



**POPULATION
COUNCIL**

Ideas. Evidence. Impact.



MINISTRY OF HEALTH

ADAPTING SURVEY STRATEGIES TO ASSESS COVID-19 KNOWLEDGE, ATTITUDES, PRACTICES & NEEDS IN FOUR COUNTIES IN KENYA

Karen Austrian, PhD, MPH

Eva Muluve

Population Council, Kenya

February 3, 2020

Overview of Data Collection

County	Location	Adult Sample	Adolescent Sample	Date	Underlying Cohort
Nairobi	Kibera Huruma Dandora Kariobangi Mathare	n=2009 1260 women 759 men	n=1022 859 girls 163 boys	March 2020 April 2020 May 2020 June 2020	AGI-K NISITU
Wajir	Rural; Wajir East, Wajir West and Wajir South	n=1322 898 women 424 men	n=1234 754 girls 480 boys	July 2020	AGI-K
Kilifi	Ganze, Kaloleni and Magarini Sub-Counties	n=1288 782 women 506 men	n=1063 774 girls 289 boys	August 2020	Nia
Kisumu	Nyalenda Kolwa East	n=858 721 women 137 men	n=602 428 girls 174 boys	August 2020	DREAMS

Main Adaptations to Data Collection

1

In person interviewing → phone-based interviewing

2

In person training of research assistants (RAs) → online training of RAs

3

In person supervision of RAs → remote supervision of RAs/data quality

Challenges & Solutions:

- Phone based interviewing
 - Shorten tool
 - Simplify questions/response options
 - New strategies to build rapport
 - Confirmation of privacy
 - Managing respondents expectations during pandemic → increased need to show empathy
- Online training of research assistants (RAs)
 - Shorten training time
 - Make more participatory with time
 - More use of breakout sessions

Challenges & Solutions – cont'd

- Remote supervision of RAs
 - What's app groups for communication
 - Ask RAs to submit data several times a day
 - Run QA several times a day and immediate follow up with low performing RAs

What changes will we retain?

- Use of online training for some components
 - In certain settings may not be feasible – e.g. Wajir
- Sharing materials online with RAs
- Use of what's app groups for communication
- Phone-based interviews may be used when cohort is established with high access to mobile phones for particular types of data collection
 - E.g. – tried virtual qualitative data collection and were less successful → moved back to in-person when became feasible

Lessons Learned

1

Value of longitudinal datasets; value of tracking data

2

Importance of being flexible and quick to respond

3

Being pushed to do things differently may lead to longer term changes for the better

Team Members

- Abuya, Timothy
- Austrian, Karen
- Chebet, Faith
- Isaac, Adan
- Josiah, Margaret
- Kangwana, Beth
- Mbushi, Faith
- Muluve, Eva
- Mwanga, Daniel
- Ngo, Thoai D.
- Nzioki, Mercy
- Ochako, Rhouné
- Ombeva, Joyce
- Orenge, Edwick
- Pinchoff, Jessie
- Tidwell, Ben
- Tse, Christina
- Wanyungu, John
- White, Corinne



The Population Council
conducts research and
delivers solutions that
improve lives around
the world. **Big ideas
supported by evidence:
It's our model for
global change.**

