

Health Resources & Health Services Availability Monitoring (HeRAMS)

Cabo Delgado

Theme: “Improving population health, influencing its Social Determinants, with a special focus on nutrition, by strengthening the provision of primary health care”

MedicusMundi Conference 22-24 November 2022 MAPUTO



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HeRAMS at a glance

Disruption of health systems hindered access to essential health services and sound information, therefore, increasing morbidity and mortality.

Since 2017 Mozambique has witnessed an upsurge in the violent destruction of property and loss of life through insurgents. The effects of this have led to the disruption of basic services and health included. Determining the status of health resources and health services in the province has been difficult due to insecurity. WHO recommends the use of HeRAMS a global health information management tool (for mapping, collection, collation and analysis of information on health resources and services) that aims to provide timely, relevant and reliable information for decision-making. It is used to guide interventions at the primary and secondary care levels, measure gaps and improve resource planning, ensure that actions are evidence-based, and enhance the coordination and accountability of WHO and other health sector partners.

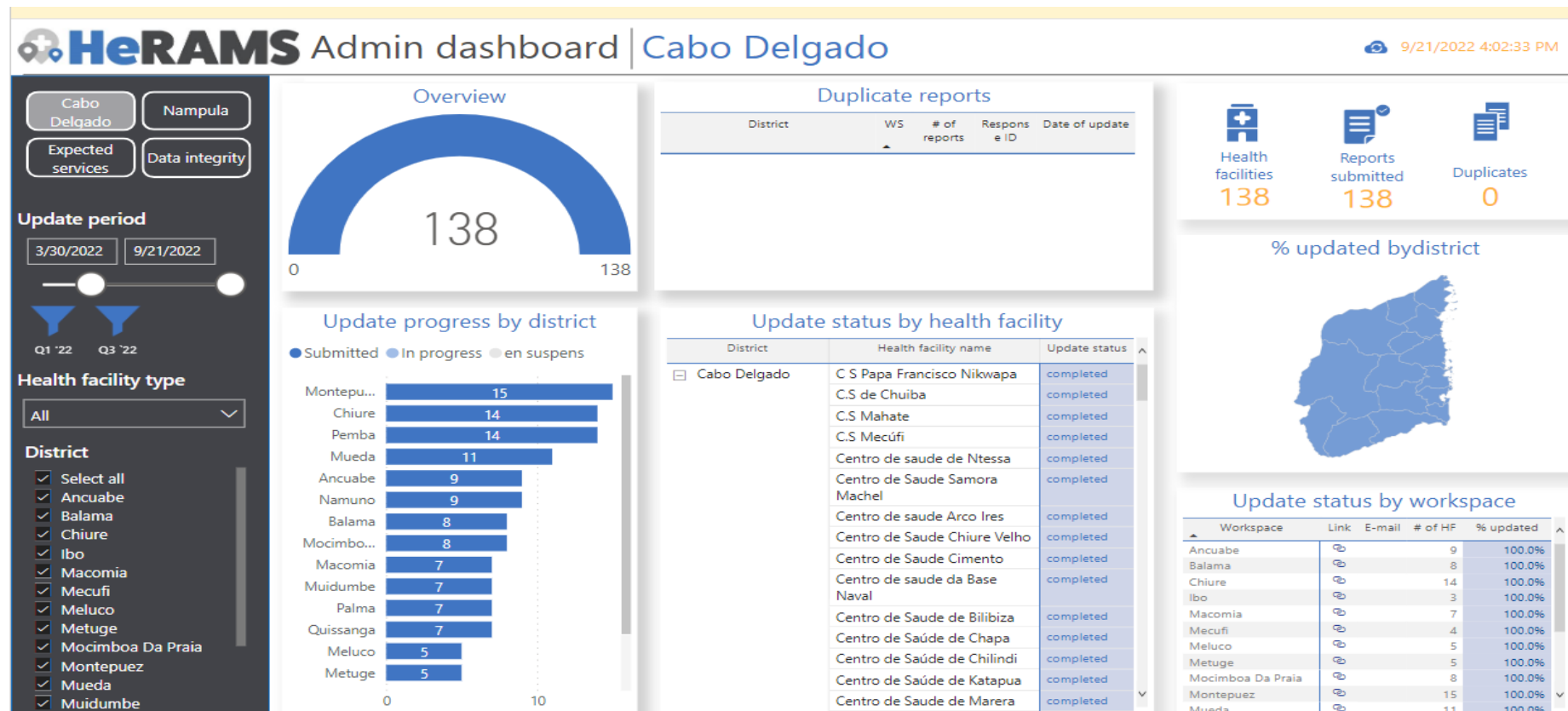
Subsequently, the SPS and DPS gave the nod for the deployment of HeRAMS in Cabo Delgado northern Mozambique in February 2022 where the baseline was completed in May with the update in August 2022. This poster gives a snap preview of the findings of the Health Resource and Health Service Availability Mapping (HeRAMS) conducted in the health facilities of Cabo Delgado province in 2022.

HeRAMS em um relance

A perturbação dos sistemas de saúde dificultou o acesso aos serviços de saúde essenciais e a uma informação sólida, aumentando assim a morbidade e a mortalidade.

Desde 2017, Moçambique tem assistido a um recrudescimento da destruição violenta de bens e perda de vidas através de insurrectos. Os efeitos desta situação levaram à ruptura dos serviços básicos e de saúde incluídos. A determinação do estado dos recursos e serviços de saúde na província tem sido difícil devido à insegurança. A OMS recomenda a utilização do HeRAMS uma ferramenta de gestão global da informação sanitária (para cartografia, recolha, compilação e análise de informação sobre recursos e serviços de saúde) que visa fornecer informação oportuna, relevante e fiável para a tomada de decisões. É utilizado para orientar intervenções a nível dos cuidados primários e secundários, medir lacunas e melhorar o planeamento de recursos, assegurar que as acções se baseiem em provas, e reforçar a coordenação e a responsabilização da OMS e de outros parceiros do sector da saúde.

Subsequentemente, o SPS e o DPS acenaram para o destacamento do HeRAMS em Cabo Delgado, no norte de Moçambique, em Fevereiro de 2022, onde a linha de base foi concluída em Maio com a actualização em Agosto de 2022. Este cartaz dá uma visão geral dos resultados do Mapa de Disponibilidade de Recursos e Serviços de Saúde (HeRAMS) realizado nas instalações de saúde da província de Cabo Delgado em 2022.

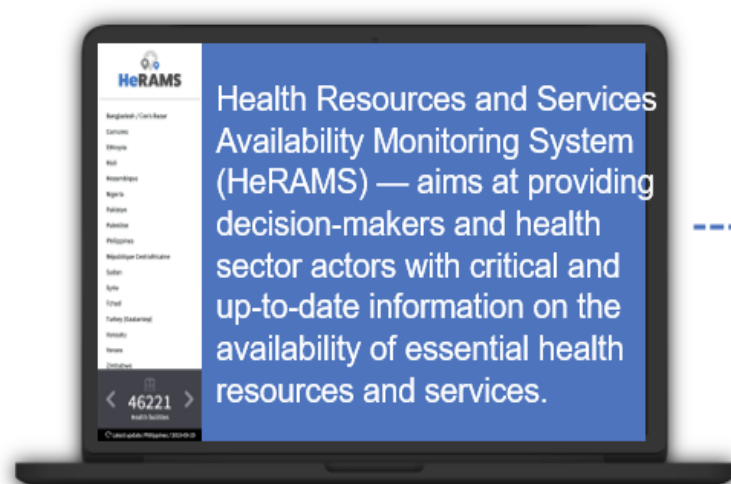


OBJECTIVES

Health Resources and Services Availability Monitoring System



HeRAMS Objectives



Contribute to informed decision-making in all phases of the health sector response

- Gaps and priorities in essential health resources and services availability
- Main impediments to health service delivery
- Most appropriate response options

Promote standardization across the health sector response from resource and policy point of view

- Standard Master Health Facility List
- Standard health service packages
- Standard health services definitions

Contribute to improved intra and inter sectorial collaboration

- Shared data management and quality responsibilities
- Joint analysis and prioritization
- Rationalized resource allocation
- Coordinated communication, advocacy, and resource mobilization efforts

Overview - Visão geral



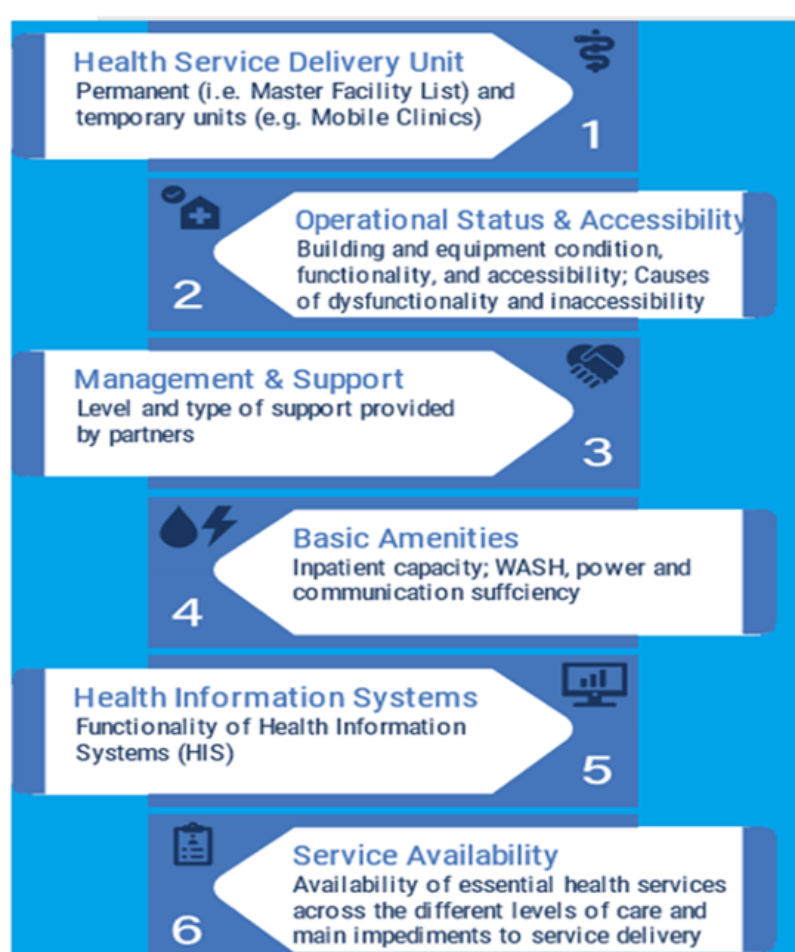
HeRAMS - Health Resources and Services Availability Mapping System

- A standardized approach supported by an online platform for the collection, collation, & analysis of information on the availability of health resources & services in humanitarian emergencies
- Provides a tool for assessing, monitoring, & processing a comprehensive set of available health resources & services data collected at the health facility level
- The **objective** of the assessment is to guide priorities for humanitarian & developmental response in a country
- Cabo Delgado HeRAMS baseline (Phase 1) was conducted from October 2021 to March 2022
- Phase 2 quarterly data update finalize in August 2022

HeRAMS - Sistema de Mapeamento da Disponibilidade de Recursos e Serviços de Saúde

- Uma abordagem padronizada apoiada por uma plataforma em linha para a recolha, comparação e análise de informação sobre a disponibilidade de recursos e serviços de saúde em situações de emergência humanitária
- Fornece uma ferramenta para avaliar, monitorizar & processar um conjunto abrangente de recursos e dados de serviços de saúde disponíveis recolhidos a nível da unidade de saúde
- O **objectivo** da avaliação é orientar as prioridades para a resposta humanitária e de desenvolvimento num país
- A linha de base HeRAMS de Cabo Delgado (Fase 1) foi realizada de Outubro de 2021 a Março de 2022
- Fase 2 actualização trimestral de dados finalizada em Agosto de 2022

HeRAMS PILLARS



THE HERAMS QUESTIONNAIRE KEY FACTS

- THERE ARE (UP TO) 6 INFORMATION PILLARS
- EVERYONE IS USING THE SAME QUESTIONNAIRE
- INBUILT LOGIC WILL AUTOMATICALLY SKIP QUESTIONS THAT ARE NOT APPLICABLE AND ENFORCE ANSWERING MANDATORY QUESTIONS
- IF AN INDICATOR OR SERVICE IS NOT AVAILABLE, REASONS OF UNAVAILABILITY ARE SYSTEMATICALLY COLLECTED



Standard question format:

IS THE INDICATOR/SERVICE AVAILABLE?

Available

Partially available

Not available

Not normally provided

MAIN REASONS OF UNAVAILABILITY?

(SELECT UP TO 3)

Lack of staff

Lack of training

Lack medical supplies

Lack of equipment

Lack financial resources



Collective Action for Better Health Outcomes for your infographic and/or provide a call to action

Health Resources & Health Services Availability Monitoring (HeRAMS)

Cabo Delgado, Mozambique

Theme: “Improving population health, influencing its Social Determinants, with a special focus on nutrition, by strengthening the provision of primary health care”

POSTER



KEY RESULTS

Overview

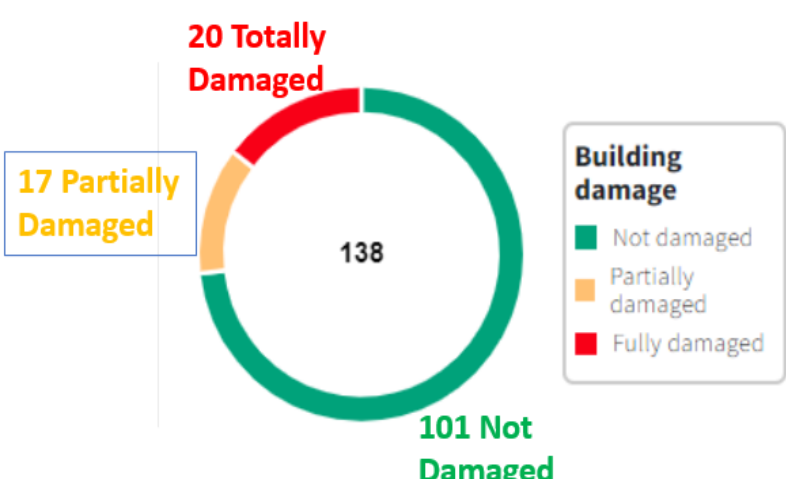
138 HF in HeRAMS of which:

→ 20 HF Fully Damaged

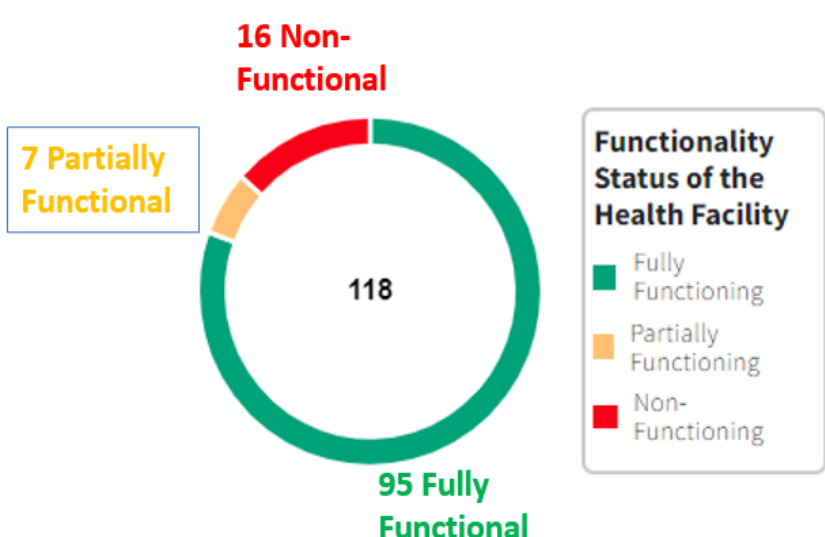
➤ 16 HF are non-functioning

→ 14% remain fully damaged as compared to 22% during the baseline

→ 81% are operational as compared to 73% reported during the baseline

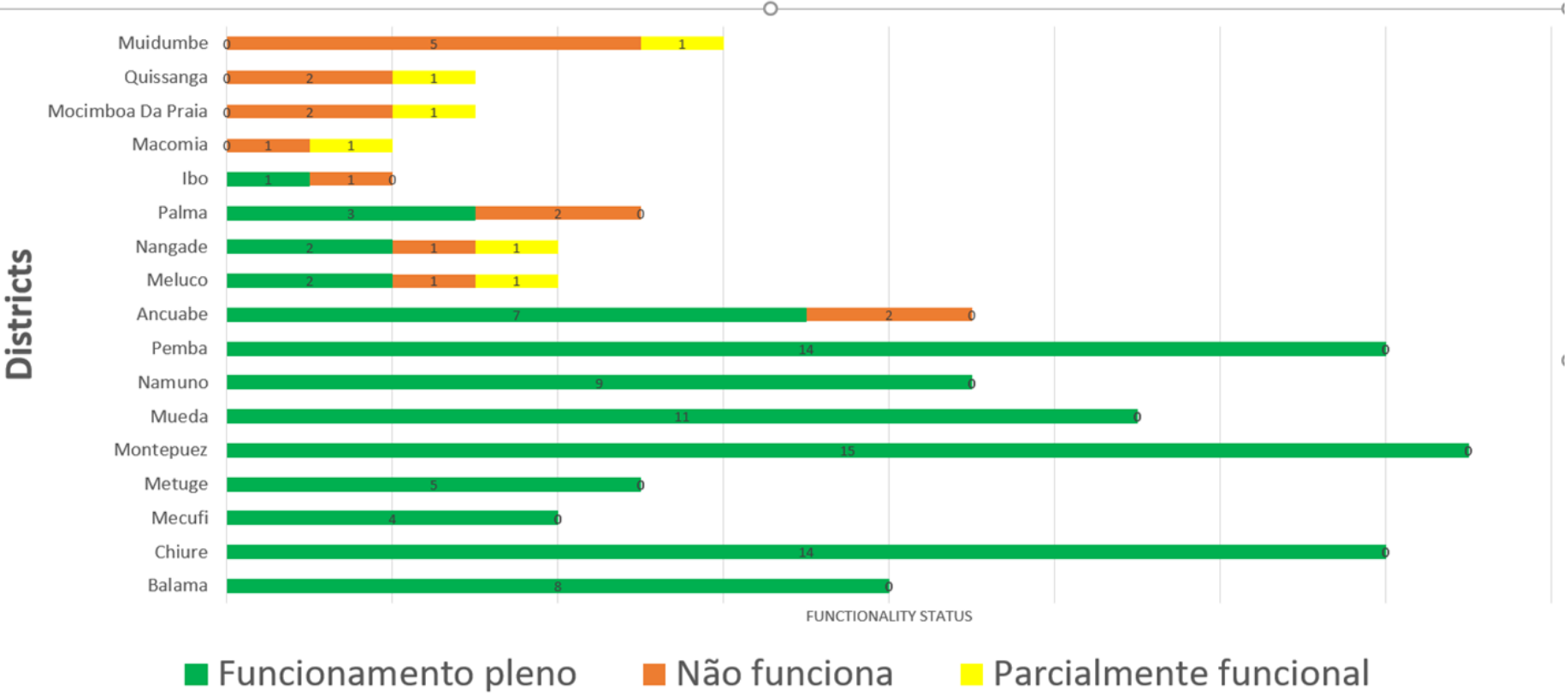


NB: All health facilities categorized as **Damaged** are excluded from the functional analysis



14

Health Facility Functionality - Funcionalidade das instalações de saúde



All HF categorized as fully destroyed, non-functional and or not accessible were excluded from the analysis (1 HF in Muidumbe, classified as not accessible excluded from analysis)

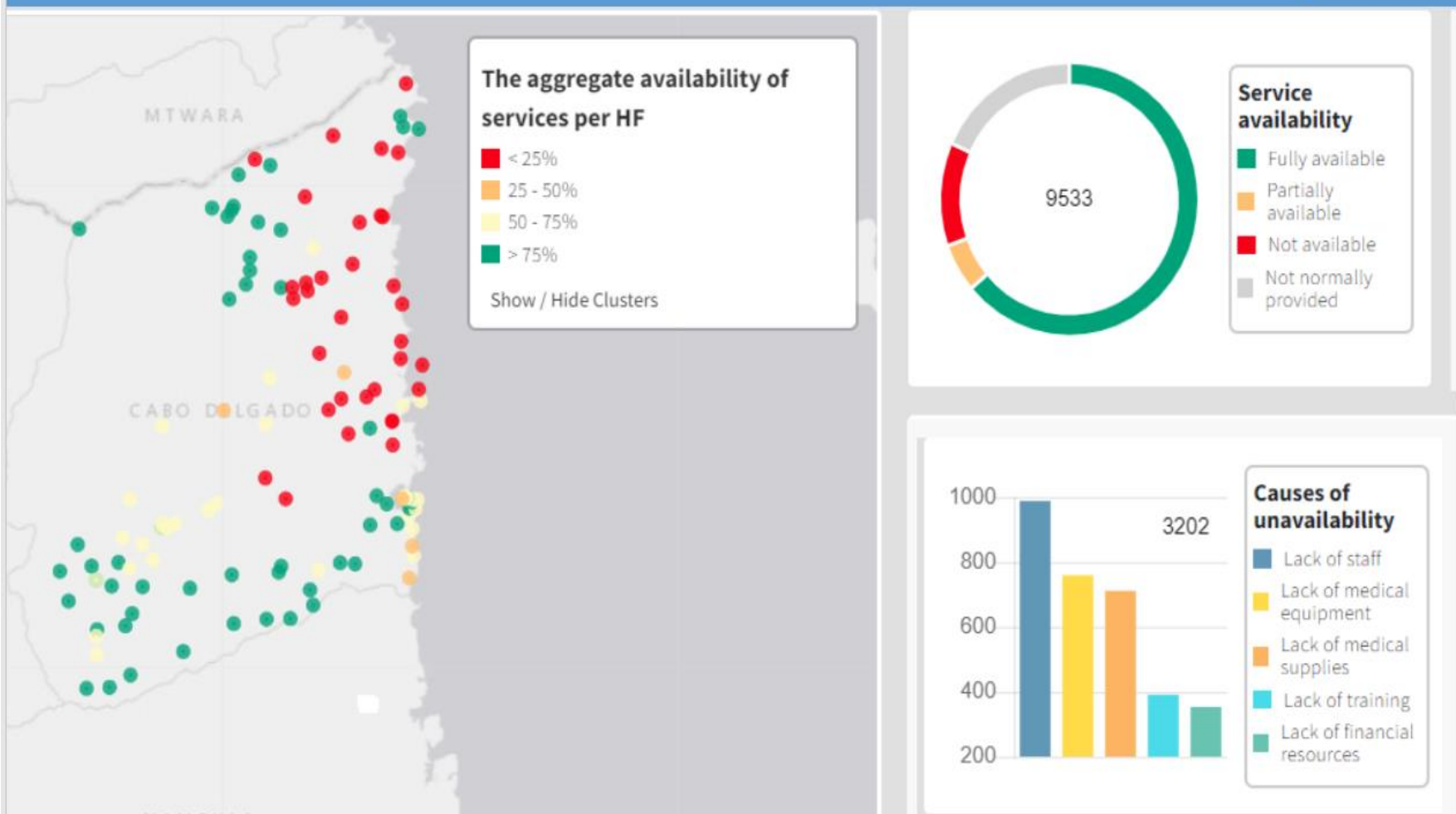
STATUS OF BUILDINGS -STATUS DOS EDIFÍCIOS

District Building damage: condition of the health facility building

Districts	Not damaged	Partially damaged	Totally damaged	Total	Baseline % Fully Damaged	% Partially damaged	% Fully damaged	% Damage (Total + Partial)	
					May 2022	22-Sep	22-Sep	22-Sep	
Ancuabe	9	0	0	9	0%	0%	0%	0%	
Balama	8	0	0	8	0%	0%	0%	0%	
Chiure	14	0	0	14	0%	0%	0%	0%	
Ibo	1	1	1	3	0%	33%	33%	67%	
Macomia	1	1	5	7	71%	14%	71%	86%	
Mecufi	4	0	0	4	0%	0%	0%	0%	
Meluco	2	2	1	5	40%	40%	20%	60%	
Metuge	5	0	0	5	0%	0%	0%	0%	
Mocimboa Da Praia	0	4	4	8	86%	50%	50%	100%	
Montepuez	15	0	0	15	0%	0%	0%	0%	
Mueda	11	0	0	11	0%	0%	0%	0%	
Muidumbe	3	3	1	7	86%	43%	14%	57%	
Namuno	9	0	0	9	0%	29%	29%	0%	
Nangade	2	2	1	5	0%	40%	20%	60%	
Palma	3	2	2	7	57%	29%	29%	57%	
Pemba	14	0	0	14	0%	0%	0%	0%	
Quissanga	0	3	4	7	100%	43%	57%	100%	
Total	101	17	20	138	22%	12%	14%	27%	
					<20%	20-39%	40-59%	60-79%	80%>

AVAILABILITY OF HEALTH SERVICES

Health Service Availability Summary – Resumo da Disponibilidade do Serviço de Saúde



NB: Service availability; multiple responses on health service availability. Causes of service unavailability were selected for more than one cause

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POSTER

KEY RESULTS

Serviços gerais de cuidados clínicos e traumatológicos

UNIDADE DE HEMODIÁLISE

Disponibilidade de serviço



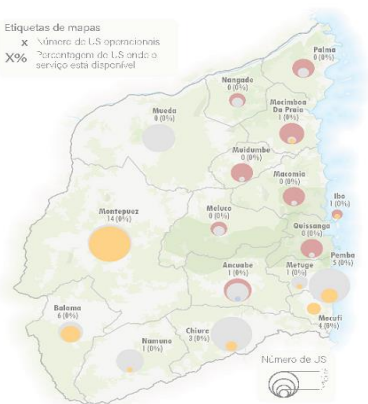
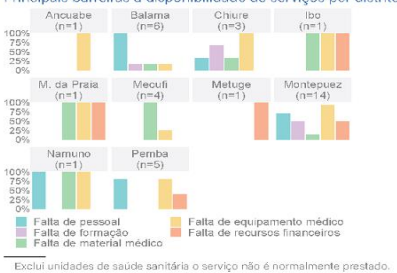
Principais barreiras à disponibilidade de serviços (n = 37)



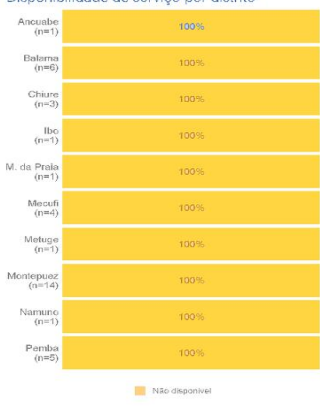
Disponibilidade de serviço por tipo de US



Principais barreiras à disponibilidade de serviços por distrito



Disponibilidade de serviço por distrito¹



HeRAMS Cabo Delgado: atualizar relatório Outubro 2022

CAPACIDADE CIRÚRGICA COM PELO MENOS DOIS BLOCOS OPERATÓRIOS

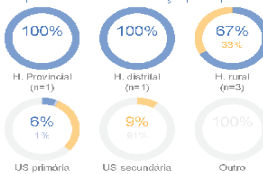
Disponibilidade de serviço



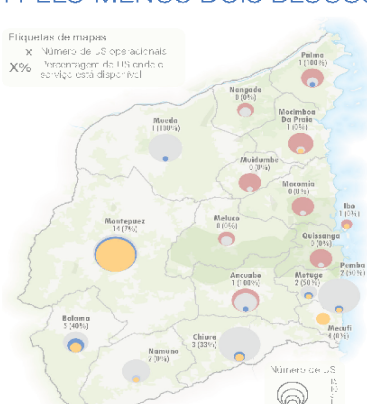
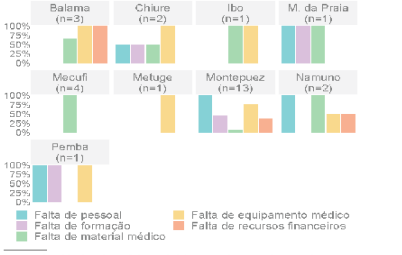
Principais barreiras à disponibilidade de serviços (n = 28)



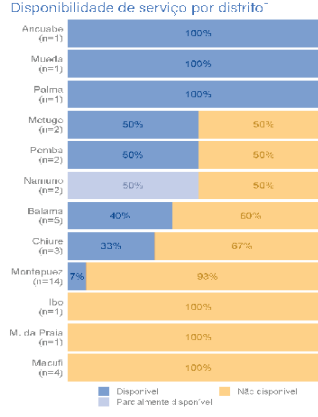
Disponibilidade de serviço por tipo de US



Principais barreiras à disponibilidade de serviços por distrito



Disponibilidade de serviço por distrito¹



The population in Cabo Delgado province has sub-optimal access to key health services which include; *blood bank services, hemodialysis, basic X-Ray and radiology services, and orthopedic & trauma care*

Availability of Maternal & Child Health Services



Indicators	Baseline May N=99		September N=102	
	# Available	%	# Available	%
Consulta de criança sadia/ Integrated childhood management	64	65%	69	68%
Cadeia de Frio/ Cold chain availability	87	88%	92	90%
CPN/ Pregnancy screening and referral	77	78%	83	81%
PF/ Family planning	81	82%	93	91%
Tratamento sintomático de ITS/ STI treatment	87	88%	98	96%

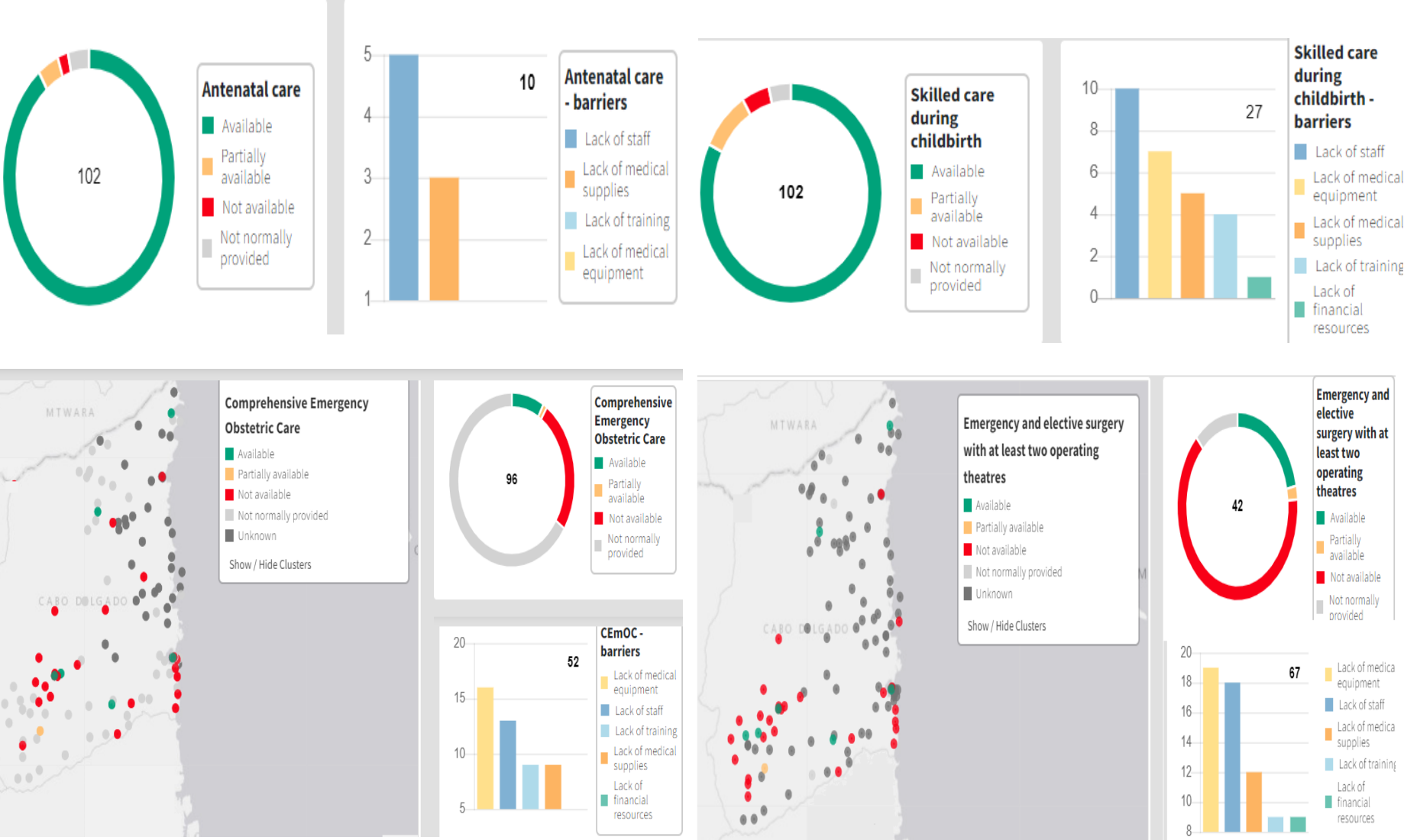
There has been an increase in the availability of maternal and child health services since May 2022 when the baselines were collected

Raios-X e Serviços de Radiologia / X-Ray and Radiology Services

Indicators	Baseline May N=99		September N=102	
	# Available	%	# Available	%
Basic X-ray service: X-ray service (basic radiological unit) and ultrasound	4	4%	4	4%
Radiology unit: with X-ray with stratigraphy, intraoperation X-ray intensifier, ultrasound, MRI and/or CT scan	0	0%	0	0%
Orthopedic/trauma ward: for advanced orthopedic and surgical care, including burn patient management	0	0%	0	0%
Hemodialysis unit: with hemodialysis equipment to serve patients needing emergency dialysis	0	0%	0	0%

The health services lacking in the province include X-ray services, radiology services, orthopaedic/trauma and Hemodialysis

Barriers to health services



Major barriers to maternal child health and obstetric health care services are lack of staff, lack of medical supplies, lack of training and lack of medical supplies

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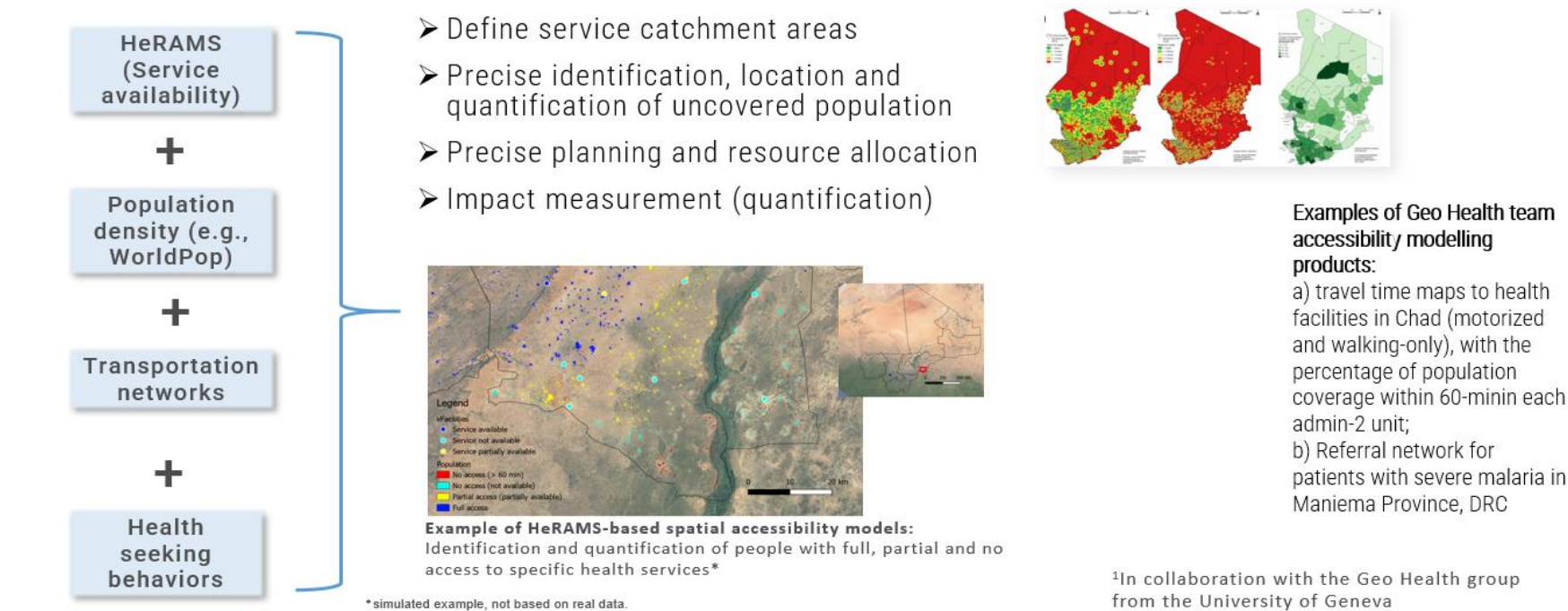
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POSTER



HeRAMS IN THE FUTURE

Geospatial modelling of accessibility to essential health services¹



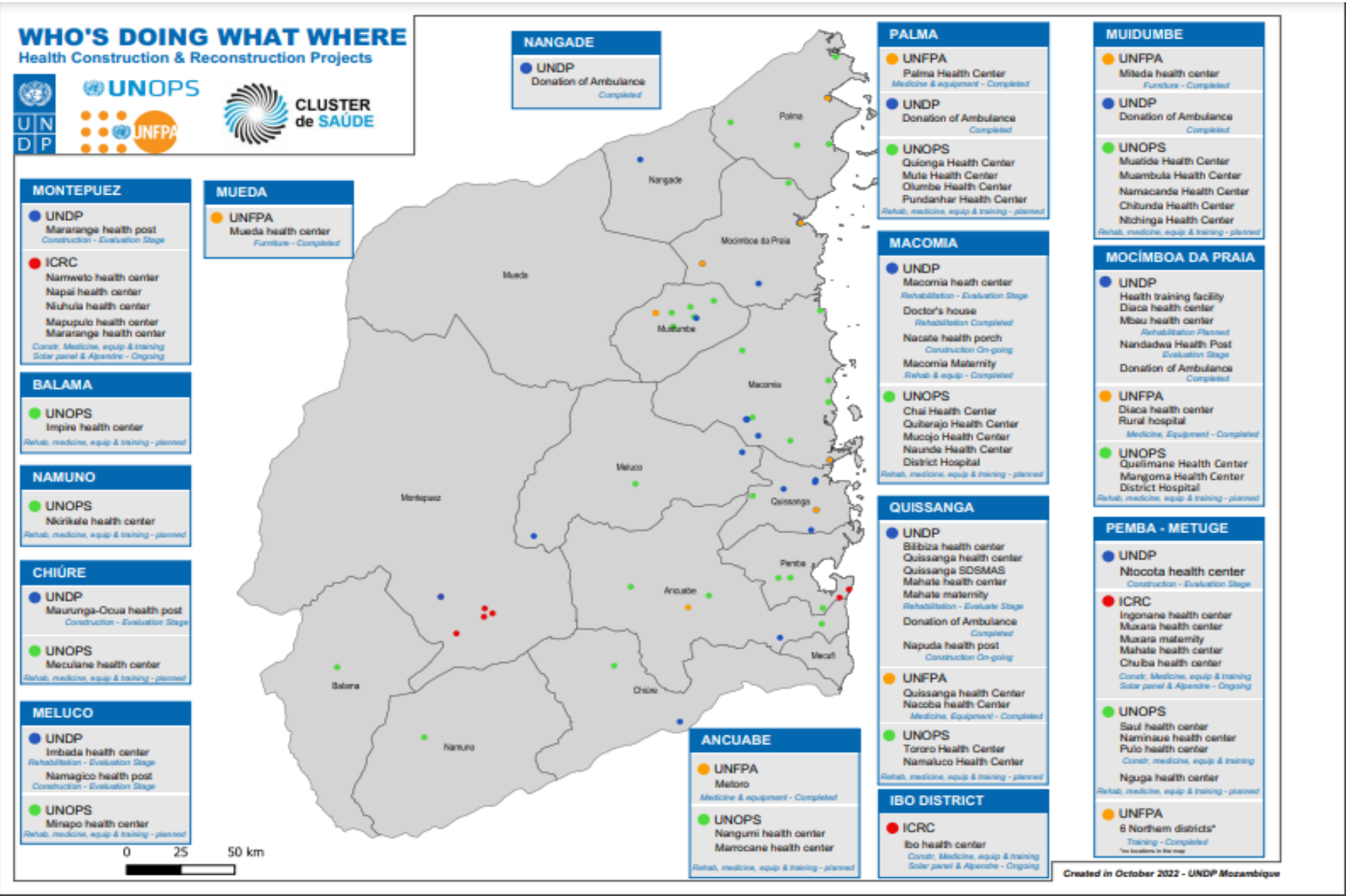
Challenges & limitations

- Delay in finalization of reports which they attribute to cross-cutting tasks at the districts level
- Poor internet connectivity in some districts
- Lack of key information which requires field verification such as ascertaining the true status of building in inaccessible areas
- As a desk review approach, some of the information may not be captured correctly as compared to physical visits

Desafios e limitações

- Atraso na finalização dos relatórios que atribuem às tarefas transversais a nível dos distritos
- Má conectividade à Internet em alguns distritos
- Falta de informação chave que requer verificação no terreno, tal como a verificação do verdadeiro estado do edifício em áreas inacessíveis
- Como abordagem de revisão documental, algumas das informações podem não ser capturadas correctamente em comparação com as visitas físicas

HEALTH FACILITIES RECONSTRUCTION /REHABILITATION



Source: UNDP, Mozambique September 2022 The Government of Mozambique and partners engaged in reconstruction and rehabilitation efforts (UNDP, UNOPS, UNFPA, ICRC,MSF among others)

Lesson learnt

- HeRAMS provides good insights into the availability and functionality of health services within districts
- Platform easy to access and now serves as a master health facility list reference
- Provides an opportunity for the districts team to understand better their health facilities and gaps in health services
- Enables the district's teams to regularly engage in health functionality

Lições aprendidas

- HeRAMS fornece bons conhecimentos sobre a disponibilidade e funcionalidade dos serviços de saúde nos distritos
- Plataforma de fácil acesso e agora serve como uma referência de lista de instalações de saúde principal
- Proporciona uma oportunidade para a equipa distrital compreender melhor as suas instalações de saúde e lacunas nos serviços de saúde
- Permite que as equipas do distrito se empenhem regularmente na funcionalidade da saúde

For more information, please get more from links below

Link for cluster bulletins, dashboards and infographics:
<https://www.humanitarianresponse.info/en/operations/mozambique/health>

Other important links:
<https://www.unocha.org/mozambique>

HeRAMS: <https://herams.org/session/create>

