

Pacific Multiple Indicator Cluster Survey Programme

A presentation to Pacific Statistics
Methods Board

October 2019

Noumea, New Caledonia

Presentation Outline

- Background
- Partner roles
- Surveys in progress
- Technical support provision
- Lessons learnt and challenges

Background

- Discussed at **HOPS in 2017**, collaboration between SPC, UNFPA, and UNICEF
- Pacific Sustainable Development Survey design workshop in **March 2018** starting adaptation of MICS in Pacific context
- PSMB presentation and consideration in **May 2018**
- First survey planning accelerates in **June 2018** - Kiribati



Partner roles



- ✓ Technical lead to all stages of the MICS survey from planning to dissemination and secondary analysis
- ✓ Provide standard tools for customization to country context
- ✓ Training and coaching of NSO staff at different stages as necessary
- ✓ Compliments NSO capacity as needed



- ✓ Lead in household listing and mapping
- ✓ Co-lead on sampling



- ✓ Subject matter lead on reproductive health and domestic violence (DV)
- ✓ Technical lead in role of DV (Planning, implementation, and support drafting of relevant chapters/sections in report and snapshots)

MICS Technical Assistance: TEAM

FOR EACH SURVEY OR GROUPS OF SURVEYS, A MICS TEAM IS DEFINED AT THE BEGINNING OF THE SURVEY PROCESS

Country level	Implementing agency, government + UNICEF Country Office team, SPC and UNFPA with development partners + Additional member throughout the survey process: UNICEF MICS Consultant to coordinate, bridge, ensure flow of information
Regional level	Regional M&E Team, including the Regional MICS Coordinator + Experts in Survey Design/Household Survey Methodology, Sampling
HQ level	UNICEF New York MICS Team + Survey experts + Focal points for each topic+ Data Processing

Surveys Status

- **Kiribati Sustainable Development Indicator Survey (KSDIS)**
2018/2019: Awaiting finalisation of final report
- **Samoa DHS-MICS 2019:** field data collection - October 2019
- **Tonga MICS 2019:** field data collection – October 2019
- **Tuvalu MICS 2019/20:** main training
- **Nauru MICS 2019/20:** planning- questionnaire review & listing
- **FSM National Social Indicator Survey (NSIS) 2019/20:** planning-questionnaire design & resource mobilisation

Survey planning & stakeholder engagement

- Kiribati- RMNCAH stakeholder engagement platform
- Tonga, Samoa and FSM- 1 day National stakeholder consultation workshop
- Tuvalu and Nauru- one on one stakeholder consultations

Challenge

- Limited history of engagement between NSO and sector ministries, departments and other data users in surveys

MICS Technical Support System

Stage	Country experiences	Workshops	Number of in-country support missions
Survey design	5 countries	Nadi, Istanbul	2 missions average 5 days
Pretesting	5 countries	-	1 mission average 15-20 days
Data processing	5 countries	Nadi	1 mission average 10 days
Main training	5 countries	Nadi –water quality	4 missions – Household survey experts, anthropometry, water quality, domestic violence over the 30 days of training
Field data collection	1 Country – Kiribati	-	3 missions – household survey experts, anthropometry, water quality average 10 days
Data interpretation & report compilation (DIRC)	Kiribati	Tarawa	2 missions – MICS team + subject matter specialist –UNICEF, UNFPA, SPC

Lesson learnt: Varying capacities requiring flexibility in providing remote and in-country support

Governance and Human Resources

- **Kiribati, Tonga and FSM** – active steering and/ technical committees
- **Samoa**- mainly considered as a health survey
- NSO survey management team

Challenge

- Stakeholder engagement and management had hiccups along the way

Sampling

- Iterative process to sample development will ensure optimal samples are developed

Country	Frame year	Domains	Raw sample	FPC correction	Final sample
Kiribati	2018	7	4,257	3,309	3,280
Tonga	2016 selected clusters updated 2019	6	4,258	2,790	2,780
Samoa	2016	6	Based on 10% of household count, 83% response rate		3,567
Tuvalu	2017	2	2,074	888	880
Nauru	2019 update	1	741	511	510

Risk

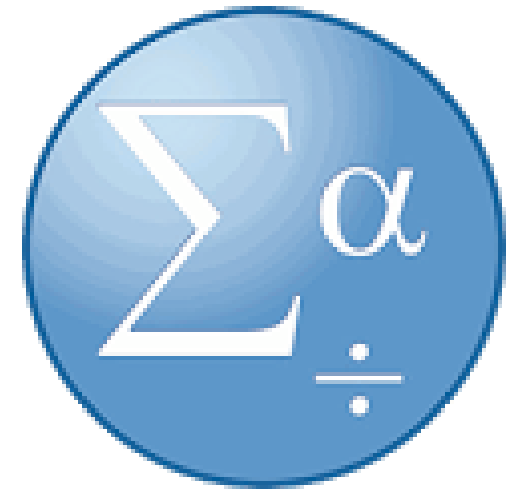
- Potential impact of old sampling frames being assessed: MICS does not replace selected households

Data Collection – Kiribati, Samoa, Tonga

- Use of field check tables relatively new for Pacific surveys. Tool is so far appreciated for quality assurance.
- Timing of actual data collection critical to minimize breaks during data collection
- Field logistics – travel to outer islands contributes significantly to the overall budget

Processing the Data

- Data collection in CSpro- prior knowledge useful and countries taking charge in developing systems
- SPSS license provided as part of TA suite
- Limited prior experience of SPSS a challenge – SPSS training being considered

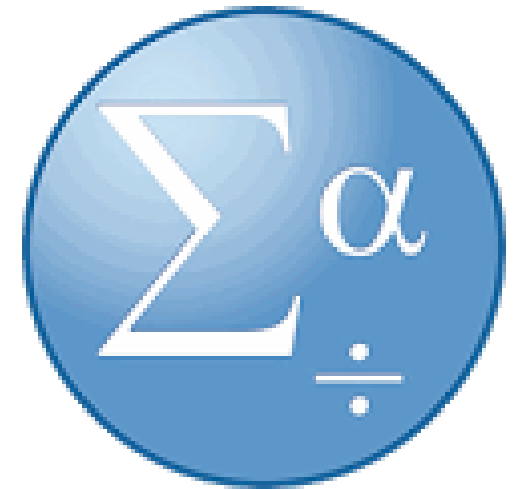


Analysis - Kiribati

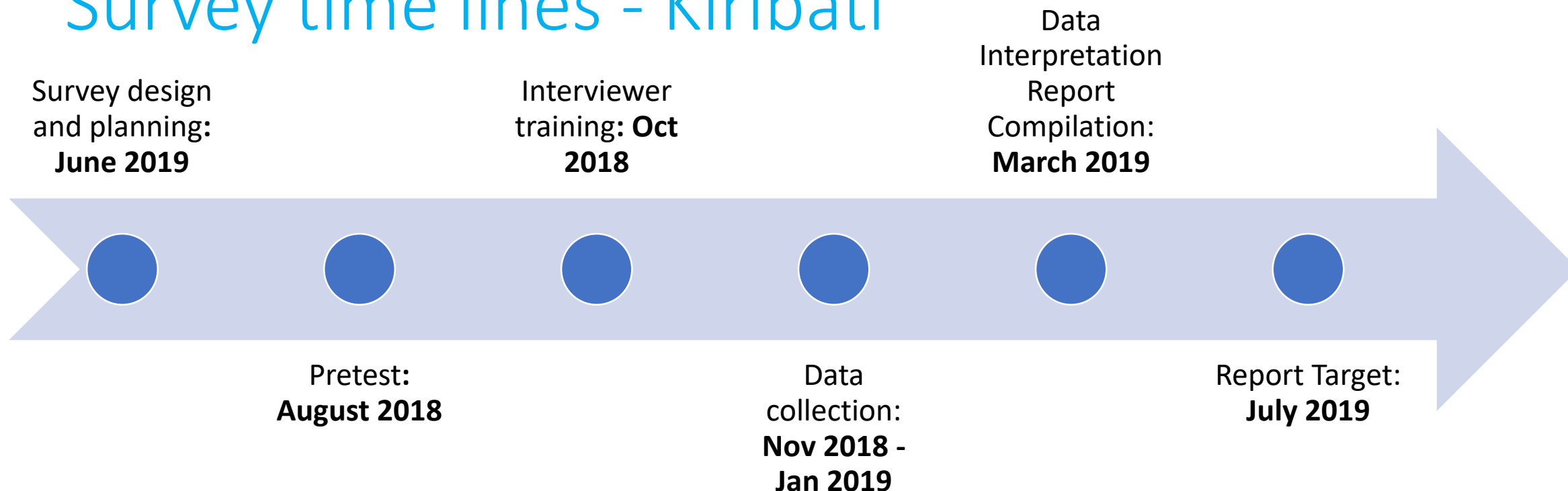
- Limited staffing hampers concurrent development of tabulation plan during data collection
- Development of tabulation plan ideally is part of survey design
- DIRC workshop useful to foster stakeholder engagement and ownership

Lesson learnt

- Ensure tabulation plan is part of stakeholder consultation



Survey time lines - Kiribati



- Missed MICS target date for dissemination of survey findings: within 6 months after data collection
 - ✓ Request of new tables after DIRC workshop – areas with no tabulation plans delaying overall report finalisation
 - ✓ Unavailability of NSO due to other commitments to lead the work
 - ✓ Learning curve among partners



Pacific
Community
Communauté
du Pacifique



Thank You



Back pocket slides

MICS Technical Collaboration Framework: Steps

- Built around **24 steps** that every survey goes through
 - From Data Needs Assessment to Dissemination
- Most involve a **review mechanism** (time-bound, some multiple)
- **Feedback until agreement** reached
- Regional Offices clear reviews until final review by HQ
- All steps critical to survey

Step 1: Data Assessment

Discussions / Analysis in country to determine if a MICS is required based on existing data gaps and needs of disaggregated / equity-sensitive data



Discussions between UNICEF Country Office (CO), Regional Office (RO), and Headquarters (HQ)



Decision in the country made on whether to conduct MICS and scope of the survey



Draft Memorandum of Understanding (MoU) produced

Step 2: Survey Design Workshop

The survey team including **survey managers** from the country participate in the MICS Survey Design Workshop together with survey teams from other countries



Discussions are held with the Global MICS Team and regional office consultants (sample, survey content, timing, etc.) during the workshop

Step 3: Survey Plan and Budget

Using MICS templates, the Country Survey Plan and Budget (drafted at the workshop) and the MoU finalised by the implementing partner in consultation with UNICEF Country Office



Shared with UNICEF Regional Office for review



Global MICS Team Consolidated feedback provided
(within 7 days)



Survey Plan and Budget and MoU finalised



Step 4: Human Resources

Identification and
recruitment of survey
personnel:

- 1) **Survey Coordinator**
(from implementing
partner)
- 2) **National MICS
consultant** in-country



Support from UNICEF
Regional Office

(Template ToR,
potential candidates,
support to selection)

Step 5: Survey Committees

Steering and
Technical
Committees
established at
the country
level



Template ToRs
developed by
HQ and
provided by
Regional Office

Step 6: Questionnaire Design

Draft questionnaires based on standard MICS Questionnaires customised at country level



Review by RO, feedback provided (within 2 weeks)



Final draft of questionnaires produced



Consolidated review by Global MICS team
(within 2 weeks)



Questionnaires are finalised for translation



Step 7: Translation

Questionnaires and Instructions for Fieldwork Staff
translated into local language(s)



Back translation organised at country level.



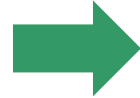
Back translation is reviewed by RO



Questionnaires are finalised for pretest

Step 8: Sampling

RO mobilises a regional sampling expert to provide technical assistance



Design of sample in country
Preparation of the sample weights calculation template



Country sends sample design and sample weight calculation template to RO for review (**within 2 weeks**)



Final review by Global MICS team (**within 2 weeks**)



Selection of sample





Step 9: Supplies

Based on the content of the questionnaires and size of sample, quantity of supplies is determined at the country level



Consultation with RO for advice on procurement of recommended supplies.



Supplies ordered by CO

Step 10: Listing

Based on the sample selection and according to the listing manual, the implementing agency conducts household listing and selection in sampled clusters



Regional Sampling Expert Consultant reviews household selection, listing training agenda, listing forms

Regional Data Processing Expert reviews data collection application

Step 11: Pre-test of Questionnaires

Conducted after
appropriate
training in the
country



Regional
Household Survey
expert support

Pre-test report is
produced in the
country



Consolidated
review by MICS
team (1 week)

Step 12: Finalising the Questionnaire

Questionnaires finalised



Consolidated review by Global MICS team (1 week)



Final questionnaires produced in country

Step 13: Data Processing Programmes

DP staff attend

MICS Data Processing Workshop

(customization, editing,
tabulation programs)



RO mobilises a regional data processing expert to provide technical assistance during workshop and in country

Data collection application customised
in country and sent to RO for review (2 weeks)

Step 14: Testing of Data Collection Application

Conducted after
appropriate
training in the
country



Regional Data
Processing expert
support

Consolidated review by Global MICS team
(within 2 weeks)



Data collection application finalised

Step 15: Fieldwork Training and Pilot Study

3-5 weeks field staff
training conducted
in the country
followed by **field
practice** and **pilot
study**



UNICEF RO/HQ
review training
agenda

Regional Household
Survey supports
training

Step 16: Field Work / Data Collection

Data Collection

(Secondary editing happens simultaneously)



Regional Household Survey /
Data Processing experts

+

Regional MICS Coordinator
support and monitor field work
(early stages)

Field Check Tables produced in
country and shared with RO
(every week)



Step 17: Creating Analysis Files

Data editing and cleaning

Sampling weights finalised/appended to SPSS analysis files



CSPRO files, SPSS syntaxes and datasets shared with RO for review and feedback (2 weeks)



Consolidated review by Global MICS team (within 2 weeks)



Final data sets produced ready for tabulation

RO mobilises regional data processing expert to provide technical assistance in country



Step 18: Data Analysis & Tabulation

Data analysis / set of tables produced



Tabulations shared with RO for comparative review (2 weeks)



Country adapts tabulations and share for consolidated review by MICS Team (2 weeks)



**Final tabulations produced for
Survey Findings Report**



RO mobilises regional household survey expert to provide technical assistance in country as needed

Step 19: Survey Findings Report

RO mobilises regional household survey expert to provide support in country as needed

Draft survey findings report produced in country



Draft shared with RO for consolidated review and feedback by Global MICS team (within 2 weeks)



**Survey Findings Report finalised
and shared with RO for Global Dissemination at
mics.unicef.org**



Step 20: Fourth Workshop

Country survey teams participate in
MICS Data Dissemination and Further Analysis Workshop to
review findings with global and regional experts



A draft dissemination and further analysis plan is developed
during the workshop

Step 21: Printing (optional)

Print ready version sent to RO
for final feedback (within 7 days)



Report Printed
(Hard copies sent to RO and HQ)



pdf version shared with RO for Global dissemination at
mics.unicef.org

Step 22: Data Sharing

With support from RO/HQ, anonymisation of datasets



A set of standard variables are added to datasets along with any necessary notes on using the data and contact information of the implementing agency.



Datasets are uploaded to mics.unicef.org

Step 23: Completion of Archiving

MICS Survey Archive completed and data documented

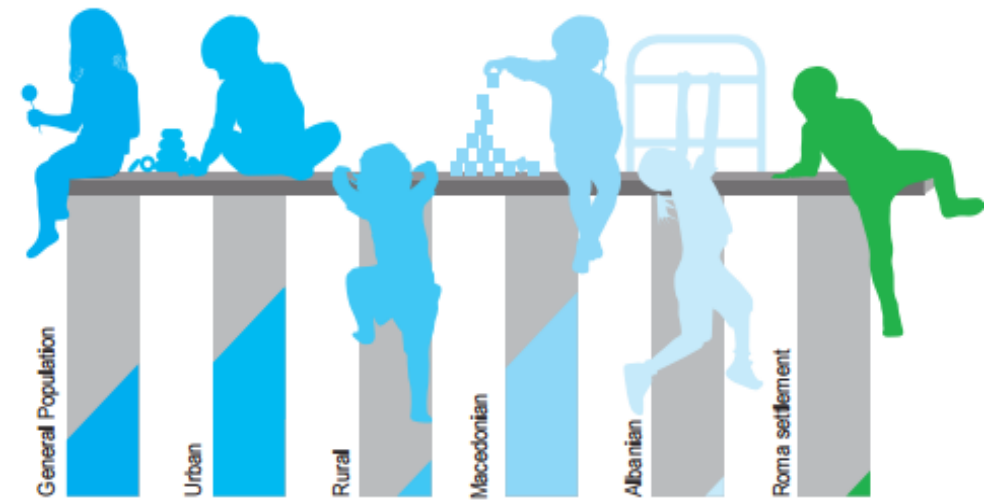


Archives shared with RO for review. Consolidated feedback by Global MICS team provided (within 2 weeks)



Archive finalised and uploaded to mics.unicef.org

RO/HQ
coordinate with
IHSN to
mobilise
consultant to
provide support
in country as
needed



Step 24: Dissemination

MICS dissemination
activities with
assistance from
UNICEF
communication
personnel



MICS Dissemination
templates made
available by Global
MICS Team

Support provided
from RO and HQ as
needed