Zealand yearly
- Few natural resources due to poor soil quality and small land area
 - total land area of about 10km²
- About 7,000 Tokelauans live in New Zealand (2013 New Zealand Census)
 - compared to 1,499 (2016 Tokelau Census)

Tokelau Census

- Interviewer administered in Tokelauan and/or English
- Census records everyone in Tokelau and some absentees
- Household questionnaire and individual questionnaires

- Stats NZ contracted by the Tokelauan Government to run the census
- Three Stats NZ staff travelled to Tokelau for census day, with more subject matter area experts being involved in planning, development and outputs.

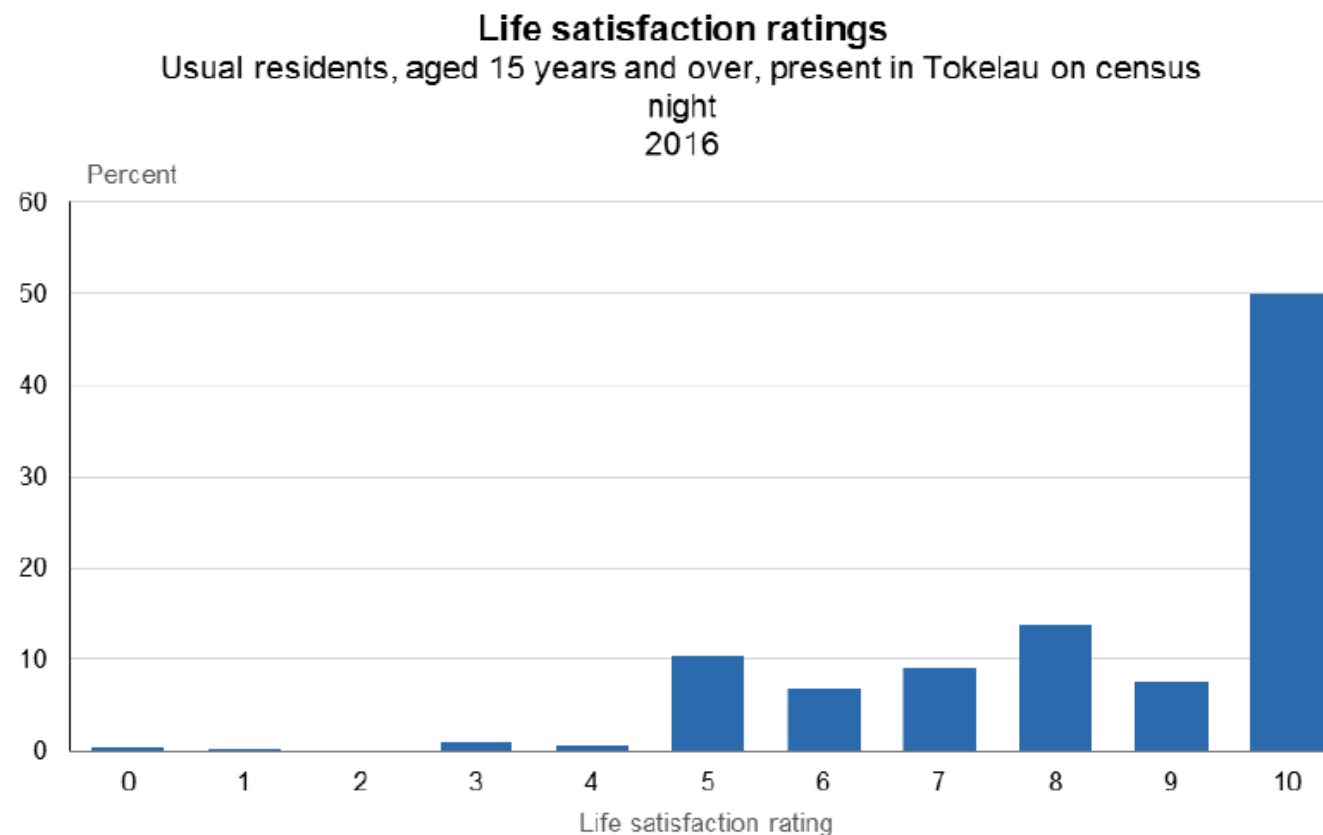
Content of the 2016 Tokelau Census

- Consultation in Tokelau and Apia
- General desire for aspects of life satisfaction, social connectedness, personal security, self assessed health and income adequacy
- Tested through an assessment of content needs, expert review and cognitive testing/focus groups

Proposed content – life satisfaction

- Where zero is completely dissatisfied, and ten is completely satisfied, how do you feel about your life as a whole?

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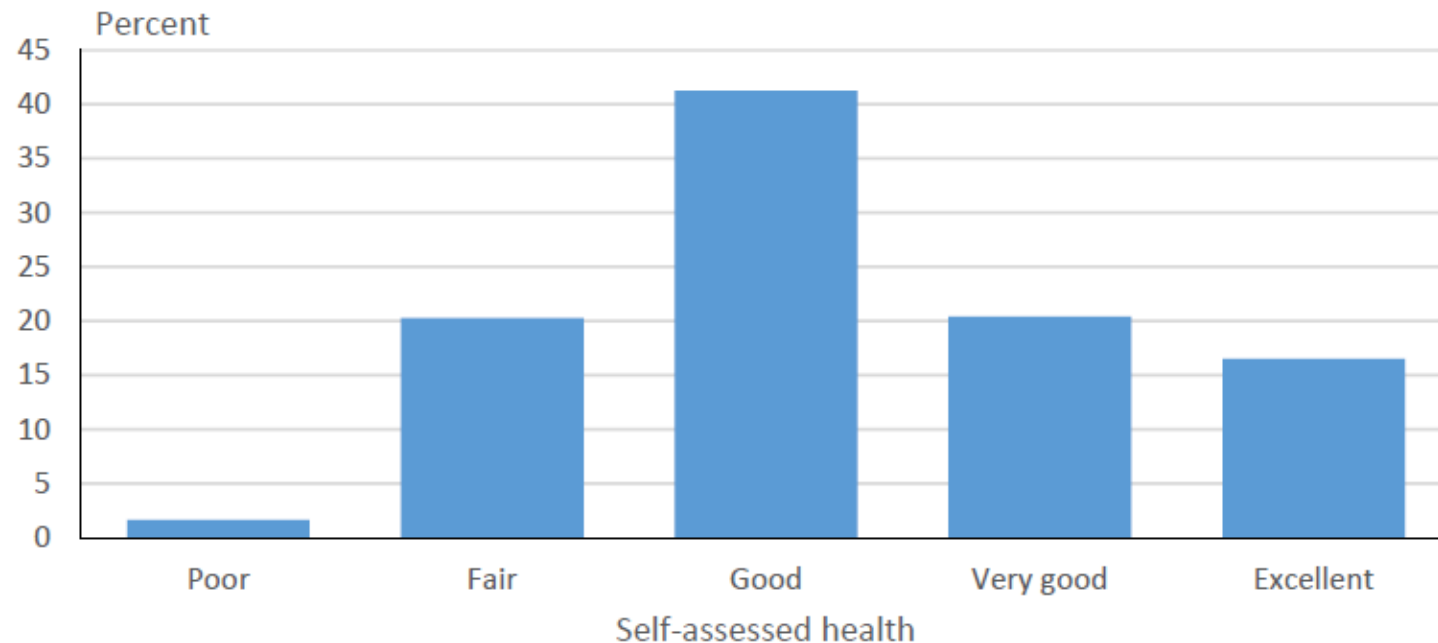
Source: 2016 Tokelau Census of Population and Dwellings

Proposed content – self-assessed health

- In general, would you say your health is excellent, very good, good, fair or poor?

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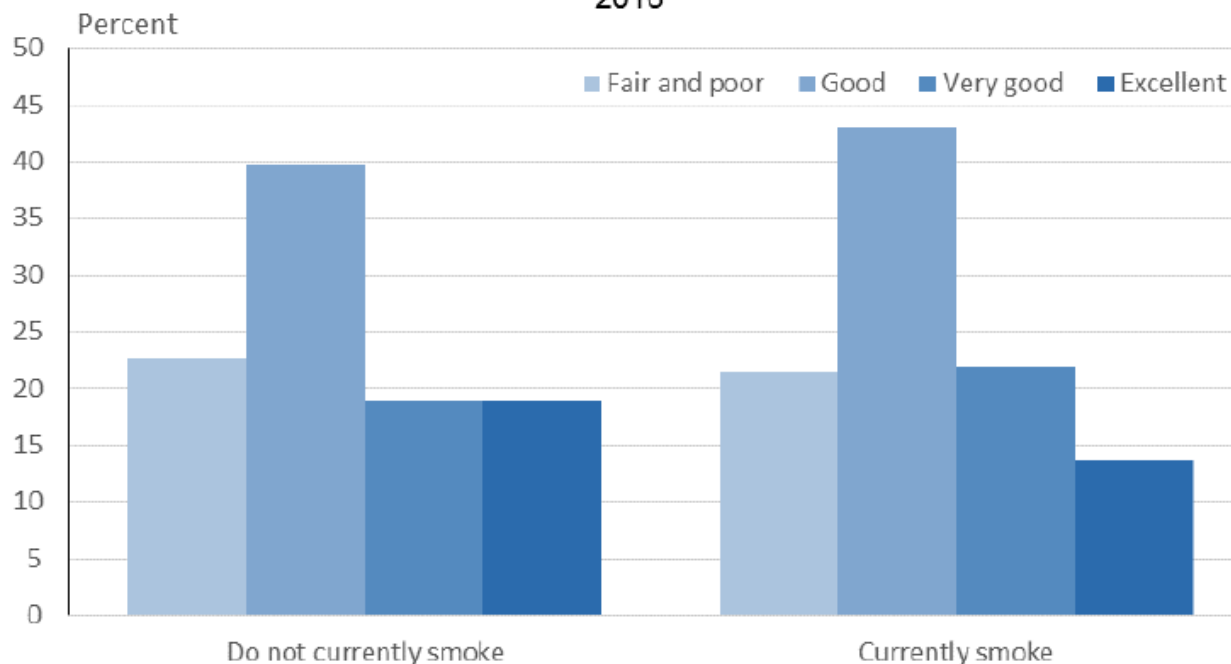
Tokelauans' self-assessment of their health
Usual residents (15 years and over), present on census night
2016



Source: 2016 Tokelau Census of Population and Dwellings

In general, would you say your health is excellent, very good, good, fair or poor?

Self-assessed health ratings for smokers and non-smokers
Usual residents (15 years and over), present on census night
2016



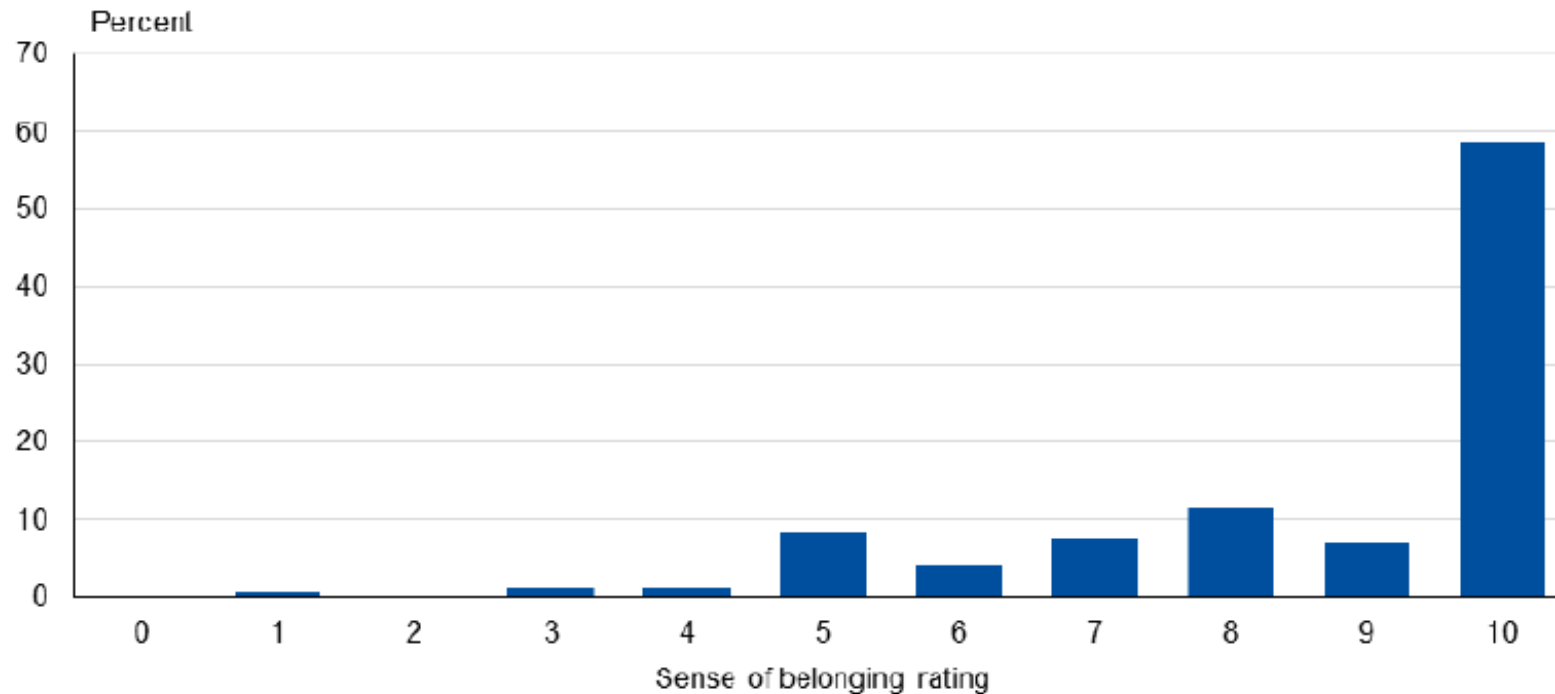
Source: 2016 Tokelau Census of Population and Dwellings

Proposed content – social connectedness

- People who have contact with family and friends can still feel lonely sometimes, while those who have little contact may not feel lonely at all. In the last four weeks, how much of the time have you felt lonely?
 - None of the time, a little of the time, some of the time, most of the time, all of the time
- On a scale of zero to ten, where zero is no sense of belonging, and ten is a strong sense of belonging, how would you rate your sense of belonging to your community?

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Sense of belonging ratings
Usual residents, 15 years and over, present in Tokelau on census night 2016

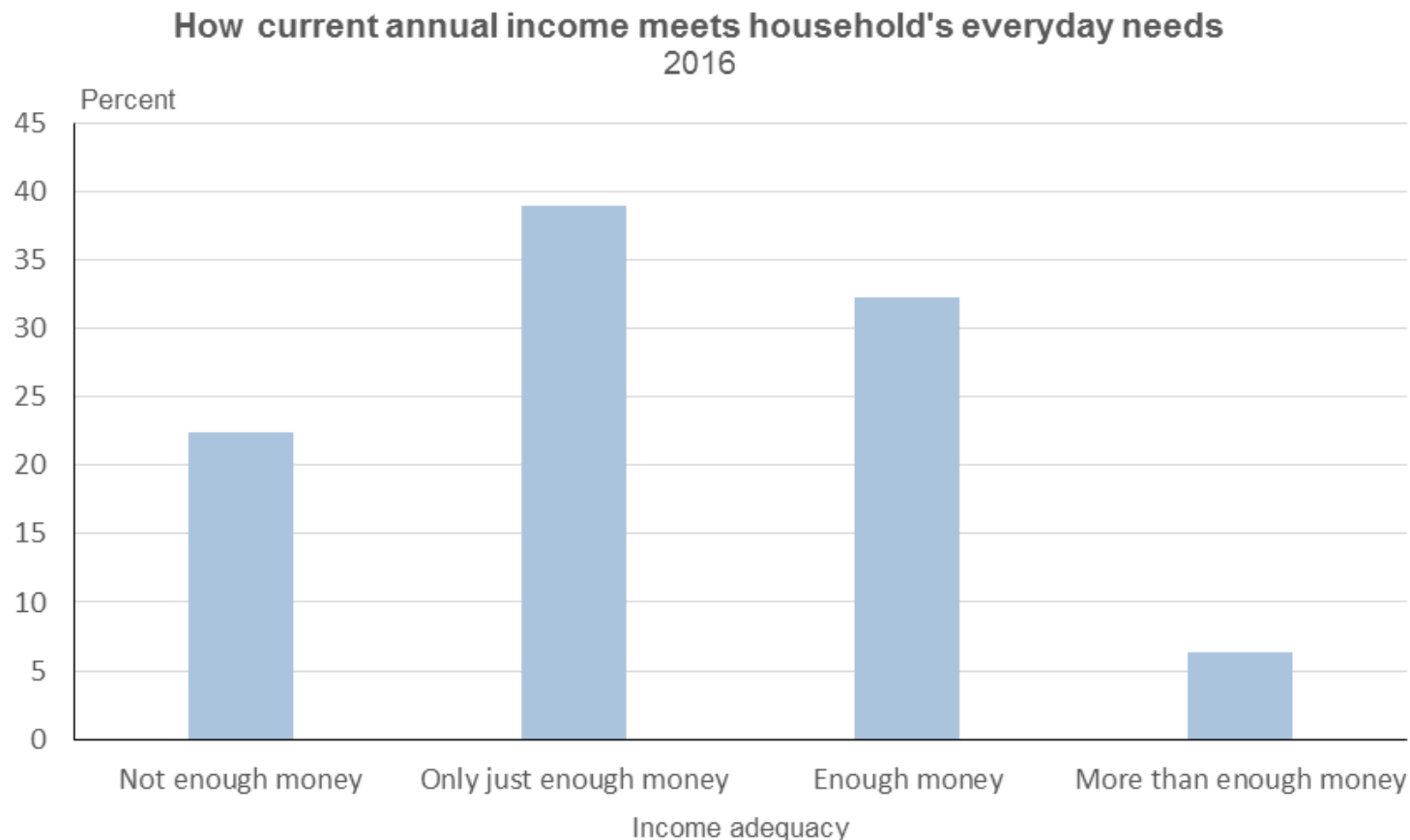


Source: 2016 Tokelau Census of Population and Dwellings

Proposed content – income adequacy

- How well does your household income meet the household's everyday needs for things such as accommodation, food, clothing and other necessities?

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Proposed content – personal security

- Personal security (emergency preparedness, security on boat trips, climate change)

CAPI – Survey Solutions

- Why the move from paper?
 - Risk
 - Processing

Survey Solutions

- World Bank developed and supported

 **Survey Solutions CAPI**
June 6 · 🌐

5 million interviews collected with Survey Solutions.

Today our project reached an important milestone of more than 5 millions interviews collected using [Survey Solutions CAPI](#). Our system is used by governments, NGOs, universities, think tanks and private firms in 500+ CAPI/CAWI surveys in 94 countries.



Source: Survey Solutions Facebook page

Survey Solutions

- Out of the box design interface with only minimal programming required
- Tablet based



Two interviewers ready for Census day on Fakaofu.
PC: Michael Berry

How it works in the field



Source: SCP

- Several stages of approval
- Submitted to the server once interviewer uploads, accessible after final approval

How the Tokelau Census went

- 100% coverage – UR count of 1,499
 - Population count within about a week of census day
- Quality of life questions well-received
- No major issues with technology
- Some challenges with boat schedule
 - Impacted on training
- Timely outputs
- Interest in data in Tokelau

Questions?

