

CanWaCH Analytics Portal

Methodological Summary Notes

Version October 2020



CanWaCH

Canadian Partnership for
Women and Children's Health

CanSFE

Partenariat canadien pour la
santé des femmes et des enfants

Table of Contents

| | |
|-------------------------------------|-----------|
| Publication | 2 |
| Methodology Introduction | 2 |
| Dashboard – Global Snapshot | 2 |
| Definitions | 2 |
| Filters | 3 |
| Mechanics | 3 |
| Visuals | 4 |
| Section 1 – Global Summary | 4 |
| Section 2 – Reporting Organization | 5 |
| Dashboard – Area of Focus | 5 |
| Filters | 5 |
| Mechanics | 6 |
| Visuals | 7 |
| Dashboard – Country Snapshot | 7 |
| Definitions | 7 |
| Filters | 7 |
| Mechanics | 8 |
| Visuals | 8 |
| Section 1 – Country Summary | 8 |
| Section 2 – Reporting Organizations | 9 |
| Section 3 – Area of Focus | 10 |
| Filters | 10 |
| Mechanics | 10 |
| Visuals | 10 |
| Section 4 – Population | 11 |
| Visuals | 11 |
| Dashboard – Funding Initiatives | 11 |
| Filters | 11 |
| Mechanics | 12 |
| Visuals | 12 |
| Section 1 – Overview | 12 |
| Section 2 – Population | 12 |
| Section 3 – Outputs | 13 |
| Disclaimer | 14 |



Publication

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Methodology Introduction

CanWaCH Analytics Portal: The CanWaCH Analytics Portal is derived from the CanWaCH Project Explorer (ProX) database. The purpose of the Analytics Portal is to summarize, and to visualise in aggregate, the information provided in the CanWaCH ProX database. The CanWaCH Analytics Portal is open source, with all data source files available for download.

CanWaCH Project Explorer (ProX): The CanWaCH ProX aims to capture and share the full spectrum of efforts in global health and gender equality with a link to Canada. Projects funded by any source (domestic or global) can be entered into the ProX.

Version 2020.6: The CanWaCH Analytics Portal is in the development stage. Feedback may be directed to impact(@)canwach.ca in either English or French.

Dashboard – Global Snapshot

Definitions

- "All Projects" refers to current and completed projects available in the CanWaCH ProX as of October 2020.
- "Active Projects" refers to all projects that are labelled as in-progress in the ProX for the selected year.
- "Total Funding":
 - Single-Country Projects: "Total Funding" is equal to the total project budget amount.
 - Multi-Country Projects: Project budgets are allocated to each country based on the 'budget percentage per country' provided in the ProX.
- Currency: All dollar amounts are in Canadian Dollars (CAD).
- Regions:



- The global "Regions" chosen for the Analytics Portal Maps use the same regional conventions as the United Nations Department of Economic and Social Affairs, including the 2018 Report Statistical Annex measuring progress towards the Sustainable Development Goals (SDGs). The UN code list was chosen as the reference, as it specifies explicitly what countries are categorized in what regions. The calculation of the Regional % budget allocation for Global Affairs Canada-funded projects with no countries specified are based on estimates and should be interpreted with caution.

Filters

Filter “Funding Source”: The “Government of Canada” sort option filters all visuals in the “Global Snapshot” section by projects funded by the Government of Canada.

Government of Canada Note: Government of Canada is equivalent to Global Affairs Canada (GAC) or any previous iteration which includes Canadian International Development Agency (CIDA) and the Department of Foreign Affairs, Trade and Development (DFATD).

The “Other Funding” sort option filters all the visuals in the “Global Snapshot” section by projects funded by all other funding sources.

Filter “Sort by Year”:

- "All Projects" includes all available projects in the CanWaCH ProX.
- “Projects by Active Year” refers to all projects available in the CanWaCH ProX that are in-progress during the selected year.

Funding Note: When "Projects by Active Year" is selected, the total project budget amount per country is equally divided between all active years of the projects. This displays the average funding amount distributed per year for the project.

Mechanics

How the visuals handle multi-country projects

- Global Level Analysis:
The “Total Project” field provides the total count of unique projects.
- Regional Level Analysis:
For multi-country projects in a given region, the project is only counted once per region.
- Country Level Analysis (CanWaCH ProX Map):
In the “CanWaCH ProX Map” visual, a multi-country project is counted in each country where the project is being implemented (i.e. 1x per country). The total project budget is



distributed between all countries for the project based on the budget percentage per country provided in the ProX.

Country Funding Note: “Total Funding” per country is equal to the total budget allocation amounts from all projects for the specific country.

“Master Projects”

The visuals include “Master Projects” from the CanWaCH ProX, i.e. multi country projects and/or funding envelopes that are further dispersed to multiple projects. The sub-projects from each Master Project are excluded in order to avoid double counting.

Sub-project Note: The full set of sub-projects is not fully available for all Masters Projects.

Visuals

Section 1 – Global Summary

1. CanWaCH ProX Map

The CanWaCH ProX Map depicts the countries with reported ProX projects. The tool tip (the information that appears when hovering over the countries) provides information on the number of projects and total funding per country. For regional projects that do not specify a country(ies), the project and budget are omitted from the CanWaCH ProX Map.

2. Project Duration

Based on the “Sort by Year” filter selection, this visual displays all projects that are active with the project start and end year included in the tooltip (the information that appears when hovering over the project bar). For full project details, the URL link to the Project Page is included in the tooltip.

3. Total Projects and Total Funding by Year

The Total Projects and Total Funding by Year visual offers an overview of the number of active projects and their total funding per year.

4. Regional Comparison

The “Total Project” field provides the total count of unique projects per region.

The “Total Funding” field provides the total sum of funding per region.

5. Funding by Region (%)

The donut chart offers an alternative view of total funding by region. The chart displays the total funding and percentage by region out of the global total for the "Sort by Year" filter selection.



6. Global Total

“Total Projects” refers to the total number of unique projects.

“Total Funding” refers to the total budget amount globally for the number of unique projects.

Section 2 – Reporting Organization

1. Reporting Organization – Funding by Type

The Reporting Organizations Funding by Type Sunburst Chart spatially illustrates the proportion of Reporting Organizations by type based on funding for all countries.

- The 1st level (inner-most circle) displays the total number of organizations for all organization types.
- The 2nd level displays the number of organizations by category for all organization types.
- The 3rd level displays the number of organizations by Canadian-Based (Yes/No).
- The 4th level (outer-most circle) filters to the details level for the specific Reporting Organization selected.

2. Reporting Organizations – Total Funding

The Reporting Organizations Word Cloud displays the Reporting Organization by Type and project funding (both current and completed projects) per the selected Reporting Organization for all countries. The text size of the Reporting Organization name increases in proportion to the amount of funding.

3. Reporting Organizations – Summary

The Reporting Organizations statistics display the total number of organizations, their type, the total number of projects and the total funding amount for all countries for all four levels of detail in Reporting Organization Type.

Dashboard – Area of Focus

Filters

Filter “Funding Source”

The “Government of Canada” sort option filters all visuals in the “Areas of Focus” section by projects funded by the Government of Canada.



Government of Canada Note: Government of Canada is equivalent to Global Affairs Canada (GAC) or any previous iteration which includes Canadian International Development Agency (CIDA) and the Department of Foreign Affairs, Trade and Development (DFATD).

The “Other Funding” sort option filters all the visuals in the “Areas of Focus” section by projects funded by all other funding sources.

Buttons

The CanWaCH Areas of Focus are subdivided into two categories; “Health” Areas of Focus and “Other” Areas of Focus. The Buttons feature enables the user to filter the Areas of Focus visuals to view the 14 Areas of Focus specific to Health, the 16 Areas of Focus in the Other category or All 30 Areas of Focus.

Mechanics

Funding

The total project budget is distributed between all Area(s) of Focus per project. “Total Funding” for an Area of Focus is the sum of all project budget amounts that are designated in the ProX for that Area of Focus.

Funding Note: Currently, 100% of a project's Area of Focus distribution amount is allocated to the Start Year of the Project.

Projects

“Number of Projects” displays the total project count for each “Area of Focus”. A project with multiple Areas of Focus will be counted under each applicable Area of Focus. The total project budget is allocated between Areas of Focus based on the percentage distribution provided in the ProX.

Project Note: A project is displayed at the start year of the project in the visuals.

“Master Projects”

The visuals include “Master Projects” from the CanWaCH ProX, i.e. multi country projects and funding envelopes that are further dispersed to multiple projects. The sub-projects from each Master Project are excluded in order to avoid double counting.

Sub-project Note: The full set of sub-projects is not fully available for all Masters Projects.

Visuals

1. Top 10 Areas of Focus by Funding

This visual ranks the top 10 Areas of Focus by funding amount per year and overall. The ranking includes all projects for each Area of Focus by year, and displays the total funding and total number of projects in the tooltip (the information that appears when hovering over the project bar).

2. Total Projects by Area of Focus

This visual calculates the total number of unique projects per Area of Focus per year.

3. Funding by Area of Focus

The donut chart offers an alternative view of total funding by Area of Focus using the "Year" filter. The chart displays the total funding and percentage by Area of Focus out of the total funding amount for all projects that specify at least one Area of Focus.

4. Areas of Focus Summary

Applying the "Year" filter, this chart provides a spatial overview of the volume of unique projects per Area of Focus. The size of the boxes relates to the number of projects. The total funding is also included in the tooltip (the information that appears when hovering over the project bar).

Dashboard – Country Snapshot

Definitions

Regions

The global "Regions" chosen for the Analytics Portal Maps use the same regional conventions as the United Nations Department of Economic and Social Affairs, including the 2018 Report Statistical Annex measuring progress towards the Sustainable Development Goals (SDGs). The UN code list was chosen as the reference, as it specifies explicitly what countries are categorized in what regions. The calculation of the Regional % budget allocation for Global Affairs Canada-funded projects with no countries specified are based on estimates and should be interpreted with caution.

Filters

Filter “Country”

The “Country” sort option filters all visuals to include all current and completed projects starting from 2010 for the selected Country.

Country Note: The Country Snapshot only includes countries that have at least one current or completed project in the CanWaCH ProX.

Filter “Funding Source”



The “Government of Canada” sort option filters all visuals in the “Country Snapshot” section by projects funded by the Government of Canada.

Government of Canada Note: Government of Canada is equivalent to Global Affairs Canada (GAC) or any previous iteration which includes Canadian International Development Agency (CIDA) and the Department of Foreign Affairs, Trade and Development (DFATD).

The “Other Funding” sort option filters all the visuals in the “Country Snapshot” section by projects funded by all other funding sources.

Mechanics

“Master Projects”

The visuals exclude “Master Projects” from the CanWaCH ProX, i.e. multi country projects and funding envelopes that are further dispersed to multiple projects. Master projects are excluded to avoid double counting. The Country Snapshot includes sub-projects from each Master Project.

Sub-project Note: The full set of sub-projects is not fully available for all Masters Projects.

Visuals

Section 1 – Country Summary

1. Project Explorer Map

The Project Explorer Map displays projects at the geocoordinate level by country and location will full project details available on the individual project pages.

Region Note: For Project IDs assigned to a region only, the project is included under “countries, unspecified”.

2. Country Total

“Total Projects” refers to the total number of unique projects per the selected Country.

“Total Funding” refers to the total budget amount for the total number of unique projects per the selected Country.

3. Total Projects and Total Funding by Year

The Total Projects and Total Funding by Year visual offers an overview of the number of active projects and their total funding per year for the selected Country.

Funding Note: The total project budget amount per country is equally divided between all active years of the projects. This displays the average funding amount distributed per year for the project.

4. Funding by Country (%)

The donut chart displays the total funding for the selected country and the total amount of funding per Region relative to the selected country. Additionally, the total country funding is provided as a percentage of both total investment in regional and global funding.

5. Project Duration

Based on the “Country” filter selection, this visual displays all projects that are active with the project start and end year included in the tooltip (the information that appears when hovering over the project bar). For full project details, the URL link to the Project Page is included in the tooltip.

Section 2 – Reporting Organizations

1. Reporting Organization – Funding by Type

The Reporting Organizations Funding by Type Sunburst Chart spatially illustrates the proportion of Reporting Organizations by type based on funding for the selected country.

- The 1st level (inner-most circle) displays the total number of organizations per country for all organization types.
- The 2nd level displays the number of organizations per country by category for all organization types.
- The 3rd level displays the number of organizations per country by Canadian-Based (Yes/No).
- The 4th level (outer-most circle) filters to the details level for the specific Reporting Organization selected.

2. Reporting Organizations – Total Funding

The Reporting Organizations Word Cloud displays the Reporting Organization by Type and project funding (both current and completed projects) per the selected Reporting Organization for the selected country. The text size of the Reporting Organization name increases in proportion to the amount of funding.

3. Reporting Organizations – Summary

The Reporting Organizations statistics display the total number of organizations, their type, the total number of projects and the total funding amount per selected country for all four levels of detail in Reporting Organization Type.



Section 3 – Area of Focus

Filters

Buttons

The CanWaCH Areas of Focus are subdivided into two categories; “Health” Areas of Focus and “Other” Areas of Focus. The Buttons feature enables the user to filter the Areas of Focus visuals to view the 14 Areas of Focus specific to Health, the 16 Areas of Focus in the Other category or All 30 Areas of Focus.

Mechanics

Funding

The project budget amount designated per the selected country is distributed between all applicable Area(s) of Focus per project. “Total Funding” for an Area of Focus is the sum of all project budget amounts that are designated in the ProX for that Area of Focus per the selected country.

Funding Note: Currently, 100% of a project's Area of Focus distribution amount is allocated to the Start Year of the Project.

Projects

“Number of Projects” displays the total project count for each “Area of Focus” per the selected country. A project with multiple Areas of Focus will be counted under each applicable Area of Focus. The total project budget is allocated between Areas of Focus based on the percentage distribution per country provided in the ProX.

Project Note: A project is displayed at the start year of the project in the visuals.

Visuals

1. Top 10 Areas of Focus by Funding

This visual ranks the top 10 Areas of Focus by funding amount per year and overall for the selected country. The ranking includes all projects per country for each Area of Focus by year, and displays the total funding and total number of projects in the tooltip (the information that appears when hovering over the project bar).

2. Total Projects by Area of Focus

This visual calculates the total number of unique projects per Area of Focus per year for the selected country.

3. Funding by Area of Focus

The donut chart offers an alternative view of total funding by Area of Focus per the selected country using the "Year" filter. The chart displays the total funding and percentage by Area of Focus out of the total funding amount for all projects that specify at least one Area of Focus.

4. Areas of Focus Summary

Applying the "Year" filter, this chart provides a spatial overview of the volume of unique projects per Area of Focus for the selected country. The size of the boxes relates to the number of projects. The total funding is also included in the tooltip (the information that appears when hovering over the project bar).

Section 4 – Population

Visuals

1. Total Population Reach

The Total Population Reach displays the total direct and indirect population count for projects included per the selected country with available population data.

Population Note: The total (aggregated) direct and indirect population numbers for multi-country projects have been excluded to ensure correct representation at the country-level.

2. Population Reach, by Target Population Descriptors

The target population descriptors visual displays the number of projects specifying the target population descriptors for the selected country.

3. Population Reach, by Target Population

The target population visual displays the number of projects specifying the gender and age categories of the target population for the selected country.

Dashboard – Funding Initiatives

Filters

Funding Initiatives

Three funding initiatives from the Government of Canada are included:

- MNCH 2010 – 2015
- MNCH 2015 – 2020

- SRHR 2017 – 2020

MNCH=Maternal Newborn and Child Health

SRHR=Sexual Reproductive Health and Rights

Mechanics

“Master Projects”

The visuals include “Master Projects” from the CanWaCH ProX, i.e. multi country projects and/or funding envelopes that are further dispersed to multiple projects. The sub-projects from each Master Project are excluded in order to avoid double counting.

Sub-project Note: The full set of sub-projects is not fully available for all Master Projects.

Visuals

Section 1 – Overview

1. Funding Initiatives Summary

The Funding Initiative summary table provides an overview of the Government of Canada Funding Initiatives, the Number of ProX Projects included, and the Total Funding.

2. Project List

The Project List displays the project titles for all of the ProX projects included in each funding initiative. Additionally, the Reporting Organization per project is displayed in the tooltip (the information that appears when hovering over the project bar).

Population Note: Population data may not be provided by all projects in the Project List. For projects with population data, detailed disaggregated data by gender and/or age may not be provided.

Section 2 – Population

1. Total Population Reach

The Total Population Reach displays the total direct and indirect population count for projects included per funding initiative with available population data.

2. Population Reach, Disaggregated by Gender

The Population Reach, Disaggregated by Gender displays the reported total direct and indirect population for women/girls and men/boys for projects included per funding initiative with available population data by gender. Please note that the ProX allows for

the inclusion of 'Other' as a Gender option (i.e. female, male, other); however, as of October 2020, no projects have included data in this category.

3. Population Reach, by Target Population

The target population visual displays the number of direct and indirect people reached per population group, for projects with available disaggregated population data by gender and/or age. CanWaCH has selected four categories of target populations for analysis: Women of Reproductive Age, Adolescent Girls, Children Under 5, and Newborn.

Section 3 – Outputs

1. Outputs

Preliminary analysis of the Funding Initiatives' outputs has been conducted with four output types included in the visual:

- **Services Providers Trained:** Examples of service providers (all genders) trained include community health / outreach workers, health workers / personnel / staff, managers, midwives, nurses, or doctors. Training applies to community-level as well as facility-level staff.
- **Community Groups Engaged:** Examples of community groups engaged include councils, committees, women's groups, or community / partner organizations. Engagement applies to both establishing new groups as well as supporting existing ones.
- **Health Facilities Built or Enhanced:** Examples of health facilities built or enhanced include facilities of all sizes and type delivering health services such as hospitals, dispensaries, clinics, wards, satellite / mobile clinics, health centers, or community health posts. The category covers infrastructure constructed or refurbished /renovated / rehabilitated, facilities and systems strengthened or supported, provision of medication / equipment / transportation.
- **Community Awareness Activities Implemented:** Examples of community awareness activities implemented include sensitization sessions and campaigns. The category covers activities including IEC and BCC, awareness campaigns, materials development, information dissemination, community workshops / awareness-raising sessions, and public engagement.

Output Note: Output data may not be provided by all projects in the Project List. For projects with output data, numbers may not be provided.

Disclaimer

The Project Explorer collects robust data across 17 primary data fields. Data is collected on an ongoing basis. Numbers are accurate to the time of publication, and may change as projects are updated. Data is collected and gathered in English and/or French through a variety of outreach

methods as well as online searches, as follows: Data Drives; targeted outreach to organizations/institutions via electronic communication throughout the year; online search of organization/institutions' websites or published materials; and common data fields sourced from the Global Affairs Canada Project Browser. Submission of projects is voluntary and all data fields are optional, and as such, it likely does not reflect the entirety of Canadian work in global health and gender equality worldwide. Individual project information is not independently verified by CanWaCH.

The CanWaCH Analytics Portal has been created for informative purposes only. Users are encouraged to conduct independent analysis using the available data, and to review sample size and other contextual information before drawing conclusions. Through this portal, CanWaCH does not intend to endorse, recommend, or comment on specific activities or investments.

The designations and maps used and displayed do not imply the expression of any opinion whatsoever on the part of CanWaCH concerning the legal status of any country, territory, city or area or its authorities, or concerning the delimitation of its frontiers or boundaries.

