Improving the Measurement of Sexual and Reproductive Health and Rights, Women's Empowerment and Gender Equality in Humanitarian Settings Lab

Status Update

May 2020

Partners:

SickKids Centre for Global Child Health
Canadian Red Cross

PROGRESS TO DATE:

- **Finished** a review of sexual and reproductive health and rights (SRHR) indicators from Global Frameworks and Common Surveys (see resources below) typically used in non-conflict settings humanitarian crises.

- **Completed** two scoping reviews in combination with peer-review and grey literature from websites of organizations working in humanitarian-contexts:
  - SRHR coverage and related morbidity and mortality.
  - Gender equality and women's empowerment.
  - Developed interactive Tableau visualizations of the scoping review results to be featured on the CanWaCH website

NEXT STEPS:

- Preparing scoping reviews for publication

- Finalizing Tableau visualizations and making them accessible on the CanWaCH website

- Creating a gap map (needs assessment) using scoping review results to inform the upcoming tool development phase.

- Convening partners to present evidence and determine the usability of the findings.

- Comparing indicators, data sources and methodologies used in humanitarian settings, to those found in global frameworks and household surveys.

INSIGHTS SHARED:

- **Adapting to project timelines and shifting activities:** After underestimating the time required to conduct scoping reviews, project timelines were adapted to maximize the most of parallel research activities to reduce time-lag between two project phases.

- **Reduction in time for abstract screening:** Machine learning and natural language processing has led to a substantial reduction in the time it takes to complete the abstract screening phase of scoping reviews. At first the team worked with Rayyan, an online abstract screening tool that uses machine learning to rank abstracts. Eventually the team created a better-performing abstract screening tool in Python. The team is further developing the Python abstract screening tool to increase its efficiency. The goal is to allow researchers to conduct new literature reviews or update past ones as efficiently as possible.

RESOURCES:

- Rayyan QCRI- Mourad Ouzzani, Hossam Hammady, Zbys Fedorowicz, and Ahmed Elmagarmid. Rayyan — a web and mobile app for systematic reviews. Systematic Reviews (2016) 5:210, DOI: 10.1186/s13643-016-0384-4.
- Canada's Feminist International Assistance Policy Indicators.
- Sustainable Development Goal Indicators.
- Standard DHS 7 Components with Gender-Specific or Sex-Disaggregated Indicators. Source: Guide to DHS Statistics DHS-7, 2018.
- Mapping of Household Surveys to Relevant SDGs. Original Source: Intersecretariat Working Group on Household Surveys, n.d.