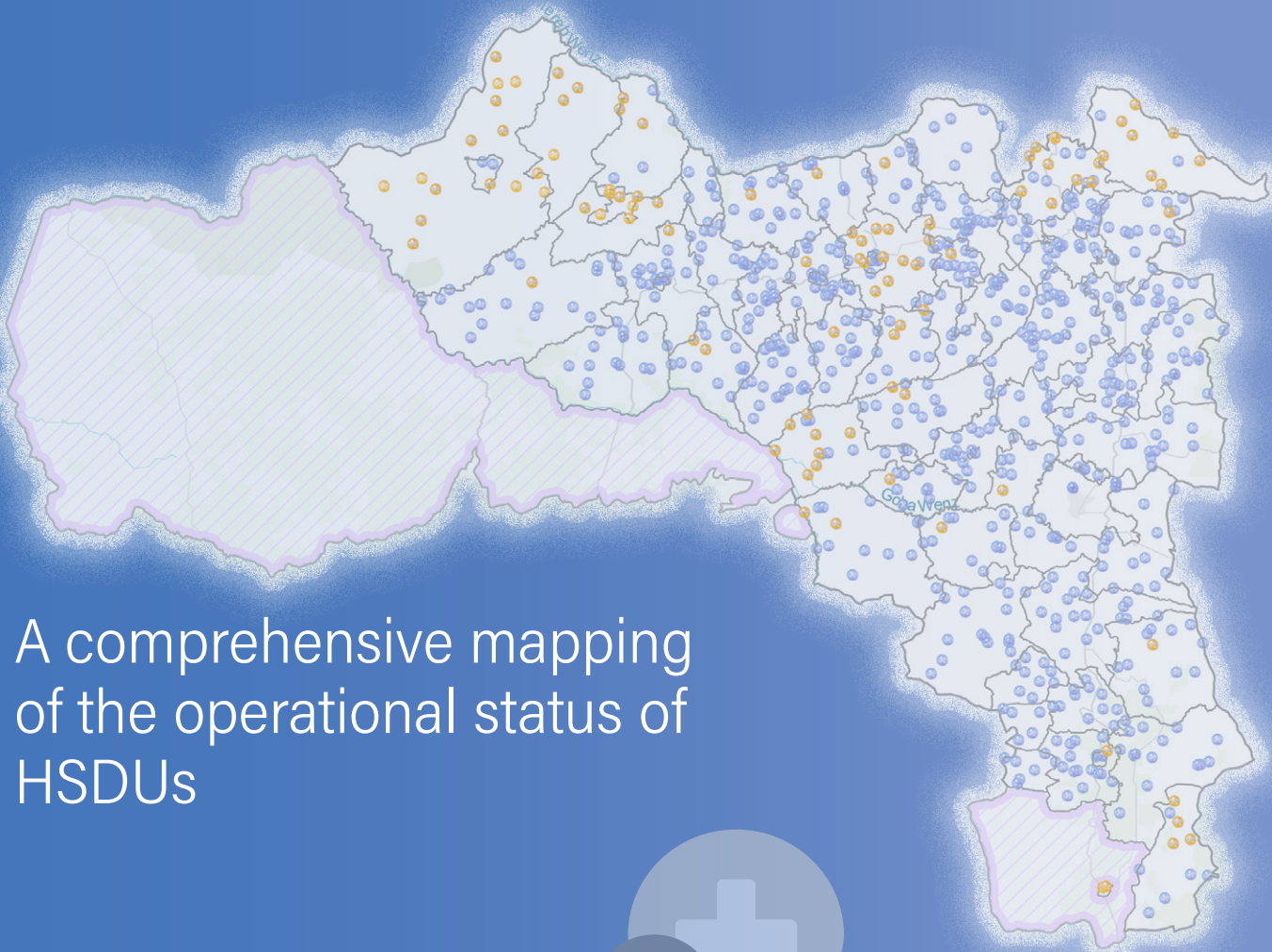


HeRAMS Tigray Baseline Report 2023



OPERATIONAL STATUS OF THE HEALTH SYSTEM



A comprehensive mapping
of the operational status of
HSDUs



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HeRAMS TIGRAY

BASELINE REPORT 2023

Operational status of the health system

A comprehensive mapping of the operational status of HSDUs



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MINISTRY OF HEALTH-ETHIOPIA



World Health Organization



HeRAMS
Health Resources and Services
Availability Monitoring System

Supported by



USAID
FROM THE AMERICAN PEOPLE



United Nations
CERF



European Union



Foreign, Commonwealth
& Development Office

ACRONYMS

DHIS	District Health Information System
EMR	Electronic Medical Record
EWARS	Early Warning, Alert and Response System
HeRAMS	Health Resources and Services Availability Monitoring System
IDSR	Integrated Disease Surveillance and Response
HSDU	Health Service Delivery Unit
OB/GYN	Obstetrics and Gynecology
VIP	Ventilated Improved Pit
WHO	World Health Organization

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DISCLAIMER

Disruptions to health systems can impede provision of and access to essential health services. Communities' vulnerability to increased morbidity and mortality substantially increases when a lack of reliable information prevents sound decision-making, especially in rapidly changing environments that require continued assessment. The Health Resources and Services Availability Monitoring System (HeRAMS) aims to provide decision-makers and health stakeholders at large with vital and up-to-date information on the availability of essential health resources and services, help them identify gaps and determine priorities for intervention.

HeRAMS draws on the wealth of experience and knowledge gathered by the World Health Organization (WHO) and health sector actors, including nongovernmental organizations, donors, academic institutions and other technical bodies. It builds on a collaborative approach involving health service providers at large and integrating what is methodologically sound and feasible in highly constrained, low-resourced and rapidly changing environments such as humanitarian emergencies. Rapidly deployable and scalable to support emergency response and fragile states, HeRAMS can also be expanded to - or directly implemented as - an essential component of routine health information systems. Its modularity and scalability make it an essential component of emergency preparedness and response, health systems strengthening, universal health coverage and the humanitarian development nexus.

The introduction of HeRAMS in Tigray, Ethiopia has allowed for the assessment of 853 health service delivery units (HSDUs) out of the targeted 860 HSDU across accessible areas. Data presented in this report were collected between May 7th and June 20th, 2023. It is important to note that the deployment of HeRAMS is ongoing, including data verification and validation. Hence, this analysis is not final and was produced solely for the purpose of informing operations.

This is the first report of the **HeRAMS Tigray Baseline Report 2023** series, focusing on the operational status of HSDUs, level and type of support provided by partners, and availability of basic amenities. For more in-depth information on availability of essential health services and main barriers impeding service delivery, specialized reports are available on essential clinical and trauma care services¹, child health and nutrition services², communicable disease services³, sexual and reproductive health services⁴, and non-communicable disease and mental health services⁵.

Caution must be taken when interpreting the results presented in this report. Differences between information products published by WHO, national public health authorities, and other sources using different inclusion criteria and different data cut-off times are to be expected. While steps are taken to ensure accuracy and reliability, all data are subject to continuous verification and change.

For additional information, please see <https://www.who.int/initiatives/herams> or contact herams@who.int

¹ HeRAMS Tigray Baseline Report 2023 - General clinical and trauma care services: A comprehensive mapping of availability of essential services and barriers to their provision, <https://www.who.int/publications/m/item/herams-tigray-baseline-report-2023-general-clinical-and-trauma-care-services>.

² HeRAMS Tigray Baseline Report 2023 - Child health and nutrition services: A comprehensive mapping of availability of essential services barriers to their provision, <https://www.who.int/publications/m/item/herams-tigray-baseline-report-2023-child-health-and-nutrition-services>.

³ HeRAMS Tigray Baseline Report 2023 - Communicable disease services: A comprehensive mapping of availability of essential services and barriers to their provision, <https://www.who.int/publications/m/item/herams-tigray-baseline-report-2023-communicable-disease-services>.

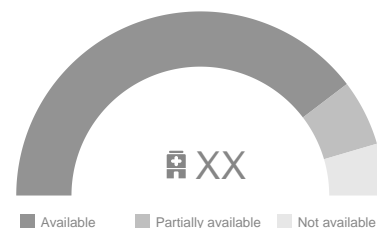
⁴ HeRAMS Tigray Baseline Report 2023 - Sexual and reproductive health services: A comprehensive mapping of availability of essential services and barriers to their provision, <https://www.who.int/publications/m/item/herams-tigray-baseline-report-2023-sexual-and-reproductive-health-services>.

⁵ HeRAMS Tigray Baseline Report 2023 - Non-communicable disease and mental health services: A comprehensive mapping of availability of essential services and barriers to their provision. <https://www.who.int/publications/m/item/herams-tigray-baseline-report-2023-ncd-and-mental-health-services>.

INTERPRETATION GUIDE

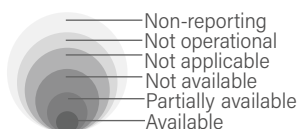
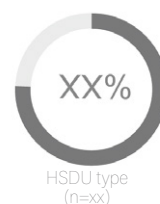
Indicator status

Arc charts provide an overview of the overall status of an indicator (i.e. functionality, availability, sufficiency, etc.), hereafter referred to as “availability”. The total number of HSDUs included in the analysis of an indicator is shown inside the arc chart. It is important to note that the total number of HSDUs included in the analysis of an indicator can vary due to the exclusion of non-operational HSDUs from subsequent analyses (see page 4 for details).

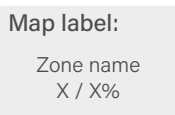


Column charts provide a breakdown of the indicator availability by zone or by zone and HSDU type. By default, these charts exclude HSDUs where an indicator is not applicable or not relevant. The total number of HSDUs included in each column is indicated below the respective zone or HSDU type name.

Each **donut chart** represents a type of HSDU. The percentage of HSDUs where the indicator was available or partially available is displayed inside the donut. Additionally, the cumulative number of HSDUs of that type is shown at the bottom of the chart, below the HSDU type name. In cases where the indicator was not available in any HSDU of that type, the number inside the chart will indicate the percentage of HSDUs for which the indicator was partially or not available.



Maps display availability of an indicator at the woreda level. Each circle corresponds to the cumulative number of HSDUs in a woreda and may be divided into multiple smaller circles with the color representing the proportion of HSDUs of a specific availability status. To highlight areas not reporting, respectively the impact of non-operational HSDUs, maps depict all HSDUs targeted with HeRAMS.



By default, map labels display the total number of HSDUs where the indicator could be assessed and is applicable as well as the percentage of these HSDUs where the indicator is at least partially available. For ease of readability, labels were removed for woredas where the indicator was not applicable in any or at least partially available in all HSDUs. Any deviation from this is clearly indicated in the map legend.

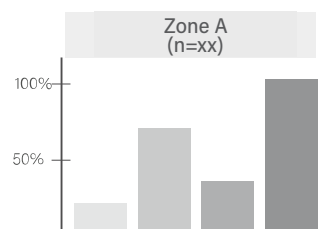
Barriers

To gain a more comprehensive understanding of the challenges faced by HSDUs, whenever an indicator was not or only partially available, main barriers impeding availability were recoded. Similarly, questions on building and equipment conditions, functionality and accessibility gather information on the underlying causes for non or partially operating HSDUs.



Each **donut chart** indicates the percentage of HSDUs having reported a specific barrier. The total number of HSDUs reporting at least one barrier is shown below the chart header.

Bar charts further break down barriers by zone with each bar representing a specific barrier. Similar to the donut chart, the percentage of each bar represents the number of HSDUs that have reported a particular barrier. Additionally, the number of HSDUs reporting at least one barrier is displayed below the name of each zone.



Important: The denominator for barrier charts excludes HSDUs where the indicator is fully available. It should further be noted that HSDUs can report up to three barriers for each indicator. Thus, the sum of all barriers may exceed 100%.

Basic amenity types

For some basic amenities additional information on main sources or types of amenities available were collected. The analysis of basic amenities follows the same logic as barriers (see above). Types of amenities were only evaluated if the amenity was at least partially available and focal point were allowed to report up to three main sources or types.

OVERVIEW OF HSDUs EVALUATED

Data collection summary

860 HSDUs targeted



1 Closed
5 Planned
1 Not reporting

853 HSDUs assessed


Building condition



28 Fully damaged
736 Partially damaged
76 Not relevant


Equipment condition



232 Fully damaged
612 Partially damaged


Functionality

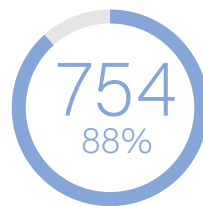


68 Non-Functioning
757 Partially Functioning


Accessibility



3 Not accessible
732 Partially accessible



HSDUs reported as at least partially operational⁶
(853 HSDUs assessed)

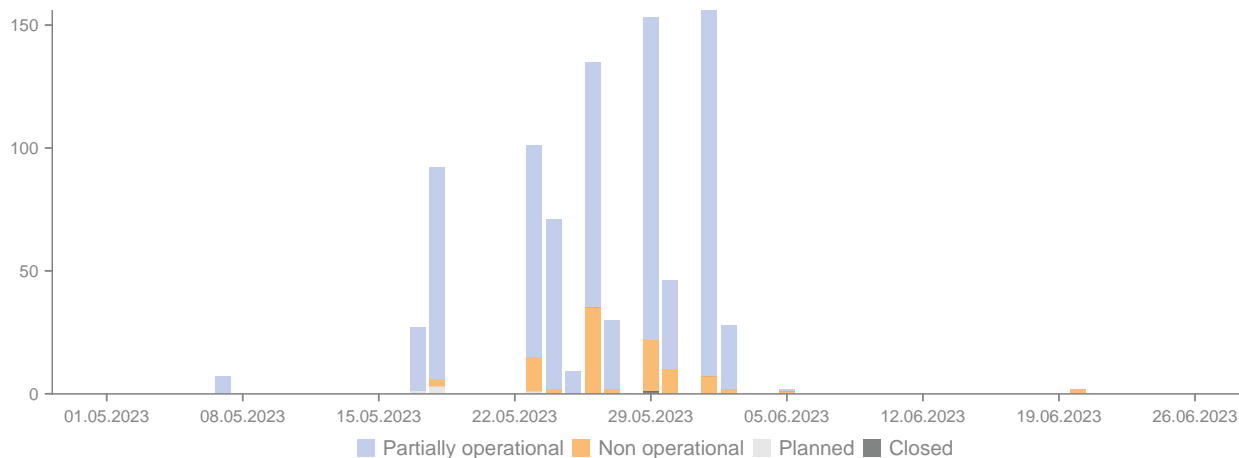
Reporting frequency and operational status by zone

Zone	Specialized hospital			Referral hospital			General hospital			Primary hospital			Health center			Health post			TOTAL		
	O	N/O	N/R	O	N/O	N/R	O	N/O	N/R	O	N/O	N/R	O	N/O	N/R	O	N/O	N/R	O	N/O	N/R
CENTRAL	-	-	-	1	-	-	3	-	-	1	-	-	62	-	-	192	35	1	264	35	1
EASTERN	-	-	-	-	-	-	2	-	-	-	-	-	38	4	-	136	15	1	180	19	1
MEKELLE	1	-	-	-	-	-	3	-	-	-	-	1	10	-	-	-	-	-	16	-	-
NORTH WESTERN	-	-	-	-	-	-	2	-	-	-	-	-	29	3	-	78	31	1	111	35	1
SOUTH EASTERN	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	80	3	4	108	3	4
SOUTHERN	-	-	-	-	-	-	1	1	-	-	-	-	18	1	-	54	5	-	75	7	-
TOTAL	1	-	-	1	-	-	11	1	-	1	-	1	182	8	0	540	89	7	754	99	7

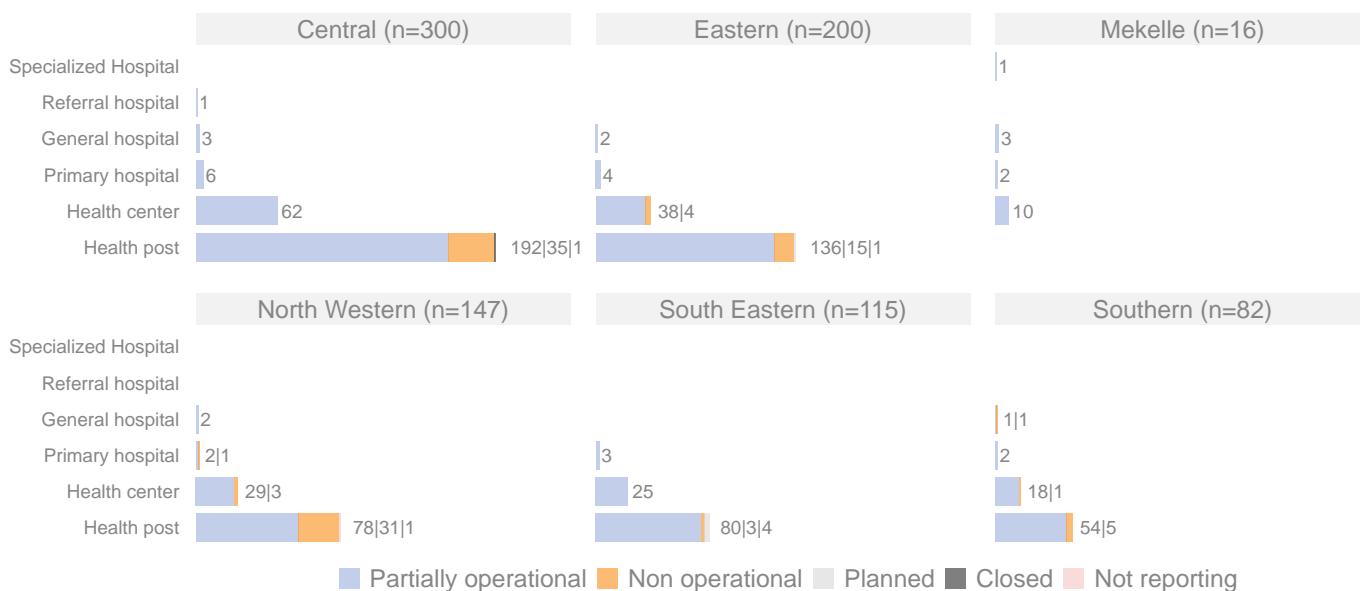
O = Partially operational - N/O = Not operational - N/R = Not reporting, closed and planned HSDUs

⁶HSDUs (Health Service Delivery Units) reported as destroyed, non-functioning, or inaccessible are deemed unable to provide any health services, hence categorized as non-operational. Consequently, reporting ends upon confirmation of an HSDU's non-operational status.

Date of last update

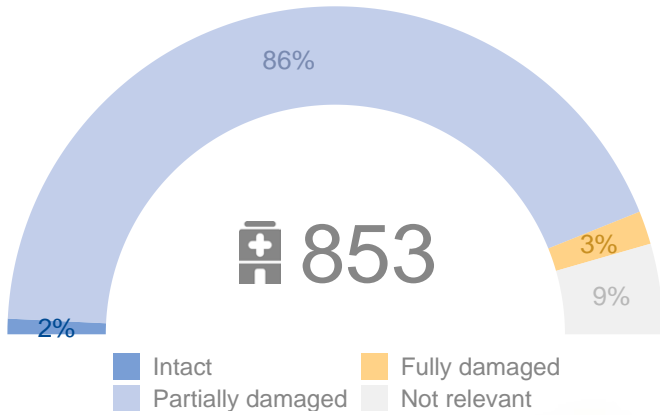


HSDU distribution by type and by zone

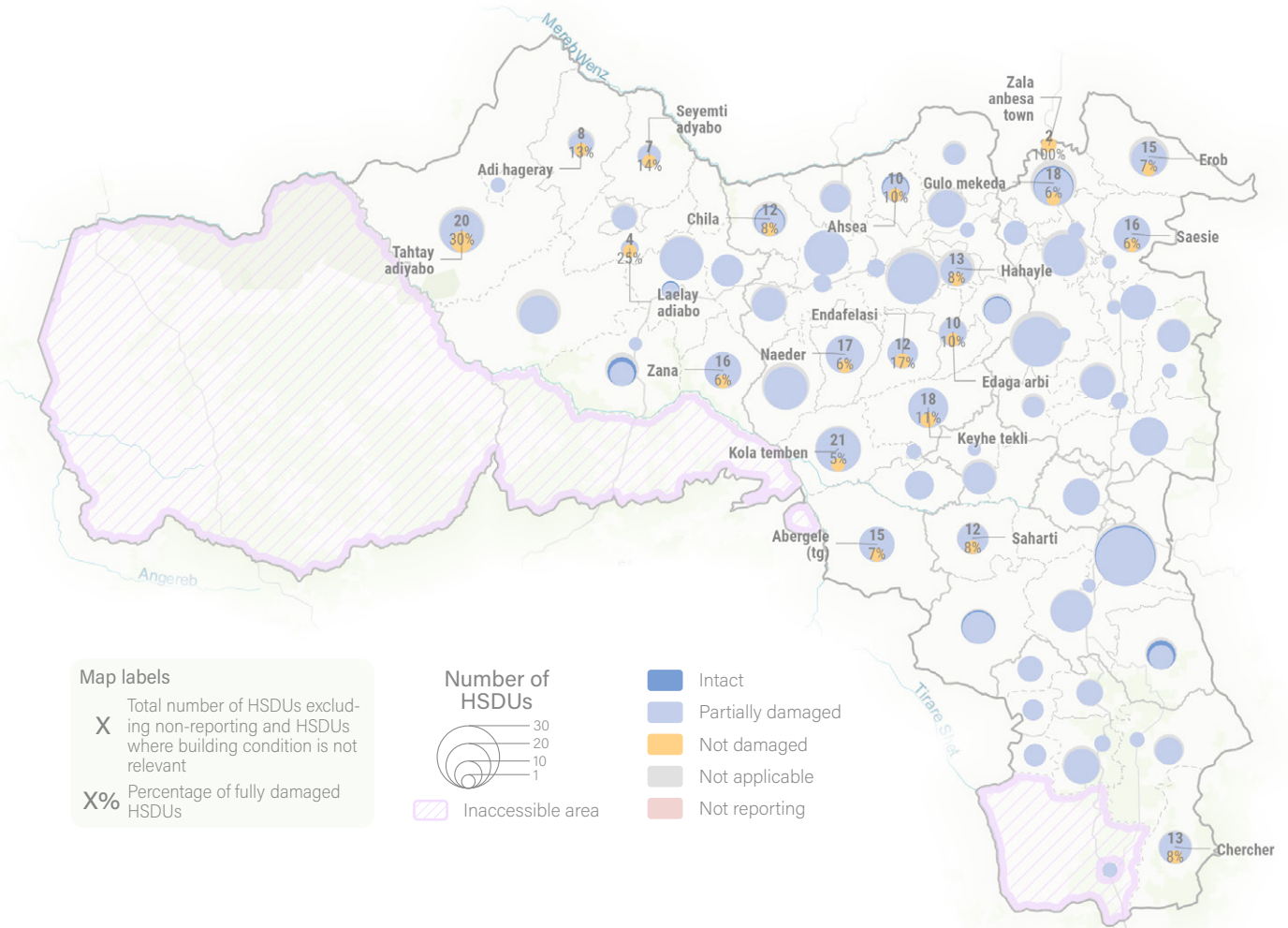
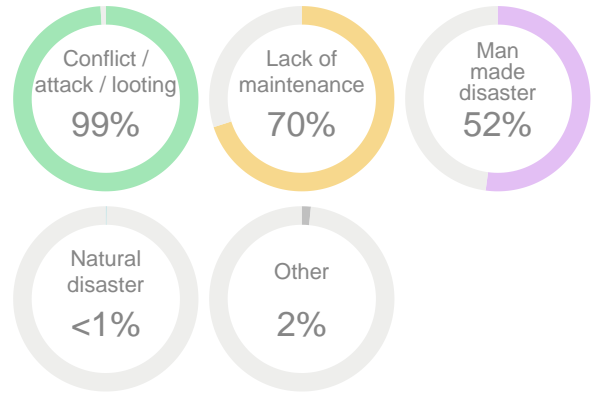


BUILDING CONDITION

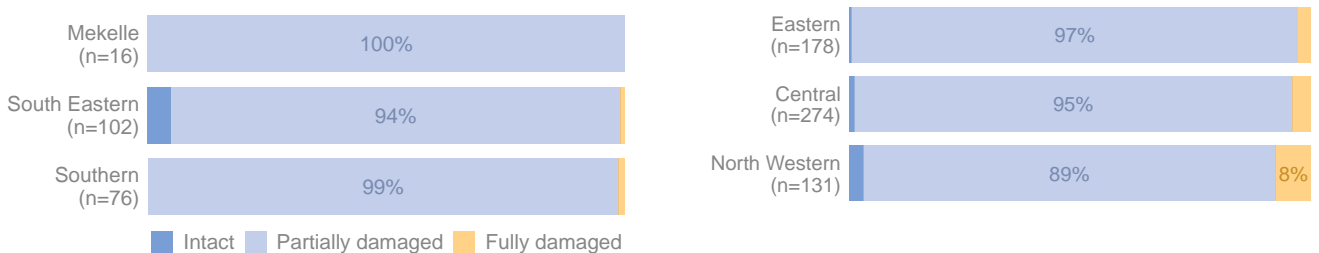
Building condition



Main causes of damage
n = 764

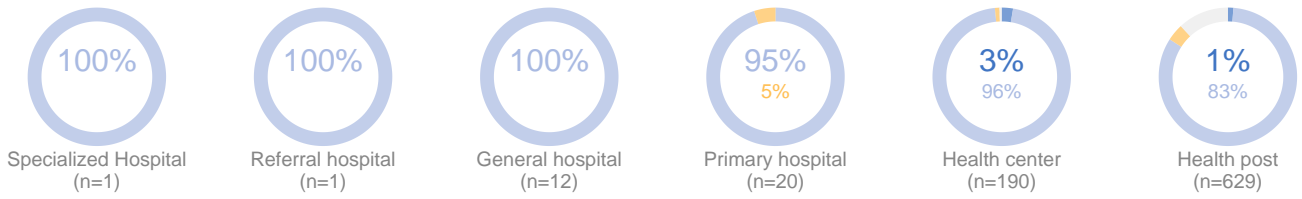


Building condition by zone†

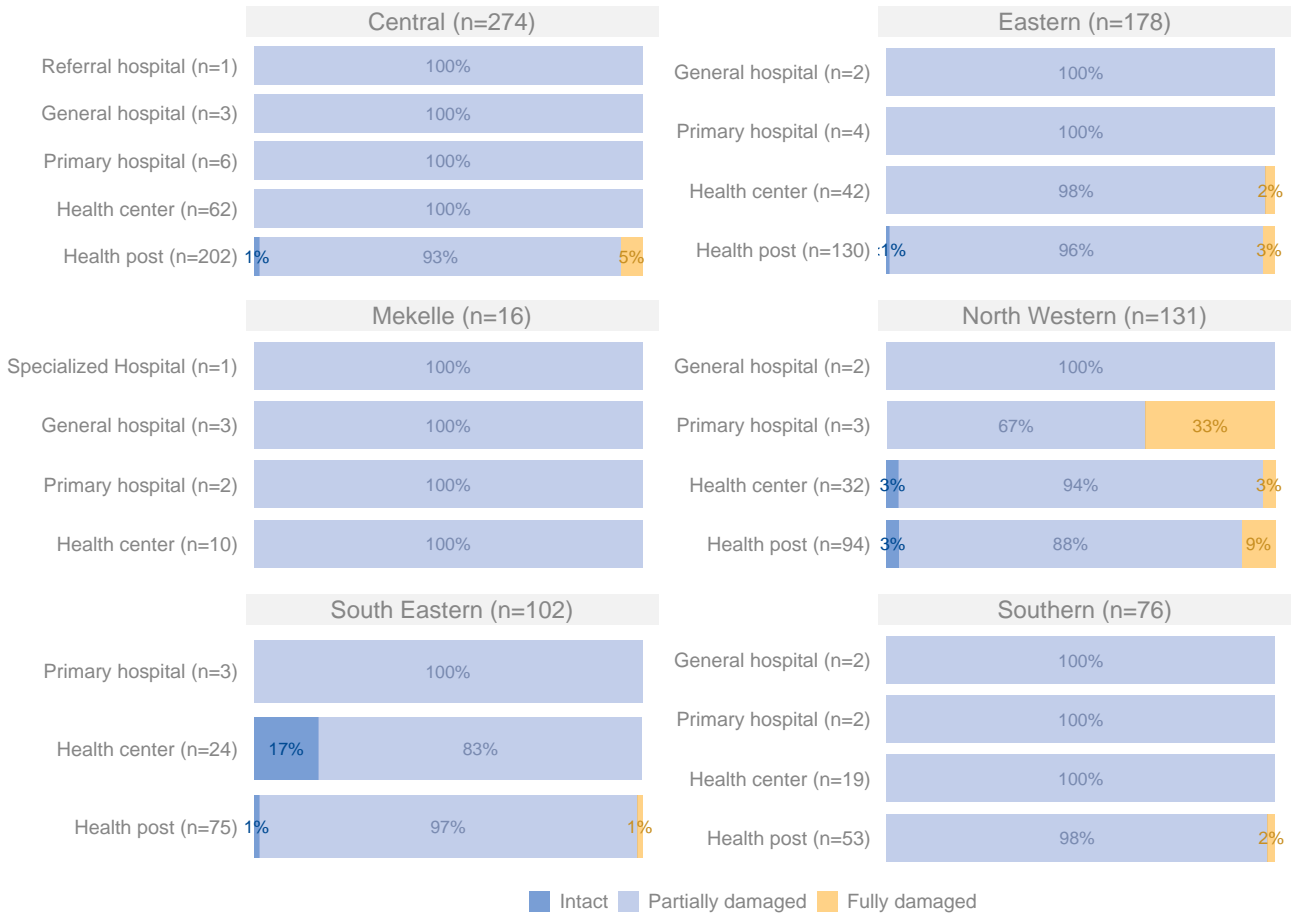


† Chart excludes HSDUs where building condition is not relevant.

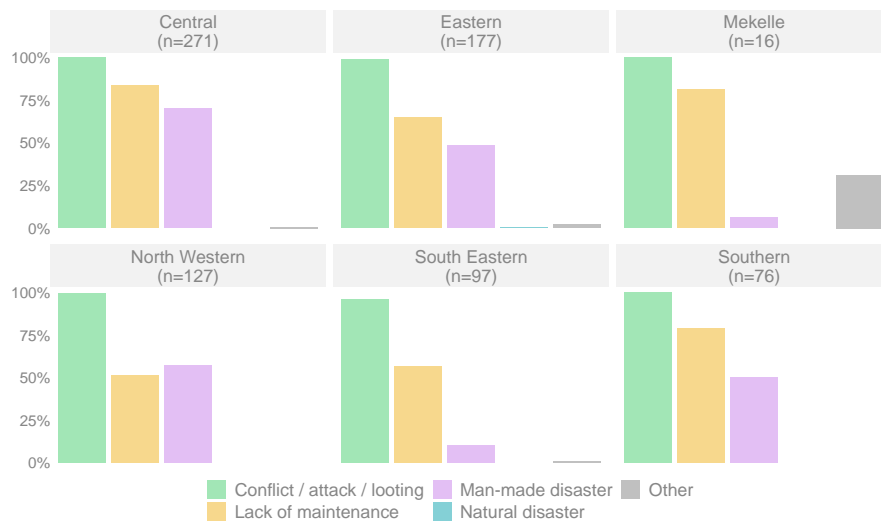
Building condition by HSDU type



Building condition by zone and HSDU type†

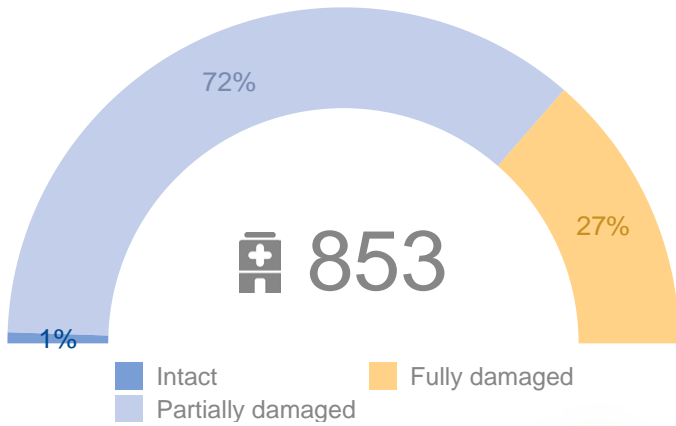


Main causes of damage by zone

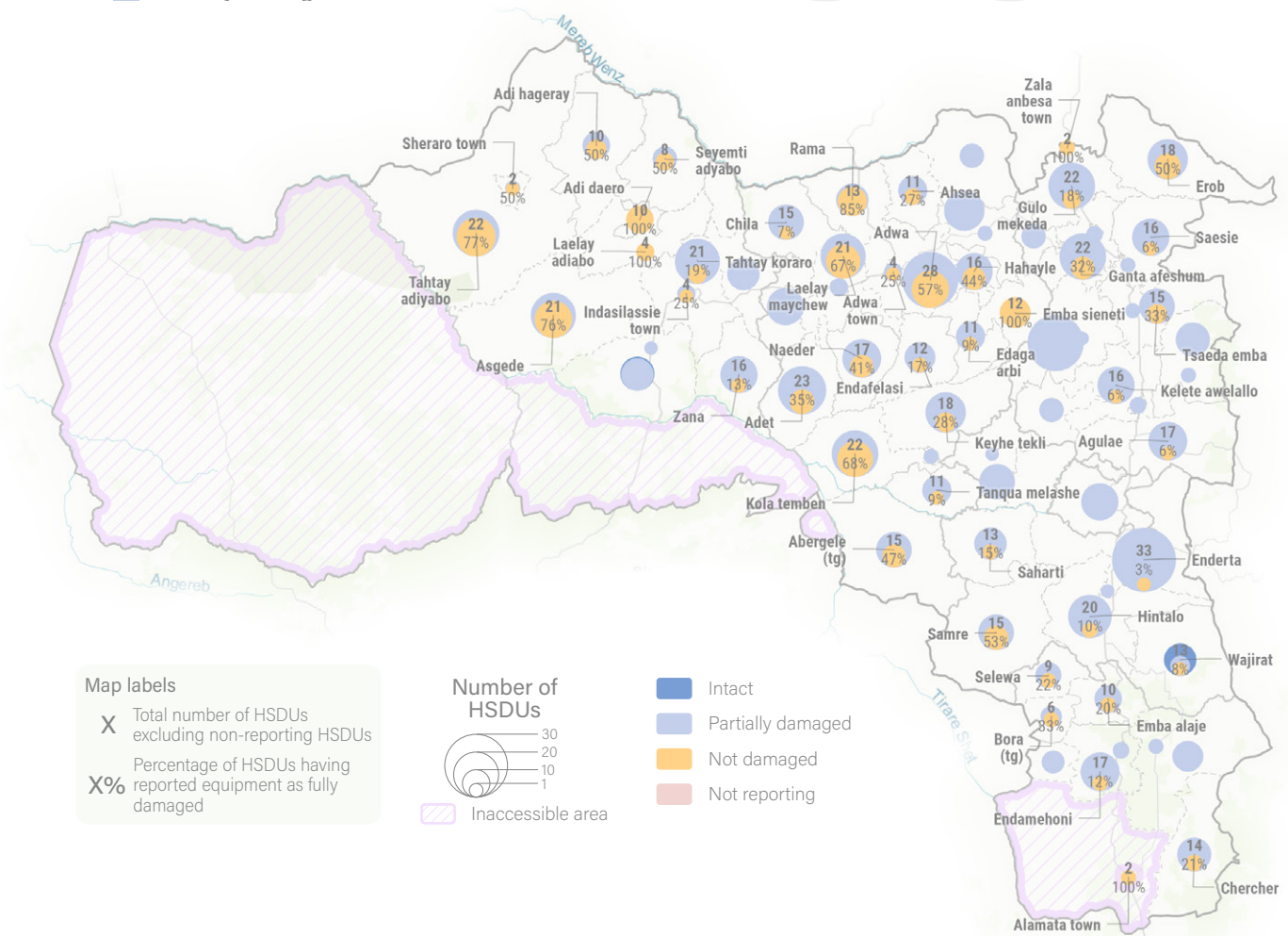
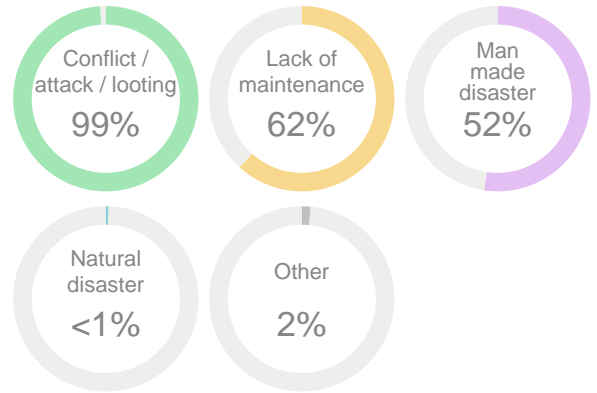


EQUIPMENT CONDITION

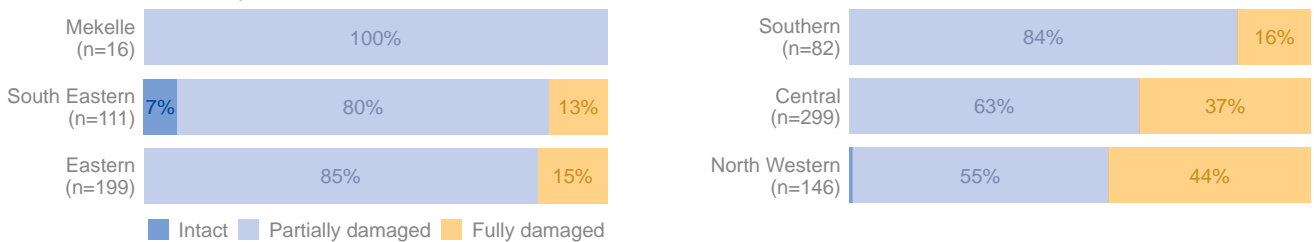
Equipment condition



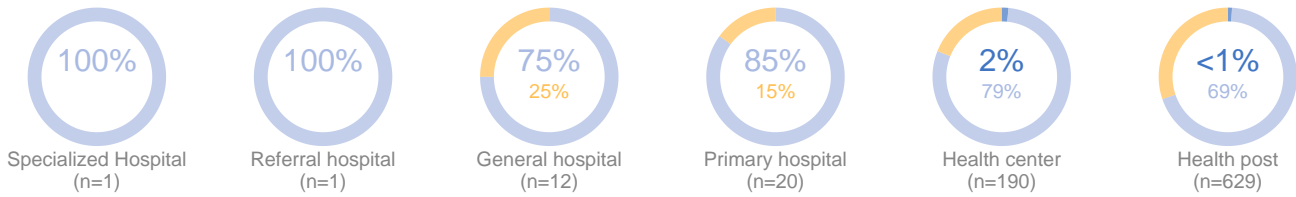
Main causes of damage
n = 844



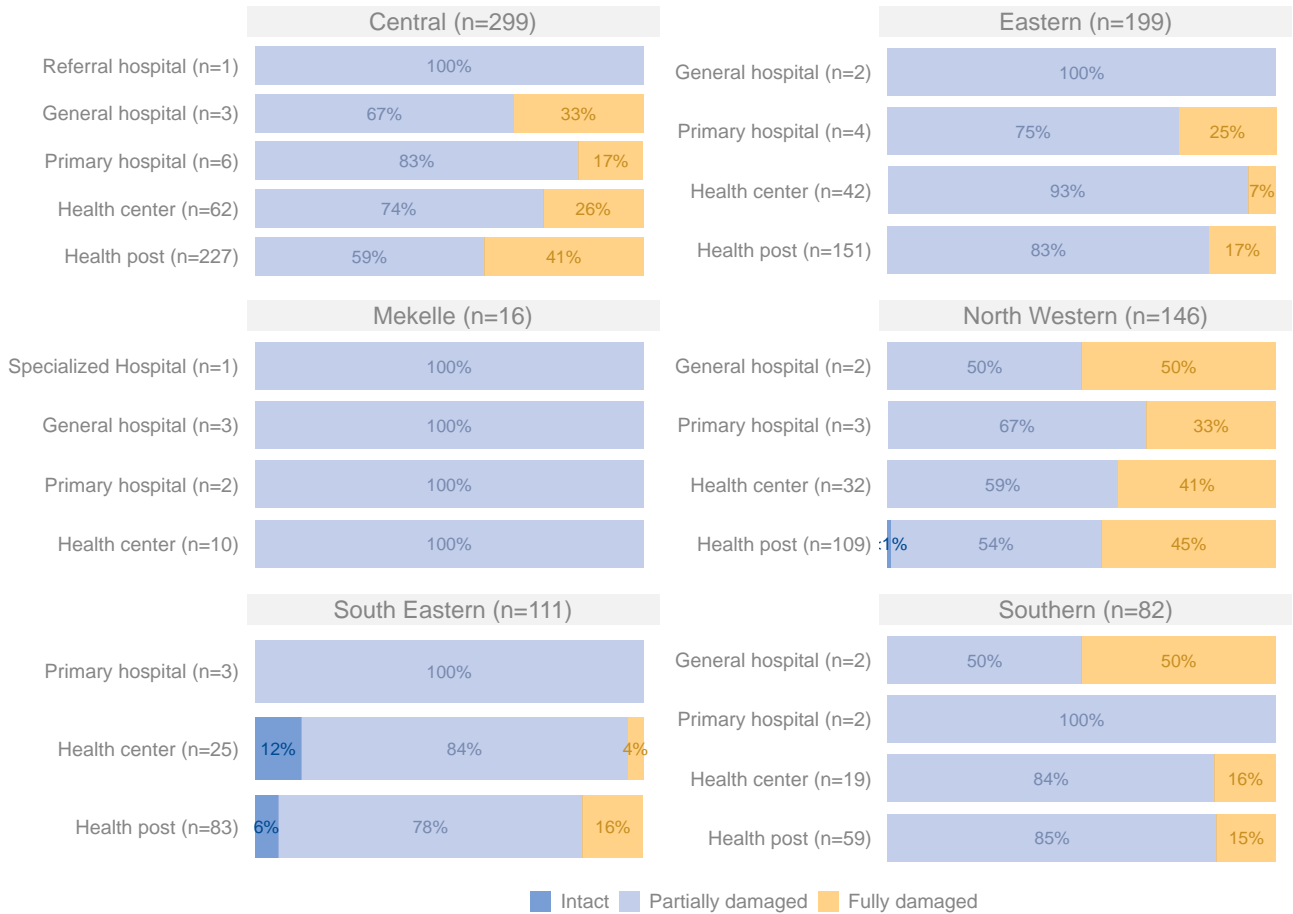
Equipment condition by zone



Equipment condition by HSDU type



Equipment condition by zone and HSDU type

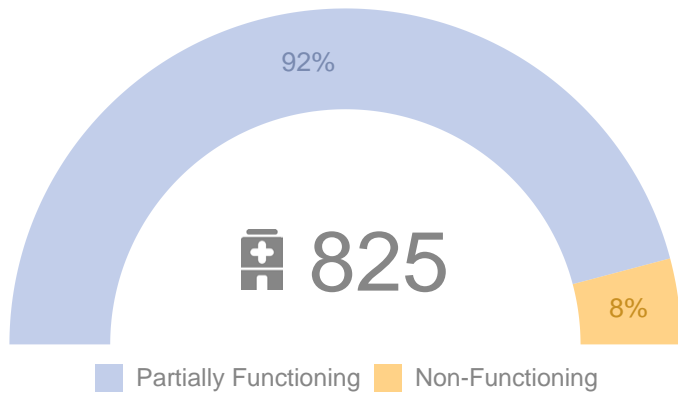


Main causes of damage by zone

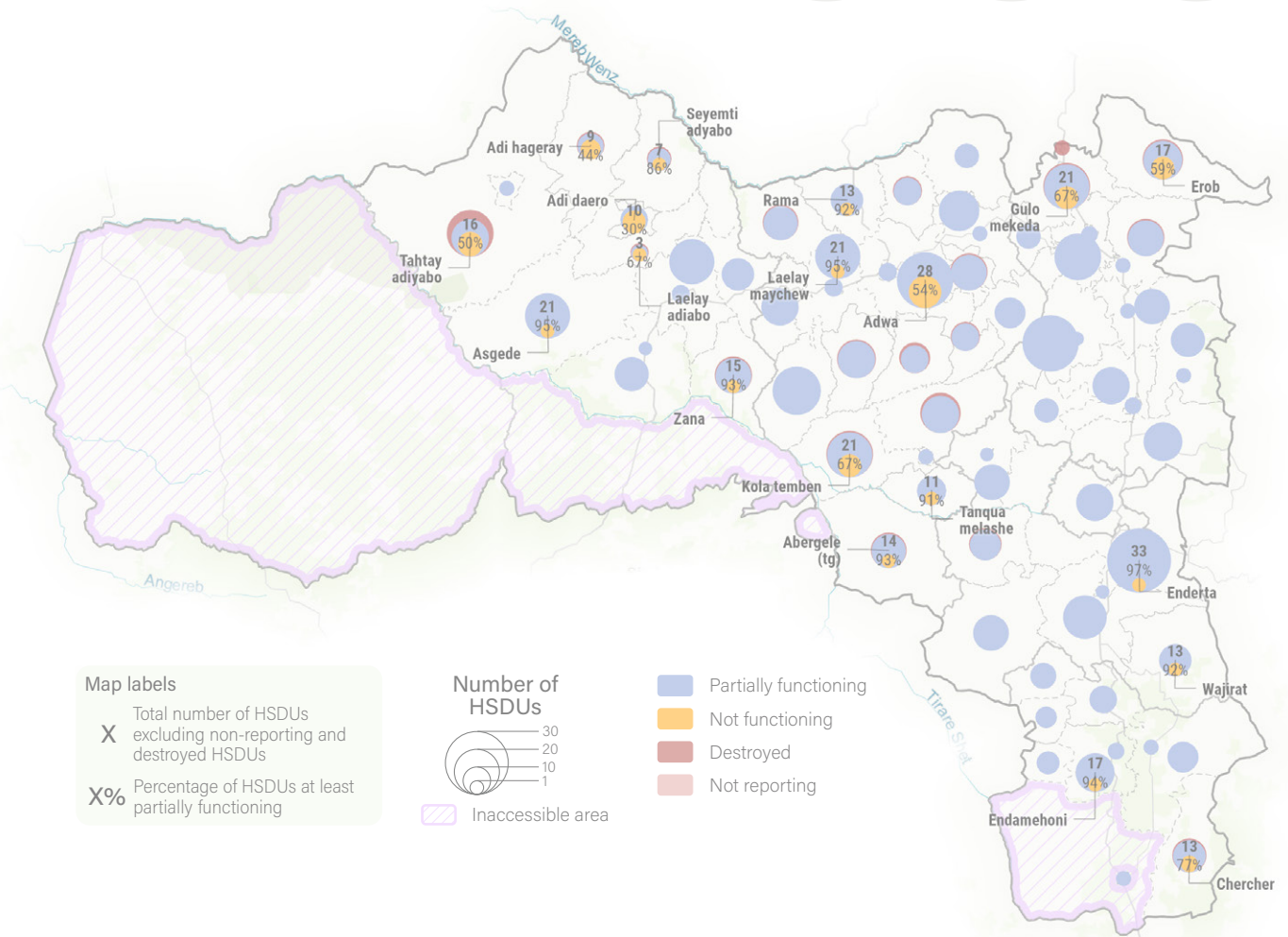
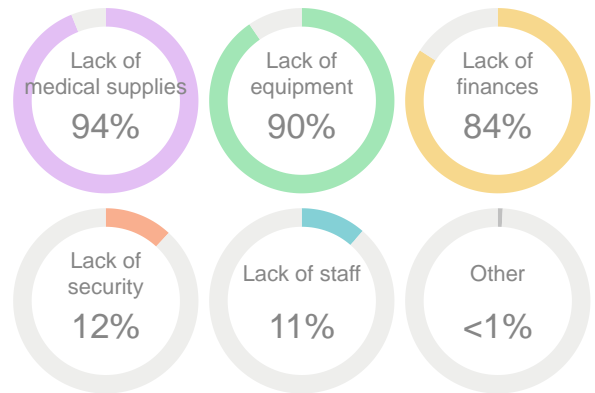


FUNCTIONALITY

Functionality



Main causes of dysfunctionality
n = 825

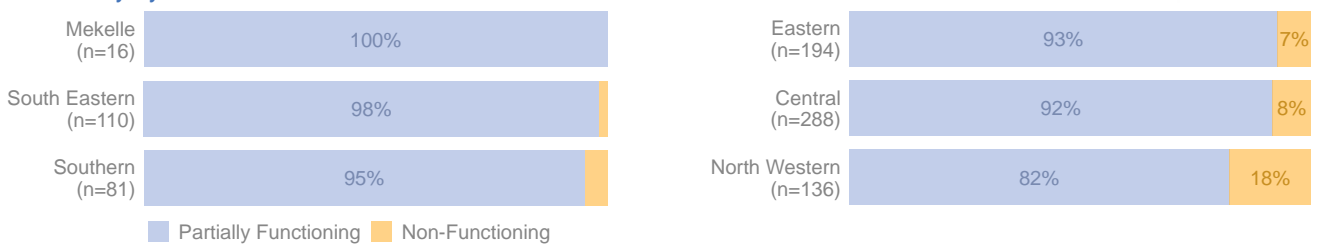


Map labels
 X Total number of HSDUs excluding non-reporting and destroyed HSDUs
 X% Percentage of HSDUs at least partially functioning

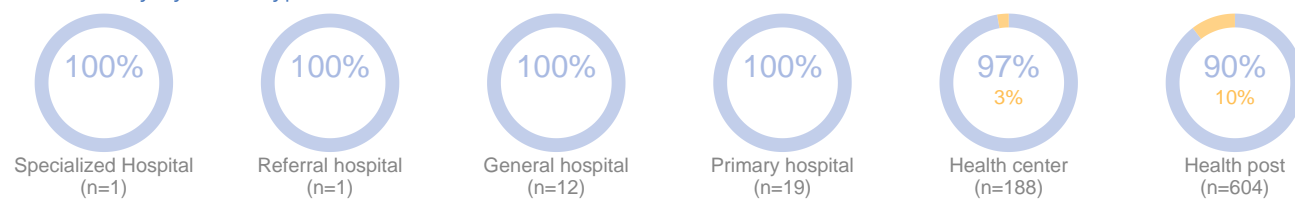
Number of HSDUs
 30
20
10
1
 Inaccessible area

Partially functioning
 Not functioning
 Destroyed
 Not reporting

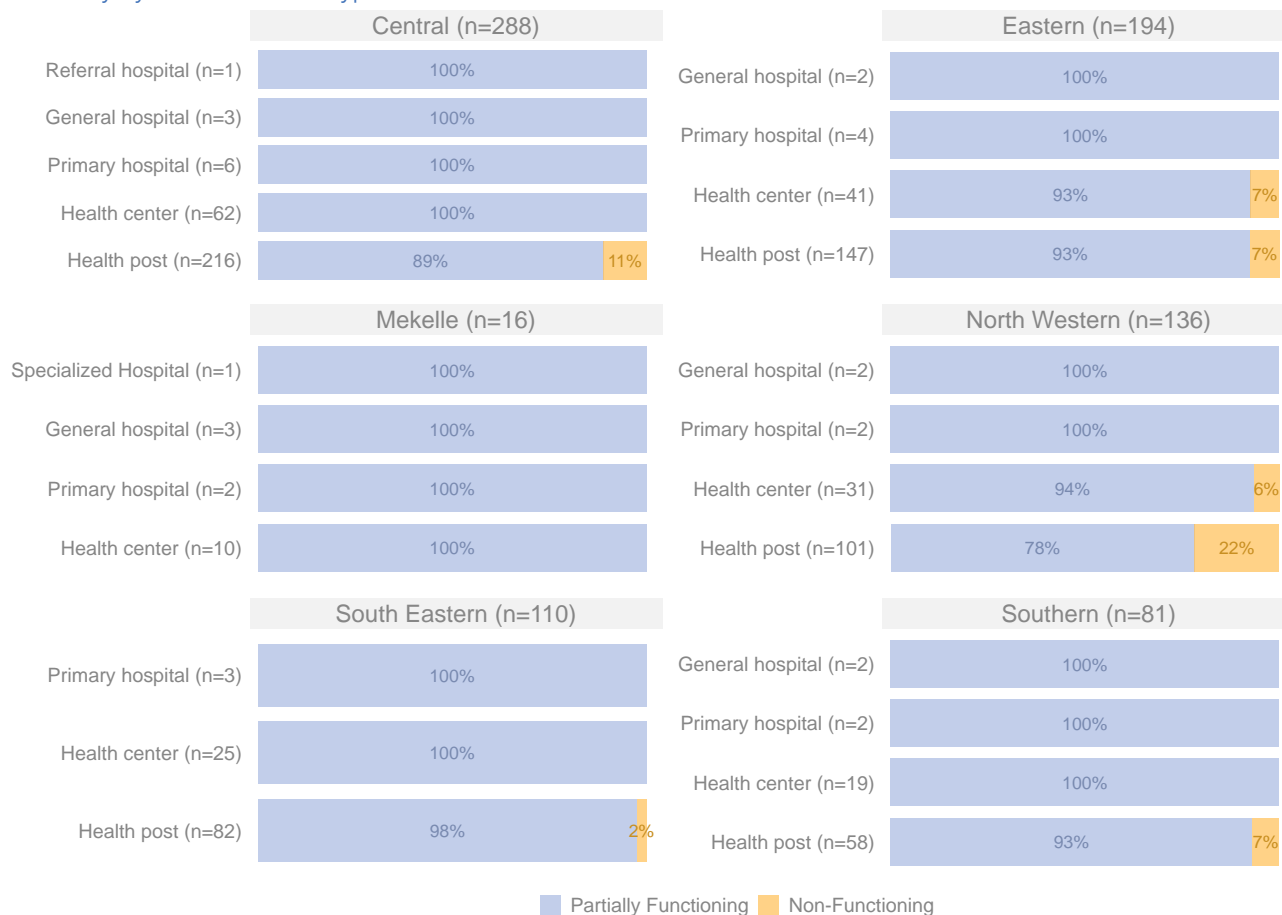
Functionality by zone



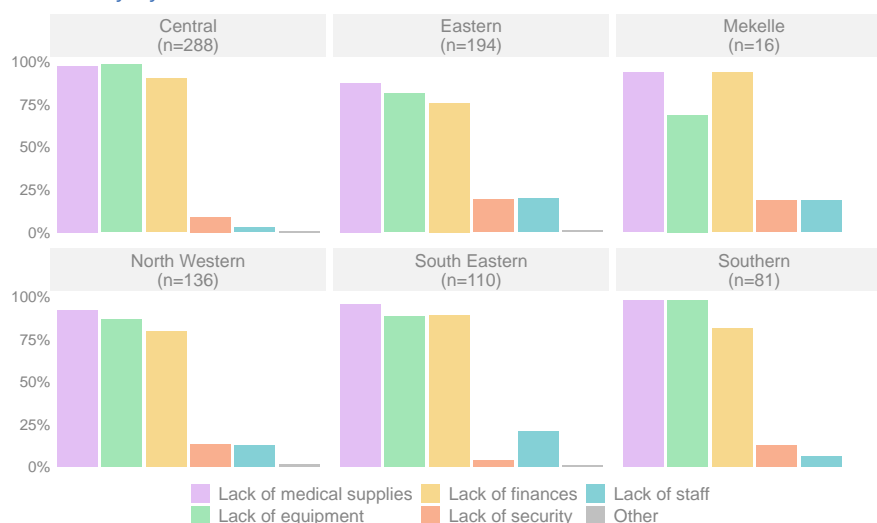
Functionality by HSDU type



Functionality by zone and HSDU type

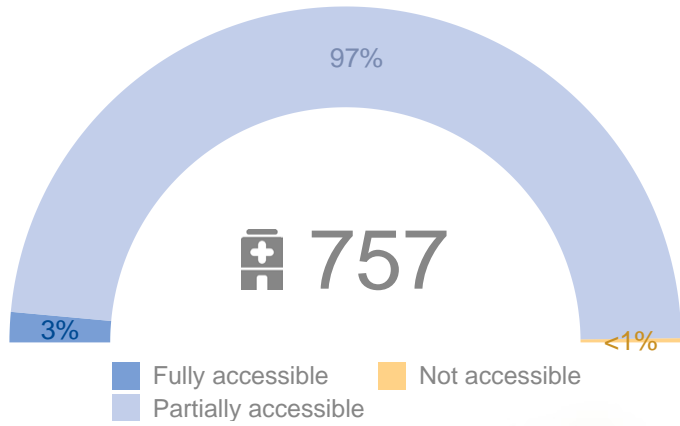


Main causes of dysfunctionality by zone

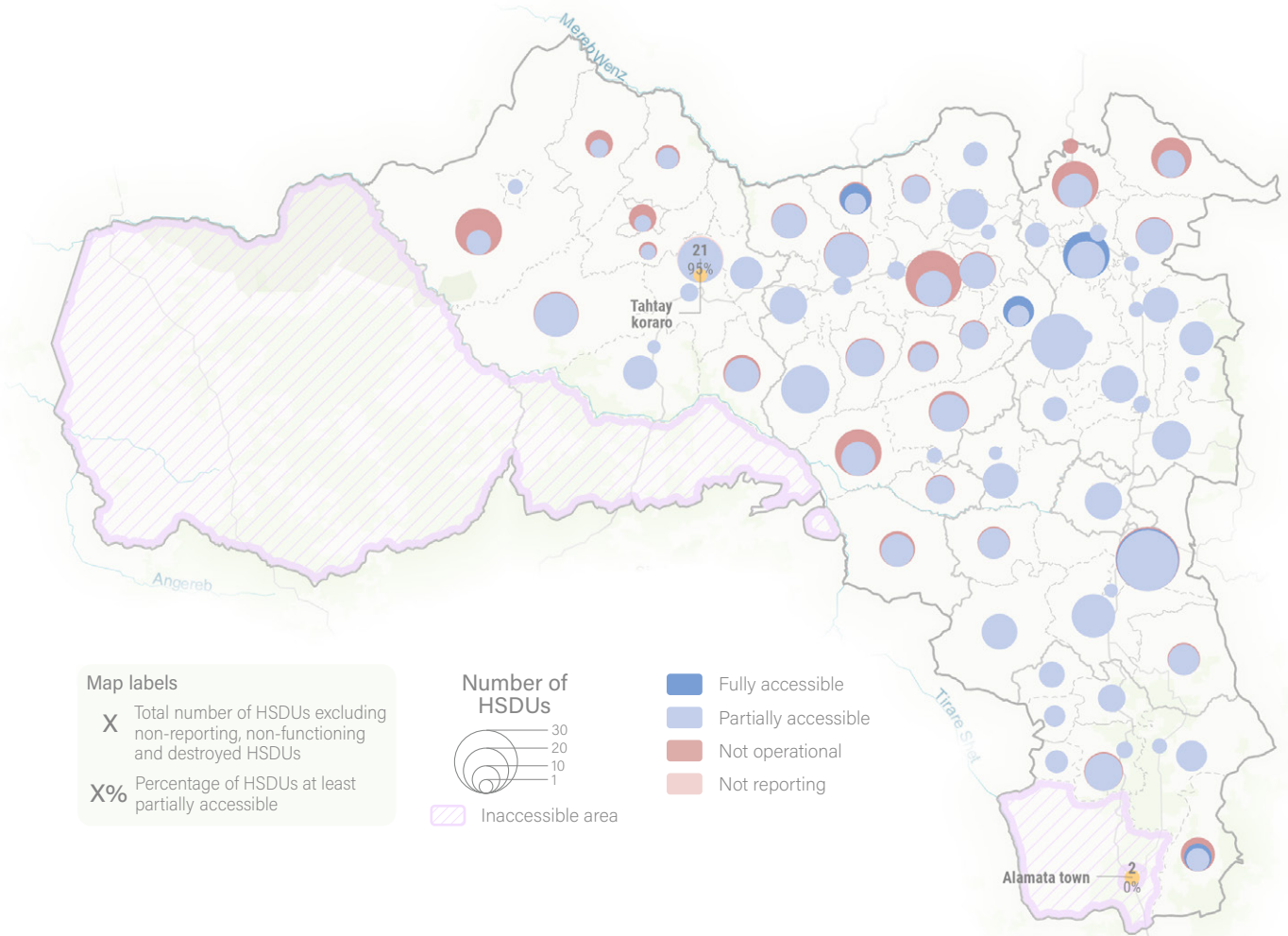
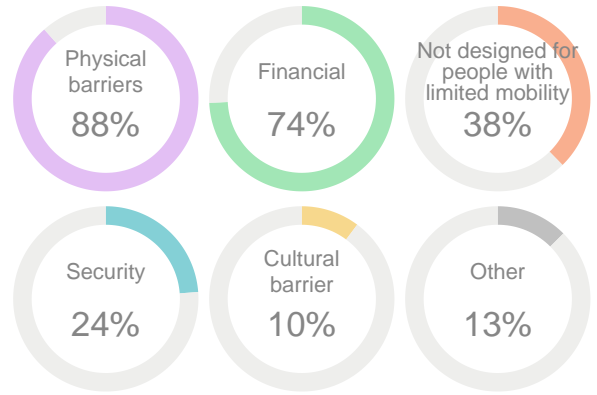


ACCESSIBILITY

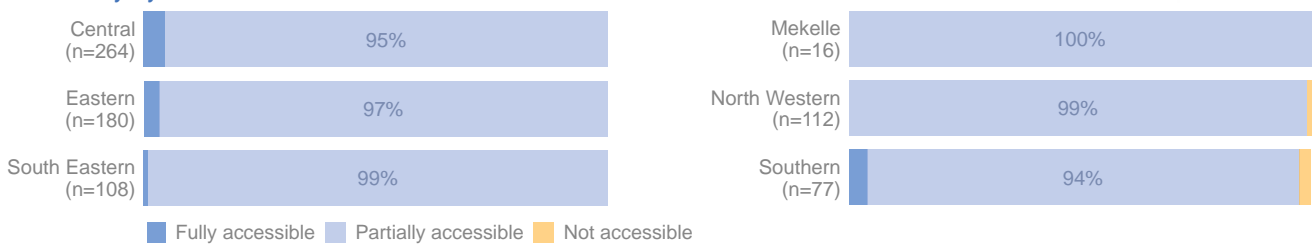
Equipment condition



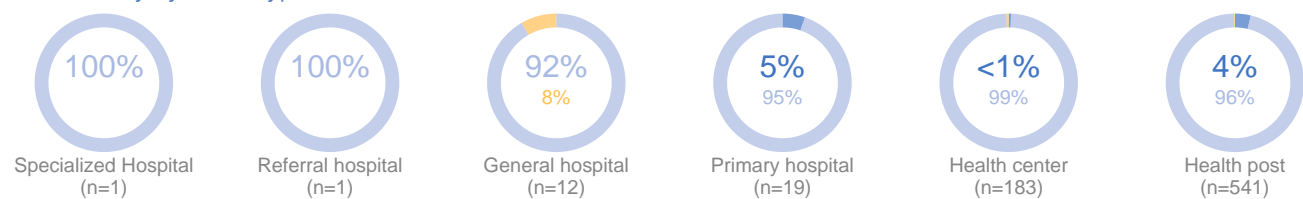
Main causes of inaccessibility n = 735



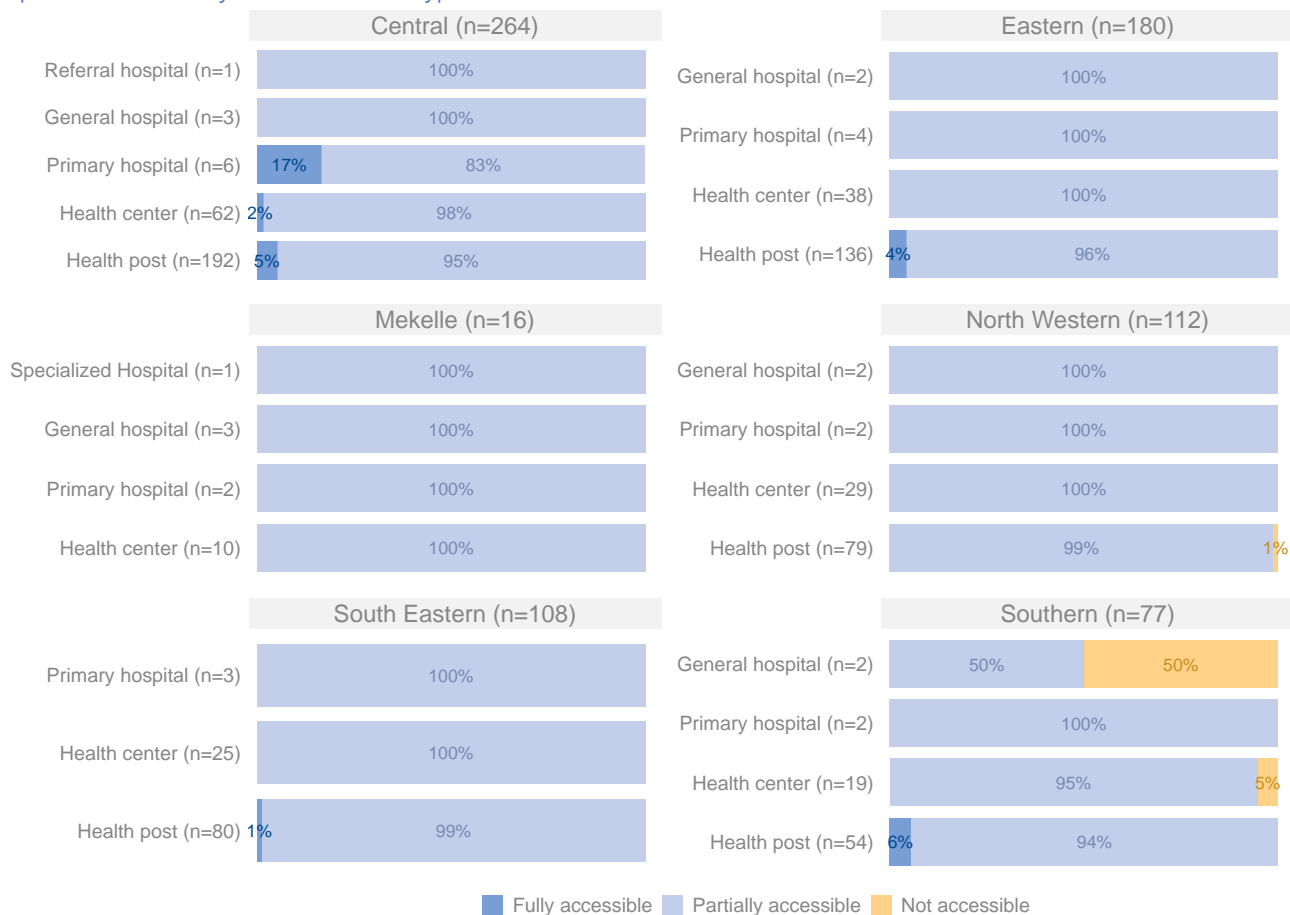
Accessibility by zone



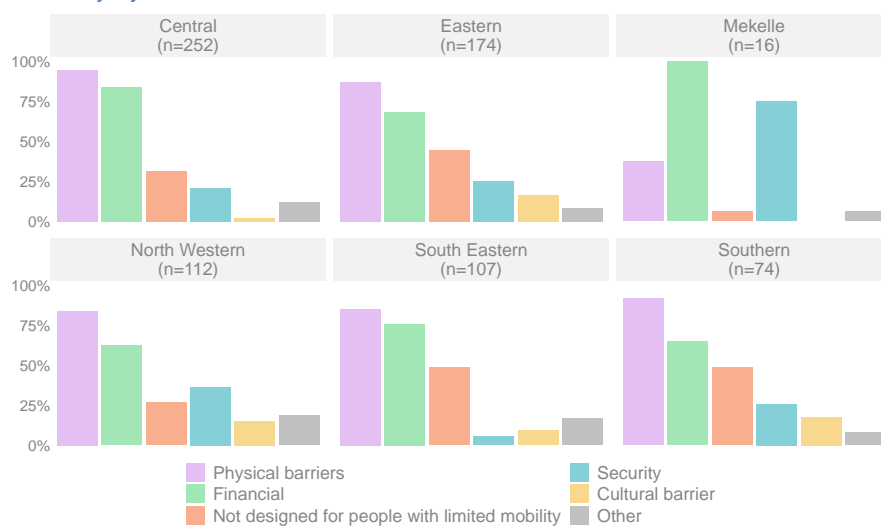
Accessibility by HSDU type



Equipment condition by zone and HSDU type

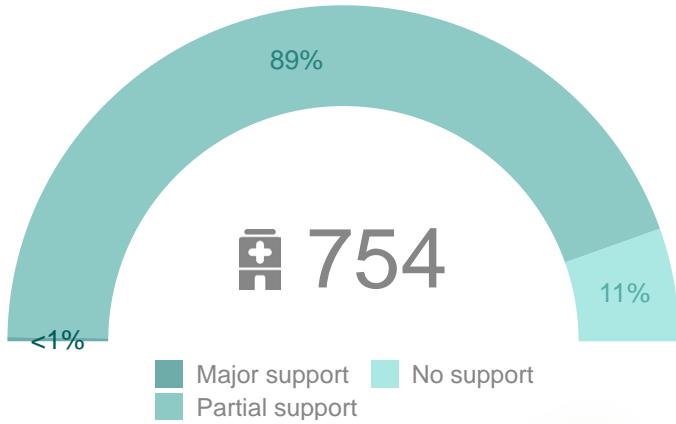


Main causes of inaccessibility by zone

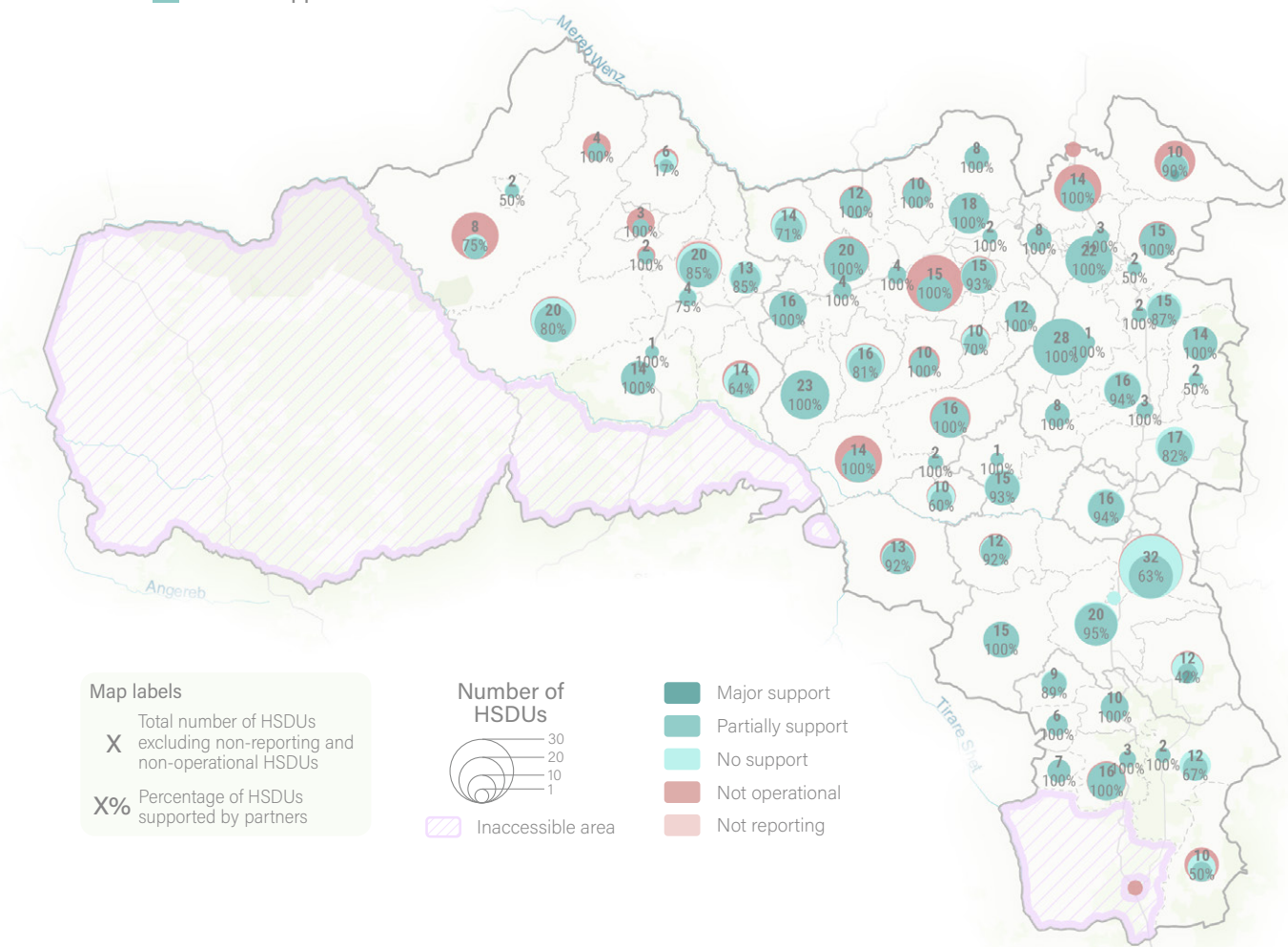
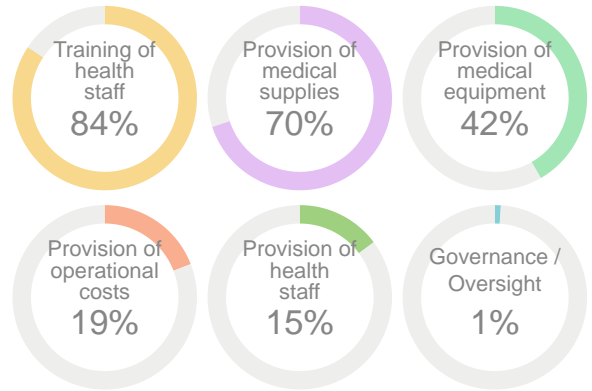


PARTNER SUPPORT

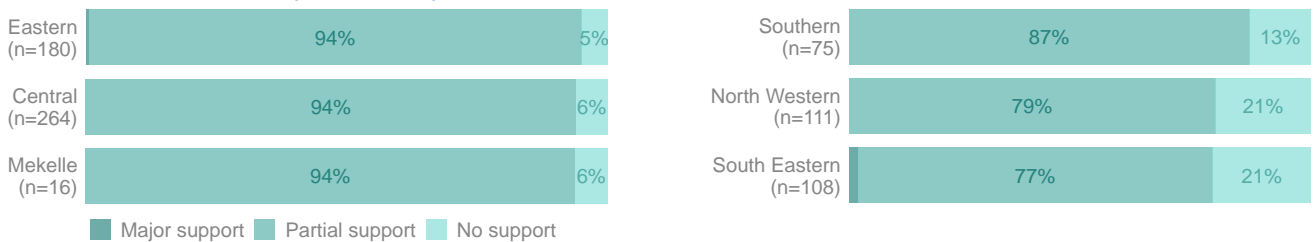
Level of support provided by partners



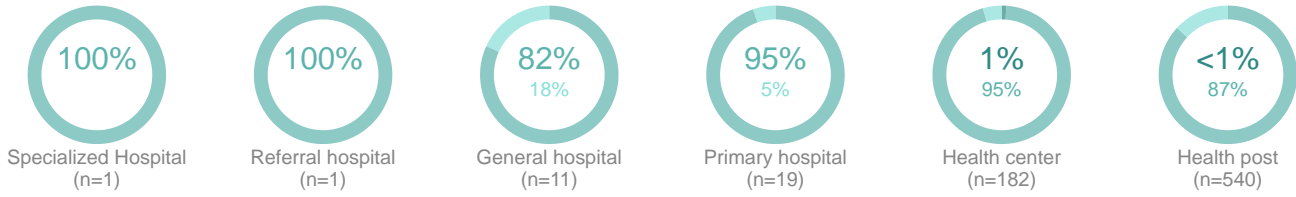
Main types of support received by HSDUs
n = 669



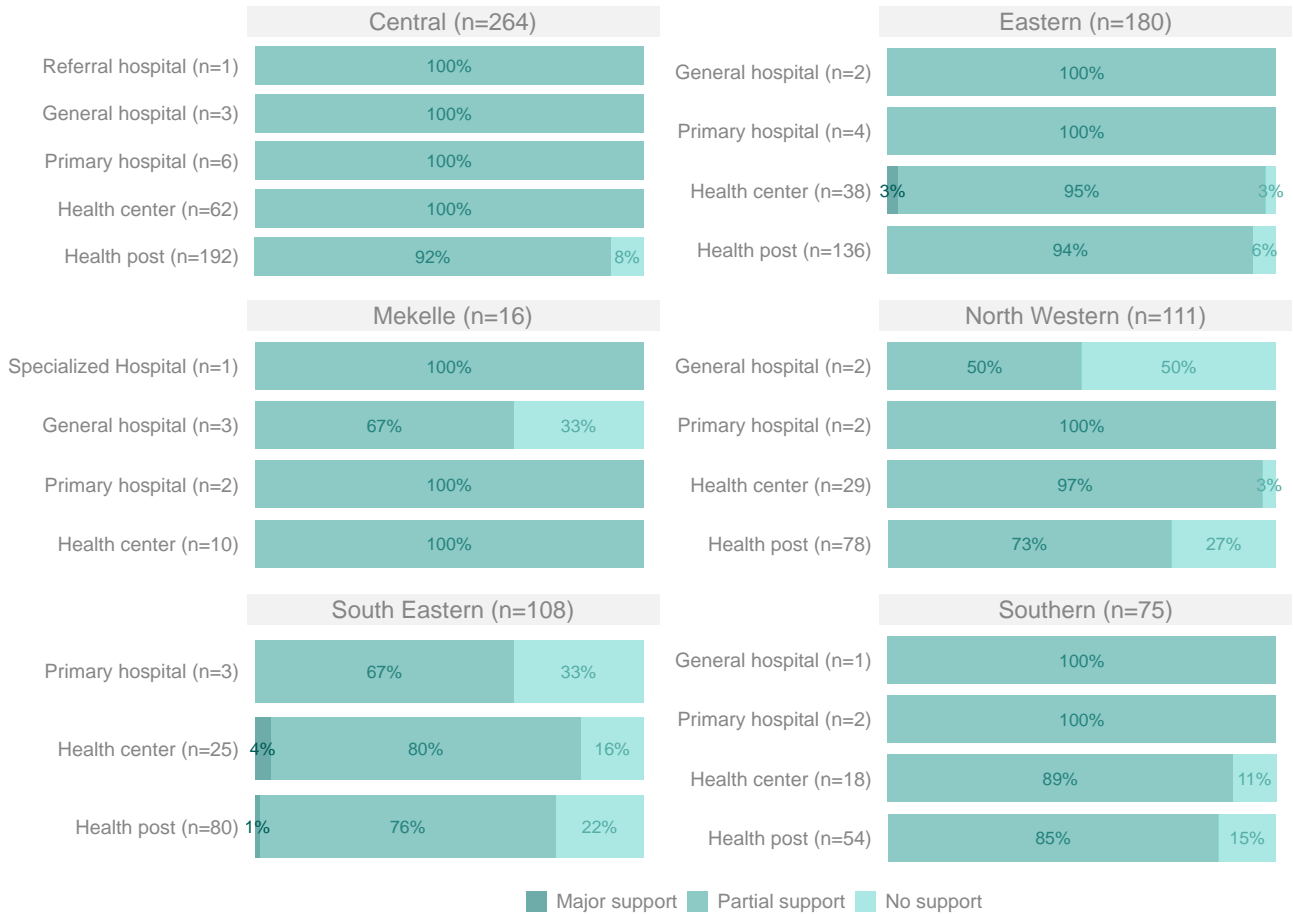
Level of support provided by partners by zone



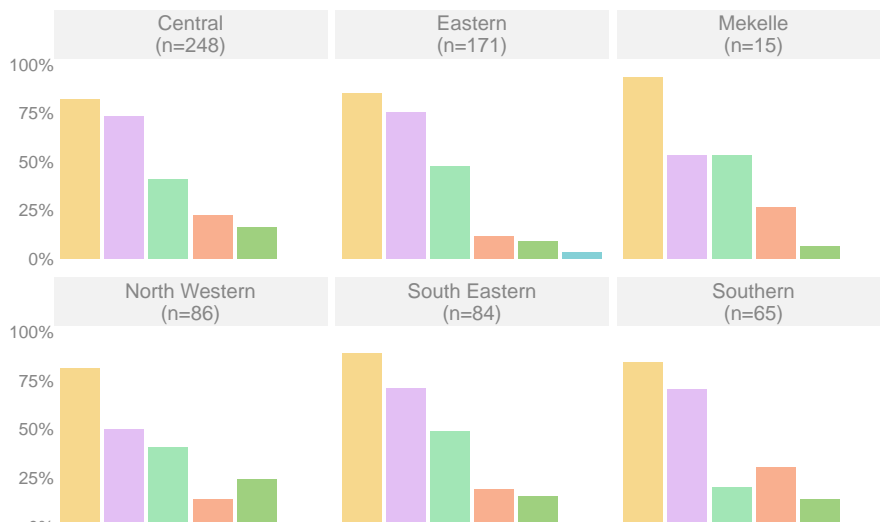
Level of support provided by partners by HSDU type



Level of support provided by partners by zone and HSDU type



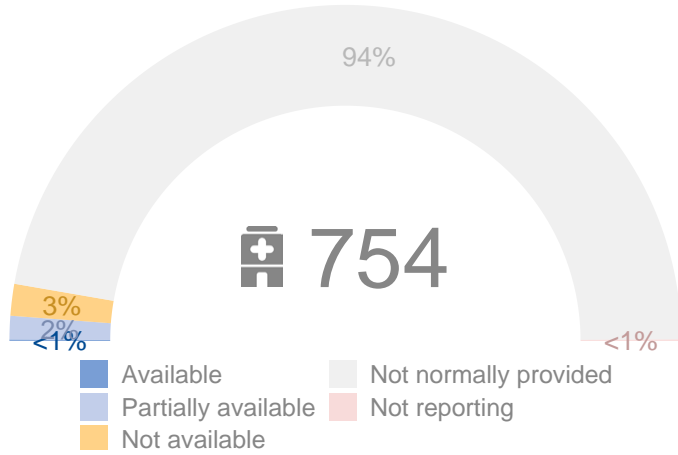
Main types of support received by HSDUs by zone



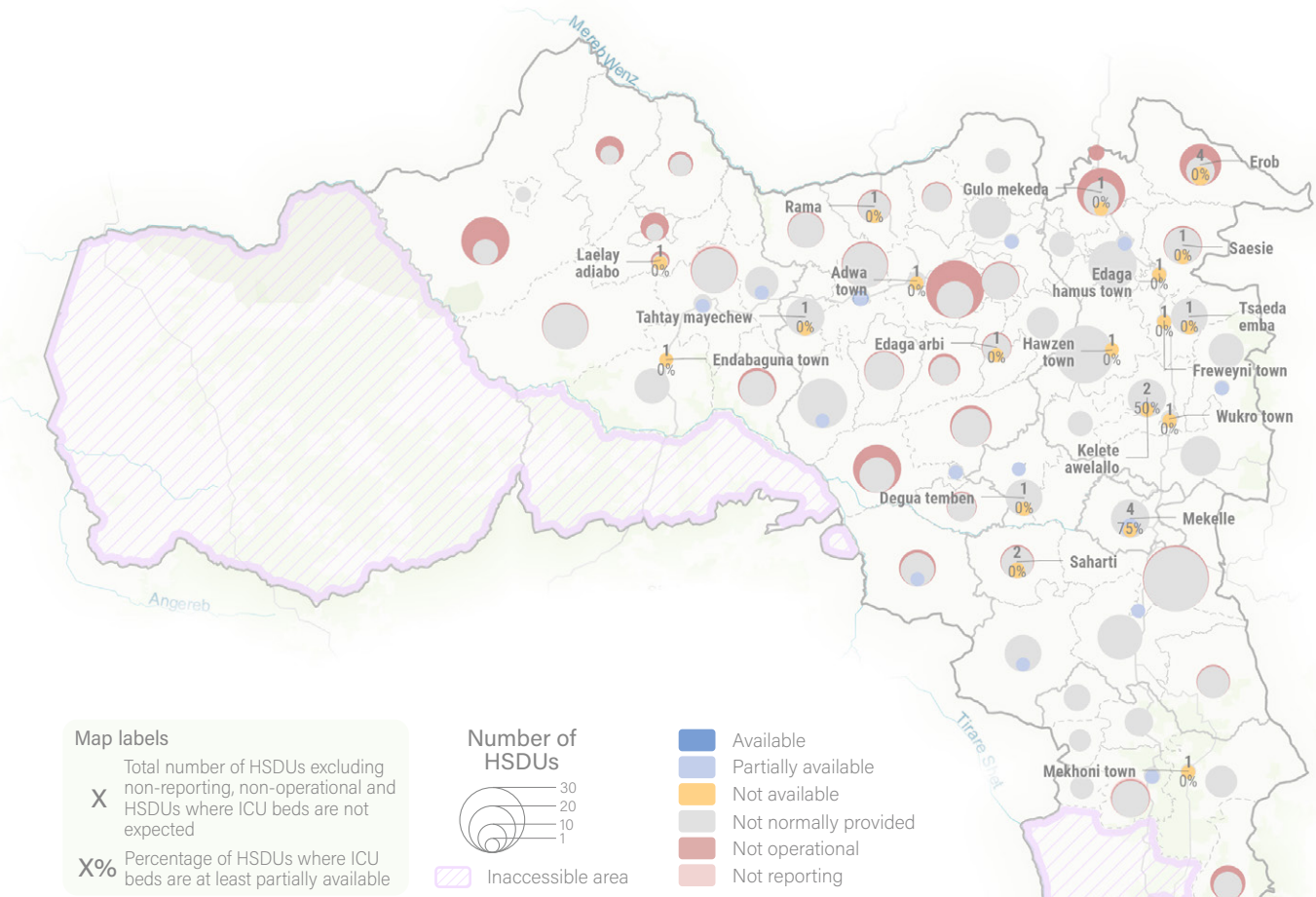
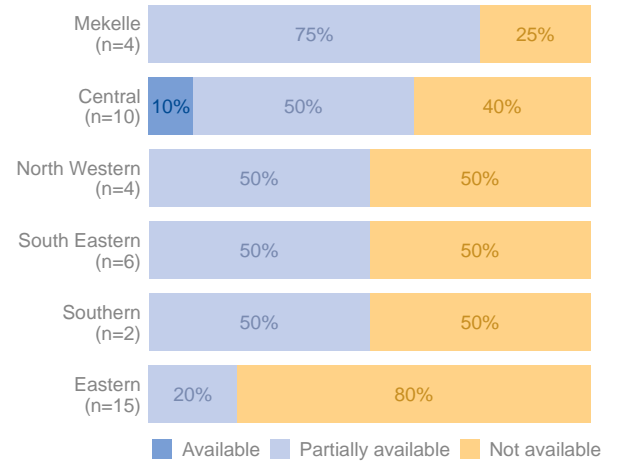
INPATIENT BED CAPACITY

Intensive Care Unit (ICU) beds

Availability of ICU beds

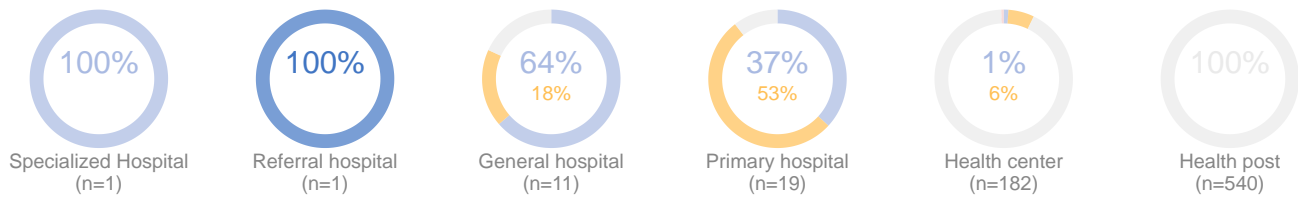


Availability of ICU beds by zone†

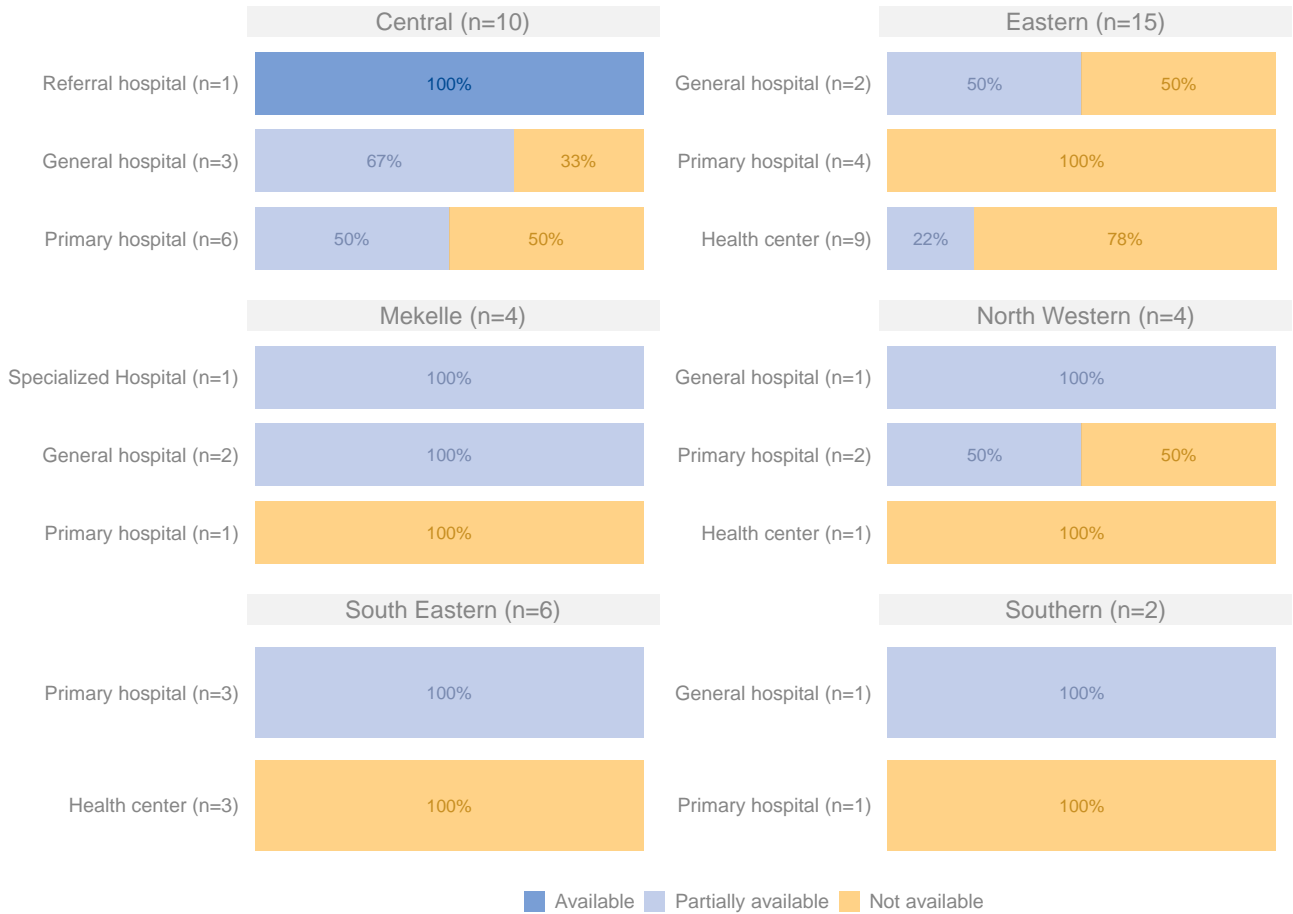


† Chart excludes HSDUs where ICU beds are not normally provided.

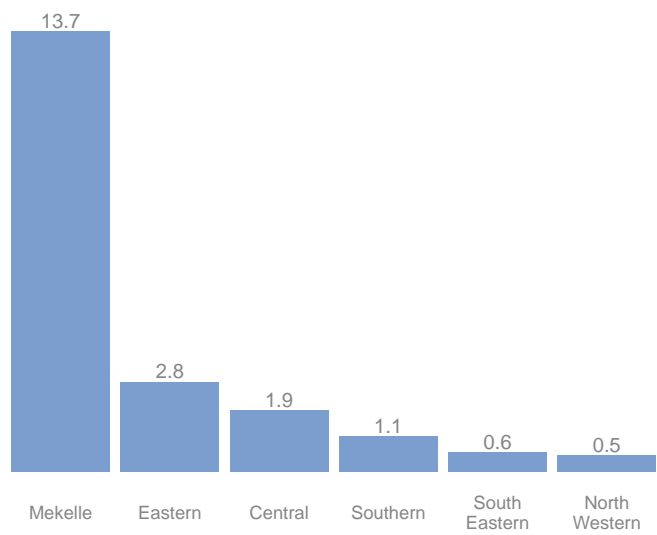
ICU beds by HSDU type



Availability of ICU beds by zone and HSDU type†

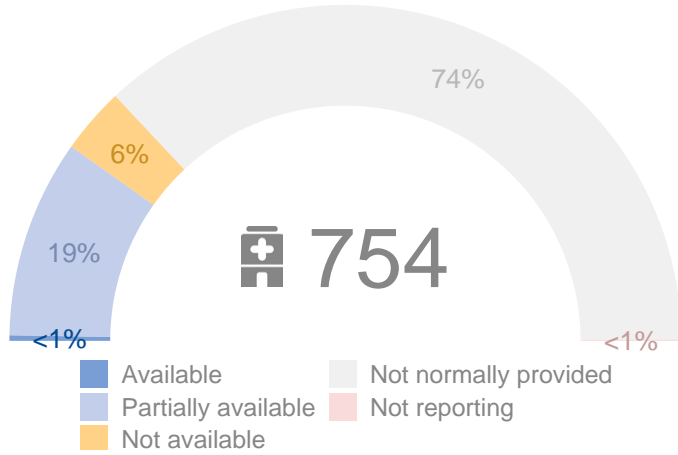


Number of ICU beds per 100,000 population

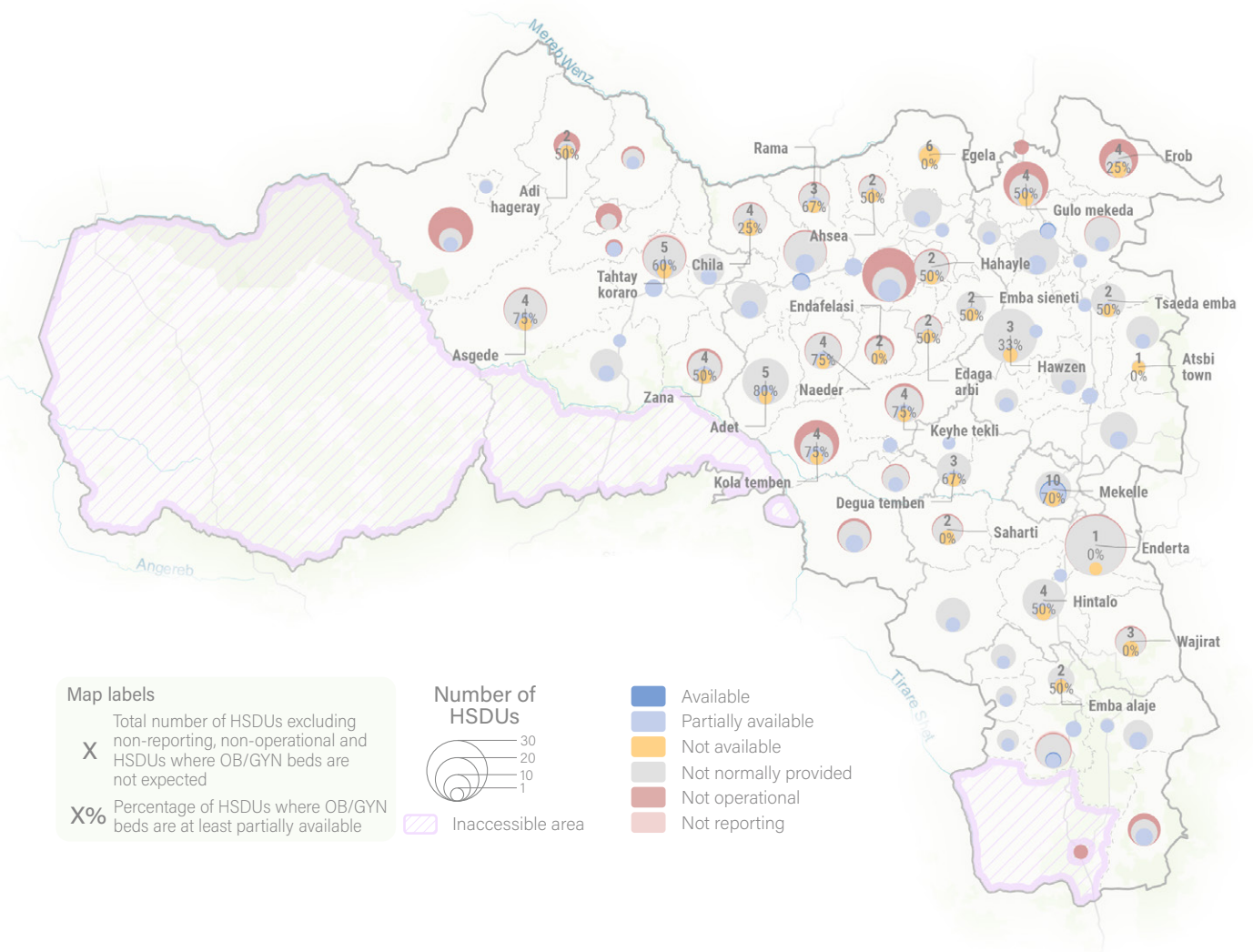
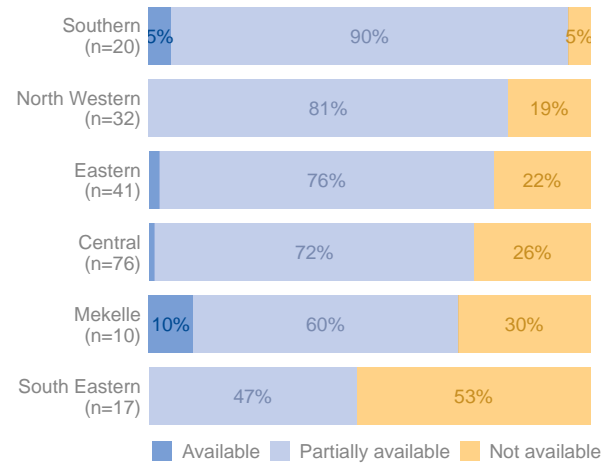


OB/GYN beds

Availability of obstetrics and gynaecology (OB/GYN) beds

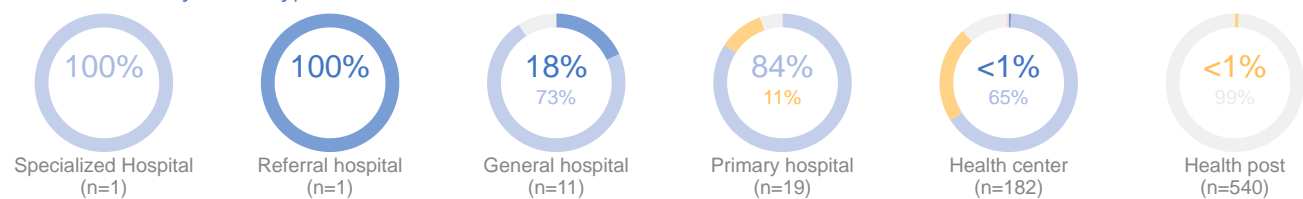


Availability of OB/GYN beds by zone†

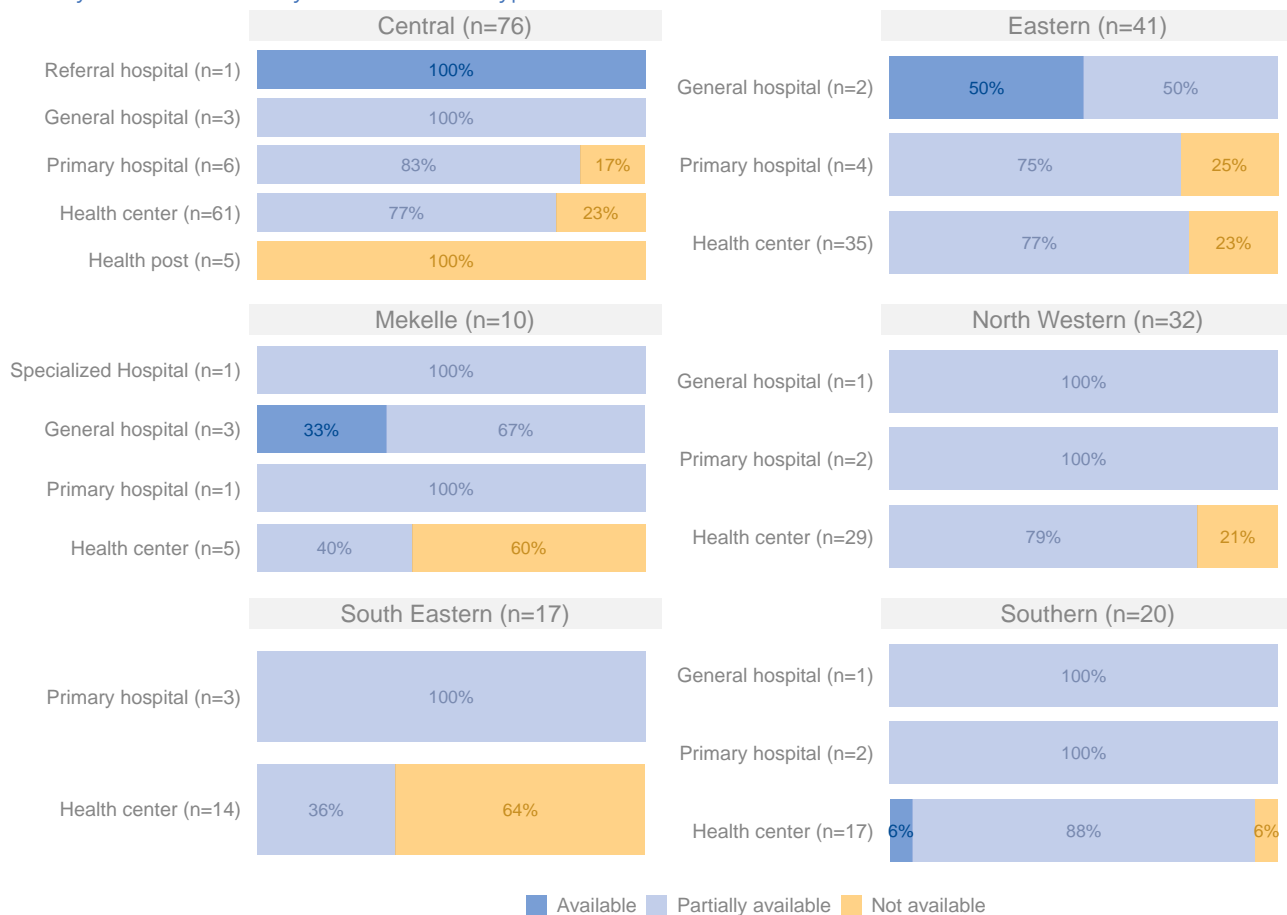


† Chart excludes HSDUs where OB/GYN beds are not normally provided.

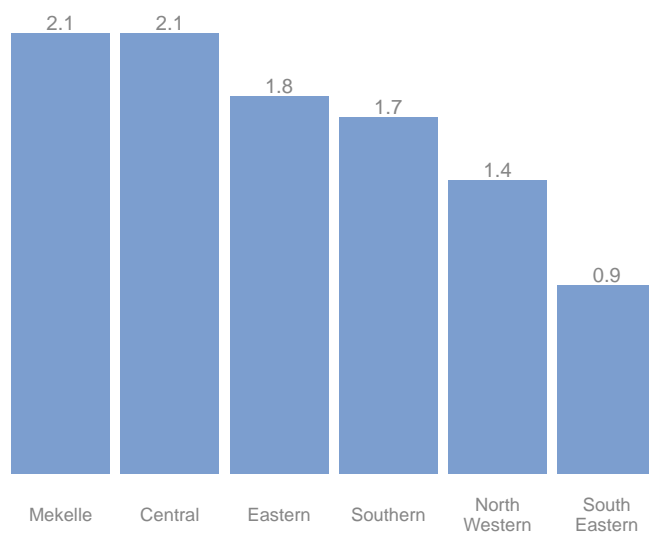
OB/GYN beds by HSDU type



Availability of OB/GYN beds by zone and HSDU type[†]

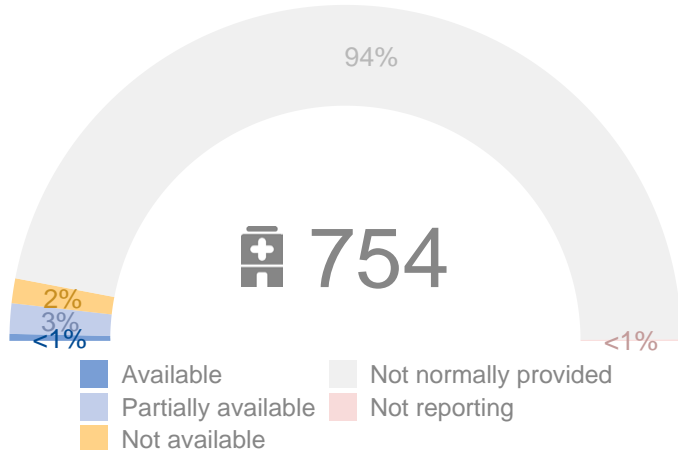


Number of OB/GYN beds per 10,000 population

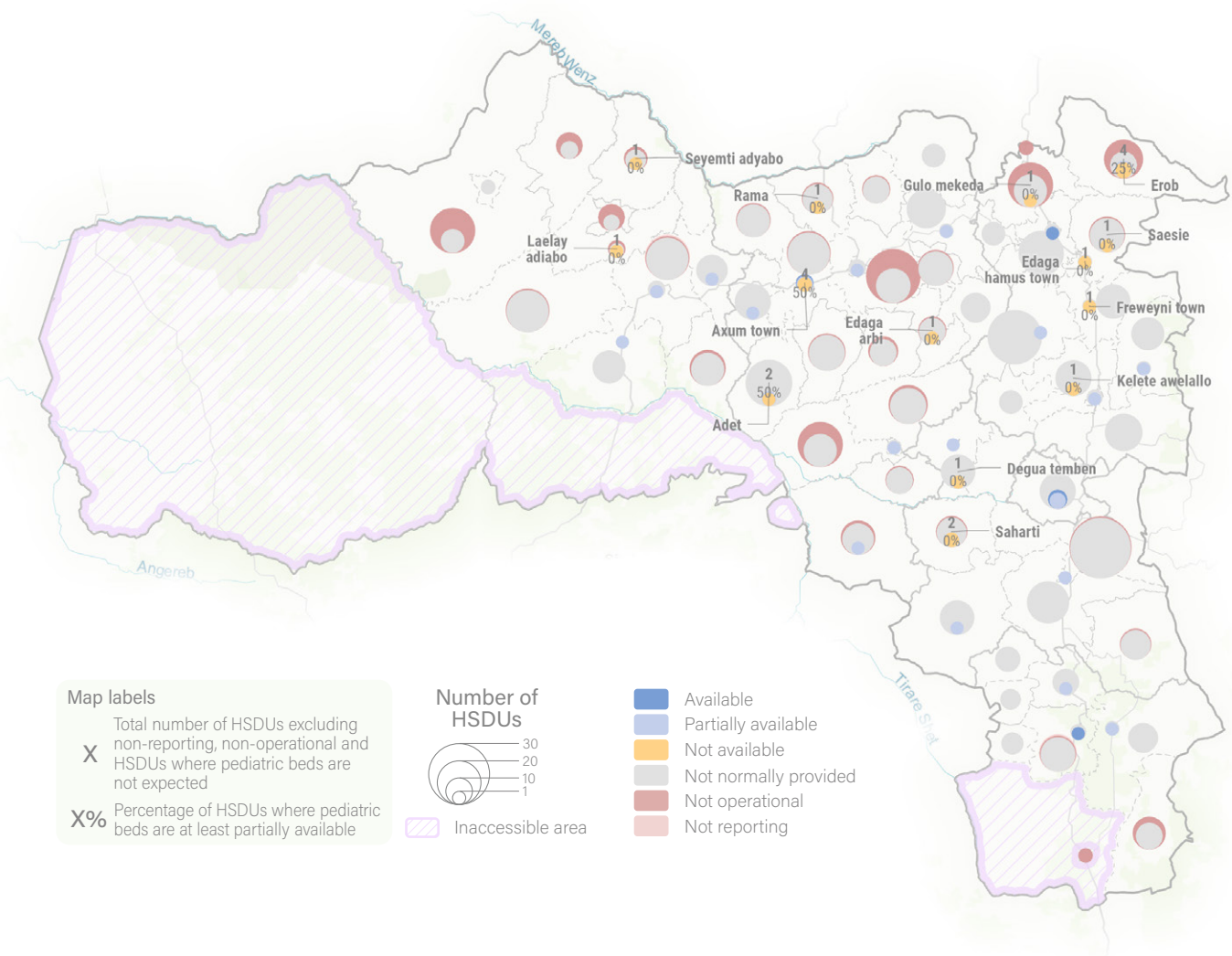
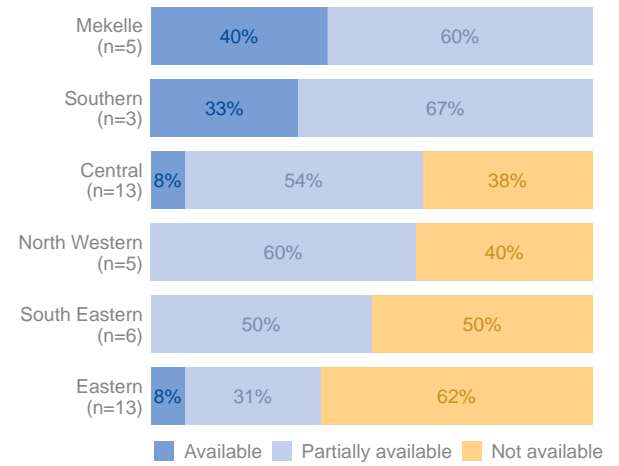


Pediatric beds

Availability of pediatric beds

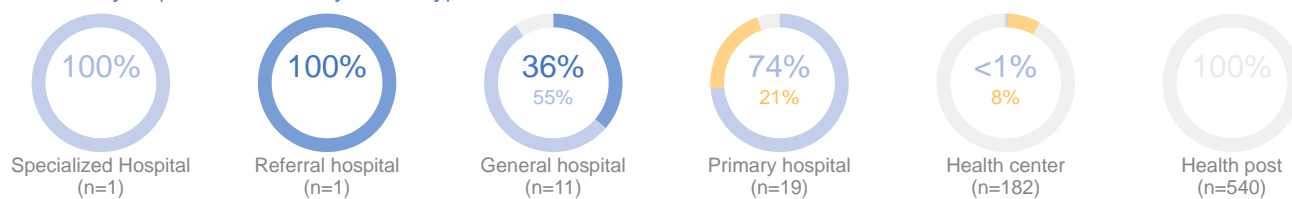


Availability of pediatric beds by zone†

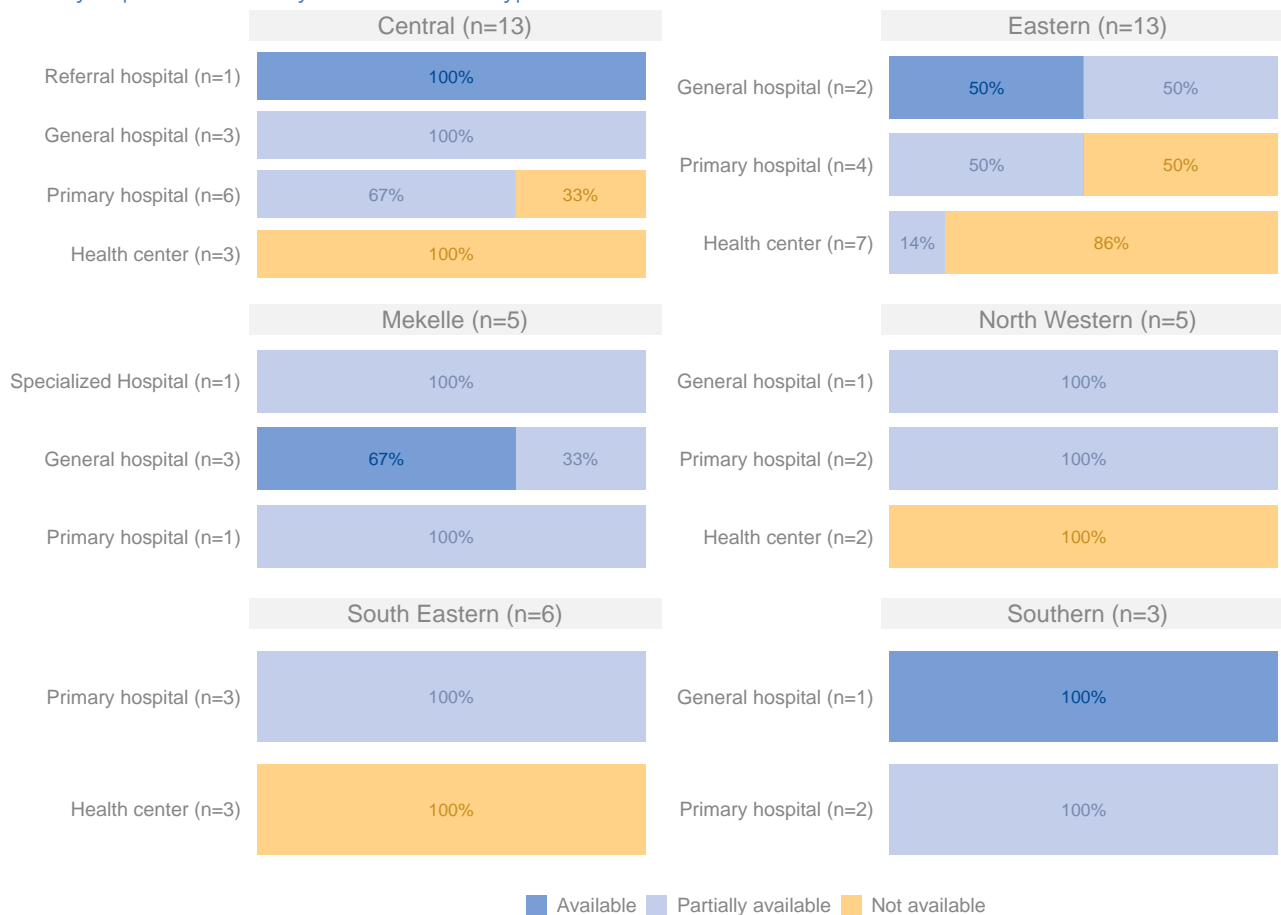


† Chart excludes HSDUs where pediatric beds are not normally provided.

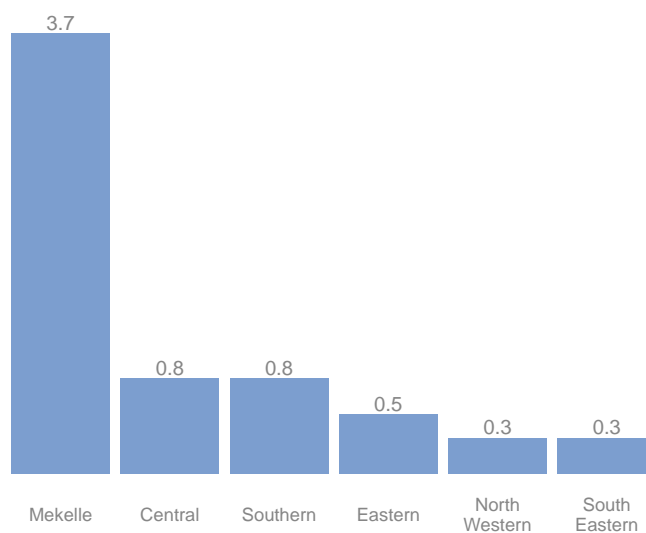
Availability of pediatric beds by HSDU type



Availability of pediatric beds by zone and HSDU type†

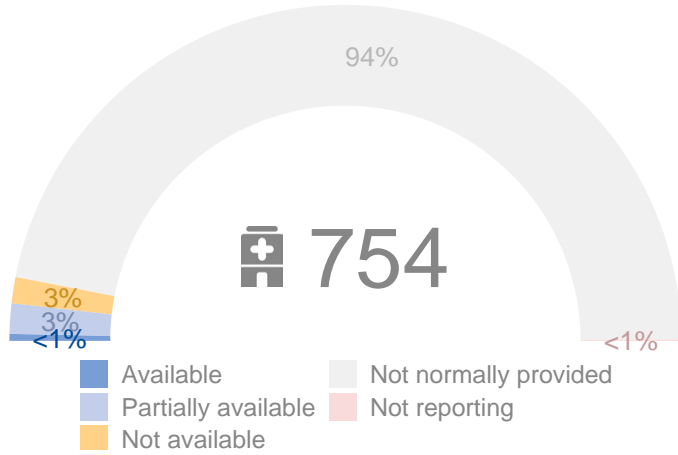


Number of Pediatric beds per 10,000 population

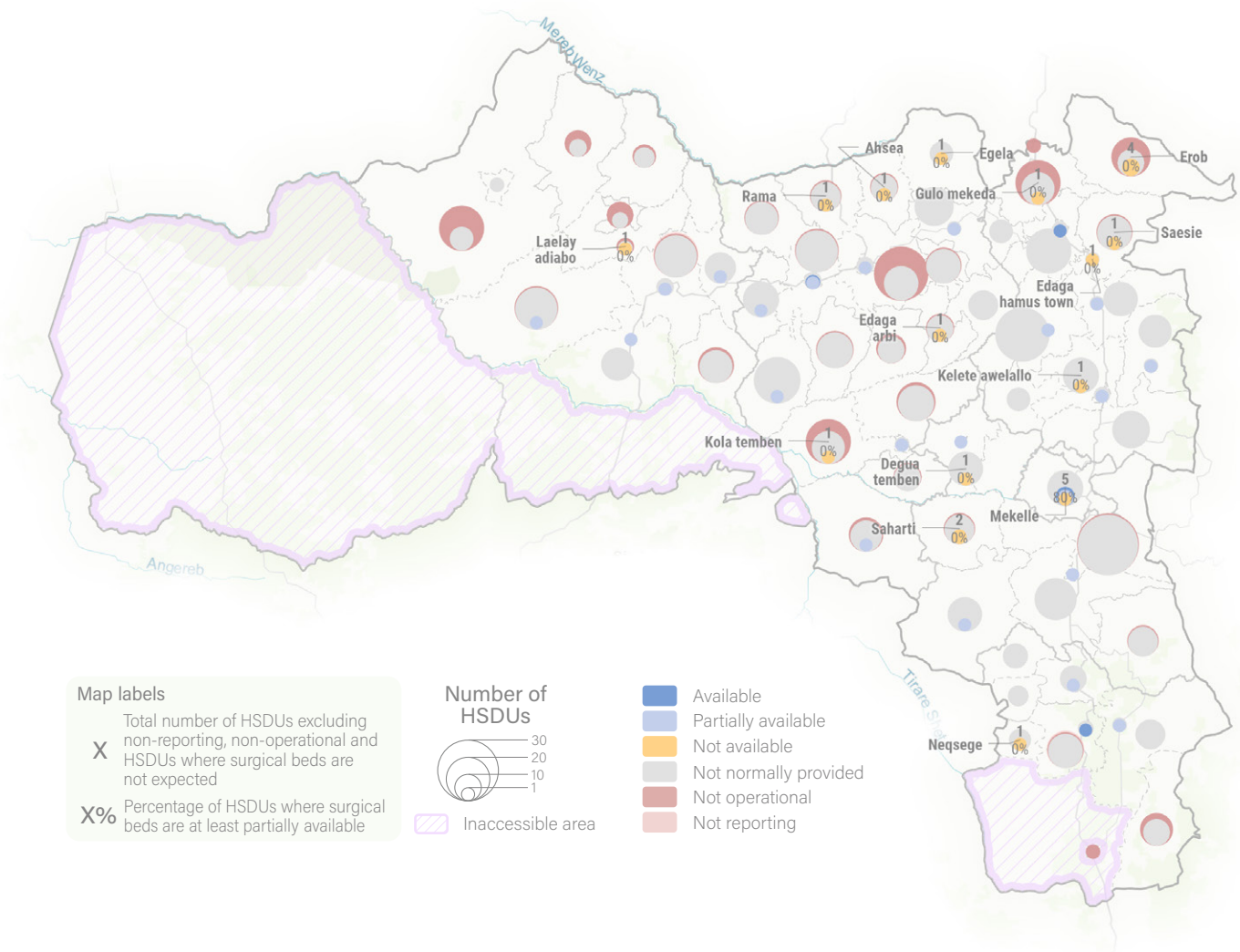
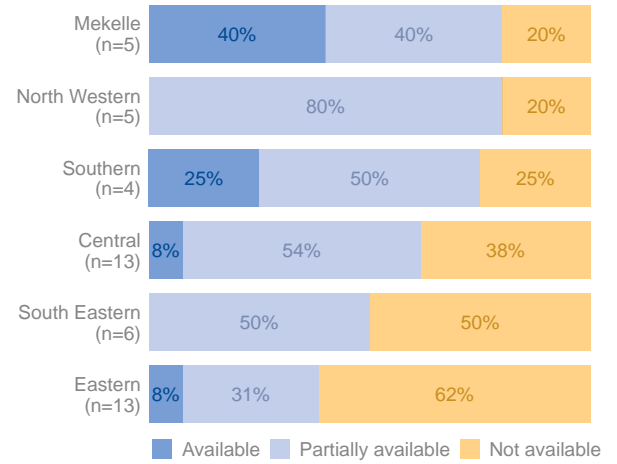


Surgical beds

Availability of surgical beds

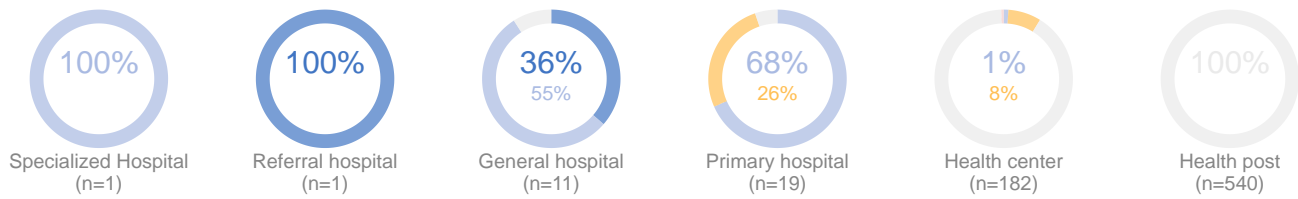


Availability of surgical beds by zone†

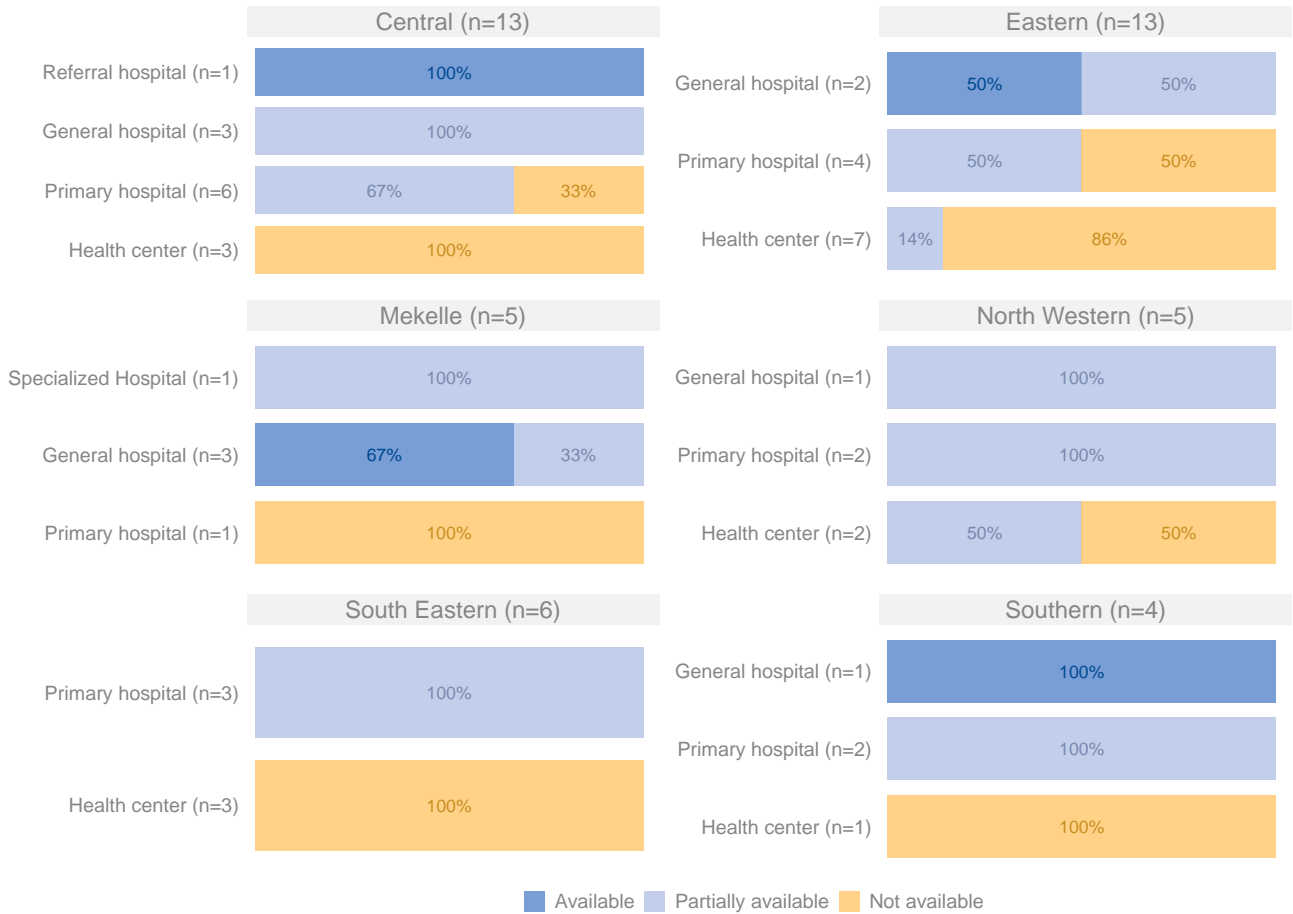


† Chart excludes HSDUs where surgical beds are not normally provided.

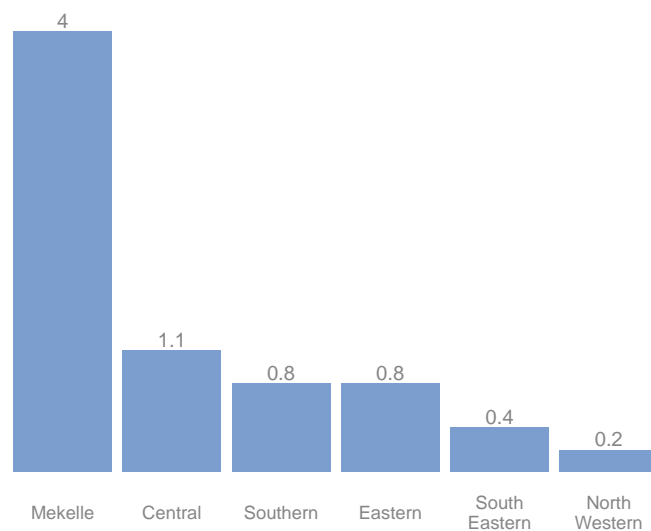
Availability of surgical beds by HSDU type



Availability of surgical beds by zone and HSDU type†

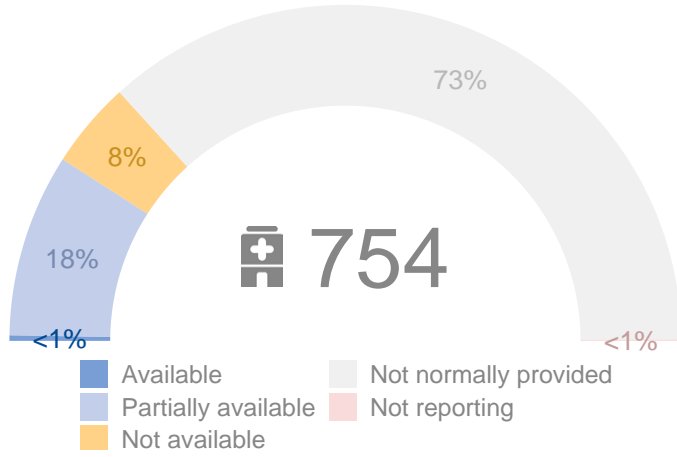


Number of Surgical beds per 10,000 population

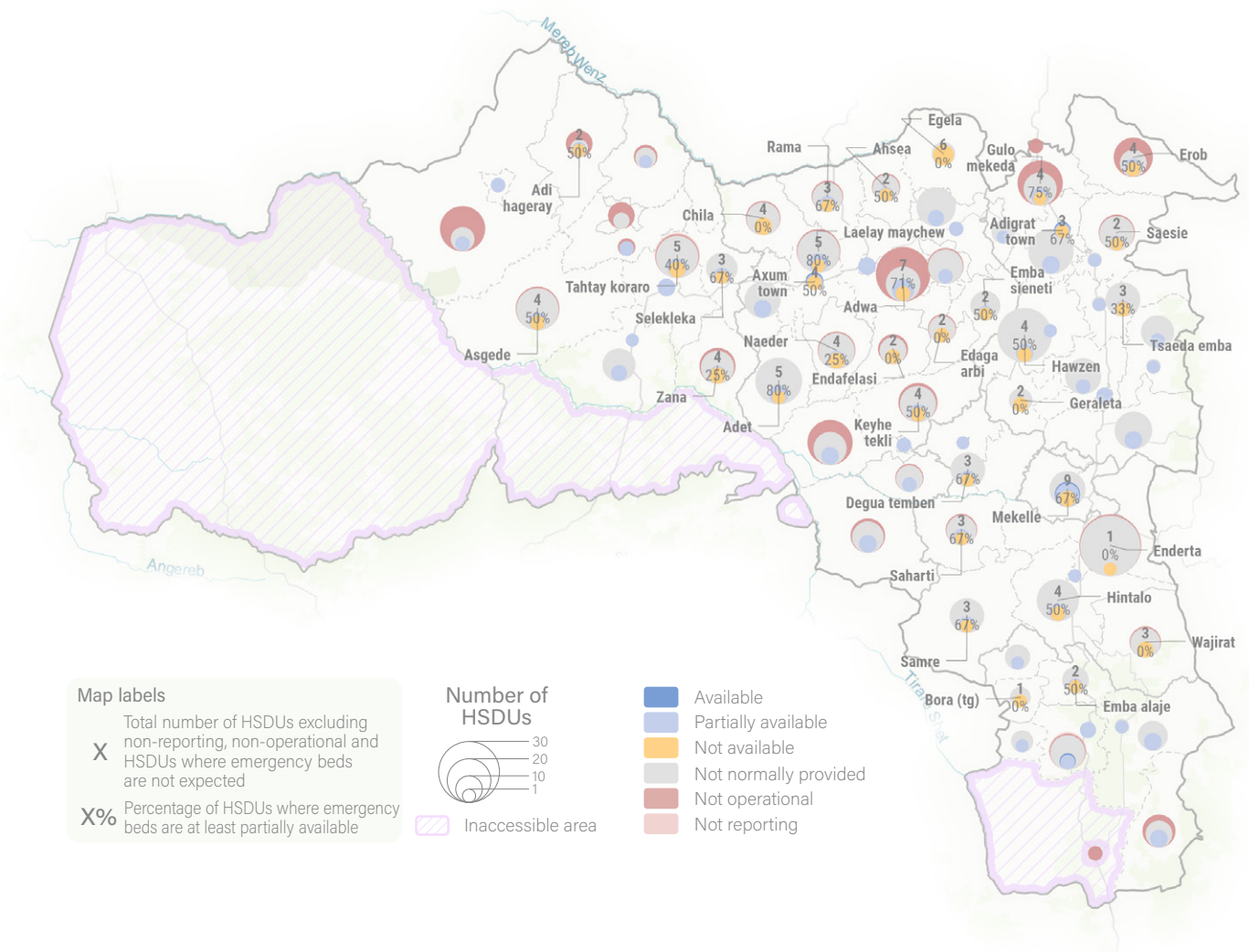
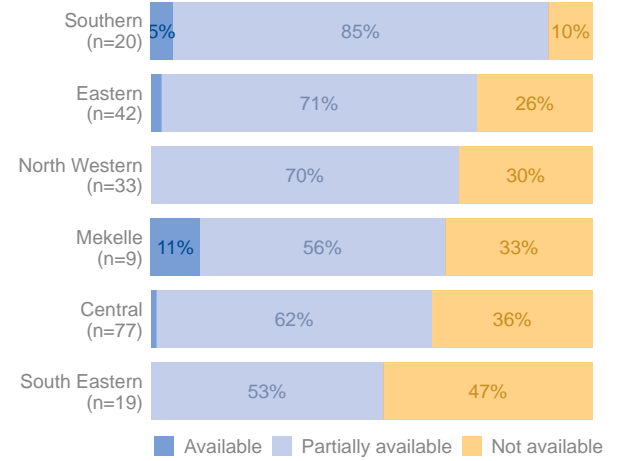


Emergency beds

Availability of emergency beds

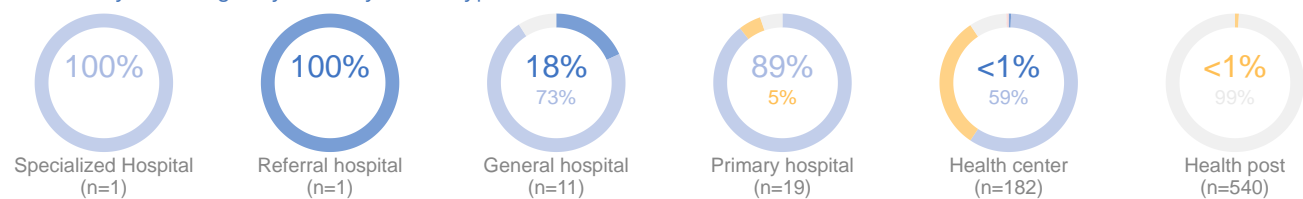


Availability of emergency beds by zone†

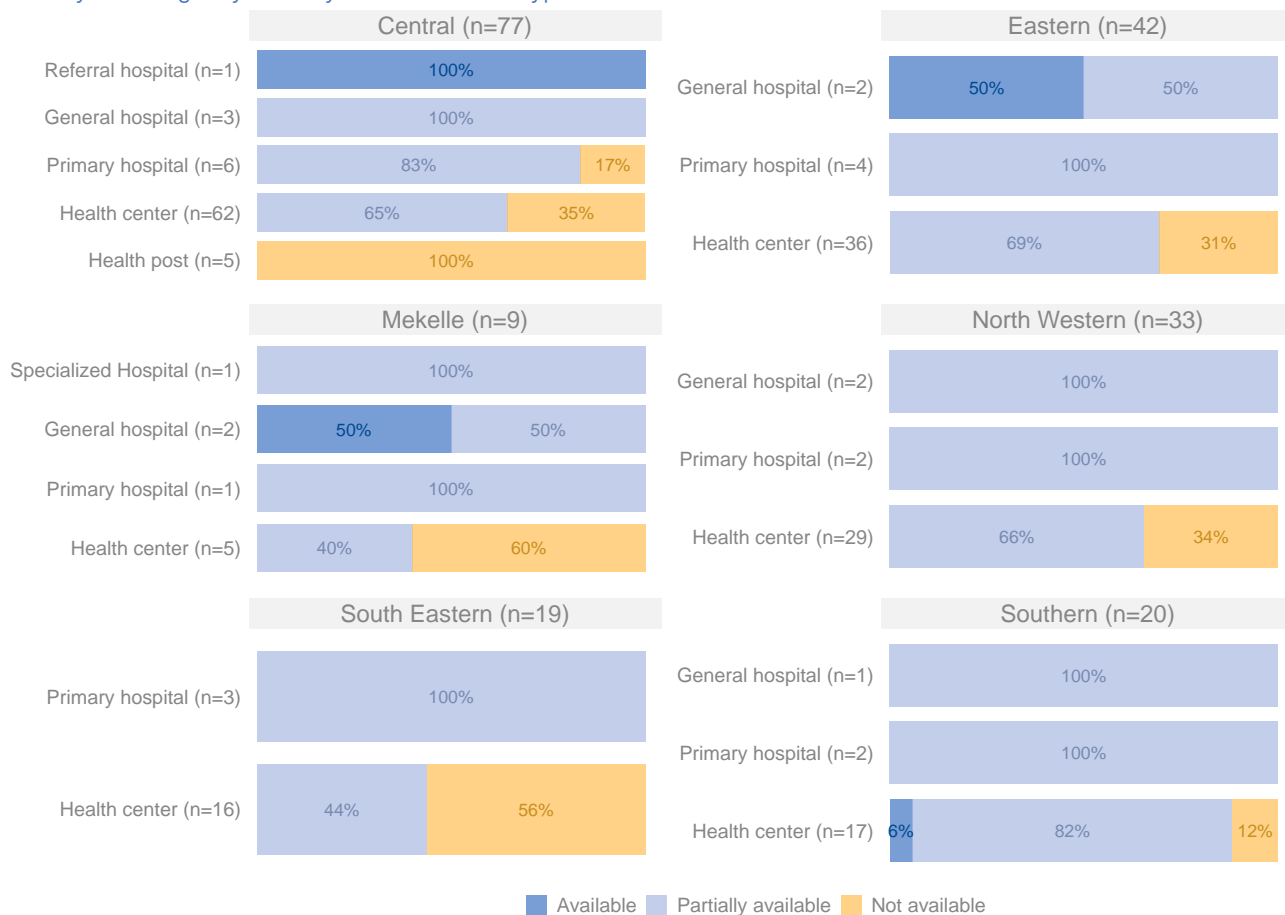


† Chart excludes HSDUs where Emergency beds are not normally provided

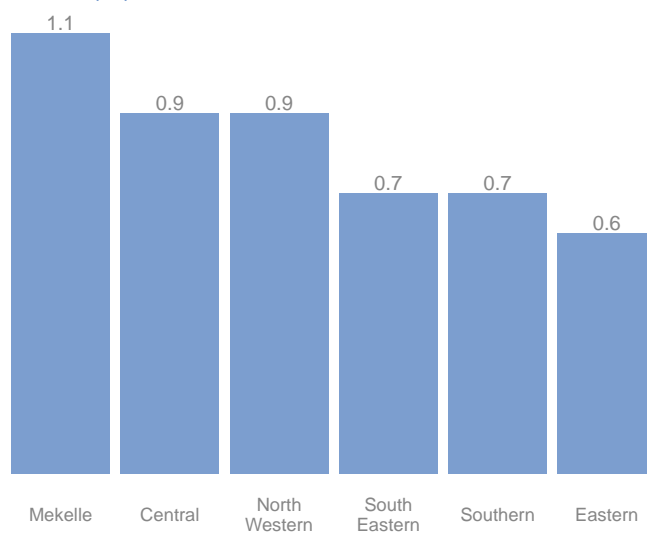
Availability of emergency beds by HSDU type



Availability of emergency beds by zone and HSDU type[†]

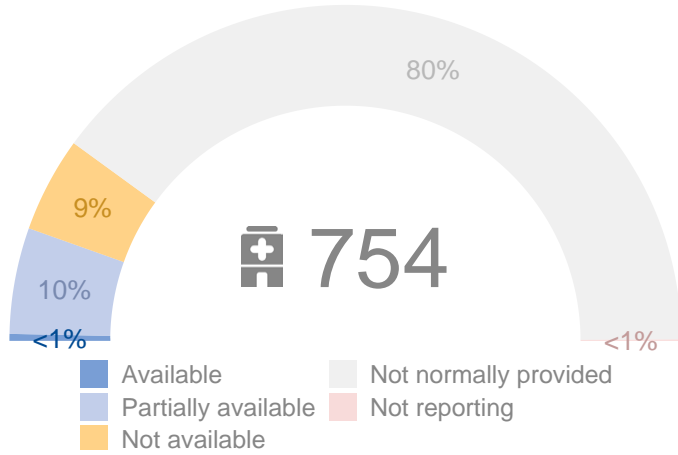


Number of Emergency beds per 10,000 population

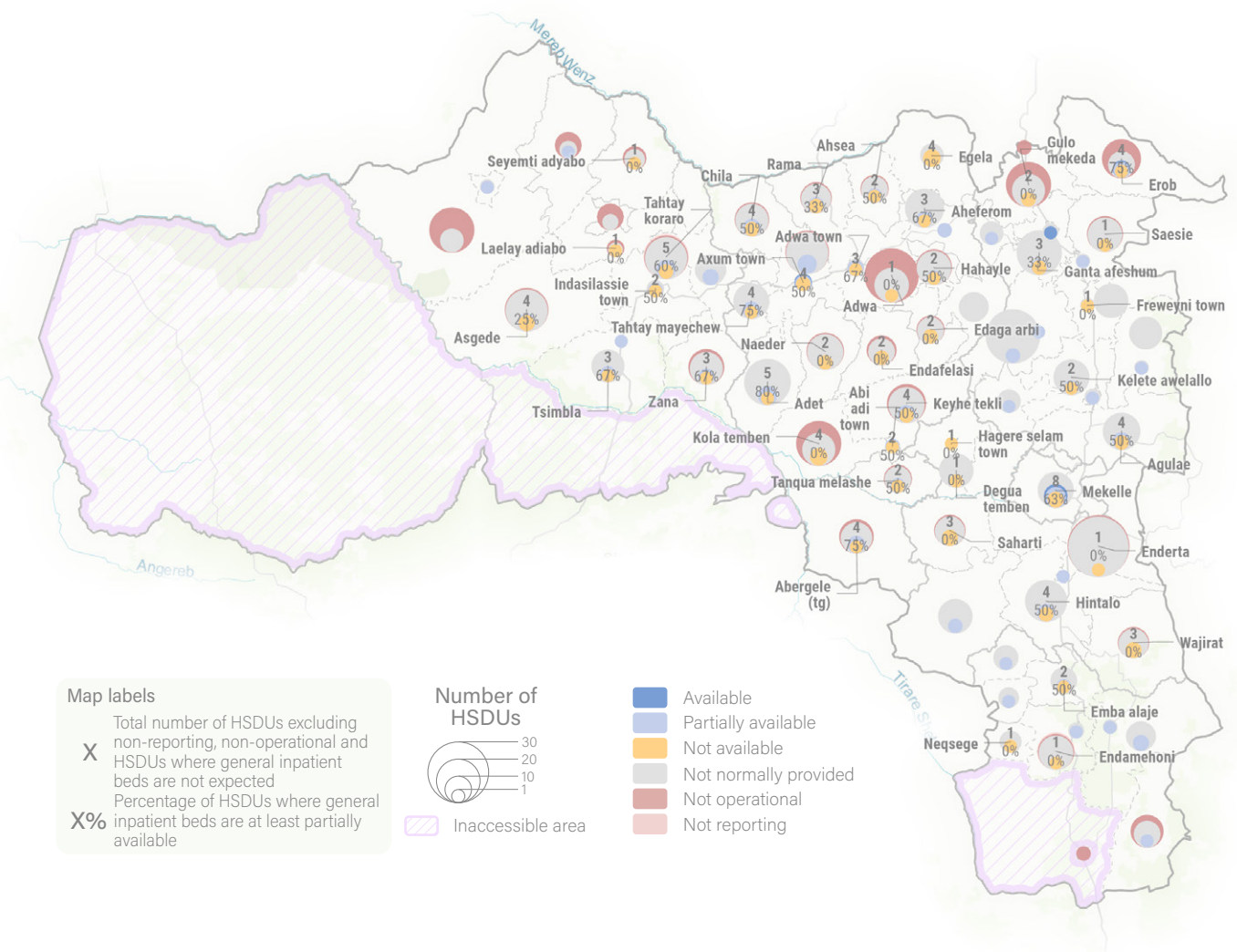
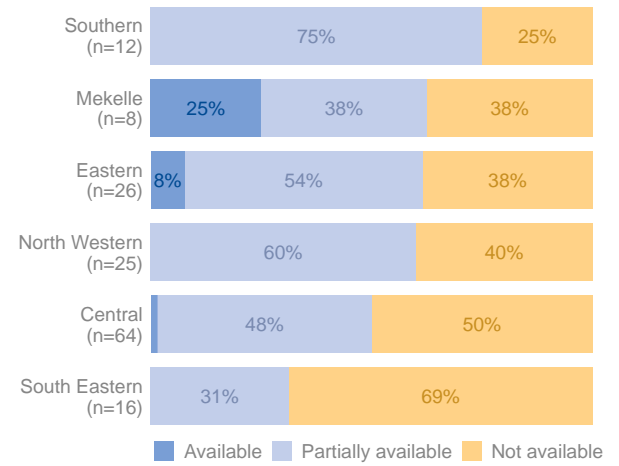


General inpatient beds

Availability of general inpatient beds

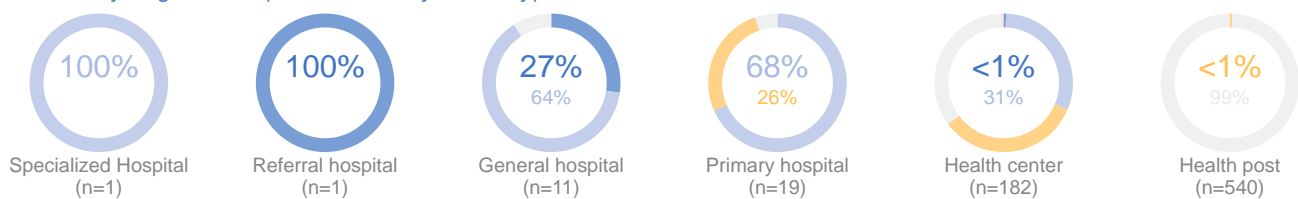


Availability of general inpatient beds by zone†

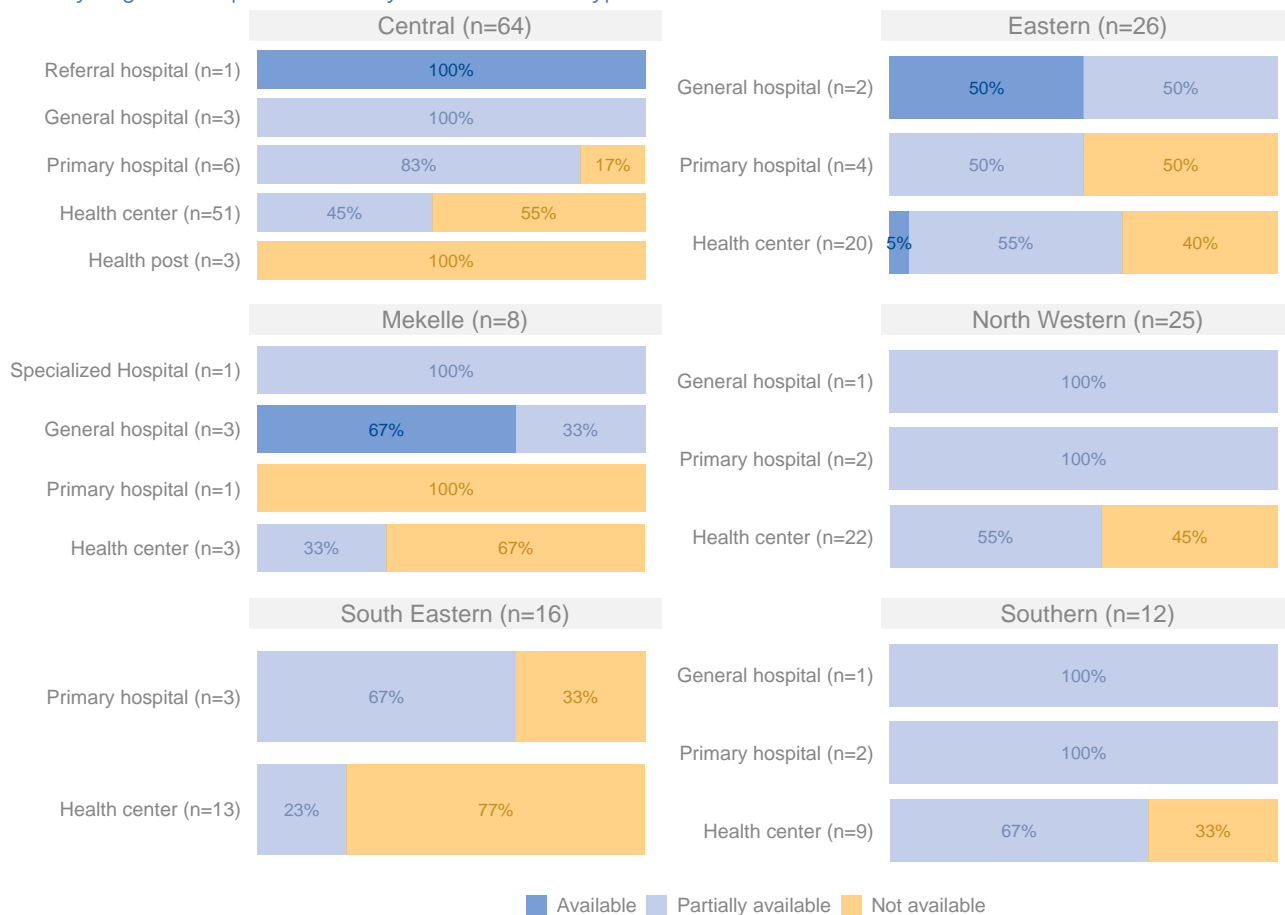


† Chart excludes HSDUs where general inpatient beds are not normally provided.

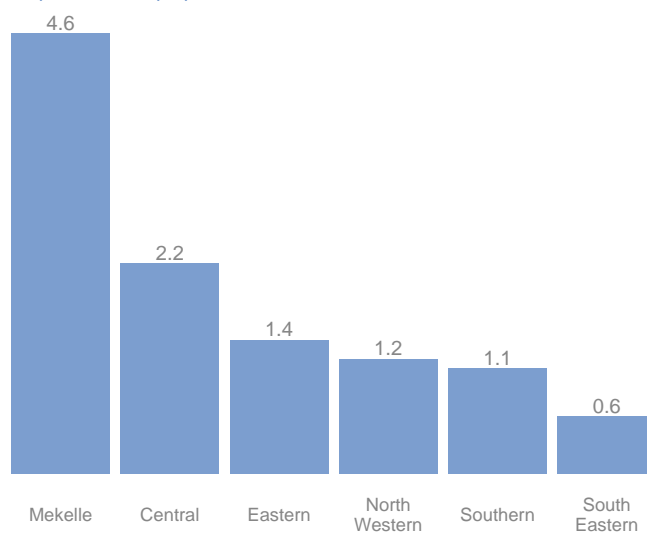
Availability of general inpatient beds by HSDU type



Availability of general inpatient beds by zone and HSDU type†



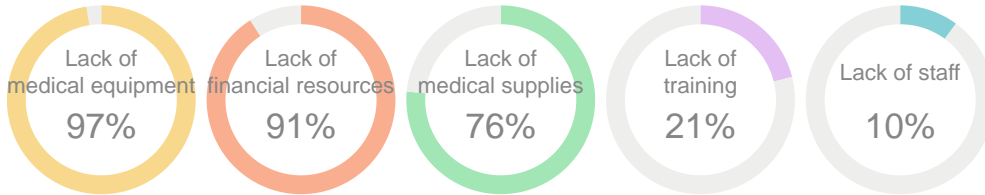
Number of general inpatient beds per 10,000 population



Barriers to inpatient bed capacity

Main reasons of unavailability

n = 199



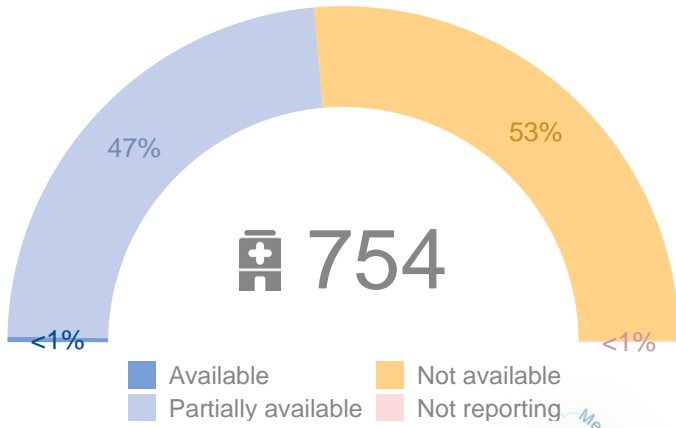
Main reasons of unavailability by zone



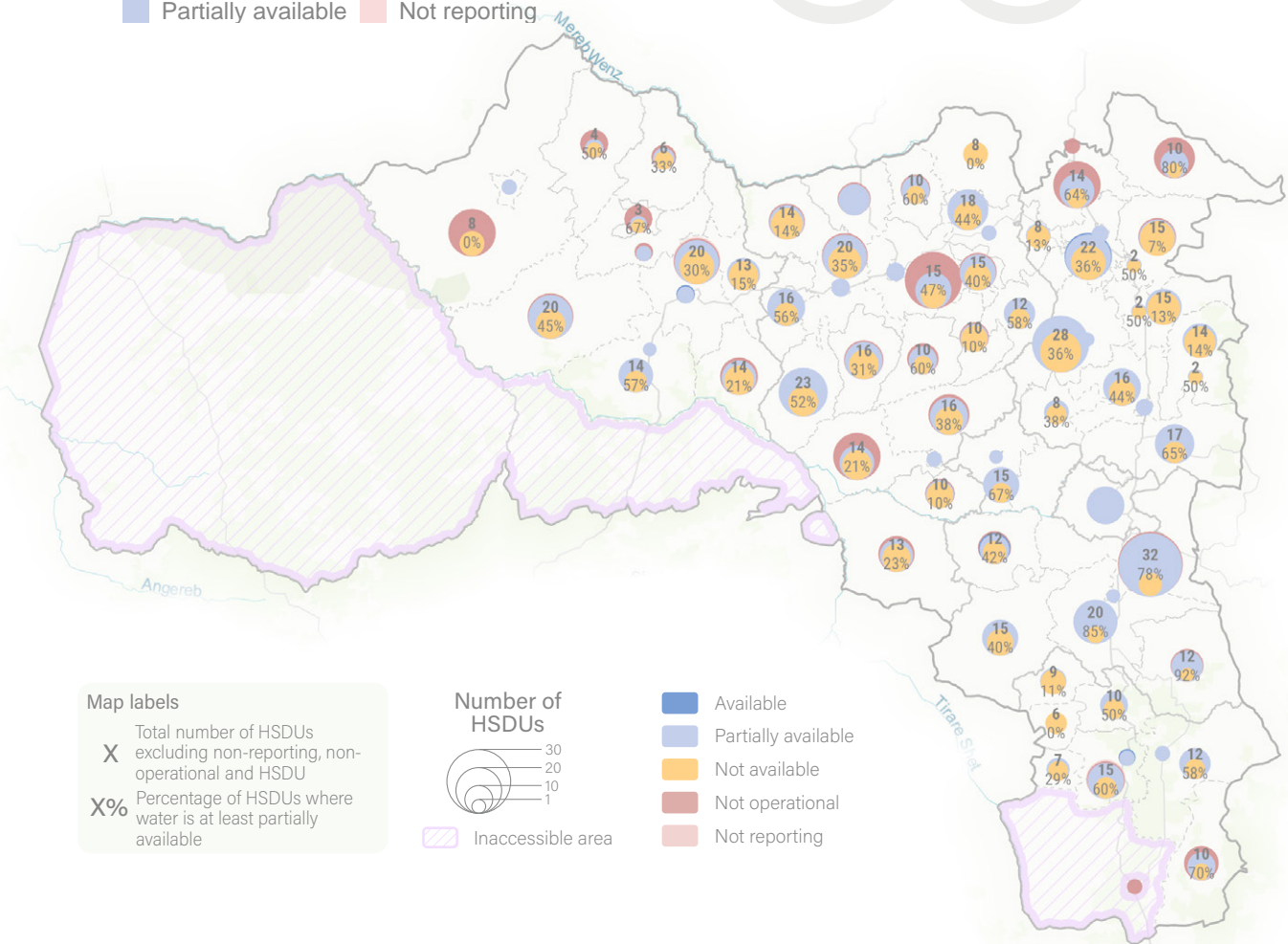
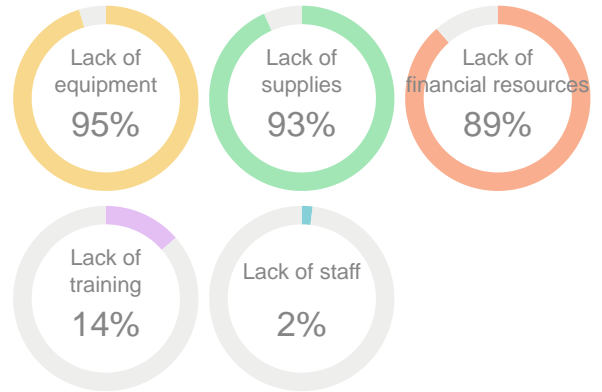
WATER

Water availability

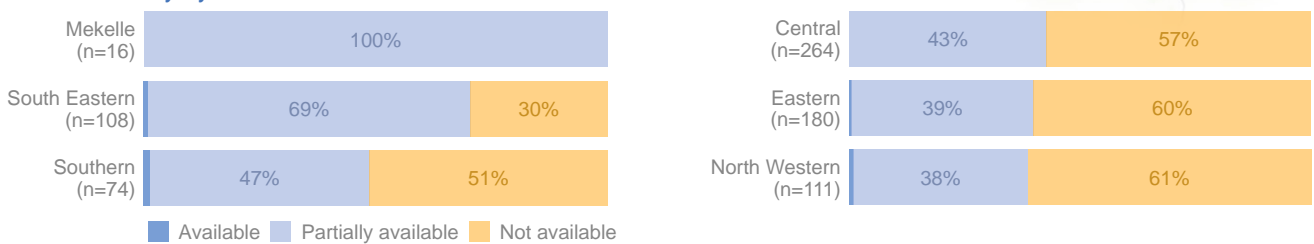
Water availability⁷



Main reasons of unavailability
n = 749

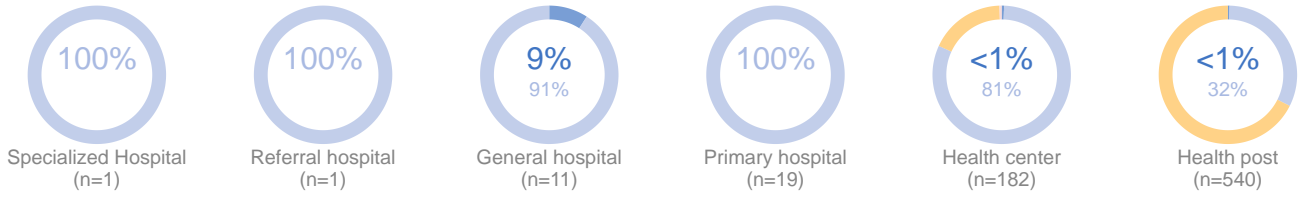


Water availability by zone

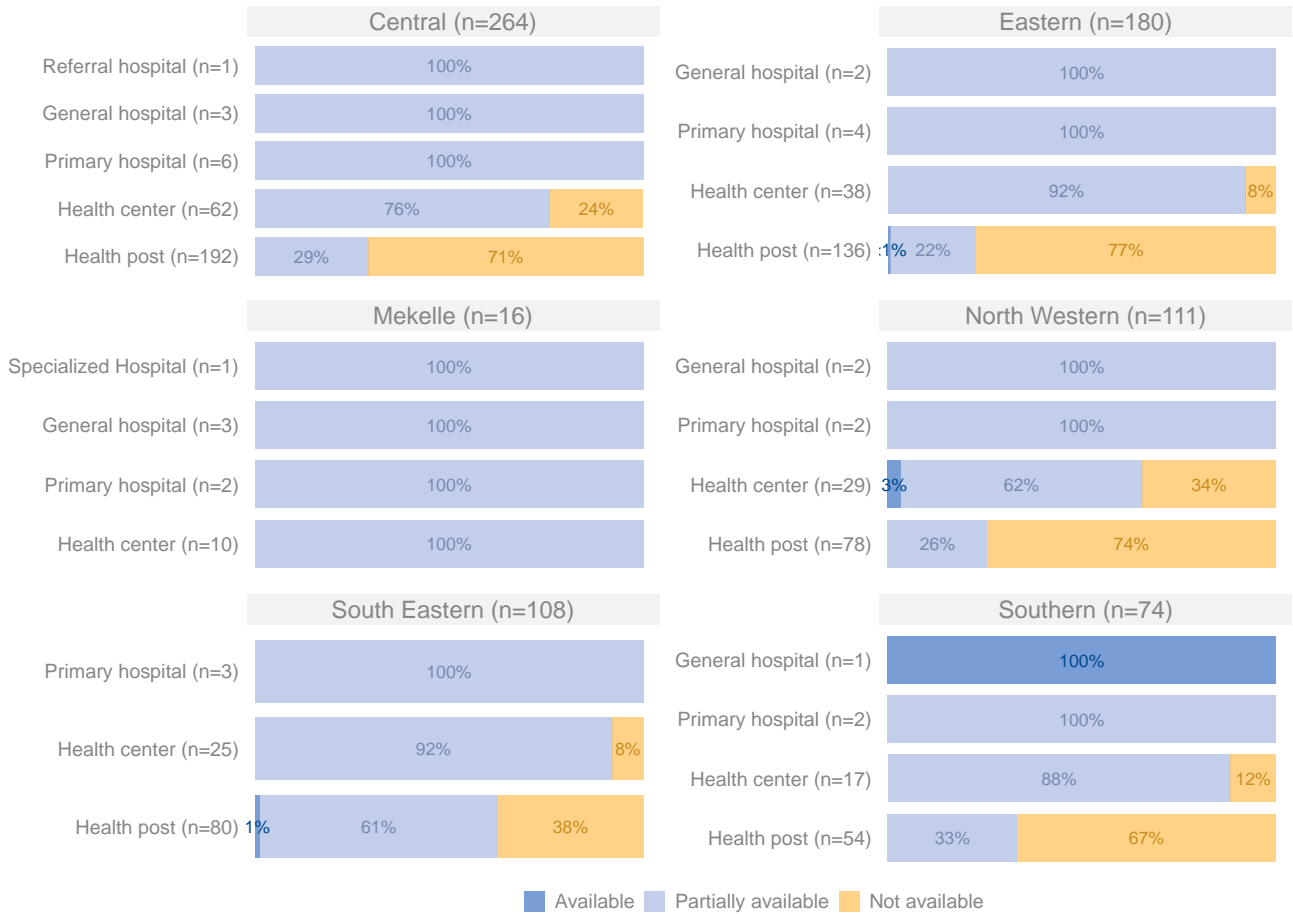


⁷ Water is considered available if water is available in sufficient quantities and qualities within the premises of the HSDU. Water should either come from improved water sources or should be treated on-site following national guidelines.

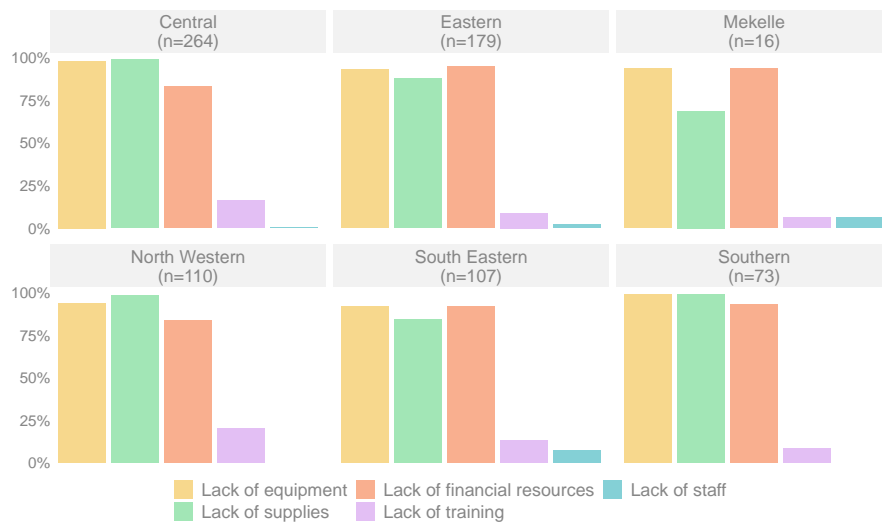
Water availability by HSDU type



Water availability by zone and HSDU type



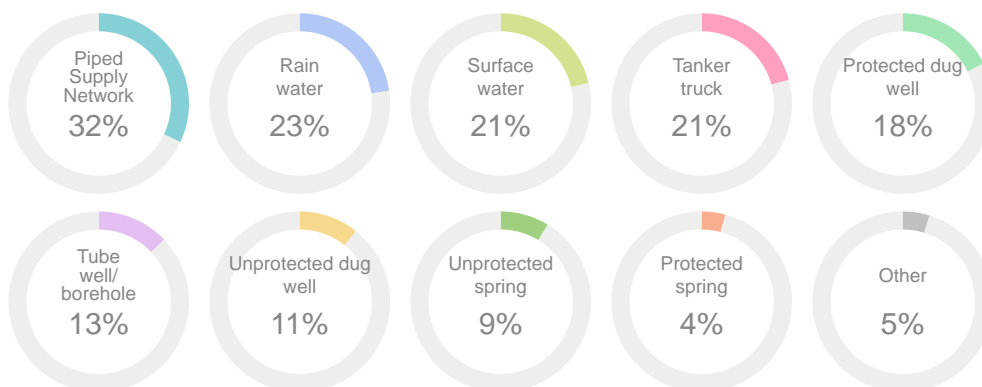
Main reasons of unavailability by zone



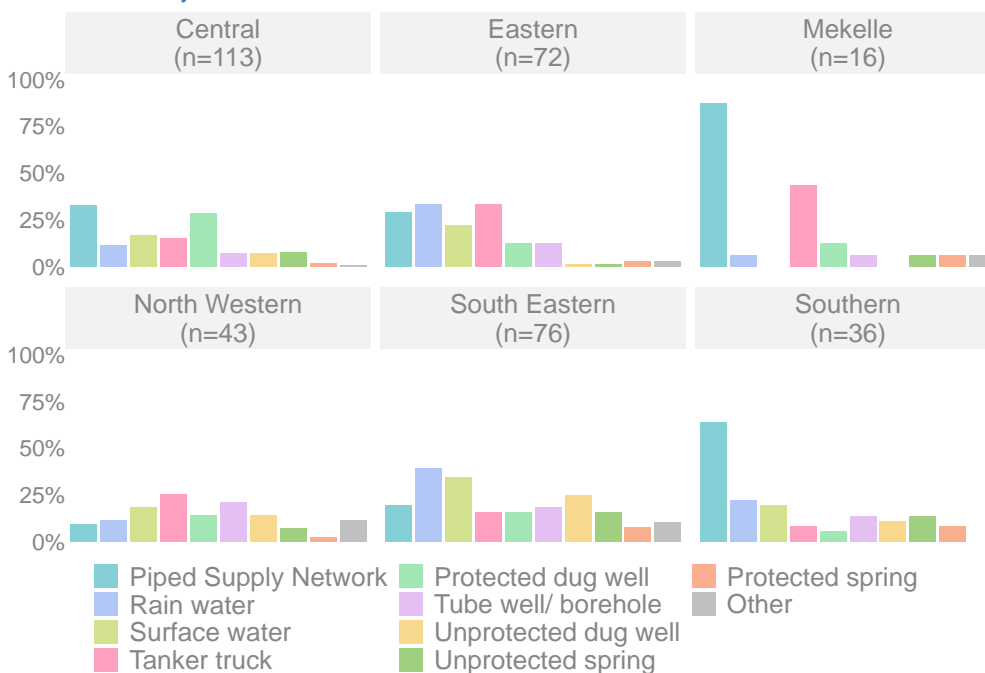
Water sources

Main water sources available

n = 356



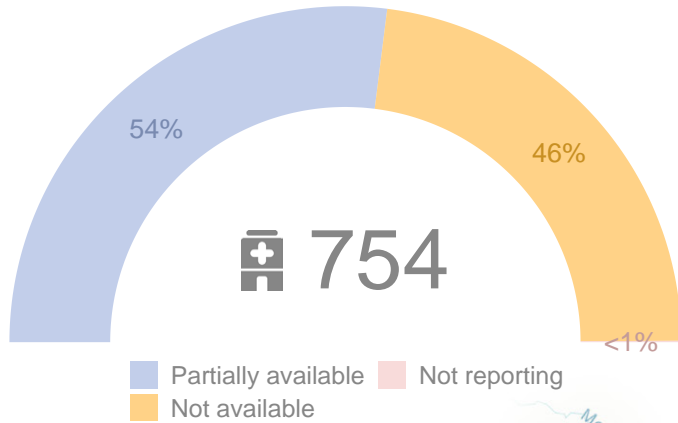
Main water sources available by zone



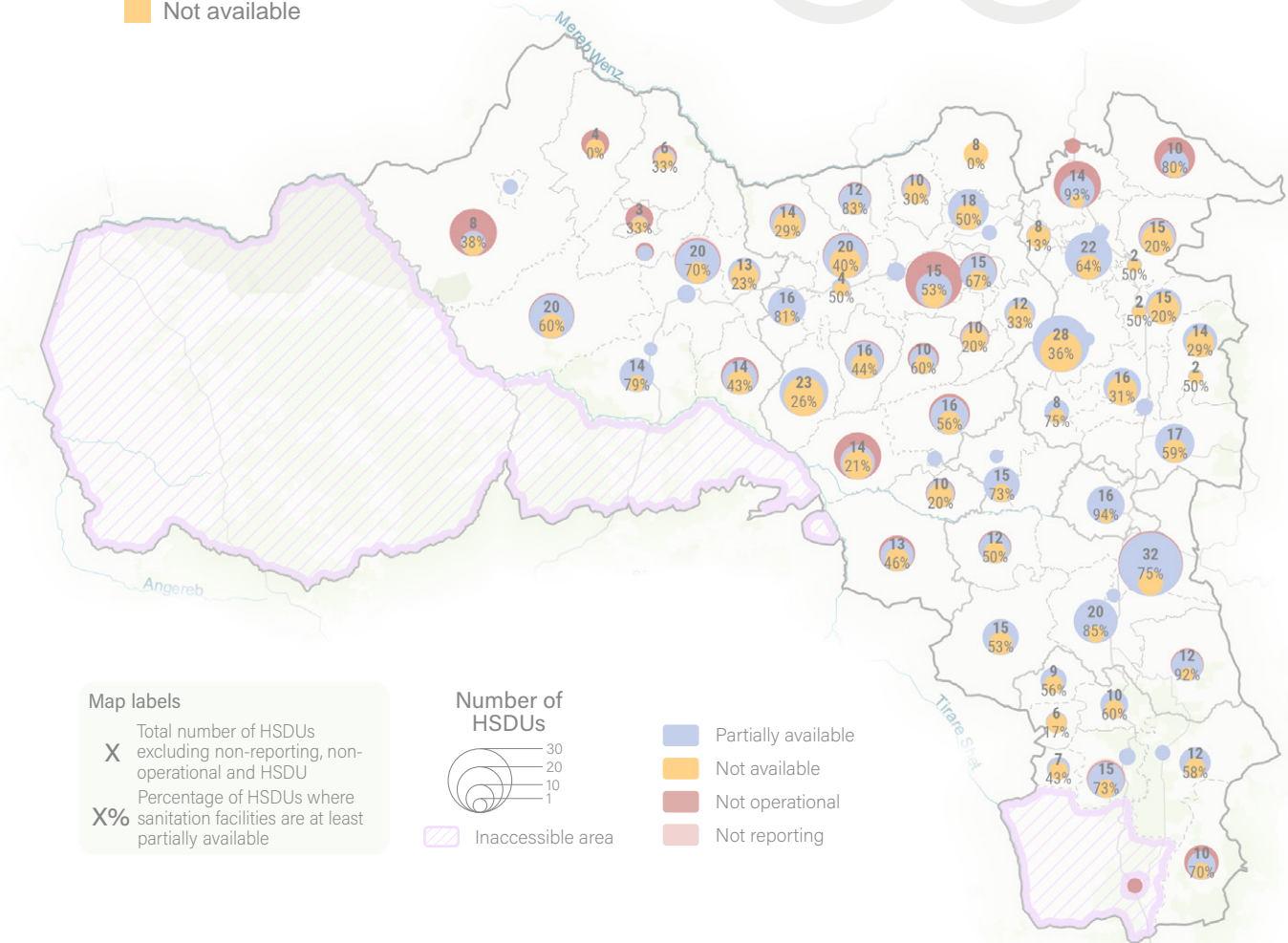
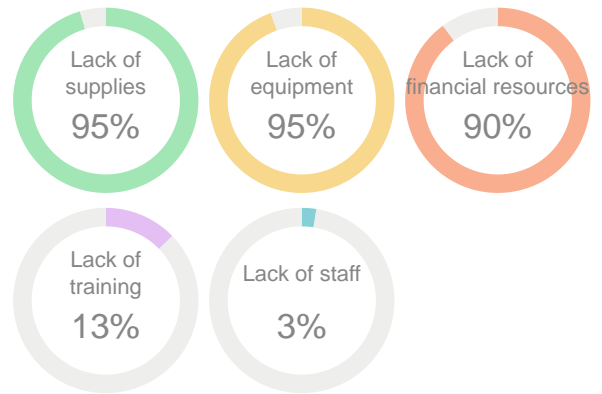
SANITATION

Availability of sanitation facilities

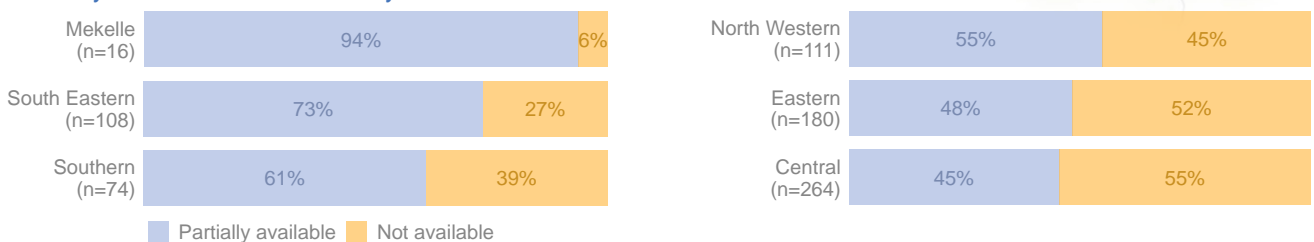
Availability of sanitation facilities⁸



Main reasons of unavailability
n = 753

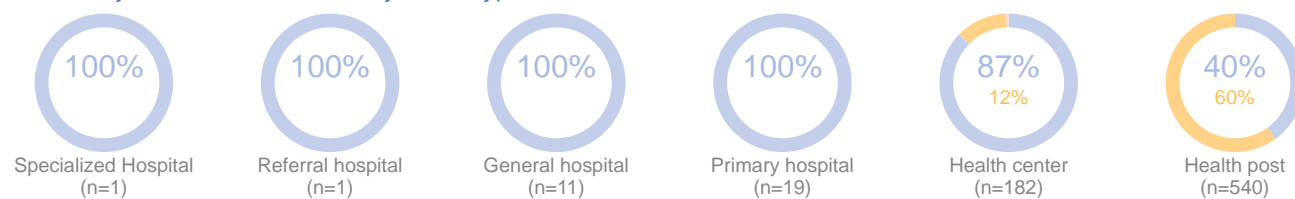


Availability of sanitation facilities by zone

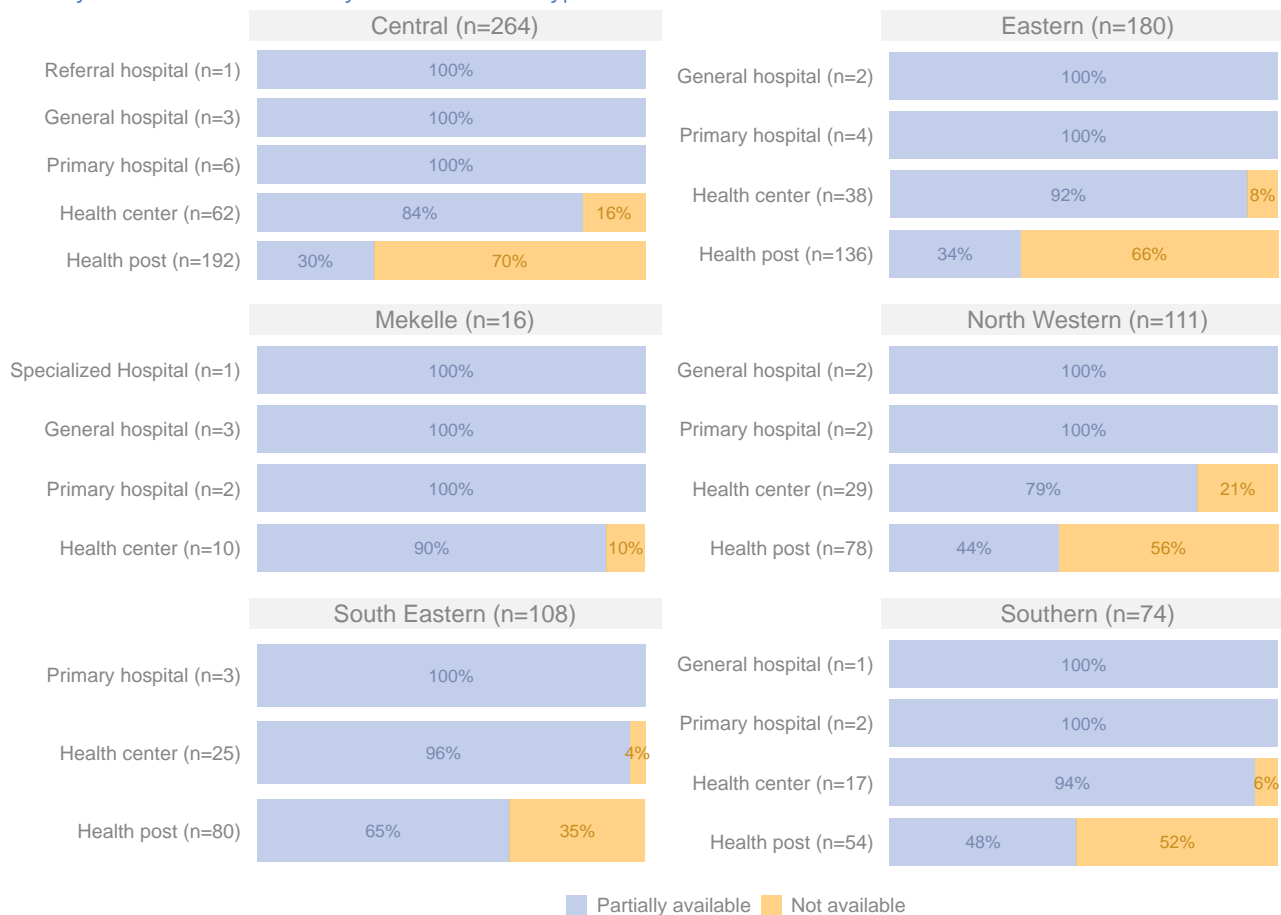


⁸ Sanitation facilities are considered available if the HSDU has sufficient improved and usable sanitation facilities with at least one toilet reserved for staff, at least one sex-separated toilet with facilities for menstrual hygiene, and at least one toilet accessible to users with reduced mobility.

Availability of sanitation facilities by HSDU type



Availability of sanitation facilities by zone and HSDU type



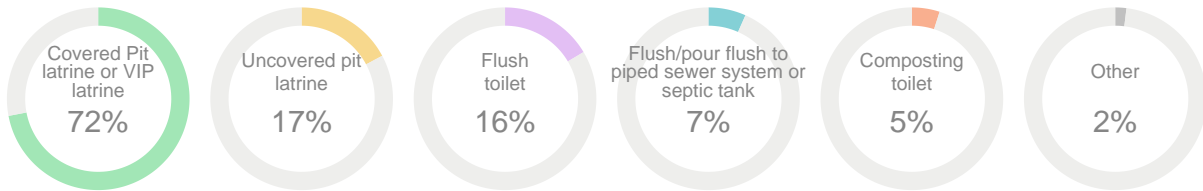
Main reasons of unavailability by zone



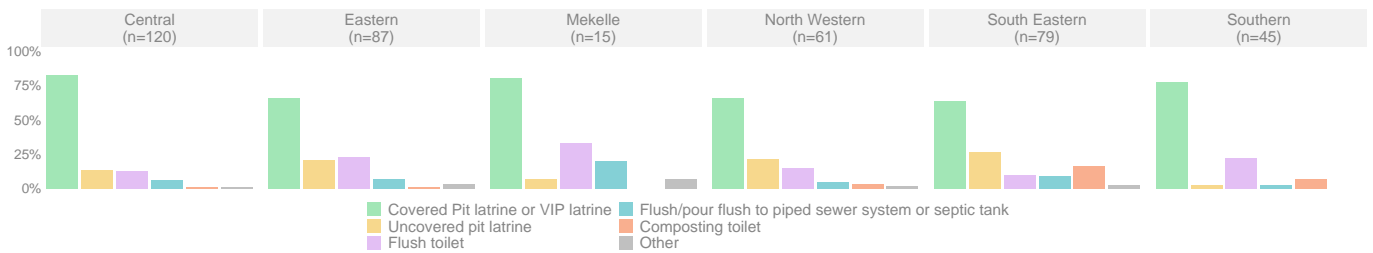
Sanitation facility types

Main sanitation facility types available

n = 407



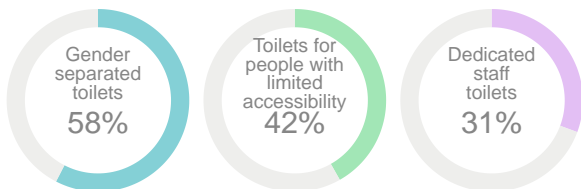
Main sanitation facility types available by zone



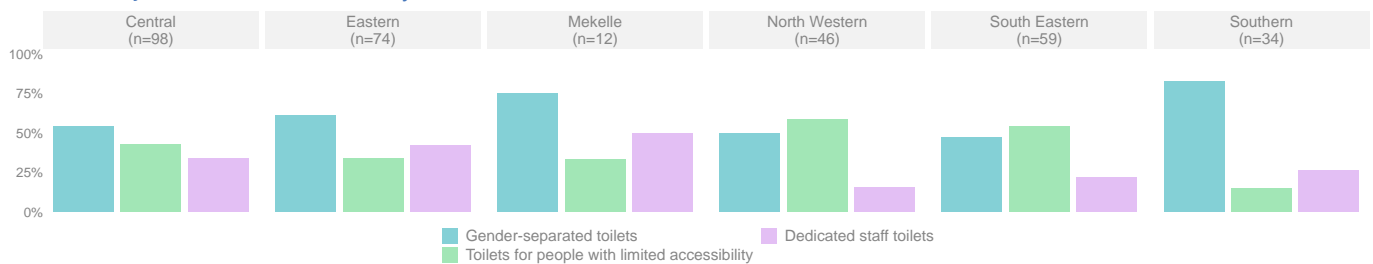
Sanitation facility accessibility

Accessibility of sanitation facilities

n = 323



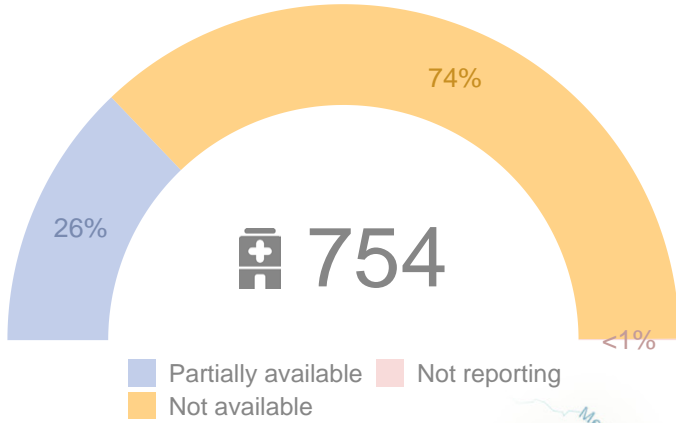
Accessibility of sanitation facilities by zone



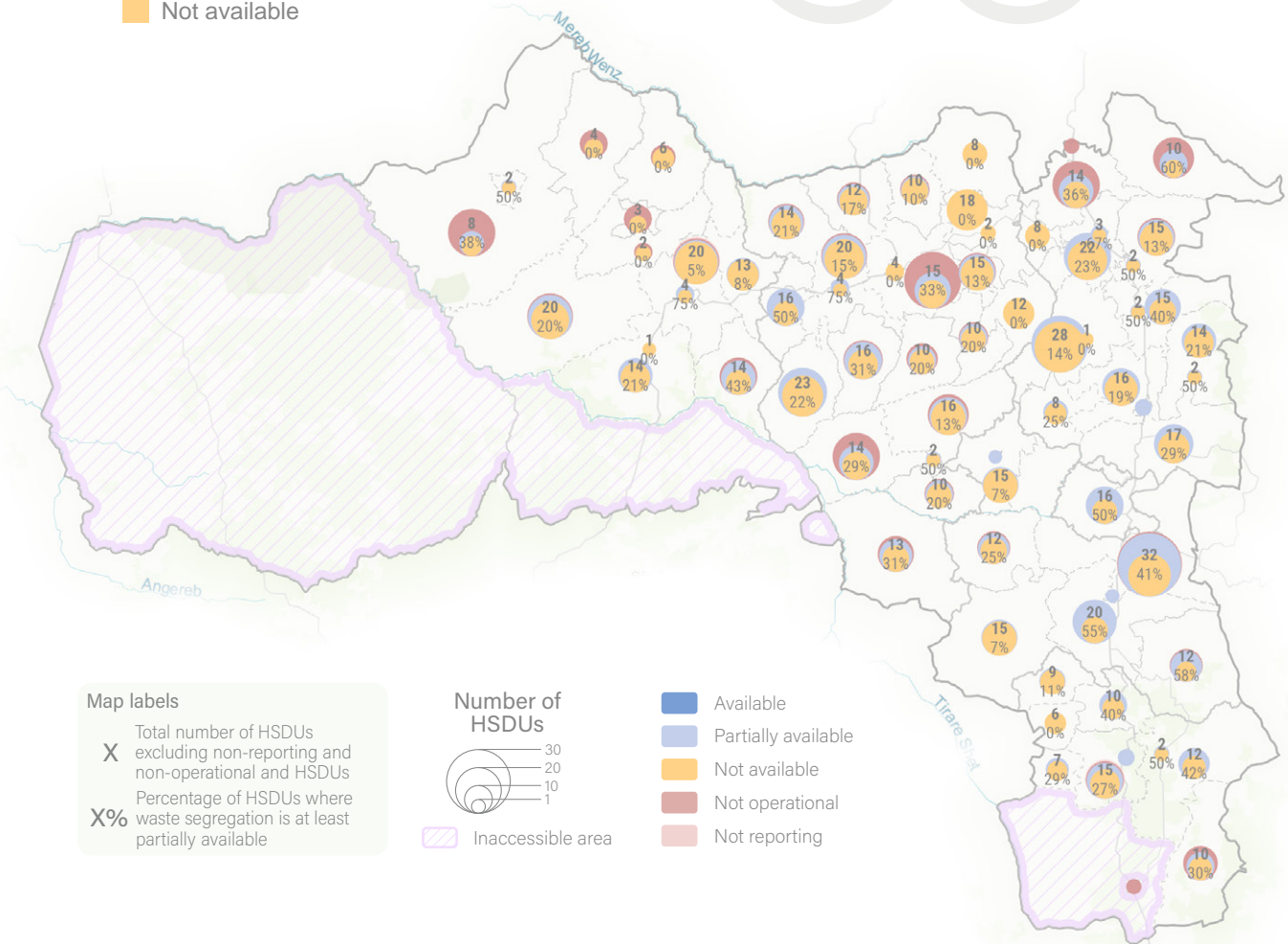
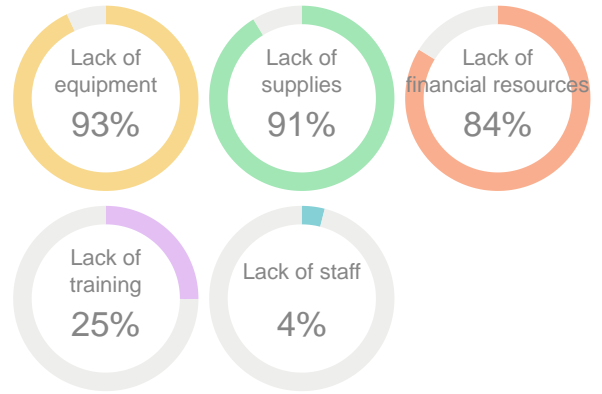
WASTE MANAGEMENT

Waste segregation

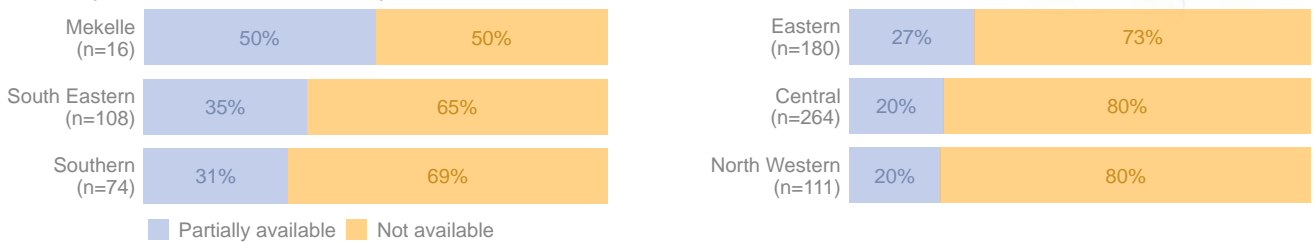
Availability of Waste segregation⁹



Main reasons of unavailability
n = 753

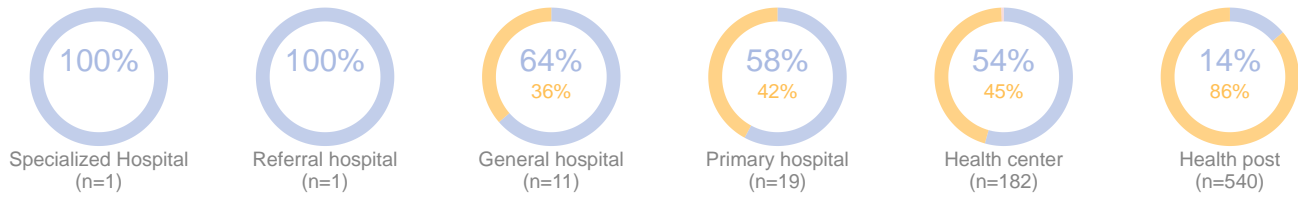


Availability of Waste segregation by zone

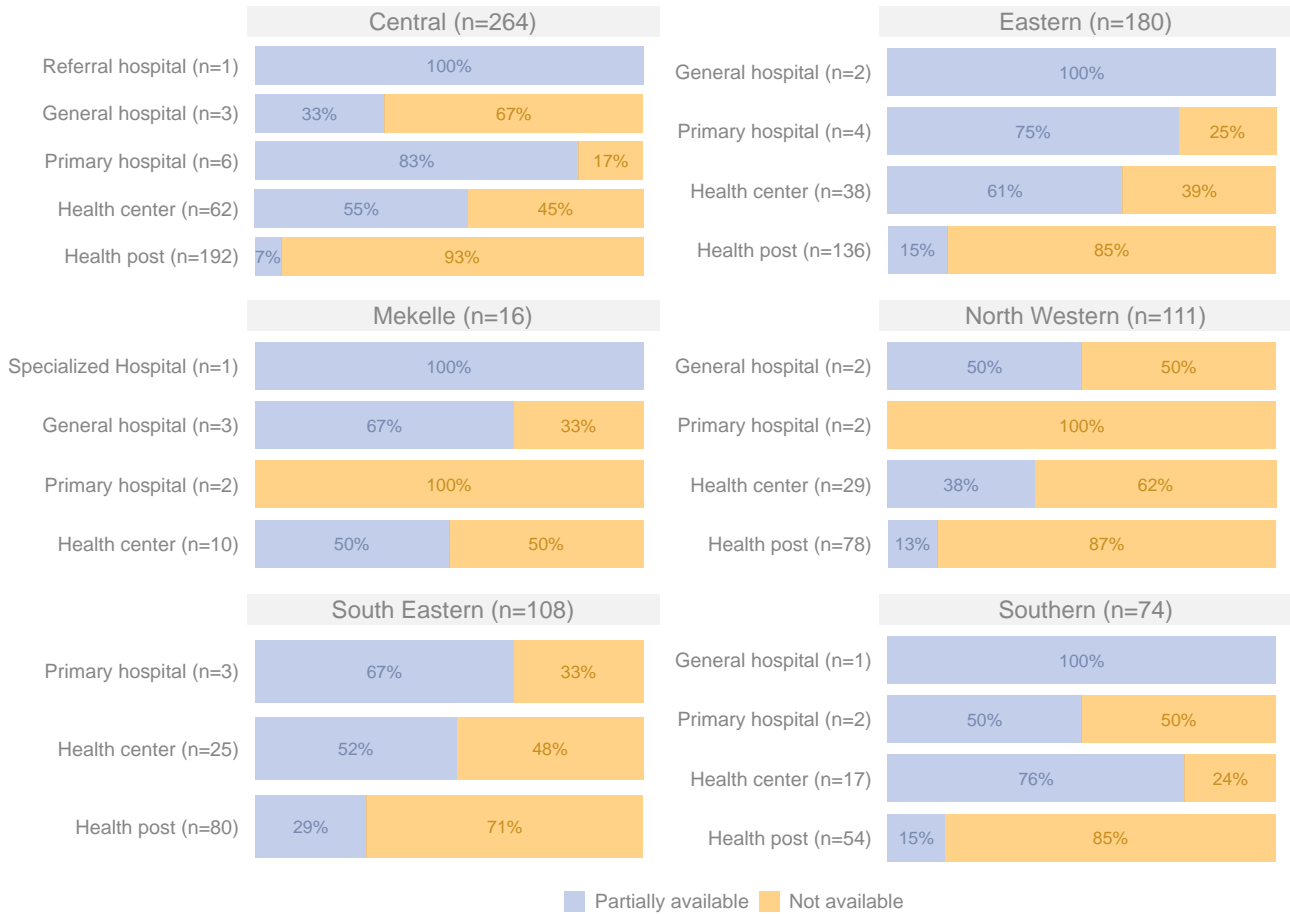


⁹ Waste segregation is considered available only if all waste is correctly segregated into at least three bins in the consultation area

Availability of Waste segregation by HSDU type



Availability of Waste segregation by zone and HSDU type

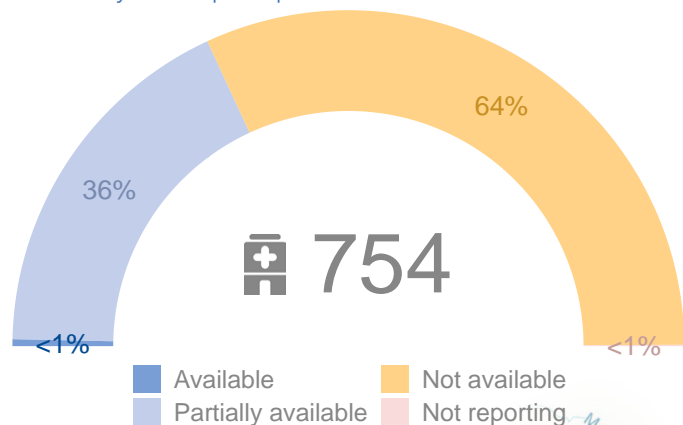


Main reasons of unavailability by zone

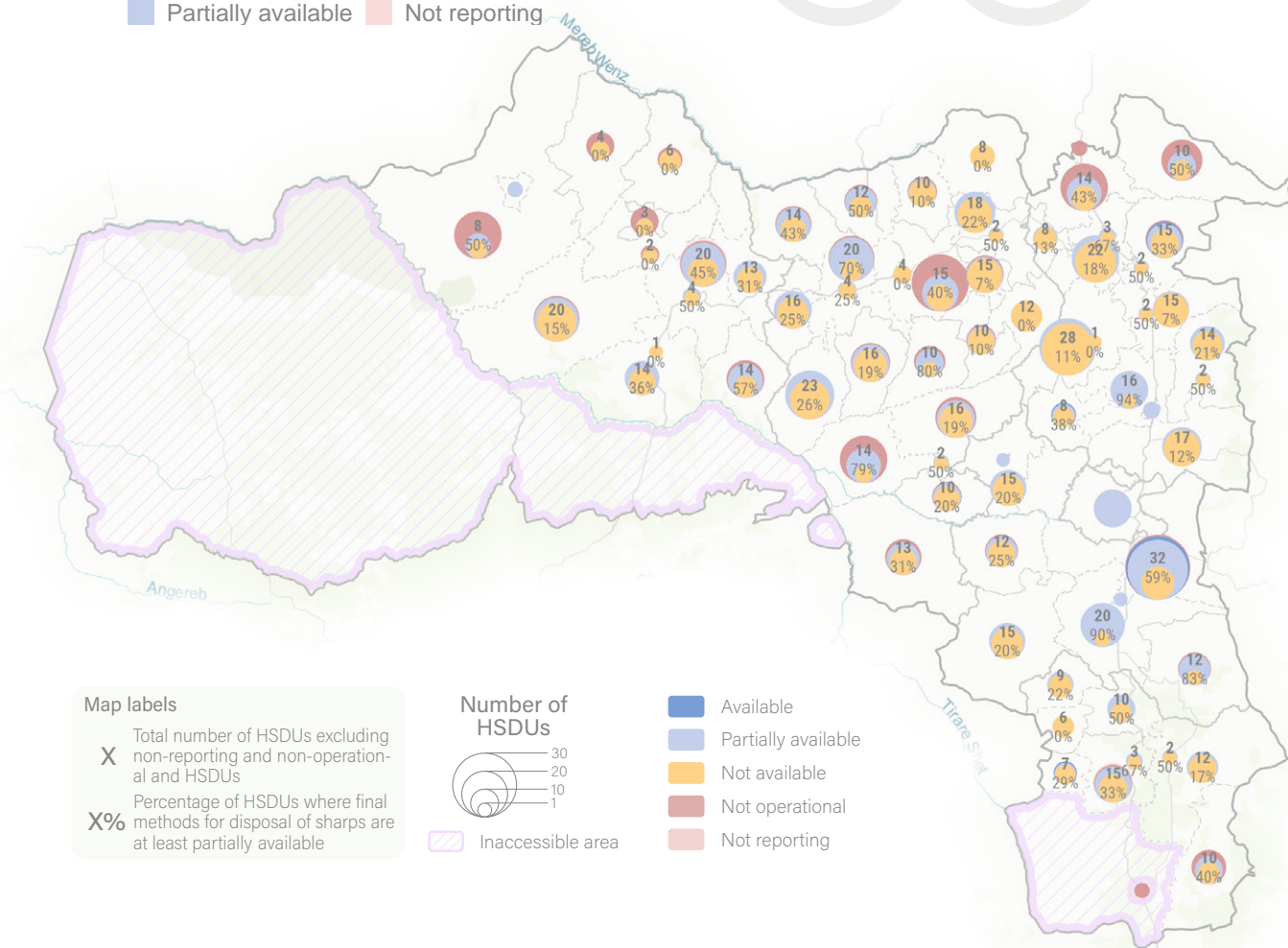
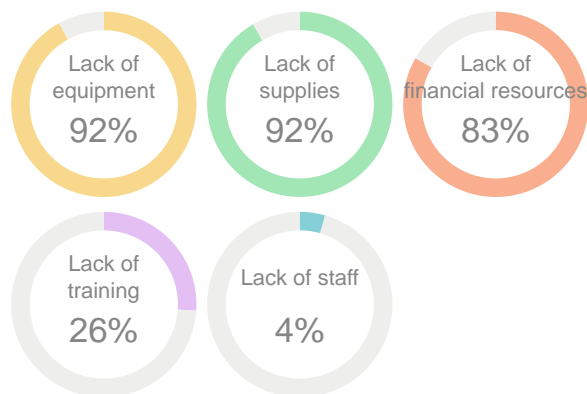


Sharps disposal

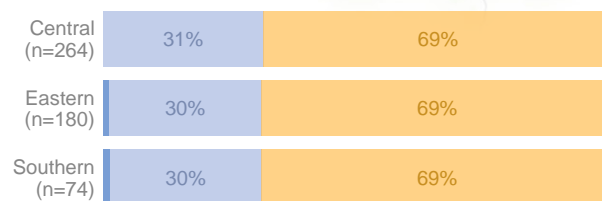
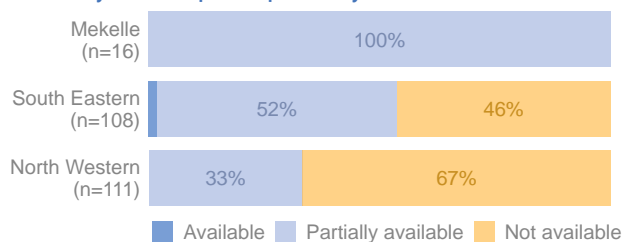
Availability of Sharps disposal¹⁰



Main reasons of unavailability
n = 748

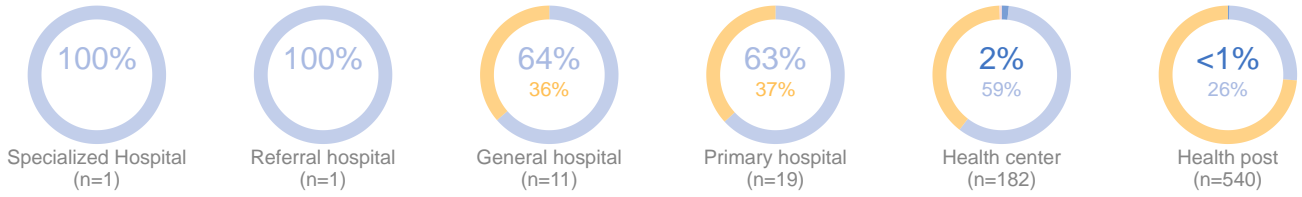


Availability of Sharps disposal by zone[†]

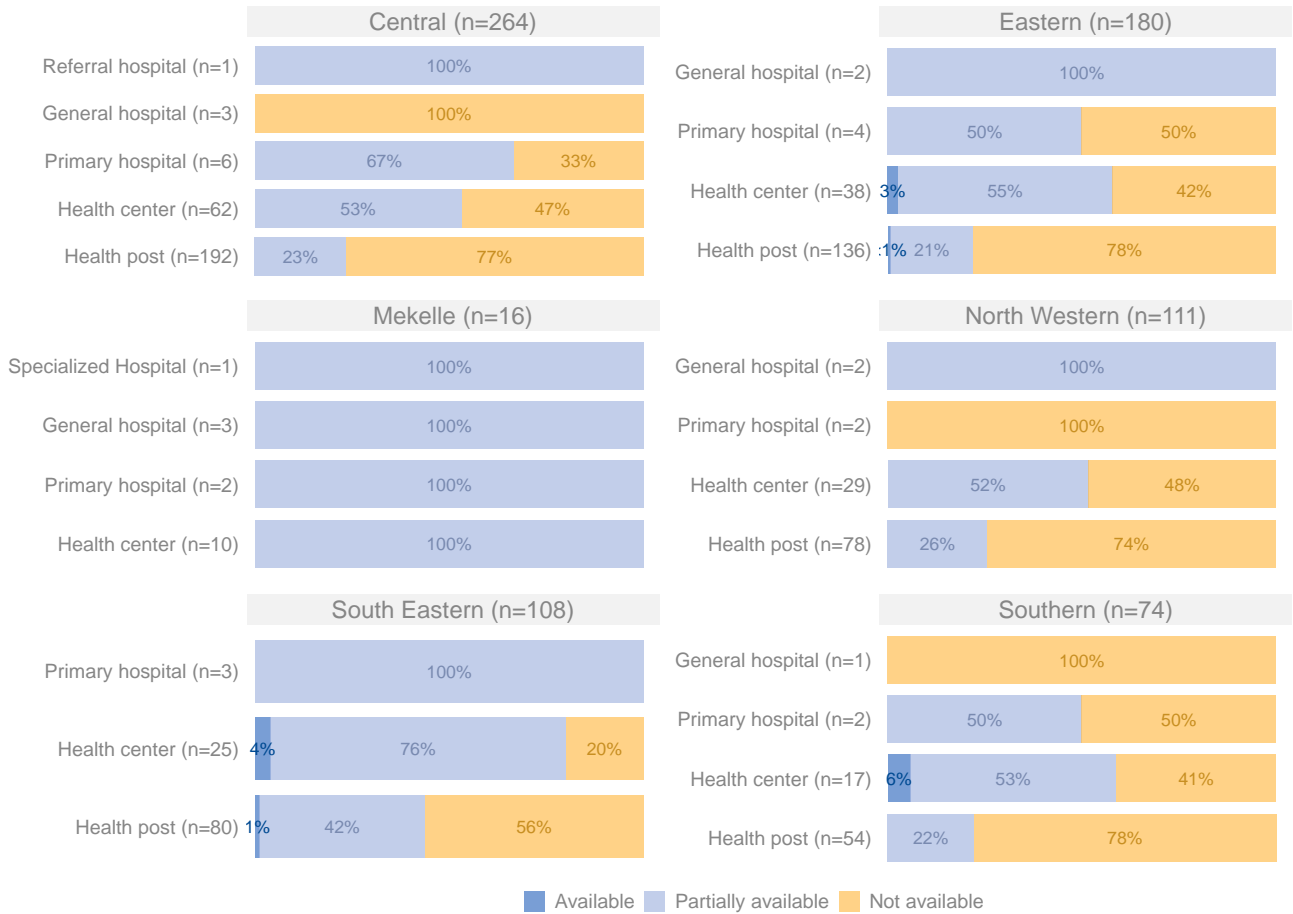


¹⁰ Final disposal of sharps is considered as available only if the HSDU has sufficient capacities to treat and safely dispose of

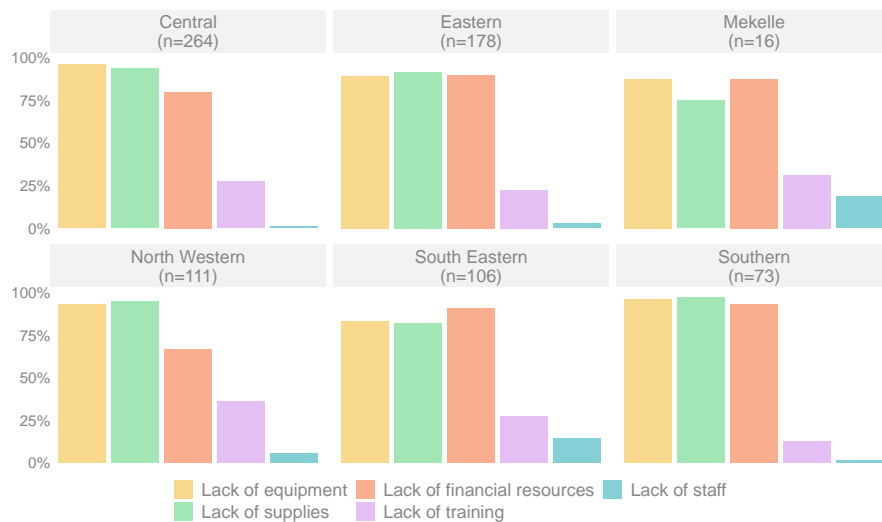
Availability of Sharps disposal by HSDU type



Availability of Sharps disposal by zone and HSDU type

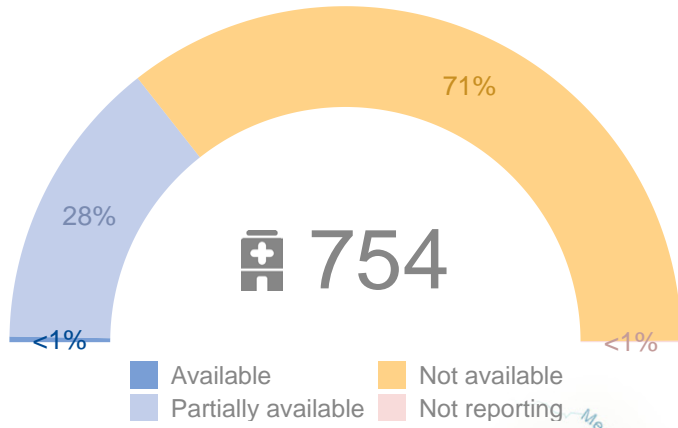


Main reasons of unavailability by zone

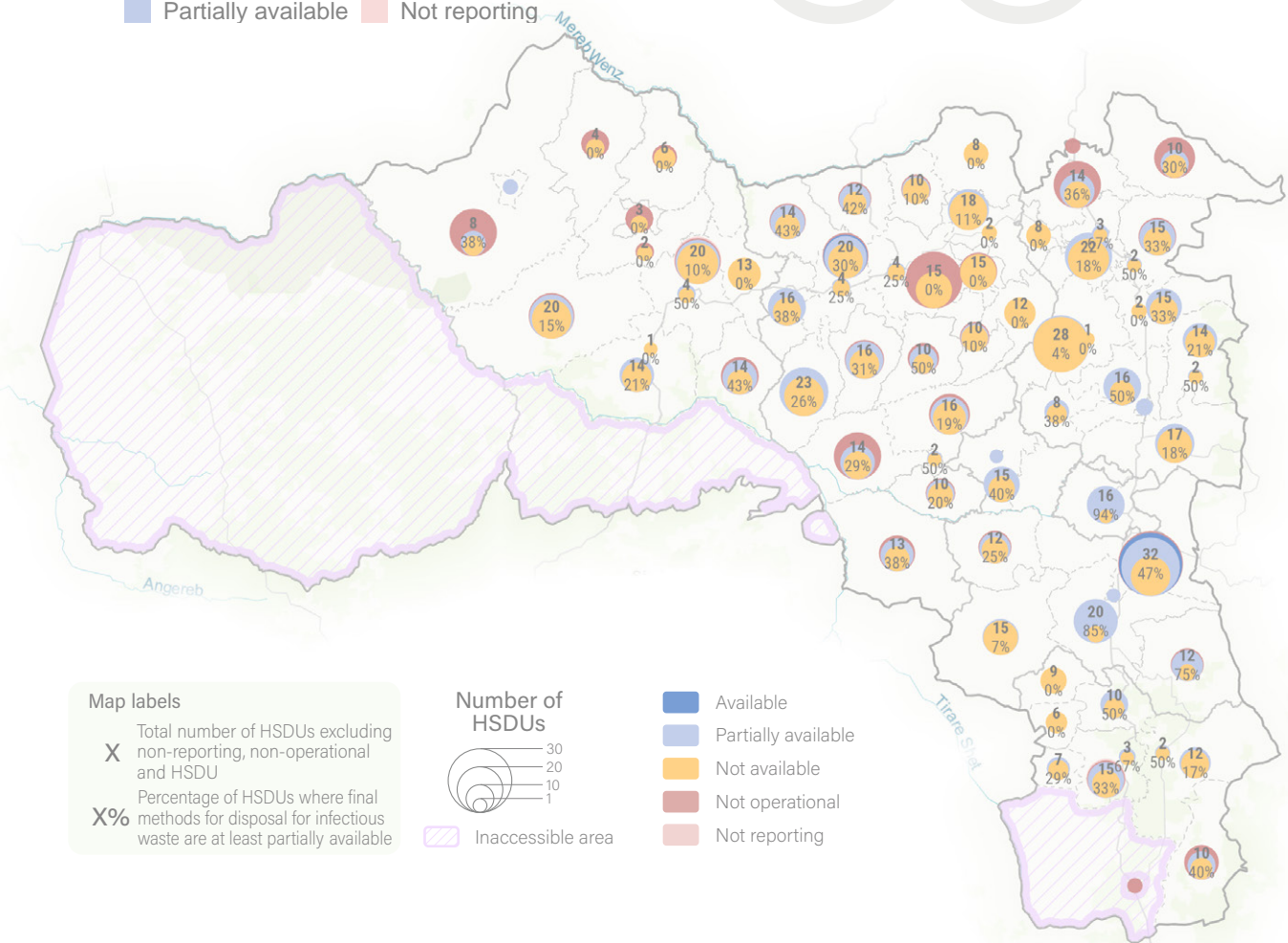
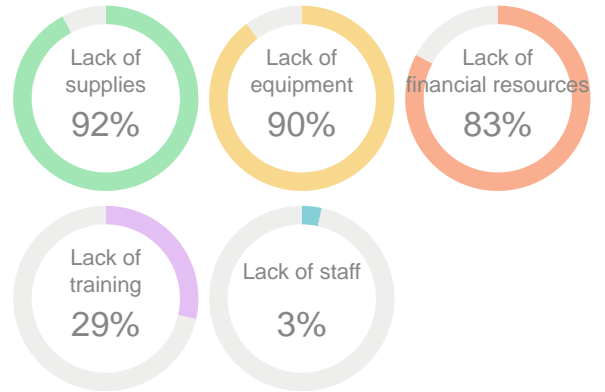


Infectious waste disposal

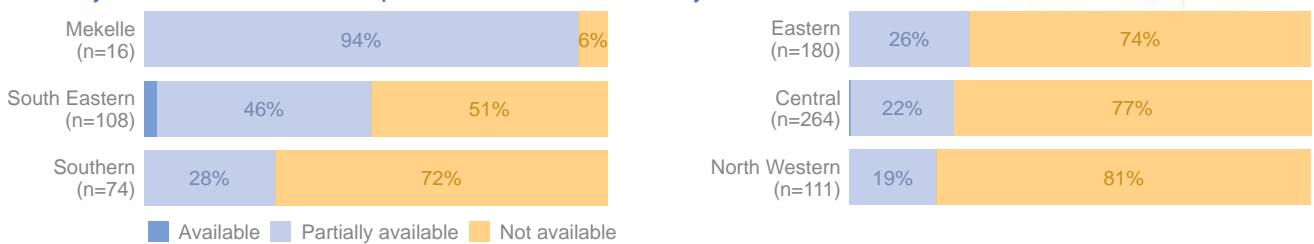
Availability of methods for final disposal of infectious waste¹¹



Main reasons of unavailability
n = 749

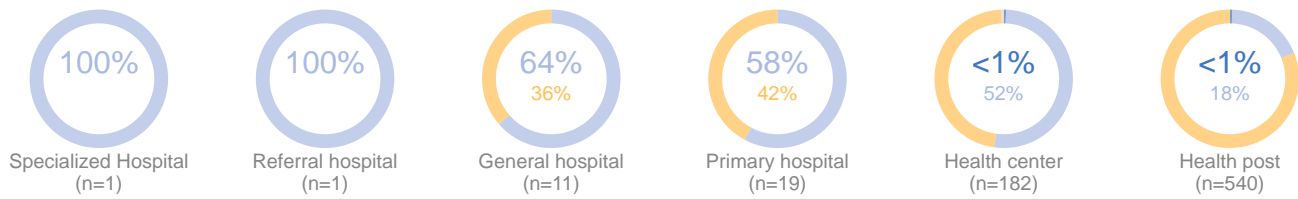


Availability of methods for final disposal of infectious waste by zone

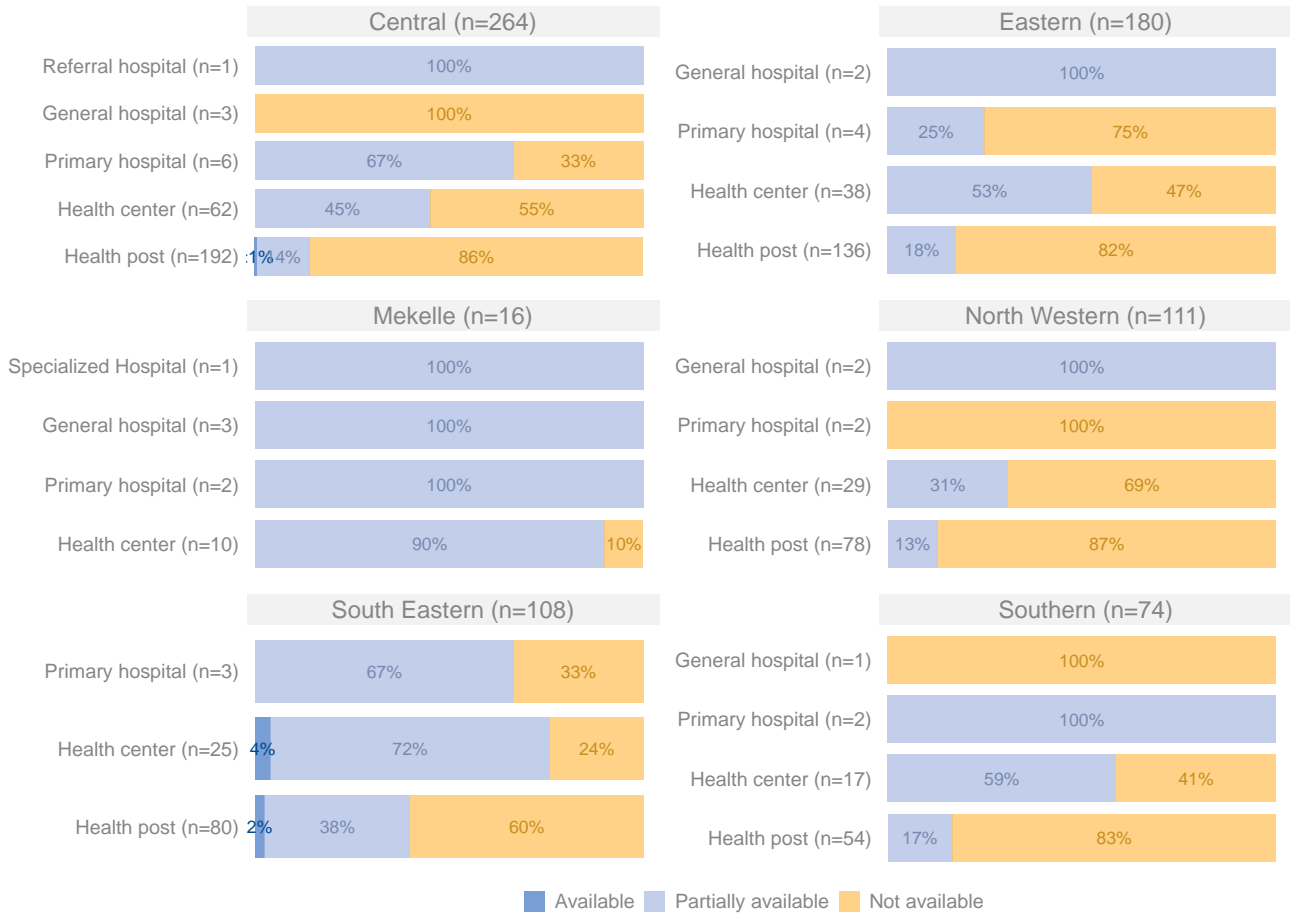


¹¹ Final disposal of infectious waste is considered as available only if the HSDU has sufficient capacities to treat and safely dispose of all infectious waste.

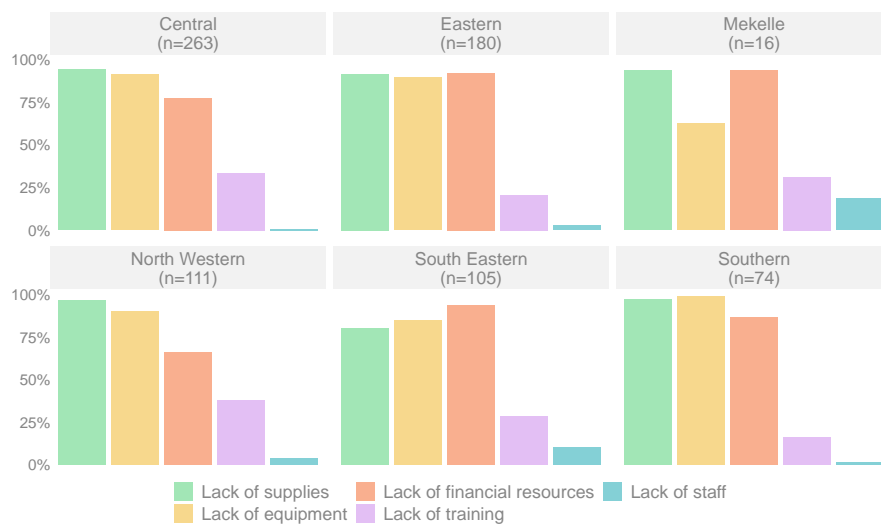
Availability of methods for final disposal of infectious waste by HSDU type



Availability of methods for final disposal of infectious waste by zone and



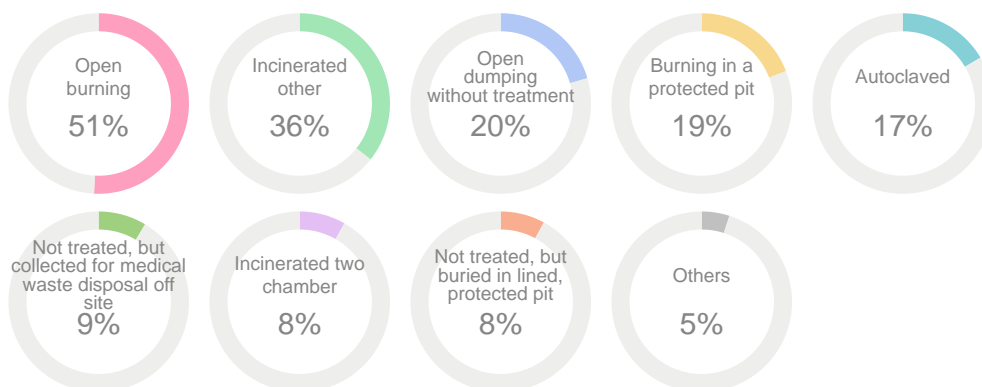
Main reasons of unavailability by zone



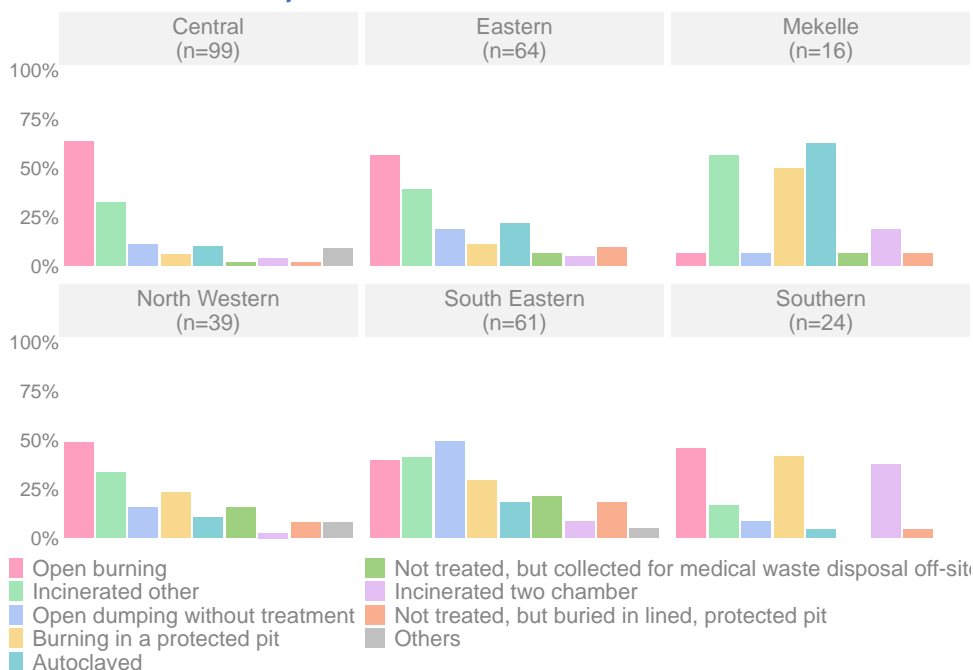
Main waste disposal methods available

Main waste disposal methods available

n = 303

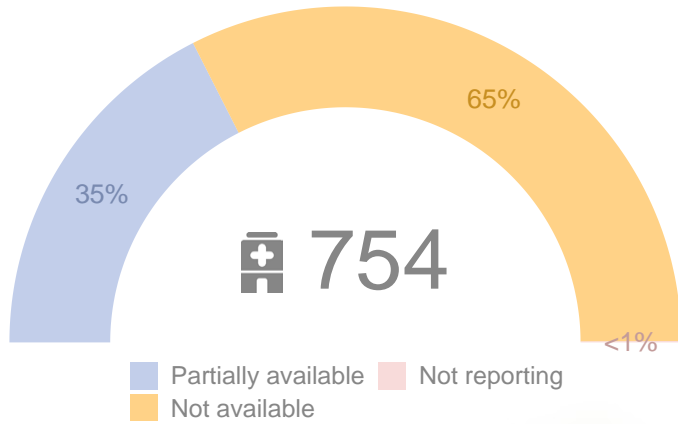


Main waste disposal methods available by zone

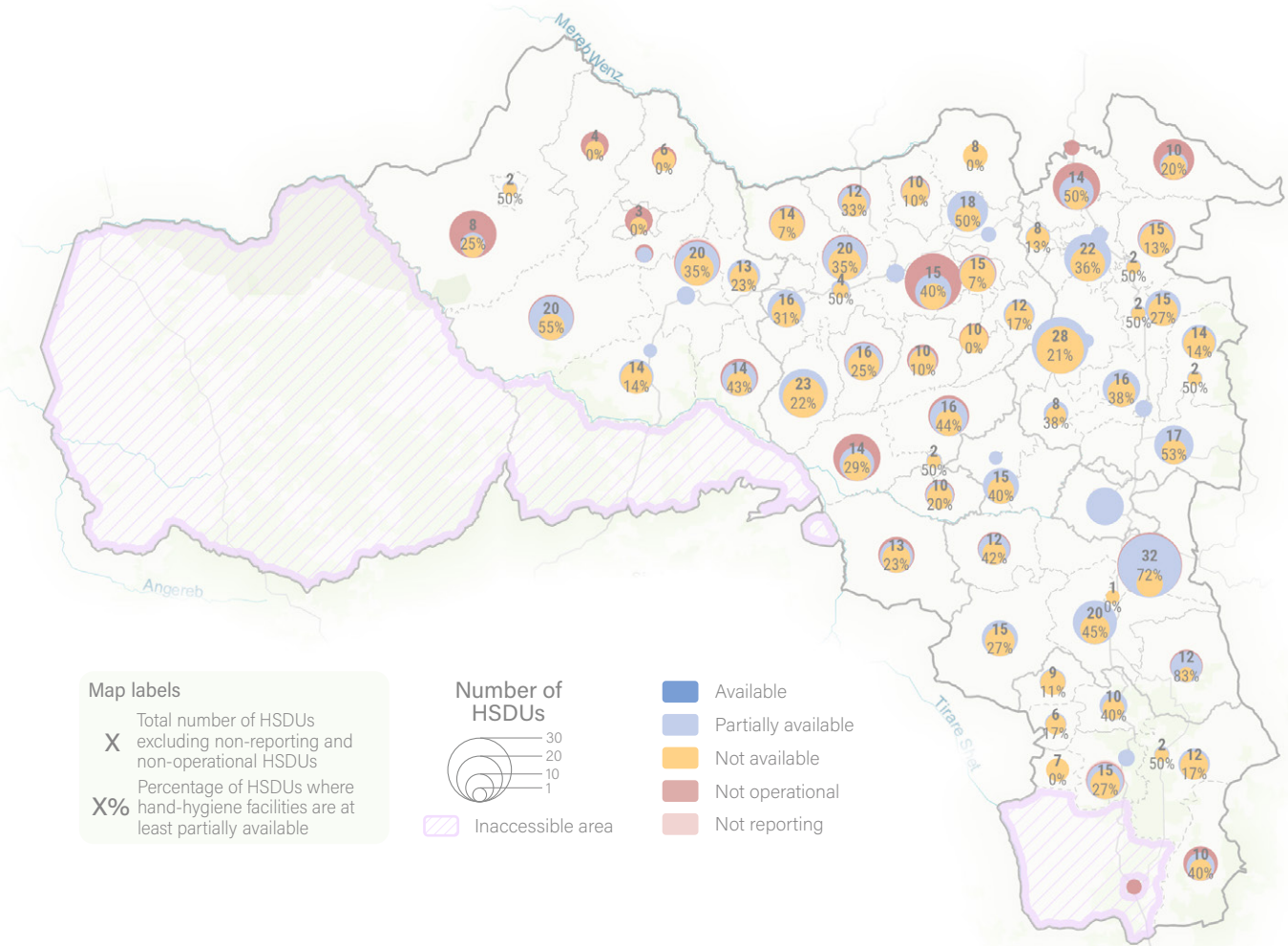
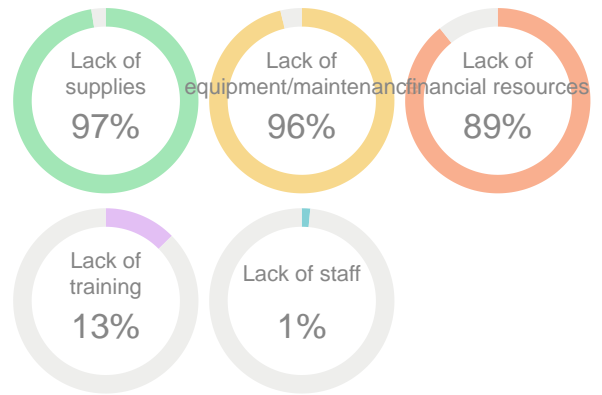


HAND-HYGIENE

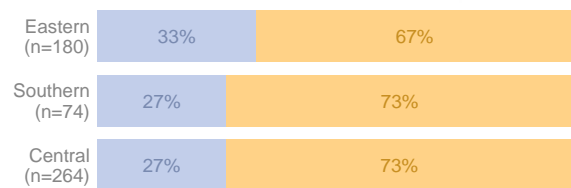
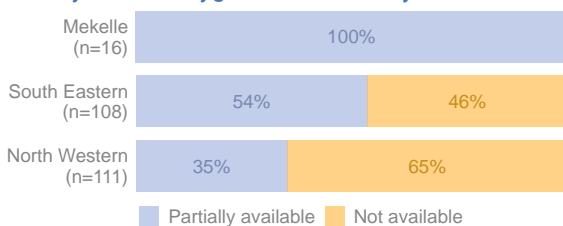
Availability of hand-hygiene facilities¹²



Main reasons of unavailability
n = 753

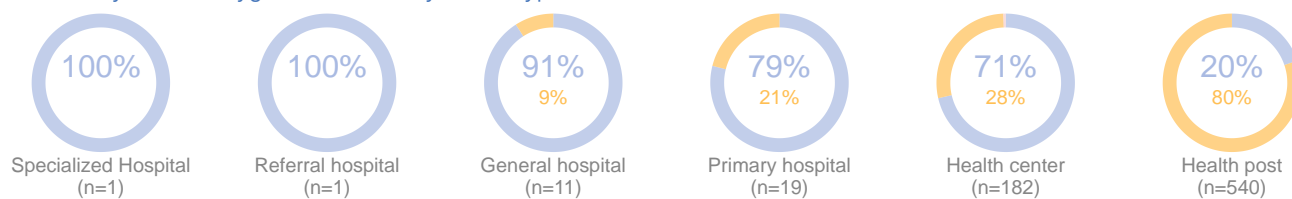


Availability of hand-hygiene facilities by zone

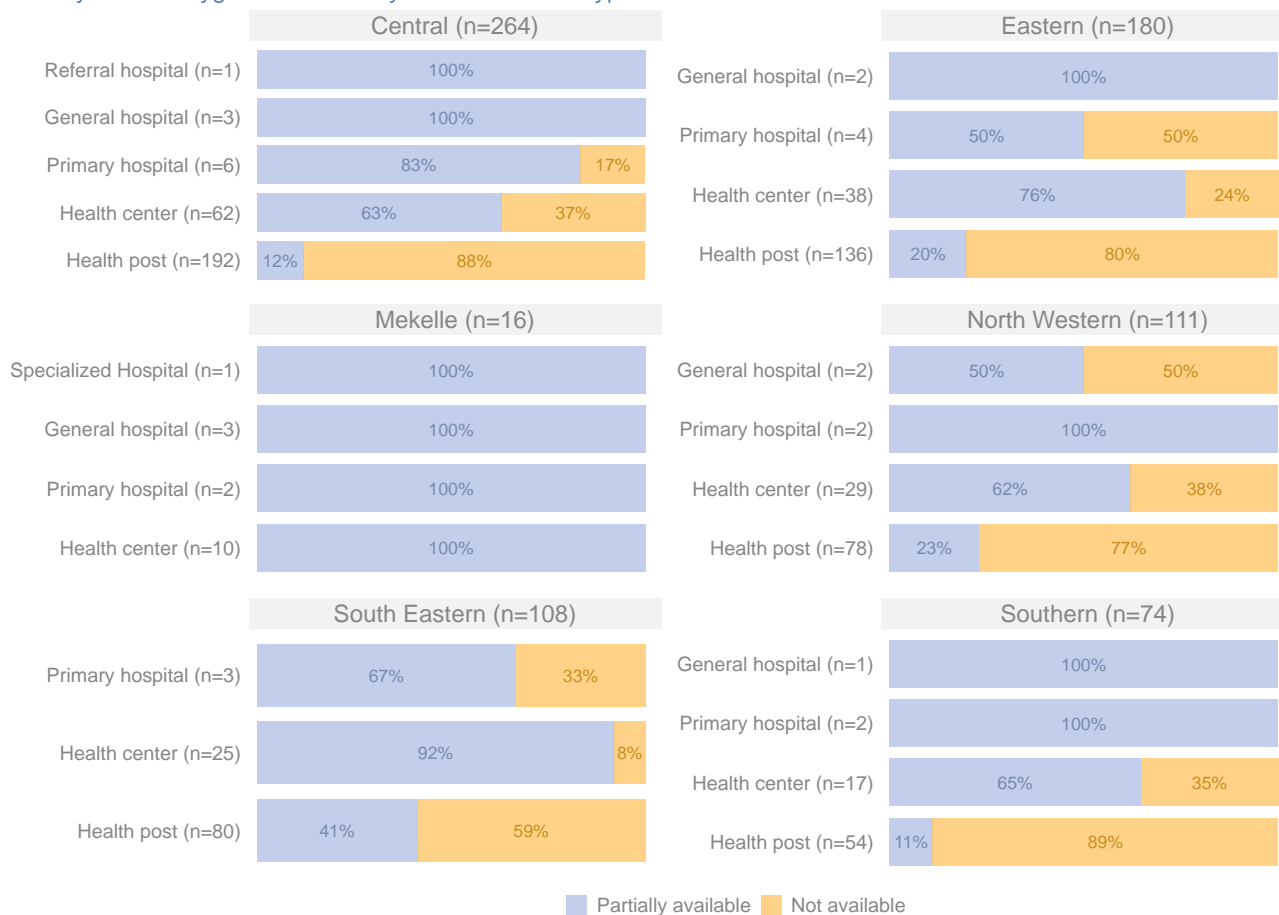


¹² Hand hygiene facilities are considered available if (1) they are available at all critical points in the HSDU, (2) sufficient water and soap, or hydroalcoholic solution are available, (3) staff are trained in good hand hygiene practices.

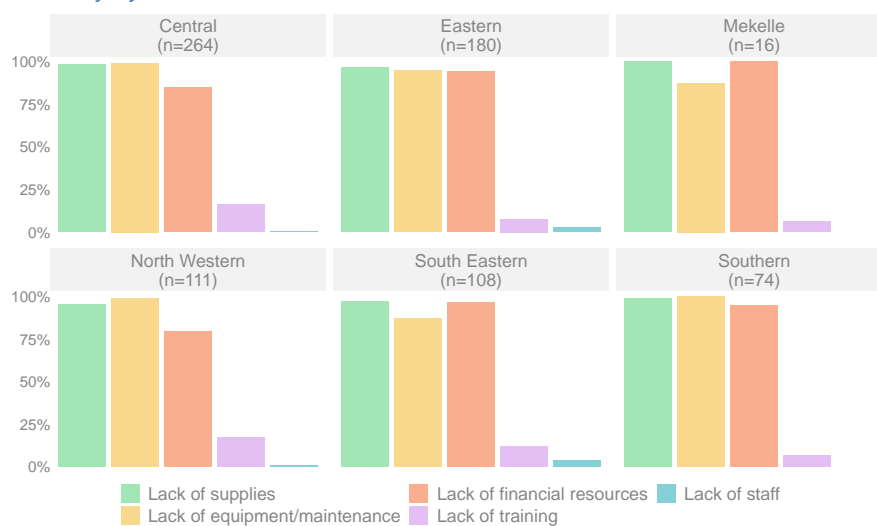
Availability of hand-hygiene facilities by HSDU type



Availability of hand-hygiene facilities by zone and HSDU type

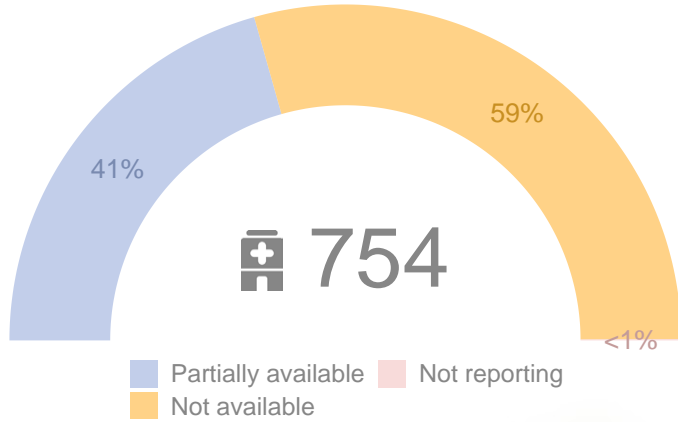


Main reasons of unavailability by zone

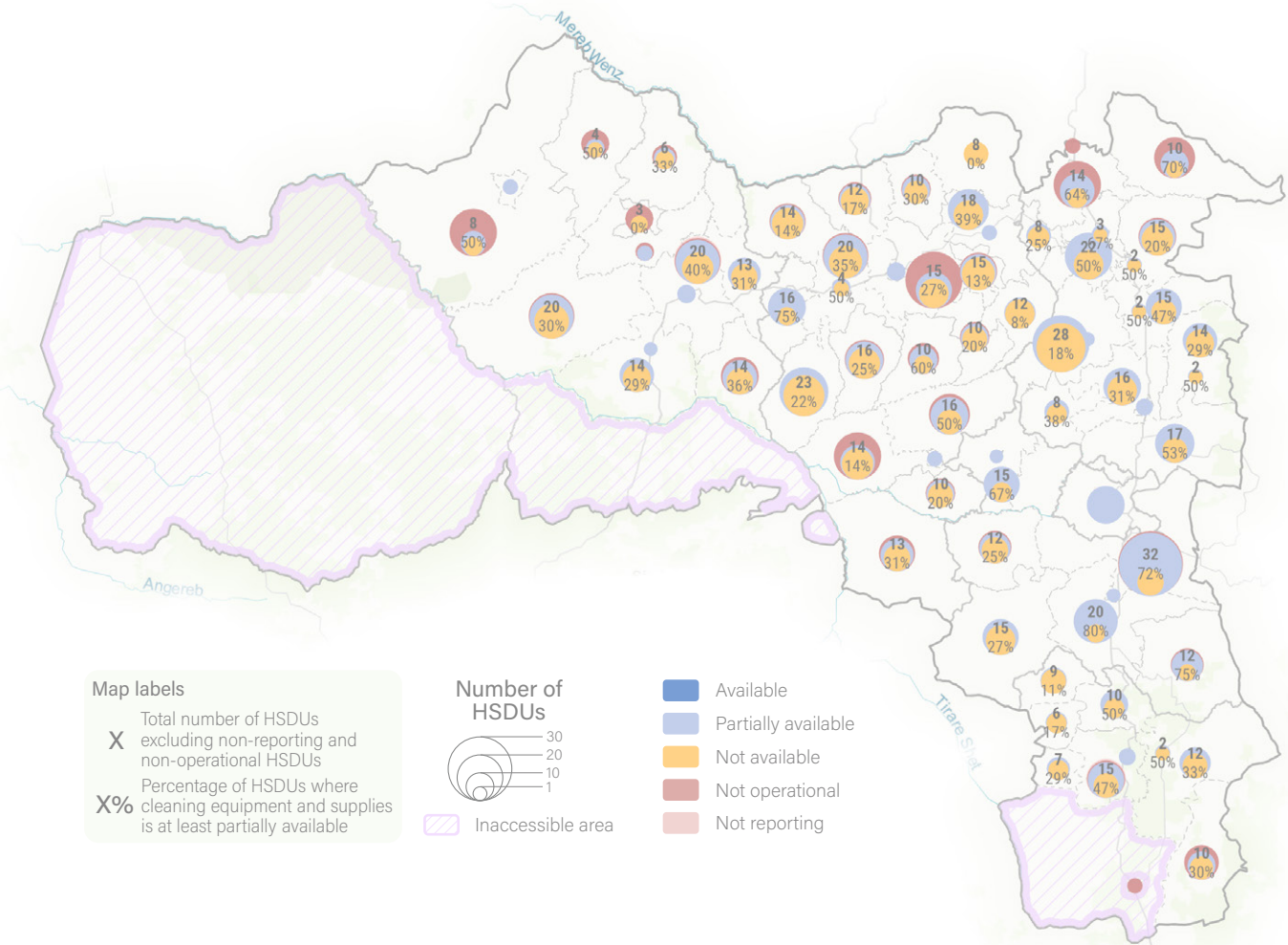
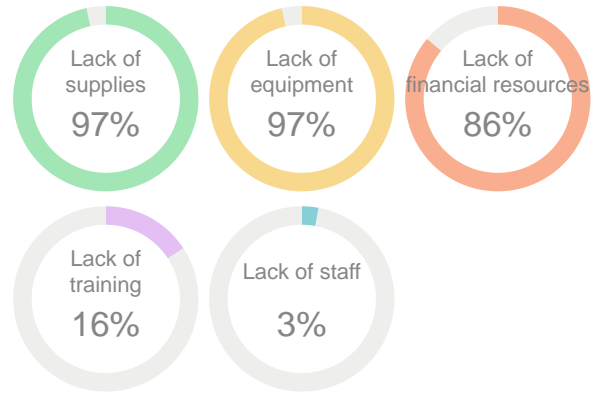


CLEANING EQUIPMENT

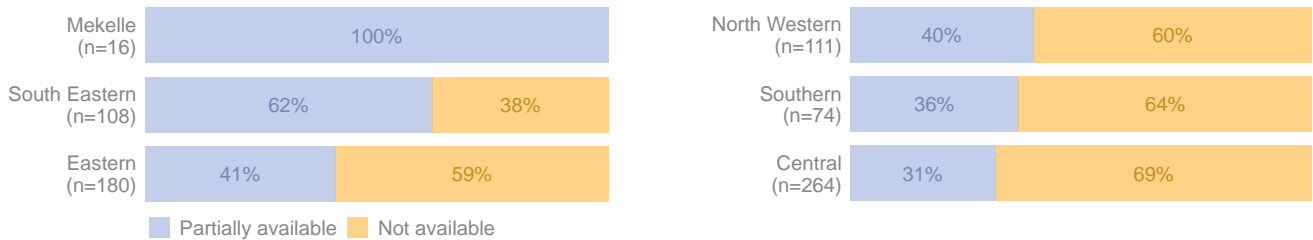
Availability of cleaning equipment and supplies¹³



Main reasons of unavailability
n = 753

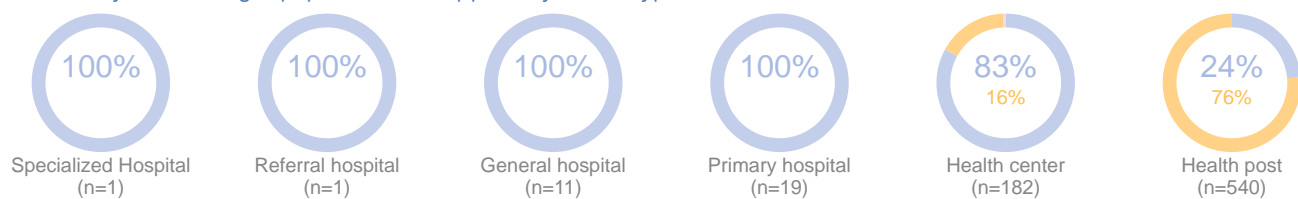


Availability of cleaning equipment and supplies by zone

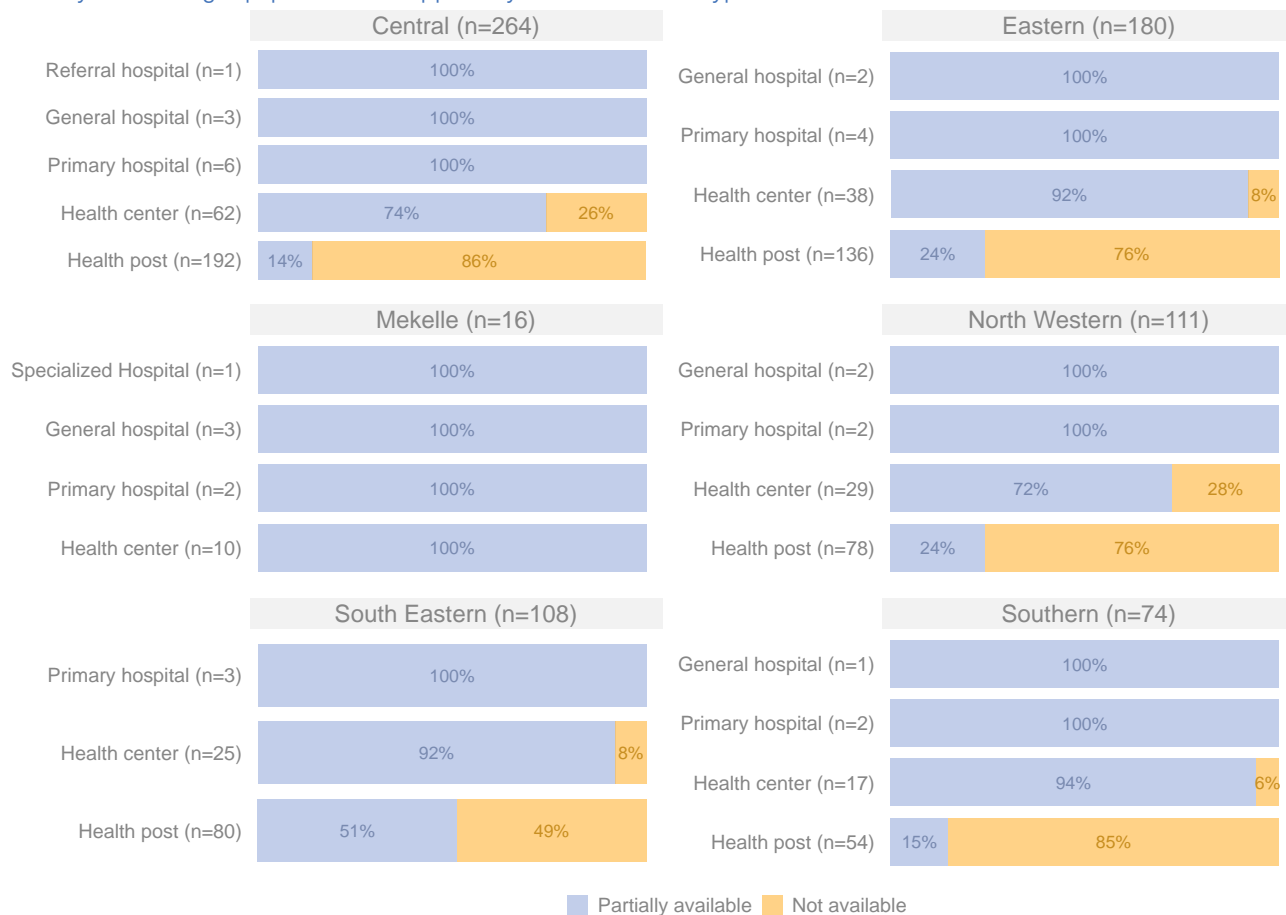


¹³ Cleaning equipment is considered as available only if (1) sufficient equipment and supplies are available, (2) cleaning protocols are in place and (3) staff is adequately trained.

Availability of cleaning equipment and supplies by HSDU type



Availability of cleaning equipment and supplies by zone and HSDU type



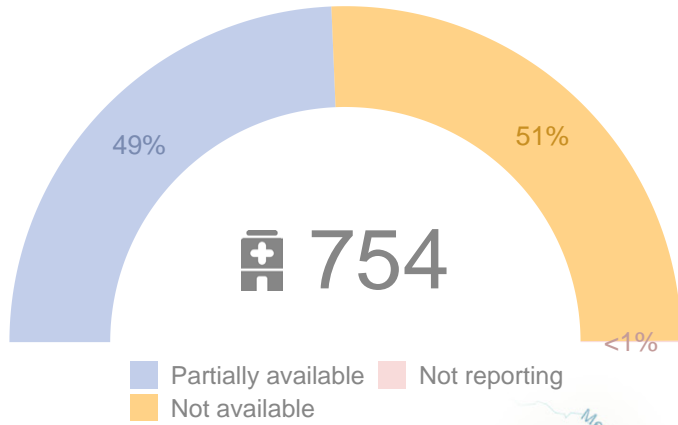
Main reasons of unavailability by zone



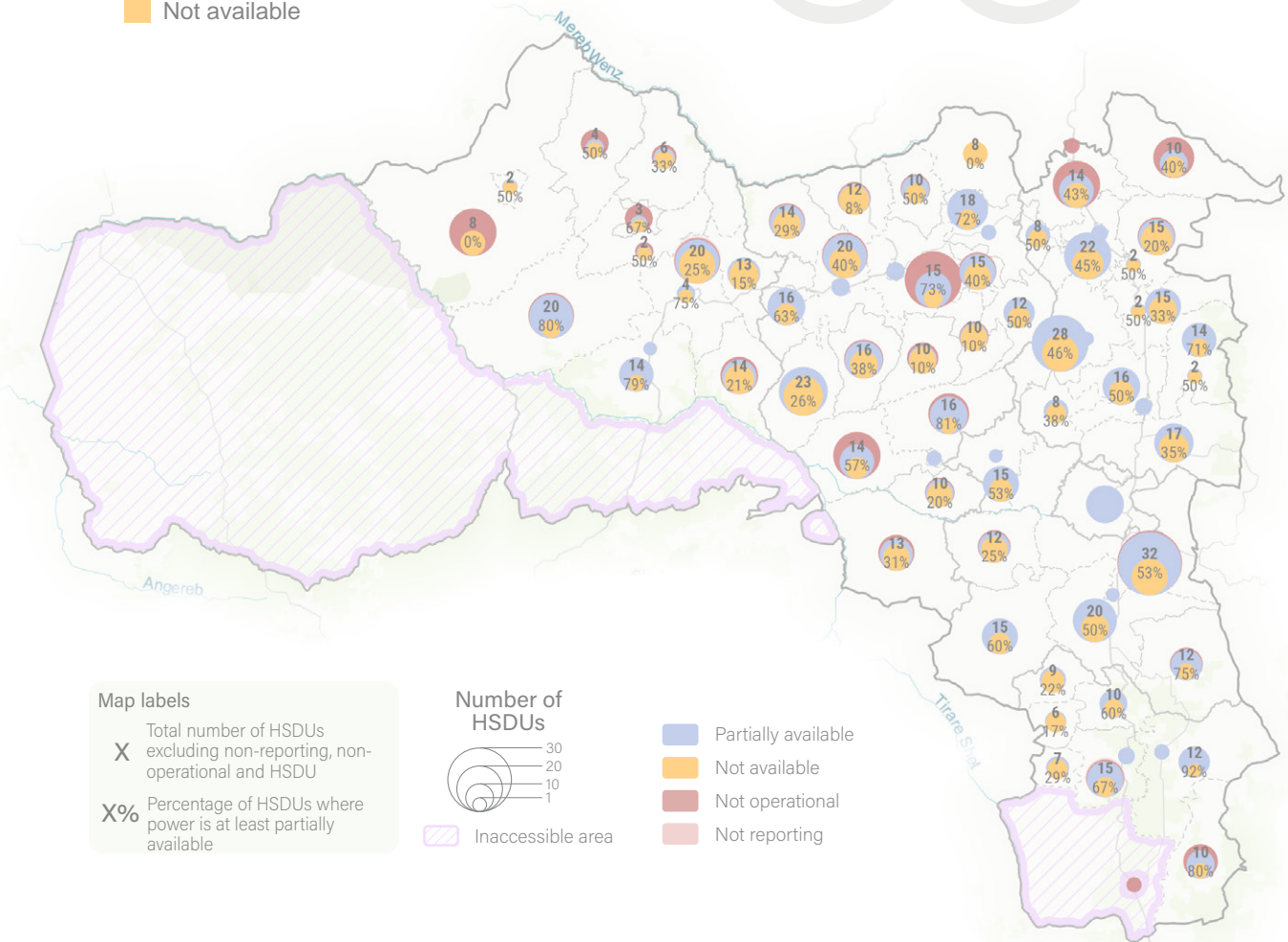
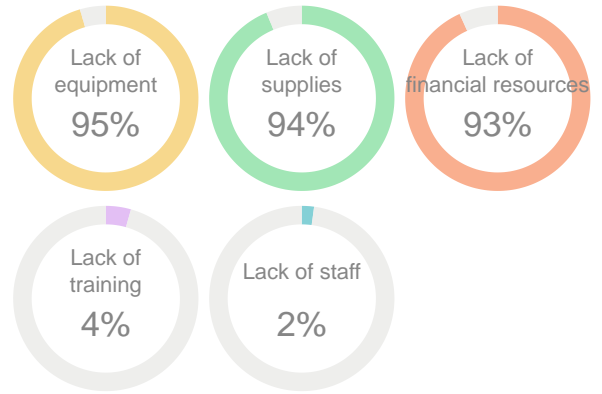
POWER

Power availability

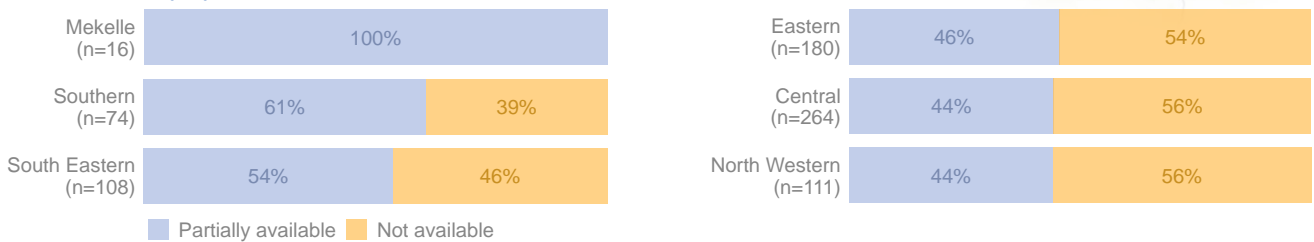
Power availability



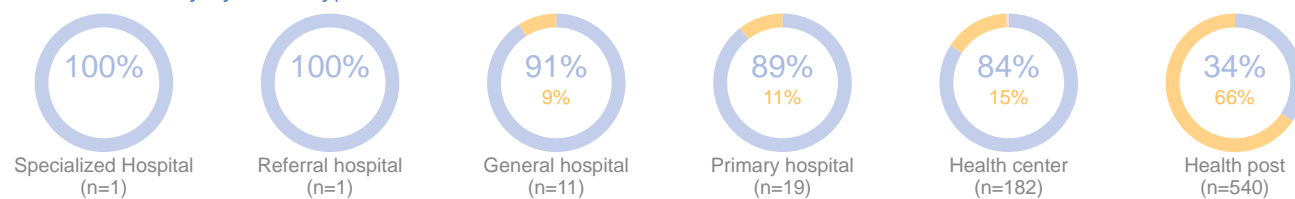
Main reasons of unavailability
n = 753



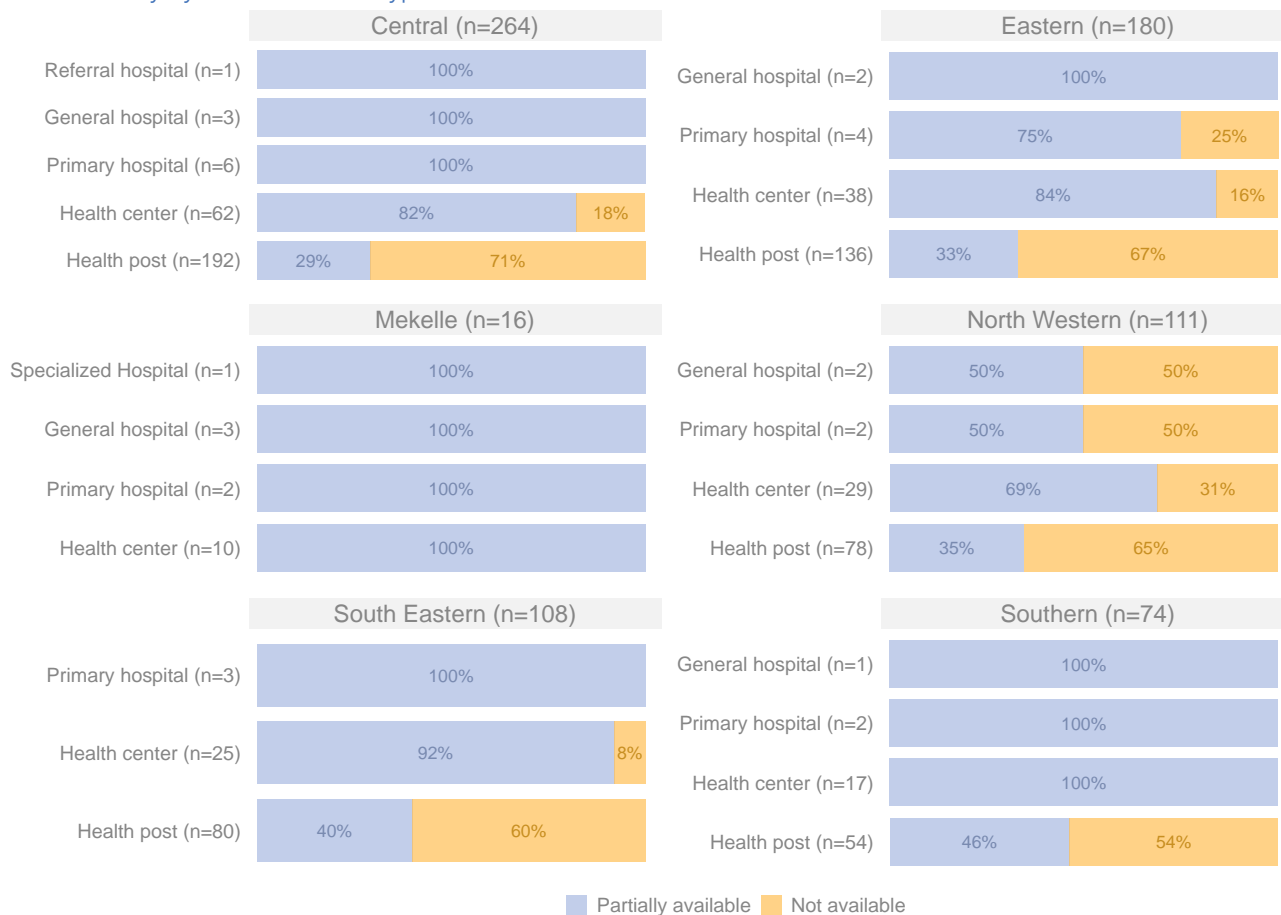
Power availability by zone



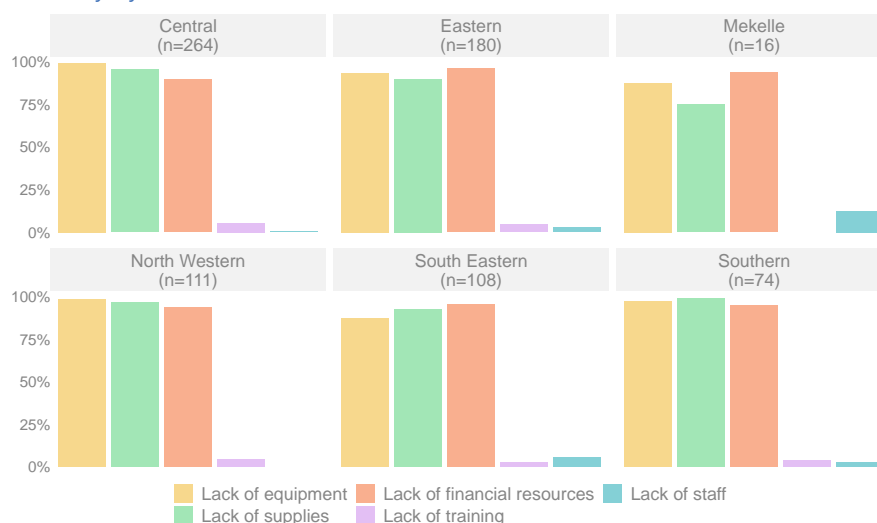
Power availability by HSDU type



Power availability by zone and HSDU type



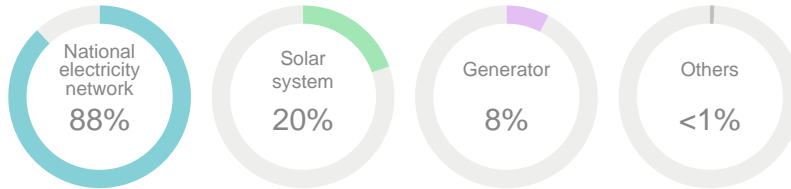
Main reasons of unavailability by zone



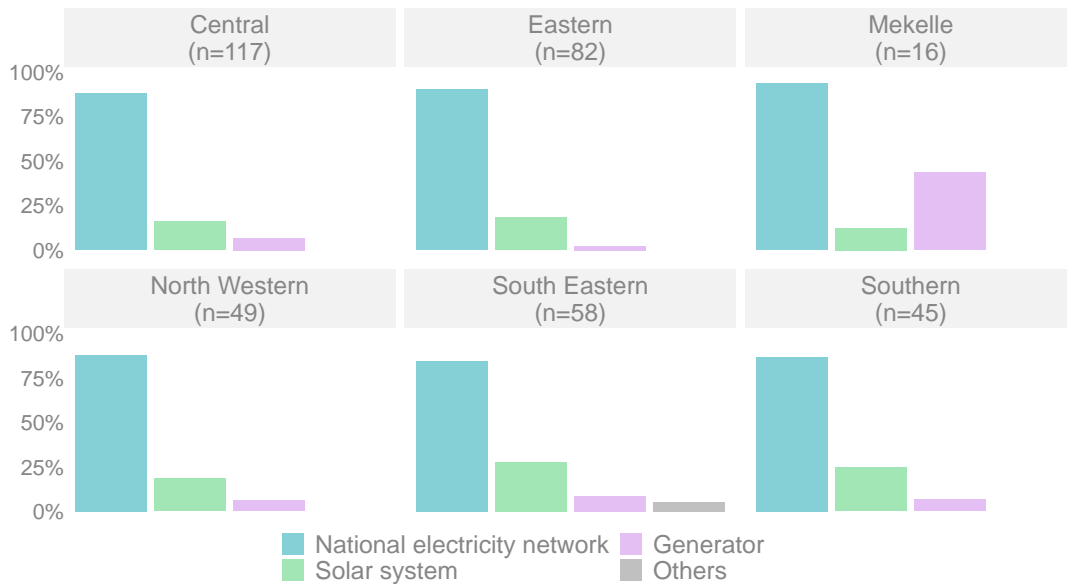
Power sources

Main power sources available

n = 367

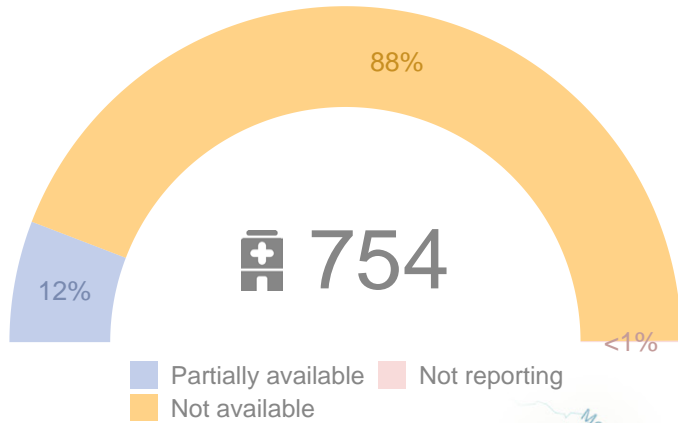


Main power sources available by zone

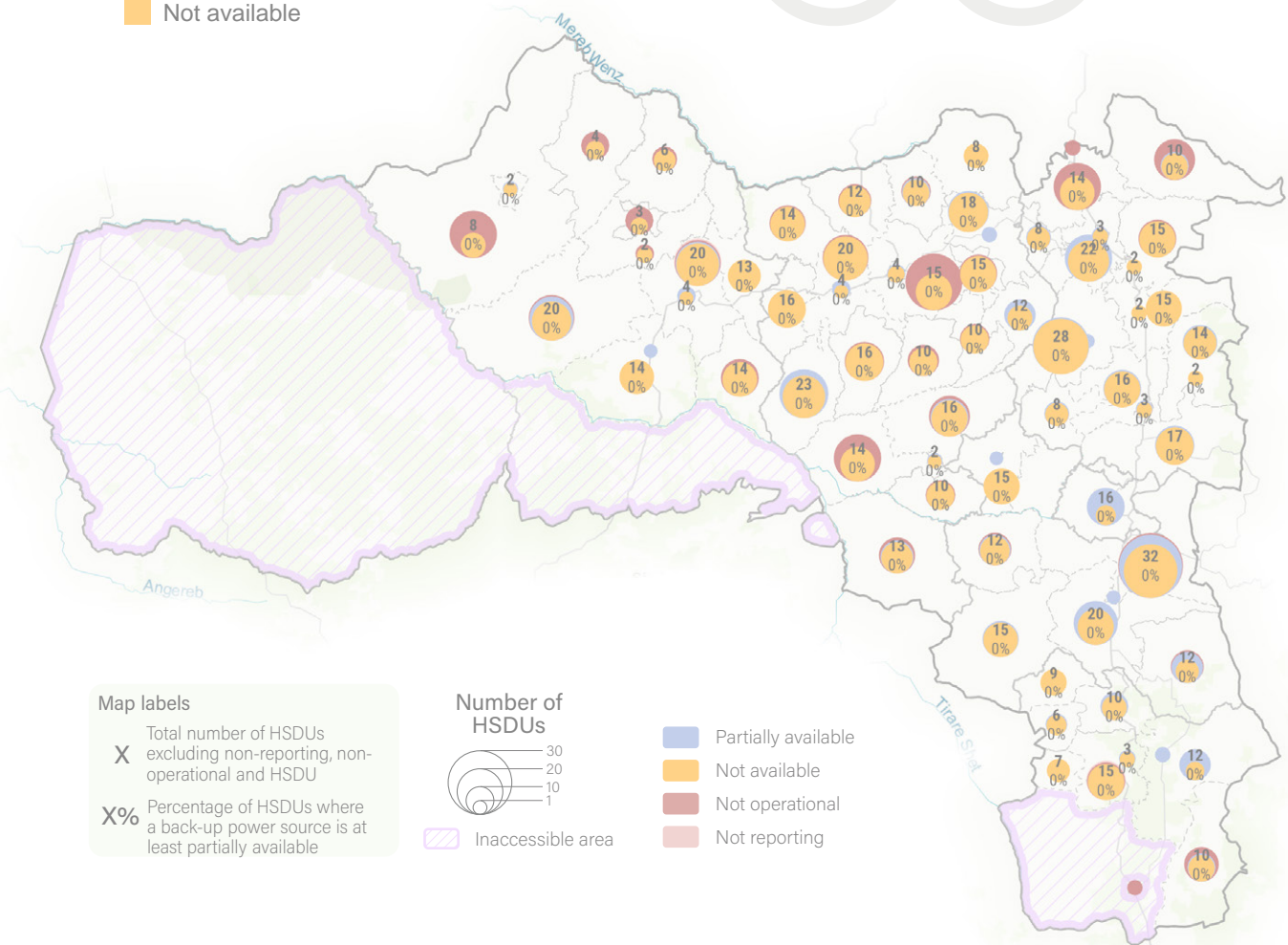
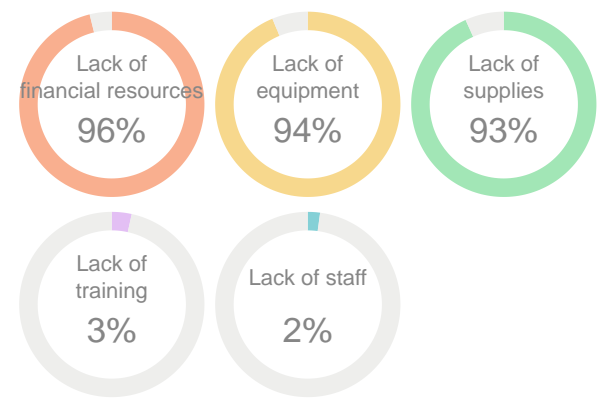


Back-up power source

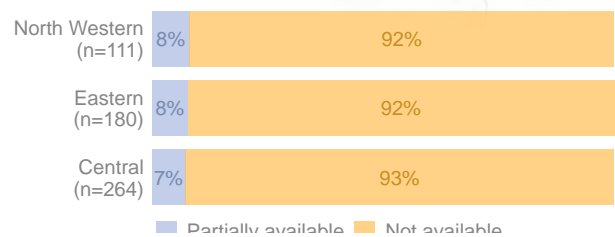
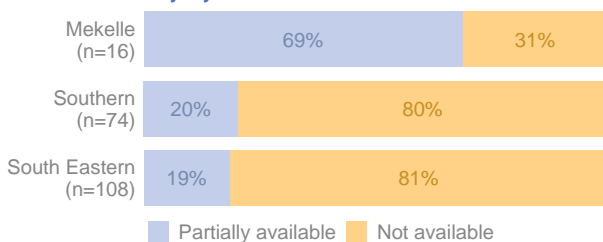
Availability of back-up power source



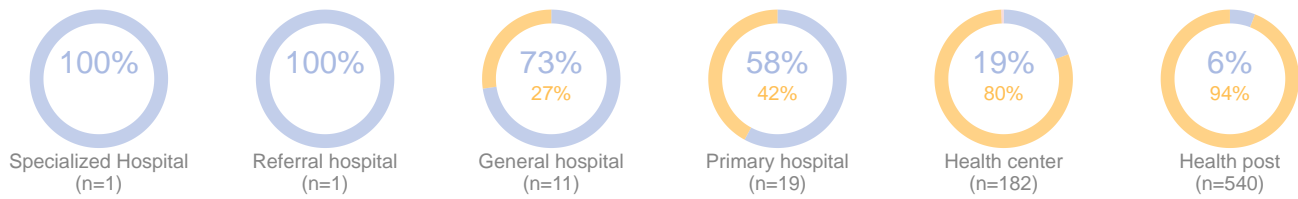
Main reasons of unavailability
n = 753



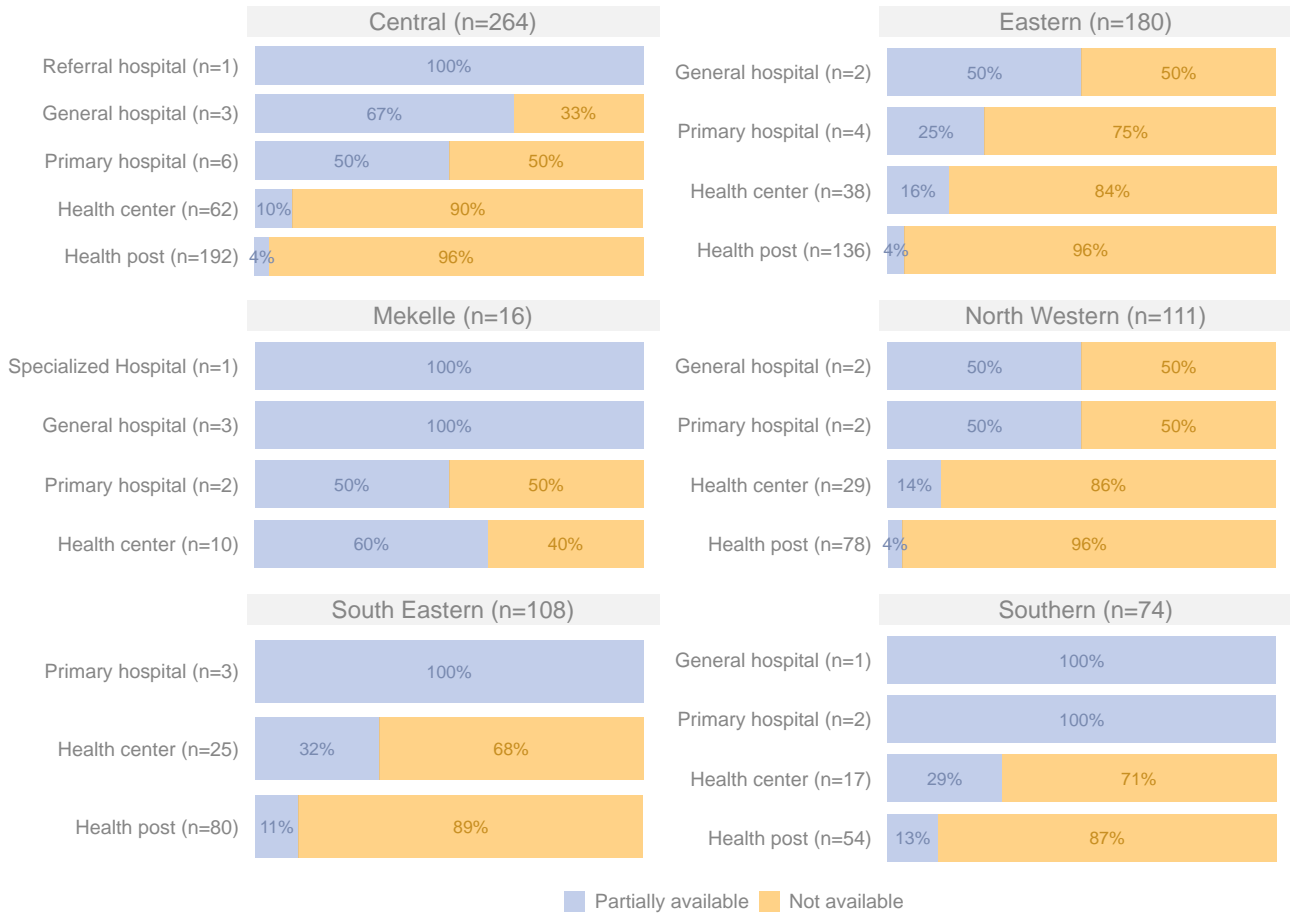
Power availability by zone



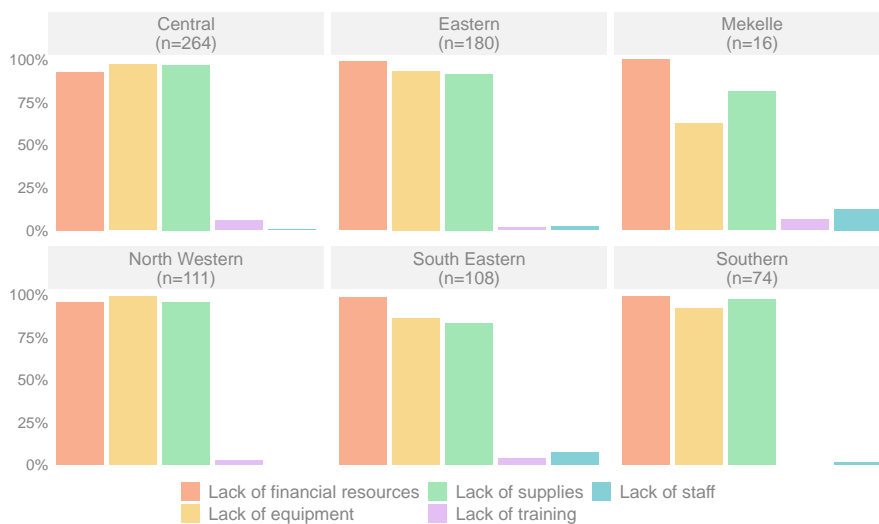
Availability of back-up power source by HSDU type



Availability of back-up power source by zone and HSDU type



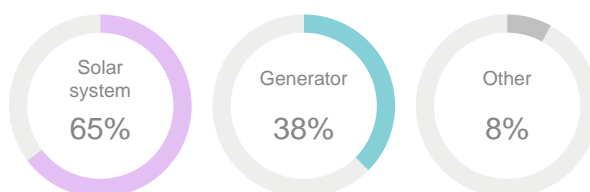
Main reasons of unavailability by zone



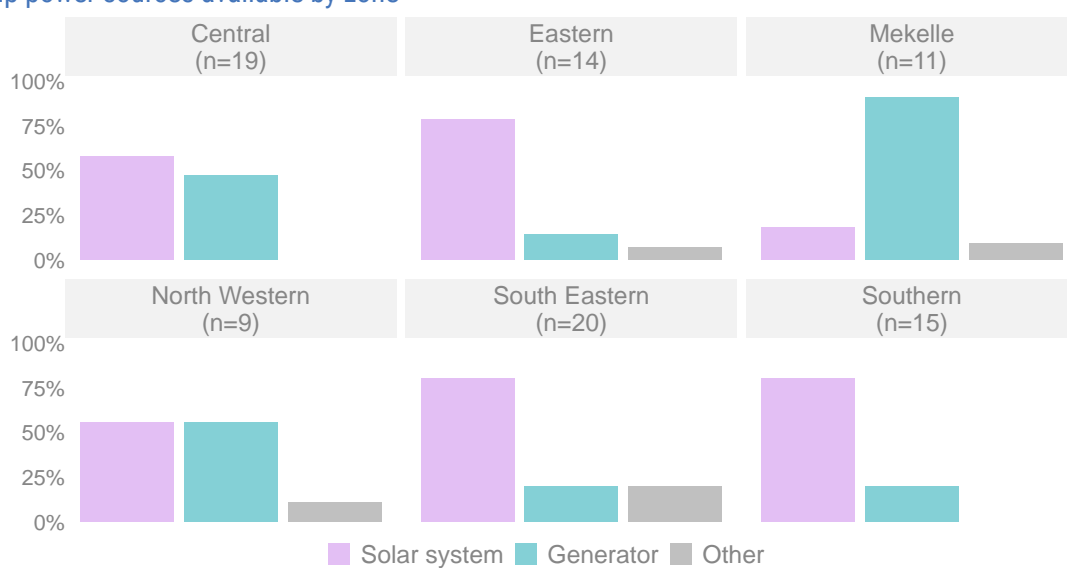
Back-up power sources

Main back-up power sources available

n = 88



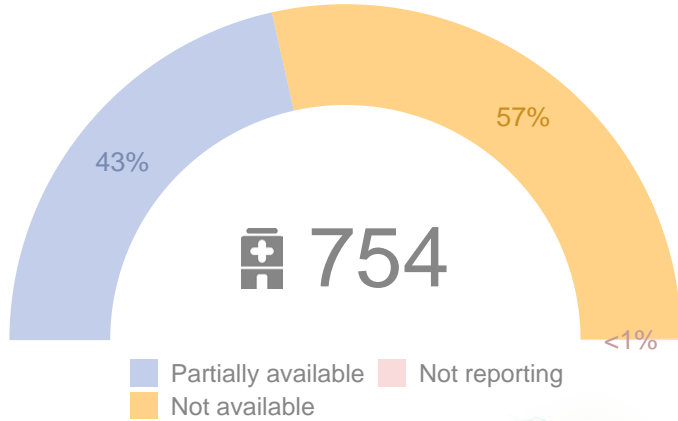
Main back-up power sources available by zone



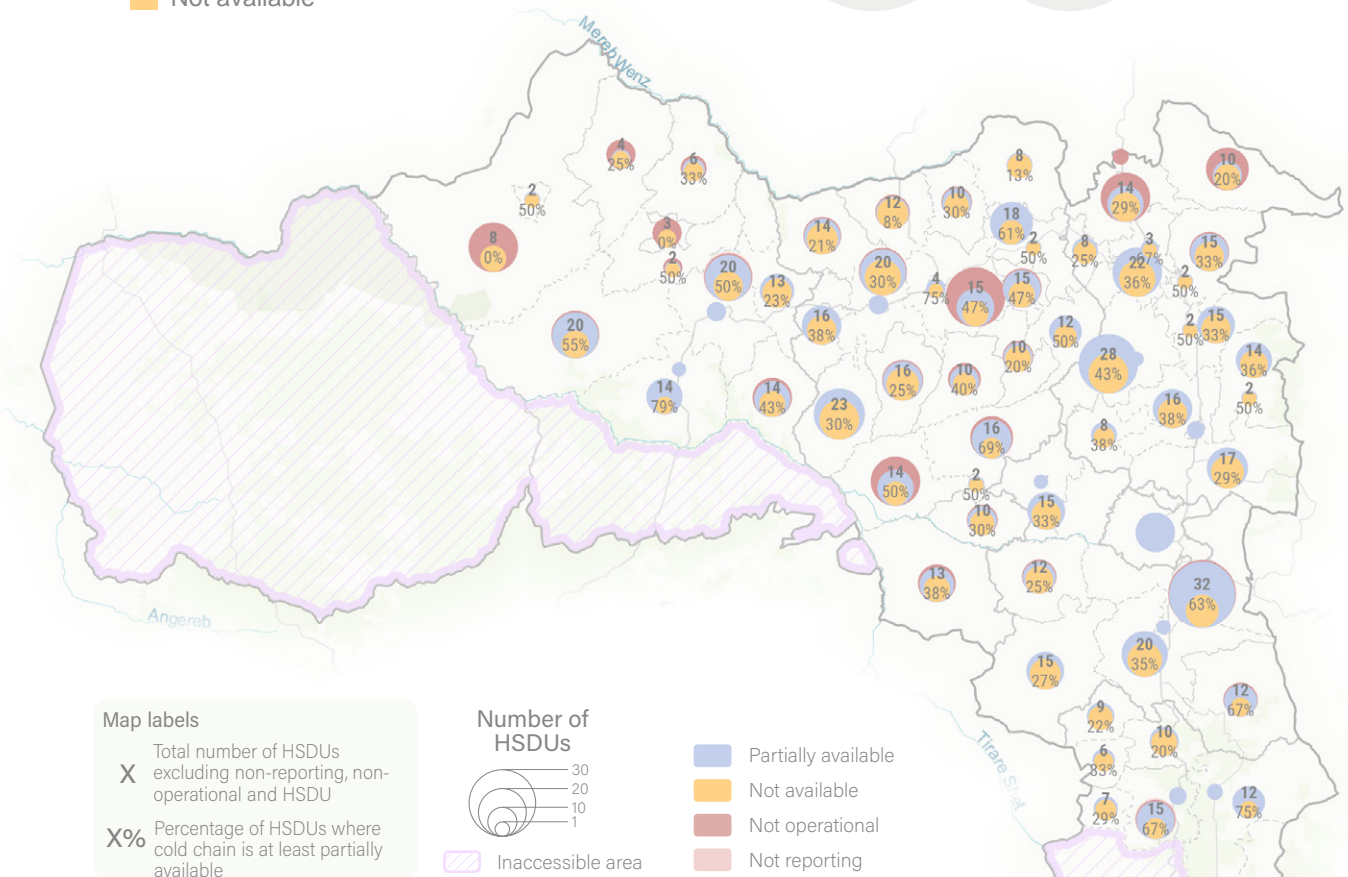
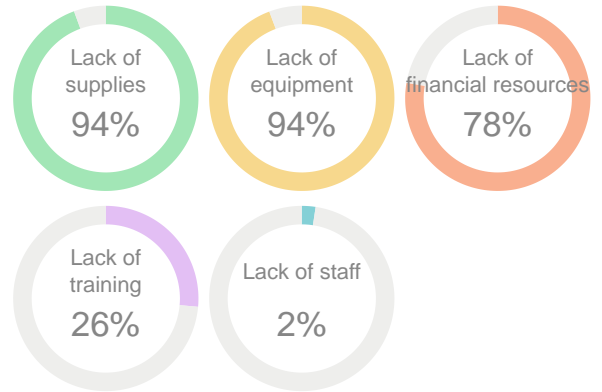
COLD CHAIN

Cold chain availability

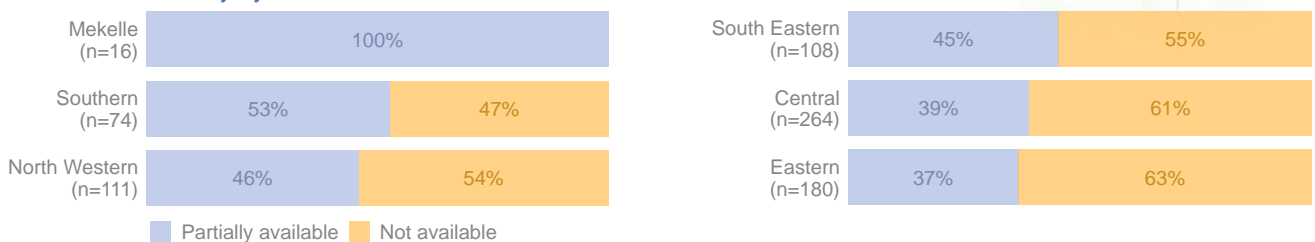
Cold chain availability¹⁴



Main reasons of unavailability
n = 753

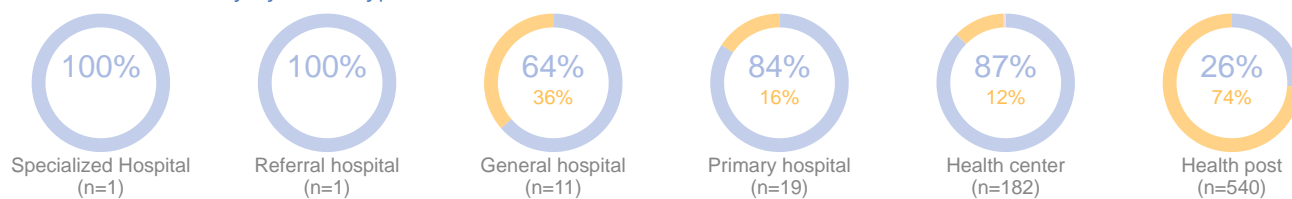


Cold chain availability by zone

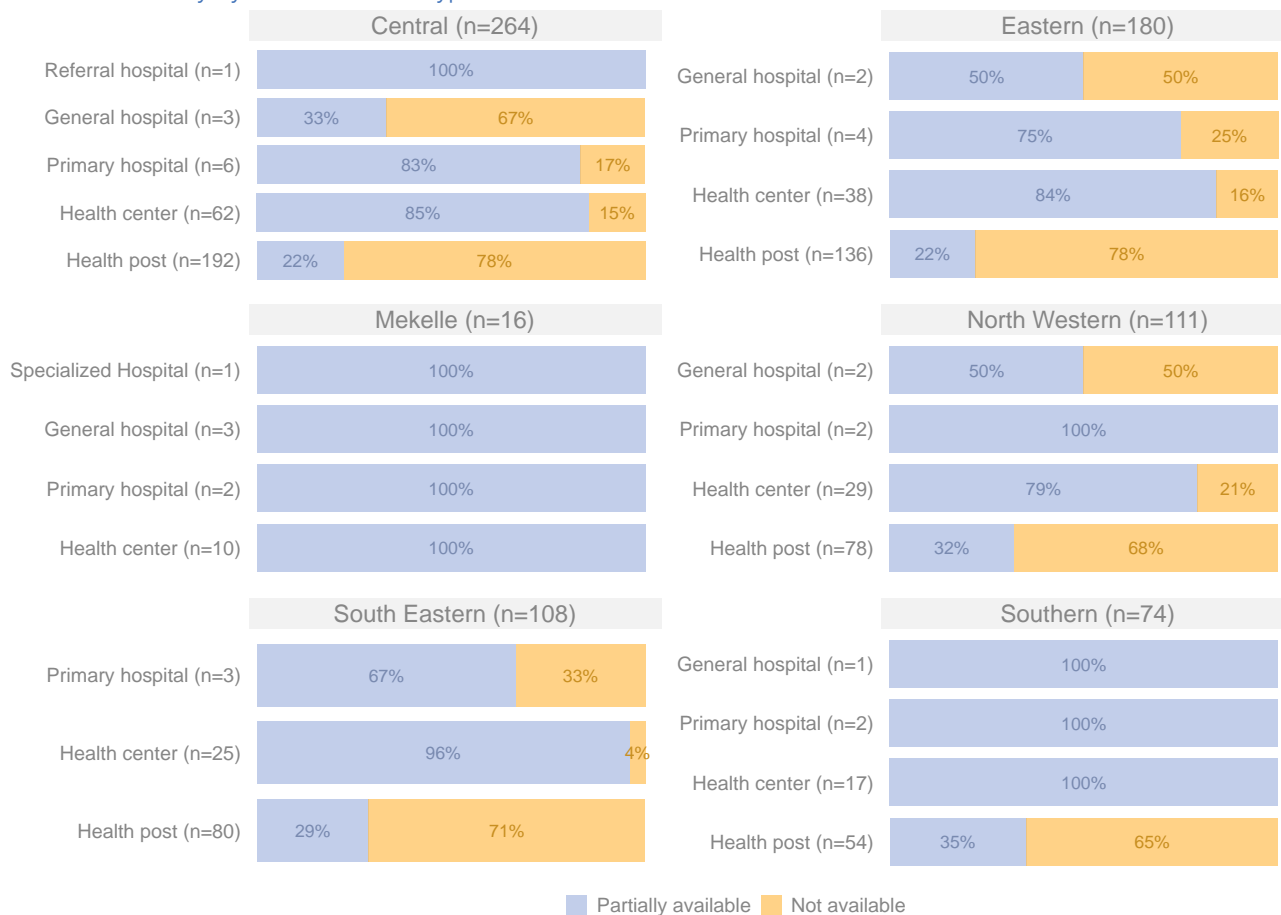


¹⁴ Cold chain is considered available only if functioning and if it provides sufficient capacity for vaccination campaigns/routine vaccination efforts.

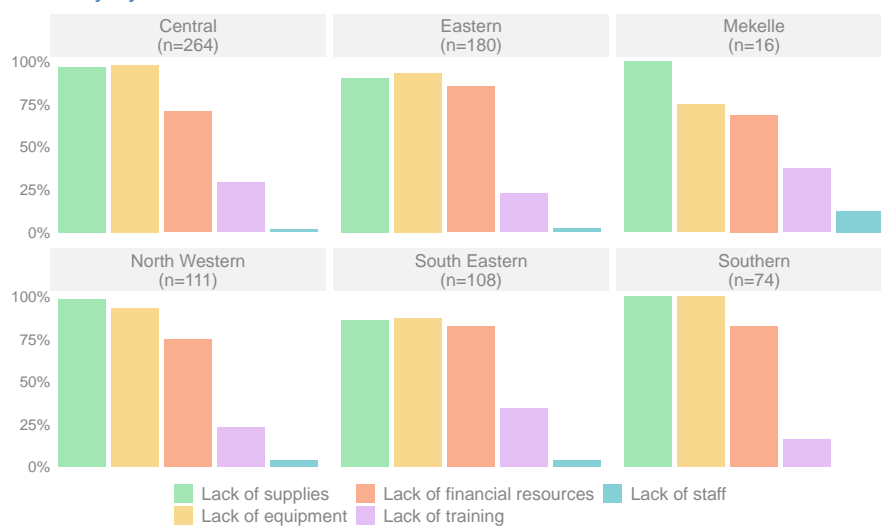
Cold chain availability by HSDU type



Cold chain availability by zone and HSDU type



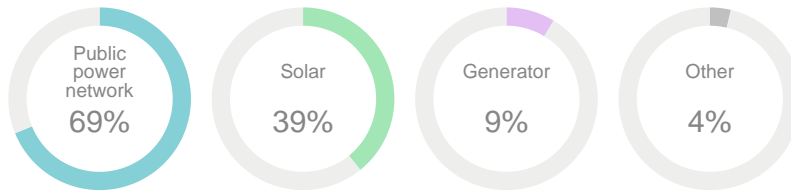
Main reasons of unavailability by zone



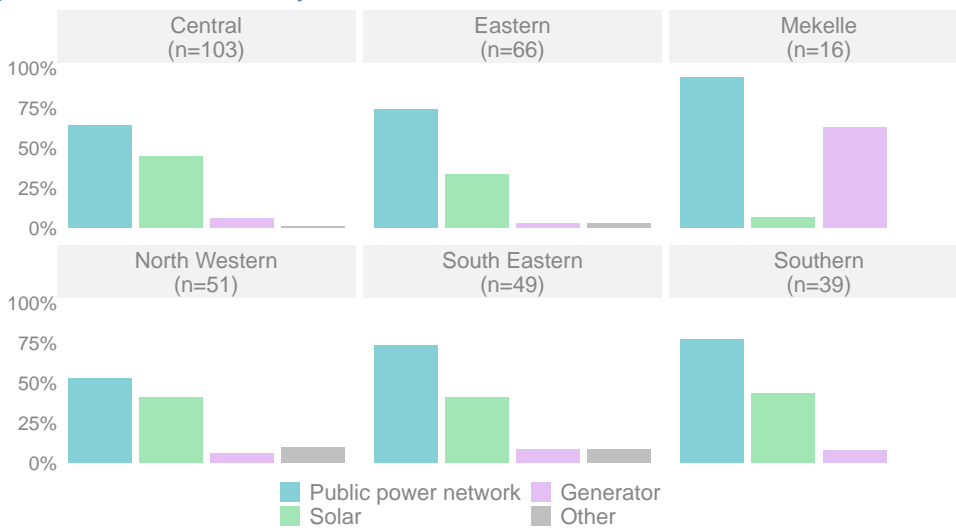
Cold chain power sources

Main cold chain power sources available

n = 324



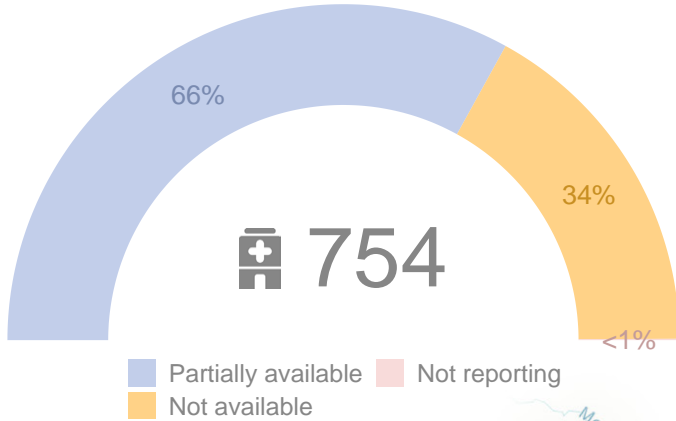
Main cold chain power sources available by zone



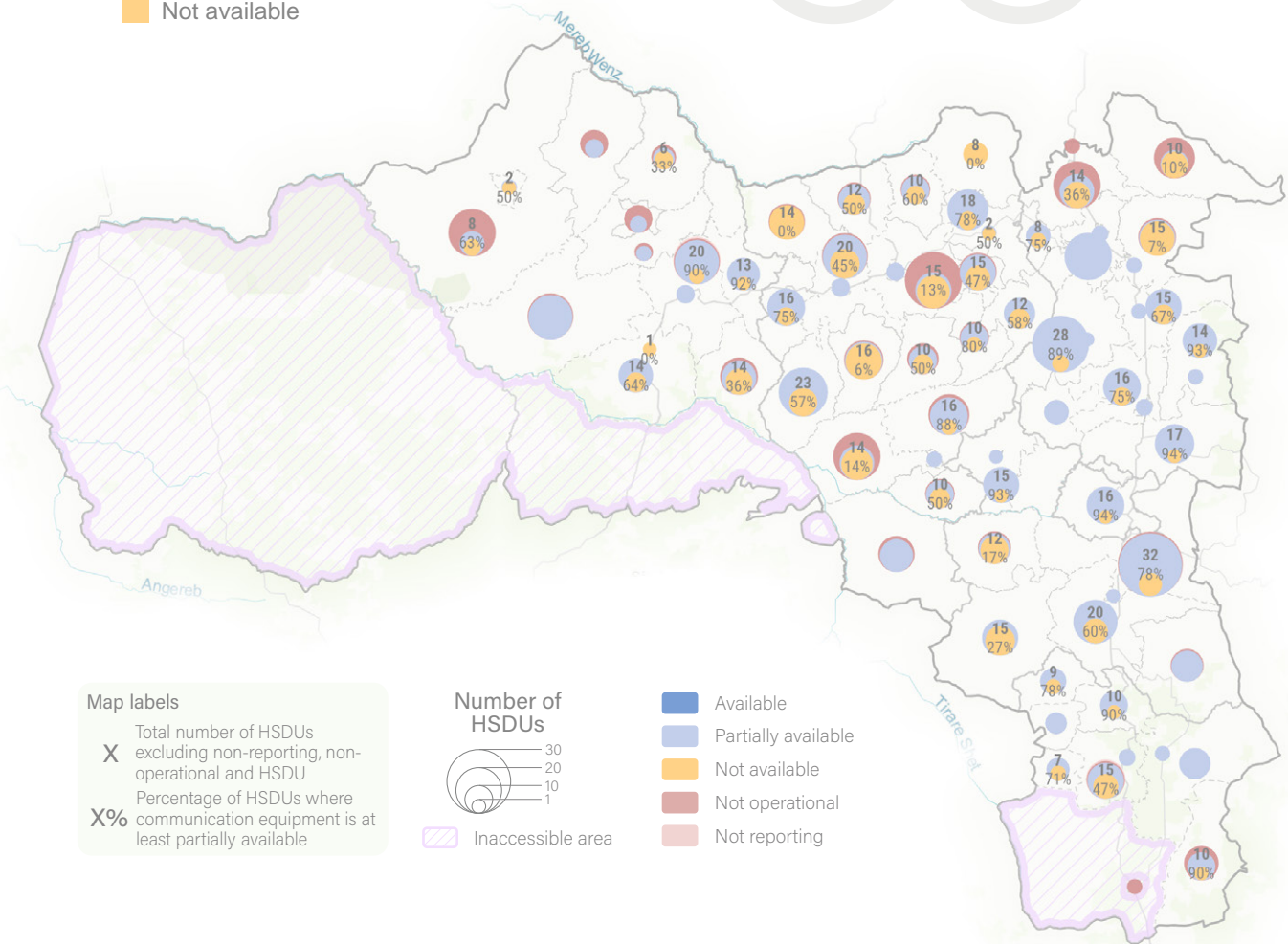
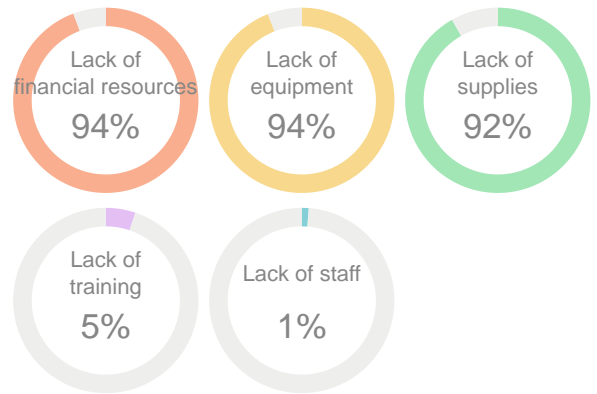
COMMUNICATION EQUIPMENT

Communication equipment availability

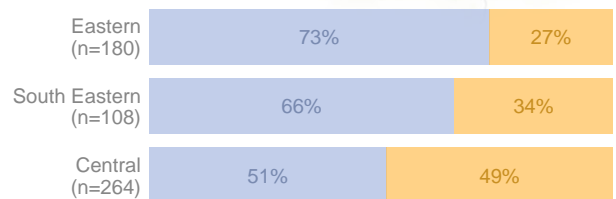
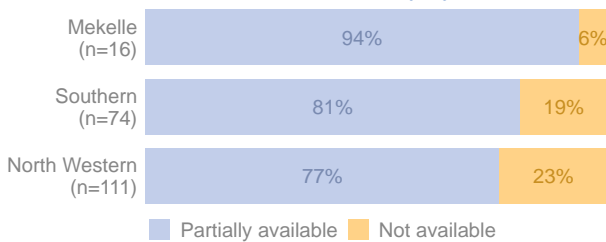
Communication equipment availability



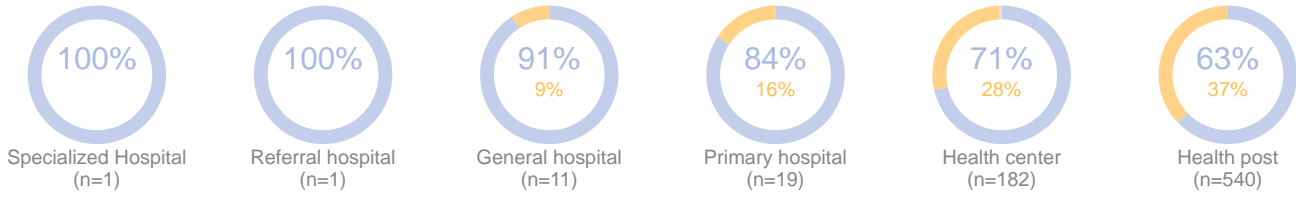
Main reasons of unavailability
n = 753



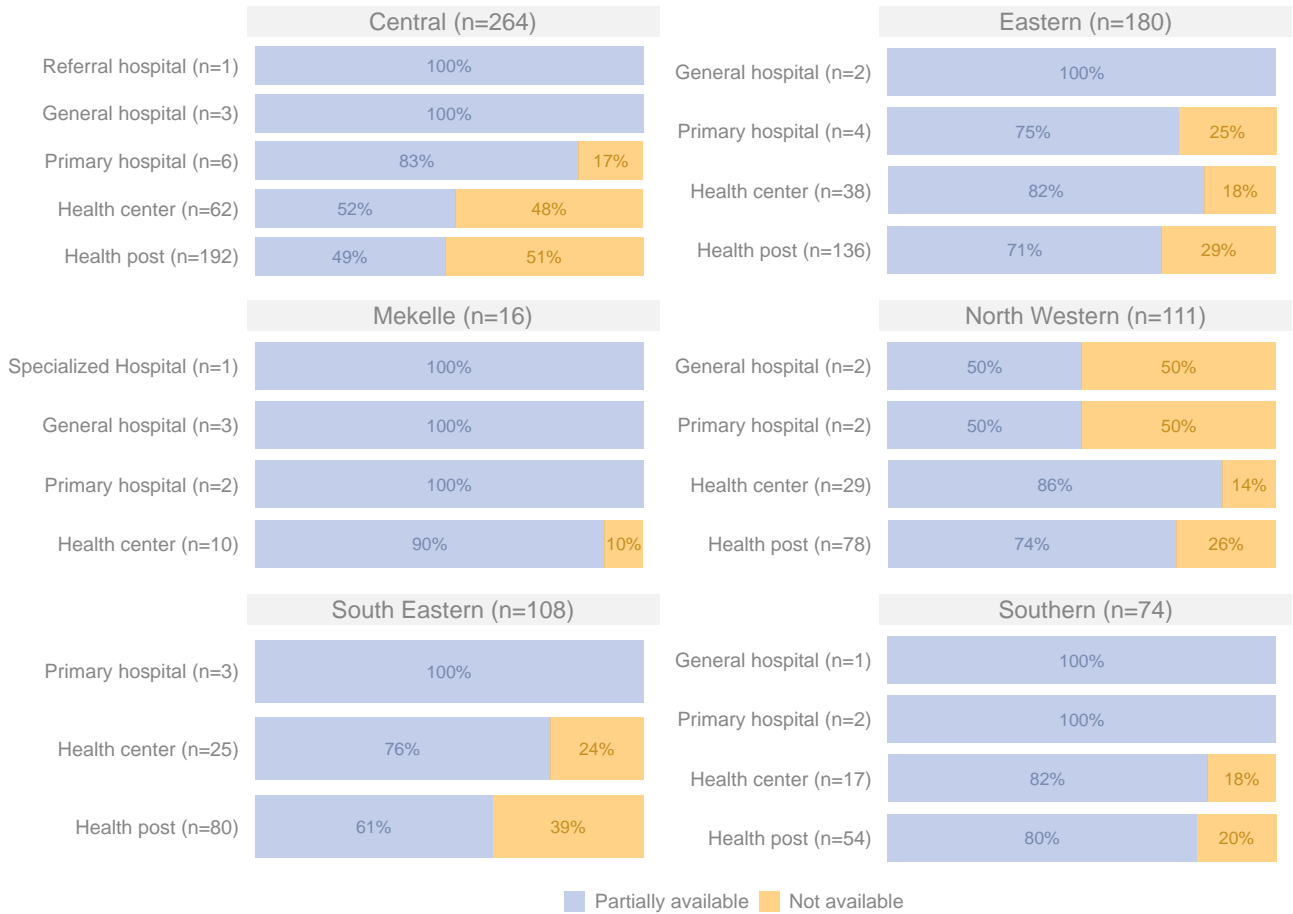
Communication equipment availability by zone



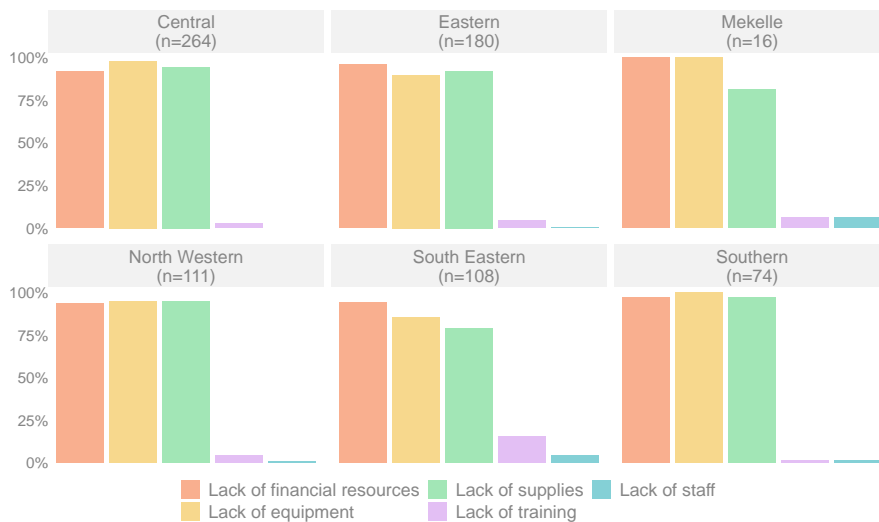
Communication equipment availability by HSDU type



Communication equipment availability by zone and HSDU type



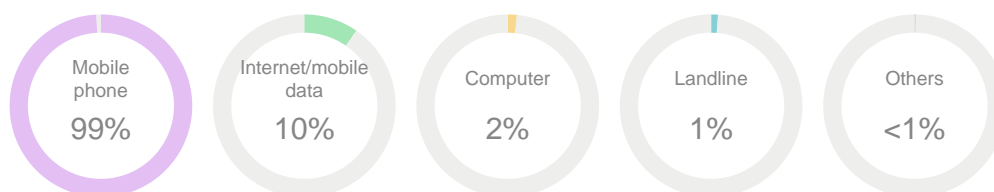
Main reasons of unavailability by zone



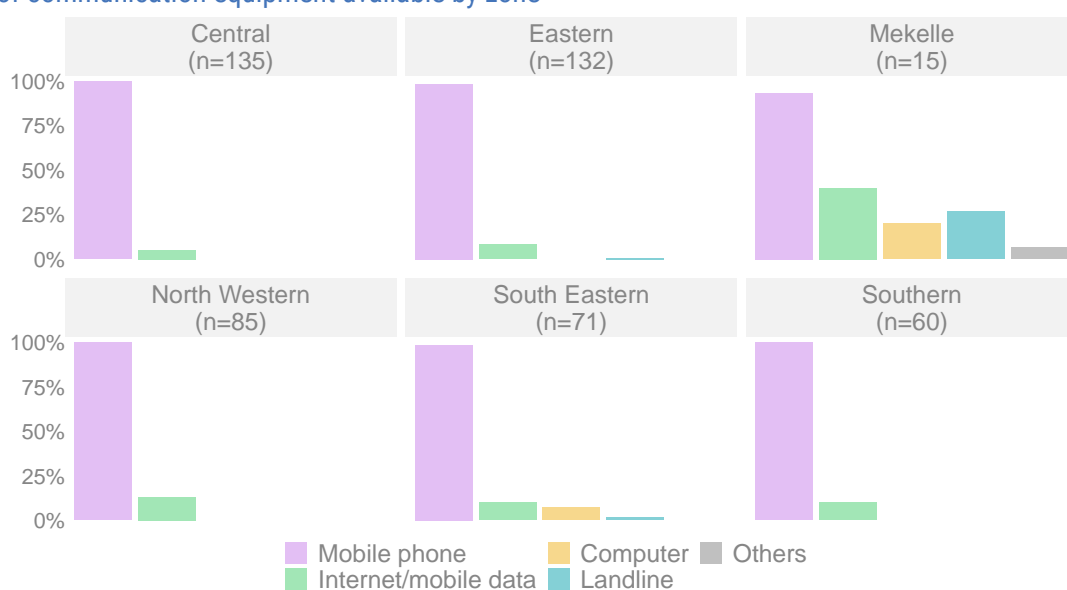
Type of communication equipment

Main types of communication equipment available

n = 498



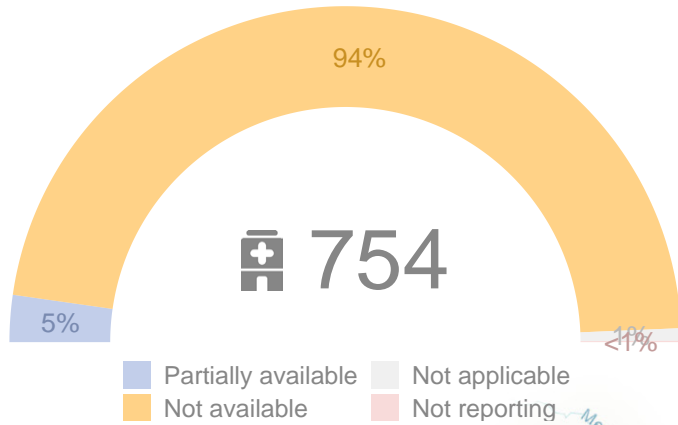
Main types of communication equipment available by zone



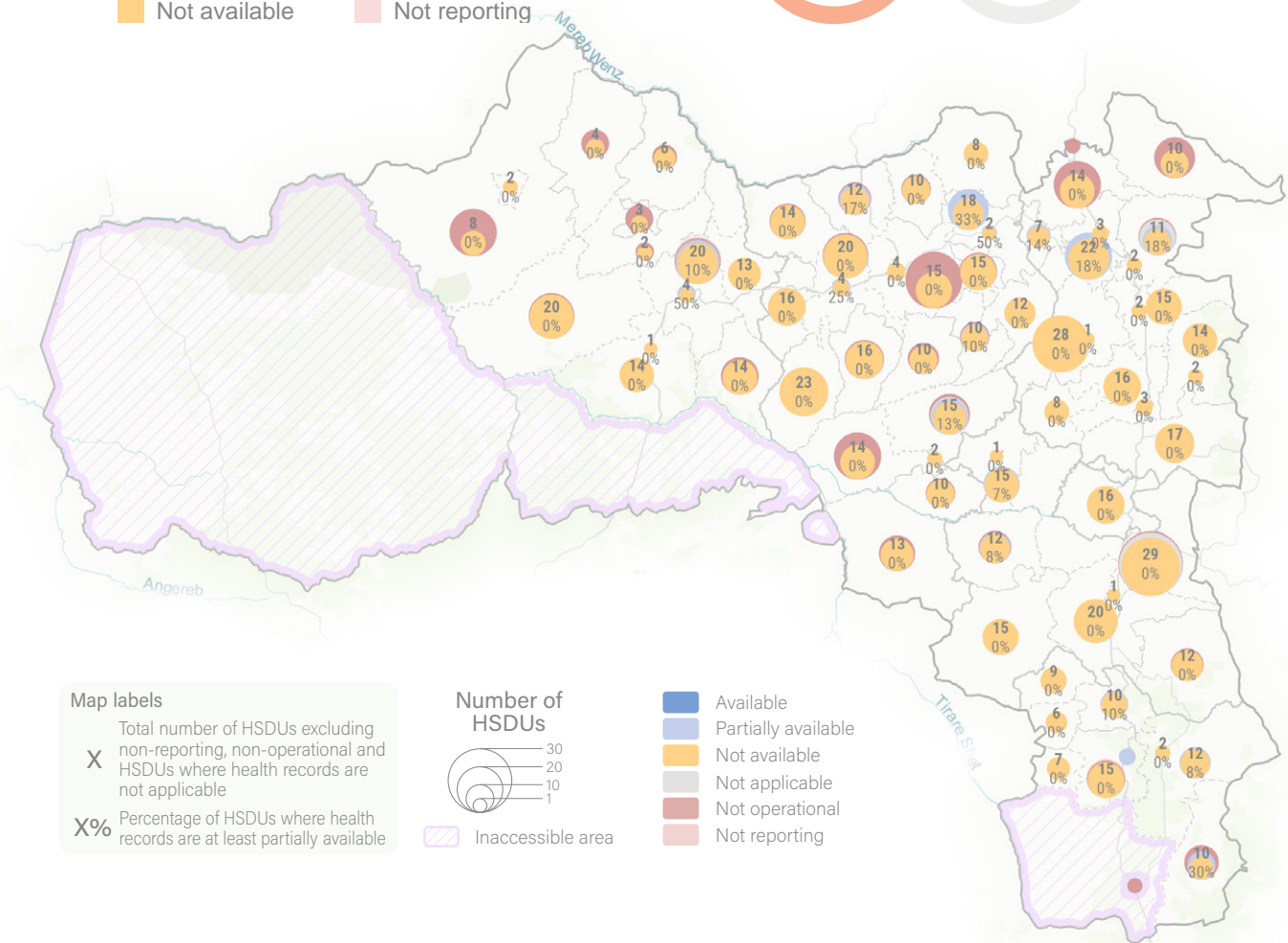
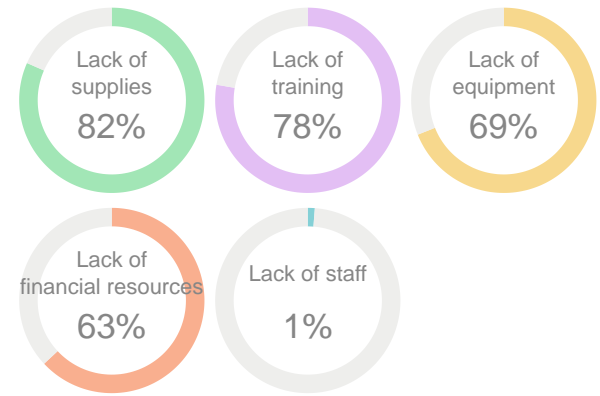
FACILITY-BASED INFORMATION SYSTEMS

Health records

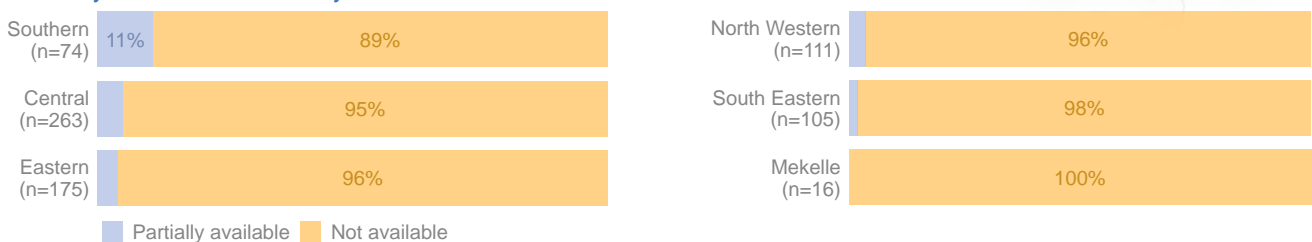
Availability of Health records¹⁵



Main reasons of unavailability
n = 744

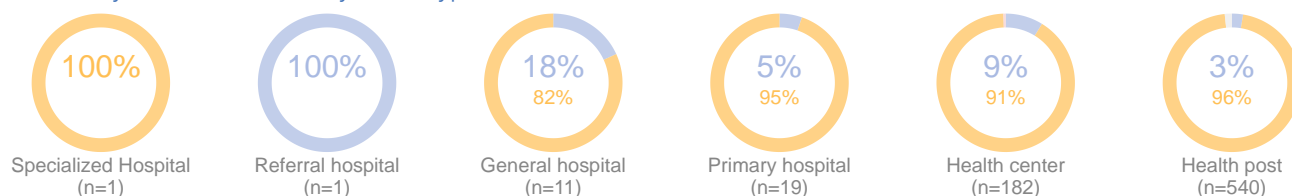


Availability of Health records by zone[†]

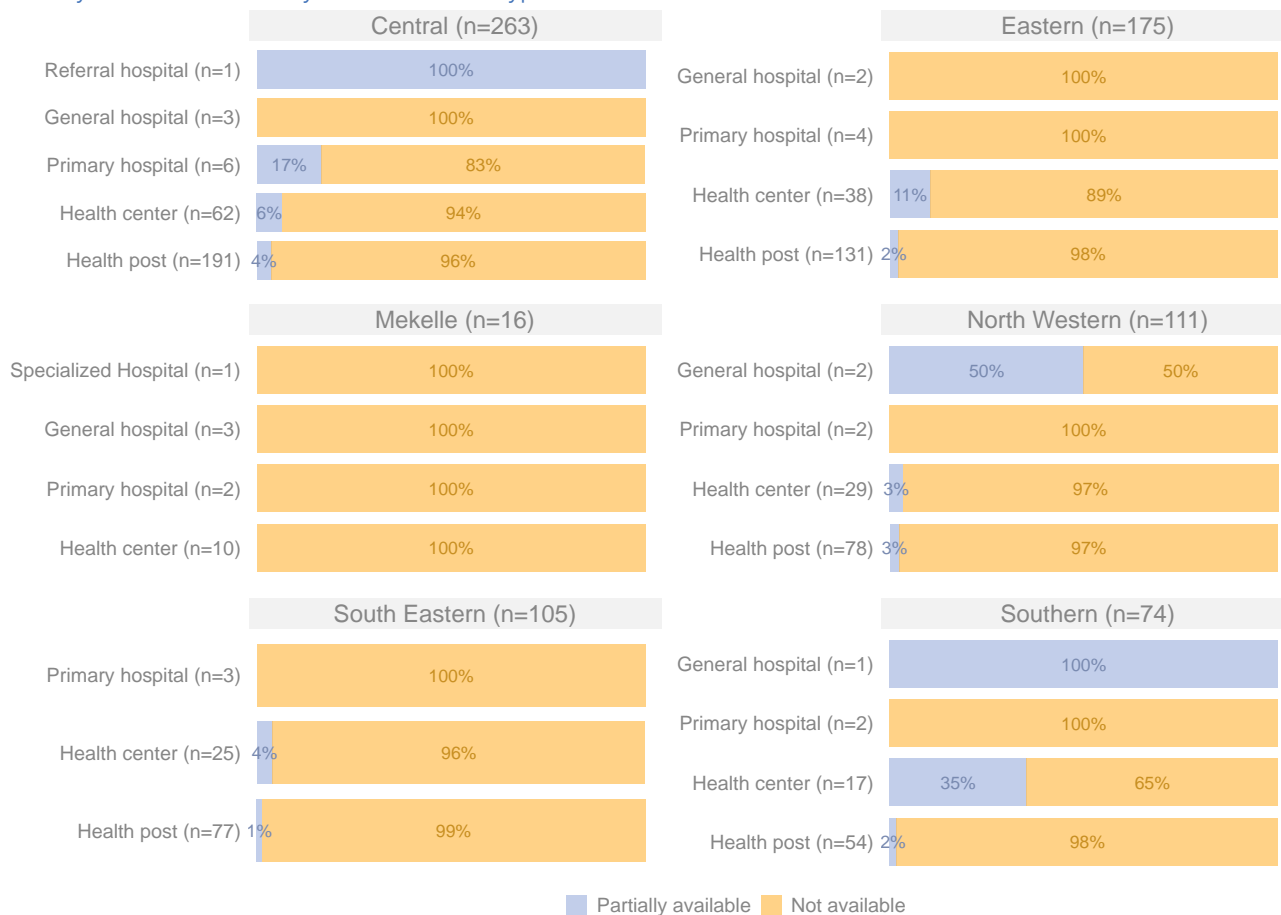


¹⁵ Health records include OPD, IPD, ANC, deliveries, laboratory registers, PHEM IDSR 002 & 003 forms, immunization register
[†] Chart excludes HSDUs where health records are not applicable.

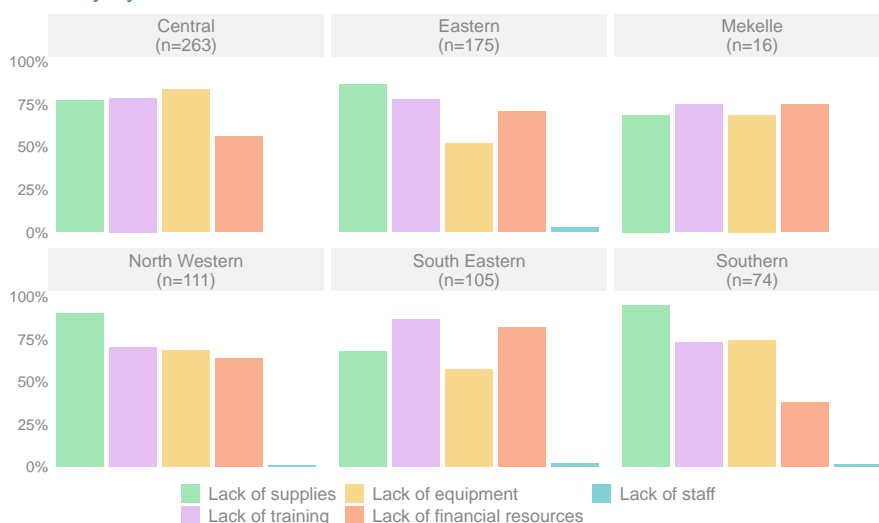
Availability of Health records by HSDU type



Availability of Health records by zone and HSDU type†

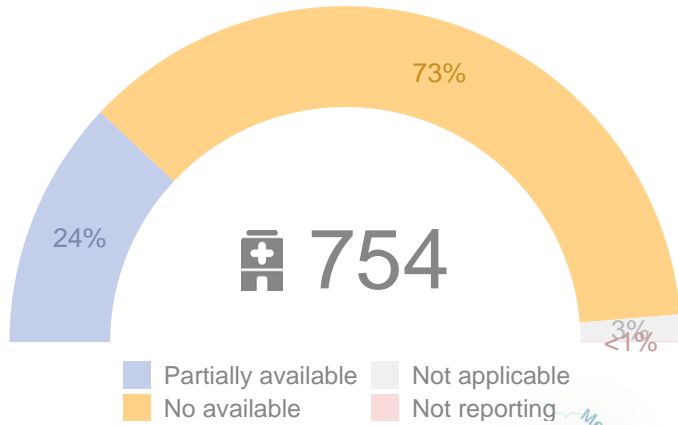


Main reasons of unavailability by zone

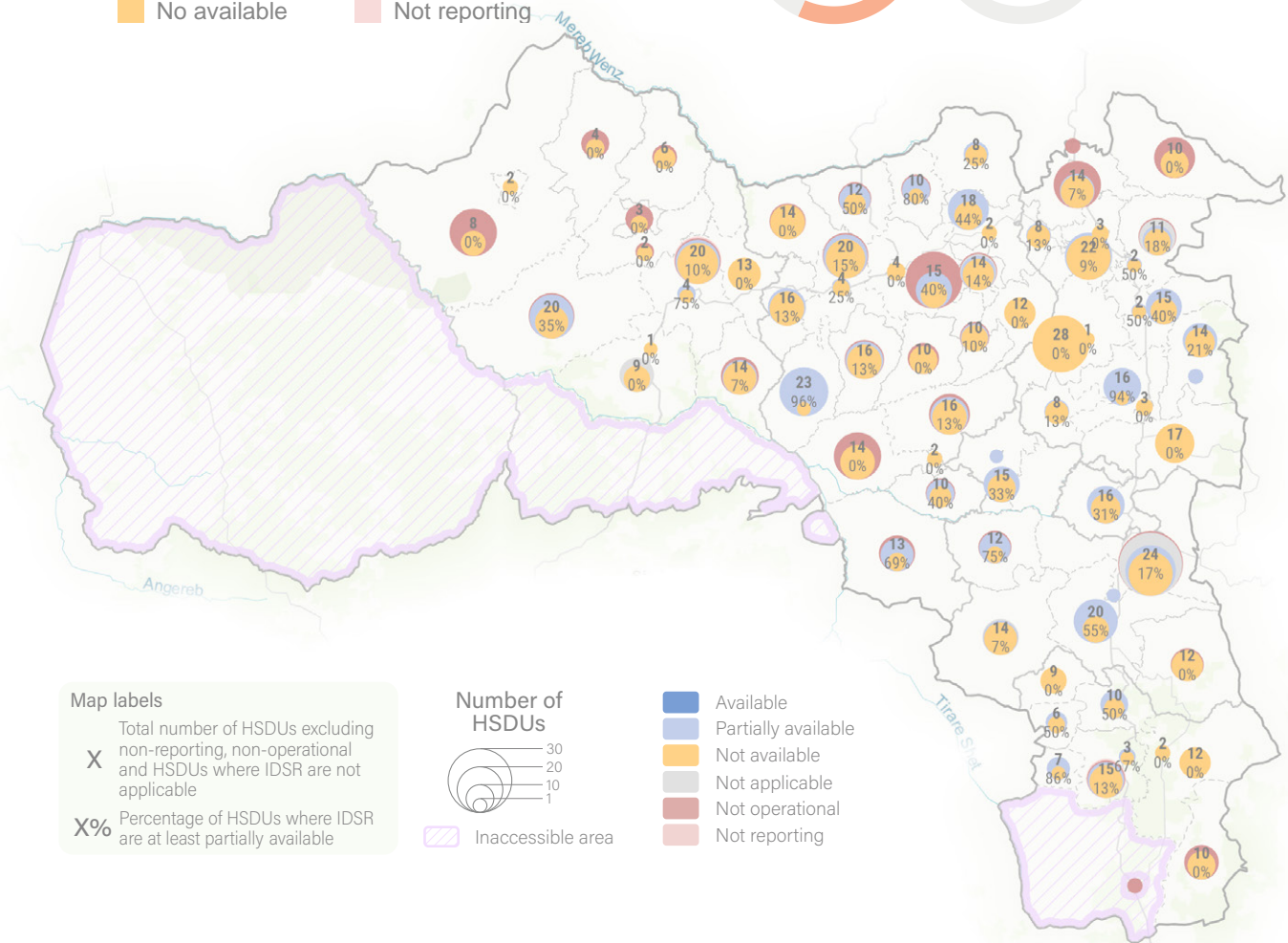
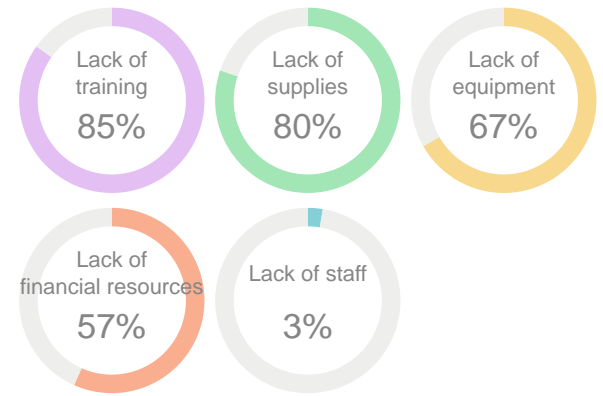


Integrated Disease Surveillance and Response

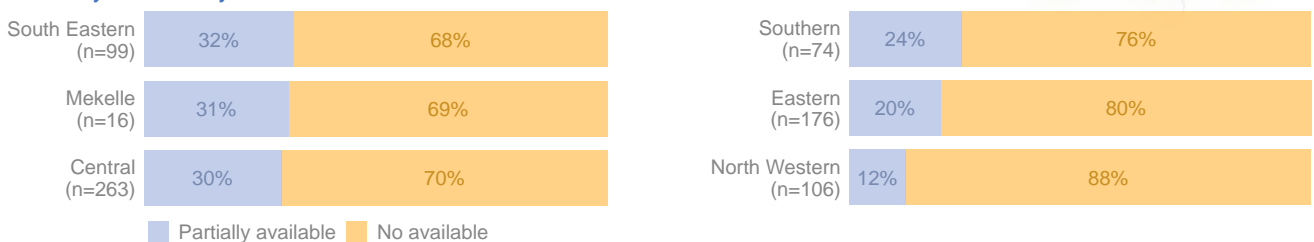
Availability of IDSR



Main reasons of unavailability n = 734

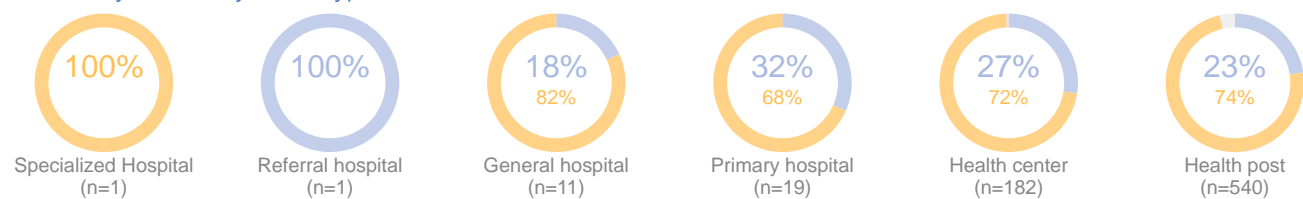


Availability of IDSR by zone†

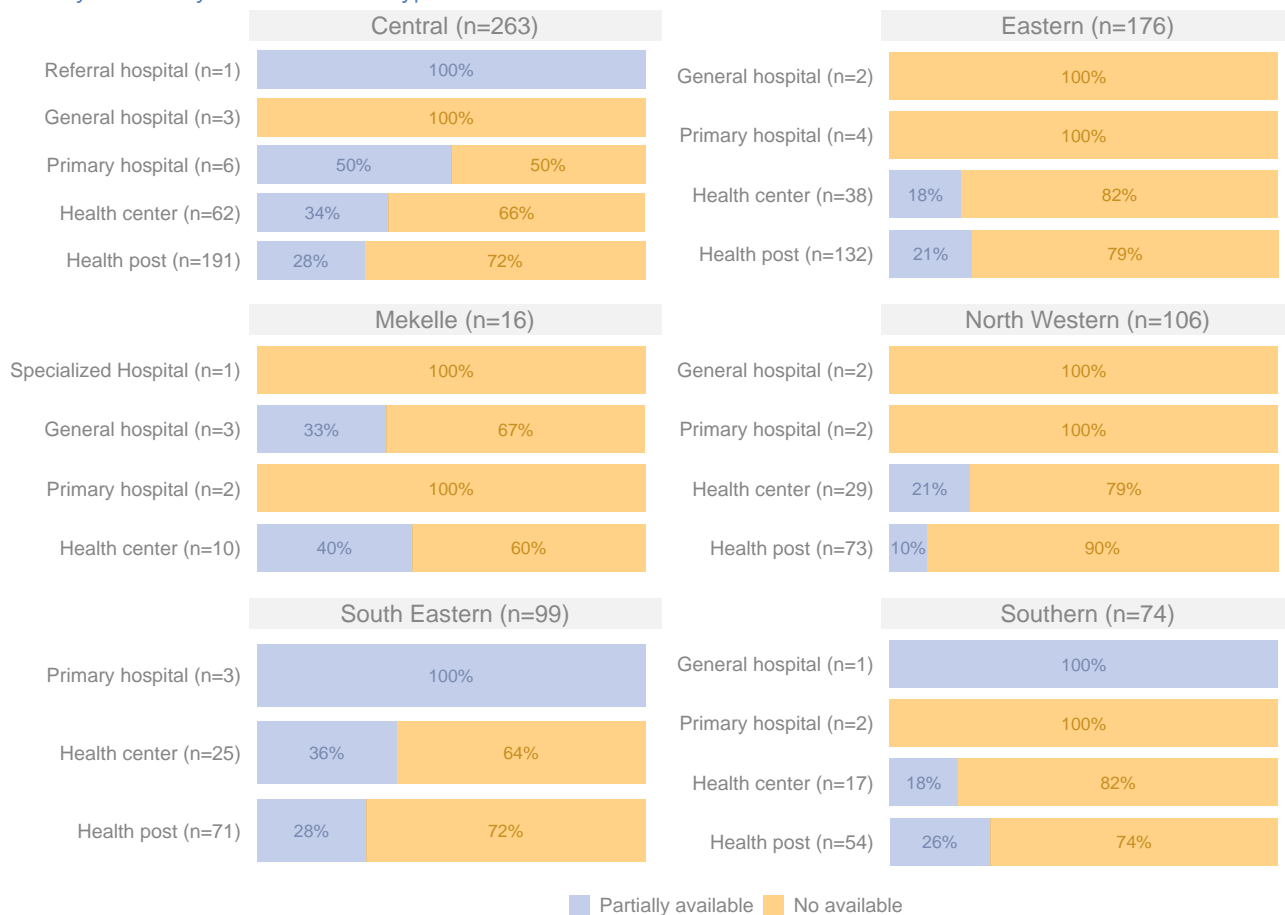


† Chart excludes HSDUs where IDSR is not applicable.

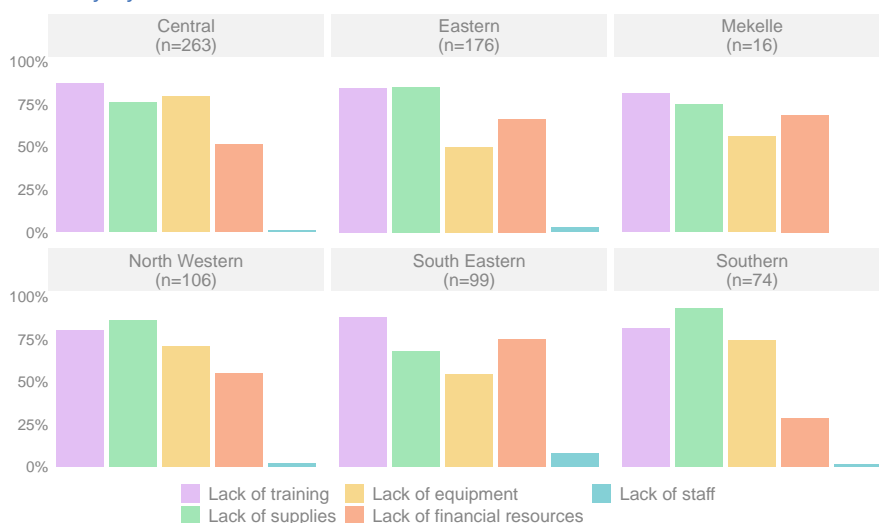
Availability of IDSR by HSDU type



Availability of IDSR by zone and HSDU type†

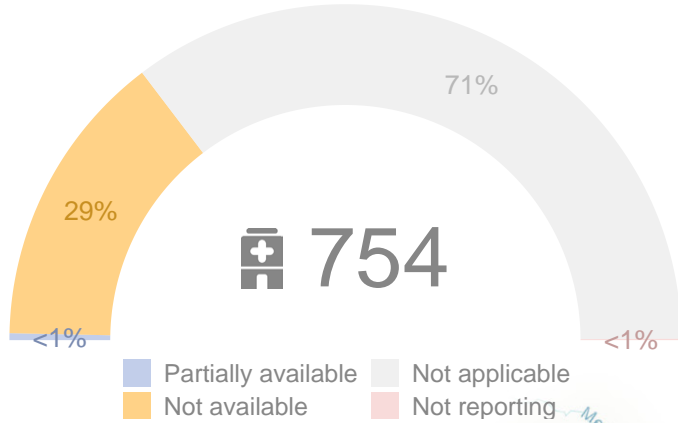


Main reasons of unavailability by zone

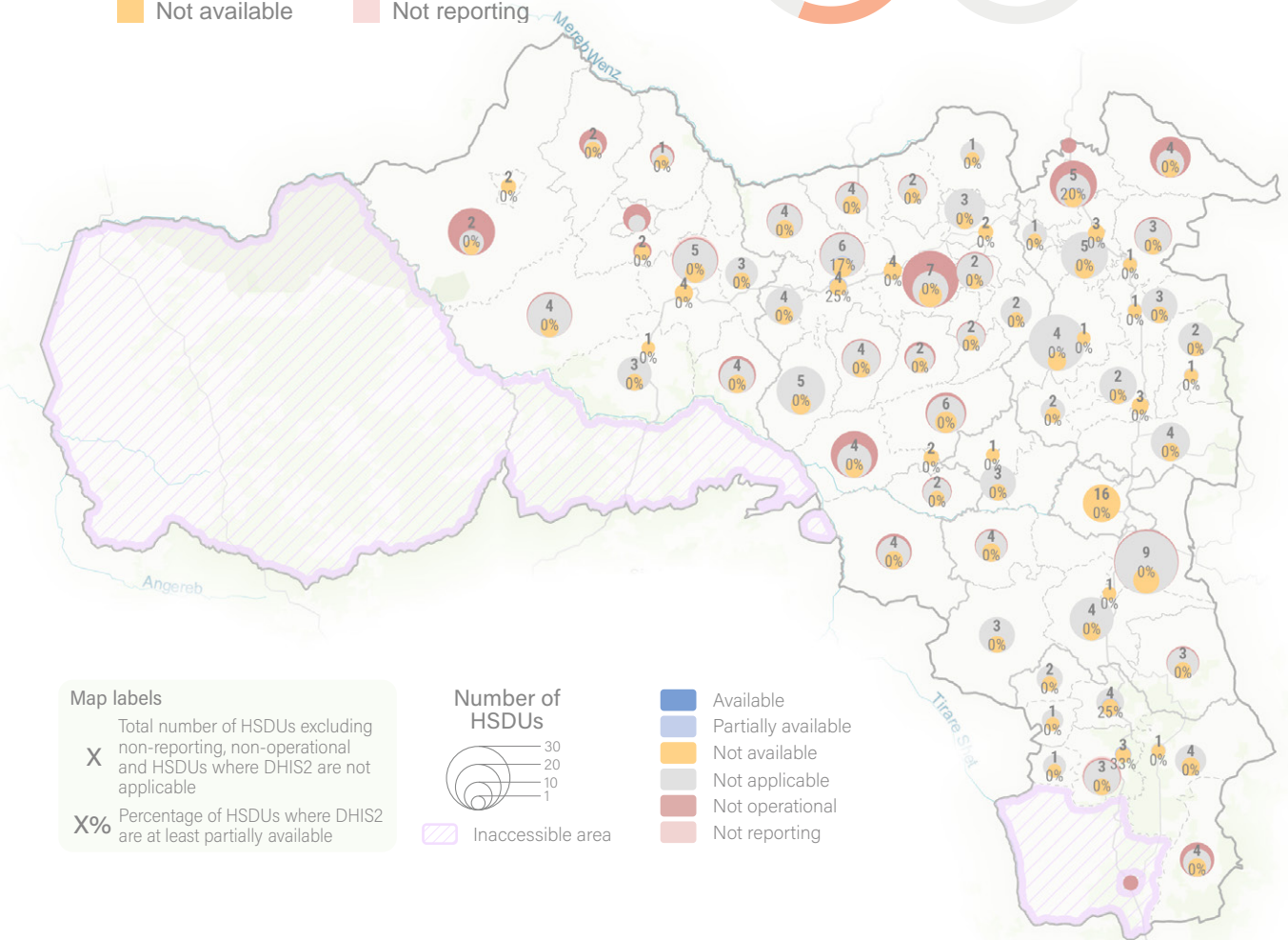
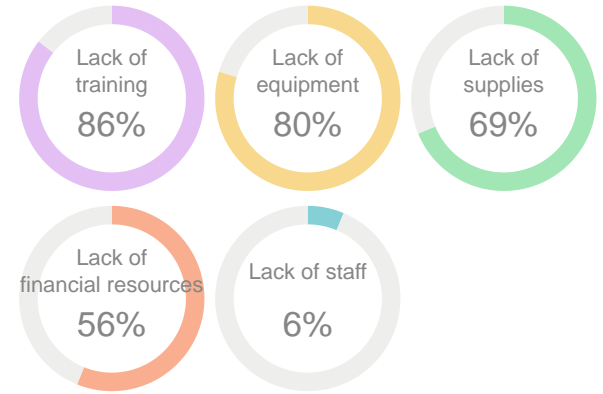


District Health Information System 2

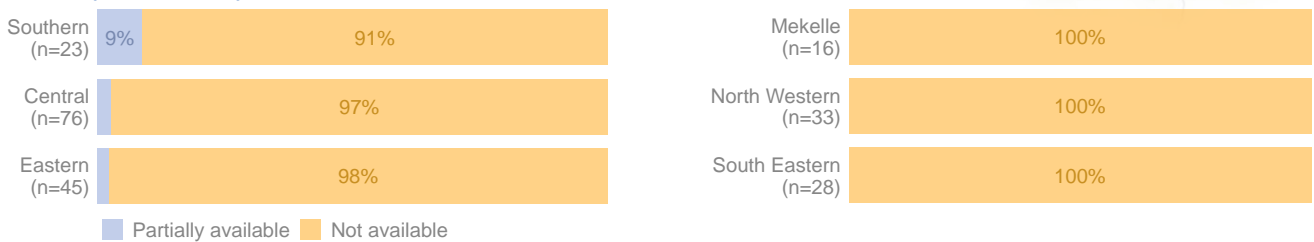
Availability of DHIS2



Main reasons of unavailability n = 221

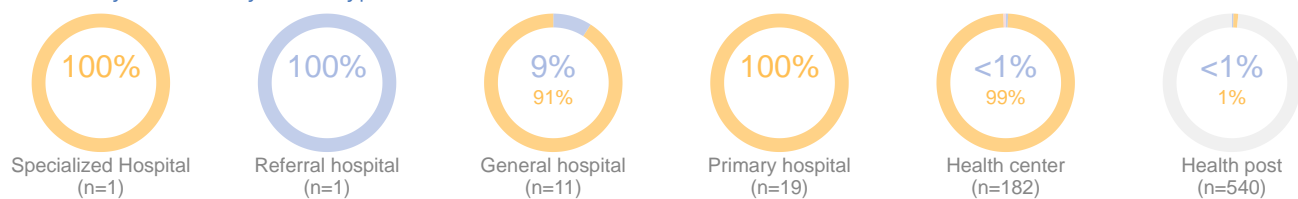


Availability of DHIS2 by zone†

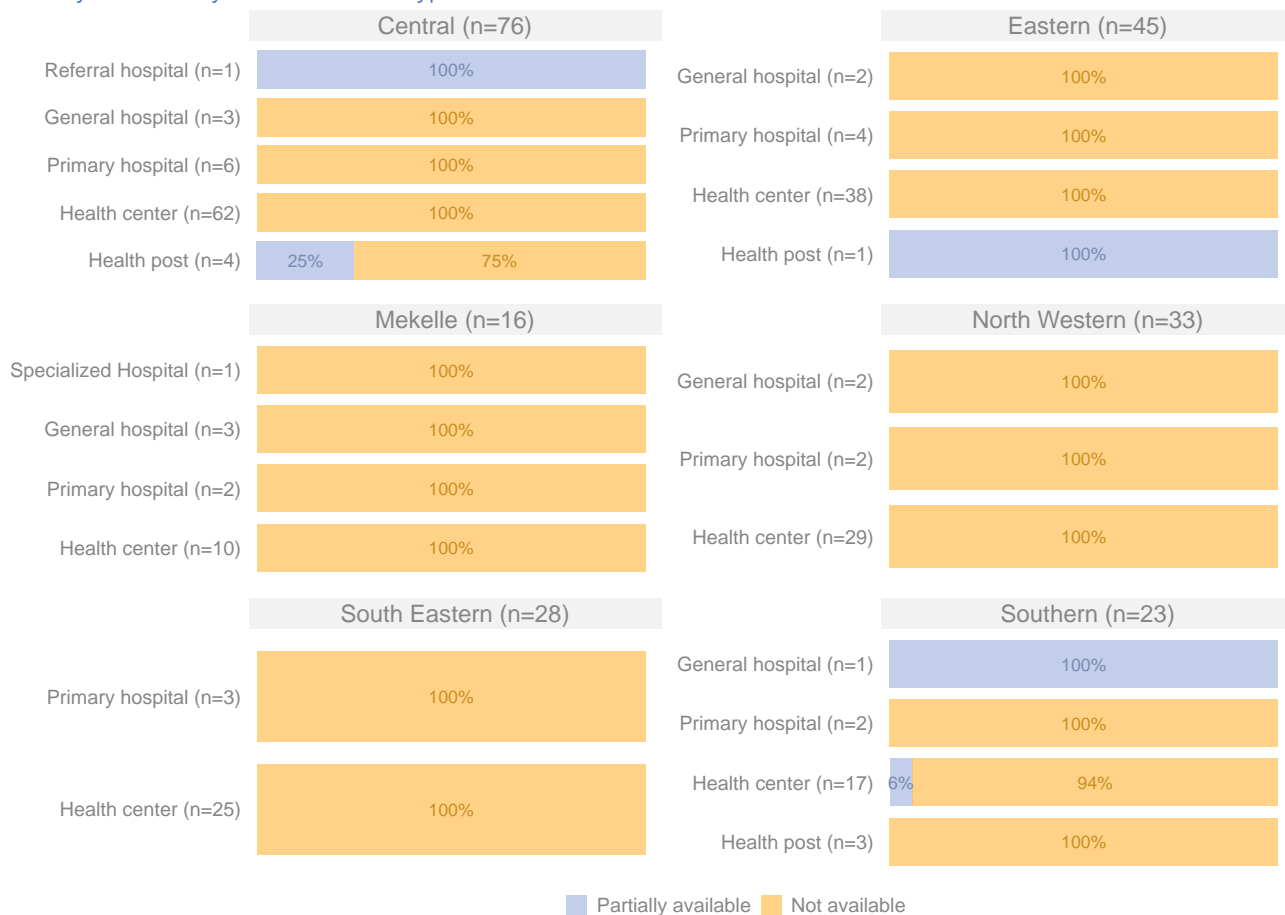


† Chart excludes HSDUs where DHIS2 is not applicable.

Availability of DHIS2 by HSDU type



Availability of DHIS2 by zone and HSDU type†

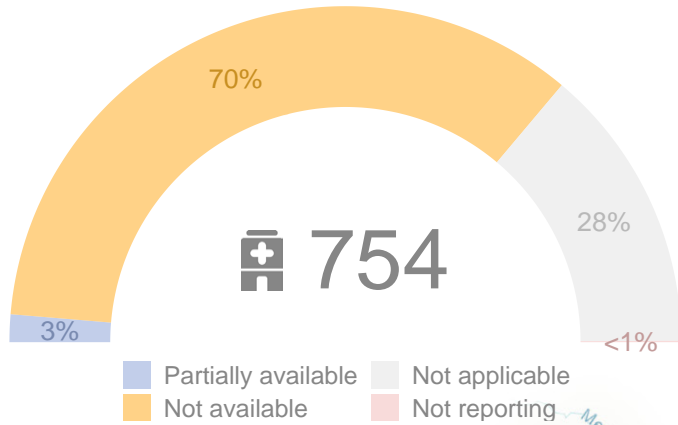


Main reasons of unavailability by zone

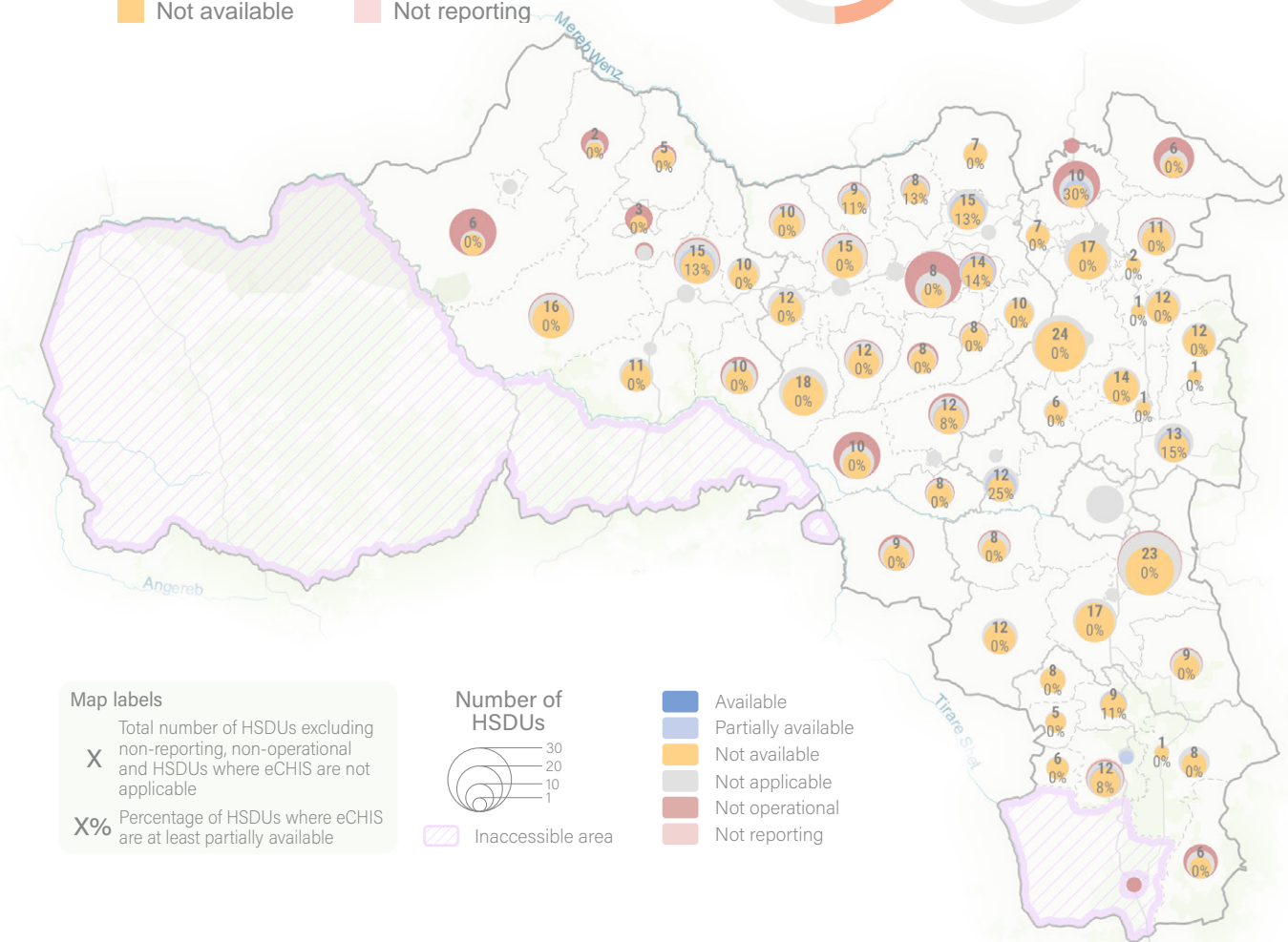
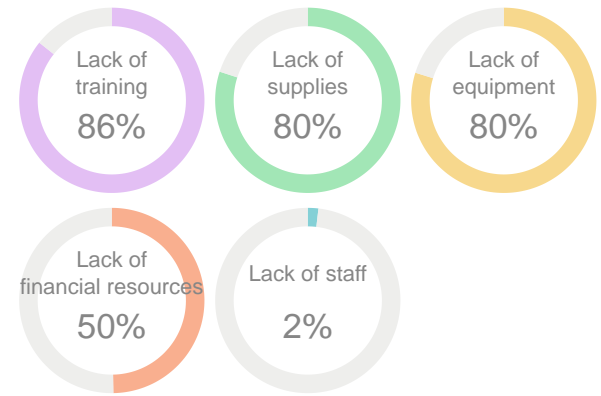


Electronic Community Health Information system

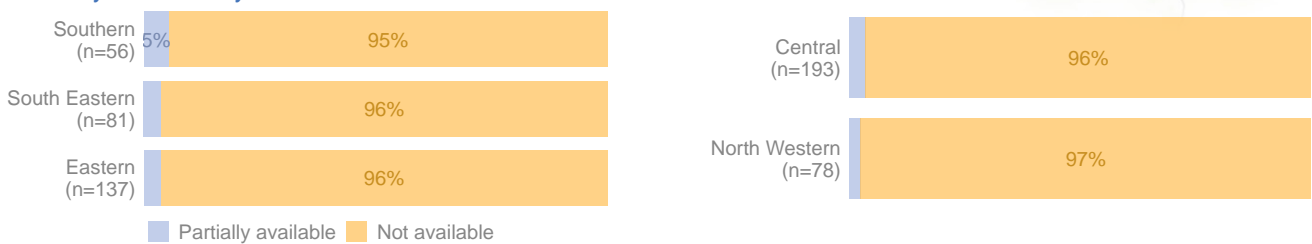
Availability of eCHIS



Main reasons of unavailability n = 545

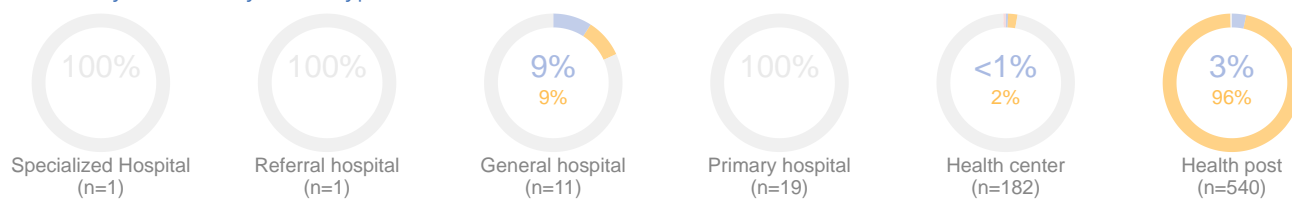


Availability of eCHIS by zone†

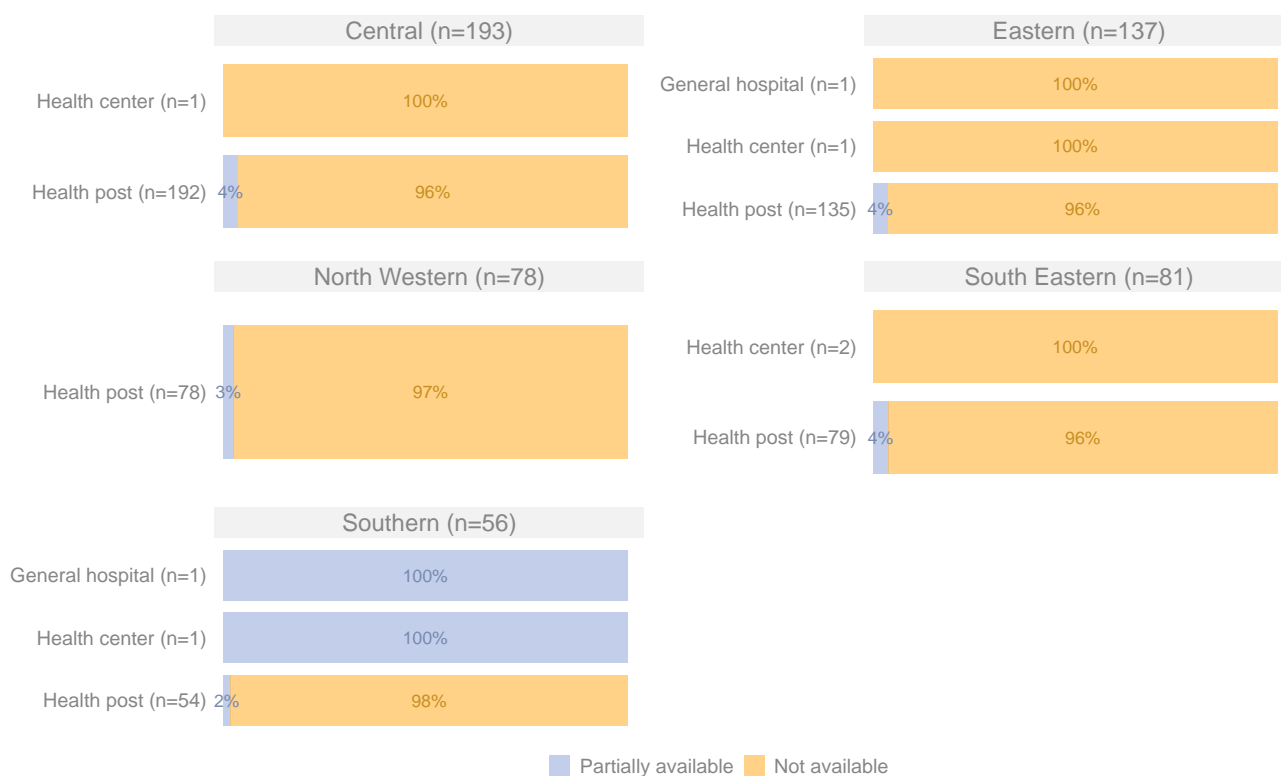


† Chart excludes HSDUs where eCHIS is not applicable.

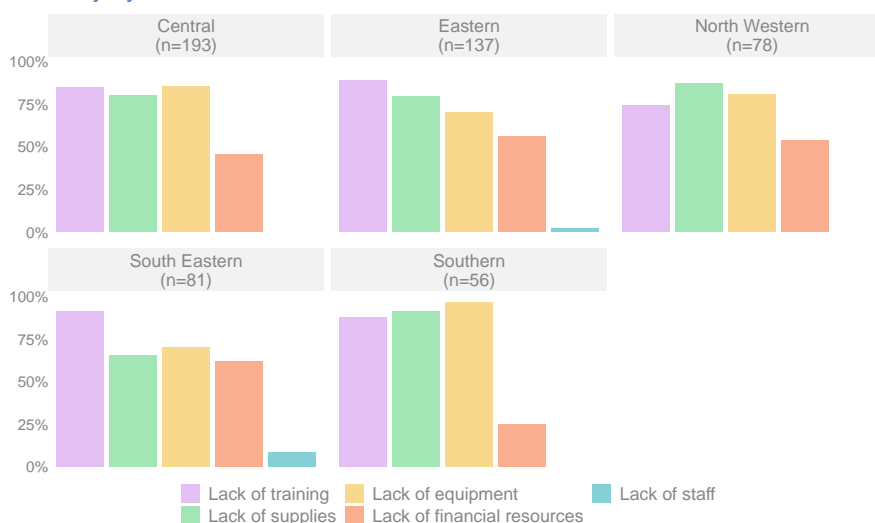
Availability of eCHIS by HSDU type



Availability of eCHIS by zone and HSDU type†

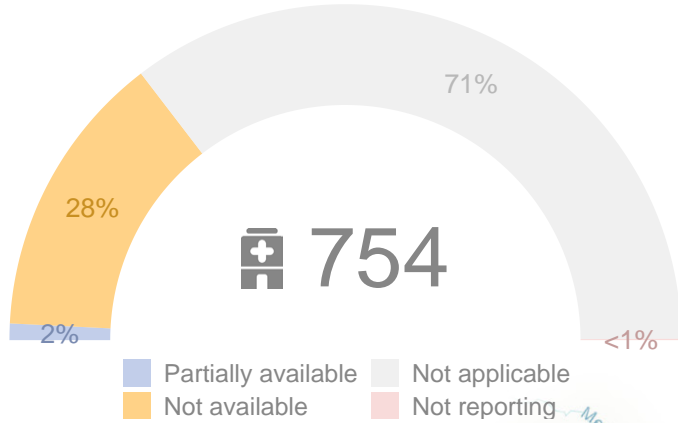


Main reasons of unavailability by zone

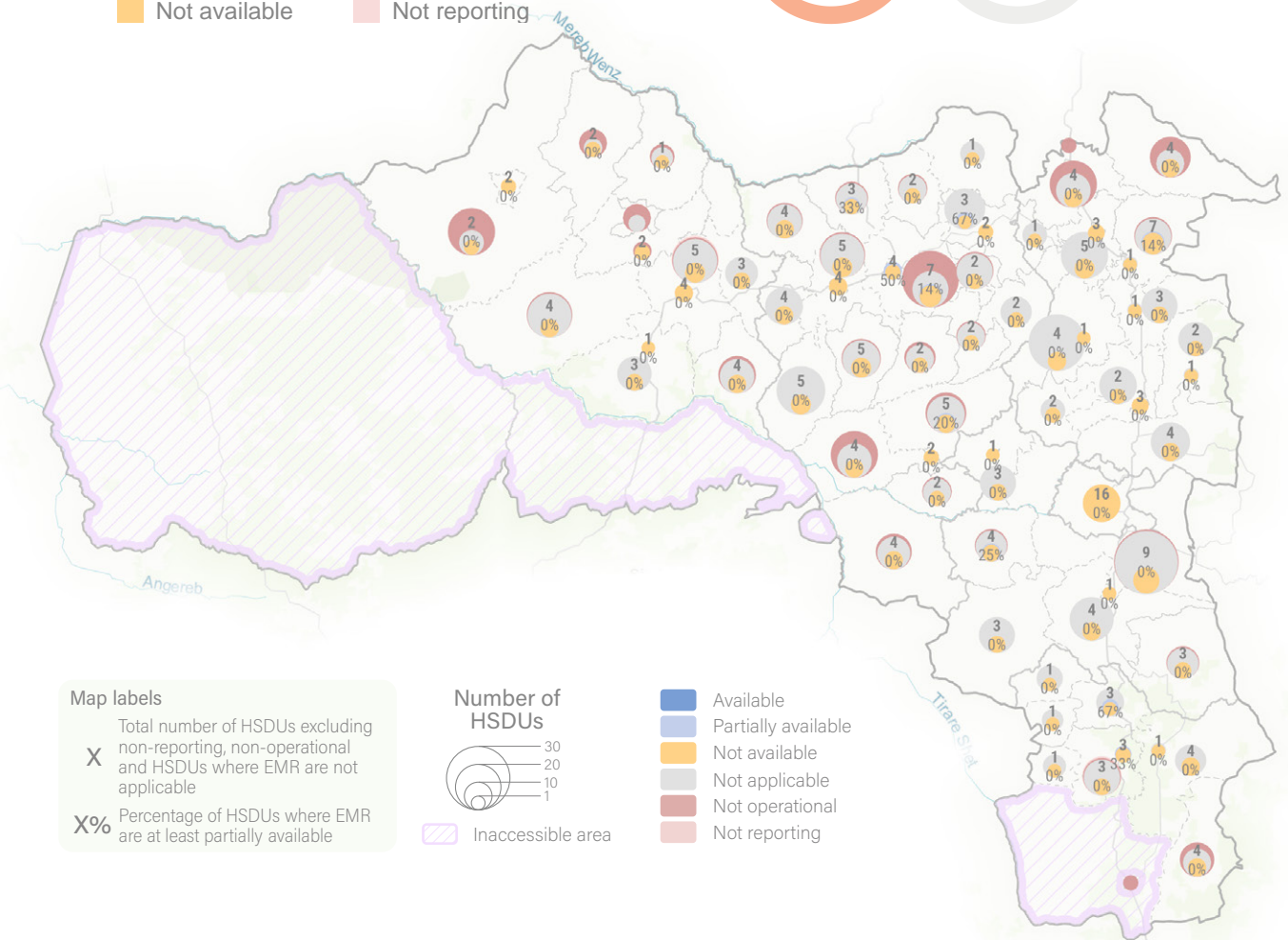
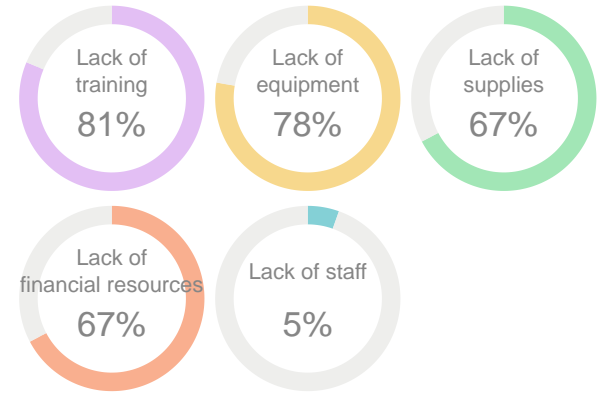


Electronic medical record system

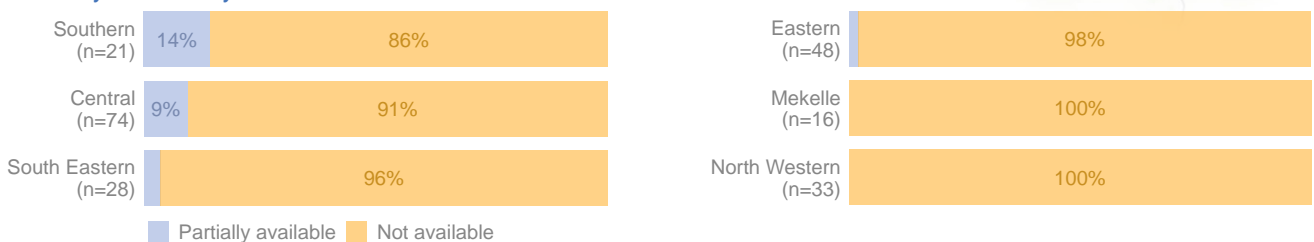
Availability of EMR



Main reasons of unavailability
n = 220

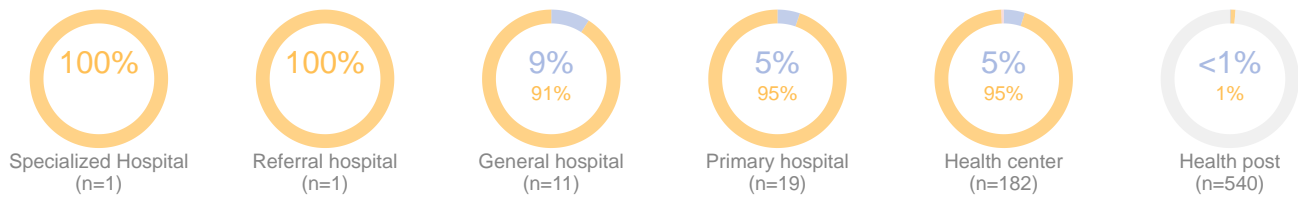


Availability of EMR by zone[†]

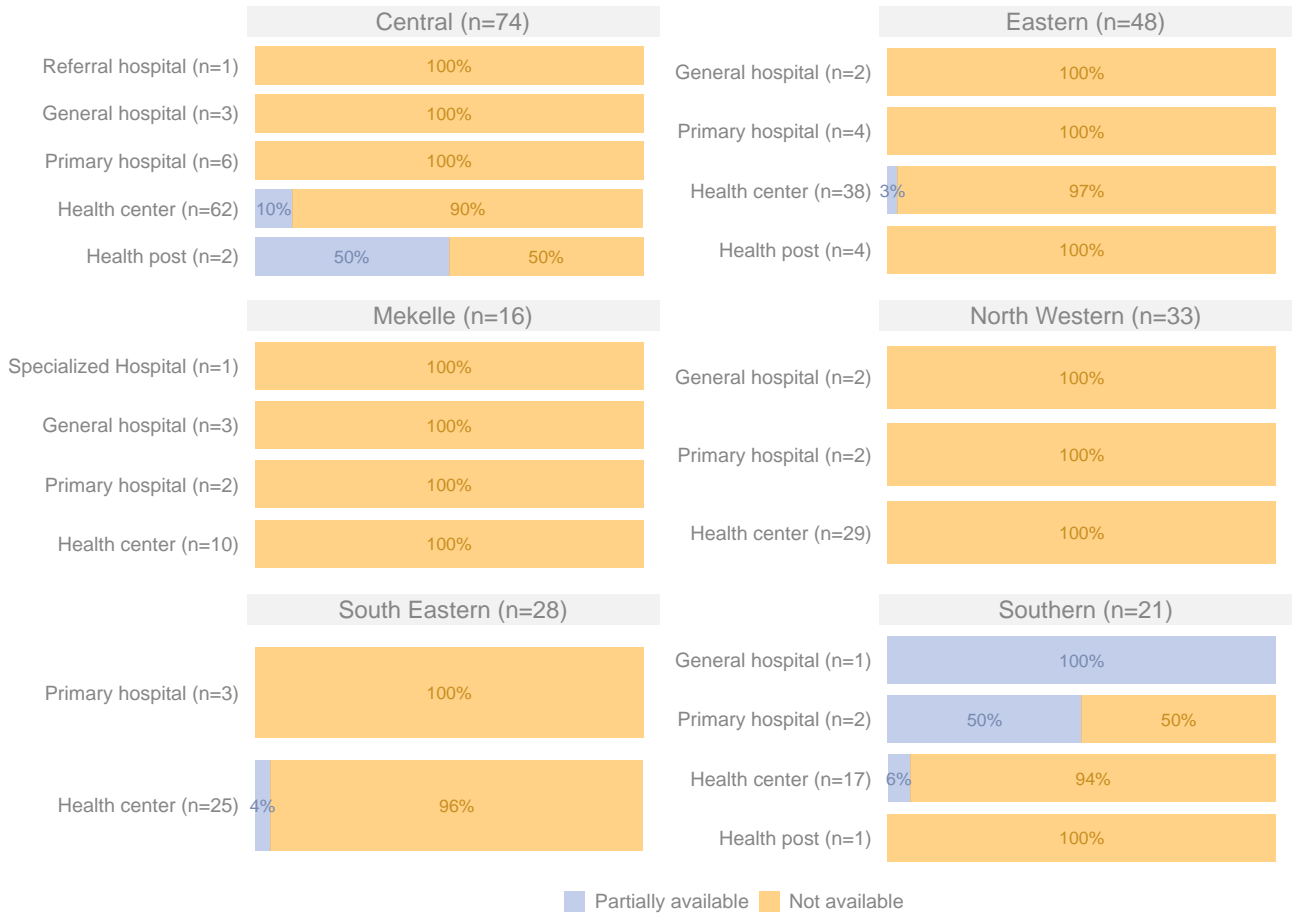


[†] Chart excludes HSDUs where EMR is not applicable.

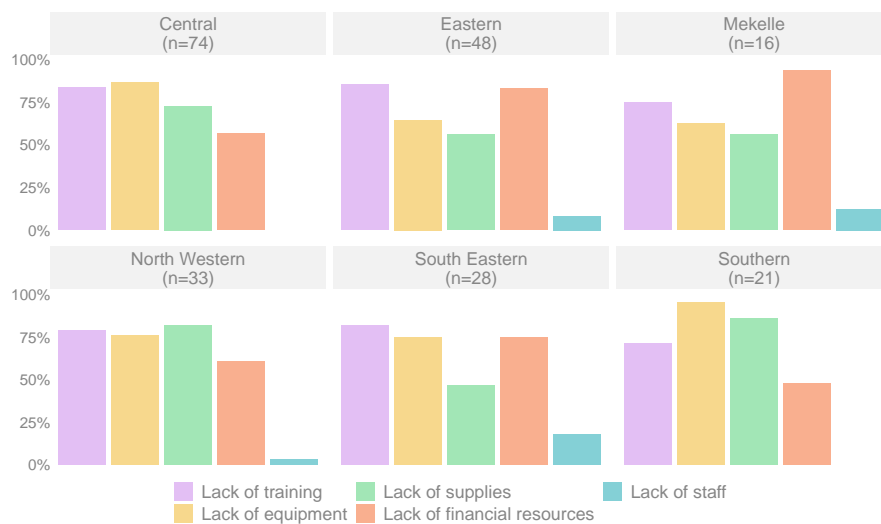
Availability of EMR by HSDU type



Availability of EMR by zone and HSDU type[†]

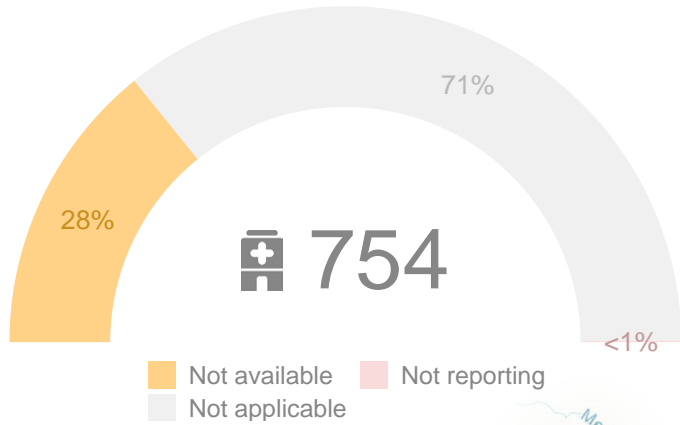


Main reasons of unavailability by zone

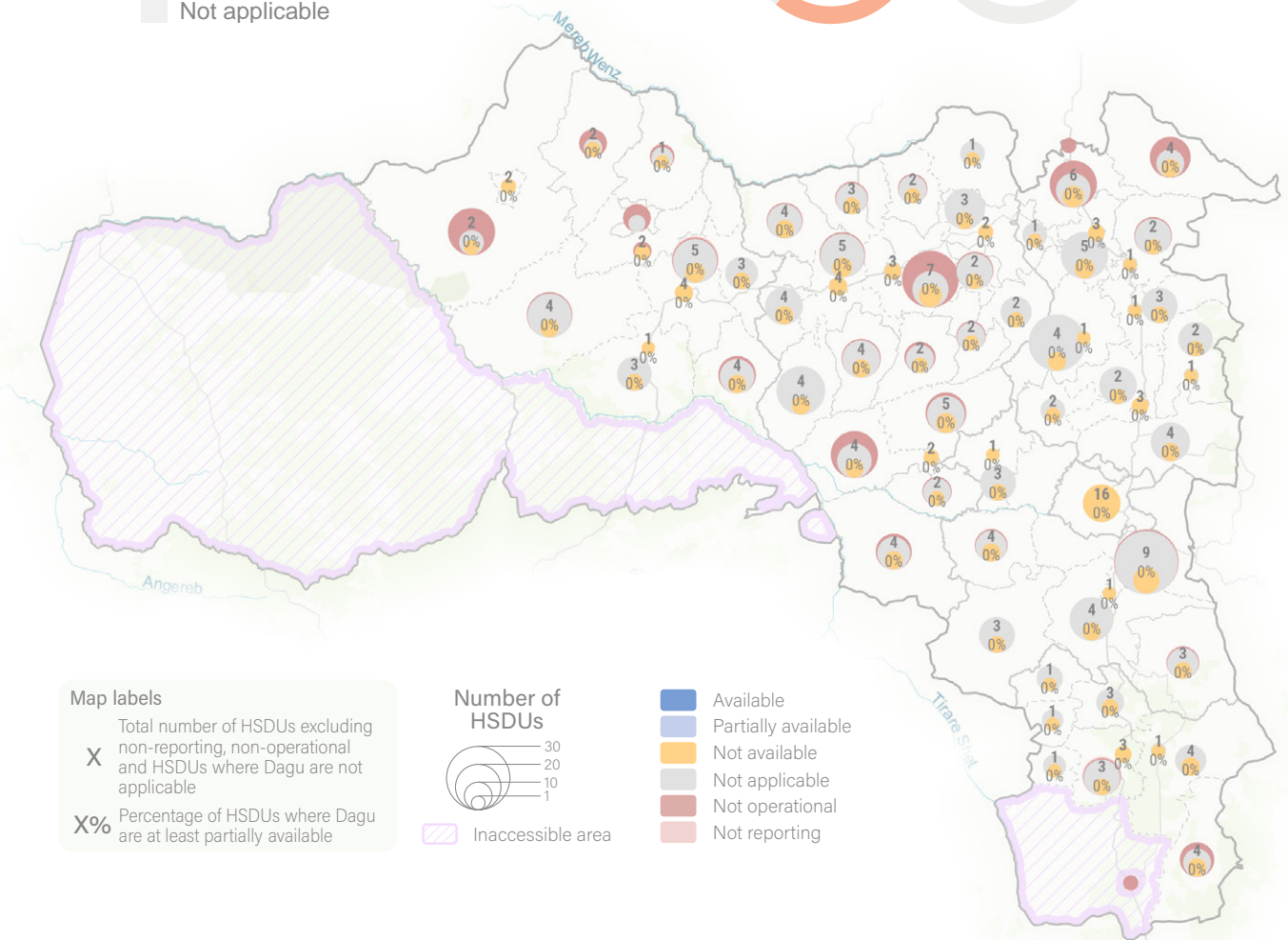
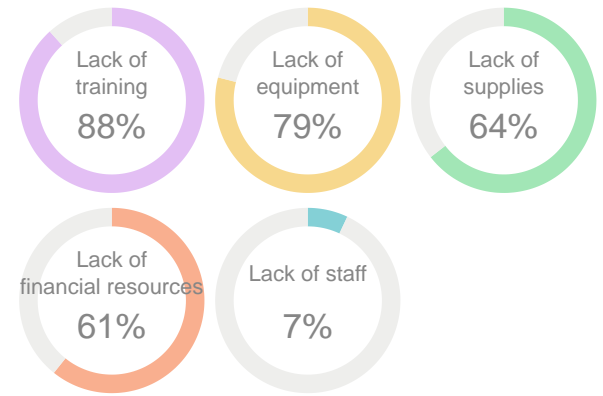


Dagu

Availability of Dagu



Main reasons of unavailability n = 214



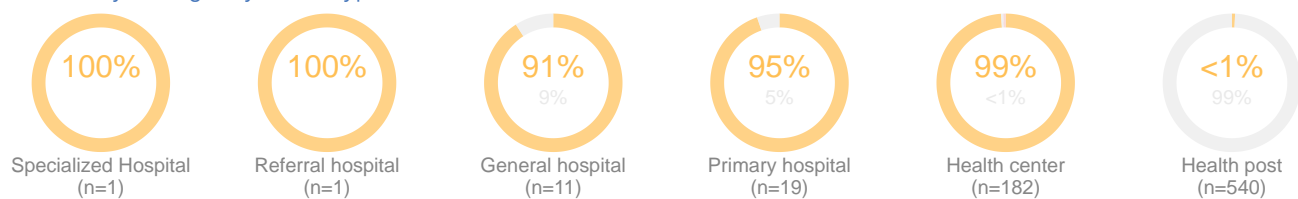
Availability of Dagu by zone†

Central (n=71)	100%	North Western (n=33)	100%
Eastern (n=45)	100%	South Eastern (n=28)	100%
Mekelle (n=16)	100%	Southern (n=21)	100%

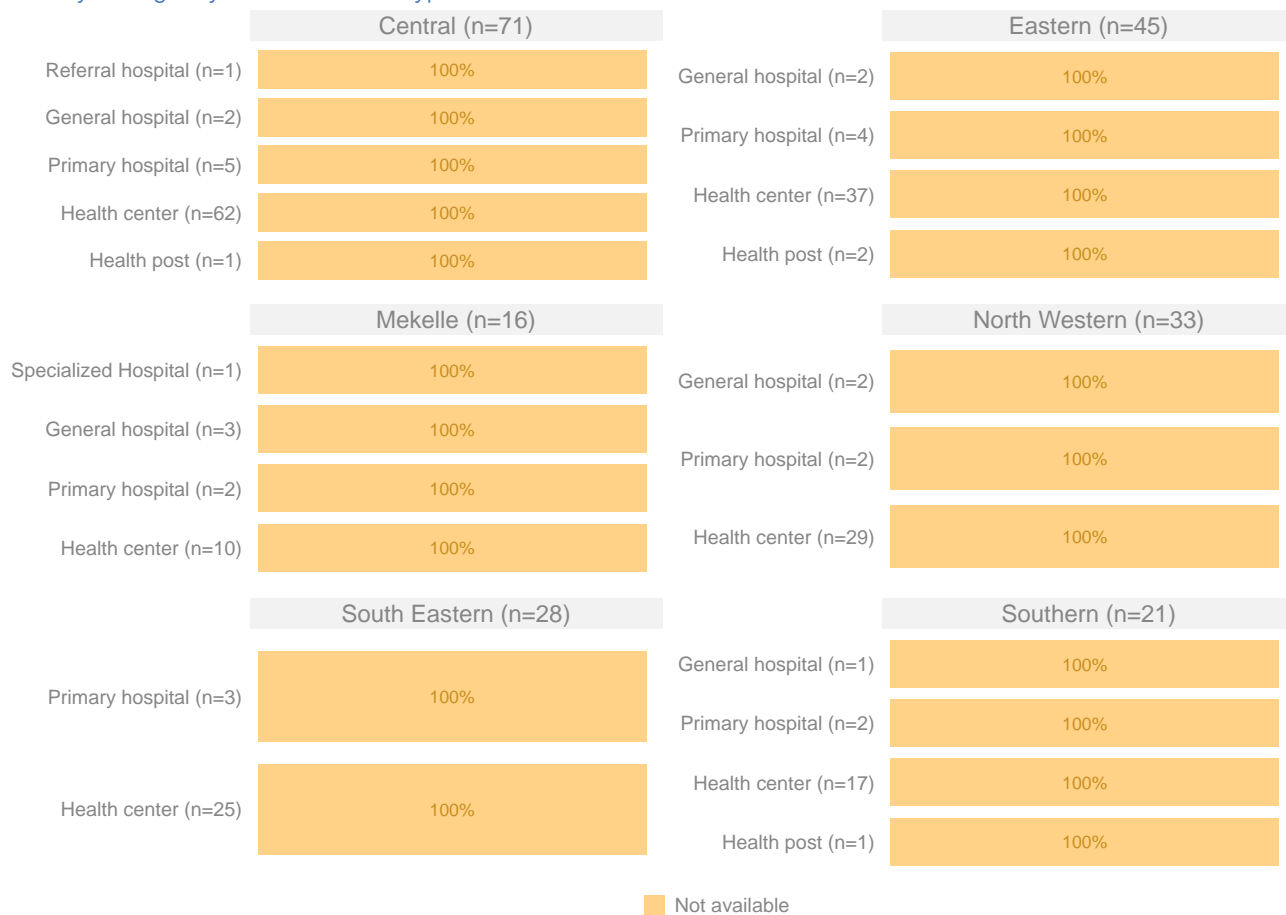
Not available

† Chart excludes HSDUs where Dagu is not applicable.

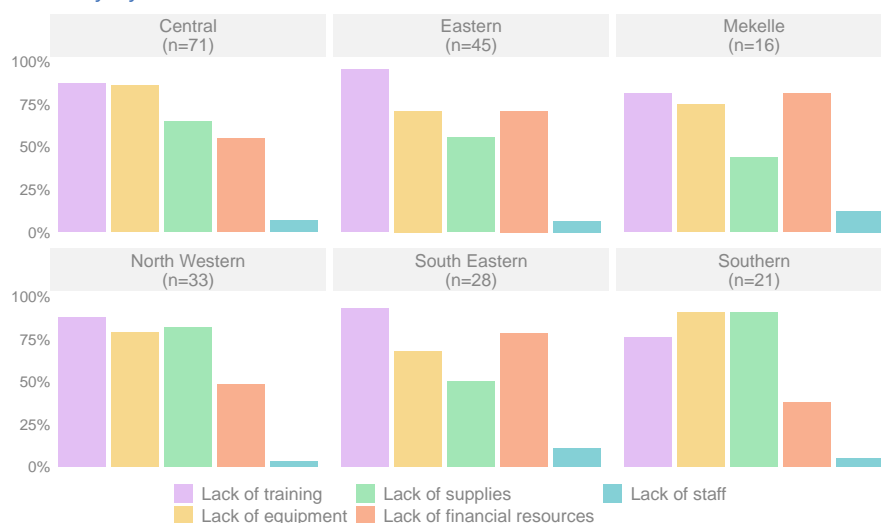
Availability of Dagu by HSDU type



Availability of Dagu by zone and HSDU type†

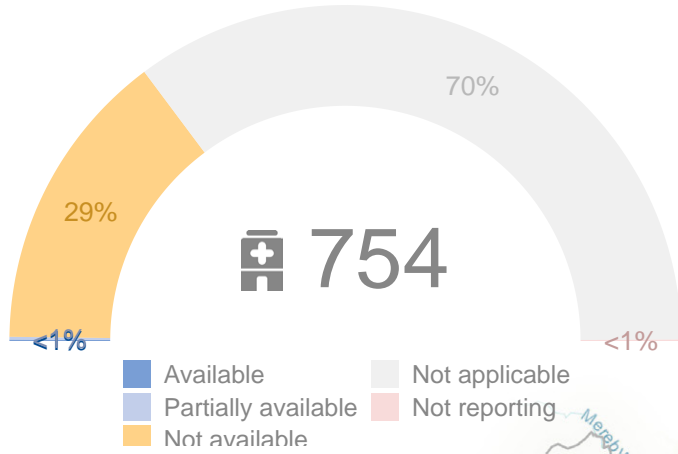


Main reasons of unavailability by zone

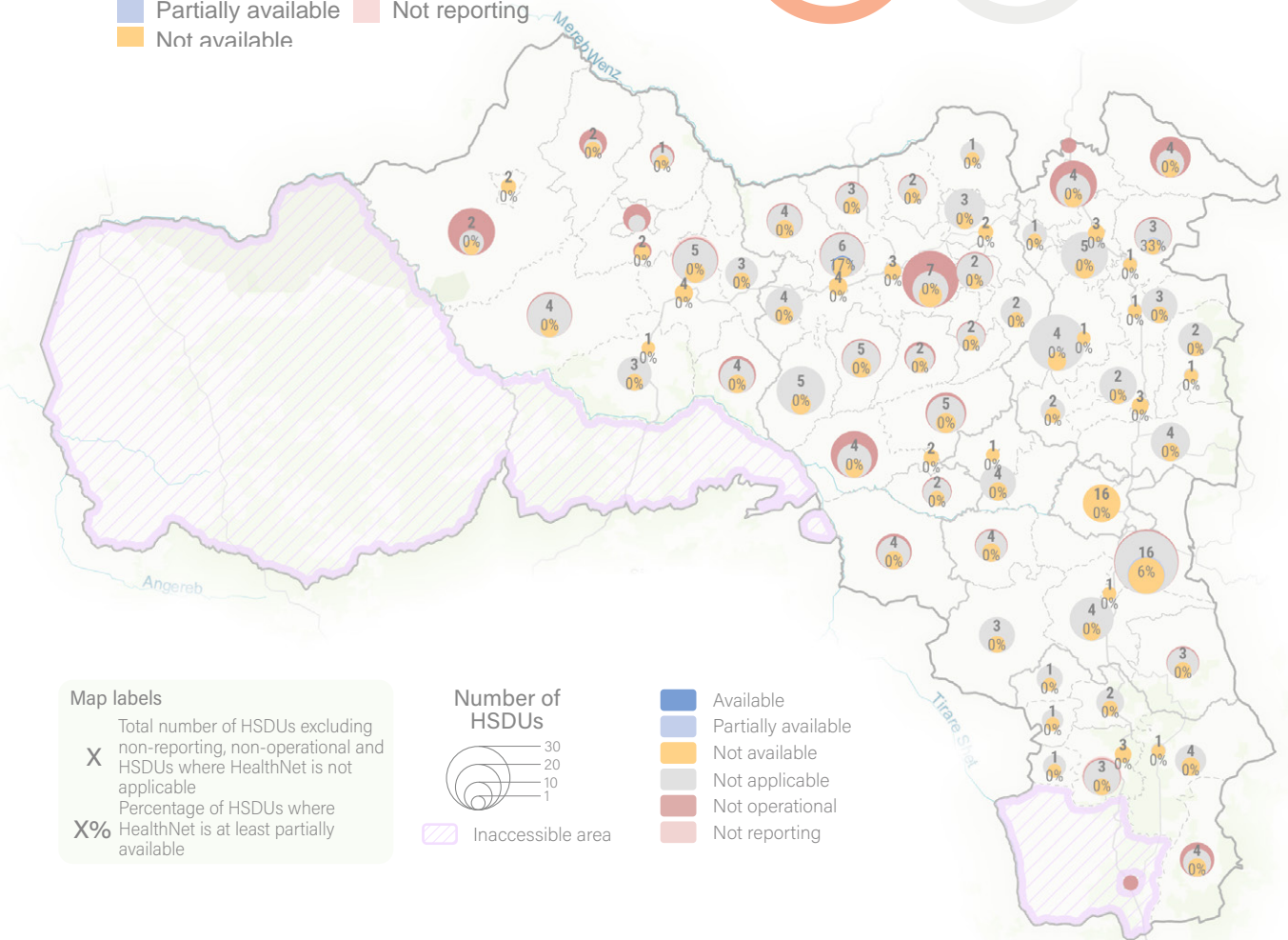
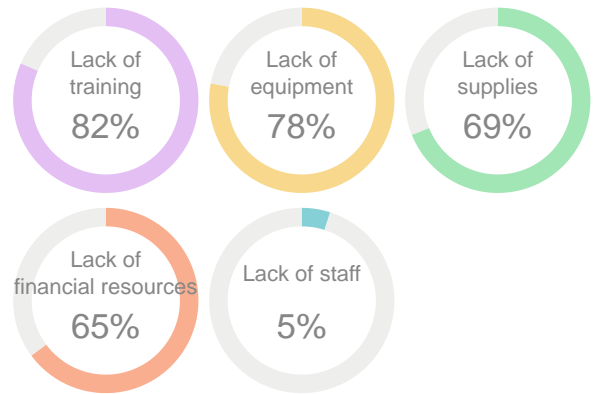


HealthNet

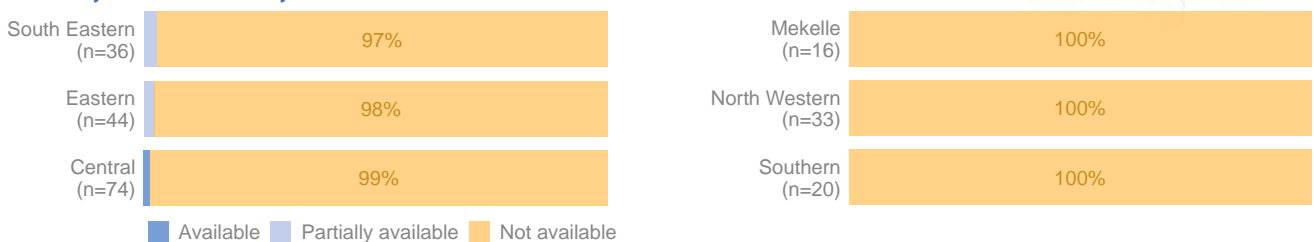
Availability of HealthNet



Main reasons of unavailability n = 222

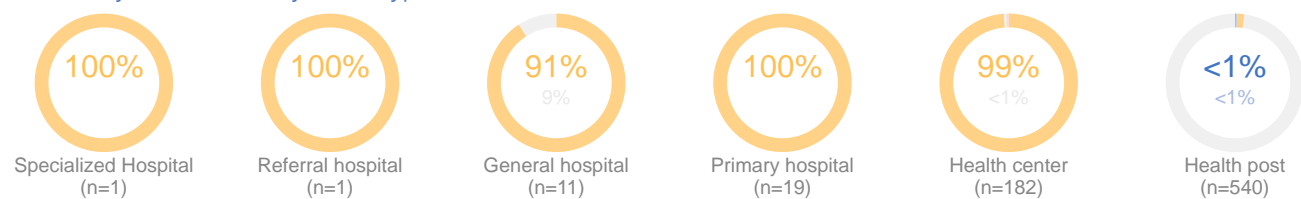


Availability of HealthNet by zone[†]

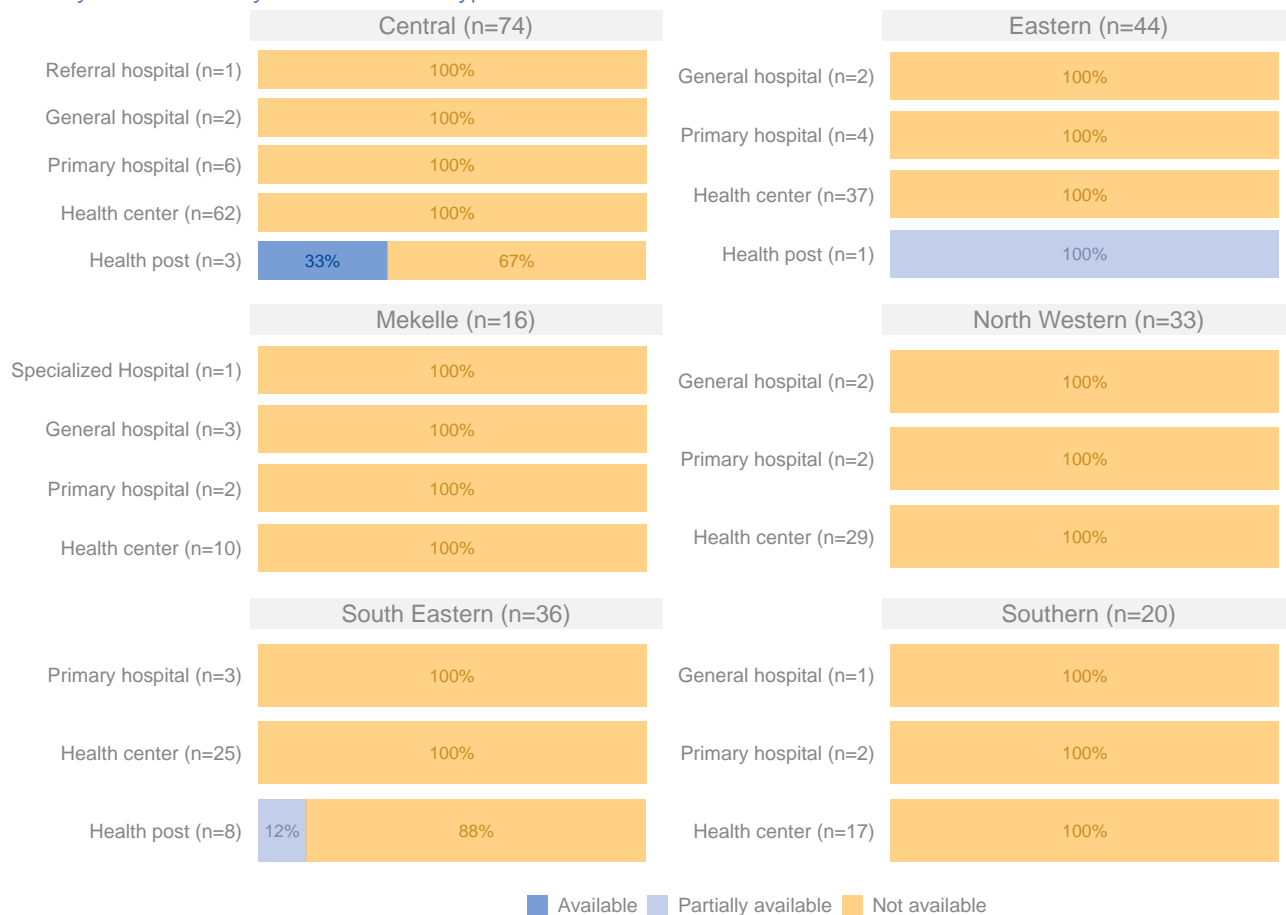


[†] Chart excludes HSDUs where HealthNet is not applicable.

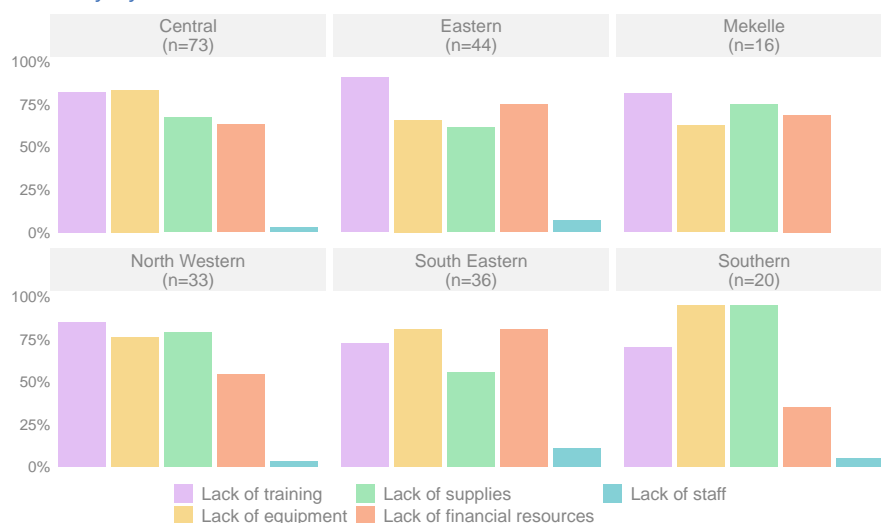
Availability of HealthNet by HSDU type



Availability of HealthNet by zone and HSDU type†



Main reasons of unavailability by zone





ANNEX



ANNEX I: ESTIMATED COST OF RECONSTRUCTION

Building condition

Estimated cost of reconstruction by zone and HSDU type

Woreda	HSDU type	Building condition					Estimated cost of reconstruction					
		Intact	Partially damaged	Fully damaged	Not relevant	Total	>75%	50% - 75%	25% - 50%	<25%	Not damaged ^a	Total
CENTRAL	GENERAL HOSPITAL	0	3	0	0	3	0	1	2	0	0	3
	HEALTH CENTER	0	62	0	0	62	2	31	23	6	0	62
	HEALTH POST	3	188	11	25	227	26	92	76	5	28	227
	PRIMARY HOSPITAL	0	6	0	0	6	0	2	4	0	0	6
	REFERRAL HOSPITAL	0	1	0	0	1	0	0	1	0	0	1
EASTERN	GENERAL HOSPITAL	0	2	0	0	2	0	0	2	0	0	2
	HEALTH CENTER	0	41	1	0	42	7	9	20	6	0	42
	HEALTH POST	1	125	4	21	151	22	28	65	14	22	151
	PRIMARY HOSPITAL	0	4	0	0	4	1	2	1	0	0	4
MEKELLE	GENERAL HOSPITAL	0	3	0	0	3	0	0	1	2	0	3
	HEALTH CENTER	0	10	0	0	10	0	0	8	2	0	10
	PRIMARY HOSPITAL	0	2	0	0	2	0	0	1	1	0	2
	SPECIALIZED HOSPITAL	0	1	0	0	1	0	1	0	0	0	1
NORTH WESTERN	GENERAL HOSPITAL	0	2	0	0	2	1	0	0	1	0	2
	HEALTH CENTER	1	30	1	0	32	3	14	12	2	1	32
	HEALTH POST	3	83	8	15	109	13	51	23	4	18	109
	PRIMARY HOSPITAL	0	2	1	0	3	1	0	1	1	0	3
SOUTH EASTERN	HEALTH CENTER	4	20	0	1	25	0	4	13	3	5	25
	HEALTH POST	1	73	1	8	83	2	12	47	13	9	83
	PRIMARY HOSPITAL	0	3	0	0	3	0	0	3	0	0	3
SOUTHERN	GENERAL HOSPITAL	0	2	0	0	2	0	1	1	0	0	2
	HEALTH CENTER	0	19	0	0	19	1	3	13	2	0	19
	HEALTH POST	0	52	1	6	59	3	14	25	11	6	59
	PRIMARY HOSPITAL	0	2	0	0	2	0	0	0	2	0	2

^a Includes HSDUs where building condition was reported as "not relevant".

Estimated cost of reconstruction by woreda and HSDU type

Central		Building condition					Estimated cost of reconstruction					
Woreda	HSDU type	Intact	Partially damaged	Fully damaged	Not relevant	Total	>75%	50% - 75%	25% - 50%	<25%	Not damaged ^a	Total
ABERGELE	PRIMARY HOSPITAL	0	1	0	0	1	0	0	1	0	0	1
	HEALTH CENTER	0	3	0	0	3	0	2	1	0	0	3
	HEALTH POST	0	10	1	0	11	1	6	4	0	0	11
ABI ADI TOWN	GENERAL HOSPITAL	0	1	0	0	1	0	0	1	0	0	1
	HEALTH CENTER	0	1	0	0	1	0	0	1	0	0	1
ADET	PRIMARY HOSPITAL	0	1	0	0	1	0	1	0	0	0	1
	HEALTH CENTER	0	4	0	0	4	1	2	1	0	0	4
	HEALTH POST	0	15	0	3	18	0	12	3	0	3	18
ADWA	HEALTH CENTER	0	7	0	0	7	1	2	3	1	0	7
	HEALTH POST	0	18	0	3	21	1	13	3	1	3	21
ADWA TOWN	GENERAL HOSPITAL	0	1	0	0	1	0	1	0	0	0	1
	HEALTH CENTER	0	3	0	0	3	0	0	2	1	0	3

Woreda	HSDU type	Building condition					Estimated cost of reconstruction					
		Intact	Partially damaged	Fully damaged	Not relevant	Total	>75%	50% - 75%	25% - 50%	<25%	Not damaged ¹	Total
AHEFEROM	HEALTH CENTER	0	3	0	0	3	0	2	1	0	0	3
	HEALTH POST	0	13	0	2	15	1	7	5	0	2	15
AHSEA	HEALTH POST	1	6	1	1	9	1	0	6	0	2	9
	HEALTH CENTER	0	2	0	0	2	0	0	2	0	0	2
AXUM TOWN	REFERRAL HOSPITAL	0	1	0	0	1	0	0	1	0	0	1
	GENERAL HOSPITAL	0	1	0	0	1	0	0	1	0	0	1
	HEALTH CENTER	0	2	0	0	2	0	2	0	0	0	2
CHILA	HEALTH POST	1	6	1	3	11	1	3	3	0	4	11
	HEALTH CENTER	0	4	0	0	4	0	2	2	0	0	4
EDAGA ARBI (ENDBATSAHMA)	PRIMARY HOSPITAL	0	1	0	0	1	0	0	1	0	0	1
	HEALTH CENTER	0	1	0	0	1	0	1	0	0	0	1
	HEALTH POST	0	7	1	1	9	1	7	0	0	1	9
EGELA	HEALTH CENTER	0	1	0	0	1	0	0	1	0	0	1
	HEALTH POST	0	5	0	2	7	0	0	5	0	2	7
EMBA SIENETI	HEALTH POST	1	7	0	2	10	0	3	4	0	3	10
	HEALTH CENTER	0	2	0	0	2	0	1	1	0	0	2
ENDAFELASI (MAIKINETAL)	HEALTH CENTER	0	2	0	0	2	0	2	0	0	0	2
	HEALTH POST	0	8	2	0	10	2	8	0	0	0	10
ENTICHO TOWN	PRIMARY HOSPITAL	0	1	0	0	1	0	0	1	0	0	1
	HEALTH CENTER	0	1	0	0	1	0	0	0	1	0	1
HAHAYLE	HEALTH CENTER	0	2	0	0	2	0	0	2	0	0	2
	HEALTH POST	0	10	1	3	14	4	2	5	0	3	14
KEYHE TEKLI	HEALTH CENTER	0	4	0	0	4	0	2	2	0	0	4
	HEALTH POST	0	12	2	0	14	3	3	8	0	0	14
KOLA TEMBEN	HEALTH CENTER	0	4	0	0	4	0	4	0	0	0	4
	HEALTH POST	0	16	1	1	18	5	8	3	1	1	18
LAELAY MAYCHEW	HEALTH CENTER	0	5	0	0	5	0	2	2	1	0	5
	HEALTH POST	0	16	0	0	16	0	3	11	2	0	16
NAEDER	HEALTH CENTER	0	4	0	0	4	0	3	1	0	0	4
	HEALTH POST	0	12	1	0	13	2	7	4	0	0	13
RAMA	PRIMARY HOSPITAL	0	1	0	0	1	0	0	1	0	0	1
	HEALTH CENTER	0	2	0	0	2	0	0	0	2	0	2
	HEALTH POST	0	8	0	2	10	0	0	7	1	2	10
TAHTAY MAYCHEW	PRIMARY HOSPITAL	0	1	0	0	1	0	1	0	0	0	1
	HEALTH CENTER	0	3	0	0	3	0	2	1	0	0	3
	HEALTH POST	0	10	0	2	12	0	6	4	0	2	12
TANQUA MELASHE	HEALTH CENTER	0	2	0	0	2	0	2	0	0	0	2
	HEALTH POST	0	9	0	0	9	4	4	1	0	0	9

¹ Includes HSDUs where building condition was reported as "not relevant".

Eastern Woreda	HSDU type	Building condition					Estimated cost of reconstruction					
		Intact	Partially damaged	Fully damaged	Not relevant	Total	>75%	50% - 75%	25% - 50%	<25%	Not damaged ¹	Total
ADIGRAT TOWN	GENERAL HOSPITAL	0	1	0	0	1	0	0	1	0	0	1
	HEALTH CENTER	0	2	0	0	2	0	0	1	1	0	2
AGULAE (TSIRAE WENBERTA)	HEALTH CENTER	0	4	0	0	4	0	1	3	0	0	4
	HEALTH POST	0	13	0	0	13	4	2	6	1	0	13
ATSBI	HEALTH CENTER	0	2	0	0	2	0	0	1	1	0	2
	HEALTH POST	0	11	0	1	12	0	0	9	2	1	12
ATSBI TOWN	HEALTH CENTER	0	1	0	0	1	0	0	1	0	0	1
	HEALTH POST	0	1	0	0	1	0	1	0	0	0	1
BIZET	HEALTH CENTER	0	1	0	0	1	0	0	0	1	0	1
	HEALTH POST	0	7	0	0	7	0	0	6	1	0	7
EDAGA HAMUS	HEALTH CENTER	0	1	0	0	1	0	1	0	0	0	1
	HEALTH POST	0	0	0	1	1	0	0	0	0	1	1
EROB	PRIMARY HOSPITAL	0	1	0	0	1	0	1	0	0	0	1
	HEALTH CENTER	0	5	0	0	5	2	2	1	0	0	5
	HEALTH POST	0	8	1	3	12	4	3	2	0	3	12
FREWEYNI TOWN	PRIMARY HOSPITAL	0	1	0	0	1	0	0	1	0	0	1
	HEALTH POST	0	0	0	1	1	0	0	0	0	1	1
GANTA AFESHUM	HEALTH CENTER	0	5	0	0	5	0	0	5	0	0	5
	HEALTH POST	0	14	0	3	17	0	1	10	3	3	17
GERALETA	HEALTH CENTER	0	2	0	0	2	0	0	2	0	0	2
	HEALTH POST	0	4	0	2	6	0	0	4	0	2	6
GULO MEKEDA	HEALTH POST	1	11	1	4	17	1	8	3	0	5	17
	PRIMARY HOSPITAL	0	1	0	0	1	1	0	0	0	0	1
	HEALTH CENTER	0	4	0	0	4	0	3	0	1	0	4
HAWZEN	HEALTH CENTER	0	4	0	0	4	2	0	1	1	0	4
	HEALTH POST	0	20	0	4	24	3	8	8	1	4	24
HAWZEN TOWN	PRIMARY HOSPITAL	0	1	0	0	1	0	1	0	0	0	1
KELETE AWELALLO	HEALTH CENTER	0	2	0	0	2	0	0	2	0	0	2
	HEALTH POST	0	12	0	2	14	0	3	9	0	2	14
SAESIE	HEALTH CENTER	0	3	0	0	3	2	0	0	1	0	3
	HEALTH POST	0	12	1	0	13	7	0	0	6	0	13
TSAEDA EMBA	HEALTH CENTER	0	3	0	0	3	0	1	2	0	0	3
	HEALTH POST	0	12	0	0	12	2	2	8	0	0	12
WUKRO TOWN	GENERAL HOSPITAL	0	1	0	0	1	0	0	1	0	0	1
	HEALTH CENTER	0	2	0	0	2	0	1	1	0	0	2
ZALA ANBESA TOWN	HEALTH CENTER	0	0	1	0	1	1	0	0	0	0	1
	HEALTH POST	0	0	1	0	1	1	0	0	0	0	1

¹ Includes HSDUs where building condition was reported as "not relevant".

Mekelle		Building condition					Estimated cost of reconstruction					
Woreda	HSDU type	Intact	Partially damaged	Fully damaged	Not relevant	Total	>75%	50% - 75%	25% - 50%	<25%	Not damaged ¹	Total
ADIHAKI	PRIMARY HOSPITAL	0	1	0	0	1	0	0	1	0	0	1
	HEALTH CENTER	0	1	0	0	1	0	0	1	0	0	1
AYDER	SPECIALIZED HOSPITAL	0	1	0	0	1	0	1	0	0	0	1
	HEALTH CENTER	0	2	0	0	2	0	0	1	1	0	2
HADNET	HEALTH CENTER	0	3	0	0	3	0	0	3	0	0	3
	HEALTH CENTER	0	2	0	0	2	0	0	2	0	0	2
KEDAMAY WEY-ANE	HEALTH CENTER	0	1	0	0	1	0	0	1	0	0	1
QUIHA	GENERAL HOSPITAL	0	2	0	0	2	0	0	1	1	0	2
	PRIMARY HOSPITAL	0	1	0	0	1	0	0	0	1	0	1
SEMEN	GENERAL HOSPITAL	0	1	0	0	1	0	0	0	1	0	1
	HEALTH CENTER	0	1	0	0	1	0	0	0	1	0	1

¹ Includes HSDUs where building condition was reported as "not relevant".

North Western		Building condition					Estimated cost of reconstruction					
Woreda	HSDU type	Intact	Partially damaged	Fully damaged	Not relevant	Total	>75%	50% - 75%	25% - 50%	<25%	Not damaged ¹	Total
ADI DAERO (LAELAY ADIYABO)	HEALTH POST	0	8	0	2	10	0	5	3	0	2	10
ADI HAGERAY (MAEKEL ADIYABO)	HEALTH CENTER	0	2	0	0	2	0	1	1	0	0	2
	HEALTH POST	0	5	1	2	8	1	1	4	0	2	8
ASGEDE	HEALTH CENTER	0	4	0	0	4	0	2	2	0	0	4
	HEALTH POST	0	13	0	4	17	0	9	2	2	4	17
ENDABAGUNA TOWN	PRIMARY HOSPITAL	0	1	0	0	1	0	0	0	1	0	1
INDASILASSIE TOWN (SHIRE TOWN)	HEALTH CENTER	1	2	0	0	3	0	0	1	1	1	3
	GENERAL HOSPITAL	0	1	0	0	1	0	0	0	1	0	1
LAELAY ADIABO	HEALTH CENTER	0	2	0	0	2	0	0	2	0	0	2
	HEALTH POST	0	1	0	0	1	0	1	0	0	0	1
	PRIMARY HOSPITAL	0	0	1	0	1	1	0	0	0	0	1
SELEKLEKA (LAELAY KORARO)	PRIMARY HOSPITAL	0	1	0	0	1	0	0	1	0	0	1
	HEALTH CENTER	0	2	0	0	2	0	1	1	0	0	2
	HEALTH POST	0	10	0	0	10	0	7	3	0	0	10
SEYEMTI ADYABO	HEALTH CENTER	0	1	0	0	1	1	0	0	0	0	1
	HEALTH POST	0	5	1	1	7	6	0	0	0	1	7
SHERARO TOWN	GENERAL HOSPITAL	0	1	0	0	1	1	0	0	0	0	1
	HEALTH CENTER	0	1	0	0	1	0	0	0	1	0	1
TAHTAY ADIYABO	HEALTH CENTER	0	4	1	0	5	1	4	0	0	0	5
	HEALTH POST	0	10	5	2	17	5	9	1	0	2	17
TAHTAY KORARO	HEALTH CENTER	0	5	0	0	5	0	3	2	0	0	5
	HEALTH POST	0	15	0	1	16	0	8	7	0	1	16
TSIMBLA	HEALTH POST	3	5	0	3	11	0	0	3	2	6	11
	HEALTH CENTER	0	3	0	0	3	0	1	2	0	0	3
ZANA	HEALTH CENTER	0	4	0	0	4	1	2	1	0	0	4
	HEALTH POST	0	11	1	0	12	1	11	0	0	0	12

¹ Includes HSDUs where building condition was reported as "not relevant".

Woreda	HSDU type	Building condition					Estimated cost of reconstruction					
		Intact	Partially damaged	Fully damaged	Not relevant	Total	>75%	50% - 75%	25% - 50%	<25%	Not damaged ¹	Total
ADIGUDOM	PRIMARY HOSPITAL	0	1	0	0	1	0	0	1	0	0	1
DEGUA TEMBEN	HEALTH CENTER	0	3	0	0	3	0	1	2	0	0	3
	HEALTH POST	0	10	0	2	12	0	0	10	0	2	12
ENDERTA	HEALTH POST	1	22	0	1	24	1	0	15	6	2	24
	HEALTH CENTER	0	8	0	1	9	0	0	6	2	1	9
HAGERE SELAM TOWN	PRIMARY HOSPITAL	0	1	0	0	1	0	0	1	0	0	1
HINTALO	HEALTH CENTER	0	4	0	0	4	0	2	1	1	0	4
	HEALTH POST	0	15	0	1	16	0	9	5	1	1	16
SAHARTI	HEALTH CENTER	0	4	0	0	4	0	0	4	0	0	4
	HEALTH POST	0	7	1	1	9	1	2	5	0	1	9
SAMRE	HEALTH CENTER	1	1	0	0	2	0	1	0	0	1	2
	PRIMARY HOSPITAL	0	1	0	0	1	0	0	1	0	0	1
	HEALTH POST	0	11	0	1	12	0	1	9	1	1	12
WAJIRAT	HEALTH CENTER	3	0	0	0	3	0	0	0	0	3	3
	HEALTH POST	0	8	0	2	10	0	0	3	5	2	10

¹ Includes HSDUs where building condition was reported as "not relevant".

Woreda	HSDU type	Building condition					Estimated cost of reconstruction					
		Intact	Partially damaged	Fully damaged	Not relevant	Total	>75%	50% - 75%	25% - 50%	<25%	Not damaged ¹	Total
ALAMATA TOWN	GENERAL HOSPITAL	0	1	0	0	1	0	1	0	0	0	1
	HEALTH CENTER	0	1	0	0	1	0	1	0	0	0	1
BORA	HEALTH CENTER	0	1	0	0	1	1	0	0	0	0	1
	HEALTH POST	0	5	0	0	5	1	3	1	0	0	5
CHERCHER	HEALTH CENTER	0	4	0	0	4	0	0	4	0	0	4
	HEALTH POST	0	8	1	1	10	1	1	7	0	1	10
EMBA ALAJE	PRIMARY HOSPITAL	0	1	0	0	1	0	0	0	1	0	1
	HEALTH CENTER	0	1	0	0	1	0	0	1	0	0	1
	HEALTH POST	0	7	0	1	8	0	0	0	7	1	8
ENDAMEHONI	HEALTH CENTER	0	4	0	0	4	0	1	3	0	0	4
	HEALTH POST	0	11	0	2	13	0	4	6	1	2	13
MAICHEW TOWN	GENERAL HOSPITAL	0	1	0	0	1	0	0	1	0	0	1
	HEALTH CENTER	0	2	0	0	2	0	0	2	0	0	2
	PRIMARY HOSPITAL	0	1	0	0	1	0	0	0	1	0	1
	HEALTH POST	0	1	0	0	1	0	0	1	0	0	1
NEQSEGE	HEALTH CENTER	0	1	0	0	1	0	1	0	0	0	1
	HEALTH POST	0	6	0	0	6	1	2	2	1	0	6
RAYA AZEBO	HEALTH CENTER	0	4	0	0	4	0	0	2	2	0	4
	HEALTH POST	0	6	0	2	8	0	0	4	2	2	8
SELEWA	HEALTH CENTER	0	1	0	0	1	0	0	1	0	0	1
	HEALTH POST	0	8	0	0	8	0	4	4	0	0	8

¹ Includes HSDUs where building condition was reported as "not relevant".

Equipment condition

Estimated cost of reconstruction by zone and HSDU type

Woreda	HSDU type	Equipment condition				Estimated cost of reconstruction					
		Intact	Partially damaged	Fully damaged	Total	>75%	50% - 75%	25% - 50%	<25%	Not damaged ^a	Total
CENTRAL	GENERAL HOSPITAL	0	2	1	3	0	1	2	0	0	3
	HEALTH CENTER	0	46	16	62	32	18	12	0	0	62
	HEALTH POST	0	134	93	227	145	57	25	0	0	227
	PRIMARY HOSPITAL	0	5	1	6	4	2	0	0	0	6
	REFERRAL HOSPITAL	0	1	0	1	0	0	1	0	0	1
EASTERN	GENERAL HOSPITAL	0	2	0	2	0	0	2	0	0	2
	HEALTH CENTER	0	39	3	42	11	13	17	1	0	42
	HEALTH POST	0	125	26	151	56	37	41	17	0	151
	PRIMARY HOSPITAL	0	3	1	4	2	1	1	0	0	4
MEKELLE	GENERAL HOSPITAL	0	3	0	3	0	0	2	1	0	3
	HEALTH CENTER	0	10	0	10	0	0	10	0	0	10
	PRIMARY HOSPITAL	0	2	0	2	0	0	2	0	0	2
	SPECIALIZED HOSPITAL	0	1	0	1	1	0	0	0	0	1
NORTH WESTERN	GENERAL HOSPITAL	0	1	1	2	2	0	0	0	0	2
	HEALTH CENTER	0	19	13	32	24	4	2	2	0	32
	HEALTH POST	1	59	49	109	82	14	11	1	1	109
	PRIMARY HOSPITAL	0	2	1	3	1	0	1	1	0	3
SOUTH EASTERN	HEALTH CENTER	3	21	1	25	6	7	8	1	3	25
	HEALTH POST	5	65	13	83	22	17	34	5	5	83
	PRIMARY HOSPITAL	0	3	0	3	0	2	1	0	0	3
SOUTHERN	GENERAL HOSPITAL	0	1	1	2	1	0	1	0	0	2
	HEALTH CENTER	0	16	3	19	3	7	9	0	0	19
	HEALTH POST	0	50	9	59	12	16	23	8	0	59
	PRIMARY HOSPITAL	0	2	0	2	0	0	0	2	0	2

^a Includes HSDUs where equipment condition was reported as "not relevant".

Estimated cost of reconstruction by woreda and HSDU type

Central		Equipment condition				Estimated cost of reconstruction					
Woreda	HSDU type	Intact	Partially damaged	Fully damaged	Total	>75%	50% - 75%	25% - 50%	<25%	Not damaged ¹	Total
ABERGELE	PRIMARY HOSPITAL	0	1	0	1	1	0	0	0	0	1
	HEALTH CENTER	0	2	1	3	1	2	0	0	0	3
	HEALTH POST	0	5	6	11	7	3	1	0	0	11
ABI ADI TOWN	GENERAL HOSPITAL	0	1	0	1	0	0	1	0	0	1
	HEALTH CENTER	0	1	0	1	0	0	1	0	0	1
ADET	PRIMARY HOSPITAL	0	1	0	1	0	1	0	0	0	1
	HEALTH CENTER	0	3	1	4	1	3	0	0	0	4
	HEALTH POST	0	11	7	18	6	8	4	0	0	18
ADWA	HEALTH CENTER	0	4	3	7	3	2	2	0	0	7
	HEALTH POST	0	8	13	21	14	4	3	0	0	21
ADWA TOWN	HEALTH CENTER	0	3	0	3	0	0	3	0	0	3
	GENERAL HOSPITAL	0	0	1	1	0	1	0	0	0	1

Woreda	HSDU type	Equipment condition				Estimated cost of reconstruction					
		Intact	Partially damaged	Fully damaged	Total	>75%	50% - 75%	25% - 50%	<25%	Not damaged ¹	Total
AHEFEROM	HEALTH CENTER	0	3	0	3	1	1	1	0	0	3
	HEALTH POST	0	15	0	15	7	5	3	0	0	15
AHSEA	HEALTH CENTER	0	2	0	2	1	0	1	0	0	2
	HEALTH POST	0	6	3	9	7	0	2	0	0	9
AXUM TOWN	REFERRAL HOSPITAL	0	1	0	1	0	0	1	0	0	1
	GENERAL HOSPITAL	0	1	0	1	0	0	1	0	0	1
	HEALTH CENTER	0	2	0	2	0	2	0	0	0	2
CHILA	HEALTH CENTER	0	4	0	4	2	2	0	0	0	4
	HEALTH POST	0	10	1	11	4	6	1	0	0	11
EDAGA ARBI (ENDBATSAHMA)	PRIMARY HOSPITAL	0	1	0	1	1	0	0	0	0	1
	HEALTH CENTER	0	1	0	1	1	0	0	0	0	1
	HEALTH POST	0	8	1	9	9	0	0	0	0	9
EGELA	HEALTH CENTER	0	1	0	1	1	0	0	0	0	1
	HEALTH POST	0	7	0	7	7	0	0	0	0	7
EMBA SIENETI	HEALTH CENTER	0	0	2	2	2	0	0	0	0	2
	HEALTH POST	0	0	10	10	10	0	0	0	0	10
ENDAFELASI (MAIKINETAL)	HEALTH CENTER	0	2	0	2	0	2	0	0	0	2
	HEALTH POST	0	8	2	10	2	8	0	0	0	10
ENTICHO TOWN	PRIMARY HOSPITAL	0	1	0	1	0	1	0	0	0	1
	HEALTH CENTER	0	1	0	1	0	1	0	0	0	1
HAHAYLE	HEALTH CENTER	0	1	1	2	1	0	1	0	0	2
	HEALTH POST	0	8	6	14	10	1	3	0	0	14
KEYHE TEKLI	HEALTH CENTER	0	3	1	4	4	0	0	0	0	4
	HEALTH POST	0	10	4	14	11	2	1	0	0	14
KOLA TEMBEN	HEALTH CENTER	0	2	2	4	3	1	0	0	0	4
	HEALTH POST	0	5	13	18	14	3	1	0	0	18
LAELAY MAYCHEW	HEALTH CENTER	0	2	3	5	4	0	1	0	0	5
	HEALTH POST	0	5	11	16	11	2	3	0	0	16
NAEDER	HEALTH CENTER	0	3	1	4	4	0	0	0	0	4
	HEALTH POST	0	7	6	13	13	0	0	0	0	13
RAMA	HEALTH CENTER	0	1	1	2	1	0	1	0	0	2
	HEALTH POST	0	1	9	10	4	5	1	0	0	10
	PRIMARY HOSPITAL	0	0	1	1	1	0	0	0	0	1
TAHTAY MAYCHEW	PRIMARY HOSPITAL	0	1	0	1	1	0	0	0	0	1
	HEALTH CENTER	0	3	0	3	0	2	1	0	0	3
	HEALTH POST	0	12	0	12	0	10	2	0	0	12
TANQUA MELASHE	HEALTH CENTER	0	2	0	2	2	0	0	0	0	2
	HEALTH POST	0	8	1	9	9	0	0	0	0	9

¹ Includes HSDUs where equipment condition was reported as "not relevant".

Eastern Woreda	HSDU type	Equipment condition					Estimated cost of reconstruction					
		Intact	Partially damaged	Fully damaged	Not relevant	Total	>75%	50% - 75%	25% - 50%	<25%	Not damaged ¹	Total
ADIGRAT TOWN	GENERAL HOSPITAL	0	1	0	1	0	0	1	0	0	1	1
	HEALTH CENTER	0	2	0	2	0	0	2	0	0	2	2
AGULAE (TSIRAE WENBERTA)	HEALTH CENTER	0	4	0	4	0	2	2	0	0	4	4
	HEALTH POST	0	12	1	13	5	1	6	1	0	13	13
ATSBI	HEALTH CENTER	0	2	0	2	0	0	2	0	0	2	2
	HEALTH POST	0	12	0	12	0	0	10	2	0	12	12
ATSBI TOWN	HEALTH CENTER	0	1	0	1	0	0	1	0	0	1	1
	HEALTH POST	0	1	0	1	0	1	0	0	0	1	1
BIZET	HEALTH CENTER	0	1	0	1	1	0	0	0	0	1	1
	HEALTH POST	0	7	0	7	7	0	0	0	0	7	7
EDAGA HAMUS	HEALTH CENTER	0	1	0	1	0	0	1	0	0	1	1
	HEALTH POST	0	1	0	1	0	1	0	0	0	1	1
EROB	HEALTH CENTER	0	4	1	5	3	1	1	0	0	5	1
	HEALTH POST	0	5	7	12	9	2	1	0	0	12	5
	PRIMARY HOSPITAL	0	0	1	1	1	0	0	0	0	1	12
FREWEYNI TOWN	PRIMARY HOSPITAL	0	1	0	1	0	0	1	0	0	1	1
	HEALTH POST	0	1	0	1	0	0	1	0	0	1	1
GANTA AFESHUM	HEALTH CENTER	0	5	0	5	1	1	3	0	0	5	5
	HEALTH POST	0	10	7	17	7	3	2	5	0	17	17
GERALETA	HEALTH CENTER	0	2	0	2	0	1	1	0	0	2	2
	HEALTH POST	0	6	0	6	0	1	4	1	0	6	6
GULO MEKEDA	PRIMARY HOSPITAL	0	1	0	1	1	0	0	0	0	1	17
	HEALTH CENTER	0	3	1	4	1	2	1	0	0	4	1
	HEALTH POST	0	14	3	17	7	8	1	1	0	17	4
HAWZEN	HEALTH CENTER	0	4	0	4	2	0	2	0	0	4	4
	HEALTH POST	0	24	0	24	6	5	12	1	0	24	24
HAWZEN TOWN	PRIMARY HOSPITAL	0	1	0	1	0	1	0	0	0	1	1
KELETE AWELALLO	HEALTH CENTER	0	2	0	2	0	2	0	0	0	2	2
	HEALTH POST	0	13	1	14	0	12	2	0	0	14	14
SAESIE	HEALTH CENTER	0	3	0	3	2	0	0	1	0	3	3
	HEALTH POST	0	12	1	13	7	0	0	6	0	13	13
TSAEDA EMBA	HEALTH CENTER	0	3	0	3	0	3	0	0	0	3	3
	HEALTH POST	0	7	5	12	7	3	2	0	0	12	12
WUKRO TOWN	GENERAL HOSPITAL	0	1	0	1	0	0	1	0	0	1	1
	HEALTH CENTER	0	2	0	2	0	1	1	0	0	2	2
ZALA ANBESA TOWN	HEALTH CENTER	0	0	1	1	1	0	0	0	0	1	1
	HEALTH POST	0	0	1	1	1	0	0	0	0	1	1

¹ Includes HSDUs where equipment condition was reported as "not relevant".

Woreda	HSDU type	Equipment condition				Estimated cost of reconstruction					
		Intact	Partially damaged	Fully damaged	Total	>75%	50% - 75%	25% - 50%	<25%	Not damaged ¹	Total
ADIHAKI	PRIMARY HOSPITAL	0	1	0	1	0	0	1	0	0	1
	HEALTH CENTER	0	1	0	1	0	0	1	0	0	1
AYDER	SPECIALIZED HOSPITAL	0	1	0	1	1	0	0	0	0	1
	HEALTH CENTER	0	2	0	2	0	0	2	0	0	2
HADNET	HEALTH CENTER	0	3	0	3	0	0	3	0	0	3
	HEALTH CENTER	0	2	0	2	0	0	2	0	0	2
KEDAMAY WY-ANE	HEALTH CENTER	0	1	0	1	0	0	1	0	0	1
QUIHA	GENERAL HOSPITAL	0	2	0	2	0	0	1	1	0	2
	PRIMARY HOSPITAL	0	1	0	1	0	0	1	0	0	1
SEMEN	GENERAL HOSPITAL	0	1	0	1	0	0	1	0	0	1
	HEALTH CENTER	0	1	0	1	0	0	1	0	0	1

¹ Includes HSDUs where equipment condition was reported as "not relevant".

Woreda	HSDU type	Equipment condition				Estimated cost of reconstruction					
		Intact	Partially damaged	Fully damaged	Total	>75%	50% - 75%	25% - 50%	<25%	Not damaged ¹	Total
ADI DAERO (LAELAY ADIYABO)	HEALTH POST	0	0	10	10	10	0	0	0	0	10
ADI HAGERAY (MAEKEL ADIYABO)	HEALTH POST	0	5	3	8	8	0	0	0	0	8
	HEALTH CENTER	0	0	2	2	2	0	0	0	0	2
ASGEDE	HEALTH CENTER	0	1	3	4	3	1	0	0	0	4
	HEALTH POST	0	4	13	17	15	2	0	0	0	17
ENDABAGUNA TOWN	PRIMARY HOSPITAL	0	1	0	1	0	0	0	1	0	1
INDASILASSIE TOWN (SHIRE TOWN)	GENERAL HOSPITAL	0	1	0	1	1	0	0	0	0	1
	HEALTH CENTER	0	2	1	3	0	0	2	1	0	3
LAELAY ADIABO	PRIMARY HOSPITAL	0	0	1	1	1	0	0	0	0	1
	HEALTH CENTER	0	0	2	2	2	0	0	0	0	2
	HEALTH POST	0	0	1	1	1	0	0	0	0	1
SELEKLEKA (LAELAY KORARO)	PRIMARY HOSPITAL	0	1	0	1	0	0	1	0	0	1
	HEALTH CENTER	0	2	0	2	2	0	0	0	0	2
	HEALTH POST	0	10	0	10	10	0	0	0	0	10
SEYEMTI ADYABO	HEALTH CENTER	0	1	0	1	1	0	0	0	0	1
	HEALTH POST	0	3	4	7	7	0	0	0	0	7
SHERARO TOWN	HEALTH CENTER	0	1	0	1	0	0	0	1	0	1
	GENERAL HOSPITAL	0	0	1	1	1	0	0	0	0	1
TAHTAY ADIYABO	HEALTH CENTER	0	2	3	5	5	0	0	0	0	5
	HEALTH POST	0	3	14	17	14	3	0	0	0	17
TAHTAY KORARO	HEALTH CENTER	0	3	2	5	3	2	0	0	0	5
	HEALTH POST	0	14	2	16	6	4	6	0	0	16
TSIMBLA	HEALTH POST	1	10	0	11	3	1	5	1	1	11
	HEALTH CENTER	0	3	0	3	3	0	0	0	0	3
ZANA	HEALTH CENTER	0	4	0	4	3	1	0	0	0	4
	HEALTH POST	0	10	2	12	8	4	0	0	0	12

¹ Includes HSDUs where equipment condition was reported as "not relevant".

South Eastern Woreda	HSDU type	Equipment condition				Estimated cost of reconstruction					
		Intact	Partially damaged	Fully damaged	Total	>75%	50% - 75%	25% - 50%	<25%	Not damaged ¹	Total
ADIGUDOM	PRIMARY HOSPITAL	0	1	0	1	0	0	1	0	0	1
DEGUA TEMBEN	HEALTH CENTER	0	3	0	3	0	3	0	0	0	3
	HEALTH POST	0	12	0	12	1	4	7	0	0	12
ENDERTA	HEALTH CENTER	0	9	0	9	4	1	3	1	0	9
	HEALTH POST	0	23	1	24	7	2	11	4	0	24
HAGERE SELAM TOWN	PRIMARY HOSPITAL	0	1	0	1	0	1	0	0	0	1
HINTALO	HEALTH CENTER	0	3	1	4	1	2	1	0	0	4
	HEALTH POST	0	15	1	16	1	9	6	0	0	16
SAHARTI	HEALTH CENTER	0	4	0	4	0	0	4	0	0	4
	HEALTH POST	0	7	2	9	3	2	4	0	0	9
SAMRE	PRIMARY HOSPITAL	0	1	0	1	0	1	0	0	0	1
	HEALTH CENTER	0	2	0	2	1	1	0	0	0	2
	HEALTH POST	0	4	8	12	9	0	3	0	0	12
WAJIRAT	HEALTH CENTER	3	0	0	3	0	0	0	0	3	3
	HEALTH POST	5	4	1	10	1	0	3	1	5	10

¹ Includes HSDUs where equipment condition was reported as "not relevant".

Southern Woreda	HSDU type	Equipment condition				Estimated cost of reconstruction					
		Intact	Partially damaged	Fully damaged	Total	>75%	50% - 75%	25% - 50%	<25%	Not damaged ¹	Total
ALAMATA TOWN	GENERAL HOSPITAL	0	0	1	1	1	0	0	0	0	1
	HEALTH CENTER	0	0	1	1	1	0	0	0	0	1
BORA	HEALTH CENTER	0	1	0	1	1	0	0	0	0	1
	HEALTH POST	0	3	2	5	2	2	1	0	0	5
CHERCHER	HEALTH CENTER	0	4	0	4	0	1	3	0	0	4
	HEALTH POST	0	7	3	10	3	1	6	0	0	10
EMBA ALAJE	PRIMARY HOSPITAL	0	1	0	1	0	0	0	1	0	1
	HEALTH POST	0	7	1	8	0	0	1	7	0	8
	HEALTH CENTER	0	0	1	1	0	1	0	0	0	1
ENDAMEHONI	HEALTH CENTER	0	4	0	4	0	1	3	0	0	4
	HEALTH POST	0	11	2	13	2	2	9	0	0	13
MAICHEW TOWN	GENERAL HOSPITAL	0	1	0	1	0	0	1	0	0	1
	HEALTH CENTER	0	2	0	2	0	0	2	0	0	2
	PRIMARY HOSPITAL	0	1	0	1	0	0	0	1	0	1
	HEALTH POST	0	1	0	1	0	0	1	0	0	1
NEQSEGE	HEALTH CENTER	0	1	0	1	0	1	0	0	0	1
	HEALTH POST	0	6	0	6	1	2	2	1	0	6
RAYA AZEBO	HEALTH CENTER	0	4	0	4	0	3	1	0	0	4
	HEALTH POST	0	8	0	8	1	5	2	0	0	8
SELEWA	HEALTH POST	0	7	1	8	3	4	1	0	0	8
	HEALTH CENTER	0	0	1	1	1	0	0	0	0	1

¹ Includes HSDUs where equipment condition was reported as "not relevant".

ANNEX II: POPULATION ESTIMATES

ZONE	POPULATION ESTIMATES	POPULATION USED FOR ANALYSIS*
Central	1,479,286	1,479,286
Eastern	1,011,214	1,011,214
Mekelle	517,196	517,196
North Western	933,349	766,955
South Eastern	513,805	513,805
Southern	798,856	529,514
Total	5,253,706	4,817,970

* Excludes inaccessible woredas Dima (TG), Korem town, May Tsebri town, Ofla, Raya Alamata, Tselemti and Zata.

