Operational Status of the Health System

A comprehensive mapping of the operational status of health facilities

September 2022
HeRAMS Cox’s Bazar Baseline Report 2022

Operational status of the health system

A comprehensive mapping of the operational status of health facilities

September 2022
CONTRIBUTORS
## Acronyms

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>HC</td>
<td>Health Cluster</td>
</tr>
<tr>
<td>HeRAMS</td>
<td>Health Resources and Services Availability Monitoring System</td>
</tr>
<tr>
<td>NGO</td>
<td>Nongovernmental organization</td>
</tr>
<tr>
<td>PHC</td>
<td>Primary health center</td>
</tr>
<tr>
<td>Sec. HF</td>
<td>Secondary Health Facility</td>
</tr>
<tr>
<td>UN</td>
<td>United Nations</td>
</tr>
<tr>
<td>WHO</td>
<td>World Health Organization</td>
</tr>
</tbody>
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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 requiring 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 (NGOs), 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.

HeRAMS has been deployed in Cox’s Bazar since July 2022 and has allowed for the assessment of 137 health facilities across the country, against 142 health facilities targeted.

This analysis was produced based on the data collected up to September 18th 2022 and while the deployment of HeRAMS, including data verification and validation, continue. Hence, this analysis is not final and is produced solely for the purposes of informing operations.

This is the first report of the HeRAMS Cox’s Bazar Baseline Report 2022 series focusing on the operational status of health facilities, level and type of support provided by partners, and availability of basic amenities. For more in-depth information on the availability of essential health services and main barriers impeding service delivery, specialized reports are available on essential clinical and trauma care services, child health and nutrition services, communicable disease services, sexual and reproductive health services, and non-communicable disease and mental health services.

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.

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HOW TO READ THE CHARTS AND THE MAPS

Indicator status

Arc charts
For each indicator, an arc chart provides an overview of the overall status (i.e. functionality, availability, sufficiency, etc.), hereafter referred to as "availability". The total number of health facilities included in the analysis of an indicator is shown inside the arc chart. It is important to note that the total number of health facilities included in the analysis of an indicator can vary due to the exclusion of non-operational and non-reporting health facilities from subsequent analyses (see page 5 for details).

The status of an indicator is further broken down by region and or type of health facility.

Column charts
Column charts display the status of an indicator by camp. The number of health facilities in a camp is shown below the camp's name.

Donut charts
Each donut chart represents a type of health facility. The percentage of health facilities for which the indicators was available or partially available is shown inside the donut while the total number of health facilities included is shown at the bottom of the chart, below the health facility type name. If an indicator was not available in any health facility, the number inside the chart will display the percentage of health facilities for which the indicator was partially or not available.

Maps
In contrast to charts and to highlight areas not reporting as well as the impact of non-operational health facilities, maps depict all health facilities included in the HeRAMS assessment. Each circle corresponds to the cumulative number of health facilities in a camp and may be divided in up to four smaller circles with the smallest circle indicating the proportion of health facilities assessed for the selected indicator. By default, the color of the innermost circle represents the percentage of health facilities for which the indicator is fully available. If an indicator is not expected or not applicable in some health facilities, a grey circle indicates the percentage of health facilities excluded from the analysis. Any deviation from this is clearly stated in the map legend. Non-reporting and non-operational health facilities are depicted in distinct colors and form two outer circle around the evaluated health facilities.

In the example shown on the right, the cumulative size of the circles corresponds to 15 health facilities. The smallest circle indicates the proportion of operational health facilities where the indicator is applicable (1) followed by the proportion of health facilities evaluated but where the indicator is not applicable (4). The two lighter shades of grey indicate the proportion of non-operational (5) and non-reporting (5) health facilities.
Reasons of unavailability

If an indicator was not or only partially available, main reasons of unavailability (i.e. causes of damage, reasons for non-functionality, etc.) were collected. Similarly, indicators assessing availability and sufficiency of basic amenities may have a sub-question gathering additional information on the type of amenity available. Alike reasons of unavailability, types of amenities are only evaluated if the amenity was at least partially available. For simplicity reasons, causes of damage, non-functionality and inaccessibility, reasons of unavailability, types of basic amenities, and type of support provided by partners are hereafter commonly referred to as "reasons".

Donut charts

Each donut chart indicates the percentage of health facilities having reported a given reason. The total number of health facilities reporting at least one reasons is shown below the chart header.

Bar chart

Bar charts depicting reasons follow the same logic as donut charts and exclude health facilities where the indicator was fully available. The number of health facilities reporting at least one reason is displayed below the region’s name.

Important: The denominators for reasons charts exclude health facilities where the indicator was fully available or in the case of basic amenities not available. It should further be noted that health facilities could report up to three reasons for each indicator. Thus, the sum of all reasons may exceed 100%.
Overview of Health Facilities Assessed

Summary of health facilities assessed

142 Health facilities targeted

137 Health facilities assessed

- Building damage
  - 4 Closed
  - 1 Not reporting

- Equipment damage
  - 9 Partially damaged
  - 3 Not relevant
  - 6 Partially damaged
  - 1 Fully damaged

- Functionality
  - 3 Partially functional

- Accessibility
  - 2 Partially accessible

137 Operational health facilities (out of the assessed health facilities)

100%
Building condition

Overall

- Not damaged: 91%
- Partially damaged: 6%
- Not assessed: 3%
- Unknown: 1%
- Total: 138

Buildings by health facility type:

- Sec. HF (n=3)
  - Not damaged: 100%
- PHC (n=46)
  - Not damaged: 85%
  - Partially damaged: 5%
- Health Post (n=85)
  - Not damaged: 94%
  - Partially damaged: 5%
- Other (n=4)
  - Not damaged: 75%
  - Partially damaged: 25%

Main cause of damage (n=9):

- Lack of maintenance: 67%
- Natural disaster: 56%
- Other: 33%
### Operational Status of the Health System

#### Building condition by camp

**Teknaf**

<table>
<thead>
<tr>
<th>Camp</th>
<th>Not damaged</th>
<th>Partially damage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Camp 27</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Camp 26</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Camp 25</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Camp 24</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Camp 22</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Camp 21</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Nayapara RC</td>
<td>100%</td>
<td></td>
</tr>
</tbody>
</table>

#### Main cause of damage by camp

**Nayapara RC**

- Natural disaster: 100%
- Lack of maintenance: 75%
- Other: 25%

---

### Building condition by camp

**Ukhia**

<table>
<thead>
<tr>
<th>Camp</th>
<th>Not damaged</th>
<th>Partially damage</th>
<th>Not relevant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Camp 13</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 11</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 15</td>
<td>86%</td>
<td>14%</td>
<td></td>
</tr>
<tr>
<td>Camp 12</td>
<td>83%</td>
<td>17%</td>
<td></td>
</tr>
<tr>
<td>Camp 6W</td>
<td>75%</td>
<td>25%</td>
<td></td>
</tr>
<tr>
<td>Camp 5</td>
<td>75%</td>
<td>25%</td>
<td></td>
</tr>
<tr>
<td>Camp 19</td>
<td>75%</td>
<td>25%</td>
<td></td>
</tr>
<tr>
<td>Camp 2E</td>
<td>50%</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>Kutupalong RC</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Main cause of damage by camp

- Rubber Garden: 100%
- Near of Camp 16: 100%
- Kutupalong Highway: 100%
- Camp 9: 100%
- Camp 8E: 100%
- Camp 7: 100%
- Camp 6: 100%
- Camp 4 Extension: 100%

---

1. Chart excludes health facilities where the building condition is unknown.
**Functionality**

Overall

138

- Fully functioning: 97%
- Partially functioning: 3%
- Unknown: 4%

**Main cause of dysfunctionality**

- Lack of equipment: 100%
- Lack of finances: 100%
- Lack of staff: 67%
- Damage of the health facility: 33%

**Functionality by health facility type**

- Sec. HF (n=3): 100%
- PHC (n=46): 98%
- Health Post (n=85): 98%
- Other (n=4): 75%

**Number of health facilities**

- Fully functioning: 100%
- Partially functioning: 20%
- Unknown: 20%

**Map of health facilities**
Operational Status of the Health System

Main cause of dysfunctionality by camp

- **Not relevant**

### Teknaf

#### Functionality by camp

- **Fully functioning**
  - Nayapara RC (n=2): 100%
  - Camp 27 (n=2): 100%
  - Camp 26 (n=4): 100%
  - Camp 25 (n=2): 100%
  - Camp 24 (n=2): 100%
  - Camp 22 (n=5): 100%
  - Camp 21 (n=4): 100%

#### Main cause of dysfunctionality by camp

- **Lack of equipment**
- **Lack of finances**
- **Lack of staff**
- **Damage of the health facility**

### Ukhia

#### Functionality by camp

- **Fully functioning**
  - Camp 18 (n=4): 100%
  - Camp 16 (n=6): 100%
  - Camp 14 (n=6): 100%
  - Camp 12 (n=6): 100%
  - Camp 11 (n=6): 100%
  - Camp 10 (n=3): 100%
  - Camp 15 (n=8): 88%
  - Camp 17 (n=2): 80%
  - Camp 5 (n=4): 75%

#### Main cause of dysfunctionality by camp

- **Lack of equipment**
- **Lack of finances**
- **Lack of staff**
- **Damage of the health facility**

---

1 Chart excludes health facilities where the service is not normally provided or availability is unknown.
Accessibility by health facility type:

- **Sec. HF** (n=3): 100%
- **PHC** (n=46): 96% (4% unknown)
- **Health Post** (n=85): 99% (1% unknown)
- **Other** (n=4): 100%

Main cause of inaccessibility (n = 2):
- Physical barriers: 50%
- Other: 50%
**Operational Status of the Health System**

### Teknaf

#### Accessibility by camp

<table>
<thead>
<tr>
<th>Camp</th>
<th>Fully accessible</th>
<th>Partially accessible</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nayapara RC (n=2)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 27 (n=2)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 26 (n=4)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 25 (n=2)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 24 (n=2)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 22 (n=5)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 21 (n=3)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Main cause of inaccessibility by camp

- Not relevant

---

### Ukhia

#### Accessibility by camp

<table>
<thead>
<tr>
<th>Camp</th>
<th>Fully accessible</th>
<th>Partially accessible</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Camp 19 (n=4)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 18 (n=4)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 17 (n=5)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 16 (n=6)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 15 (n=8)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 14 (n=6)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 12 (n=6)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 10 (n=3)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 11 (n=6)</td>
<td>67% 33%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Main cause of inaccessibility by camp

- Camp 11 (n=2)

---

*Chart excludes health facilities where the service is not normally provided or availability is unknown.*
**Partner Support**

- **Overall**: 138
  - Major support: 77%
  - Partial support: 6%
  - No support: 16%
  - Unknown: <1%

**Level of support by health facility type**

- **Sec. HF** (n=3): 100% (Major support: 100%)
- **PHC** (n=46): 80% (Major support: 9%)
- **Health Post** (n=85): 69% (Major support: 8%)
- **Other** (n=4): 75% (Major support: 25%)

**Main types of support (n = 113)**

- **Provision of health staff**: 96%
- **Provision of operational costs**: 95%
- **Provision of medical supplies**: 93%
- **Provision of medical equipment**: 93%
- **Governance/Oversight**: 91%
- **Training of health staff**: 90%
**Teknaf**

### Level of support by camp

<table>
<thead>
<tr>
<th>Camp</th>
<th>Major support</th>
<th>Partial support</th>
<th>No support</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nayapara RC (n=2)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 24 (n=2)</td>
<td>50%</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>Camp 22 (n=5)</td>
<td>40%</td>
<td>40%</td>
<td>20%</td>
</tr>
<tr>
<td>Camp 26 (n=4)</td>
<td>75%</td>
<td></td>
<td>25%</td>
</tr>
<tr>
<td>Camp 21 (n=3)</td>
<td>33%</td>
<td>33%</td>
<td>33%</td>
</tr>
<tr>
<td>Camp 27 (n=2)</td>
<td>50%</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>Camp 25 (n=5)</td>
<td>50%</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>Near of Camp 16 (n=1)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Main types of support by camp

- **Ukhia**

### Level of support by camp

<table>
<thead>
<tr>
<th>Camp</th>
<th>Major support</th>
<th>Partial support</th>
<th>No support</th>
</tr>
</thead>
<tbody>
<tr>
<td>Camp 11 (n=6)</td>
<td>83%</td>
<td>17%</td>
<td></td>
</tr>
<tr>
<td>Camp 4 (n=5)</td>
<td>80%</td>
<td>20%</td>
<td></td>
</tr>
<tr>
<td>Camp 7 (n=4)</td>
<td>75%</td>
<td>25%</td>
<td></td>
</tr>
<tr>
<td>Camp 20 (n=4)</td>
<td>75%</td>
<td>25%</td>
<td></td>
</tr>
<tr>
<td>Camp 15 (n=3)</td>
<td>62%</td>
<td>12%</td>
<td>25%</td>
</tr>
<tr>
<td>Camp 9 (n=5)</td>
<td>60%</td>
<td>40%</td>
<td></td>
</tr>
<tr>
<td>Camp 1W (n=5)</td>
<td>60%</td>
<td>40%</td>
<td></td>
</tr>
<tr>
<td>Camp 8W (n=4)</td>
<td>50%</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>Camp 20 Extension (n=2)</td>
<td>50%</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>Near of Camp 16 (n=1)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Main types of support by camp

- **Kutupalong**
- **Nayapara RC**
- **Rubber Garden**

1. Chart excludes health facilities where partner support is unknown.
**WATER**

Water availability

Overall availability: 86%

- **Teknaf**: 100% (n = 20)
- **Ukhia**: 84% (n = 118)

### Availability by Health Facility Type

- **Sec. HF** (n=3): Available (100%)
- **PHC** (n=46): Available (100%)
- **Health Post** (n=85): Available (78%), Partially available (20%)
- **Other** (n=4): Available (100%)

### Main Reasons of Unavailability

- **Lack of supplies**: 78%
- **Lack of equipment**: 67%
- **Lack of financial resources**: 28%
- **Lack of staff**: 11%

**Number of health facilities**

- **Available**: 100%
- **Partially available**: 20%
- **Not available**: 0%
- **Not assessed**: 0%
Operational Status of the Health System

Availability by camp

Main reasons of unavailability by camp

Not relevant

Chart excludes health facilities where the service availability is unknown.
**Water sources**

### Main water sources available

(n = 136)

- Tube well/borehole: 63%
- Piped Supply Network: 59%
- Rain water: 10%
- Protected dug well: 2%
- Tanker truck: <1%
- Other: 8%

### Main water sources available by camp

#### Teknaf

- Camp 21 (n=3)
- Camp 22 (n=5)
- Camp 24 (n=2)
- Camp 25 (n=2)
- Camp 26 (n=4)
- Camp 27 (n=2)
- Nayapara RC (n=2)

#### Ukhia

- Camp 10 (n=2)
- Camp 11 (n=6)
- Camp 12 (n=6)
- Camp 13 (n=9)
- Camp 14 (n=6)
- Camp 15 (n=8)
- Camp 16 (n=6)
- Camp 17 (n=5)
- Camp 18 (n=4)
- Camp 19 (n=4)
- Camp 1E (n=3)
- Camp 1W (n=5)
- Camp 20 Extension (n=2)
- Camp 20 (n=4)
- Camp 2E (n=2)
- Camp 2W (n=3)
- Camp 3 (n=4)
- Camp 4 Extension (n=1)
- Camp 4 (n=5)
- Camp 5 (n=4)
- Camp 6 (n=3)
- Camp 7 (n=4)
- Camp 8E (n=7)
- Camp 8W (n=4)
- Camp 9 (n=5)
- Kutupalong Highway (n=1)
- Kutupalong RC (n=1)
- Near of Camp 16 (n=1)
- Rubber Garden (n=1)
Sanitation

Availability of sanitation facilities

Overall

- Available: 77%
- Partially available: 22%
- Not available: <1%

<table>
<thead>
<tr>
<th>Facility Type</th>
<th>Available</th>
<th>Partially Available</th>
<th>Not Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sec. HF (n=3)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHC (n=46)</td>
<td>85%</td>
<td>15%</td>
<td></td>
</tr>
<tr>
<td>Health Post (n=85)</td>
<td>71%</td>
<td>28%</td>
<td></td>
</tr>
<tr>
<td>Other (n=4)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Main reasons of unavailability (n = 31)

- Lack of equipment: 71%
- Lack of supplies: 52%
- Lack of financial resources: 29%
- Lack of staff: 6%
- Lack of training: 3%
- Lack of water: 3%

Availability of sanitation facilities by health facility type

- Ukhia
  - Available: 76%
  - Partially available: 23%
  - Not available: <1%

- Teknaf
  - Available: 80%
  - Partially available: 20%
  - Not available: <1%

- Number of health facilities: Overall 138
### Teknaf

#### Availability by camp

<table>
<thead>
<tr>
<th>Camp</th>
<th>Available</th>
<th>Partially available</th>
<th>Not available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Camp 27 (n=2)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 25 (n=2)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 24 (n=2)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 21 (n=3)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 22 (n=4)</td>
<td>80%</td>
<td>20%</td>
<td></td>
</tr>
<tr>
<td>Camp 26 (n=4)</td>
<td>75%</td>
<td>25%</td>
<td></td>
</tr>
<tr>
<td>Nayapara RC (n=2)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Main reasons of unavailability by camp

- Lack of supplies
- Lack of equipment

### Ukhia

#### Availability by camp

<table>
<thead>
<tr>
<th>Camp</th>
<th>Available</th>
<th>Partially available</th>
<th>Not available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Camp 15 (n=8)</td>
<td>75%</td>
<td>25%</td>
<td></td>
</tr>
<tr>
<td>Camp 8E (n=7)</td>
<td>71%</td>
<td>29%</td>
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</tr>
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<td>Camp 13 (n=9)</td>
<td>67%</td>
<td>33%</td>
<td></td>
</tr>
<tr>
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<td>67%</td>
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</tr>
<tr>
<td>Camp 19 (n=4)</td>
<td>50%</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>Camp 16 (n=4)</td>
<td>50%</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>Camp 12 (n=6)</td>
<td>50%</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>Kutupalong RC (n=1)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Main reasons of unavailability by camp

- Lack of supplies
- Lack of equipment

---

1 Chart excludes health facilities where the service is not normally provided or availability is unknown.
Types of sanitation facilities

Main types of sanitation facilities available
(n = 137)

- Flush/pour-flush toilet to sewer system/spetic tank: 86%
- Covered Pit latrine or VIP: 32%
- Flush/pour-flush toilet without water: 4%
- Composting toilet: 1%
- Uncovered pit latrine: <1%
- Other: 1%

Main types of sanitation facilities by camp

Teknaf

- Camp 21 (n=3)
- Camp 22 (n=5)
- Camp 24 (n=2)
- Camp 25 (n=2)
- Camp 26 (n=2)
- Camp 27 (n=2)
- Nayapara RC (n=2)

Ukhia

- Camp 10 (n=3)
- Camp 11 (n=6)
- Camp 12 (n=6)
- Camp 13 (n=9)
- Camp 14 (n=6)
- Camp 15 (n=8)
- Camp 16 (n=6)
- Camp 17 (n=5)
- Camp 18 (n=4)
- Camp 19 (n=4)
- Camp 1E (n=3)
- Camp 1W (n=5)
- Camp 20 (n=2)
- Camp 20 Extensio (n=2)
- Camp 20 (n=4)
- Camp 2E (n=2)
- Camp 2W (n=3)
- Camp 3 (n=4)
- Camp 4 Extension (n=1)
- Camp 4 (n=5)
- Camp 5 (n=4)
- Camp 6 (n=3)
- Camp 7 (n=4)
- Camp 8E (n=7)
- Camp 8W (n=4)
- Camp 9 (n=5)
- Kutupalong Highway (n=1)
- Kutupalong RC (n=1)
- Near of Camp 16 (n=1)
- Rubber Garden (n=1)

Toilet accessibility

(n = 136)

- Gender separated toilets: 95%
- Dedicated staff toilets: 87%
- Menstrual hygiene facilities: 74%
- Toilets for people with limited accessibility: 49%
Availability of hand-hygiene facilities by health facility type

- 100% Sec. HF (n=3)
- 98% PHC (n=46)
- 89% Health Post (n=85)
- 100% Other (n=4)

Main reasons of unavailability (n = 9)

- Lack of equipment/maintenance 78%
- Lack of water 33%
- Lack of supplies 22%
- Lack of financial resources 22%
- Lack of training 11%

Hand hygiene facilities are considered available if (1) they are available at all critical points in the health facility, (2) sufficient water and soap, or hydroalcoholic solution are available, (3) staff are trained in good hand hygiene practices.
## Operational Status of the Health System

### Main reasons of unavailability by camp

<table>
<thead>
<tr>
<th>Camp</th>
<th>Availability</th>
<th>Partially Available</th>
<th>Not Available</th>
</tr>
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<tbody>
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</tr>
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<td>Camp 12</td>
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<td></td>
</tr>
<tr>
<td>Camp 19</td>
<td>100%</td>
<td></td>
<td></td>
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<tr>
<td>Camp 20</td>
<td>100%</td>
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</tr>
<tr>
<td>Camp 8E</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Rubber Garden</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
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</tr>
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</tr>
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<tr>
<td>Camp 4</td>
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</tr>
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</tr>
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<td></td>
</tr>
<tr>
<td>Kutupalong RC</td>
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</tr>
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</tr>
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</tr>
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<td>Camp 1E</td>
<td>100%</td>
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</tr>
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</tr>
<tr>
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### Teknaf

#### Availability by camp

<table>
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<tr>
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<th>Availability</th>
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<th>Not Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nayapara RC (n=2)</td>
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<td></td>
</tr>
<tr>
<td>Camp 27 (n=2)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 26 (n=4)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 25 (n=2)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 24 (n=2)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 22 (n=5)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 21 (n=3)</td>
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### Ukhia

#### Availability by camp

<table>
<thead>
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<th>Availability</th>
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<th>Not Available</th>
</tr>
</thead>
<tbody>
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</tr>
<tr>
<td>Camp 10 (n=3)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp E (n=7)</td>
<td>86%</td>
<td>14%</td>
<td></td>
</tr>
<tr>
<td>Camp 16 (n=6)</td>
<td>83%</td>
<td>17%</td>
<td></td>
</tr>
<tr>
<td>Camp 12 (n=6)</td>
<td>83%</td>
<td>17%</td>
<td></td>
</tr>
<tr>
<td>Camp 17 (n=5)</td>
<td>80%</td>
<td>20%</td>
<td></td>
</tr>
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<td>Camp 20 (n=4)</td>
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<td>25%</td>
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</tr>
<tr>
<td>Camp 19 (n=4)</td>
<td>75%</td>
<td>25%</td>
<td></td>
</tr>
<tr>
<td>Camp 2W (n=3)</td>
<td>67%</td>
<td>33%</td>
<td></td>
</tr>
<tr>
<td>Camp 11 (n=6)</td>
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<td>33%</td>
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</tr>
</tbody>
</table>

### Main reasons of unavailability by camp

- Lack of equipment/maintenance
- Lack of supplies
- Lack of financial resources
- Lack of training
- Lack of water

---

*Chart excludes health facilities where the service is not normally provided or availability is unknown.*
**CLEANING EQUIPMENT**

Availability of cleaning equipment and supplies

<table>
<thead>
<tr>
<th>Facility Type</th>
<th>Available</th>
<th>Partially Available</th>
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</thead>
<tbody>
<tr>
<td>Sec. HF (n=3)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>PHC (n=46)</td>
<td>91%</td>
<td>9%</td>
<td></td>
</tr>
<tr>
<td>Health Post (n=85)</td>
<td>85%</td>
<td>14%</td>
<td></td>
</tr>
<tr>
<td>Other (n=4)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Main reasons of unavailability (n = 16)**

- Lack of training: 69%
- Lack of staff: 62%
- Lack of financial resources: 25%
- Lack of supplies: 19%
- Lack of water: 12%
- Lack of equipment: 6%

---

16 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.
Operational Status of the Health System

### Teknaf

**Availability by camp**

- Available
- Partially available
- Not available

<table>
<thead>
<tr>
<th>Camp</th>
<th>(n)</th>
<th>Available</th>
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<th>Not available</th>
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</thead>
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</tr>
<tr>
<td>Camp 25</td>
<td>2</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 24</td>
<td>2</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 22</td>
<td>5</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 21</td>
<td>3</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 26</td>
<td>4</td>
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<td>25%</td>
<td></td>
</tr>
<tr>
<td>Nayapara RC</td>
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<td>100%</td>
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</tr>
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</table>

**Main reasons of unavailability by camp**

- Lack of staff
- Lack of training

### Ukhia

**Availability by camp**

<table>
<thead>
<tr>
<th>Camp</th>
<th>(n)</th>
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</thead>
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<td></td>
</tr>
<tr>
<td>Camp 14</td>
<td>6</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 18</td>
<td>7</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 8E</td>
<td>4</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 7</td>
<td>4</td>
<td>100%</td>
<td></td>
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</tr>
<tr>
<td>Camp 6</td>
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<td></td>
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</tr>
<tr>
<td>Camp 5</td>
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</tr>
<tr>
<td>Camp 20</td>
<td>4</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 19</td>
<td>5</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 18</td>
<td>6</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Main reasons of unavailability by camp**

- Lack of staff
- Lack of training

---

1 Chart excludes health facilities where the service is not normally provided or availability is unknown.
Waste Management

Waste Segregation

Availability of waste segregation equipment

- Overall: 138
- 93%
- 5%
- <1%
- (n = 8)

Main reasons of unavailability (n = 8)

- Lack of equipment: 88%
- Lack of supplies: 50%
- Lack of staff: 12%
- Lack of financial resources: 12%

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 equipment by HF type

- Sec. HF (n=3): 100%
- PHC (n=46): 98%, 2%
- Health Post (n=85): 91%, 7%
- Other (n=4): 100%

Areas: Ukhia, Teknaf, BGD, MMR
Operational Status of the Health System

Main reasons of unavailability by camp

### Teknaf

#### Availability by camp

<table>
<thead>
<tr>
<th>Camp</th>
<th>Available</th>
<th>Partially available</th>
<th>Not available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nayapara RC (n=2)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 27 (n=2)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 25 (n=2)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 24 (n=2)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 22 (n=5)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 21 (n=3)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 26 (n=4)</td>
<td>75%</td>
<td>25%</td>
<td></td>
</tr>
</tbody>
</table>

#### Main reasons of unavailability by camp

- Lack of supplies

### Ukhia

#### Availability by camp

<table>
<thead>
<tr>
<th>Camp</th>
<th>Available</th>
<th>Partially available</th>
<th>Not available</th>
</tr>
</thead>
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</tr>
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<td>Camp 11 (n=6)</td>
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<td></td>
</tr>
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<td>Camp 10 (n=3)</td>
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<td></td>
</tr>
<tr>
<td>Camp 9 (n=3)</td>
<td>89%</td>
<td>11%</td>
<td></td>
</tr>
<tr>
<td>Camp 8E (n=7)</td>
<td>86%</td>
<td>14%</td>
<td></td>
</tr>
<tr>
<td>Camp 1W (n=8)</td>
<td>80%</td>
<td>20%</td>
<td></td>
</tr>
<tr>
<td>Camp 6 (n=3)</td>
<td>67%</td>
<td>33%</td>
<td></td>
</tr>
<tr>
<td>Camp 2E (n=2)</td>
<td>50%</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>Camp 12 (n=6)</td>
<td>67%</td>
<td>17%</td>
<td>17%</td>
</tr>
</tbody>
</table>

#### Main reasons of unavailability by camp

- Lack of equipment
- Lack of supplies
- Lack of staff
- Lack of financial resources

---

Chart excludes health facilities where the service is not normally provided or availability is unknown.
Availability of methods for final disposal of sharps

Overall availability: 79%
- 20% Not available
- 15% Partially available
- 5% Not assessed
- 8% Available

By location:
- Teknaf: 80%
  - 10% Not available
  - 10% Partially available
  - 6% Available
- Ukhia: 79%
  - 16% Not available
  - 4% Partially available
  - 4% Available
  - 5% Not assessed

Main reasons of unavailability:
- Lack of equipment: 93%
- Lack of financial resources: 29%
- Lack of supplies: 25%
- Lack of staff: 18%
- Lack of training: 11%

Availability of methods for final disposal of sharps by HF type:
- Sec. HF: 100% (n=3)
- PHC: 89% (n=46)
- Health Post: 72% (n=85)
- Other: 100% (n=4)

Final disposal of sharps is considered as available only if the health facility has sufficient capacities to treat and safely dispose of sharps.
Operational Status of the Health System

Main reasons of unavailability by camp

<table>
<thead>
<tr>
<th>Camp 26 (n=2)</th>
<th>Nayapara RC (n=2)</th>
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<tbody>
<tr>
<td>Lack of equipment</td>
<td>Lack of staff</td>
</tr>
<tr>
<td>Lack of training</td>
<td>Lack of financial resources</td>
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</table>

Main reasons of unavailability by camp

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<tr>
<th>Available</th>
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<th>Not available</th>
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<td>Camp 25 (n=2)</td>
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<tr>
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Ukhia

Availability by camp

<table>
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<th>Camp 18 (n=4)</th>
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<th>Camp 2E (n=2)</th>
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<th>Camp 11 (n=6)</th>
<th>Camp 16 (n=6)</th>
<th>Camp 17 (n=5)</th>
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</thead>
<tbody>
<tr>
<td>Available</td>
<td>Partially available</td>
<td>Not available</td>
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<td></td>
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<td>40%</td>
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<td>17%</td>
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Main reasons of unavailability by camp

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<th>Camp 10 (n=3)</th>
<th>Camp 14 (n=6)</th>
<th>Camp 4 (n=5)</th>
<th>Camp 8W (n=4)</th>
<th>Camp 7 (n=4)</th>
<th>Camp 5 (n=4)</th>
<th>Camp 3 (n=4)</th>
<th>Camp 20 (n=4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Available</td>
<td>Partially available</td>
<td>Not available</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>100%</td>
<td>25%</td>
<td>100%</td>
<td>25%</td>
<td>83%</td>
<td>17%</td>
<td>100%</td>
<td>20%</td>
<td>67%</td>
<td>33%</td>
</tr>
</tbody>
</table>

Teknaf

Availability by camp

<table>
<thead>
<tr>
<th>Camp 26 (n=2)</th>
<th>Nayapara RC (n=2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Available</td>
<td>Partially available</td>
</tr>
<tr>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>

Main reasons of unavailability by camp

<table>
<thead>
<tr>
<th>Camp 11 (n=2)</th>
<th>Camp 12 (n=2)</th>
<th>Camp 13 (n=1)</th>
<th>Camp 14 (n=1)</th>
<th>Camp 16 (n=3)</th>
<th>Camp 17 (n=1)</th>
<th>Camp 18 (n=1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Available</td>
<td>Partially available</td>
<td>Not available</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>100%</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>

Chart excludes health facilities where the service is not normally provided or availability is unknown.
Infectious waste disposal

Availability of methods for final disposal of infectious waste

Overall

- **89%** Available
- **7%** Partially available
- **3%** Not assessed

(n = 138)

Teknaf

- **80%** Available
- **15%** Partially available
- **5%** Not assessed

(n = 20)

Ukhia

- **91%** Available
- **8%** Partially available
- **1%** Not assessed

(n = 118)

Availability by health facility type

- **100%** Sec. HF (n=3)
- **93%** PHC (n=46)
- **87%** Health Post (n=85)
- **75%** Other (n=4)

Main reasons of unavailability (n = 14)

- **86%** Lack of equipment
- **43%** Lack of supplies
- **29%** Lack of staff
- **21%** Lack of financial resources
- **14%** Lack of training

XXX

XXX
### Operational Status of the Health System

#### Teknaf

**Availability by camp**

<table>
<thead>
<tr>
<th>Camp</th>
<th>Available</th>
<th>Partially available</th>
<th>Not available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Camp 27 (n=2)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 25 (n=2)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 24 (n=2)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 22 (n=5)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 21 (n=3)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 26 (n=4)</td>
<td>50%</td>
<td>25%</td>
<td>25%</td>
</tr>
<tr>
<td>Nayapara RC (n=2)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Main reasons of unavailability by camp**

- Lack of equipment
- Lack of staff
- Lack of training
- Lack of supplies

#### Ukhia

**Availability by camp**

<table>
<thead>
<tr>
<th>Camp</th>
<th>Available</th>
<th>Partially available</th>
<th>Not available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Camp 11 (n=6)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 10 (n=5)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 14 E (n=7)</td>
<td>86%</td>
<td>14%</td>
<td></td>
</tr>
<tr>
<td>Camp 14 (n=6)</td>
<td>83%</td>
<td>17%</td>
<td></td>
</tr>
<tr>
<td>Camp 12 (n=6)</td>
<td>83%</td>
<td>17%</td>
<td></td>
</tr>
<tr>
<td>Camp 7 (n=4)</td>
<td>75%</td>
<td>25%</td>
<td></td>
</tr>
<tr>
<td>Camp 2W (n=3)</td>
<td>67%</td>
<td>33%</td>
<td></td>
</tr>
<tr>
<td>Camp 5 (n=4)</td>
<td>50%</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>Camp 2E (n=2)</td>
<td>50%</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>Camp 17 (n=5)</td>
<td>60%</td>
<td>20%</td>
<td>20%</td>
</tr>
</tbody>
</table>

**Main reasons of unavailability by camp**

- Lack of equipment
- Lack of staff
- Lack of training
- Lack of supplies

---

*Chart excludes health facilities where the service is not normally provided or availability is unknown.*
### Waste treatment methods

#### Main types of waste treatment methods available

(n = 134)

- **Incinerated**
  - Other: 66%
- **Autoclaved**: 58%
- **Burning in a protected pit**: 27%
- **Incinerated, two chamber, 850-1000°C**: 22%
- **Collected for medical waste disposal off-site**: 16%
- **Buried in lined, protected pit**: 10%
- **Open dumping without treatment**: <1%
- **Open burning**: 2%
- **Others**: 6%

#### Main types of waste treatment methods available by camp

**Teknaf**

- **Camp 21** (n=3)
- **Camp 22** (n=5)
- **Camp 24** (n=2)
- **Camp 25** (n=2)
- **Camp 26** (n=4)
- **Camp 27** (n=2)

**Ukhia**

- **Camp 10** (n=3)
- **Camp 11** (n=6)
- **Camp 12** (n=6)
- **Camp 13** (n=9)
- **Camp 14** (n=8)
- **Camp 15** (n=6)
- **Camp 16** (n=6)
- **Camp 17** (n=4)
- **Camp 18** (n=4)
- **Camp 19** (n=4)
- **Camp 1E** (n=5)
- **Camp 1W** (n=5)
- **Camp 20 Extensio** (n=2)
- **Camp 20** (n=2)
- **Camp 2E** (n=2)
- **Camp 2W** (n=3)
- **Camp 3** (n=4)
- **Camp 4 Extension** (n=1)
- **Camp 4** (n=5)
- **Camp 5** (n=4)
- **Camp 6** (n=3)
- **Camp 7** (n=4)
- **Camp 8E** (n=7)
- **Camp 8W** (n=4)
- **Camp 9** (n=5)
- **Jupalong Highway** (n=1)
- **Kutupalong RC** (n=1)
- **Near of Camp 16** (n=1)
- **Rubber Garden** (n=1)
Operational Status of the Health System

**Power**

Power availability

100% 87% 85%
Overall
Teknaf
Ukhia

Available
Partially available
Not available

Lack of equipment 94%
Lack of supplies 59%
Lack of financial resources 29%

Main reasons of unavailability

(n = 17)

Power is only considered available if it’s available reliably and in sufficient quantities to meet daily demand at the health facility.
Main reasons of unavailability by camp

- Lack of equipment
- Lack of supplies
- Lack of financial resources

Not relevant

‡ Chart excludes health facilities where the service is not normally provided or availability is unknown.
Operational Status of the Health System

Power sources

Main power sources available (n = 134)

- Generator: 75%
- Solar system: 71%
- National electricity network: 54%
- Others: 3%

Main power sources available by camp

**Teknaf**

- Camp 21 (n=3)
- Camp 22 (n=5)
- Camp 24 (n=2)
- Camp 25 (n=2)
- Camp 26 (n=4)
- Camp 27 (n=2)
- Nayapara RC (n=2)

**Ukhia**

- Camp 10 (n=3)
- Camp 11 (n=6)
- Camp 12 (n=8)
- Camp 13 (n=6)
- Camp 14 (n=8)
- Camp 15 (n=6)
- Camp 16 (n=6)
- Camp 17 (n=5)

- Camp 18 (n=4)
- Camp 19 (n=4)
- Camp 1E (n=3)
- Camp 1W (n=4)
- Camp 20 Extension (n=2)
- Camp 20 (n=4)
- Camp 2E (n=2)
- Camp 2W (n=3)

- Camp 3 (n=4)
- Camp 4 Extension (n=1)
- Camp 4 (n=5)
- Camp 5 (n=4)
- Camp 6 (n=2)
- Camp 7 (n=4)
- Camp 8E (n=7)
- Camp 8W (n=4)

- Camp 9 (n=5)
- Kutupalong Highway (n=1)
- Kutupalong RC (n=1)
- Near of Camp 16 (n=1)
- Rubber Garden (n=1)
Cold chain availability

- Overall: 138
  - Available: 54%
  - Partially available: 33%
  - Not available: 12%

- Teknaf: 20
  - Available: 60%
  - Partially available: 10%
  - Not available: 30%

- Ukhia: 118
  - Available: 53%
  - Partially available: 13%
  - Not available: 34%

**Main reasons of unavailability (n = 63)**

- Lack of equipment: 84%
- Lack of supplies: 40%
- Lack of financial resources: 25%
- Lack of staff: 14%
- Lack of training: 13%

Cold chain availability by health facility type

- Sec. HF (n=3): 100%
  - Available: 100%
- PHC (n=46): 72%
  - Available: 72%
- Health Post (n=85): 41%
  - Available: 41%
- Other (n=4): 75%
  - Available: 75%

Cold chain is considered available only if functioning and if it provides sufficient capacity for vaccination campaigns/routine vaccination efforts.
Main reasons of unavailability by camp

- **Lack of equipment**
- **Lack of supplies**
- **Lack of staff**
- **Lack of financial resources**

**Teknaf**

### Availability by camp

<table>
<thead>
<tr>
<th>Camp</th>
<th>Available</th>
<th>Partially available</th>
<th>Not available</th>
</tr>
</thead>
<tbody>
<tr>
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<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 24</td>
<td>60%</td>
<td>20%</td>
<td>20%</td>
</tr>
<tr>
<td>Camp 22</td>
<td>75%</td>
<td>25%</td>
<td></td>
</tr>
<tr>
<td>Camp 26</td>
<td>67%</td>
<td>33%</td>
<td></td>
</tr>
<tr>
<td>Camp 21</td>
<td>50%</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>Nayapara RC</td>
<td>100%</td>
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<td></td>
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</tbody>
</table>

**Ukhia**

### Availability by camp

<table>
<thead>
<tr>
<th>Camp</th>
<th>Available</th>
<th>Partially available</th>
<th>Not available</th>
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<tbody>
<tr>
<td>Camp 8E</td>
<td>43%</td>
<td>14%</td>
<td>43%</td>
</tr>
<tr>
<td>Camp 20 Extension</td>
<td>50%</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>Camp 18</td>
<td>50%</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>Camp 11</td>
<td>50%</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>Camp 16</td>
<td>33%</td>
<td>17%</td>
<td>50%</td>
</tr>
<tr>
<td>Camp 19</td>
<td>25%</td>
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<td>50%</td>
</tr>
<tr>
<td>Camp 17</td>
<td>40%</td>
<td>60%</td>
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</tr>
<tr>
<td>Camp 6</td>
<td>33%</td>
<td>67%</td>
<td></td>
</tr>
<tr>
<td>Kutupalong RC</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
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</table>

### Main reasons of unavailability by camp

1. Chart excludes health facilities where the service is not normally provided or availability is unknown.
Cold chain power sources

Main power sources available
(n = 90)

- Generator: 73%
- Public power network: 66%
- Solar: 37%
- Gas: 1%
- Other: 11%

Main power sources available by camp

**Teknaf**

- Camp 21 (n=2)
- Camp 22 (n=4)
- Camp 24 (n=2)
- Camp 25 (n=1)
- Camp 26 (n=3)
- Camp 27 (n=2)

**Ukhia**

- Camp 10 (n=2)
- Camp 11 (n=3)
- Camp 12 (n=4)
- Camp 13 (n=7)
- Camp 14 (n=5)
- Camp 15 (n=5)
- Camp 16 (n=3)
- Camp 17 (n=2)
- Camp 18 (n=1)
- Camp 19 (n=2)
- Camp 1E (n=2)
- Camp 1W (n=4)
- Camp 20 Extension (n=1)
- Camp 20 (n=2)
- Camp 2E (n=2)
- Camp 2W (n=3)
- Camp 3 (n=3)
- Camp 4 Extension (n=1)
- Camp 4 (n=3)
- Camp 5 (n=4)
- Camp 6 (n=1)
- Camp 7 (n=3)
- Camp 8E (n=4)
- Camp 8W (n=3)
- Camp 9 (n=3)
- Jatupalong Highway (n=1)
- Near of Camp 16 (n=1)
- Rubber Garden (n=1)
COMMUNICATION EQUIPMENT

Communication equipment availability

Overall

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Available</th>
<th>Partially available</th>
<th>Not available</th>
</tr>
</thead>
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<tr>
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</table>

Teknaf

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Available</th>
<th>Partially available</th>
<th>Not available</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
<td></td>
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</tbody>
</table>

Ukhia

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Available</th>
<th>Partially available</th>
<th>Not available</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Main reasons of unavailability (n = 18)

- Lack of equipment: 89%
- Lack of supplies: 50%
- Lack of financial resources: 17%
- Lack of staff: 11%
- Lack of training: 6%

Availability by health facility type

- Sec. HF (n=3): 100%
- PHC (n=46): 91%, 9%
- Health Post (n=85): 82%, 14%
- Other (n=4): 100%

XXX
Main reasons of unavailability by camp

- Lack of staff
- Lack of equipment
- Lack of training
- Lack of supplies

Chart excludes health facilities where the service is not normally provided or availability is unknown.

1Chart excludes health facilities where the service is not normally provided or availability is unknown.
Communication equipment type

Main types of communication equipment available (n = 135)

- Mobile phone: 98%
- Internet/mobile data: 69%
- Computer: 52%
- Telephone: <1%
- Others: 4%

Main types of communication equipment available by camp

**Teknaf**

- Camp 21 (n=3)
- Camp 22 (n=5)
- Camp 24 (n=2)
- Camp 25 (n=2)
- Camp 26 (n=4)
- Camp 27 (n=2)
- Nayapara RC (n=2)

**Ukhia**

- Camp 10 (n=3)
- Camp 11 (n=6)
- Camp 12 (n=6)
- Camp 13 (n=9)
- Camp 14 (n=6)
- Camp 15 (n=8)
- Camp 16 (n=6)
- Camp 17 (n=5)
- Camp 18 (n=3)
- Camp 19 (n=4)
- Camp 1E (n=3)
- Camp 1W (n=5)
- Camp 20 Extensio (n=2)
- Camp 20 (n=4)
- Camp 2E (n=2)
- Camp 2W (n=3)
- Camp 3 (n=4)
- Camp 4 Extensio (n=1)
- Camp 4 (n=5)
- Camp 5 (n=4)
- Camp 6 (n=3)
- Camp 7 (n=4)
- Camp 8E (n=6)
- Camp 8W (n=4)
- Camp 9 (n=5)
- Kutupalong Highway (n=1)
- Kutupalong RC (n=1)
- Near of Camp 16 (n=1)
- Rubber Garden (n=1)
# Fire Prevention

## Fire Prevention Availability

### Overall
- **30%** Available
- **79%** Partially available
- **2%** Not assessed
- **138** Facilities

### By Region
- **Teknaf**
  - **30%** Available
  - **70%** Partially available
  - **2%** Not assessed
  - **20** Facilities

- **Ukhia**
  - **18%** Available
  - **81%** Partially available
  - **1%** Not assessed
  - **118** Facilities

## Main Reasons of Unavailability

### Lack of Equipment
- **80%**

### Lack of Supplies
- **47%**

### Lack of Training
- **40%**

### Lack of Financial Resources
- **23%**

### Lack of Staff
- **10%**

### Lack of Water
- **7%**

## Availability of Water by Health Facility Type

### Sec. HF
- **100%** Available
- **0%** Partially available
- **0%** Not available
- **3** Facilities

### PHC
- **80%** Available
- **20%** Partially available
- **0%** Not available
- **46** Facilities

### Health Post
- **74%** Available
- **21%** Partially available
- **5%** Not assessed
- **85** Facilities

### Other
- **100%** Available
- **0%** Partially available
- **0%** Not assessed
- **4** Facilities

## Number of Health Facilities

- **Ukhia**: 118
- **Teknaf**: 20
- **Overall**: 138

## Fire Prevention

- **Ukhia**: Not available
- **Teknaf**: Available
- **Overall**: Not assessed

## Availability

- **Not available**: 0%
- **Available**: 100%
Operational Status of the Health System

Main reasons of unavailability by camp

Teknaf

Availability by camp

Main reasons of unavailability by camp

Ukhia

Availability by camp

Main reasons of unavailability by camp

†Chart excludes health facilities where the service availability is unknown.
Types of fire protection

Main types of fire protection available
(n = 134)

- Fire Extinguisher: 96%
- Sandbag: 46%
- Other: 32%
- Water hose: 31%
- Fire blanket: 25%

Main types of fire protection available by camp

**Teknaf**

- Camp 21 (n=3)
- Camp 22 (n=5)
- Camp 24 (n=2)
- Camp 25 (n=2)
- Camp 26 (n=4)
- Camp 27 (n=2)
- Nayapara RC (n=2)

**Ukhia**

- Camp 10 (n=3)
- Camp 11 (n=6)
- Camp 12 (n=6)
- Camp 13 (n=9)
- Camp 14 (n=6)
- Camp 15 (n=8)
- Camp 16 (n=5)
- Camp 17 (n=4)

- Camp 18 (n=4)
- Camp 19 (n=4)
- Camp 1E (n=3)
- Camp 1W (n=5)
- Camp 20 Extensions (n=2)
- Camp 20 (n=4)
- Camp 2E (n=2)
- Camp 2W (n=3)

- Camp 3 (n=4)
- Camp 4 Extension (n=1)
- Camp 4 (n=5)
- Camp 5 (n=4)
- Camp 6 (n=3)
- Camp 7 (n=4)
- Camp 8E (n=6)
- Camp 8W (n=4)

- Camp 9 (n=5)
- Kutupalong Highway (n=1)
- Kutupalong RC (n=1)
- Near of Camp 16 (n=1)
- Rubber Garden (n=1)
Facility-based information systems

EWARS availability

Overall availability: 98% (138 facilities)

- **Teknaf**: 100% (20 facilities)
- **Ukhia**: 97% (118 facilities)

Main reasons of unavailability:

- Not relevant

Availability by health facility type:

- **Secondary Health Facility (n=3)**: 100%
- **Primary Health Care (n=46)**: 100%
- **Health Post (n=85)**: 96%
- **Other (n=4)**: 100%

Number of health facilities:

- Available
- Partially available
- Not available
- Not normally provided
- Not assessed

Map showing facilities in Teknaf and Ukhia regions in Bangladesh.
Teknaf

Availability by camp

<table>
<thead>
<tr>
<th>Camp</th>
<th>Availability</th>
<th>Partially available</th>
<th>Not available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nayapara RC (n=2)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 27 (n=2)</td>
<td>100%</td>
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<td></td>
</tr>
<tr>
<td>Camp 26 (n=4)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 25 (n=2)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 24 (n=2)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Camp 22 (n=5)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 21 (n=3)</td>
<td>100%</td>
<td></td>
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</tr>
</tbody>
</table>

Main reasons of unavailability by camp

Not relevant

Ukhia

Availability by camp

<table>
<thead>
<tr>
<th>Camp</th>
<th>Availability</th>
<th>Partially available</th>
<th>Not available</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
<td></td>
</tr>
<tr>
<td>Camp 18 (n=4)</td>
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<td></td>
<td></td>
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<td>Camp 17 (n=5)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Camp 16 (n=5)</td>
<td>100%</td>
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<tr>
<td>Camp 15 (n=7)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 14 (n=6)</td>
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<td></td>
</tr>
<tr>
<td>Camp 13 (n=8)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 12 (n=6)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 11 (n=6)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 10 (n=3)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Main reasons of unavailability by camp

Not relevant
Operational Status of the Health System

DHIS2 availability

Overall

99%

138

Availability by health facility type

100%

Sec. HF (n=3)

100%

PHC (n=46)

99%

Health Post (n=85)

100%

Other (n=4)

Main reasons of unavailability

Not relevant
### Main reasons of unavailability by camp

Not relevant

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1. Chart excludes health facilities where the service is not normally provided or availability is unknown.
Operational Status of the Health System

Availibility of 4W reports

Overall

- Available: 93%
- Not assessed: 4%
- Partially available: 1%

138

Teknaf

- Available: 90%
- Not assessed: 5%
- Partially available: 5%

20

Ukhia

- Available: 94%
- Not assessed: 4%
- Partially available: 1%

118

Availability by health facility type:

- Sec. HF (n=3): 100%
- PHC (n=46): 96%
- Health Post (n=85): 92%
- Other (n=4): 100%

Main reasons of unavailability (n = 2):

- Lack of training: 100%
- Lack of staff: 50%

Number of health facilities

- BGD: 10
- MMR: 5
- Ukhia: 1
- Teknaf: 4

Availability of 4W reports:

- Not available: 90%
- Available: 5%
- Partially available: 5%
- Not assessed: 20%

Number of health facilities by region:

- Ukhia: 1
- Teknaf: 4
### Teknaf

#### Availability by camp

<table>
<thead>
<tr>
<th>Camp</th>
<th>Available</th>
<th>Partially available</th>
<th>Not available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nayapara RC</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 27</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 25</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 24</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 22</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 21</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 26</td>
<td>75%</td>
<td>25%</td>
<td></td>
</tr>
</tbody>
</table>

#### Main reasons of unavailability by camp

- Lack of staff
- Lack of training

### Ukhia

#### Availability by camp

<table>
<thead>
<tr>
<th>Camp</th>
<th>Available</th>
<th>Partially available</th>
<th>Not available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Camp 18</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 17</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 16</td>
<td>100%</td>
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<tr>
<td>Camp 15</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Camp 14</td>
<td>100%</td>
<td></td>
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</tr>
<tr>
<td>Camp 13</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 12</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 11</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 10</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camp 8E</td>
<td>86%</td>
<td>14%</td>
<td></td>
</tr>
</tbody>
</table>

#### Main reasons of unavailability by camp

- Lack of staff
- Lack of training

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1 Chart excludes health facilities where the service is not normally provided or availability is unknown.