



HeRAMS report, 2020

Health resources and services availability monitoring system

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HeRAMS

Preface

The Health Resources and Services Availability Monitoring System (HeRAMS) aims to ensure that core information on essential health resources and services is readily available to decision-makers at country, regional and global levels.

Health services play a crucial role in preventing avoidable morbidity and mortality in emergencies. When health facilities are damaged in emergencies and are left without medicines, equipment, basic amenities or health workers, they are unable to serve the health care needs of the population, who may also have heightened health care needs as a result of the emergency.

Monitoring health services during an emergency is difficult. Uncertainties around access, security and time limitations frequently prevent systematic information gathering, and a lack of information, in return, hampers effective decisionmaking, resource allocation, mobilization and advocacy for health in emergencies.

HeRAMS was developed to address these challenges and provide a rapid and reliable online system to monitor the availability of health facilities, services and resources in emergencies.

HeRAMS was initially developed in 2008 and has since been used in several emergency contexts: Sudan (2008), Haiti (2009), Pakistan (2010) and Central African Republic (2014). In Yemen, HeRAMS has been monitoring the availability of health resources and services since 2016. The data collected have been used extensively by the national health authorities, health cluster members and relevant coordination mechanisms.



Introduction



HeRAMS

Planning for HeRAMS in Yemen began in the second half of 2015, which was agreed upon by the Health Cluster in October 2015, as a unified tool for gathering information. By January of 2016, the generic HeRAMS tool was adapted to the local context after extensive discussions with relevant health sector stakeholders. In February 2016, HeRAMS was piloted and further used to conduct an assessment of health facilities in the country. The assessment was conducted using a paper questionnaire completed through interviews with district health officers in governorates with the assistance of trained surveyors. During the HeRAMS 2020 assessment activity, the HeRAMS online platform was used and district health officers, along with district information officers, were trained and updated their HeRAMS data on the online platform (herams.org).

This report provides the results of the HeRAMS 2020 assessment. It includes a summary, and national and governorate level results.

Methodology



HeRAMS implementation process

The WHO country office in Yemen and the Ministry of Public Health and Population worked together to jointly implement the Health Resources Availability Monitoring System (HeRAMS) in 22 governorates in Yemen with 100% coverage. HeRAMS implementation in Yemen has comprised several stages, from preparation to compiling of report findings and dissemination of final results.

Five Ministry of Public Health and Population staff were selected to be trained on the HeRAMS online platform (herams.org) and subsequently work as facilitators to assist in HeRAMS training and facilitators of workshops for main data enumerators.

HeRAMS training and workshops were conducted and main data enumerators, including district health officers and statisticians, were trained on the online platform and updated the HeRAMS data.

After the collected dataset was revised to ensure data completeness, quality, and consistency, the data were analysed to produce the results of the assessment.

Assessment summary

The HeRAMS assessment showed that 49% of health facilities were either non-functioning or partially functioning, and that even those health facilities which were considered fully functioning lacked some health services. It also showed that 11% of facilities were either fully or partially damaged and needed rehabilitation.

Almost 35% of districts in Yemen had no functioning hospitals at all, which meant that people in 117 out of 333 districts lacked secondary health care.

The assessment showed that there was a severe shortage in the number of available health workers, with only 12 health workers available per 10 000 people in Yemen, which represented less than 50% of the WHO standard threshold. Nineteen out of 22 governorates in Yemen lacked a sufficient number of health workers.

There were no specialists in 97 out of 261 functioning hospitals in Yemen; more than 37% of functioning hospitals in Yemen were without a specialist.

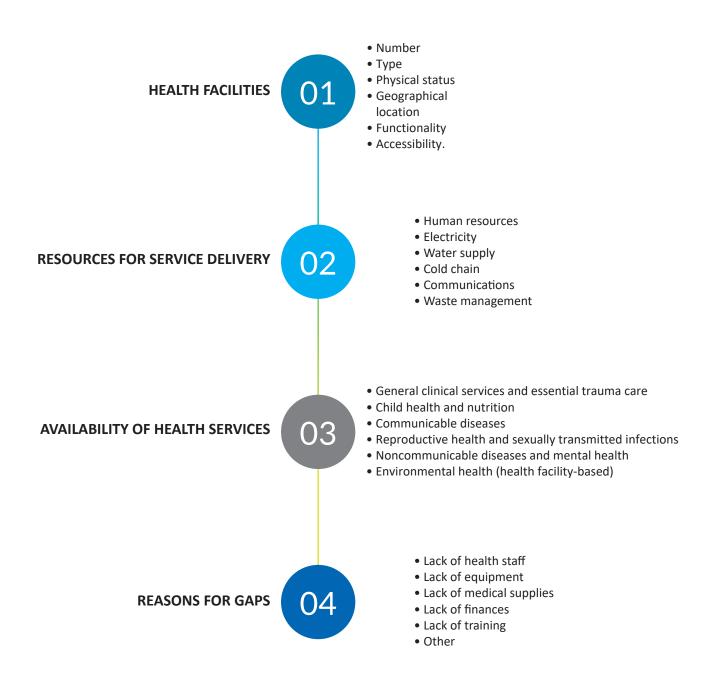
The HeRAMS assessment showed also that there was a severe shortage in the number of available inpatient and maternity beds as almost less than 6 inpatient beds were available per 10 000 people in Yemen, which represented less than 50% of the WHO standard threshold. Nineteen out of 22 governorates in Yemen lacked a sufficient number of inpatient beds.



What HeRAMS monitors?

The questions in the Assessment Tool were based on the Global Checklist for HeRAMS, presented according to different health care domains per level of health care (primary, secondary and tertiary), and the Clinical Service Package of Yemen's Ministry of Public Health and Population.

The HeRAMS data, along with the large variety of processes, methods and tools used to generate these data, help to inform the development of Global Health Cluster's key indicators to promote and support good practice in mapping health resources and services availability in emergencies so as to strengthen informed-based decision-making by the Health Cluster.



Data quality assurance

Data quality assurance throughout the HeRAMS data management process was followed to ensure completeness and consistency of HeRAMS data and results. Therefore, HeRAMS ensures the provision of reliable data to inform decision-making, evident-based planning, prioritizing, and reallocating of resources. Below is a summary of the major procedures followed for data quality assurance throughout the data management process of the HeRAMS 2020 annual assessment.

Phase I: Planning

- Action plan for conducting HeRAMS annual assessment preparation
- HeRAMS 2020 training of trainers for HeRAMS team members on the new HeRAMS platform
- HeRAMS training and update workshops for key informants and technical support was provided to enumerators,
 in collaboration with the Ministry of Public Health and Population

Phase II: Data collection

- Built-in system validation rules
- Expert key informants
- Built-in and real-time analysis available in HeRAMS platform for immediate post-review
- Multi-layer validation



Phase III: Data auditing

- Follow standard data quality control guidelines
- Data revision
- Data cleaning
- Data processing to ensure data completeness and consistency

Phase IV: Data analysis

- Follow standard calculation rules for calculating all indicators
- Calculate health facilities/health workers/bed density against the right denominator such as "Population" based on key health indicators plus Sustainable Development Goal indicators based on standard guidelines (e.g. SPHERE)
- Trend-analysis calculation by comparing with earlier assessment results

Phase V: Data visualization

- HeRAMS 2020 national infographic
- HeRAMS governorate profiles for all 22 governorates
- HeRAMS 2020 report

Phase VI: Data clearance and dissemination

- HeRAMS data and results were cleared
- HeRAMS master Facility List (MFL) and HeRAMS 2020 report to be disseminated soon



HeRAMS national level

of health facilities in Yemen are fully functioning

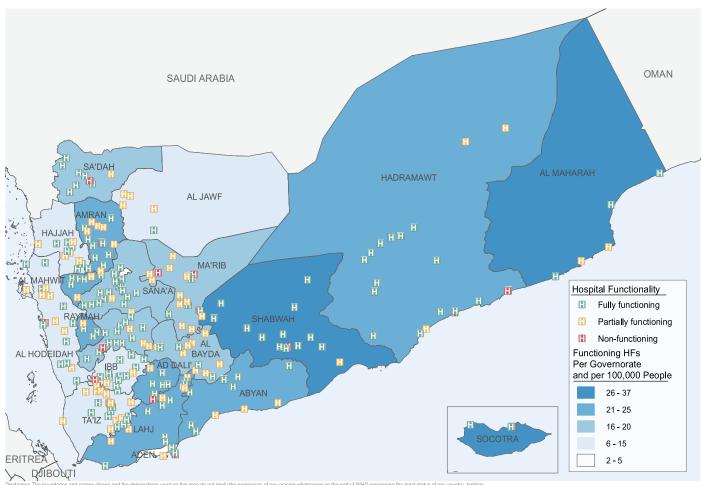
51% of health facilities are fully functioning

*Fully functioning of health facilities may lack some services

38% of health facilities are fartially functioning

of health facilities are fon-functioning

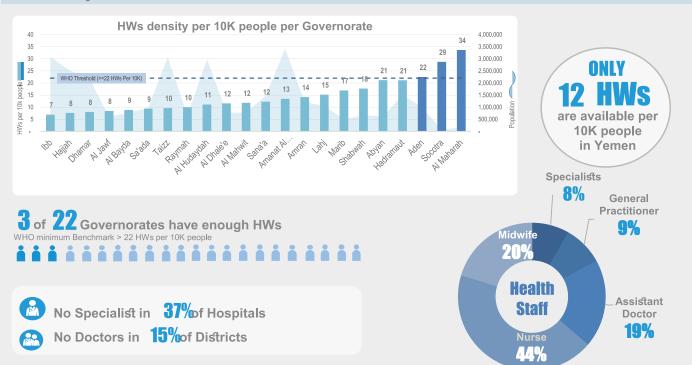
Functionality status - governoratelevel Damage status - governorate level Not damaged Partially damaged Fully damaged Partially functioning Fully functioning ■ Non-functioning 464 Taizz Socotra Shabwah 195 Sana'a 311 Sa'ada 60 14 141 Raymah Marib 127 17 Lahi 245 193 lbb Hajjah 235 323 Hadramaut 280 Dhamar Amran 220 10 Amanat Al Asimah 80 Al Mahwit 191 Al Maharah Al Jawf 97 Al Hudaydah Al Dhale'e 76 9 Al Bayda 147 7 Aden 3 47 Abyan 20% 40% 60% 80%



The following are the updated governorates in HeRAMs 2020 (Hajjah, Dhamar, Sana'a, Raymah, lbb, Al Mahwit, Amran and Amanat Al Asimah) Data source: Ministry of Public Health and Population, Date of update: February 21, 2021,

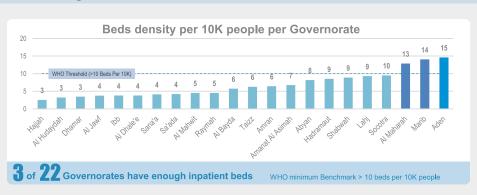
Assessment of Health Situation

Availability of Health Workers

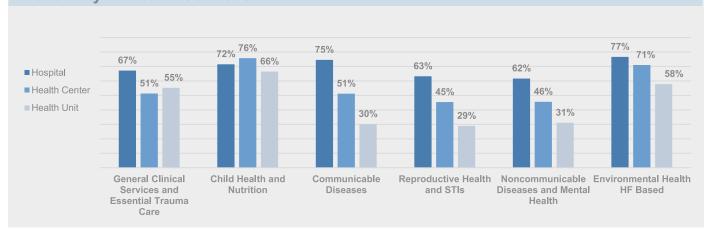


Availability of Inpatient and Maternity Beds





Availability of Health Services



FUNCTIONALITY AND DAMAGE STATUS OF HEALTH FACILITIES

A total number of 5239 public health facilities providing standard health services at primary, secondary, and tertiary health care levels were assessed during the HeRAMS 2020 assessment.

The HeRAMS assessment shows that 49% of HFs are either not functioning or just partially functioning due to lack of health staff, lack of medical equipment, lack medical supplies in addition to other reasons including but not limited to lack of staff training and finance for operational costs.

The distribution of health facilities functionality status is 11% Non Functioning, 38% Partially Functioning, and 51% Fully Functioning with lack to some health services.

It is noticeable that almost 35 % of Yemeni districts have no functioning hospitals at all. This means that people in 115 out of 333 districts in Yemen lack secondary health care.

Detailed analysis on the functionality status of public health facilities is also available at governorate level.

The assessment also shows that a total number of 590 health facilities are either fully or partially damaged. This means that 11% health facilities need to be rebuilt or rehabilitated.

Partial damage is considered as one of the significant reasons behind the drop of health services availability as partially damaged health facilities are not working with their full capacity.

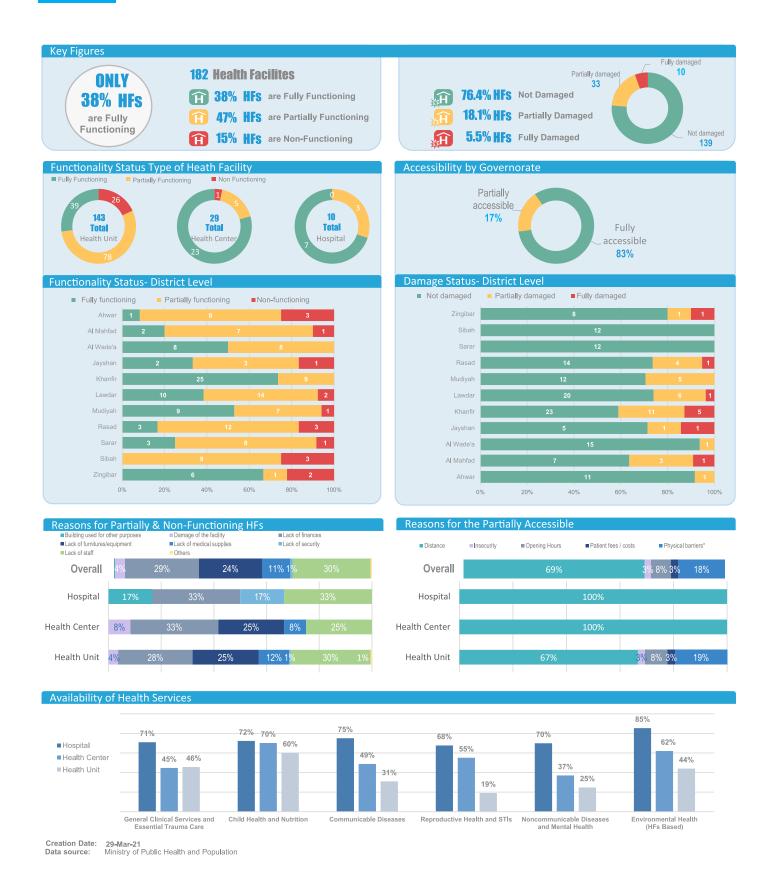
HEALTH WORKERS DENSITY

The assessment shows that there is a severe shortage in the number of available health workers as only 12 health workers are available per 10,000 people in Yemen which is about half of the WHO standard threshold only (p.s. note that 19 out of 22 governorates in Yemen lack sufficient health workers).

INPATIENT BEDS DENSITY

The HeRAMS assessment shows also that there is a severe shortage in the number of available inpatient and maternity beds as almost less than 6 inpatient beds are available per 10,000 people in Yemen which is about half of the WHO standard threshold (p.s. note that 19 out of 22 governorates in Yemen lack sufficient inpatient beds).

HeRAMS governorate profile 2020 - Abyan



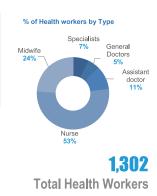
HeRAMS 10



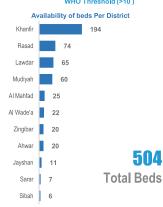
Human resources and Health Facilities Functions & Utilities







Beds are available per 10,000 people WHO Threshold (>10)



15 BEmOC are available per 500,000 people WHO Threshold (>=4)



5 CEmOC are available per 500,000 people WHO Threshold (>=1)



14 Ambulances are the opera ambulances

Availability of Selected Infra-structure Resources

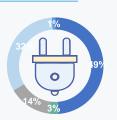
Power Sources

■Public network

Jayshan 25

- ■Private network
- ■Generator owned by the facility

 Alternative power supply
- Others



General Waste Disposal by Method

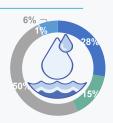
- Buried outside the fence of the facility

 Buried within the fence of the
- facility
- Burned
- Garbage Cans
- Others
- Thrown in the street



Water Sources

- ■Private network
- Public network
- Water tank
- Well owned by health facility



Medical Waste Disposal by Method

- ■Burned and buried outside the fence of the facility
- ■Burned and buried within the fence of the facility
- ■Burned in open air
- Garbage cans
- Medical incinerator
- ■Thrown in the street Others



Communication Equipments

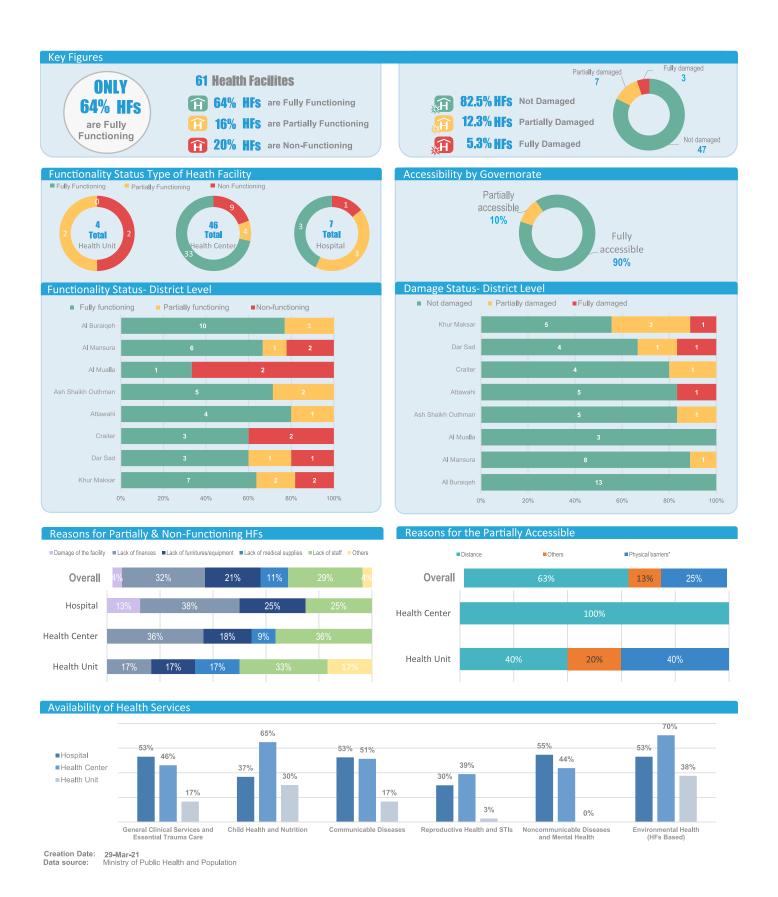
- Fax
- Internet
- Mobile phone
- Telephone

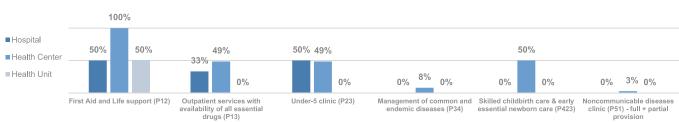


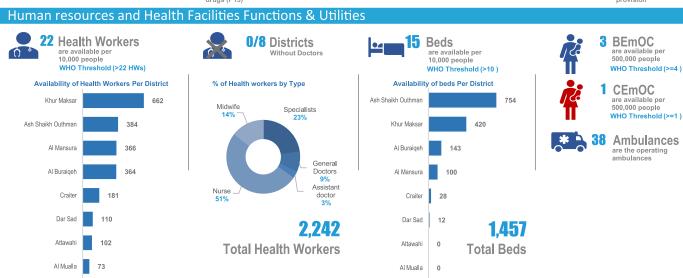
- In the open
- No sewage system
- Other
- Pit
- Public network



HeRAMS governorate profile 2020 - Aden





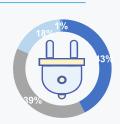


Availability of Selected Infra-structure Resources

Power Sources

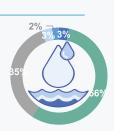
- ■Public network
- ■Private network
 ■Generator owned by the
- facility

 Alternative power supply
- Others



Water Sources

- ■Private network
- Public network
- Water tank
- Well owned by health facility



Communication Equipments



General Waste Disposal by Method

- ■Buried outside the fence of the facility
- Buried within the fence of the facility
- ■Burned
- ■Garbage Cans
- Others
- Thrown in the street



Medical Waste Disposal by Method

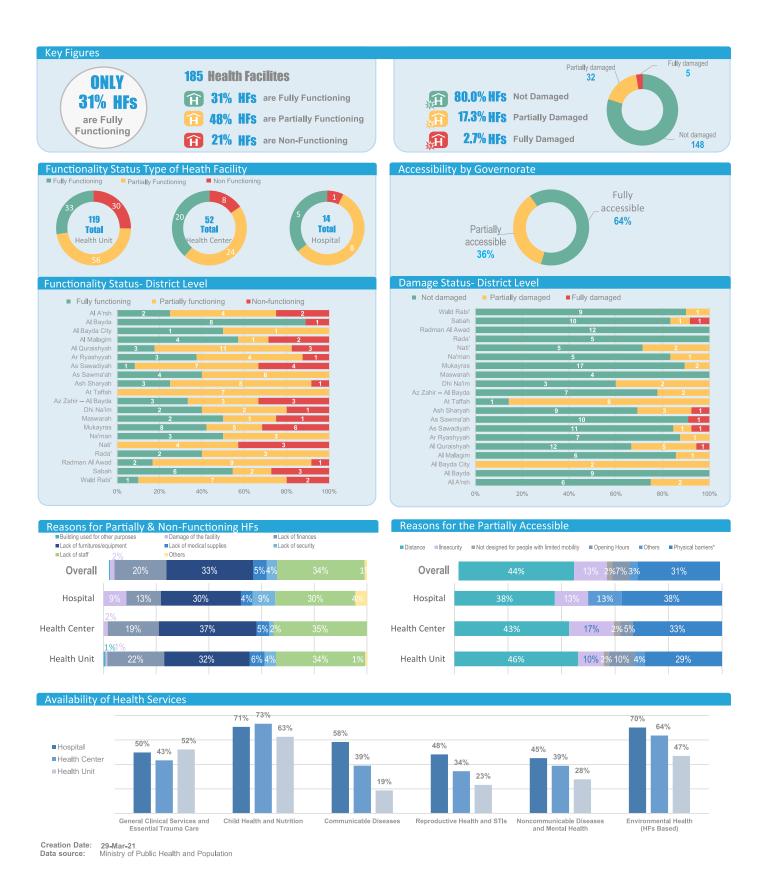
- ■Burned and buried outside the fence of the facility
- ■Burned and buried within the fence of the facility
- ■Burned in open air
- Garbage cans
- Medical incinerator
- ■Thrown in the street
 Others

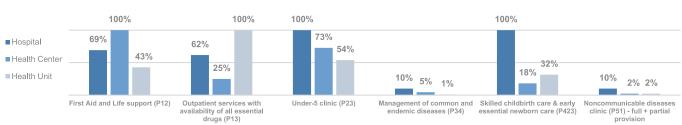


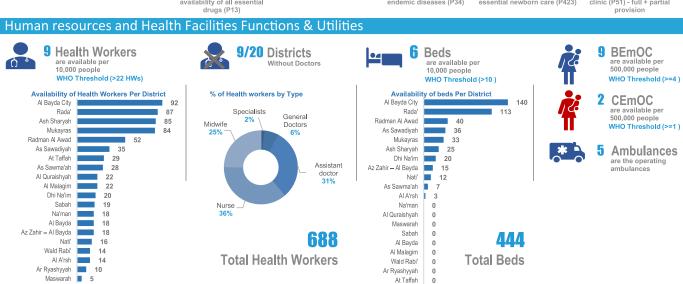
- ■In the open
- No sewage system
- Other
- ■Pit
- Public network



HeRAMS governorate profile 2020 - Al Bayda







Availability of Selected Infra-structure Resources

Power Sources

- ■Public network
- Private network

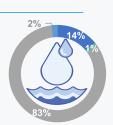
 Generator owned by the
- facility

 Alternative power supply
- Others



Water Sources

- Private network
- Public network
- **■** Water tank
- Well owned by health facility



Communication Equipments

- ■Fax
- Internet
- Mobile phone
- Telephone



General Waste Disposal by Method

- Buried outside the fence of the facilityBuried within the fence of the
- Buried within the fence of the facility
- ■Burned
- Garbage Cans
- Others
- Thrown in the street



Medical Waste Disposal by Method

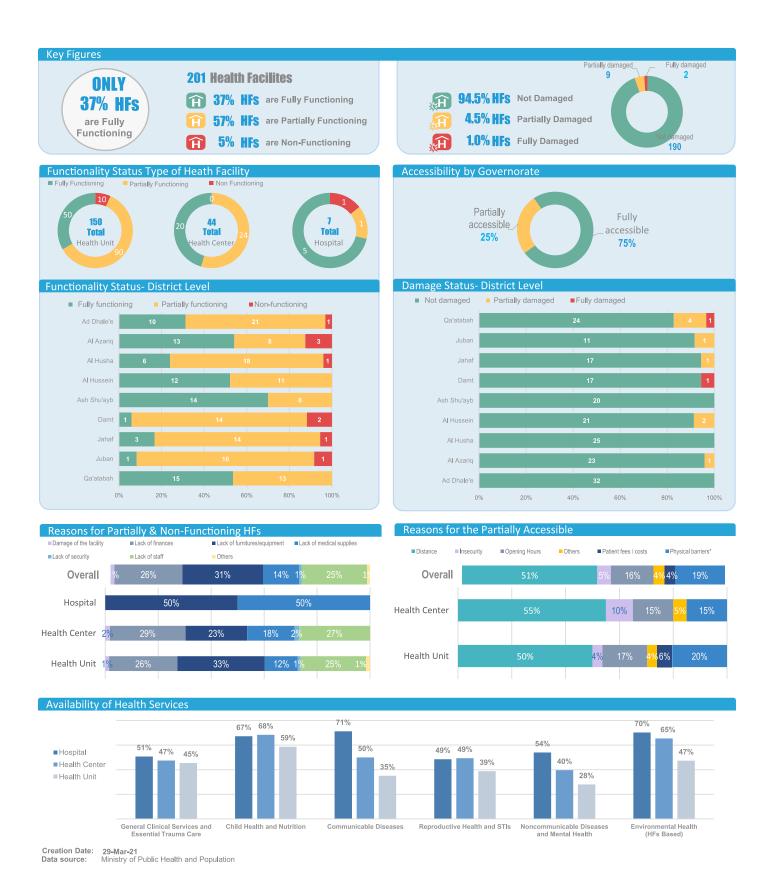
- ■Burned and buried outside the fence of the facility
- ■Burned and buried within the fence of the facility
- ■Burned in open air
- Garbage cans
- Medical incinerator
- ■Thrown in the street
 Others



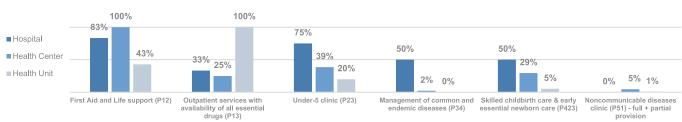
- In the open
- No sewage system
- Other
- Pit
- ■Public network

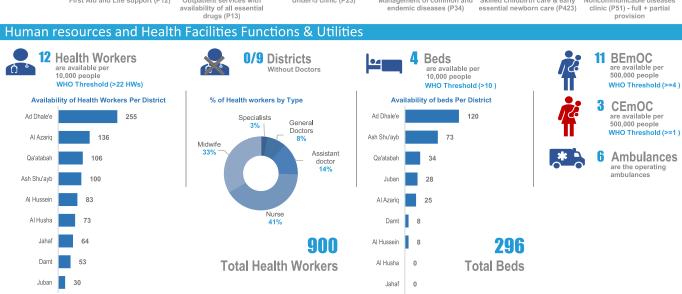


HeRAMS governorate profile 2020 - Al Dhale'e



HeRAMS 16



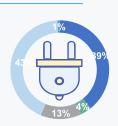


Availability of Selected Infra-structure Resources

Power Sources

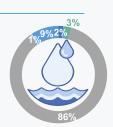
- Public network
- ■Private network
- ■Generator owned by the facility

 Alternative power supply
- Others



Water Sources

- Private network
- Public network
- Water tank
- Well owned by health facility



Communication Equipments



General Waste Disposal by Method

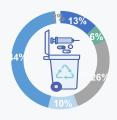
- Buried outside the fence of the facility

 Buried within the fence of the
- facility
- ■Burned
- Garbage Cans
- Others
- Thrown in the street



Medical Waste Disposal by Method

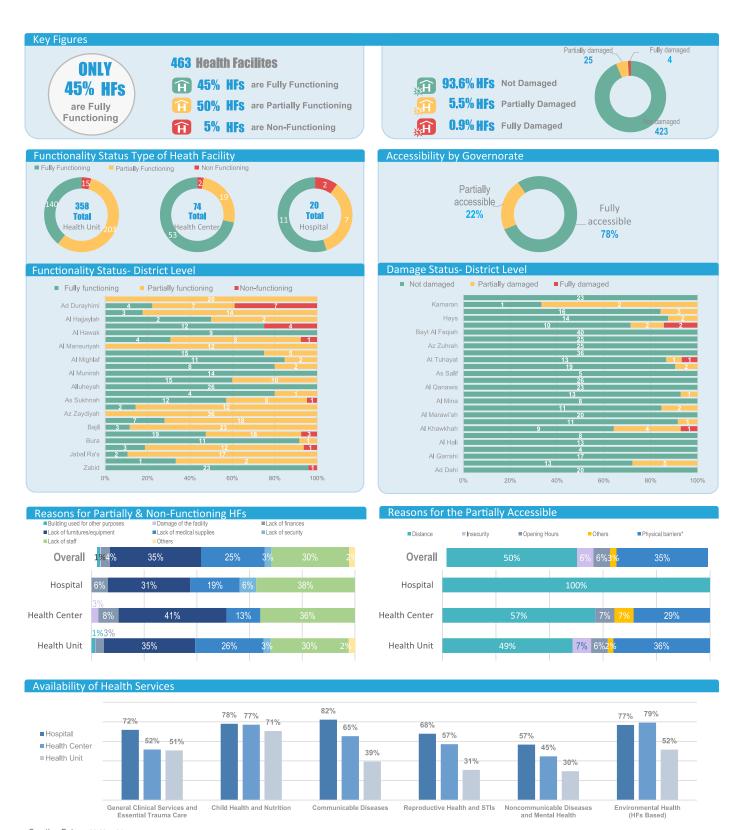
- ■Burned and buried outside the fence of the facility
- ■Burned and buried within the fence of the facility
- ■Burned in open air
- Garbage cans
- Medical incinerator
- ■Thrown in the street Others



- In the open
- No sewage system
- Other
- Pit
- ■Public network



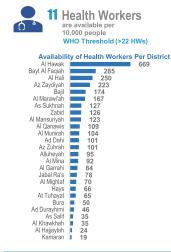
HeRAMS governorate profile 2020 - Al Hudaydah



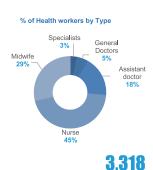
Creation Date: 29-Mar-21
Data source: Ministry of Public Health and Population



Human resources and Health Facilities Functions & Utilities

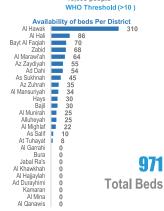






Total Health Workers

Beds are available per 10,000 people WHO Threshold (>10)









CEmOC are available per 500,000 people WHO Threshold (>=1)



24 Ambulances are the operat

Availability of Selected Infra-structure Resources

Power Sources

- Public network
- Private network ■Generator owned by the
- facility

 Alternative power supply
- Others



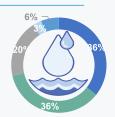
General Waste Disposal by Method

- ■Buried outside the fence of the facility
- ■Buried within the fence of the facility
- ■Burned
- Garbage Cans
- Others
- Thrown in the street



Water Sources

- Private network
- Public network
- Water tank
- Well owned by health facility



Medical Waste Disposal by Method

- ■Burned and buried outside the fence of the facility
- Burned and buried within the fence of the facility
- ■Burned in open air
- Garbage cans
- Medical incinerator
- ■Thrown in the street Others

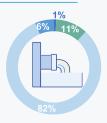


Communication Equipments

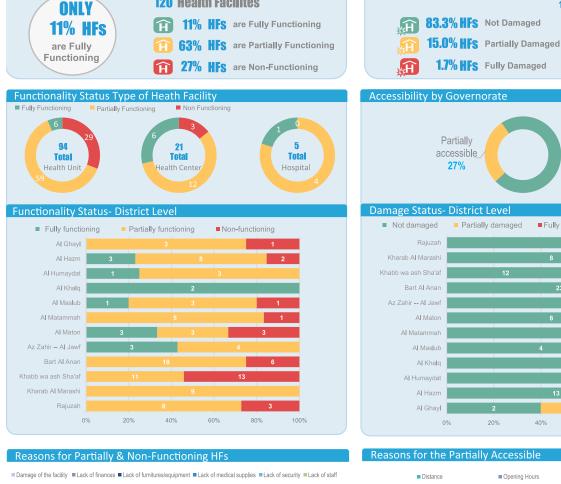
- Fax
- Internet
- Mobile phone
- Telephone



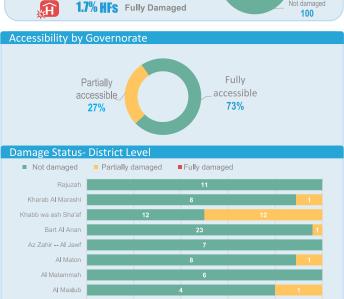
- In the open
- No sewage system
- Other
- Pit
- Public network



HeRAMS governorate profile 2020 - Al Jawf



120 Health Facilites

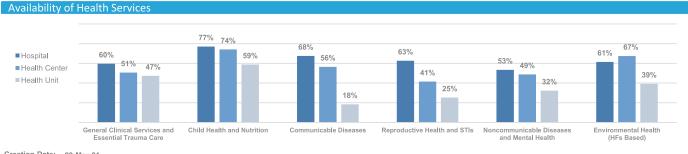


Partially damaged_

33% Overall Hospital Health Center Health Unit

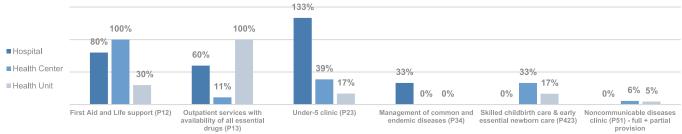


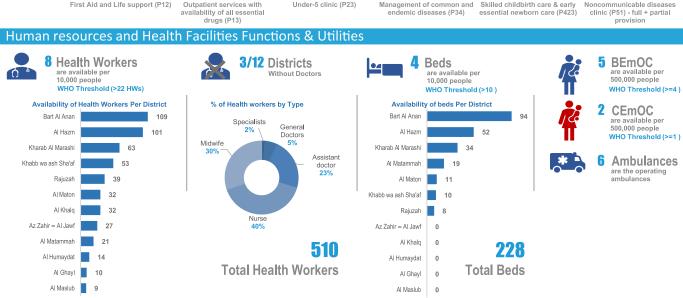
80%



29-Mar-21 Ministry of Public Health and Population Data source:

Key Figures



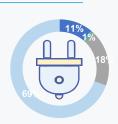


Availability of Selected Infra-structure Resources

Power Sources

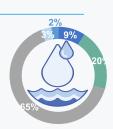
- ■Public network
 ■Private network
- ■Generator owned by the
- facility

 Alternative power supply
- Others



Water Sources

- Private network
- Public network
- Water tank
- Well owned by health facility



Communication Equipments

■Internet

■ Fax

■ Mobile phone

■ Telephone



General Waste Disposal by Method

- Buried outside the fence of the facilityBuried within the fence of the
- Buried within the fence of the facility
- ■Burned
- Garbage Cans
- Others
- Thrown in the street

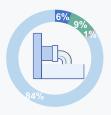


Medical Waste Disposal by Method

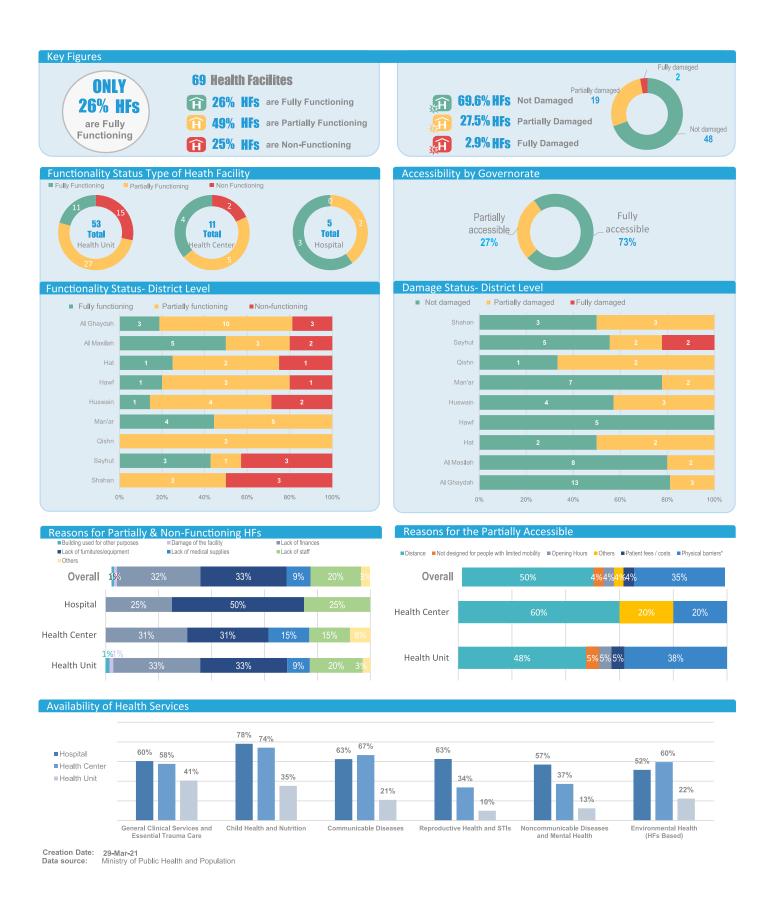
- ■Burned and buried outside the fence of the facility
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- ■Burned in open air
- Garbage cans
- Medical incinerator
- Thrown in the street
 Others

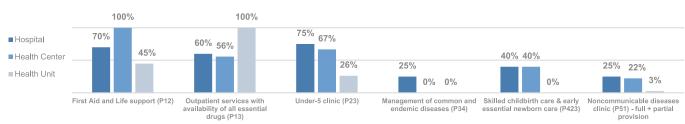


- In the open
- No sewage system
- Other
- Pit
- ■Public network

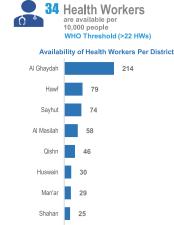


HeRAMS governorate profile 2020 - Al Maharrah





Human resources and Health Facilities Functions & Utilities







18 Beds are available per 10,000 people WHO Threshold (>10)





15 BEMOC are available per 500,000 people WHO Threshold (>=4)



6 CEMOC are available per 500,000 people WHO Threshold (>=1)



24 Ambulances
are the operating ambulances

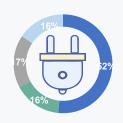
Availability of Selected Infra-structure Resources

Power Sources

■Public network

Hat 14

- Private network
- ■Generator owned by the facility
- Alternative power supply
- Others



General Waste Disposal by Method

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Water Sources

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- Public network
- Water tank
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Medical Waste Disposal by Method

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- Thrown in the street Others

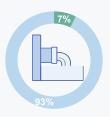


Communication Equipments

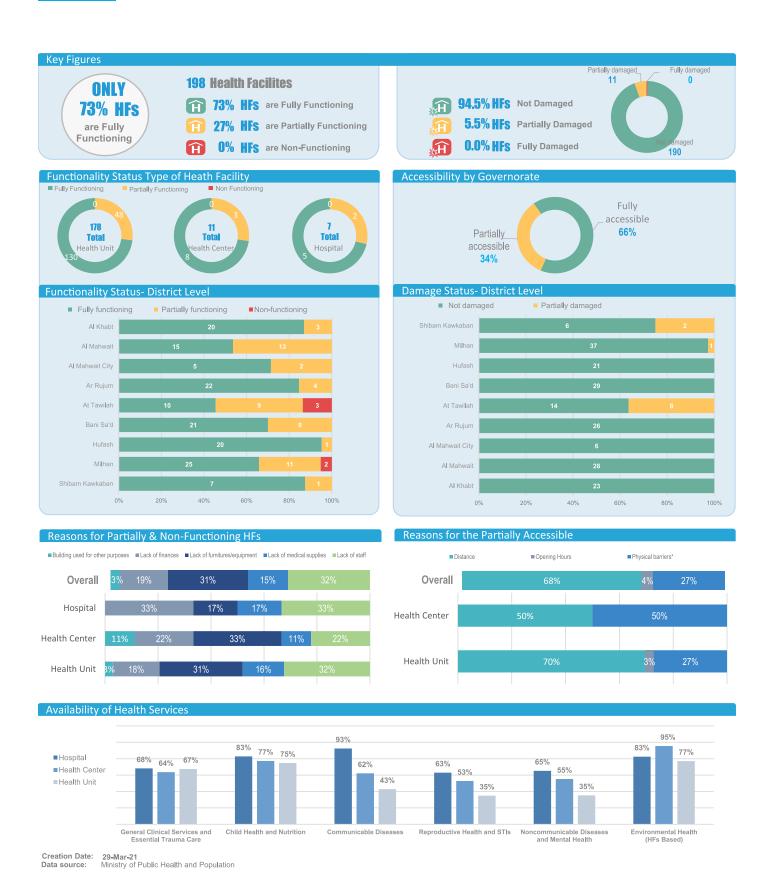
- ■Fax
- ■Internet
- Mobile phone
- Telephone



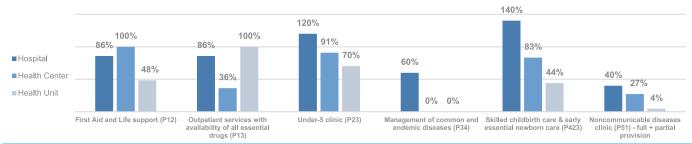
- ■In the open
- No sewage system
- Other
- Pit
- Public network



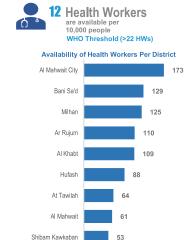
HeRAMS governorate profile 2020 - Al Mahwit



HeRAMS 24

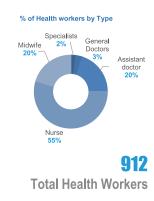


Human resources and Health Facilities Functions & Utilities





1/9 Districts









14 BEmOC are available per 500,000 people WHO Threshold (>=4)



2 CEmOC are available per 500,000 people WHO Threshold (>=1)



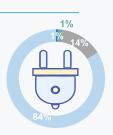
Ambulances

Availability of Selected Infra-structure Resources

Power Sources

- Public network
- Private network
- Generator owned by the facility

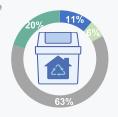
 Alternative power supply
- Others



General Waste Disposal by Method

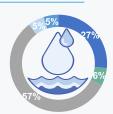
- ■Buried outside the fence of the
- facility

 Buried within the fence of the facility
- ■Burned
- Garbage Cans
- Others
- Thrown in the street



Water Sources

- ■Private network
- Public network
- Water tank
- Well owned by health facility



Medical Waste Disposal by Method

- ■Burned and buried outside the fence of the facility
- Burned and buried within the fence of the facility
- Burned in open air
- Garbage cans
- Medical incinerator
- ■Thrown in the street Others



Communication Equipments

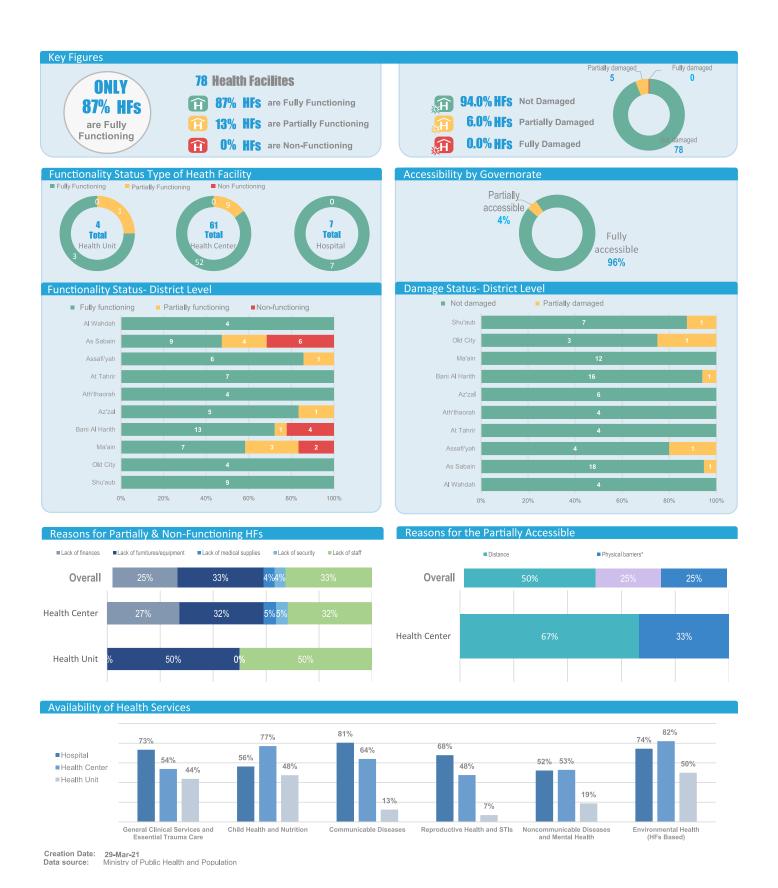
- Fax
- Internet
- Mobile phone
- Telephone



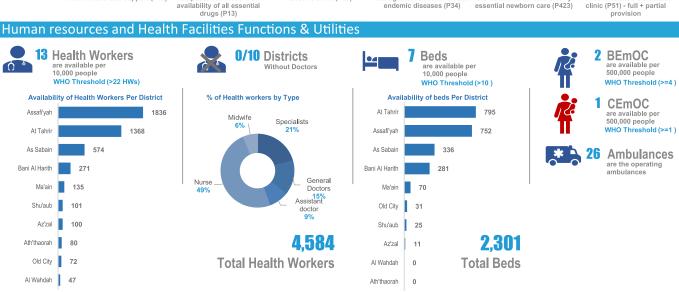
- In the open
- No sewage system
- Other
- Pit
- Public network



HeRAMS governorate profile 2020 - Amanat Al Asimah





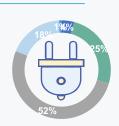


Availability of Selected Infra-structure Resources

Power Sources

- Public network
- ■Private network
- ■Generator owned by the facility

 Alternative power supply
- Others



Water Sources

- Private network
- Public network
- Water tank
- Well owned by health facility



Communication Equipments

■Internet

■ Fax

■ Mobile phone

Telephone



General Waste Disposal by Method

- Buried outside the fence of the facility
- Buried within the fence of the facility
- ■Burned
- Garbage Cans
- Others
- Thrown in the street



Medical Waste Disposal by Method

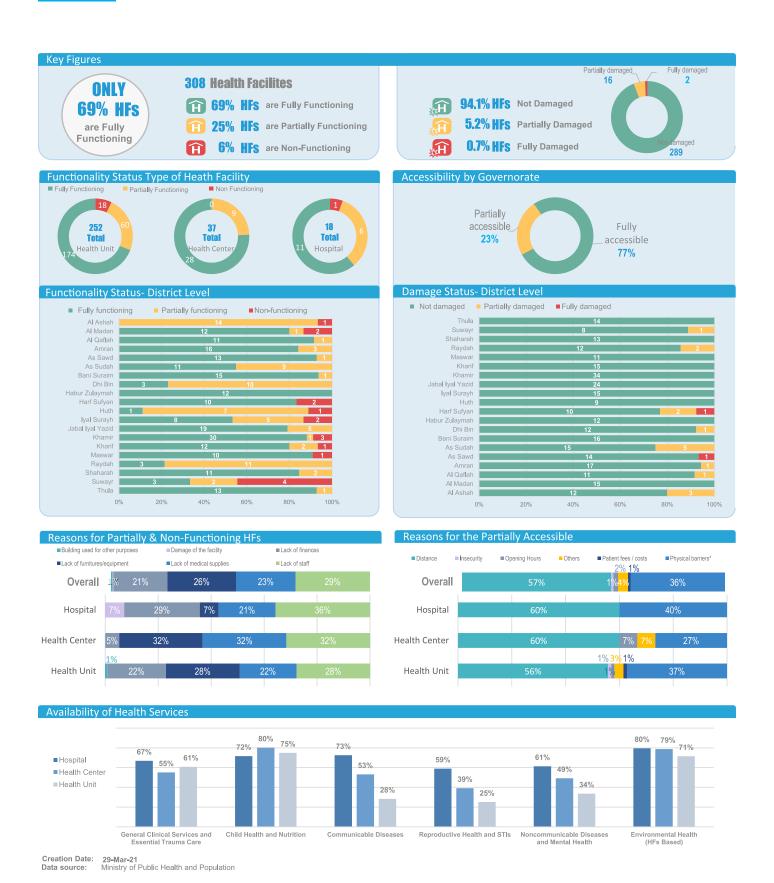
- Burned and buried outside the fence of the facility
- Burned and buried within the fence of the facility
- Burned in open air
- Garbage cans
- Medical incinerator
- Thrown in the street Others



- In the open
- No sewage system
- Other
- Pit
- Public network



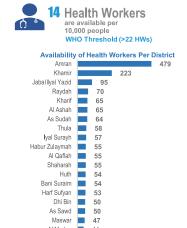
HeRAMS governorate profile 2020 - Amran



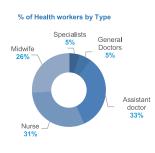
HeRAMS 28



Human resources and Health Facilities Functions & Utilities

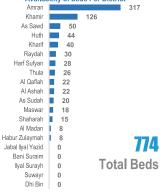






1.705 **Total Health Workers**

are available per 10,000 people WHO Threshold (>10) Availability of beds Per District 126 Khamir





are available per 500,000 people WHO Threshold (>=4)



CEmOC are available per 500,000 people WHO Threshold (>=1)



Ambulances

Availability of Selected Infra-structure Resources

Power Sources

■ Public network

Al Madan 4

- Private network
- ■Generator owned by the facility

 Alternative power supply
- Others



General Waste Disposal by Method

- ■Buried outside the fence of the
- facility

 Buried within the fence of the facility
- ■Burned
- Garbage Cans
- Thrown in the street



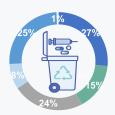
Water Sources

- Private network
- Public network
- Water tank
- Well owned by health facility



Medical Waste Disposal by Method

- ■Burned and buried outside the fence of the facility
- ■Burned and buried within the fence of the facility
- ■Burned in open air
- Garbage cans
- Medical incinerator
- ■Thrown in the street Others



Communication Equipments

■ Fax

■Internet

■ Mobile phone

Telephone



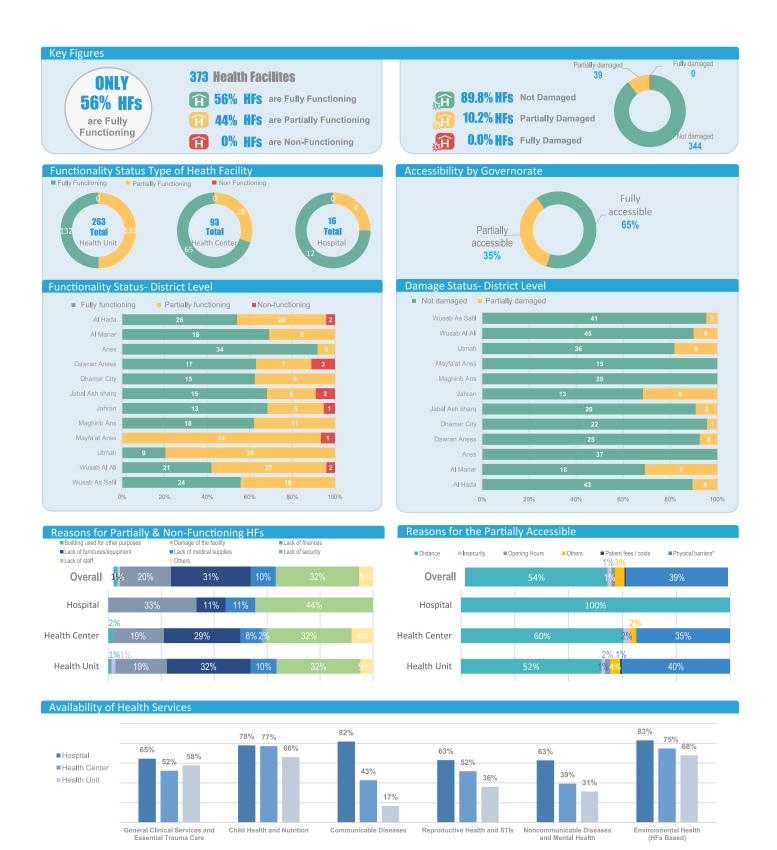
Sewage

■ In the open

- No sewage system
- Other
- Pit
- Public network



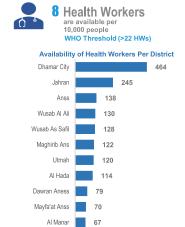
HeRAMS governorate profile 2020 - Dhammar

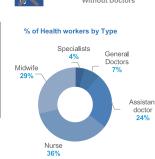


Creation Date: 29-Mar-21
Data source: Ministry of Public Health and Population



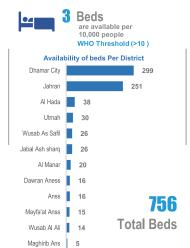
Human resources and Health Facilities Functions & Utilities





0/12 Districts

1,743 **Total Health Workers**





10 BEmOC are available per 500,000 people WHO Threshold (>=4)



2 CEmOC are available per 500,000 people WHO Threshold (>=1)



11 Ambulances are the operating ambulances

Availability of Selected Infra-structure Resources

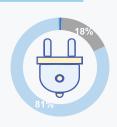
Power Sources

■Public network

Jabal Ash sharq

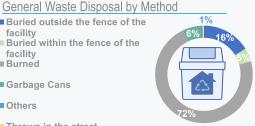
- Private network
- Generator owned by the facility

 Alternative power supply
- Others



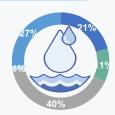
■Buried outside the fence of the

- facility
- Buried within the fence of the facility
- Burned
- Garbage Cans
- Others
- Thrown in the street



Water Sources

- Private network
- Public network
- Water tank
- Well owned by health facility



Medical Waste Disposal by Method

- Burned and buried outside the fence of the facility
- ■Burned and buried within the fence of the facility
- Burned in open air
- Garbage cans
- Medical incinerator
- Thrown in the street Others

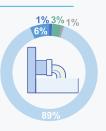


Communication Equipments

- ■Fax
- ■Internet
- Mobile phone
- Telephone

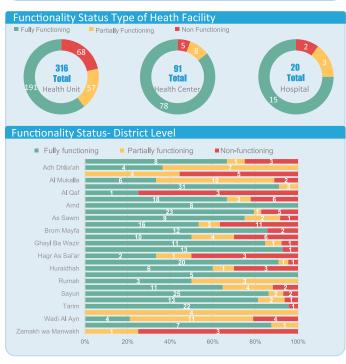


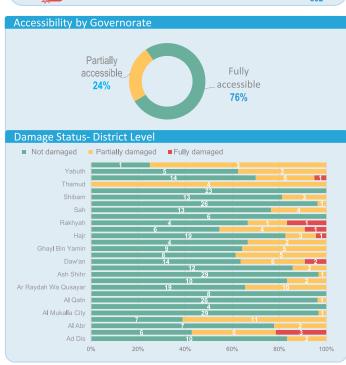
- In the open
- No sewage system
- Other
- Pit
- Public network

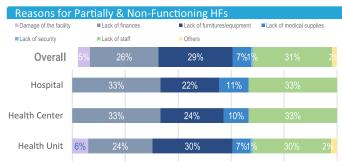


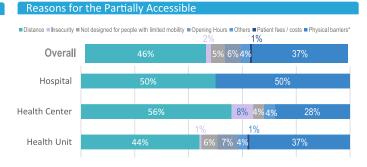
HeRAMS governorate profile 2020 - Hadramout

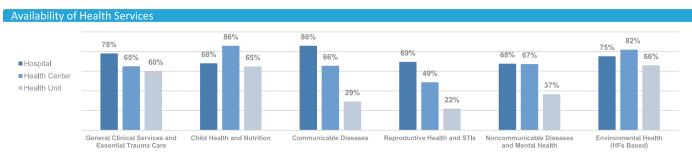




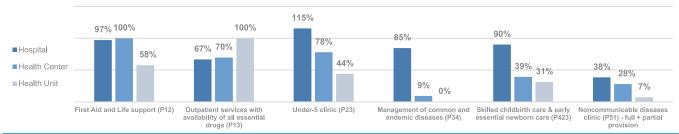




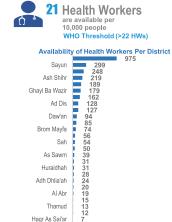




Creation Date: 29-Mar-21
Data source: Ministry of Public Health and Population



Human resources and Health Facilities Functions & Utilities

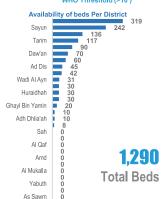






3,188Total Health Workers

9 Beds are available per 10,000 people WHO Threshold (>10)





12 BEMOC are available per 500,000 people WHO Threshold (>=4)



5 CEMOC are available per 500,000 people WHO Threshold (>=1)



52 Ambulances

are the operating ambulances

Availability of Selected Infra-structure Resources

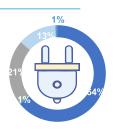
Power Sources

■ Public network

Al Qaf

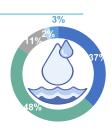
- Private network
- Generator owned by the
- facility

 Alternative power supply
- Others



Water Sources

- ■Private network
- ■Public network
- ■Water tank
- Well owned by health facility



Communication Equipments

- ■Fax
- ■Internet
- **■**Mobile phone
- ■Telephone



General Waste Disposal by Method

- Buried outside the fence of the facility
- facility

 Buried within the fence of the facility
- ■Burned
- Garbage Cans
- Others
- Thrown in the street

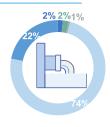
7%

Medical Waste Disposal by Method

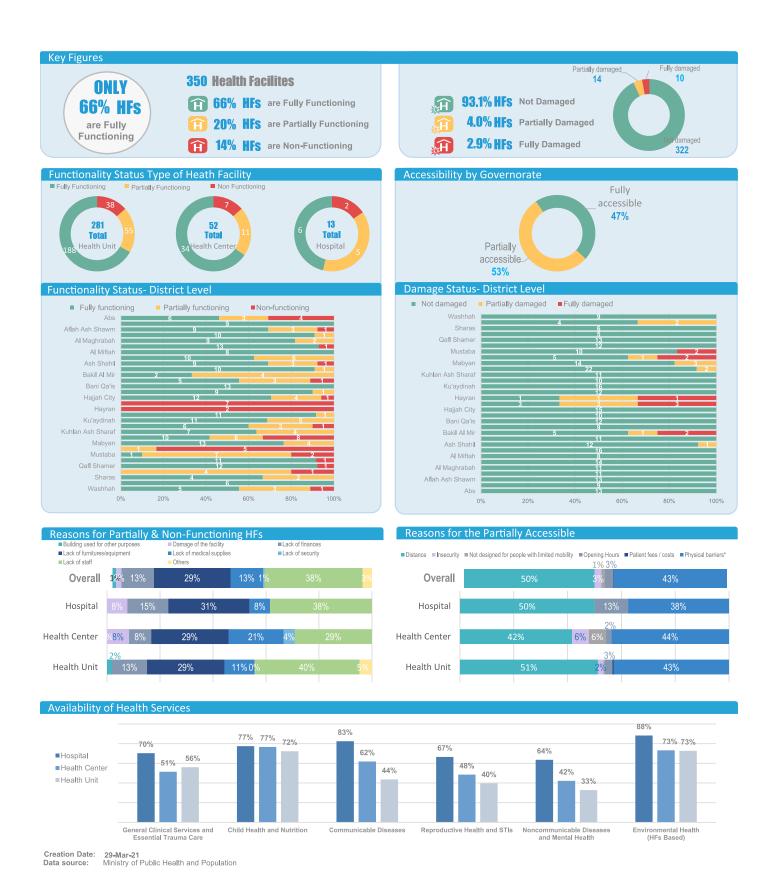
- ■Burned and buried outside the fence of the facility
- Burned and buried within the fence of the facility
- Burned in open air
- Garbage cans
- Medical incinerator
- Thrown in the street Others



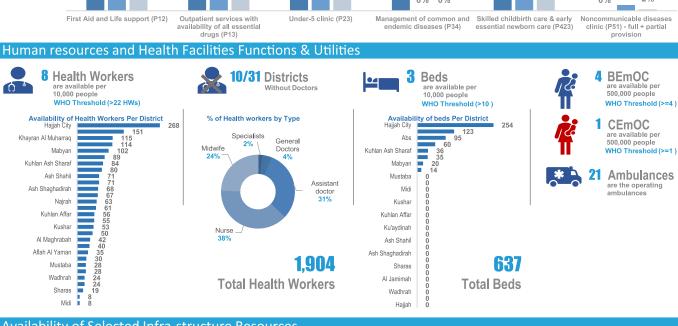
- ■In the open
- ■No sewage system
- Other
- Pit
- ■Public network



HeRAMS governorate profile 2020 - Hajjah



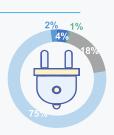




Availability of Selected Infra-structure Resources

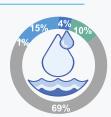
Power Sources

- Public network
- Private network
- ■Generator owned by the facility
- Alternative power supply
- Others



Water Sources

- Private network
- Public network
- Water tank
- Well owned by health facility



Communication Equipments

- Fax
- ■Internet
- Mobile phone
- Telephone



General Waste Disposal by Method

- ■Buried outside the fence of the facility

 Buried within the fence of the
- facility
- Burned
- Garbage Cans
- Others
- Thrown in the street

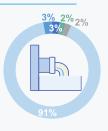


Medical Waste Disposal by Method

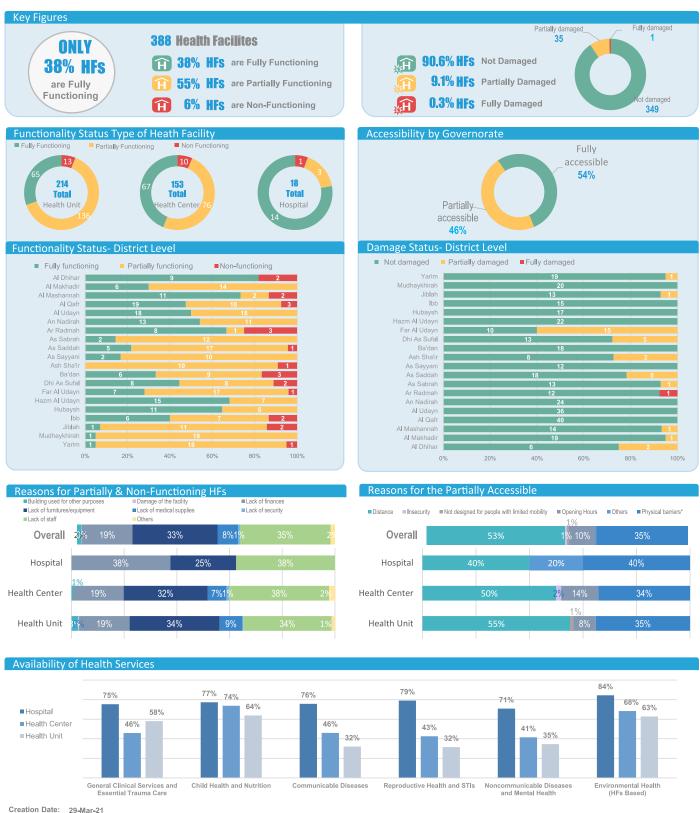
- Burned and buried outside the fence of the facility
- Burned and buried within the fence of the facility
- Burned in open air
- Garbage cans
- Medical incinerator
- Thrown in the street Others



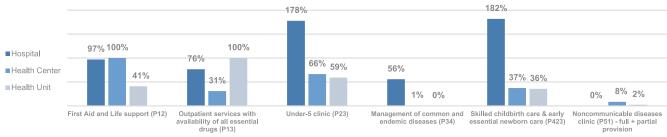
- ■In the open
- No sewage system
- Other
- Pit
- Public network



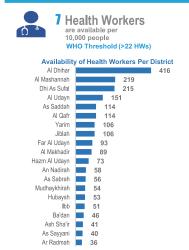
HeRAMS governorate profile 2020 - Ibb



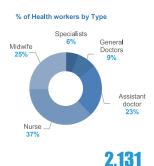
29-Mar-21 Ministry of Public Health and Population Data source:



Human resources and Health Facilities Functions & Utilities







Total Health Workers

4 Beds are available per 10,000 people WHO Threshold (>10) Availability of beds Per District Al Dhihar 240 Jiblah Al Mashannah 197 Dhi As Sufal 107 Al Udayn 96 Yarim 77 As Saddah 65 As Saddah Ba'dan Ar Radmah Far Al Udayn 30 40 Hazm Al Udayn Ash Sha'ir 20

Mudhaykhirah Al Qafr 10 Al Makhadir 1.169 Hubaysh Ibb **Total Beds** An Nadirah As Sabrah



8 BEmOC are available per 500,000 people WHO Threshold (>=4)



2 CEmOC are available per 500,000 people WHO Threshold (>=1)



24 Ambulances are the operati ambulances

Availability of Selected Infra-structure Resources

Power Sources

- ■Public network
- Private network
- ■Generator owned by the facility

 Alternative power supply
- Others



General Waste Disposal by Method

- Buried outside the fence of the facility
- Buried within the fence of the facility
- ■Burned

As Sayyani

- Garbage Cans
- Others
- Thrown in the street



Water Sources

- Private network
- Public network
- Water tank
- Well owned by health facility



Medical Waste Disposal by Method

- ■Burned and buried outside the fence of the facility
- ■Burned and buried within the fence of the facility
- ■Burned in open air
- Garbage cans
- Medical incinerator
- ■Thrown in the street Others



Communication Equipments

- ■Fax
- Internet
- Mobile phone
- Telephone

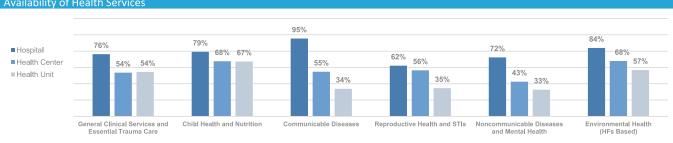


- In the open
- No sewage system
- **■** Other ■ Pit
- Public network

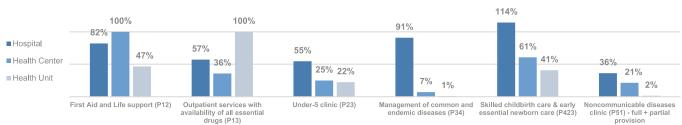


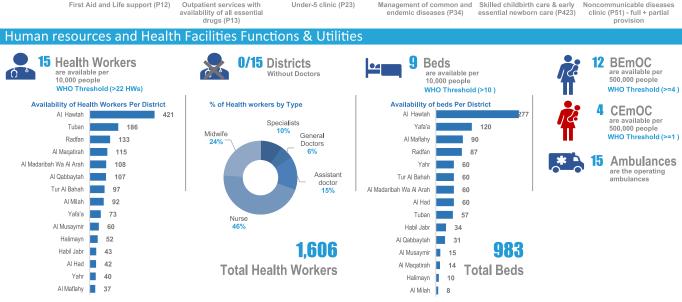
HeRAMS governorate profile 2020 - Lahj





Creation Date: Data source:



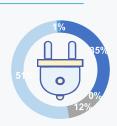


Availability of Selected Infra-structure Resources

Power Sources

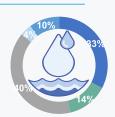
- Public network
- ■Private network
- ■Generator owned by the facility

 Alternative power supply
- Others



Water Sources

- Private network
- Public network
- Water tank
- Well owned by health facility



Communication Equipments

■ Fax

■ Internet

■ Mobile phone

■ Telephone



General Waste Disposal by Method

- Buried outside the fence of the facility
- Buried within the fence of the facility
- ■Burned
- Garbage Cans
- Others
- Thrown in the street



Medical Waste Disposal by Method

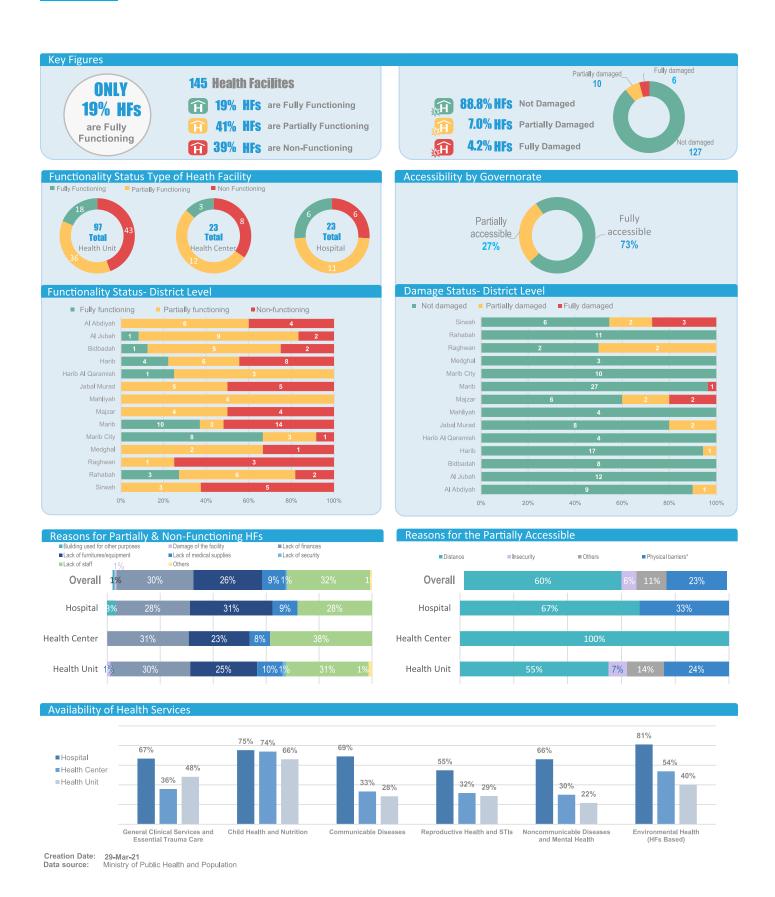
- Burned and buried outside the fence of the facility
- Burned and buried within the fence of the facility
- Burned in open air
- Garbage cans
- Medical incinerator
- Thrown in the street Others



- In the open
- No sewage system
- Other
- Pit
- Public network

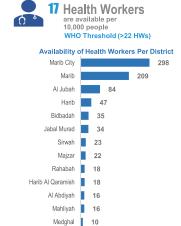


HeRAMS governorate profile 2020 - Marib

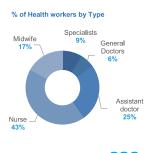




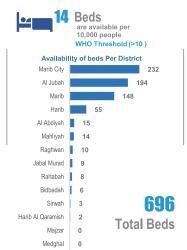
Human resources and Health Facilities Functions & Utilities







838 **Total Health Workers**





13 BEmOC are available per 500,000 people WHO Threshold (>=4)



CEmOC are available per 500,000 people WHO Threshold (>=1)



Ambulances are the operati ambulances

Availability of Selected Infra-structure Resources

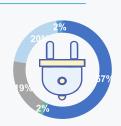
Power Sources

- Public network
- ■Private network
- ■Generator owned by the facility

 Alternative power supply

Raghwan 8

- Others



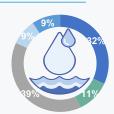
General Waste Disposal by Method

- Buried outside the fence of the facility
- Buried within the fence of the facility
- ■Burned
- Garbage Cans
- Others
- Thrown in the street



Water Sources

- Private network
- Public network
- Water tank
- Well owned by health facility



Medical Waste Disposal by Method

- Burned and buried outside the fence of the facility
- Burned and buried within the fence of the facility
- Burned in open air
- Garbage cans
- Medical incinerator
- Thrown in the street Others



Communication Equipments



■ Internet

■ Mobile phone

■ Telephone



Sewage

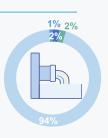
■ In the open

■ No sewage system

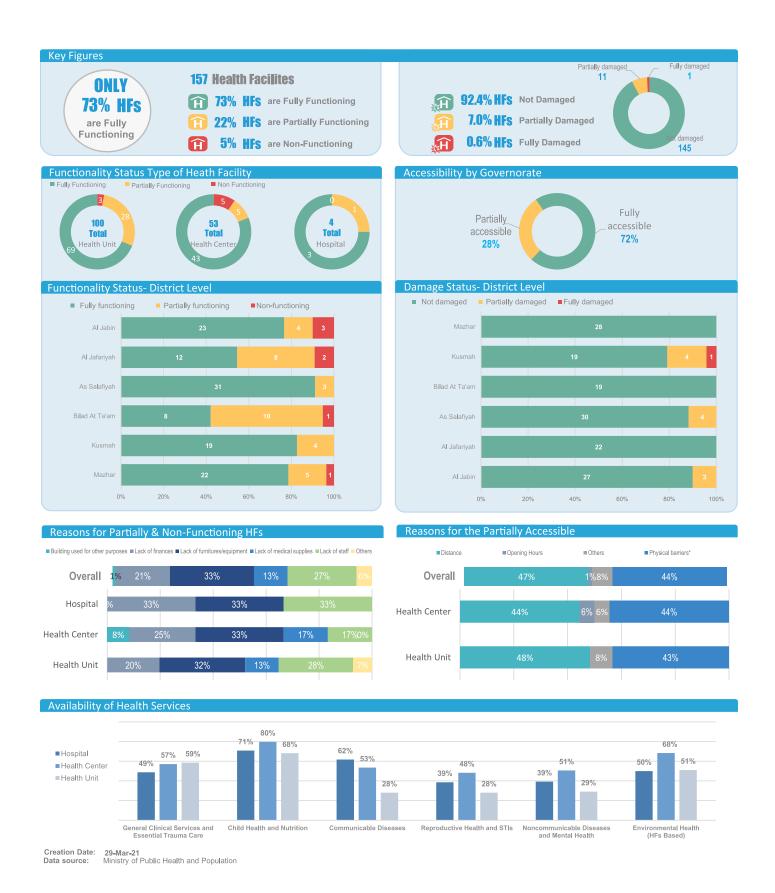
■ Other

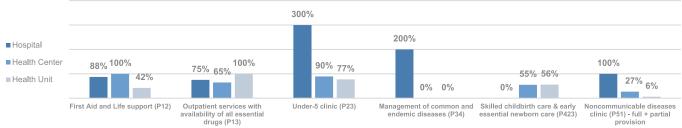
■ Pit

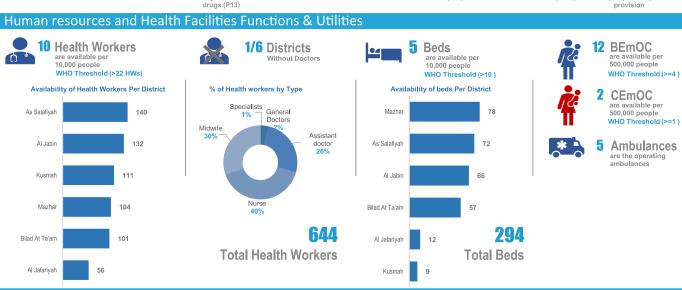
■ Public network



HeRAMS governorate profile 2020 - Raymah





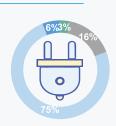


Availability of Selected Infra-structure Resources

Power Sources

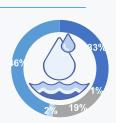
- ■Public network
 ■Private network
- ■Generator owned by the
- facility

 Alternative power supply
- Others



Water Sources

- Private network
- Public network
- Water tank
- Well owned by health facility



Communication Equipments

- ■Fax
- ■Internet
- Mobile phone
- Telephone



General Waste Disposal by Method

- Buried outside the fence of the facility
- Buried within the fence of the facility
- Burned
- Garbage Cans
- Others
- Thrown in the street



Medical Waste Disposal by Method

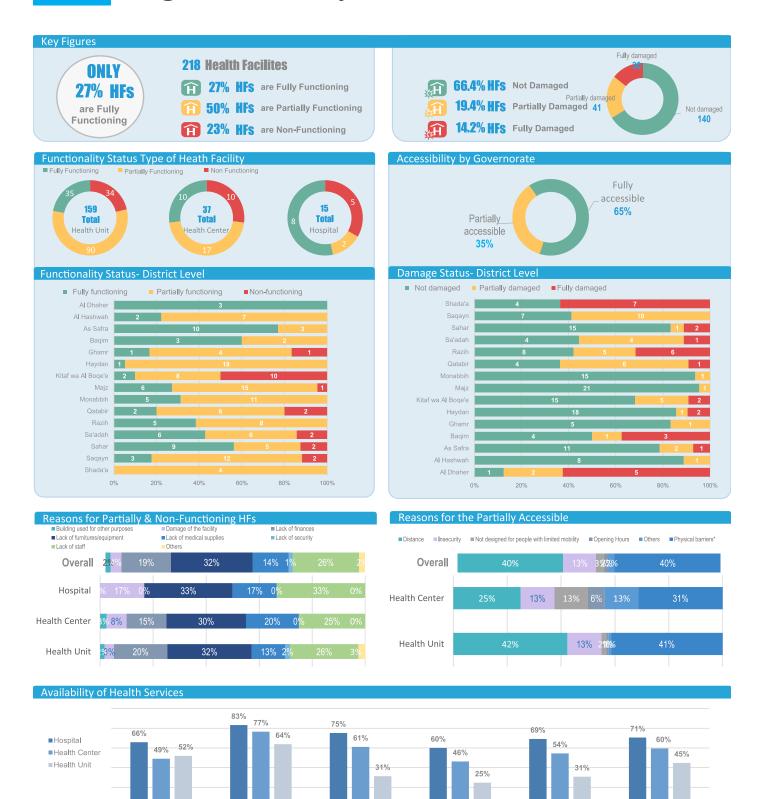
- Burned and buried outside the fence of the facility
- Burned and buried within the fence of the facility
- Burned in open air
- Garbage cans
- Medical incinerator
- Thrown in the street Others



- ■In the open
- ■No sewage system
- Other
- Pit
- Public network



HeRAMS governorate profile 2020 - Sa'adah



Creation Date: 29-Mar-21

Ministry of Public Health and Population Data source:

General Clinical Services and Essential Trauma Care

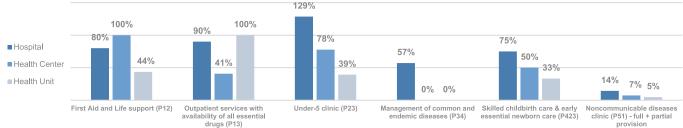
Child Health and Nutrition

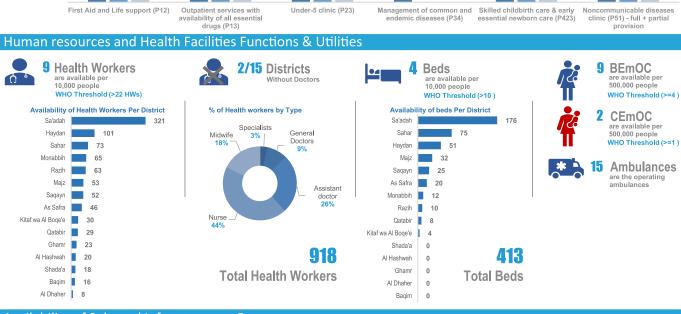
Communicable Diseases

Reproductive Health and STIs

Noncommunicable Diseases and Mental Health

Environmental Health (HFs Based)



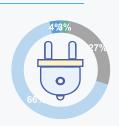


Availability of Selected Infra-structure Resources

Power Sources

- Public network
- ■Private network
- ■Generator owned by the facility

 Alternative power supply
- Others



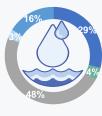
Water Sources

- Private network
- Public network
- Water tank
- Well owned by health facility



Communication Equipments

- Fax
- Internet
- Mobile phone
- Telephone



General Waste Disposal by Method

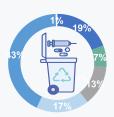
- ■Buried outside the fence of the facility

 Buried within the fence of the
- facility
- Burned
- Garbage Cans
- Others
- Thrown in the street



Medical Waste Disposal by Method

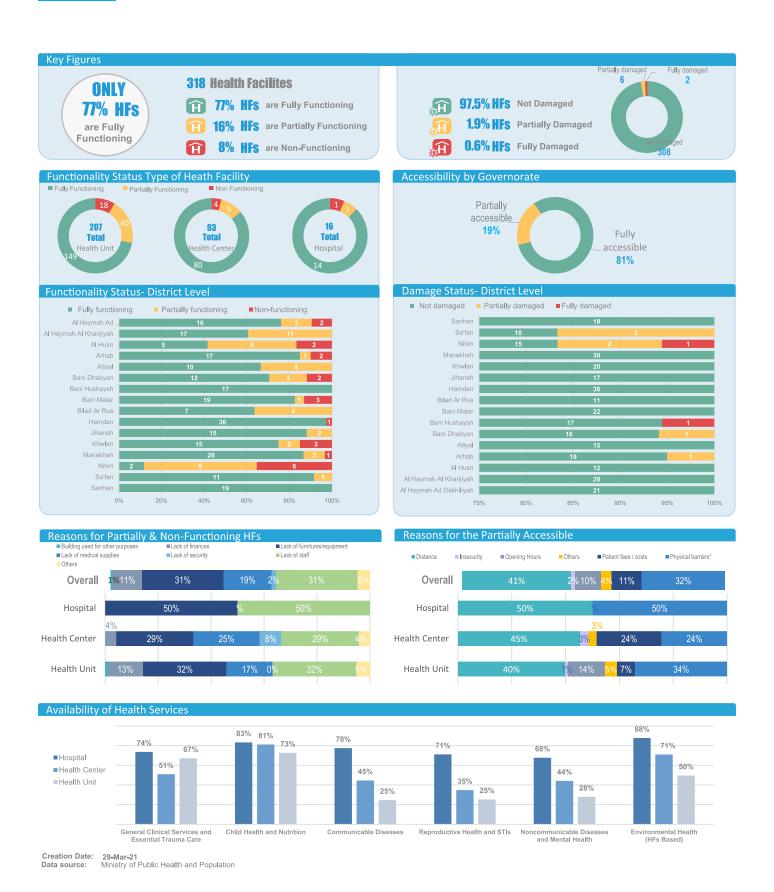
- Burned and buried outside the fence of the facility
- Burned and buried within the fence of the facility
- Burned in open air
- Garbage cans
- Medical incinerator
- Thrown in the street Others

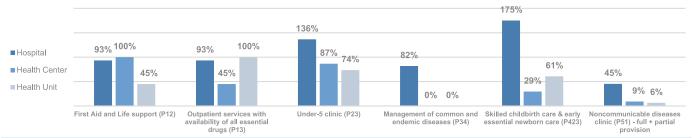


- In the open
- No sewage system
- Other
- Pit
- Public network



HeRAMS governorate profile 2020 - Sana'a





Human resources and Health Facilities Functions & Utilities



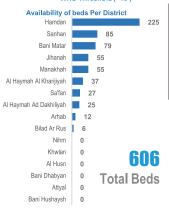


3/16 Districts



1.806 **Total Health Workers**

are available per 10,000 people WHO Threshold (>10) Availability of beds Per District





10 BEmOC are available per 500,000 people WHO Threshold (>=4)



3 **CEmOC** are available per 500,000 people WHO Threshold (>=1)



Ambulances

Availability of Selected Infra-structure Resources

Power Sources

- ■Public network
- ■Private network
- ■Generator owned by the facility

 Alternative power supply

Al Husn

Nihm 36

41

- Others



General Waste Disposal by Method

- ■Buried outside the fence of the facility
- ■Buried within the fence of the facility
- ■Burned
- Garbage Cans
- Others
- Thrown in the street



Water Sources

- Private network
- Public network
- Water tank
- Well owned by health facility



Medical Waste Disposal by Method

- ■Burned and buried outside the fence of the facility
- ■Burned and buried within the fence of the facility
- ■Burned in open air
- Garbage cans
- Medical incinerator
- ■Thrown in the street Others



Communication Equipments

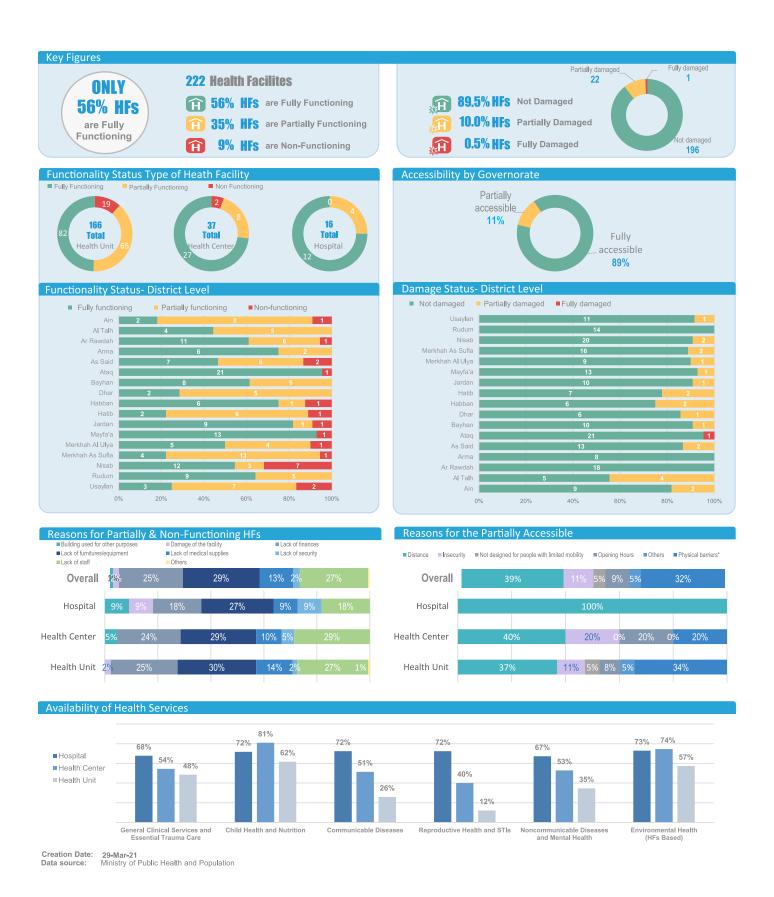
- Fax
- Internet
- Mobile phone
- Telephone

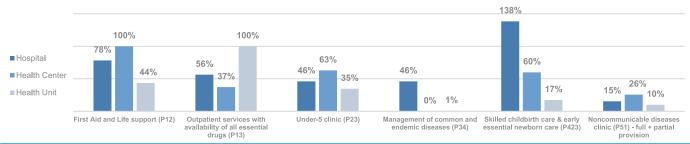


- In the open
- No sewage system
- Other
- Pit
- Public network

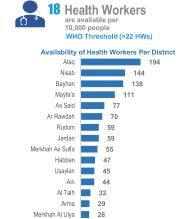


HeRAMS governorate profile 2020 - Shawbah

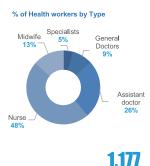




Human resources and Health Facilities Functions & Utilities







Total Health Workers

As Said 98 Bayhan 86 Mayfa'a 60 Habban 48 Usaylan Arma Ar Rawdah Ain Nisab Rudum 18 Merkhah As Sufla Al Talh **592** Dhar Merkhah Al Ulva 0 **Total Beds** Jardan 0

Ataq

9 Beds are available per 10,000 people WHO Threshold (>10) Availability of beds Per District



17 BEMOC are available per 500,000 people WHO Threshold (>=4)

8 CEMOC
are available per
500,000 people
WHO Threshold (>=1)



27 Ambulances
are the operating ambulances

Availability of Selected Infra-structure Resources

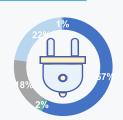
Power Sources

- ■Public network
 ■Private network
- ■Generator owned by the
- facility

 Alternative power supply

Dhar 19

Others



General Waste Disposal by Method

- Buried outside the fence of the facility
- Buried within the fence of the facility
- ■Burned

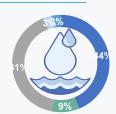
Hatib 0

- Garbage Cans
- Others
- Thrown in the street



Water Sources

- Private network
- Public network
- Water tank
- Well owned by health facility



Medical Waste Disposal by Method

- Burned and buried outside the fence of the facility
- Burned and buried within the fence of the facility
- Burned in open air
- Garbage cans
- Medical incinerator
- Thrown in the street Others



Communication Equipments

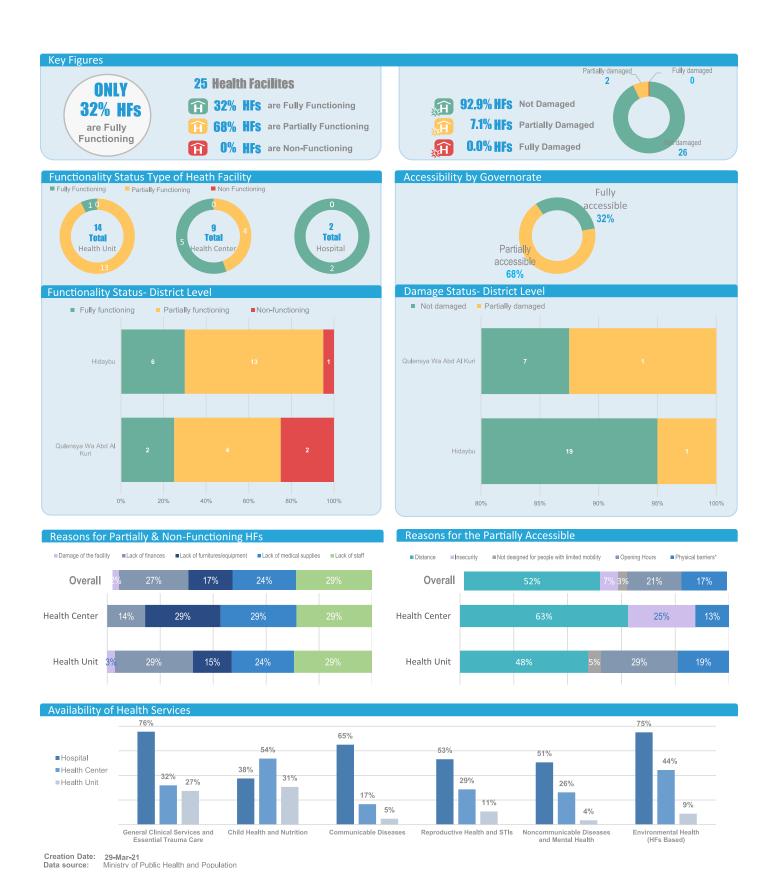
- Fax
- ■Internet
- Mobile phone
- Telephone



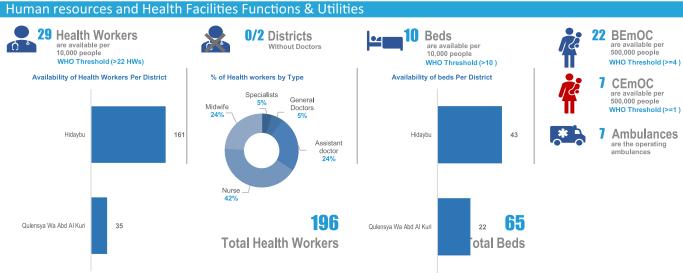
- In the open
- No sewage system
- Other
- Pit
- Public network



HeRAMS governorate profile 2020 - Socotra





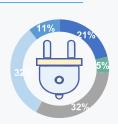


Availability of Selected Infra-structure Resources

Power Sources

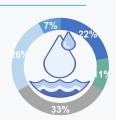
- Public network ■Private network
- ■Generator owned by the
- facility

 Alternative power supply
- Others



Water Sources

- ■Private network
- Public network
- Water tank
- Well owned by health facility



Communication Equipments

■ Fax ■Internet ■ Mobile phone Telephone

General Waste Disposal by Method

- ■Buried outside the fence of the facility

 Buried within the fence of the
- facility
- ■Burned
- Garbage Cans
- Others
- Thrown in the street



Medical Waste Disposal by Method

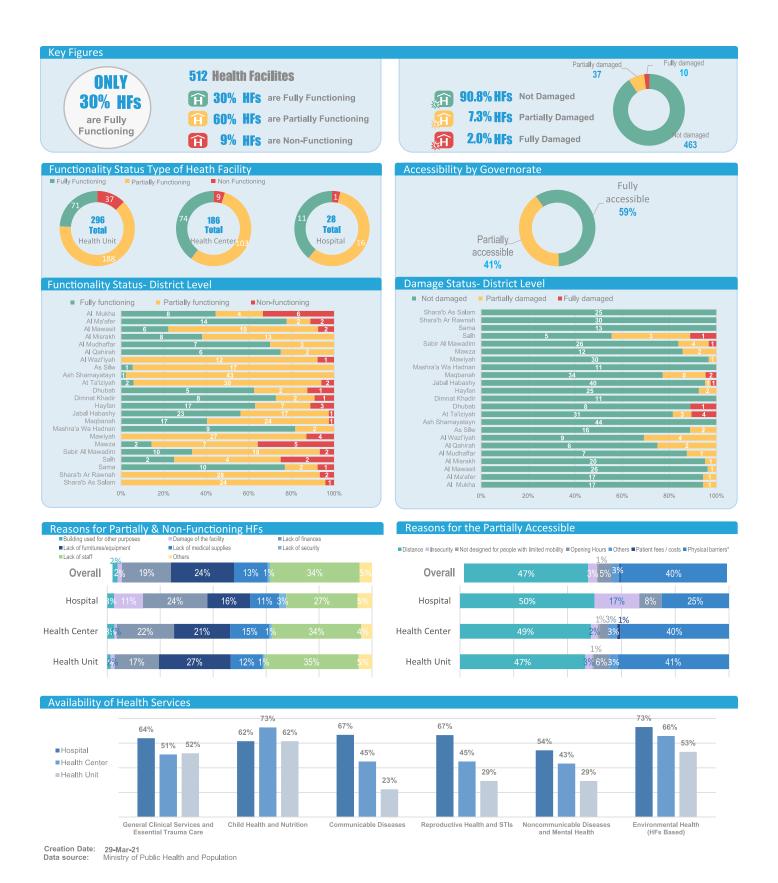
- Burned and buried outside the fence of the facility
- Burned and buried within the fence of the facility
- Burned in open air
- Garbage cans
- Medical incinerator
- ■Thrown in the street Others

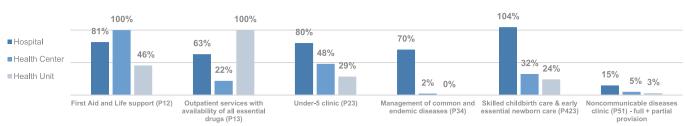


- In the open
- No sewage system
- Other
- Pit
- Public network

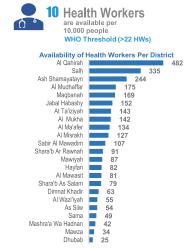


HeRAMS governorate profile 2020 - Taiz

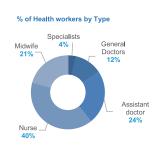




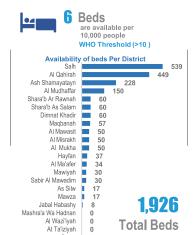
Human resources and Health Facilities Functions & Utilities







2.952 **Total Health Workers**





12 BEMOC are available per 500,000 people WHO Threshold (>=4)



3 **CEmOC** are available per 500,000 people WHO Threshold (>=1)



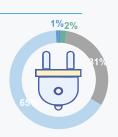
Ambulances are the operati ambulances

Availability of Selected Infra-structure Resources

Power Sources

- Public network
- ■Private network
- ■Generator owned by the facility

 Alternative power supply
- Others



General Waste Disposal by Method

- ■Buried outside the fence of the facility

 Buried within the fence of the
- facility
- ■Burned
- Garbage Cans

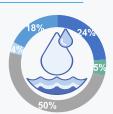
Dhubab

- Others
- Thrown in the street



Water Sources

- Private network
- Public network
- Water tank
- Well owned by health facility



Medical Waste Disposal by Method

- ■Burned and buried outside the fence of the facility
- ■Burned and buried within the fence of the facility
- ■Burned in open air
- Garbage cans
- Medical incinerator
- ■Thrown in the street Others



Communication Equipments

- Fax
- Internet
- Mobile phone
- Telephone



- In the open
- No sewage system
- Other
- Pit
- Public network

