CanWaCH CRITICAL DIALOGUES

REUSE AND RECYCLE: PRACTICAL GUIDANCE ON MAXIMIZING EXISTING DATA

Tuesday, March 2nd, 2021 10:00-11:00 am EST CanWaCH

Canadian Partnership for Women and Children's Health



CanSFE

Partenariat canadien pour la santé des femmes et des enfants

Reuse and Recycle: Practical Guidance on Maximizing Existing Data

Critical Dialogue as part of the Canadian Collaborative for Global Health

Peter R. Berti – HealthBridge Foundation of Canada
Milena Nardocci – TRANSNUT, Université de Montréal
Ties Boerma – Countdown to 2030



Presentations

Maximizing use of existing data

Peter R. Berti – HealthBridge Foundation of Canada Milena Nardocci – TRANSNUT, Université de Montréal

Difference between estimates by subgroup of indicators from the NGO vs DHS/MICS



Existing data

• Where and how to access?



https://dhsprogram.com



https://mics.unicef.org/

How to use the data

1. The DHS STATcompiler	2. Download the data
Online tool, point and click	Download cleaned data to conduct customized analyses
Data of many indicators from different countries and years Harmonized Point estimates By region By age group By wealth index	All data collected over the last 37 years from 92 countries is available Can conduct analyses to account for sampling methods Calculate SEs, Cls By any geo division By any age group By any independent variable
No special analysis skills necessary	Some advanced analytical skills needed

Where to find more information

- •Appendix of final reports
- Guide to DHS statistics
- •<u>The STATcompiler</u>
- •The DHS YouTube channel

Monitoring, learning and evaluation in the context of NGO projects

Context

- Difficult setting: remote / most disadvantaged population
- Limited data for the target populations or district(s) as a whole

• Short timeline: 3-5 years for the project

- Serious investment but if computed per capita often rather small
- Demand for results / accountability from donor (but less so from country government)

Implications

- Requires major investment to obtain reliable data on target population for key indicators, including learning component important for the project design and implementation
- Must be quick and efficient to implement local data collection
- Impact expectations must be proportionate to per capita investments
- Showing results requires major investments to obtain local data specific to the target population

What's best for projects: Local Survey or further analysis of existing survey data (DHS or MICS mostly)



Digging deeper in national survey data to identify adolescents left behind

How far can one get

Inequality dimensions

• Gender, wealth (quintiles), educational status, urban-rural, provincial or regional level, age

Topics

- Child marriage, early sex, adolescent pregnancy and childbearing
- Modern contraceptive use among adolescent girls
- HIV and sexual behaviour among adolescent girls and boys
- Intrapartner violence against adolescent girls
- Frequent PMA 2020 (bi)-annual surveys to detect rapid change

Forthcoming supplement BMC Reproductive Health (6 papers), May 2021 ASRH for all: are inequalities reducing?

Our conclusions: do more with national surveys, hesitant about local surveys

Possible with **national surveys** to obtain detailed and robust information on inequalities even though sampling errors are larger because of triple disaggregation (sex – age – socioeconomic)

Provincial / regional estimates are possible, but further disaggregation makes the estimates of ASRH indicators unstable

Local district surveys are unlikely to add much information that is different from what can be obtained from national surveys for provinces / regions

- Subnational variation in ASRH indicators cannot easily be captured with local district surveys
- Not likely to change local project / program priorities based on national surveys
- Not likely to document impact better than good program monitoring and in-depth qualitative research complemented by national survey data
- Resource needs are high: financial and technical from design to analysis to data archiving

Audience Dialogue

Learning Opportunities

Upcoming Dialogues:

- 1) March 11th: **365 Days of a Pandemic: Virtual Practice Implications for Canadian Partners**
- 2) March 17th: Understanding Gender Equality Through Mixed Methods



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Acknowledgements

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