Research Terms of Reference

Ethiopia Crisis to Resilience (EC2R) Service Capability Assessment

Research Cyle ID: ETH2306a

Ethiopia

February 2024

REACH Informing more effective humanitarian

1. Executive Summary

Country of	Ethio	pia						
intervention								
Type of Emergency	Х	Natural disaster	Х	Con	flict		Other (specify)	
Type of Crisis		Sudden onset		Slov	ow onset X Protracted			
Mandating Body/	Forei	gn, Commonwealth and Dev	elopi	ment	Office (FCDO)		
Agency								
IMPACT Project	29BA	Р						
Code								
Overall Research								
Timeframe (from	06/09	06/09/2023 to 31/05/2024						
research design to								
final outputs / M&E)								
Research		ot/ training: 29/01/2024			Preliminary			
Timeframe		art collect data: 05/02/2024					ation: 22/04/2024	
Add planned deadlines		ta collected: 17/03/2024			8. Outputs pu			
(for first cycle if more		ta analyzed: 01/04/2024			9. Final presentation: 06/05/2024			
than 1)	5. Da	ta sent for validation: 08/04/2	2024					
Number of		Single assessment (one cy	cle)					
assessments	Х	Multi assessment (more that	an oi	ne cy	cle)			
		This assessment falls unde	er the	e Ethio	opia Crisis to I	Resilience	(EC2R) programme, an	
		FCDO humanitarian assista	ance	prog	ramme, under	r which 3 pl	nases of REACH work	
		are funded. These 3 phase	s of	work	cover 2 separ	ate assess	ments. This TOR	
		covers the assessment for	phas	se 1 a	nd 2 of the wo	ork. A sepa	rate TOR will be drawn	
		up for the phase 3 assessm	nent.					
Humanitarian	Miles	tone			Deadline (ca	n be tenta	tive)	
milestones	Х	Donor plan/strategy			Tentative			
Specify what will the		Inter-cluster plan/strategy				_		
assessment inform and when		Cluster plan/strategy				_		
e.g. The shelter cluster		NGO platform plan/strategy	/			_		
will use this data to								
draft its Revised Flash		Other (Specify):			//	_		
Appeal;								

	Note: Under the EC2R programme ¹ , REACH will provide the EC2R partners, FCDO and the broader humanitarian and development community with analysis and evidence to inform the delivery of appropriate assistance to needy populations. REACH will develop its proposed activities along with five main workstreams	
Audience Type &	Audience type	Dissemination
Dissemination Specify who will the	X Strategic X Programmatic	 General Product Mailing (e.g. mail to NGO consortium; HCT participants; Donors)
assessment inform and how you will	X Operational	X Cluster Mailing (Education, Shelter and WASH) and presentation of findings at next cluster meeting
disseminate to inform the audience	□ [Other, Specify]	X Presentation of findings (e.g. at HCT meeting; regional and national cluster meetings)
		X Website Dissemination (Relief Web & REACH Resource Centre)
		 Please note that website dissemination will be available on the REACH resource center, pending the sensitivity of the findings.
Stakeholder	X Yes, nationwide stakeholder mapping has been conducted	□ No
mapping Has a detailed stakeholder		
mapping been conducted during		
conducted during research design to		
identify all actors that could contribute to		
and/or benefit from		
the research?		
General Objective		nent actors operating in Ethiopia with updated
	information on the capability of facilities a and water sectors in provision of services	nd infrastructure of health and nutrition, education to the communities they serve.
Specific	-	physical condition of the assessed infrastructures
Objective(s)		ucation facilities and water facilities)
	 To understand which services are as service gaps. 	e offered in the assessed infrastructures, as well
	•	by humanitarian and development actors through
	•	e delivery coverage within the specified area, and overage. Understanding the extent to which basic

¹ The Ethiopia Crisis to Resilience (EC2R) programme is an FCDO funded programme that provides £200 million of funding for a range of humanitarian activities in Ethiopia. The EC2R consortium included UN partners, notably UNICEF and WFP, and humanitarian NGOs including Save the Children, the Ethiopian Red Cross and Impact Initiatives under REACH. The programme aims to respond to Ethiopia's current multisectoral humanitarian needs and enable poor households to withstand disasters and shocks by applying evidence-based research and data to identify risks and respond early and cost-effectively. Various interventions will be implemented, including in health and nutrition, education WASH and education). These assessments will be implemented by REACH, as is outlined in this TOR.

	services are functioning to meet the needs of the people they intend to serve, is a critical part of improving services.
Research Questions	• What infrastructures in health and nutrition, water and education are available in Ethiopia, and where are they located?
	 What is the building condition of the assessed infrastructure?
	 What is the level and type of service provided by the assessed infrastructure? What if any, are the gaps in service capability of the assessed infrastructure?
Geographic Coverage	The capability assessment will be conducted in 2 regions of Ethiopia. We will pilot the methodology in this assessment in 2 zones, in the Shabelle zone of the Somali region and in the Central zone in Tigray region. Based on funding availability and partner capacity, the assessment methodology will be deployed in additional zones in each of the regions across Ethiopia. We will develop a methodology note when we expand the research approach to additional zones and regions.
	For reference: Ethiopia is split in to 12 administrative regions. Each region is made up of several zones. Zones are split up in to Woredas, and then in to Kebeles. Regions, Zones, Woredas and Kebeles are all administrative entities.
Secondary data sources	Due to the multifaceted nature of this assessment, secondary data analysis has been conducted for each specific sector (health and nutrition, education and water), as well as a review of literature on service capability. Please see a brief outline of these below.
	Across all sectors:
	 Actor, service and infrastructure mapping for Dadaab Refugee Camps, Kenya <u>REACH_KEN_Dadaab_Actor-service-and-infrastructure-mapping_DAP_April-2.pdf</u> (impact-initiatives.org)
	 Infrastructure and service mapping of Samburu County, Kenya (REACH, 2019) <u>https://repository.impact-</u>
	initiatives.org/document/reach/87f09bca/REACH_KEN_TOR_Samburu_County_Inf rastructure_and_Service_Mapping_November-2019-2.pdf
	 Mini DHS survey for Ethiopia (Demographic and Health Survey, 2019) Open street map and google maps
	Health and nutrition:
	 HeRAMS Tigray Baseline Report – operational status of the health system (WHO, 2023). This will be used to define health specific indicators and questions.
	 Health facilities assessment tool (Advancing Communities and Partners, 2012). This will be used to define health specific indicators and questions. We will draw on existing indicators in this tool.
	Ministry of Health Ethiopia, Somali and Tigray regional health bureaus 2020 data on health facilities
	 Health and Health Related Indicators Survey for Ethiopia - Ministry of Health Ethiopia (2020)
	Water:
	 Multi-Agency Initial Rapid Assessment –The drought situation in Dawa Zone Somali Region (2022)
	 WHO and UNICEF. Core questions and indicators for monitoring WASH in health care facilities in the Sustainable Development Goals (2018)

	Educ	surveys: WHO/UNICEF and Hygiene. (2006)	Loint Ser es in ond I 2016 Ethic Edu ncies Edu	Monivice Ethic head S) ppia, catio (201 catio	itorin deliv opia. line i line i line i l 13) n in l	g Programme fo ery models for u (2019) ndicators: water cation Statistics Emergencies, Ef Emergencies (IN	or Wa nive and Ann thiop	ater Supply, Sanitation ersal, safe and I sanitation services in ual abstract (2021) bia Minimum Standards
Population(s)		IDPs in camp				IDPs in inform		
Select all that apply		IDPs in host communities				IDPs [Other, Sp	pecify	y]
		Refugees in camp				Refugees in in	form	nal sites
		Refugees in host communi	ties			Refugees [Oth	er, S	pecify]
		Host communities			Х	considered in	this	pulations may be research, as we are able infrastructure
Stratification Select type(s) and enter number of strata	X	Geographical #: 2 strata (each zone in Ethiopia that we will sample) Population size per strata is known? Yes X No		Pop stra	oulati	: on size per known? No		[Other Specify] #: Population size per strata is known? □ Yes □ No
Data collection tool(s)	X	Structured (Quantitative)				Semi-structure	ed (C	Qualitative)
	Sam	oling method			Dat	a collection me	tho	d
Structured data collection tool # 1 Key Informant Interview Tool at the infrastructure	X Pui Pro Pro Pro X Ce	poing method prosive (for water infrastructure) pabbility / Simple random pabbility / Stratified simple rando pabbility / Cluster sampling pabbility / Stratified cluster samp nsus approach (for health an ation infrastructure)	om oling		X K heal the (colle infor num Som gove G G G H C Ir X D of in	ey informant inter th and nutrition fa Central Zone in Ti ection points, so w mant interviews. ¹ ber data confirme nali region, but we ernemnt ministries Group discussion (lousehold intervie ndividual interview	view cility gray we ex We c ed for are s to c Targ w (T: Targ w (T: ; (Ta	(Target #): 1 person per /school/water facility. In , there are 1000 data pect to have 1000 key lo not yet have facility the selected zone in in discussion with relevant ubtain this data. let #): arget #): rget #): rget #): Direct observation

Target level of precision if probability sampling	Not a	oplicable		Not	t a	applicable		
Disaggregation by gender and age	Gend	er		Ag	е			
Are you planning to conduct sex/age		Yes				Yes		
disaggregated analysis?	х	No		X		No		
Data management platform(s)	Х	IMPACT				UNHCR		
		[Other, Specify]						
Expected ouput type(s)	X	Situation overview #:2. Total. 1 situation overview report for each zone surveyed.		Report	#	:		Profile #:
	X	Presentation (Preliminary findings) #: 2 total. 1 presentation per zone covered. Preliminary presentations will only be to funder and EC2R partners	X	1 Final FCDO, membe	p E ers	s and clusters gional and	Х	Factsheet #: 6 total. 3 per zone covered. 1 factsheet per sector (health and nutrition, education and water) (6 total)
		Interactive dashboard #:_		Webma	ap)#:	Х	Map #: 6 total. 3 per zone covered. One capability map per sector (health and nutrition, education and water). (6 total)
		[Other, Specify] #:						
Access	Х	Public (available on REAC	H res	source ce	en	nter and other hi	uma	nitarian platforms)
		Restricted (bilateral dissem on REACH or other platform		on only ι	up	oon agreed diss	emir	ation list, no publication
Visibility Specify	REA	СН						
which logos should be	Done	or: FCDO						
on outputs		dination Framework: n/a	nica	Dad Cra		_		
	Parti	ners: If the EC2R logo, Ethio	oian	Rea Cro	SS	5		

2. Rationale

2.1 Background

The second most populous country in Africa, Ethiopia's 123 million people² are affected by a multitude of complex issues. Ongoing conflict, crisis-level food insecurity, flooding, drought and disease outbreaks are some of the multiple and often overlapping crises that continue to strain the lives of communities, refugees, internally displaced people and returnees in Ethiopia. An estimated 20 million people³ are affected by these crises across multiple regions in Ethiopia.

² World Bank Ethiopia Overview, 2023 Ethiopia Overview: Development news, research, data | World Bank

³ Ethiopia Humanitarian Response Plan, 2023, Ethiopia: Humanitarian Response Plan 2023 (February 2023) - Ethiopia | ReliefWeb

Nearly 4.6 million people are currently displaced across Ethiopia due to ongoing conflict within the country.³ Issues of security and humanitarian access are limiting access to and functioning of basic services, including health and nutrition, education and WASH services. Ethiopia's Humanitarian Response Plan for 2023 estimates that over 17.3 million people are in need of various health interventions, 20.5 million people are in need of humanitarian WASH assistance, and 10.3 million children and adults are in need of improved education services.³

Understanding the extent to which basic services are functioning to meet the needs of the people they intend to serve, is a critical part of improving services. Whilst there is no comprehensive research on the capabilities of services in Ethiopia ongoing, some sector specific research has been conducted. This includes the World Health Organization Health Resources and Services Availability Monitoring System (HeRAMS), which analyses the operational status of the health systems. A HeRAMs has been conducted in Tigray and Afar, with the possibility of expansion into other regions. Several joint educational needs assessments (JENA) have been undertaken or are underway in various regions in Ethiopia. However, comprehensive mapping and analysis of the function and capability of all health, nutrition, education and water services has to date, not been conducted in Ethiopia.

With limited information on the location, function and capability of basic services, humanitarian intervention and development planning is limited. In response to de-centralised information management across the country, detailed and up-to-date infrastructure information is required to feed into the humanitarian and development programming across the country. This information will also enable the regional and national government to plan a coordinated humanitarian response to address the needs and barriers to assessing services across the country.

To respond to this need, FCDO, under its Ethiopia Crisis to Resilience (EC2R) programme, will fund a range of assessments, including a service capability assessment. The capability assessment component will map and assess the service capability of 3 sectors (health and nutrition, water, education). This assessment will provide the humanitarian and development actors operating in Ethiopia with updated data of the capability and barriers of health and nutrition, water and education infrastructure to serve the population in need.

2.2 Intended impact

REACH's capability assessment will inform stakeholders on the capability of infrastructure in the health and nutrition, education and water sectors to deliver the services they are supposed to deliver to the population they serve. We define capability as "the capability of a facility, infrastructure or service to fulfil its designed function". REACH's capability assessment will inform humanitarian and development stakeholders including international and local NGOs, donors and government agencies on infrastructure and service capability. The multi-sectoral nature of this work means that the assessment provides a comprehensive evidence base from which stakeholders can prioritize funding and intervention decisions. This will allow them to target interventions in areas where the services capability is insufficient, allowing actors to serve the populations most in need. These stakeholders could also use the REACH findings to inform their advocacy and support additional resource mobilization.

3. Methodology

Methodology overview

This capability assessment is funded under the FCDO Ethiopia Crisis to Resilience (EC2R) programme, in close collaboration with the Ethiopian Red Cross who will support with data collection. Under the programme, REACH has secured funding for 3 phases of work. This TOR covers the approach to Phase 1 and 2. A separate TOR will be developed for Phase 3 of the work. Please note that Phase 3 of the work will take place concurrently to Phase 2 research. To provide a holistic overview, we have briefly outlined all 3 phases of the work below:

- Phase 1: will involve a secondary data review, data collection tool and analytical framework development. Due
 to the census approach, the survey tools will provide a light touch assessment of the infrastructure's capability,
 meaning surveys will be short form and easy to administrate. We have also begun stakeholder engagement,
 including with national and regional government, as well as engagement with implementing partners working
 in the areas of interest. These engagements have informed our approach to the selection of pilot regions (within
 the Shabelle zone in Somali region and the Central zone in Tigray region) based on stakeholder presence and
 perceived need for data. Furthermore, these engagements have informed the selection of sectors of research
 (health, education and water) based on stakeholder data requirements.
- Phase 2: will involve the data collection phase, led by the Ethiopian Red Cross. We will deploy our capability surveys, including surveys to assess the capability of health and nutrition, education and water facilities. Data cleaning, analysis and reporting will be undertaken by REACH. We will pilot Phase 2 data collection in 2 zones in the first instance, Shabelle zone in Somali region and Central zone in Tigray. Data collection in Phase 2 data will then expanded one zone in each of the other regions of Ethiopia, subject to funding and partner capacity considerations.
- Phase 3: Simultaneously to Phase 2, we will conduct deep dive area-based assessments (ABAs) in selected Kebeles for Phase 3 of this work. Hotspot Kebeles will be selected based on existing data on service capability, severity scores, as well as consultations with regional clusters and stakeholders. Kebele selection may be based on factors such as worrying degree of service capability, humanitarian needs, capacity and presence of actors to intervene, existence of coordination mechanisms that the ABA can inform such as the Kebele or Woreda level administration, and REACH access to hotspot areas.

This TOR outlines our methodological approach to the mapping and capability assessment of infrastructure in the health and nutrition, education and water sectors in Ethiopia. The research will use a harmonized questionnaire. The methodology focuses on quantitative, structured interviews with key informants (KIs) in each infrastructure being surveyed. Primary data collection will be targeted on all facilities across the sectors of health and nutrition and education sectors. Specific water facilities will be sampled using a cluster sampling approach. All facilities will be identified using GPS data points. Direct observations will be used to answer questions on the physical condition of the infrastructure. Key informant interviews will be conducted with relevant key informants (where they will be available) in these facilities, to obtain data on service capability. Data will be collected once, for all infrastructure and facilities identified. REACH will use the Open Data Kit (ODK) tool, which ERC staff will deploy on smart phones to conduct primary data collection.

After the cleaning and analysis of the primary data, REACH will develop one factsheet and a capability map for each of the sectors (health and nutrition, education and water) per zone. REACH will share the coverage maps and factsheet with EC2R partners, FDCO relevant clusters and key partners.

Population of interest

- Geographical area assessed: All regions in Ethiopia will be covered during this assessment, pending budget
 availability from the donor for country wide data collection, and partner capacity discussions. Data collection
 will be piloted in the Central zone in Tigray and Shabelle zone in the Somali region, and expanded to all other
 regions in Ethiopia.
- **Population assessed**: the population of interest are the knowledgeable staff of service providers providing services in health and nutrition, education and water facilities, for example, health officers and head teachers.
- Unit of measurement: the unit of measurement will be the facility, this will include the health centre, school or borehole, for example. This level of analysis will be shared to the Kebele level (lowest administrative level in Ethiopia).

Secondary data review

Prior to collecting primary data, a review of facilities that provide basic services (defined in this study as health and nutrition, education and water facilities) will be conducted to determine, where possible, the location of each facility. We will seek to understand the location of facilities by working with regional level health, education and WASH ministries as well as local implementing partners, to ascertain if the relevant data is available. A review of the existing literature on service capability in Ethiopia, as well as methodologies for undertaking service capability assessments, will be conducted. The following data will be used to conduct the service mapping and inform our methodology.

Across all sectors:

- Actor, service and infrastructure mapping for Dadaab Refugee Camps, Kenya REACH_KEN_Dadaab_Actorservice-and-infrastructure-mapping_DAP_April-2.pdf (impact-initiatives.org) will be used to inform the design of questions in the data collection plans.
- Infrastructure and service mapping of Samburu County, Kenya (REACH, 2019) will be used to inform the design of questions in the data collection plans.
- Mini DHS survey for Ethiopia (Demographic and Health Survey, 2019)
- Open street map and google maps

Health:

As a part of this assessment, health facilities will include government run health posts, health centers and primary hospitals. Relevant literature includes:

- HeRAMS Tigray Baseline Report operational status of the health system (WHO, 2023). This will be used to
 define health specific indicators and questions.
- Health facilities assessment tool (Advancing Communities and Partners, 2012). This will be used to define health specific indicators and questions. We will draw on existing indicators in this tool.
- Ministry of Health Ethiopia, Somali and Tigray regional health bureau 2020 data on health facilities
- Health and Health Related Indicators Survey for Ethiopia Ministry of Health Ethiopia (2020)

Water:

As a part of this assessment, water facilities will include public water facilities. Relevant literature includes:

- Multi-Agency Initial Rapid Assessment The drought situation in Dawa Zone Somali Region (2022)
- WHO and UNICEF. Core questions and indicators for monitoring WASH in health care facilities in the Sustainable Development Goals (2018)
- WHO and UNICEF. Core questions on water, sanitation and hygiene for household surveys: WHO/UNICEF Joint Monitoring Programme for Water Supply, Sanitation and Hygiene. (2006)
- Millenium Water Alliance. Service delivery models for universal, safe and sustainable water services in Ethiopia. (2019)
- Adank et al. Looking beyond headline indicators: water and sanitation services in small towns in Ethiopia. (2016)

Education:

As a part of this assessment, education facilities will include government run primary and secondary schools. Relevant literature includes:

• Ministry of Education for Ethiopia, Education Statistics Annual abstract (2021)

- Inter-Agency Network for Education in Emergencies, Ethiopia Minimum Standards for Education in Emergencies (2013)
- Inter-Agency Network for Education in Emergencies (INEE) minimum standards for Education: Preparedness, Response, Recovery (2010)

3.1 Primary Data Collection

Method

The data collection methods for this assessment are underpinned by the agreed outputs and deliverables from the funder, FCDO, and the proposed approach agreed to in the EC2R proposal. Notably, the methodological approach is informed by the following:

- Who: Ethiopian Red Cross will provide enumerators to conduct the data collection, with oversight from REACH Field Officer (FO), GIS Officer (GISO), and Database Assistant. In hard-to-reach areas, or where EC2R partners are not operating, REACH enumerators may be deployed, subject to funding considerations. There will be 2 day of training of trainers on the data collection tools to the ERC staff. The ERC staff will train ERC volunteers and staff, who will be supporting with data collection.
- How: Data collection will be undertaken by field teams using smart phones and tablets, using the KOBO collect
 platform. Data collectors will be trained by the REACH team ahead of the data collection exercise. Data
 collectors will visit the facilities and undertake direct observation of facility conditions and undertake key
 informant interviews to understand elements of service delivery such as services offered, staff capacity at
 facility, cost of services. GPS points will be collected for each facility and is a requirement in the tool. Each
 data collector will have a minimum number of facilities to cover. Data collectors will be assigned team leaders
 who will provide oversight on the data collection.

When: The timeframe for country wide data collection is to be confirmed pending discussions with the funder and Ethiopian Red Cross, our data collection partner. Primary data collection for the pilot phase in the Central zone in Tigray and Shabelle zone in the Somali region is due to start in February 2024, and finish in March 2023, taking approximately 6 weeks. Data collection will be a one-time activity for each facility. Data collection for the two target zones in the Somali and Tigray regions will be conducted simultaneously. Data collection timeframes for other regions in Ethiopia are still to be confirmed pending discussions with the funder.

 Where: This TOR reflect pilot phase data collection, which will take place in 2 zones, in 2 regions of Ethiopia. This will be in one zone Tigray and one zone in Somali region. Zones have been selected based on consultation with regional stakeholders and clusters, as well as based on presence of Ethiopian Red Cross teams. The project has funding to expand data collection to additional zones and regions of Ethiopia. A methodology note will be developed to reflect the expanded scope of the research when needed.

Sampling

This assessment will use a hybrid approach, using both a census and purposive sampling approach.

Census: We will assess all government-run health and nutrition and education facilities. Additionally, a snowballing technique will also be used to ensure a greater capture of the facilities in the assessed zones. Each KI interviewed at all the listed facilities will be asked if any other facilities exist which are not on the lists provided by the regional government departments or other partners.

Upon entering the facilities, data collectors will provide an overview of the research and show our federal and regional approval letters to the facility staff. We will indicate that we would like to speak with hospital and school administrative staff, who are usually available during normal working hours during the week. When seeking to speak with a KI for a water source, we will need to approach Woreda level governance structures to identify people working in the water bureau to help us answer some of our technical questions. Data collection per woreda is planned for 2 days. If staff at one facility are not available, we will inform them that we plan to come back the following day, and to ensure that a member of staff will be available then. Additionally, we will use local guides, which should help us to facilitate access to people at facilities.

Using a census approach, REACH will target:

- All health and nutrition facilities including hospitals, health centers and health posts
- All primary and secondary schools

Please note that only government run and managed facilities will be assessed, private facilities will not be assessed. This is because of the already large number of data points for publicly run facilities, and the time and budget constraints.

Purposive: A purposive sampling approach will be used to select certain water points. The proposed approach is as follows:

 REACH will select a sample of water points around the health and education facilities which will be assessed. These water facilities have been identified through existing GPS data on water facility location, and have been mapped against school and health centers. Whilst this is not fully representative, in light of the geographical constraints, and the large number of water points, this approach will allow for timely and cost-effective water point sampling.

Tools

- Facility mapping tool: REACH will map health and nutrition, education and water facilities which are available
 to residents in the Shabelle zone in Somali and the Central zone in Tigray region of Ethiopia during the pilot
 phase. A list of the facilities and/or locations from the regional ministries for health, education and water will
 be obtained during secondary data collection will be used as a starting point. GPS locations of facilities
 obtained from the secondary data will be loaded into MAPinr or Maps.me application whereby enumerators
 will navigate to and locate the facilities. The enumerators will also assist in locating facilities as they will be
 selected from their NGOs with a presence in the region, of which they have a good knowledge.
- Survey tool: The data collection tool will centre on the KOBO platform. REACH will develop a common quantitative data collection tool, to be hosted on a centralized KoBo server owned by REACH. All data must be uploaded to the REAC central KoBo server using one of two Android apps (KoBoCollect or ODKCollect) or, alternatively, using a link that can be filled out in one's internet browser. Enumerators using either Android app will be able to complete surveys without an internet connection and save them for later submission once they return from the field. Partner organizations are responsible for providing their enumerators with all necessary equipment (smartphone/tablet, laptop, internet connection) to enable them to undertake data collection. All partners participating in the initiative are asked to submit their data using this common KoBo tool unless circumstances prevent them from doing so, in which case an individualized plan can be worked out with each participating organization.
- The survey will provide a light in touch assessment of the selected infrastructure. Due to the scale of the work
 and the proposed census approach, a shorter and more comprehensive questionnaire tool is more suitable in
 Phase 2. Drawing on other capability assessment tools such as the HeRAMS and considering global
 overarching indicators for facility and service capability, a short form and context specific survey will be

developed. Different survey tools will be developed for the different sectors, health and nutrition, education and water.

Enumerators will complete the questionnaire about the physical infrastructure of facilities as well as the
services offered by each facility, to assess capability. They will engage key informants at health and nutrition,
education and water facilities, who will provide primary data on service provision. This will be done through
structured interviews collecting data on core indicators and quantitative measures in service delivery. In
addition, enumerators will assess the condition of the physical infrastructure through direct observations.
Overall, this will provide data about the variation in types of facilities and services offered at each, as well as
the number of facilities that are currently not capable.

Triangulation

• Review of data collected against data from other sources, for example, health data will be compared against HeRAMS findings.

3.2 Data Processing & Analysis

Data collected from infrastructure mapping using ODK tool will be uploaded daily onto the KOBO server and the Woreda and Kebele administrative boundaries reviewed to record daily progress. Daily quantitative data checks will be done at the end of the day by the Database Assistant once the field data collection teams have uploaded data in the server. Daily spatial verifications will be done by the GIS Officer who will only have access to the GPS points, facility types and names, to check that all areas have been covered. Daily data checks will also cover:

- GPS coordinates of entries collected in person (to check legitimacy of submitted data)
- Duration of surveys per entry (to check legitimacy of submitted data)
- Personally identifiable information will be removed after data cleaning to ensure only anonymized dataset is shared.
- Any illogic responses between different responses will be cleaned and in some cases, Key Informants will be re-contacted to follow up on answers, if data quality is poor and may compromise the data quality

The outcomes of the daily data quality checks will form a basis for debriefing the enumerators before further data collection the next day. Data will be uploaded and cleaned throughout the data collection period. Where necessary, KIIs will be contacted directly to ask for clarification on the datasets. All errors will be recorded in a cleaning log which will be shared upon request. The final clean dataset will be reviewed by IMPACT HQ before publication and sharing.

Data cleaning will be conducted in line with IMPACT's Data Cleaning Minimum Standards Checklist. All errors will be entered into a checking log, which will be shared to the field officer for enumerator clarification and follow up. Once data has been cleaned and anonymized, data analysis will follow using excel and R script. The final clean and analyzed dataset will be reviewed by IMPACT research design and data unit before publication and sharing. Factsheets will be produced for each zone and region by the Assessment Officer using Adobe InDesign. One capability map per sector (health and nutrition, education and water), per zone, will also be produced by the GIS Officer using ArcGIS Pro.

3.3 Limitations

The major limitations of the research are around the following matters:

• Logistics: the proposed census approach, whilst allowing for a comprehensive and accurate snapshot of the capability and capability of all services in each zone surveyed is a large undertaking. When considering the scope of facilities we intend to map and analyse, this presents possible limitations with regards to budget due the possible cost of such comprehensive data collection, and time limitations, as mapping all facilities can be a timely undertaking. We will work the Ethiopian Red Cross, who will support us in data collection to streamline these matters.

- **Partner availability:** this data collection relies on the ability of partners in the field, currently the Ethiopian Red Cross, to support us in data collection. Their staff capacity, availability and ability to carry out such comprehensive research will determine the timeframes of the work.
- Limited partner presence: relating to the above, in areas where the Ethiopian Red Cross do not have any
 operations or presence, and where they may not be willing to travel to for data collection, data collection may
 be left out. Either REACH needs to secure funding and the resources to collect data in such areas, or the
 scope of the research will be limited.
- **Secondary data:** secondary data on facilities location, coverage and capability in Ethiopia to date has been limited. This has made baseline assessments and tool development challenging.

4. Key ethical considerations and related risks

The proposed research design meets / does not meet the following criteria:

The proposed research design	Y/N	Details if no (including mitigation)
Has been coordinated with relevant stakeholders to avoid unnecessary duplication of data collection efforts?	Yes	Whilst there has been coordination with stakeholders, there is potential for overlap with the ongoing HeRAMS surveys. Following discussions with the health cluster, we have updated our approach to be more complimentary and avoid duplication.
Respects respondents, their rights and dignity (by: seeking informed consent, designing length of survey while being considerate of participants' time, ensuring accurate reporting of information provided)?	Yes	
Does not expose data collectors to any risks as a result of participation in data collection?	Yes	
Does not expose respondents / their communities to any risks as a direct result of participation in data collection?	Yes	
Does not involve collecting information on specific topics which may be stressful and/ or re-traumatising for research participants (both respondents and data collectors)?	Yes	
Does not involve data collection with minors i.e. anyone less than 18 years old?	Yes	
Does not involve data collection with other vulnerable groups e.g. persons with disabilities, victims/ survivors of protection incidents, etc.?	Yes	

Follows IMPACT SOPs for management of personally identifiable information?	Yes	We would like to collect some personally identifiable information in case of need for follow up with KIs. We will ensure to collect consent from KIIs and delete all personally identifiable information 2 weeks after the data collection phase, allowing for some time for follow up with KIs, if needed.
--	-----	---

5. Roles and responsibilities

Description of roles and responsibilities

Task Description	Responsible	Accountable	Consulted	Informed
Research design	REACH Senior Assessment Officer (SAO)	REACH Research Manager (RM)	REACH HQ, EC2R partners especially Ethiopian Red Cross (ERC), and relevant clusters	EC2R partners and relevant clusters (WASH, health and education)
Supervising data collection	REACH and ERC under EC2R	ERC, REACH	REACH Field Officer, AO, ERC	REACH CRM
Data processing (checking, cleaning)	REACH Database Officer (DBO)	REACH SAO, RM	REACH RM, ERC for any specific data follow up	EC2R partners and relevant clusters (WASH, health and education)
Data analysis	REACH DBO	REACH SAO, RM	REACH HQ, SRM	EC2R partners and relevant clusters (WASH, health and education)
Output production	REACH SAO, REACH RM	REACH SAO, RM	REACH HQ, RM	EC2R partners and relevant clusters (WASH, health and education)
Dissemination	REACH SAO	REACH RM	EC2R partners and relevant clusters (WASH, health and education)	REACH HQ
Monitoring & evaluation	REACH SAO	REACH SAO, RM	EC2R partners and relevant clusters (WASH, health and education)	REACH HQ, CRM
Lessons learned	REACH SAO	REACH SAO, RM	EC2R partners and relevant clusters (WASH, health and education)	REACH HQ, CRM

Responsible: the person(s) who executes the task, **Accountable:** the person who validates the completion of the task and is accountable of the final output or milestone, **Consulted:** the person(s) who must be consulted when the task is implemented, **Informed:** the person(s) who need to be informed when the task is completed

6. Data Analysis Plan

Data analysis plans (DAPs) for the health and nutrition, education and water surveys are below. These are also available in excel format.

Health DAP

Researc h Questio n	IN #	Data collecti on method	Indicator group/se ctor	Questionnaire Question	Instruct ions	Question Reponses	Restric tions
Basic info	ormati	on				I	
N/A	1.1	Insert text	Basic informatio n	Data collector name, survey date and start time, other standard questions			
	1.2	KII or direct observat ion	Location	In which region is the assessment being conducted?	Select one	List all regions	
	1.2 .1	KII or direct observat ion	Location	In which zone is the assessment being conducted?	Select one	List all zones per region	
	1.2 .2	KII or direct observat ion	Location	In which Woreda is the assessment being conducted?	Select one	List all woredas per zone	
	1.2 .3	KII or direct observat ion	Location	In which Kebele is the assessment being conducted?	Select one	List all kebeles per woreda	
	1.3	KI interview	% of health facility where a key informant was available	Is there a Key informant available to respond to the interview?	Select one	Yes, No	If no, then ask enumer ators to collect GPS coordin ates of facility

								and end survey.
	1.4	KI interview	Position of the key informant	What is the position of the key informant?	Select one	Doctor in Nurse in Health Laboratory Administrative Other	charge charge officer technician worker	
	1.5	KI interview	Key informant personal details	Do you consent to provide us with your contact details, in case of need for further follow up after this survey?	Select one	Yes, No		
	1.5 .1	KI interview	Key informant personal details	Please provide us with your phone number	Enter number			Only answer if 1.5 is yes. This is not a mandat ory field Restrict ion: must be 10 digits
Facility de	etails		1		1			1
What key infrastruc tures in health, WASH	2.1	KII or direct observat ion	Facility details	What is the name of the facility?	Enter text			
and educatio n are available in	2.2	KI interview	Facility type	What is the type of health facility?	Select one	Specialised Referral General Primary Health Health	hospital hospital hospital hospital centre	

Ethiopia,

are they

located?

2.3

KI

interview

Facility

type

Is this health post

supported by a health

center or hospital?

and where Health

Yes, No.

Select

one

Other (please specify)

post

Only

if

answer

2.2

	2.3 .1	KI interview	Facility type	If yes, please provide us with the name of the health center or hospital that supports	Enter text		selectio n is 3 Only answer if 2.3 is yes
	2.4	KI interview	Facility ownershi p	this health post Who owns and manages this health facility?	Select one	Privately managed Government managed Non for profit managed (if non for profit, please specify which organisation)	If answer is private, end survey
Facility se	ervice	delivery	<u> </u>	<u> </u>		I	
Which health and nutrition services are provided at this facility?	3.1	KI interview	% of health facilities offering services at the time of data collection.	Currently, are there any services being offered in this health facility?	Select one	Yes No Other (please specify)	
	3.2	KI interview	Top reported reasons for health facilities not offering services	Why are there no services being offered at this health facility?	Select one or multiple	The structures (Buildings, furniture etc) are damaged The facility is under construction There are not enough personnel to offer services There is no adequate medical equipment to offer services There are no medicines to offer services Security issues or ongoing conflict Other (specify)	

		1				
3.3	KI	Тор	Which health	Select	In patient services	
	interview	reported	services are	one or	Out patient services	
		services	available at this	multiple	Surgery	
		offered at	facility?		Pharmacy	
		health			Paediatric services	
		facilities			Vaccination services	
					Maternal health services,	
					deliveries	
					Maternal health services,	
					prenatal and antenatal	
					services	
					Family planning services	
					TB treatment	
					HIV/AIDS treatment	
					Malaria treatment	
					Cholera treatment	
					Psychiatric and psychosocial	
					services	
					Physical disability services	
					Non communicable diseases	
					(diabetes, asthma,	
					hypertension)	
					Other (please specify)	
3.4	KI	Nutrition	Which nutrition	Select	Nutrition assessment and	
	interview	services	services are offered	one or	growth monitoring	
	interview	services offered	services are offered at this health facility?		Nutrition education and	
	interview			one or	Nutrition education and counselling	
	interview			one or	Nutrition education and counselling Nutrition in pregnancy services	
	interview			one or	Nutrition education and counselling	
	interview			one or	Nutrition education and counselling Nutrition in pregnancy services	
	interview			one or	Nutrition education and counselling Nutrition in pregnancy services Age specefic nutrition services	
		offered	at this health facility?	one or multiple	Nutrition education and counselling Nutrition in pregnancy services Age specefic nutrition services No nutrition services offered Other (please specificy)	
3.5	KI	offered	at this health facility? On which days of the	one or multiple Select	Nutrition education and counselling Nutrition in pregnancy services Age specefic nutrition services No nutrition services offered Other (please specificy) Monday	
3.5		offered Number of days in	at this health facility? On which days of the week does this facility	one or multiple Select one or	Nutrition education and counselling Nutrition in pregnancy services Age specefic nutrition services No nutrition services offered Other (please specificy) Monday Tuesday	
3.5	KI	offered Number of days in a week	at this health facility? On which days of the	one or multiple Select	Nutrition education and counselling Nutrition in pregnancy services Age specefic nutrition services No nutrition services offered Other (please specificy) Monday Tuesday Wednesday	
3.5	KI	offered Number of days in a week when the	at this health facility? On which days of the week does this facility	one or multiple Select one or	Nutrition education and counselling Nutrition in pregnancy services Age specefic nutrition services No nutrition services offered Other (please specificy) Monday Tuesday Wednesday Thursday	
3.5	KI	offered Number of days in a week	at this health facility? On which days of the week does this facility	one or multiple Select one or	Nutrition education and counselling Nutrition in pregnancy services Age specefic nutrition services No nutrition services offered Other (please specificy) Monday Tuesday Wednesday	
3.5	KI	offered Number of days in a week when the	at this health facility? On which days of the week does this facility	one or multiple Select one or	Nutrition education and counselling Nutrition in pregnancy services Age specefic nutrition services No nutrition services offered Other (please specificy) Monday Tuesday Wednesday Thursday	
3.5	KI	offered Number of days in a week when the health	at this health facility? On which days of the week does this facility	one or multiple Select one or	Nutrition education and counselling Nutrition in pregnancy services Age specefic nutrition services No nutrition services offered Other (please specificy) Monday Tuesday Wednesday Thursday Friday	
3.5	KI	offered Number of days in a week when the health facility	at this health facility? On which days of the week does this facility	one or multiple Select one or	Nutrition education and counselling Nutrition in pregnancy services Age specefic nutrition services No nutrition services offered Other (please specificy) Monday Tuesday Wednesday Thursday Friday Saturday	
3.5	KI	offered Number of days in a week when the health facility reportedly	at this health facility? On which days of the week does this facility	one or multiple Select one or	Nutrition education and counselling Nutrition in pregnancy services Age specefic nutrition services No nutrition services offered Other (please specificy) Monday Tuesday Wednesday Thursday Friday Saturday Sunday	
	KI interview	offered Number of days in a week when the health facility reportedly offers services	at this health facility? On which days of the week does this facility offer services?	one or multiple Select one or multiple	Nutrition education and counselling Nutrition in pregnancy services Age specefic nutrition services No nutrition services offered Other (please specificy) Monday Tuesday Wednesday Thursday Friday Saturday Sunday I do not know	
3.5	KI interview KI	offered Number of days in a week when the health facility reportedly offers services Hours of	at this health facility? On which days of the week does this facility offer services? At what times does	one or multiple Select one or multiple Select	NutritioneducationandcounsellingNutrition in pregnancy servicesAge specefic nutrition servicesNoNonutrition services offeredOther (please specificy)MondayTuesdayWednesdayThursdayFridaySaturdaySundayI do not know	
	KI interview	offered Number of days in a week when the health facility reportedly offers services	at this health facility? On which days of the week does this facility offer services? At what times does this health facility	one or multiple Select one or multiple	NutritioneducationandcounsellingNutrition in pregnancy servicesAge specefic nutrition servicesNo nutrition services offeredOther (please specificy)MondayTuesdayWednesdayThursdayFridaySaturdaySundayI do not knowDuringthedayAtnight	
	KI interview KI	offered Number of days in a week when the health facility reportedly offers services Hours of	at this health facility? On which days of the week does this facility offer services? At what times does	one or multiple Select one or multiple Select	Nutritioneducationandcounsellingnutrition in pregnancy servicesAge specefic nutrition services offeredOther (please specificy)MondayTuesdayWednesdayThursdayFridaySaturdaySundayI do not knowDuringthedayAtDuringdayandnightDuringday	
	KI interview KI	offered Number of days in a week when the health facility reportedly offers services Hours of	at this health facility? On which days of the week does this facility offer services? At what times does this health facility	one or multiple Select one or multiple Select	NutritioneducationandcounsellingNutrition in pregnancy servicesAge specefic nutrition servicesNo nutrition services offeredOther (please specificy)MondayTuesdayWednesdayThursdayFridaySaturdaySundayI do not knowDuringthedayAtnight	

Service Capability Assessment, October 2023

Affordabil	3.7 ity	KI interview	Functiona lity	What are the main challenges that this facility is facing to function properly?	Select one or multiple	Lack of equipment Lack of personnel Lack of medicine Damaged infrastructure Water supply Electricity supply None	
What is the affordabil ity of services offered in this facility?	4.1	KI interview	% of health facilities where communit y members are charged for services offered.	Are community members charged to access services (including consultations, procedures and medicines) offered at this health facility, or are they accessing services using community based health insurance?	Select one	All households are accessing services through community based health insurance Community based health insurance in place, unsubscribed households charged for services All households charged for access to services No charges for services, and no insurance in place Don't know	
Accessibi What if any, are the accessibi lity barriers to the key infrastruc	lity 5.1	KI interview	% of service users who travel from a different Kebele/W oreda to access	Do people outside this Woreda and/or Kebele come here to access health services?	Select one and enter text	Yes No	
ture?	5.1 .2	KI interview	health facility Location of service users who travel to access health facility	What proportion of the people accessing services at this health facility have travelled from outside the Kebele to access services?	Select one	Less than 10% 10-25% 25%-50% More than 50%	Only ask if 5.1 is yes. Only ask if answer to 2.2 is Primary hospital

	5.2	Direct observat ion	Physical accessibil ity infrastruct	Is there any observable equipment/ infrastructure aimed	Observa tion. Inset text	Insert text	, Health centre or Health post
			ure	to facilitate access to people with physical disabilities			
Facility hu	iman	resource av	vailability				
What is the number of each type of the health workers available at the health facility?	6.1	KI interview	Type and number of staff working at health facility	Which health workers are providing care at this facility on a regular basis?	Select one or multiple	GeneralPractitionerDoctorNursesMidwivesHealthExtensionWorkedHealthExtensionWorked(HEW)ClinicalpharmacistPharmacisttechnicianNutritionistMedicallabratoryHealthinformationHealthinformationCher (please specify)	
What is the number of each type of the health workers available at the health facility?	6.2	KI interview	Type and number of staff working at health facility	How many of each health worker is providing care?	Integer	Insert number for the type of health worker	

Service Capability Assessment, October 2023

How	6.3	KI	Type and	Which health workers	Select	General Practitioner Doctor
many health workers should be working in the facility?	0.0	interview	number of staff working at health facility	should be providing care at this facility on a regular basis? Note to data collectors: this question is different to the previous question. It asks how many health workers should be at the facility, according to staffing guidelines for this facilty.	one or multiple	Nurses Midwives Health Officers Health Extension Worked (HEW) Clinical pharmacist Pharmacist technician Nutritionist Medical labratory technician Health information technician Other (please specify)
How many health workers should be working in the facility?	6.4	KI interview	Type and number of staff that should be working at the facility	How many of each health worker should be providing care?	Integer	Insert number for the type of health worker
Facility inf	frastr	ucture				
	7.1	KI interview	Types of reported power at health facility	What is the main supply of power at the facility?	Select one	Solar Wind Generator National power grid Don't know
	7.2	KI interview	% of health facilities having supply of power/lig hting	Is the power source functional? Note for data collectors: functional power is a source of power that means that electricty is available during the entire day, is safe and does not fluctuate of short ciricuit)	Select one	Yes No Don't know

 				1	1	
7.3	KI interview	Types of reported water provision at health facility	What is the main supply of water available in this health facility? Note for data collector: If there is more than one source, the one used most frequently for drinking water should be selected. If children need to bring water from home because water is not provided by the school, "no water source" should be selected. "	Select one	Tap Borehole Vendor Water trucking Harvested rainwater Dam Other	
7.4	KI interview	% of health facilities having a supply of water	Is water from the main source currently available? Note to data collector: Note for data collector: To be considered available, water should be available at the health facility at the time of the survey or questionnaire, either from the main source directly or stored water originally from the main source.	Select one	Yes No Don't know	
7.5	KI interview	Water supply sufficient	Is the supply of water in this facility sufficient to support the facilty?	Select one	Yes No Don't know	
7.6	KI interview	Most commonl y reported type of latrine	What type of latrine/toilets are at the health facility?	Select one	Flush / Pour-flush toilets Pit latrines with slab Composting toilets Pit latrines without slab Hanging latrines	

						Bucket latrines No toilets or latrines	
What WASH facilities are available ?	7.7	KI interview	Latrine functionali ty	How many toilets / latrines are currently usable ? Note for data colletor: Toilets/latrines are available to health facility users (doors are unlocked or a key is available at all times), functional (the toilet is not broken, the toilet hole is not blocked, and water is available for flush/pour-flush toilets), and private (there are closable doors that lock from the inside and no large gaps in the structure) on the day of the survey or questionnaire	Number	0 to 100	Skip if answer above is No toilets or latrines
	7.8	KI interview	Latrine functionali ty	Are latrines seperate for men and women	Select one	Yes No Don't know	Skip if answer above is No toilets or latrines
	7.9	KI interview	Hand washing facilities	Are there functioning handwashing facilities at the school? Note for data collector: A handwashing facility is any device or infrastructure that	Select one	Yes No Dont know	

				enables people to wash their hands effectively using running water, such as a sink with tap, water tank with tap, bucket with tap, tippy tap, or other similar device. Note: a shared bucket used for dipping hands is not considered an effective hand washing facility			
	7.1	KI interview	Hand washing facilities	Do hand washing facilities have soap and water? Note for data collector: Both water and soap are available at the handwashing facilities for men and women on the day of the questionnaire or survey. Soapy water (a prepared solution of detergent suspended in water) can be considered as an alternative for soap, but not for water, as non-soapy water is needed for rinsing. Note: ash or mud may be	Select one	Yes, with only Yes, only water	soap
What is the building condition of the key	7.1	KI interview	% of health facilities with reported damaged	available for hand cleansing but is not an acceptable alternative to soap Currently, are there any structures in this health facility that are damaged?	Select one	Yes No Don't know	

infrastruc			structures				
ture?			at the				
			time of				
			data				
			collection.				
	7.1	KI	Тор	Which structures are	Select	Doors	Only
	2	interview	reported	partially or fully	one or	Windows	ask if
			structures	damaged?	multiple	Floors	answer
			that are			Roofs	to 7.7 is
			damaged			Walls	Yes
						All structures are totally	
						damaged	
						Other (specify)	
							. .
	7.1	KI	Level of	If health facility is	Select	Usable but needs repair	Only
	3	interview	damage	damaged, what is the	one	Not usable and needs repair	ask if
			to	extent of the		Usable and no need for repair	answer
			infrastruct	damage?		Completely destroyed, facility	to 7.7 is
			ure			non functional	Yes
GPS data	collec	ction					
N/A	8	GPS	Location	Please collect the	Select		
		data	of	GPS location of the	GPS		
		point	infrastruct	infrastructure	location		
			ure				
			ure				

Education DAP

Resear ch questi ons	I N #	Data colle ction meth od	Indica tor group / sector	Indicator / Variable	Questionnai re Question	Instru ctions	Question naire answers	Colle ction level	Sam plin g	Disagg regatio n variabl e	Restr iction s
N/A	N / A	N/A	Key charac teristic s	Enumerat or ID	Enumerator ID	Enter name		Indivi dual	Purp osiv e	ID	
	N / A	KI Interv iew	Key charac teristic s	Date	Date of data collection	Enter date		Instit ution level	Purp osiv e	Date	

N / A	Obse rvatio n	School inform ation	Region	In which region does the interview	Select one	Region list	Instit ution al	Purp osiv e	Region	
N	Obse	School	zone	take place?	Select	zone list	Instit	Purp	Zone	
/ A	rvatio n	inform ation	20110	zone does the interview take place?	one	20110 1131	ution al	osiv e	Lone	
N / A	Obse rvatio n	School inform ation	woreda	In which woreda does the interview take place?	Select one	woreda list	Instit ution al	Purp osiv e	Woreda	
N / A	Obse rvatio n	School inform ation	Kebele	In which kebele does the interview take place?	Select one	kebele list	Instit ution al	Purp osiv e	Kebel	
N / A	Obse rvatio n	School inform ation	Location coordinate s	Location coordinates	GPS		Instit ution al	Purp osiv e	GPS	
N / A	KI Interv iew	Key charac teristic s	Key Informant Availability	Is there a Key informant available to respond to the interview?	Select	Select one	Indivi dual	Purp osiv e	Yes/No	
N / A	KI interv iew	Key inform ant person al details	Key informant consent for personal details	Do you consent to provide us with your contact details, in case of need for further follow up after this survey?	Select	Yes No	Instit ution level	Purp osiv e	Gender	
N / A	KI interv iew	Key inform ant person al details	Key informant personal details	Please provide us with your phone number	Enter numbe r		Instit ution level	Purp osiv e	Gender	

	N / A	KI Interv iew	Key charac teristic s	Key Informant profile	What is the key informant's position in the infrastructure being assessed?	select_ one	☐ School director ☐ Teacher ☐ Admin staff ☐ technical /support staff ☐ other ☐ other ☐ Don't want to answer	Instit ution level	Purp osiv e	Positio n	
1. What key infrastr				Enrollme nt and Drop Out							
ucture s in health and nutritio n, WASH and	1.	KI Interv iew	School inform ation	School facility	Is this school a public or private school?	select_ one	Public, private	Instit ution al	Purp osiv e	Public or private	If privat e select ed, end surve y.
educat ion are availab le in Ethiopi	1. 2	KI Interv iew	School inform ation	Name of the education facility	What is the name of the school?	text		Instit ution al	Purp osiv e	Name	
a, and where are they locate d?	1. 3	KI Interv iew	School inform ation	Education grades	What is the learning level of this school?	select_ one	Primary, secondary . Pre- school Primary Post- primary/Mi ddle Secondar y	Instit ution al	Purp osiv e	Proporti on Level of educati on	
	1. 4	KI Interv iew	Enroll ment	Boys enrolled to attend education facility for	How many boys are enrolled to attend this school for the	Integer		Instit ution al	Purp osiv e	Numbe r	

			the current school year	current school year?						
1. 5	KI Interv iew	Enroll ment	Girls enrolled to attend education facility for the current school year	How many girls are enrolled to attend this school for the current school year?	Integer		Instit ution al	Purp osiv e	Numbe r	
1. 6	KI Interv iew	Enroll ment	Children enrolled to attend education facility for the current education facility year	How many children are enrolled to attend this school for the current school year?	Integer	Autofil based on the total number of boys and girls enrolled	Instit ution al	Purp osiv e	Numbe r	
1. 7	KI Interv iew	Attend ance	Regular attendanc e to school	How many boys and girls are attending school on the day of data collection?	Integer		Instit ution al	Purp osiv e	Numbe r	Note, this canno t be more than the total numb er of childr en enroll ed at the schoo I
1. 8	KI Interv iew	Enroll ment	Children enrolled with IDP status	How many children enrolled to attend this school are internally displaced	Integer		Instit ution al	Purp osiv e	IDP status	

				-					
1.	KI	school	Boys drop	How many	Integer	Instit	Purp	Gender	
9	Interv	drop	out rate	boys, if any,		ution	osiv		
	iew	out		dropped out		al	е		
				of school in					
				the current					
				school year?					
				Dropped out					
				= child					
				attended					
				school at the					
				beginning of					
				the year (or					
				end of the					
				previous					
				-					
				school year)					
				but stopped					
				attending at					
				some point					
				since then					
1.	KI	school	Girls drop	How many	Integer	Instit	Purp	Gender	
1	Interv	drop	out rate	girls, if any,	integer	ution	osiv	Gender	
1	iew	out	ourraic	dropped out		al	e		
	1011	out		of school in		ai	C		
				the current					
				me current					
				school year?					
				school year? Dropped out					
				school year? Dropped out = child					
				school year? Dropped out = child attended					
				school year? Dropped out = child attended school at the					
				school year? Dropped out = child attended school at the beginning of					
				school year? Dropped out = child attended school at the beginning of the year (or					
				school year? Dropped out = child attended school at the beginning of the year (or end of the					
				school year? Dropped out = child attended school at the beginning of the year (or end of the previous					
				school year? Dropped out = child attended school at the beginning of the year (or end of the previous school year)					
				school year? Dropped out = child attended school at the beginning of the year (or end of the previous school year) but stopped					
				school year? Dropped out = child attended school at the beginning of the year (or end of the previous school year)					
				school year? Dropped out = child attended school at the beginning of the year (or end of the previous school year) but stopped					
				school year? Dropped out = child attended school at the beginning of the year (or end of the previous school year) but stopped attending at					

1.	KI	school	Most	What were	select_	Fees	Instit	Purp	Gender	only
1. 1	Interv	drop	commonly	the most	multipl	and/or	ution	osiv	Gender	ask if
1	iew	out	reported	common	e	cost of	al	e		boys
'	1011	out	reasons	reasons for		materials	u			drop
			for school	boys		Parents				out >
			drop out	-		don't				0
			for boys	of this		value				U
			101 0095	school?		education				
				501001?		Parents				
						don't				
						approve of				
						curriculum				
						Distance				
						to school				
						too far /				
						lack				
						transporta				
						tion				
						Insecurity				
						on the way				
						to school				
						or in the				
						area (real				
						or				
						perceived)				
						Child				
						helping at				
						home /				
						farm				
						Child				
						working				
						outside				
						home				
						Children				
						psycholog				
						ically				
						distressed				
						Displacem				
						ent due to				
						conflict				
						Children				
						lack				
						document				
						ation				
						needed to				
						register				
						Flooding /				
						weather				
		1		1	1			I		1

events	
Children	
join/recruit	
ed by	
armed	
groups	
Marriage	
and/or	
pregnancy	
issues	
Poor	
school	
infrastruct	
ure/faciliti	
es	
Lack of	
qualified	
teaching staff	
t WASH	
facilities in	
schools	
Lack of	
male /	
female	
separation	
Other	
(specify)	
Not sure	
1. KI school Most What were select Fees Instit Purp Gene	er only
1 Interv drop commonly the most multipl and/or ution osiv	ask if
1 iew out reported common e cost of al e	girls
reasons for materials	drop
for school girls Parents	out >
drop out dropping out don't	0
for girls of this value	
school? education	
Parents	
don't	
approve of	
Distance	
to school	
too far /	
lack transporta	

tion
Insecurity
on the way
to school
or in the
area (real
or
perceived)
Child
helping at
home /
farm
Child
working
outside
home
Children
psycholog
ically
distressed
Displacem
ent due to
conflict
Children
lack
document
ation
needed to
register
Flooding /
weather
events
Children
join/recruit
ed by
armed
groups
Marriage
and/or
pregnancy
Language
issues
Poor
school
infrastruct
ure/faciliti
es
Lack of

What				School			qualified teaching staff Insufficien t WASH facilities in schools Lack of male / female separation Other (specify) Not sure				
is the level and type of service provid ed by the key infrastr ucture ?	2.	KI Interv iew	school servic es	services % of children with adequate learning materials	How many children in the school have adequate learning materials (pens, notebooks, pencils)?	select_ one	None or almost none Around a quarter Around half Around three quarters All or almost all Not sure	Instit ution al	Purp osiv e	Proporti on	
	2. 2	KI Interv iew	school servic es	% of education facilities with psychosoc ial support programs	Does this school have specialised staff or programmes available for children needing psychosocial support, social emotional learning, or	select_ one	Yes No Not sure	Instit ution al	Purp osiv e	Yes/No	

				other counselling?						
2. 3	KI Interv iew	Users out of the kebele	% of education facilities which enrol children who travel from a different Kebele	Do children outside this kebele come here to access the school services?	select_ one	Yes No	Instit ution level	Purp osiv e	Yes/No	
2. 4	KI Interv iew	Users out of the kebele	Kebele of service users who travel to access education facilities	If yes, From which kebele do people come to access services?	Select multipl e	kebele list	Instit ution level	Purp osiv e	Woreda	
			Teachers informati on							
3. 1	KI Interv iew	Teach ers inform ation	Total male teachers	How many male teachers are currently working in this school?	integer		Instit ution al	Purp osiv e	Gender	
3. 2	KI Interv iew	Teach ers inform ation	Total female teachers	How many female teachers are currently working in this school?	integer		Instit ution al	Purp osiv e	Gender	In the KOB O: add flag that male + femal e teach ers must equal total

								other wise edit
3. KI 3 Inte iew	Total no of teachers	How many teachers are currently working in this school?	integer	Autofil based on the total number of male and female teachers	Instit ution al	Purp osiv e	Numbe r	
3. KI 4 Inte iew	Regularity of teachers' salary payment	Are teachers regularly paid on time?	select_ one	Always or almost always Sometime s paid on time, sometime s not No salary or salary is always late (3 months or more delay) Not sure	Instit ution al	Purp osiv e	Proporti on	
3. KI 5 Inte iew	Trainign needs	Which trainings do teachers in this school need to take?	select_ multipl e	Psychoso cial First Aid (PFA) Training for accelerate d teaching / 'catch up' program Life skills Classroo m managem ent MHPSS Referral mechanis m Hygiene Promotion	Instit ution al	Purp osiv e	Purposi ve	

· · · · · · · · · · · · · · · · · · ·	
	Child
	Protection
	in
	Emergenc
	ies
	Child
	Rights
	Cholera
	Mitigation
	Measures
	(CMM)
	Conflict
	Disaster
	Risk
	Reduction
	(CDRR)
	Gender
	Based
	Violence
	(GBV)
	Life Skills
	and Mine
	Risk
	Education
	Pedagogy
	Positive
	Discipline
	School
	Safety
	Plan and
	Managem
	ent and
	Child
	Protection
	Child
	Centered
	Methodolo
	gy Fortu
	Early
	Child Care
	Developm
	ent
	(ECCD)
	concepts
	None
	Not sure
	other
	(specify)

0 14/1 (0.6.4		-					
3. What				Safety							
if any,				and							
are the				security							
gaps in service capabili ty of the key infrastr ucture?	4. 1	KI Interv iew	school closur e	% of education facilities that experienc ed an unplanned school closure in	Has the school stopped functioning at any time in the current school year other than for the normal	select_ one	Yes No Don't know	Instit ution al	Purp osiv e	Yes/No	
				the current school year	school holiday?						
	4. 2	KI Interv iew	school closur e	Most commonly reported reasons for unintende d school closure in the current school year	If yes, what was the main reason for the school not functioning?	select_ one	Closed due to natural disaster Closed due to insecurity/ conflict Closed due to lack of resources Other (specify)	Instit ution al	Purp osiv e	Reason s	
	4. 3	KI Interv iew	school closur e	Average closure time of education facilities in the current year	If yes, how many weeks was the school closed for in the current school year?	Integer		Instit ution al	Purp osiv e	Numbe r	
	4. 4	KI Interv iew	school closur e	Safety risks for children in area	Do children face safety risks in the area?	select_ one	Yes No Don't know	Instit ution al	Purp osiv e	Yes/No	

4.	KI	safety	Most	What are the	select	No risks	Instit	Purp	Reason	Only
4.5	KI Interv iew	saiety	Most commonly reported safety risks for children (around education facilities)	vinat are the top three safety risks for children in the area, if any? (Select up to 3)	e	No risks (cannot be selected with other options) Unexplod ed ordnance, mines Presence of armed groups/mil itia/militar y Natural disasters or hazards Abduction Being caught in conflict/ins ecurity Other (please specify in next question)	Instit ution al	Purp osiv e	Reason S	Only as if previo ius quetst ion is yes
4.	KI	safety	Safety	Do children	select_	Yes	Instit	Purp	Yes/No	
6	Interv iew		rirsks for children in school	face safety risks in the school?	one	No Don't know	ution al	osiv e		
4. 7	KI Interv iew	safety	Most commonly reported safety risks for children (inside education facilities)	What are the top three safety issues that children face (inside the schools)? (Select up to 3)	select_ multipl e	No risks (cannot be selected with other options) Physical punishme nt from teachers Harassme nt at school Unexplod ed ordnance, mines in	Instit ution al	Purp osiv e	Reason s	Only as if previo ius quetst ion is yes

4.				School			the school Presence of armed groups/mil itia/militar y In, around or at the school gate Schools being robbed / looted Schools attacks Unsafe infrastruct ure at schools Other (please specify in next question)				
is the				ture							
buildin g	5.	KI	infrastr	Number of	How many	Integer	Functionin	Instit	Purp	Numbe	
9 conditi	1	Interv	ucture	classroom	total		g (insert	ution	osiv	r	
on of		iew		S	classrooms		number)	al	е		
the key					are there at this school		Non functionin				
infrastr ucture					(functioning		g (insert				
?					and non		number)				
					functioning)						
					Note for data						
					collectors: functioning						
					classrooms						
					are used for						
					lessons, and non						
					functioning						
					classrooms cannot be						

				used for lessons						
5. 2	KI Interv iew	infrastr ucture	types of classroom s at the education facility	How many of the {X} functioning classrooms are tents, temporary structures or semi- permanent classrooms?	select_ multipl e and integre r	Permanen t (insert number) Semi- permanen t (insert number) Tents (insert number) Classes are given in the open Specify if other	Instit ution al	Purp osiv e	Numbe r	
5. 3	KI Interv iew and direct obser vatio n	<i>infrastr</i> <i>ucture</i>	% of education facilities with damaged structures	Are there damages to the buildings in the school?	select_ one	Yes No Not sure	Instit ution al	Purp osiv e	Yes/No	Only ask if answ er to previo us questi on is perm anent , semi perm anent or other. Skip for tents or the open.

5.	KI	infrastr	Most	lf damaged,	select_	Roof	Instit	Purp	structur	
4	Interv iew	ucture	commonly reported structures that are damaged	what parts of the structure are affected?	e	Walls Doors and/or windows Fixtures (electric, gas, water pipe) Foundatio ns Other (specify) Not sure	ution al	e	e	
5.5	KI Interv iew	<i>infrastr</i> <i>ucture</i>	Main source of drinking water at the education facility	What is the main source of drinking water provided by the school? (check one - most frequently used) Note for data collector: If there is more than one source, the one used most frequently for drinking water should be selected. If children need to bring water from home because water is not provided by the school, "no water source"	select_ one	Piped water supply Protected well/sprin g Rainwater Unprotect ed well/sprin g Packaged bottled water Tanker- truck or cart Surface water (lake, river, stream) No water source	Instit ution al	Purp osiv e	Source	

				should be selected. "						
5. 6	KI Interv iew and direct obser vatio n	infrastr ucture	Water source available	Is drinking water from the main source currently available at the school? Note for data collector: To be considered available, water should be available at the school at the time of the survey or questionnair e, either from the main source directly or stored water originally from the main source.	Select _one	Yes No Don't know	Instit ution al	Purp osiv e	Source	
5. 7	KI Interv iew	infrastr ucture	Most commonly reported types of latrine at the education facility	What type of student toilets/latrine s are at the school? (check one - most common)	select_ one	Flush / Pour-flush toilets Pit latrines with slab Composti ng toilets Pit latrines without slab Hanging latrines	Instit ution al	Purp osiv e	Туре	lf above questi on is 0 then skip

						Bucket				
						latrines				
						No toilets				
						or latrines				
_					• •	0 / / 00		_		
5.	KI	infrastr	Latrines at	How many	integer	0 to 100	Instit	Purp	Numbe	
8	Interv	ucture	school	student			ution	osiv	r	
	iew			toilets /			al	е		
	and			latrines are						
	direct			currently						
	obser			usable ?						
	vatio									
	n			Note for data						
				colletor:						
				Toilets/latrin						
				es are						
				available to						
				students						
				(doors are						
				unlocked or a						
				key is						
				available at						
				all times),						
				functional						
				(the toilet is						
				not broken,						
				the toilet hole						
				is not						
				blocked, and						
				water is						
				available for						
				flush/pour-						
				flush toilets),						
				and private						
				(there are						
				closable						
				doors that						
				lock from the						
				inside and no						
				large gaps in						
				the structure)						
				on the day of						
				the survey or						
				questionnair						
				е						

5. 9	KI Interv iew	infrastr ucture	% of education facilities having latrines segregate d by gender	Are the toilets/latrine s separate for girls and boys?	select_ one	Yes No	Instit ution al	Purp osiv e	Gender	
5. 1 0	KI Interv iew	infrastr ucture	% of education facilities that have functionin g handwashi ng facilities at the education facility	Are there functioning handwashin g facilities at the school? Note for data collector: A handwashin g facility is any device or infrastructure that enables students to wash their hands effectively using running water, such as a sink with tap, water tank with tap, bucket with tap, tippy tap, or other similar device. Note: a shared bucket used for dipping hands is not considered an effective hand washing facility	select_ one	Yes No Dont know	Instit ution al	Purp osiv e	Yes/No	

5.	KI	infrastr	Hand	Do hand	aalaat	Voo with	Instit	Durn	1/00	Only
					select_	Yes, with		Purp	yoe	Only
1	Interv	ucture	washing	washing	one	only soap	ution	osiv		as if
1	iew		facilities	facilities		Yes, only	al	е		previo
			with soap	have soap		water				ius
			and water	and water?						quetst
										ion is
				Note for data						yes
				collector:						
				Both water						
				and soap are						
				available at						
				the						
				handwashin						
				g facilities for						
				girls and						
				boys on the						
				day of the						
				questionnair						
				e or survey.						
				Soapy water						
				(a prepared						
				solution of						
				detergent						
				suspended in						
				water) can						
				be						
				considered						
				as an						
				alternative						
				for soap, but						
				not for water,						
				as non-						
				soapy water						
				is needed for						
				rinsing.						
				Note: ash or						
				mud may be						
				available for						
				hand						
				cleansing but						
				is not an						
				acceptable						
				alternative to						
				soap						

Resear ch questi ons	I N #	Data colle ction meth od	Indicator group / sector	Indicator / Variable	Questionnai re Question	Instru ctions	Questionnair e answers	Colle ction level	Sam plin g	Disagg regatio n variabl e
Basic inform	Ва	sic infor	mation			I	1			
ation	N / A	KI Interv iew	Key character istics	Enumerator ID	Enumerator ID	Enter ID		Instit ution level	Purp osiv e	ID
	N / A	KI Interv iew	Key character istics	Date	Date of data collection	Enter date		Instit ution level	Purp osiv e	Date
	N / A	Direc t Obse rvatio n	Water point _Locatio n	Water point Region	In which region is the water point located?	Select one	Region list	Instit ution level	Purp osiv e	Region
	N / A	Direc t Obse rvatio n	Water point _Locatio n	zone	In which zone is the water point located?	Select one	zone list	Instit ution level	Purp osiv e	Zone
	N / A	Direc t Obse rvatio n	Water point_Lo cation	woreda	In which woreda is the water point located?	Select one	woreda list	Instit ution level	Purp osiv e	Woreda
	N / A	Direc t Obse rvatio n	Water point_Lo cation	Kebele	In which kebele is the water point located?	Select one	kebele list	Instit ution level	Purp osiv e	Kebel
	N / A			% of water points where a key informant was available	Is there a Key informant available to respond to the interview?	Select one	Yes No	Instit ution level		<u> </u>
	N / A	KI interv iew	Key informant	Key informant consent for	Do you consent to provide us with your	Select one	Yes No	Instit ution level	Purp osiv e	Gender

	N / A	KI interv iew	personal details Key informant personal details	personal details Key informant personal details	contact details, in case of need for further follow up after this survey? Please provide us with your phone number	Enter numbe r		Instit ution level	Purp osiv e	Gender
1. What key infrast ructur es in health and nutriti on, WASH and educat ion are availab le in Ethiopi a, and where are they locate d?pe	1. 1	KI Interv iew	Water point _type	Water point type	What type of water point is it?	select_ one	□Publictap/stand pipe□Handpump/borehole□Protecteddeepwell□Protecteddeepwell□Protecteddeepwell□Protectedshallowwell□Protectedshallowwell□Protectedshallowwell□Protectedspring□□Rainwater(river,dam,lake,pond,stream,canal,irrigationchannel)□□Tankertrucks□□BottledwaterOther	Instit ution level	Purp osiv e	Туре

						(please specify)			
1. 2	KI Interv iew	Water point _owners hip	Water point ownership	Who owns and manages the water point?	select_ one	 water, sanitation and hygiene committee (WASHCO) Water User Association (WUA) Water Board Town water utility Privately owned Other Don't know 	Instit ution level	Purp osiv e	Owner
1. 3	KI Interv iew	Water scheme _type		What is the type of water scheme that provides water to the water point?	select_ one	 Motorized borehole Gravity scheme Protected spring Rural piped scheme Urban piped scheme Protected spring Unprotected spring Birkad Surface water (river, dam, lake, 	Instit ution level	Purp osiv e	Туре

2. What is the level and type of servic	Wa 2. 1	ter serv KI Interv iew	ice delivery Water availabilit y	Water availability at the water point	Is the water point currently producing water?	select_ one	pond, stream, canal, irrigation channel) □ Other (please specify) Yes No Don't know	Instit ution level	Purp osiv e	Proporti on
e provid ed by the key infrast ructur e?	2. 2	KI Interv iew	Water availabilit y_hrs per day	Number of hours water is available in a day	What is the number of hours per day where water is available in the water point?	integer		Instit ution level	Purp osiv e	Numbe r of days
	2.	KI Interv iew	Water availabilit y_days per week	Number of days water is available in a week	What is the number of days per week where water is available in the water point?	integer		Instit ution level	Purp osiv e	Numbe r of days
	2. 4	KI Interv iew	Water interrupti on	Unplanned interruption of water supply	What is the frequency of unplanned interruption of water supply from this water point due to breakdown or other causes?	select_ one	Every day Every week Every month More than twice a week More than twice a month If other, specify	Instit ution level	Purp osiv e	Freque ncy of days
	Wa	iter poin	t service Af	fordability	I		I		L	
	3. 1	KI Interv iew	Water affordabil ity	% of water points where community	Is there is a charge for water?	select_ one	Yes No Don't know	Instit ution level	Purp osiv e	Yes/No

	3. 2	KI Interv iew	Water affordabil ity_charg e in ETB	members are charged for services offered. Average cost for a 20 liter jerry can of water	How much does it cost per a jerry can (20 liters)?	Enter a price (in ETB)		Instit ution level	Purp osiv e	ETB
3. What if any, are the gaps in servic e capabi lity of	W a 4. 1	ter poin KI Interv iew	t service Ad Number of HH that use water point	Number of households that access the water point	Approximatel y how many HH does this water point supply water to?	integer		Instit ution level	Purp osiv e	Proporti on
infrast ructur e?	4. 2	KI Interv iew	Travel time to water point	Time of travel to water point	Can most households that use this water point fetch water from it within 30 minutes?	Sekect _one	Yes No Don't know	Instit ution level	Purp osiv e	Yes/No
	4. 3	Obse rvatio n	Capacity of water facility	Average water output of facility	Using a jerry can, or watching a community member fill a jerry can of known volume, estimate how many liters is outputted within 1 minute. (E.g. enumerator times one minute and observes half a 20L jerry can is filled the output is 10L/minute)	Insert text		Instit ution level	Purp osiv e	Volume in litres

Service Capability Assessment, October 2023

4. 4	KI Interv iew	Equal access	Equal access to water supply	Is this water point accessible to everyone in the Community? Gender, disability, wealth etc.	select_ one	Yes No Don't know	Instit ution level	Purp osiv e	Yes/No
<i>4.</i> 5	KI Interv iew	Populatio n sub- group_u nable to access water point	Most commonly reported groups unable to access water	If no, Who is unable to access the water provided from this water point?	select_ multipl e	 ☐Men ☐Women ☐IDPs ☐People with disabilities ☐People living in remote areas ☐economicall y disadvantaged households ☐ Don't know ☐ Other (specify) 	Instit ution level	Purp osiv e	Populat ion sub- groups
W a 5. 1	KI Interv iew	i ty Water quality_c olor	% of water points that were reportedly producing water with an acceptable color	Does the water produced from this water point has acceptable color as perceived by the users from this water source?	select_ one	Yes No Don't know	Com munit y level	Purp osiv e	Yes/No
5. 2	KI Interv iew	Water quality_t aste	% of water points that were reportedly producing water with an	Does the water produced from this water point has	select_ one	Yes No Don't know	Com munit y level	Purp osiv e	Yes/No

			acceptable test	acceptable taste as perceived by the users from this water source?					
5. 3	KI Interv iew	Water quality_o dor	% of water points that were reportedly producing water with an acceptable odor	Does the water produced from this water point has acceptable odor as perceived by the users from this water source?	select_ one	Yes No Don't know	Com munit y level	Purp osiv e	Yes/No
5. 4	KI Interv iew	Water quality_p ollution	Presence of any source(s) of pollution within 20 m from the water point	Are there any source(s) of pollution (animal or human excreta, rubbish, etc.) within 20 m from the water point?	select_ one	Yes No Don't know	Instit ution level	Purp osiv e	Yes/No
5. 5	KI Interv iew	Water quality_n earby livestock	Pressence of livestock close to water point	Are there any animals or livestock sharing, using, or standing nearby the water point?	select_ one	Yes No Don't know	Instit ution level	Purp osiv e	Yes/No
5. 6	KI Interv iew	Water quality_n earby latrine	Presence of latrine close to water point	Is there any observable latrine with 30 meters to the water point?	select_ one	Yes No Don't know	Instit ution level	Purp osiv e	Yes/No

4. What is the buildin g conditi on of the key infrast	6. 1	KI Interv iew	Water point infrastruc ture _damage	% of water points with reported damaged structures at the time of data collection.	Has the structure been damaged?	select_ one	Yes No	Instit ution level	Purp osiv e	Yes/No
ructur e?	6. 2	KI Interv iew	Water point infrastruc ture _cause of damage	Most commonly reported causes of damage to the water point.	What has caused the damage?	select_ one	conflict flooding landslide wind overuse/no maintenance vandalism or scavenging other cause	Instit ution level	Purp osiv e	Reason
	6. 3	KI Interv iew	Water point infrastruc ture _cause of damage	Most commonly reported causes of damage to the water point.	If other please specify.	text		Instit ution level	Purp osiv e	Reason
	6. 4	KI Interv iew	Water point infrastruc ture _type of damage	nagethewaterpoint.point.terMostntcommonlyastructypetypeofdamageatpeofthe facility	select_ one	□ Leakage □ contamination/ pollution(anim al al or human excreta, rubbish etc) □ Septic backup □ □ broken/missin g/rusted pipe lines □ broken/missin g power source (solar/motor power) □ I don't know	Instit ution level	Purp osiv e	Yes/No	

							□ other (specify)			
	6. 5	KI Interv iew	Water point infrastruc ture _leakage	% of water points with reported leakage from the structure.	Is there any visible leakage from the structure?	select_ one	Yes No Don't know	Instit ution Ievel	Purp osiv e	Yes/No
	6. 6	KI Interv iew	Water point infrastruc ture _mainten ance	% of water points that were reported to have a regular maintenance done to sustain them in a proper working condition	Is there a regular maintenance done to sustain the water supply facilities in a proper working condition?	select_ one	Yes No Don't know	Instit ution level	Purp osiv e	Yes/No
	6. 7	KI Interv iew	Water point infrastruc ture _mainten ance regularity	Regularity of maintenance works.	If yes, how regularly is it done?	select_ one	Monthly quarterly bi-annually Anually	Instit ution level	Purp osiv e	Proporti on
N/A	GP	S	I				I			
	7	GPS data point	Location of infrastruc ture	GPS location	Please collect the GPS location of the infrastructure	Select GPS locatio n		Instit ution level	Purp osiv e	GPS location

7. Monitoring & Evaluation Plan

IMPACT Objective	External M&E Indicator	Internal M&E Indicator	Focal point	Tool	Will indicator be tracked?
		# of downloads of x product from Resource Center	Country request to HQ		X Yes
	Number of humanitarian	# of downloads of x product from Relief Web	Country request to HQ		X Yes
Humanitarian stakeholders are	organisations accessing IMPACT services/products	# of downloads of x product from Country level platforms	Country team		X Yes
accessing IMPACT products	Number of individuals accessing IMPACT services/products	# of page clicks on x product from REACH global newsletter	Country request to HQ	User_log	X Yes
		# of page clicks on x product from country newsletter, sendingBlue, bit.ly	Country team		□ Yes
		# of visits to x webmap/x dashboard	Country request to HQ		□ Yes
IMPACT activities contribute to better program implementation and coordination of the humanitarian response	Number of humanitarian organisations utilizing IMPACT services/products	# references in HPC documents (HNO, SRP, Flash appeals, Cluster/sector strategies)	Country team	Reference_I og	 Ethiopia HNO 2024 Ethiopian national cluster documents, for the health, education and WASH clusters, as well as for region specific clusters. Specifically, cluster strategy documents National and regional government ministry documents, for the Ministries of health,

		# references in single agency documents	_		education and water and sanitation
Humanitarian stakeholders are using IMPACT products	Humanitarian actors use IMPACT evidence/products as a basis for decision making, aid planning and delivery Number of humanitarian documents (HNO, HRP, cluster/agency strategic plans, etc.) directly informed by IMPACT products	Perceived relevance of IMPACT country-programs Perceived usefulness and influence of IMPACT outputs Recommendations to strengthen IMPACT programs Perceived capacity of IMPACT staff Perceived quality of outputs/programs Recommendations to strengthen IMPACT programs	- Country team	Usage_Feed back <i>and</i> Usage_Surv ey template	Decisions made and implemented on the basis of the study– to be checked with operational and donor partners to ask what actions they took on the basis of the findings and recommendations. Perceived usefulness and influence of IMPACT outputs This infrastructure and service mapping may also be included in a usage survey of partners if one is conducted in the future.
Humanitarian stakeholders are	Number and/or percentage of humanitarian organizations directly	# of organisations providing resources (i.e.staff, vehicles, meeting space, budget, etc.) for activity implementation			X Yes
engaged in IMPACT programs throughout the	contributing to IMPACT programs (providing	# of organisations/clusters inputting in research design and joint analysis	Country team	Engagement _log	X Yes
research cycle	resources, participating to presentations, etc.)	# of organisations/clusters attending briefings on findings;			X Yes