

# Detailed Site Assessment (DSA)

February 2020

## Afmadow district, Lower Juba region, Somalia

SOMALIA

### CONTEXT

Somalia continues to experience recurrent droughts, floods, and armed conflict, driving large-scale displacement. The high levels of displacement have resulted in fluctuating population estimates of Internally Displaced Persons (IDPs) in both formal and informal settlements, thereby complicating the provision of basic services to address their needs.

The Detailed Site Assessment (DSA) was initiated in coordination with the Camp Coordination and Camp Management (CCCM) Cluster in order to provide the humanitarian community with up-to-date information on the location of IDP sites, the conditions and capacity of the sites, and an estimate of the severity of humanitarian needs of residents. Data collection for the current round of the DSA took place from November 2019 to February 2020 and assessed 2,344 IDP settlements in 61 districts across Somalia.

This factsheet presents the findings at district level for the 13 assessed IDP settlements in Afmadow district, in the Awdal region of

### METHODOLOGY

Primary data collection employed a Key Informant (KI) methodology with KI interviews conducted by REACH enumerators in locations directly accessible by REACH Field Officers (FOs) and by CCCM partner organizations. Targeted urban areas within districts were determined based on a secondary literature review of previous assessments conducted on IDP populations<sup>1</sup>. Following the identification of target urban areas, REACH located IDP settlements through contacting the lowest level of governance<sup>2</sup> in each area to identify the locations of IDP settlements.

The severity calculation for the third round of the DSA was developed in close consultation with clusters and partner organisations and updated to improve the quality and reliability of data collected regarding IDP settlement locations, estimated size of resident populations, and the severity of humanitarian needs. The severity score goes from 1-4, with 1 being the least severe and 4 being the most severe. The categories are none/minimal, stress, severe and extreme.

To provide a local, context-specific overview and allow more targeted responses, this factsheet presents a summary of findings of assessed settlements in Afmadow district only.

The nation-wide, sectoral factsheets are available [here](#).

#### Assessment information

Total assessed sites **13**

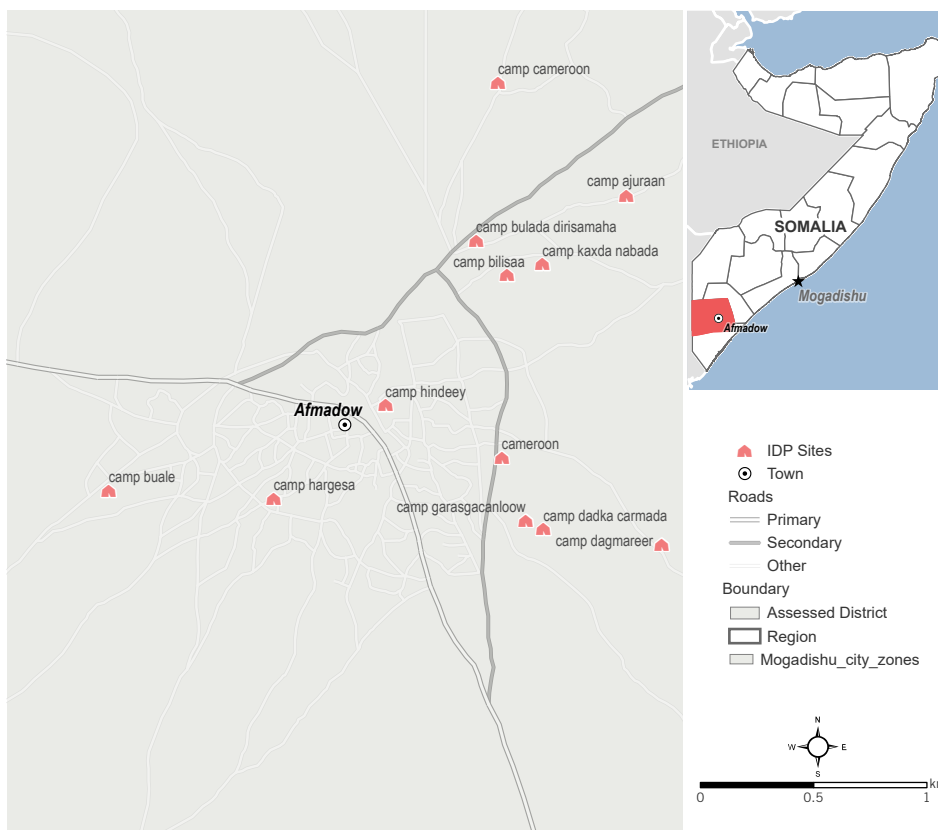
#### Displacement

Total number of IDPs households arriving into a new settlement: **86**

Total number of IDPs households departing from an old settlement: **15**

The **Middle Juba** was the main reported region of origin for IDPs in the Awdal district. The proportion of IDPs reportedly coming from this district was: **97%**

### ASSESSMENT COVERAGE MAP



#### Summary of severity score\*

Overall cluster severity score and severity phase classification at district level:

Clusters	Severity Score	Severity phase
Food security / Livelihoods	4	Extreme
Nutrition	3	Severe
Health	3	Severe
Protection	3	Severe
Shelter and Non-food items	4	Extreme
Education	4	Extreme
Water, Sanitation/ Hygiene	3	Severe

For the list of indicators and the severity score calculations, see the annex on this factsheet.

\*The analysis methodology was adjusted between 2019 and 2020 in order to align with other multi-sectoral assessments carried out by REACH and other partners. This included adapting the ranking system. Therefore, the results for 2020 cannot be compared directly with the previous years, but can be useful to show the differences between the sectors and districts.

<sup>1</sup>Previous REACH DSA, JMCNA and CCCM Partner Organization Population Estimates

<sup>2</sup>District Office, Mayor's Office, etc.

## FOOD SECURITY & LIVELIHOODS (FSL)

% of sites per FSL severity score:

No or minimal	Stress	Severe	Extreme
22%	24%	50%	4%

Proportion of sites with no access to food markets, as reported by KIs:



Average time taken to travel to nearest food market, as reported by KIs<sup>3</sup>: **14 minutes**

Three most common reported primary sources of food<sup>4</sup>:

Market purchases	53%	<div></div>
Gifts from family / friends /	28%	<div></div>
Borrowing/Debts	10%	<div></div>

Proportion of sites in which the majority of residents reportedly conduct the following livelihood sources<sup>4</sup>:

Daily wage labour	91%	<div></div>
Pastoralism	0%	<div></div>
Agriculture	0%	<div></div>

Proportion of sites where the population was reportedly not able to receive food assistance:



## NUTRITION

% of sites per nutrition severity score:

No or minimal	Stress	Severe	Extreme
41%	41%	18%	0%

Proportion of sites with no access to nutrition services, as reported by KIs:



Average time taken to travel to nearest nutrition service, as reported by KIs<sup>5</sup>: **21 minutes**

Proportion of sites reporting nutrition items distributed in the past 3 months:

Therapeutic and suppl. food	81%	<div></div>
MUAC tape	0%	<div></div>
Therapeutic milk products <sup>6</sup>	5%	<div></div>
Super Cereal Plus	7%	<div></div>

Proportion of sites where the population was reportedly not able to receive nutrition support:



## HEALTH

% of sites per health severity score:

No or minimal	Stress	Severe	Extreme
0%	0%	100%	0%

Proportion of sites with no access to healthcare facilities, as reported by KIs:



Average time to travel to nearest health facility, as reported by KIs<sup>7</sup>: **15 minutes**

Proportion of sites where KIs reported women are not able to access skilled personnel while giving birth:



Proportion of sites where the population was reportedly not able to receive healthcare support:



Three most common reported types of health facilities available at sites<sup>4</sup>:

District hospital	33%	<div></div>
Pharmacy	17%	<div></div>
NA	NA	<div></div>

## EDUCATION

% of sites per education severity score:

No or minimal	Stress	Severe	Extreme
0%	0%	50%	50%

Proportion of sites reportedly having no access to learning facilities:



Average time taken to travel to nearest learning facilities, as reported by KIs<sup>8</sup>: **16 minutes**

Reported type of learning facilities available at sites:

Primary	34%	<div></div>
Secondary	0%	<div></div>
Quoranic	92%	<div></div>
Basic Literacy/ Numeracy Classes	0%	<div></div>

Average proportion of learning facilities at sites reportedly having no gender segregated latrines:



Average proportion of learning facilities at sites reportedly having no fences and clear demarcation:



<sup>3</sup>The findings related to a subset of sites where KIs reported having access to food markets.

<sup>4</sup>Respondents could select multiple options. Applies to all questions with reference '4'.

<sup>5</sup>The findings related to a subset of sites where KIs reported having access to nutrition services.

<sup>6</sup>F75 or F100.

<sup>7</sup>The findings related to a subset of sites where KIs reported having access to health facilities.

<sup>8</sup>The findings related to a subset of sites where KIs reported having access to education facilities.

## PROTECTION

% of sites per protection severity score:

No or minimal	Stress	Severe	Extreme
0%	34%	66%	0%

Proportion of sites reportedly having no child friendly spaces:



Proportion of sites reportedly having no women spaces:



Proportion of sites where restrictions on movement was reported:



Three most common reported types of safety and security incidents in the 3 months prior to data collection<sup>4</sup>:

Arrests and detention	56%
Friction between community and host communities	47%
Cases of unaccompanied/ separated children	35%

Three most common reported locations of safety and security incidents in the 3 months prior to data collection<sup>4</sup>:

At aid distribution points	61%
When leaving settlement/town	20%
On the way or at water sources	10%

## SHELTER & NON-FOOD ITEMS (NFIs)

% of sites per shelter & NFIs severity score:

No or minimal	Stress	Severe	Extreme
0%	0%	25%	75%

Proportion of sites reportedly having no access to markets selling NFIs:



Three most common reported types of NFIs available at markets<sup>4</sup>:

Sleeping mats	78%
Plastic sheets	65%
Blankets	65%

Proportion of sites where KIs reported shelters damaged by fires or floods in the 3 months prior to data collection:



Proportion of sites where KIs reported cases of evictions in the 3 months prior to data collection:



Proportion of sites where the population was reportedly not able to receive shelter and NFI support:



## WATER, SANITATION & HYGIENE (WASH)

% of sites per WASH severity score:

No or minimal	Stress	Severe	Extreme
0%	0%	100%	0%

### Water:

Proportion of sites reportedly having no access to functioning water sources:



Average time taken to travel to nearest water source, as reported by KIs:<sup>9</sup> **11 minutes**

Three most common reported primary source of water:

Unprotected well	91%
Borehole with submersible pump	9%
NA	NA

The reported types of water treatments were chlorine tablets/ aquatabs (0%), boiling (100%), cloth filter (5%) and other kind of filter (membrane, ceramic, or commercial filter) (0%).

Proportion of sites where the population was reportedly not able to receive water support:



### Sanitation:

Proportion of sites where KIs reported no access to functioning latrines:



Proportion of sites where KIs reported open defecation:



Proportion of sites with toilets in which KIs reported having:<sup>10</sup>

Handwashing facilities	12%
Locks on the inside	20%
Internal lighting	11%

### Hygiene:

Proportion of sites reportedly having no access to bathing facilities:



Average time taken to travel to nearest bathing facility, as reported by KIs:<sup>11</sup> **NA**



Proportion of sites where the population was reportedly not able to receive hygiene support:

<sup>9</sup>The findings related to a subset of sites where KIs reported having access to functioning water sources.

<sup>10</sup>The findings related to a subset of sites where KIs reported having access to latrine.

<sup>11</sup>The findings related to a subset of sites with bathing facilities, as reported by KIs.

## Accountability to Affected Populations

Three most common used sources of information, as reported by KIs:

Radio	93%	<div></div>
Community / religious Leaders	39%	<div></div>
Friends / neighborhood / family	9%	<div></div>

Three most common sources of information for persons with disabilities, as reported by KIs:

Meetings in person	69%	<div></div>
Radio	58%	<div></div>
Posters	56%	<div></div>

Three most reported problems experienced in the delivery of humanitarian assistance:

Assistance did not respond to the actual	93%	<div></div>
Political interference in distribution of aid	41%	<div></div>
Some population groups not receiving aid	34%	<div></div>

Proportion of sites where KIs reported they have access to a feedback mechanism: **64%**

## Camp Coordination and Camp Management

Three most common reported site management by % of settlements

Local authority	100%	<div></div>
Community Leader	9%	<div></div>
UN agency	0%	<div></div>

Three most reported established committees by % of settlements:

Camp Management Committee	93%	<div></div>
Women's committee	43%	<div></div>
Residents' committee	31%	<div></div>

Proportion of sites reporting to have women present in committees: **100%**

Note: The indicators for CCCM and Accountability to Affected Population (AAP) are not part of the severity calculations across the sectors. Hence, the CCCM and AAP sections in this factsheet do not present the severity scores.



The indicators and method for calculating the severity scores for each sector were developed in coordination with CCCM partners. The composite indicator for each sector was composed of a set of indicators and a method for scoring these indicators has been developed to evaluate the severity of needs. The scoring of the indicators was based on the responses from the KI interviews. Forty-two (42) indicators were selected to assess the severity of needs across seven sectors. Each indicator was granted a severity score from 1 to 4, with 1 being the least severe and 4 being the most severe. For each sector, the overall score was determined by calculating the median score of all indicators included in the sector. At the national level, the final severity score for each sector was determined by selecting the severity score in which at least 20% of the total proportion of sites fall in.

### Indicators per cluster:

**Shelter / NFI:** Access to and availability of NFI and building material in local/nearby markets; Basic NFIs available; Shelter occupation and density; Shelter quality; Shelter & NFI support activities; Security of tenure; Hazards; Public lighting

**WASH:** Access to and availability of functional water sources; Access to and availability of functional toilets; Access to and availability of bathing facilities; Primary; secondary; and domestic water sources; Toilets with locks; Toilets with internal lighting; Toilets with handwashing facilities; WASH support activities; Water treatment; Presence of open defecation; Disposal of solid waste

**Health:** Access to and availability of health facilities; Health services available; Skilled health personnel for women giving birth; Health support activities; Most common health problems

**Nutrition:** Access to and availability of nutrition services; Distribution of nutrition items; Nutrition support activities

**Education:** Access to and availability of learning facilities; Gender segregated latrines; Fences and clear demarcation

**Food Security:** Access to and availability of food markets; Primary and secondary food sources; Food security support received; Land available

**Protection:** Covered spaces; Women spaces; Child-friendly spaces; Types of safety and security incidents; Locations of safety and security incidents; Restrictions to movement

For a more detailed overview of the methodology and a comprehensive list of all the composite indicators that were used, you can access the terms of reference (ToR) [here](#). The indicators and their respective thresholds are included in the annex section of the ToR, page 56-78.

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### About REACH:

REACH facilitates the development of information tools and products that enhance the capacity of aid actors to make evidence-based decisions in emergency, recovery and development contexts. The methodologies used by REACH include primary data collection and in-depth analysis, and all activities are conducted through inter-agency aid coordination mechanisms. REACH is a joint initiative of IMPACT Initiatives, ACTED and the United Nations Institute for Training and Research - Operational Satellite Applications Programme (UNITAR-UNOSAT). For more information please visit our website: [www.reach-initiative.org](http://www.reach-initiative.org). You can contact us directly at: [geneva@reach-initiative.org](mailto:geneva@reach-initiative.org) and follow us on Twitter @REACH\_info.