Information gaps analysis of WASH resources for Somalia

Snapshot of information gaps in August 2020

This document summarizes the situation of available water, sanitation and hygiene (WASH) related baseline information and the results of an ad-hoc WASH partner survey conducted by REACH under the framework of a project funded by UNICEF to enhance the information management capacity of the WASH Cluster in Somalia. It can serve as a point of reference for both, the identification of existing information sources, as well as planning of upcoming data collection exercises.

The document is organized in two sections:

1.) Summary of the WASH partner survey
2.) WASH specific information gap matrix

Summary of WASH partner survey

To obtain a better overview of available information resources and datasets related to WASH activities, REACH designed a short survey that was disseminated to WASH partners via the WASH mailing list.

The survey was designed to answer two main questions:

1.) Which WASH related information resources exist and are regarded as important by WASH partners?
2.) What are information gaps with regards to baseline information, and WASH activities?

The survey was created in KoBo, and filled out online by WASH partners in the timeframe between 22 and 31 July-2020. Interactions with the provided link were tracked using statistics from bit.ly.

The link to the survey was sent out to 584 WASH partners and was clicked on a total of 124 times. However, only **34 respondents** from **29 organizations / agencies** completed the survey. As a result, findings presented below should only be considered indicative. Overall around half of the respondents reported information gaps with the regards to WASH activities or baseline data.

- **50%** of the respondents see "information gaps with regards to baseline data for WASH needs"
  - Main areas of information gaps for those that see information gaps with regards to baseline data for WASH needs (multiple answers per respondent possible):
    - Location of (strategic) water points (24%)
    - Hydrological data (groundwater levels, water quality) (24%)
    - People with disabilities (12%)
    - Location of sanitation facilities (5%), location of health facilities (5%), information on open defecation (5%), sewage (5%), market assessments (5%)
    - Availability of a common platform for WASH related information resources (5%)
- **53%** of the respondents see "information gaps with regards to WASH (or WASH related) activities":
  - Main areas of information gaps for those that see information gaps with regards to WASH activities (multiple answers per respondent possible)*:
    - General information on (ongoing) activities (28%)
    - Trainings (17%)
    - Status of ongoing activities (11%)
    - Information on sanitation (11%)
    - Information on water treatment (6%)
    - Information on hygiene (6%)
    - Information on security situation (6%)
- Additionally, one respondent indicated that "due to COVID-19" there is an additional "shortage of information" (not further specified on what) and "insufficient communication and meetings"

*some responses to this question were actually baseline information gaps (and have been integrated in the results of the baseline data question); and some responses were not quite clear (e.g. what kind of information on sanitation / water treatment / hygiene is needed).

WASH Information gap matrix

In addition to important information resources cited by the respondents of the partner survey, REACH conducted a desk review between 4 and 13 August 2020 of available resources and compared the completeness, and latest additions to data and information product portals like HDX, humanitarianresponse.info or reliefweb. Based on this research, core baseline topics were selected, and compared against available data and information resources.

The below table does not claim to be exhaustive and is only based on the research done within the framework of the ongoing REACH project. The data sources listed for each topic is seen to be the most complete and up to date. However, this does not imply that they are the only source of information for any given topic.

Region	admin1Pcode	WASH PIN data source	WASH PIN data coverage	Water points data source	Water points data coverage	Hydrology data source	Hydrology data coverage	Floods data source	Floods data coverage	Drought data source	Drought data coverage	Sanitation facility data source	Sanitation facility data coverage	Health facility data source	Health facility data coverage
Awdal	SO11	WASH Cluster / REACH (2020)	Good	SWALIM - SWIMS - (Dec 2019)	Good	SWALIM (2012)	Poor	SWALIM - FRRIMS (live data)	Medium	SWALIM (live data)	Good	JMCNA - REACH (2019)	Poor	UNICEF (2018)	Medium
Woqooyi Galbeed	SO12	WASH Cluster / REACH (2020)	Good	SWALIM - SWIMS - (Dec 2019)	Good	SWALIM (2012)	Medium	SWALIM - FRRIMS (live data)	Medium	SWALIM (live data)	Good	JMCNA - REACH (2019)	Good	healthsites.io (live data)	Medium
Togdheer	SO13	WASH Cluster / REACH (2020)	Good	SWALIM - SWIMS - (Dec 2019)	Medium	SWALIM (2012)	Poor	SWALIM - FRRIMS (live data)	Medium	SWALIM (live data)	Good	JMCNA - REACH (2019)	Good	healthsites.io (live data)	Medium
Sool	SO14	WASH Cluster / REACH (2020)	Good	SWALIM - SWIMS - (Dec 2019)	Good	SWALIM (2012)	Good	SWALIM - FRRIMS (live data)	Medium	SWALIM (live data)	Good	JMCNA - REACH (2019)	Good	healthsites.io (live data)	Poor
Sanaag	SO15	WASH Cluster / REACH (2020)	Good	SWALIM - SWIMS - (Dec 2019)	Medium	SWALIM (2012)	Poor	SWALIM - FRRIMS (live data)	Medium	SWALIM (live data)	Good	JMCNA - REACH (2019)	Good	UNICEF (2018)	Medium
Bari	SO16	WASH Cluster / REACH (2020)	Good	SWALIM - SWIMS - (Dec 2019)	Medium	SWALIM (2012)	Medium	SWALIM - FRRIMS (live data)	Medium	SWALIM (live data)	Good	JMCNA - REACH (2019)	Poor	healthsites.io (live data)	Poor
Nugaal	SO17	WASH Cluster / REACH (2020)	Good	SWALIM - SWIMS - (Dec 2019)	Poor	SWALIM (2012)	Medium	SWALIM - FRRIMS (live data)	Medium	SWALIM (live data)	Good	JMCNA - REACH (2019)	Medium	UNICEF (2018)	Medium
Mudug	SO18	WASH Cluster / REACH (2020)	Good	SWALIM - SWIMS - (Dec 2019)	Good	SWALIM (2012)	Medium	SWALIM - FRRIMS (live data)	Medium	SWALIM (live data)	Good	JMCNA - REACH (2019)	Good	UNICEF (2018)	Medium
Galgaduud	SO19	WASH Cluster / REACH (2020)	Good	SWALIM - SWIMS - (Dec 2019)	Medium	Not available	None	SWALIM - FRRIMS (live data)	Medium	SWALIM (live data)	Good	JMCNA - REACH (2019)	Medium	healthsites.io (live data)	Poor

Hiraan	SO20	WASH Cluster / REACH (2020)	Good	SWALIM - SWIMS - (Dec 2019)	Medium	Not available	None	SWALIM - FRRIMS (live data)	Good	SWALIM (live data)	Good	JMCNA - REACH (2019)	Medium	healthsites.io (live data)	Poor
Middle Shabelle	SO21	WASH Cluster / REACH (2020)	Good	SWALIM - SWIMS - (Dec 2019)	Medium	Not available	None	SWALIM - FRRIMS (live data)	Good	SWALIM (live data)	Good	JMCNA - REACH (2019)	Poor	healthsites.io (live data)	Poor
Banadir	SO22	WASH Cluster / REACH (2020)	Good	SWALIM - SWIMS - (Dec 2019)	Good	Not available	None	SWALIM - FRRIMS (live data)	Medium	SWALIM (live data)	Good	JMCNA - REACH (2019)	Good	healthsites.io (live data)	Good
Lower Shabelle	SO23	WASH Cluster / REACH (2020)	Good	SWALIM - SWIMS - (Dec 2019)	Poor	Not available	None	SWALIM - FRRIMS (live data)	Medium	SWALIM (live data)	Good	JMCNA - REACH (2019)	Poor	healthsites.io (live data)	Poor
Bay	SO24	WASH Cluster / REACH (2020)	Good	SWALIM - SWIMS - (Dec 2019)	Poor	Not available	None	SWALIM - FRRIMS (live data)	Medium	SWALIM (live data)	Good	JMCNA - REACH (2019)	Medium	UNICEF (2018)	Medium
Bakool	SO25	WASH Cluster / REACH (2020)	Good	SWALIM - SWIMS - (Dec 2019)	Poor	Not available	None	SWALIM - FRRIMS (live data)	Medium	SWALIM (live data)	Good	JMCNA - REACH (2019)	Medium	UNICEF (2018)	Medium
Gedo	SO26	WASH Cluster / REACH (2020)	Good	SWALIM - SWIMS - (Dec 2019)	Poor	SWALIM (2015)	Medium	SWALIM - FRRIMS (live data)	Good	SWALIM (live data)	Good	JMCNA - REACH (2019)	Good	healthsites.io (live data)	Medium
Middle Juba	SO27	WASH Cluster / REACH (2020)	Good	SWALIM - SWIMS - (Dec 2019)	Poor	Not available	None	SWALIM - FRRIMS (live data)	Good	SWALIM (live data)	Good	Not available	None	UNICEF (2018)	Medium
Lower Juba	SO28	WASH Cluster / REACH (2020)	Good	SWALIM - SWIMS - (Dec 2019)	Poor	Not available	None	SWALIM - FRRIMS (live data)	Good	SWALIM (live data)	Good	JMCNA - REACH (2019)	Medium	healthsites.io (live data)	Poor