Mapping, visualizing and analyzing data more effectively: a Canadian innovative, open-access platform for the development sector and links to IATI

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About CanWaCH

- The Canadian Partnership for Women and Children’s Health (CanWaCH) is a proud membership of more than 100 NGOs, academic institutions, health professional associations and individuals partnering to improve health outcomes for women and children in more than 1,000 communities worldwide.

- **Our mission**: CanWaCH unites the expertise and commitment of Canadian organizations and individuals to advance the health and rights of women, children and adolescents globally.

- **Metrics/Data team**: Focused efforts to enable Canadian actors and their partners to better collect, analyze, interpret, and utilize the impact of their work in global health and gender equality.
Poll Questions

1. What organization type do you represent?
   a. Civil society / NGO
   b. Foundation
   c. Academia / University
   d. Multilateral
   e. Government
   f. Other

2. What area of data interests you the most?
   a. Data outreach / collection
   b. Data analysis / use
   c. Data dissemination / communication
   d. All of the above
CanWaCH Project Explorer (ProX)

**Primary focus:** full spectrum of efforts in global health and gender equality with a link to Canadian funding (any sources) or Canadian actors
What data is captured in the ProX?

**Who**
- Civil Society Organizations (CSO), academic and research institutions, multilaterals, private and public sector

**What**
- Areas of Focus: all sectors of health and beyond
- Funding: budgets and source of funds whether federal, grants, or donations

**Where**
- Domestic and international

**How**
- 20 data fields
Why have ProX?

- **Accessible platform for learning**: to strengthen M&E processes, improve programming and decision-making.
  - Global Affairs Canada Project Browser for Government-funded projects: published by GAC (IATI).
  - ProX development funded by GAC, to capture a comprehensive Canadian picture: complement the GAC Project Browser, user-generated and real time updates.

- **Connecting Canadian and global organizations**: to enhance collaboration and local ownership.

- **Showcasing specific impact stories and case studies of global health and gender equality**: to foster a culture around transparency and collective accountability.
What value does the ProX offer?

Collaboration and partnerships
● Identify common or prospective funders and partners.
● Collaborate on common areas of interest.
● Create valuable partnerships through linkages to other data platforms.

Data use and communication
● Analysis of collective progress and gaps.
● Inform policies and advocate for increased investments.
● Public and youth engagement.
How is data collected for ProX?

Data sharing process
- ProX data entry portal - preferred!
- ProX template (Excel)
- Tutorial videos and one-on-one virtual intro sessions

Regular Data Drives
- General outreach and ‘Pieces’ data drives
- Member and non-member engagement
- Targeted outreach (e.g. specific government funding initiatives)

Online sources
- Organization websites and published material
- Seeking verification
Key ProX Features

- Open access
- 100% Bilingual (EN & FR) tool
- Search projects by filters and key words
- Individual project pages with key details, maps and results highlights
- Data visualization with aggregate analyses (downloadable format)
- CSV export files (open access full database vs back-end custom export)
- Unique project resources
ProX in Action

Publications
- Reports: aggregating data for understanding progress and gap areas
  - CanWaCH Global Health Impact Reports
  - 100 Days of a Pandemic Report
- CanWaCH Annual report: understanding our members work
- Country profiles/dashboards & customized maps: country working groups

Analysis of Canadian investments in priority areas
- Briefing notes/packages or special reports
  - Nutrition
  - Francophonie countries
  - SRHR Neglected Areas
    - Outputs analysis, SADD, indicators and more

Public & youth engagement
- Campaigns & social media (international days, member spotlights)
- Universities
Global Health Priority Issues

In terms of focus priorities in global health between 2010-2020, the overall top five by fund allocation were:

CanWaCH’s Project Explorer houses detailed project-level data on:

- **1105** global development and humanitarian initiatives
- **154 countries** where these initiatives were operational or launched between 2010-2020
- **$14,760,313,165** of combined funding value (in Canadian dollars)

**Canadian Projects Around the World**

Between 2010-2020, the following countries received the highest overall amount of funding from the reported projects:

**Top 10 Countries by Total Value of Reported Projects**

- **Tanzania**
  - $765,515,088

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1. Sample size (September 2020): 722 projects
Communities and Populations

1,970,456,760 people  CAD $4,899,362,964  93 Countries

While disaggregated population data is not always available for all projects during the last decade, a subset of Project Explorer projects with detailed population data reported reaching or planning to reach a combined total of 1,970,456,760 people of all ages and genders across 93 countries. The combined value of these initiatives was CAD $4,899,362,264 or approximately CAD $2.49/person.

Age and Gender Data

- 88.6% of projects included adult women (18+ years)
- 64.2% of projects included adolescent girls
- 50.0% of projects included girls over 5 years
- 21.8% of projects included senior adult women
- 59.3% of projects included adult men (18+ years)
- 47.2% of projects included adolescent boys
- 46.0% of projects included boys over 5 years
- 21.0% of projects included senior adult men
- 54.4% of projects included children of all genders under 5 years

Communities and Groups

- 69.5% of projects were implemented in rural settings
- 26.4% of projects were implemented in urban settings
- 18.3% of projects served internally displaced people
- 13.8% of projects served persons with disabilities
- 12.6% of projects served refugee communities
- 9.3% of projects served local minority groups
- 2.4% of projects served LGBTQ2I communities
- 2.4% of projects served Indigenous peoples
Measuring Results

CanWaCH collects information from reporting organizations on select SDG 3 and SDG 5 indicators they are using to track project progress. A subset of projects implemented by civil society organizations which reported measuring at least one SDG 3 or 5 indicator were analyzed:

- **91%**
  - of reported projects used at least one SDG 3 indicator

- **52%**
  - 3.1.2 Proportion of births attended by skilled health personnel

- **48%**
  - 3.1.1 Maternal Mortality Ratio

- **33%**
  - 3.2.2 Neonatal mortality rate

- **31%**
  - 3.2.1 Under-5 mortality rate

- **22%**
  - of reported projects used at least one SDG 5 indicator

- **11%**
  - 5.2.2 Proportion of women and girls aged 15 years and older subjected to sexual violence by persons other than an intimate partner in the previous 12 months, by age and place of occurrence

Sample size (September 2020): 84 projects
ProX Development Process

Consultations
● Members/sector colleagues, CanWaCH working groups and other networks
● Assessment of type of data to contribute in easy-to-understand language. Not meant to duplicate what GAC Browser collects (IATI) but to complement.
● Other data platforms (e.g. InterAction / NGO Aid map).

Feedback mechanisms
● User feedback incorporated in various iterations of the database.

Methodological notes
● Project Explorer and Analytics Portal.
● Standard Operating Practice for data entry, extraction and aggregation.
ProX & IATI

Common fields
- Core project data: to facilitate compatibility
- IATI identifier or IATI Organisation Identifier: to merge databases

Differences
- Terminology / categorization
- Regions
- 29 areas of focus
- Organization type categories
- Budget breakdown

ProX unique data fields
- Target population and community groups tags
- Population reach data: total direct and total indirect population numbers
- Disaggregated population data: number of people/sex/age range/direct or indirect/population group descriptor
- Participating organisations / partners
- Project resources (not otherwise available online)
<table>
<thead>
<tr>
<th>Organization Type</th>
<th>Country of Registration</th>
<th>Funding (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Organization Types</td>
<td>Total (Canada and Other Countries)</td>
<td>100.00%</td>
</tr>
<tr>
<td>NGOs</td>
<td>Total (Canada and Other Countries)</td>
<td>99.99%</td>
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<tr>
<td></td>
<td>Canada - NGOs</td>
<td>28.18%</td>
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<td></td>
<td>Other Countries - NGOs</td>
<td>0.01%</td>
</tr>
<tr>
<td>Academia and Research</td>
<td>Total (Canada and Other Countries)</td>
<td>4.11%</td>
</tr>
<tr>
<td></td>
<td>Canada - Academic and Research</td>
<td>4.11%</td>
</tr>
<tr>
<td>Private Sector</td>
<td>Total (Canada and Other Countries)</td>
<td>11.89%</td>
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<tr>
<td></td>
<td>Canada - Private Sector</td>
<td>7.06%</td>
</tr>
<tr>
<td></td>
<td>Other Countries - Private Sector</td>
<td>4.19%</td>
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<tr>
<td>Multilateral Organizations</td>
<td>Total (Canada and Other Countries)</td>
<td>53.49%</td>
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<td></td>
<td>Canada - Multilateral Organizations</td>
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<td>Other Countries - Multilateral Organizations</td>
<td>53.11%</td>
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<tr>
<td>Government and Public Sector</td>
<td>Total (Canada and Other Countries)</td>
<td>2.63%</td>
</tr>
<tr>
<td></td>
<td>Canada - Government and Public Sector</td>
<td>2.63%</td>
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</tbody>
</table>

Reporting Organizations - Summary

(Click on the "Reporting Organizations - Funding by Type" chart to view)

Haiti Reporting Organizations, All Years

All Organization Types
Total Number of Organizations: 58
Number of Projects: 112
Total Funding: $581,419,256
Population Type: Direct
Total Population Reach: 5,494,549

Number of Projects - Sample Size:
All Projects: 35
Population Reach - Direct: 15

Target Population by Gender & Age:
- Older Adult: 10
- Adult: 24
- Adolescent: 15
- Children: 30
- Children Under 5: 10
- Newborns: 15

Population Type:
- Rural: 5
- Urban: 0

Target Population Descriptors:
- Internally displaced people (IDPs)
- LGBTQI+ Communities
- Persons with disabilities
- Refugees
- Indigenous peoples
- Local minority groups
- Projects
Population Type: **Direct**
Total Population Reach: **154,137,240**

Number of Projects - Sample Size:
- All Projects: 236
- Population Reach - Direct: 162

Population Type: **Indirect**
Women / Girls: **11,107,417**

Number of Projects - Sample Size:
- Women / Girls - Total: 104
- Women / Girls - Indirect: 17
<table>
<thead>
<tr>
<th>Project List</th>
<th>Population Reach by Target Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Accelerating Efforts to Improve Maternal Health</td>
<td>Direct</td>
</tr>
<tr>
<td>2. Accelerating Nutrition Improvements in 500 districts</td>
<td>Direct</td>
</tr>
<tr>
<td>3. Accelerating Nutrition Improvements in 500 districts</td>
<td>Direct</td>
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<tr>
<td>4. Accelerating Progress on Child Survival</td>
<td>Direct</td>
</tr>
<tr>
<td>5. Accelerating the Reduction of Maternal and Child Mortality</td>
<td>Indirect</td>
</tr>
<tr>
<td>6. Access to Health Services for Women and Children</td>
<td>Indirect</td>
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<tr>
<td>7. Access to Quality Care through Extending Coverage</td>
<td>Indirect</td>
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<tr>
<td>8. Addressing Gaps in the Reduction of Stunting</td>
<td>Indirect</td>
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<tr>
<td>9. Addressing Gender and Gender Based Violence</td>
<td>Indirect</td>
</tr>
<tr>
<td>10. Advancing Quality Education and School Reforms</td>
<td>Indirect</td>
</tr>
<tr>
<td>11. Advancing Quality Education and School Reforms</td>
<td>Indirect</td>
</tr>
<tr>
<td>12. Advancing Sexual and Reproductive Health</td>
<td>Indirect</td>
</tr>
<tr>
<td>13. All Mothers and Children Count (AMCC)</td>
<td>Indirect</td>
</tr>
<tr>
<td>14. Amplifying Women’s Voices for Sexual and Reproductive Health</td>
<td>Indirect</td>
</tr>
<tr>
<td>15. Bangladesh - Humanitarian Response to Cyclone Idai</td>
<td>Indirect</td>
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<tr>
<td>16. Bangladesh - Humanitarian Response to Cyclone Idai</td>
<td>Indirect</td>
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<tr>
<td>17. Bangladesh - Humanitarian Response to Cyclone Idai</td>
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<tr>
<td>18. Bangladesh - Humanitarian Response to Cyclone Idai</td>
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<tr>
<td>20. Bangladesh - Humanitarian Response to Cyclone Idai</td>
<td>Indirect</td>
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<tr>
<td>21. Basic Health Care and Nutrition for MoCDH</td>
<td>Indirect</td>
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<tr>
<td>22. Basic and Early Childhood Education</td>
<td>Indirect</td>
</tr>
<tr>
<td>23. Building a baseline for Sexual and Reproductive Health</td>
<td>Indirect</td>
</tr>
<tr>
<td>24. Building a baseline for Sexual and Reproductive Health</td>
<td>Indirect</td>
</tr>
<tr>
<td>25. Canada-Africa Initiative to Address Malaria</td>
<td>Indirect</td>
</tr>
</tbody>
</table>

**Selected Outputs**

- **Community Awareness Activities Implemented**: 3,242
- **Community Groups Engaged**: 762
- **Facilities Built or Enhanced**: 4,104
- **Providers Trained**: 97,906

**Providers Trained**: 97,906

**Number of Projects - Sample Size**:
- **Women of Reproductive Age - Direct**: 70
- **Adolescent Girls - Direct**: 12
- **Children Under 5 - Direct**: 49
- **Newborns - Direct**: 18

**Population Type**: Direct

**Children Under 5**: 89,800,018
Challenges and Opportunities

- **Building trust and credibility**: challenges associated with data sharing & collection
- **Telling ‘The’ Story of Canada’s impact vs telling ‘A’ Story**: questions of data completeness
- **Measuring collective impact**: decision on what data to aggregate
- **Best use of qualitative and contextual data**: incorporation into results highlights
- **Collective learning and knowledge translation**: robust interactive learning platform
Discussion in breakout rooms
Breakout rooms: Q & A and Discussion

Room 1: Measuring Collective Impact
Room 2: Measuring Impact at the Project-level
Room 3: En français!

● What to expect in the breakout (choice of rooms):
  a. Kick off with Q&A from the presentation
  b. Discussion on the following guiding questions on high level results reporting (Jamboards):
    ■ What is the type of data you collect and use for reporting project impact highlights?: quantitative, qualitative, combined
    ● How / why?: success, challenges, barriers.
    ■ How do you communicate / disseminate project impact highlights?: Use cases.
Thank you!

- Stay tuned for the blog we will write based on the exchanges in the Breakout rooms!
- Please share your contact detail here: https://forms.gle/LfjfdmJ5MJYDKEUd8
- For more information: impact@canwach.ca