



# Aweil Centre County - Water, Sanitation and Hygiene Factsheet

Northern Bahr el Ghazal State, South Sudan



November/December 2018

## Overview and Methodology

The dynamic and multi-faceted nature of the South Sudanese displacement crisis has created significant challenges for the delivery of humanitarian aid. Accessibility and security issues within South Sudan have impeded a systematic understanding of WASH needs in many areas of the country, and have created difficulties in establishing a clear and unambiguous system for prioritizing the delivery of aid, thereby limiting the effectiveness of humanitarian planning and limiting the potential impact of donor funding. As this crisis continues to expand, evolve and spill into neighbouring countries, it has become increasingly important to fill information gaps to inform a more effective humanitarian response and planning for immediate life-saving WASH activities and contingency planning for durable solutions.

In 2018, REACH, in close coordination with the WASH Cluster, identified five core WASH indicators: 1. % of Households (HHs) by displacement status; 2. % of HHs reported having safe access to and use an improved water source (borehole, tapstand, water yard) as their main source of drinking water; 3. % of HHs reported having access to a latrine (private, shared, or communal/institutional); 4. % of HHs reported having access to key WASH NFIs (soap, mosquito nets, water containers); and 5. % of HH reported that one or more HH member was affected by self-reported water or vector borne disease in the two weeks prior to data collection.

These five indicators were used to establish the first

## Displacement

Percentage of households by displacement status <sup>1</sup>:



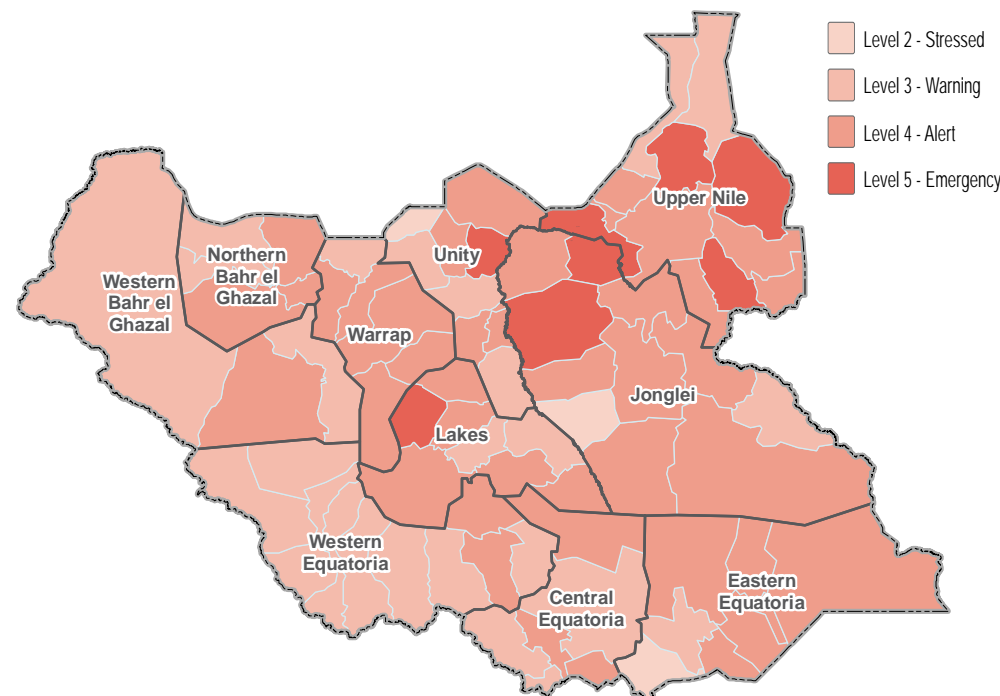
countrywide WASH baseline in July and August of 2018 during Round 22 of the Food Security and Nutrition Monitoring System (FSNMS). FSNMS partners agreed to once again incorporate WASH cluster indicators for FSNMS Round 23 (November and December of 2018). FSNMS is a seasonal countrywide assessment conducted, funded and run by the World Food Programme, UNICEF, and the Food and Agriculture Organization, and supported by REACH in Round 22. FSNMS, established in 2010, is a representative survey that employs two-stage cluster sampling, using a state based sample size and cluster determination. In each county, access permitting, 9 clusters were selected and 12 households interviewed per cluster.

FSNMS is a critical source of information that allows for the identification of affected areas, the prioritization of resources and for monitoring trends. The data collected during FSNMS is used for the Integrated Food Security Phase Classification (IPC) analysis, the Humanitarian Needs Overview (HNO) and the Humanitarian Response Plan (HRP), as well as additional decision making platforms.

## FSNMS Assessment Coverage

Full coverage in the county was achieved.

## WASH Needs Severity Map



This WASH composite aims to measure the severity of WASH needs in each county. The composite was created with four indicators, each broken into 5 levels of severity, as seen in this matrix <http://bit.ly/2EqRYwJ>. The final severity ranking was created by calculating the average level from the following indicators: -Not having safe access to and use an improved water source (borehole, tapstand, water yard) as a main source of drinking water.

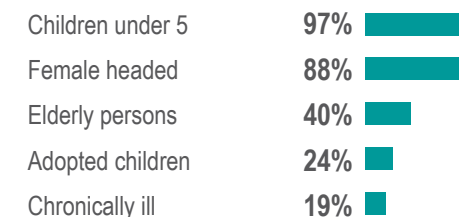
- Not having access to a latrine (private, shared, or communal/institutional).  
- Not owning a jerrycan or bucket with a lid and soap, and that every member of the HH did not sleep under a mosquito net.  
- Having one or more household members affected by self-reported water or vector borne disease in the two weeks prior to data collection.

Percentage of returnee households by time arrived in their current location:

Percentage of IDP households by time arrived in their current location:



Most commonly reported vulnerability, by percentage of households: (more than one answer was possible)





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Northern Bahr el Ghazal State, South Sudan

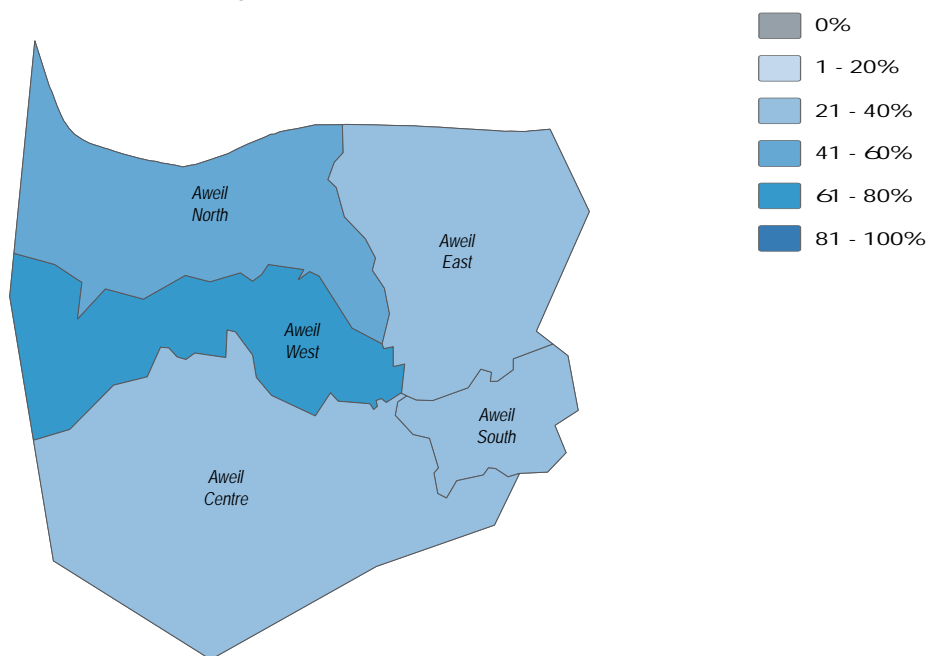


November/December 2018

## Water

- 54%** of Aweil Centre County HHs reported having safe access to an improved source of drinking water as their main source, in November and December, 2018. This was a decrease from the previous season.
- 59%** of Aweil Centre County HHs reported having safe access to an improved source of drinking water as their main source, in July and August, 2018.
- 1%** of HHs reported feeling unsafe while collecting water, in November and December, 2018. This was a decrease from the previous season.
- 3%** of HHs reported feeling unsafe while collecting water, in July and August, 2018.

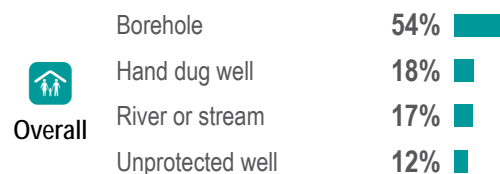
% of HHs having safe access to and use an improved water source (borehole, tapstand, water yard) as their main source of drinking water in under 30 minutes:



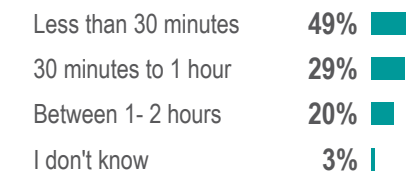
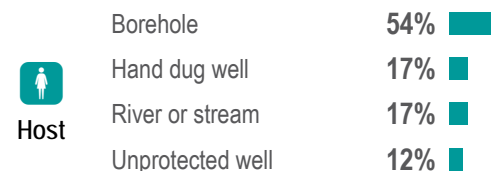
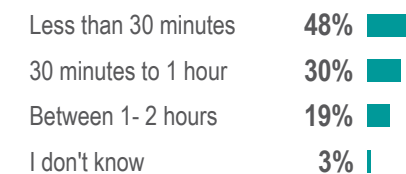
This simple water access composite aims to measure access to an improved water source, without protection concern. The composite was created by averaging the 'yes' responses of households reporting on the following indicators, with all indicators considered to have the same weight:

- Access to a borehole, tapstand, or water yard as the primary source of drinking water
- Can collect water (walking to collection point, waiting, filling container, returning home) in under 30 minutes
- Did not report any security concerns while accessing water point

Most commonly reported sources of drinking water by percentage of households:



Most commonly reported time spent collecting drinking water (walking to collection point, waiting, filling container, returning home) by percentage of households:





# Aweil Centre County - Water, Sanitation and Hygiene Factsheet

Northern Bahr el Ghazal State, South Sudan

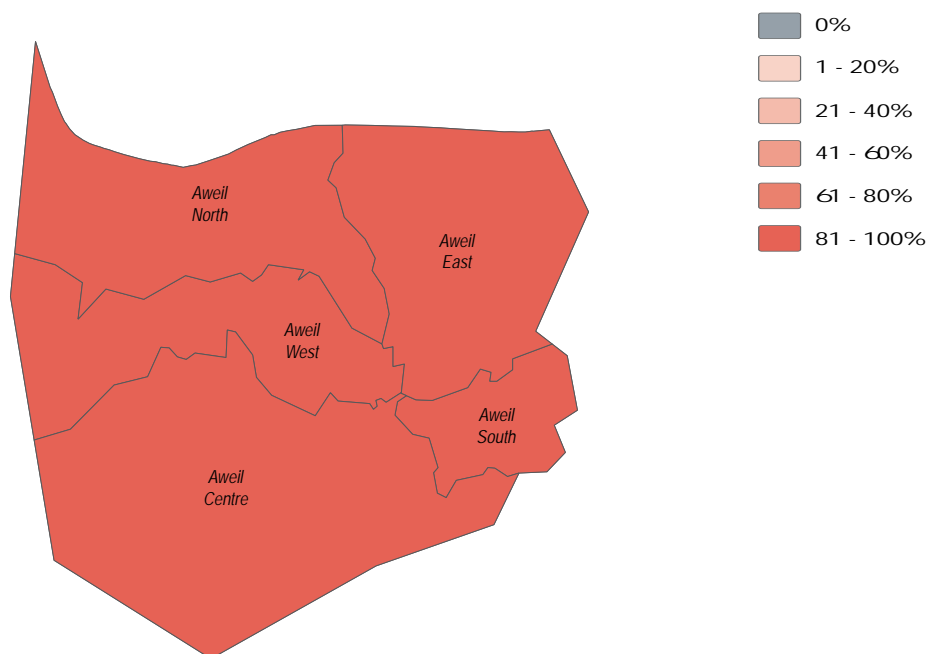


November/December 2018

## Sanitation

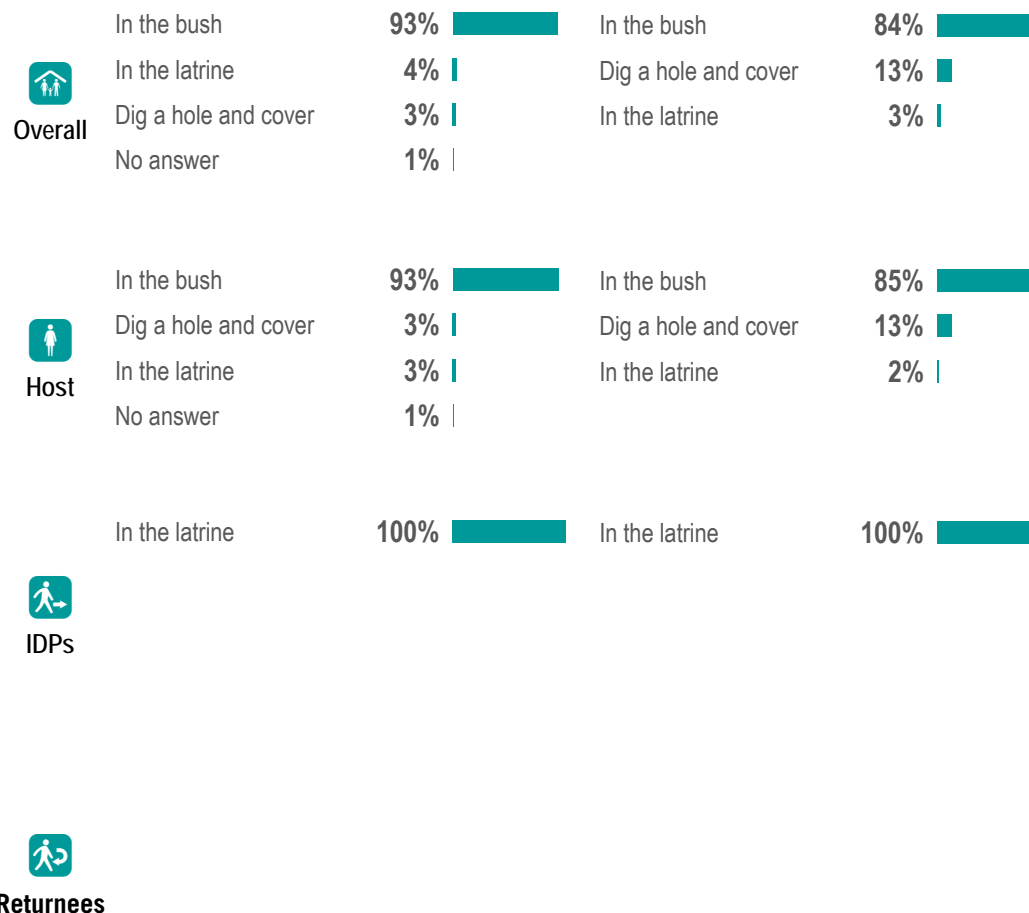
- 18%** of Aweil Centre County HHs reported having access to a latrine (private, shared, or communal/institutional), in November and December, 2018. This was an increase from the previous season.
- 13%** of Aweil Centre County HHs reported having access to a latrine (private, shared, or communal/institutional), in July and August, 2018.
- 4%** of HHs reported their most common defecation location was a latrine, in November and December, 2018. This was a decrease from the previous season.
- 9%** of HHs reported their most common defecation location was a latrine, in July and August, 2018.

% of HHs not usually using a latrine (private, shared, or communal/institutional)<sup>2</sup>:



Most commonly reported defecation location by percentage of households:

Most commonly reported excreta disposal methods for children under five by percentage of households:





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Northern Bahr el Ghazal State, South Sudan

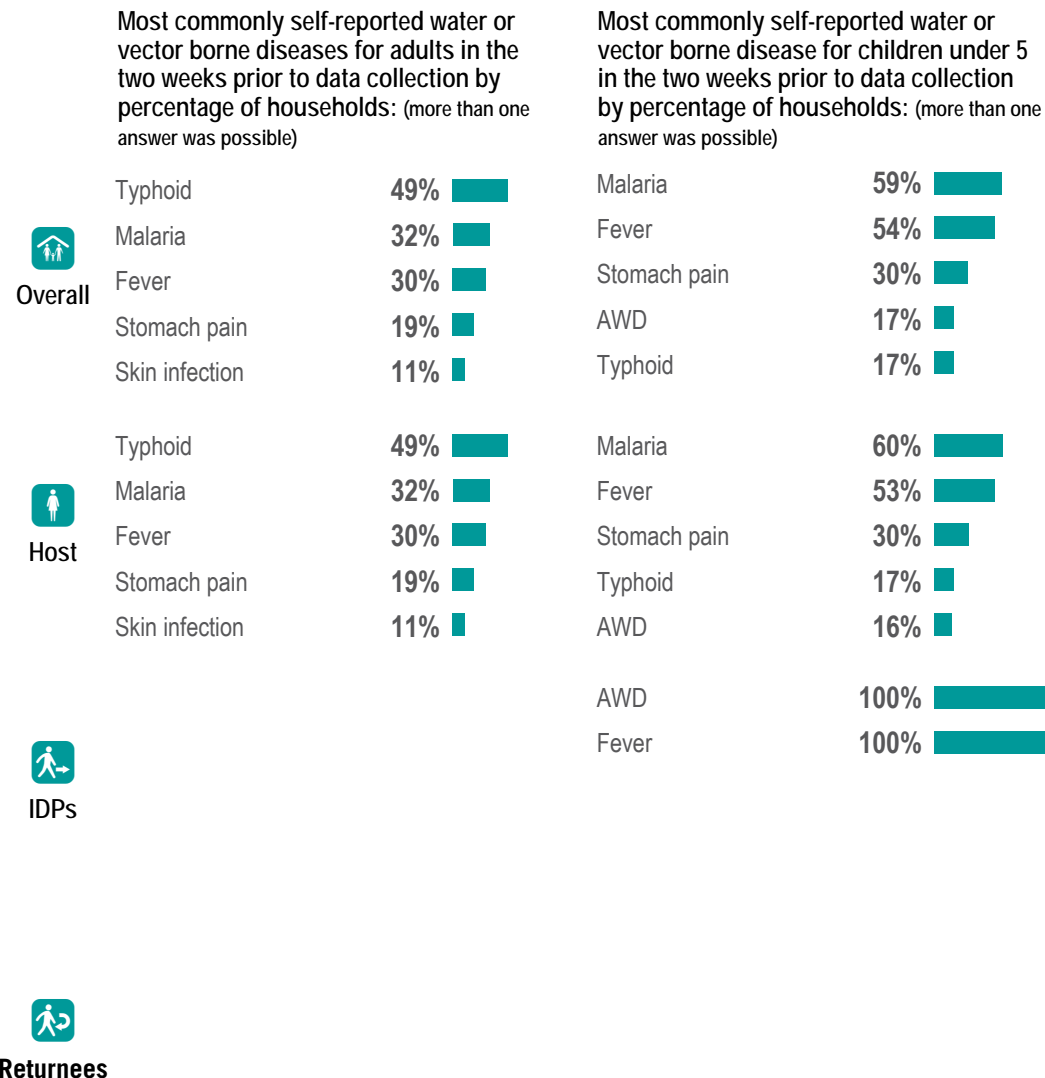
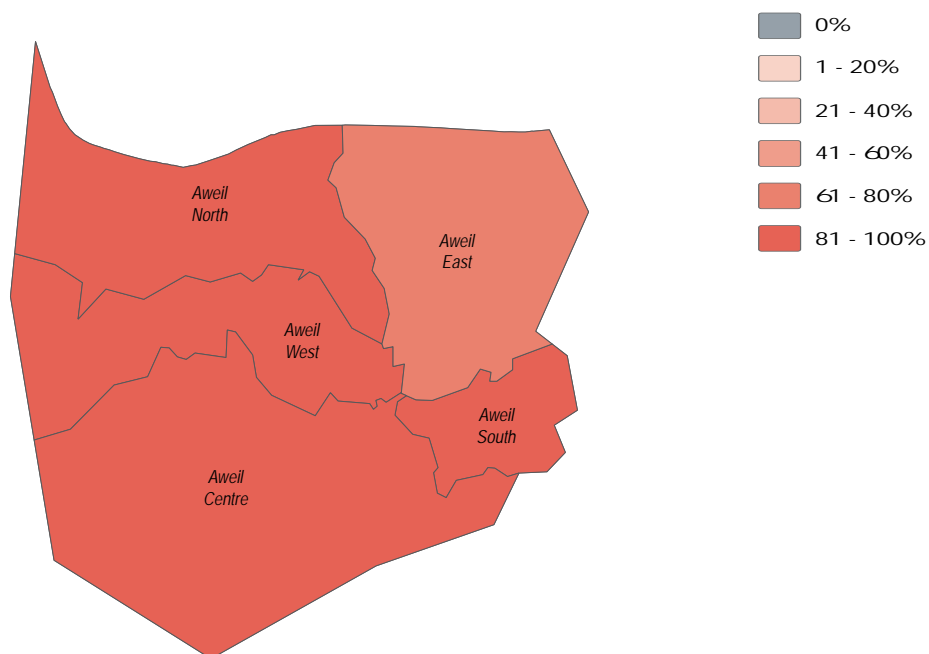


November/December 2018

## Health

- 81%** of Aweil Centre County HHs reported one or more HH member was affected by self-reported water or vector borne disease in the two weeks prior to data collection, in November and December, 2018. This was an increase from the previous season.
- 54%** of Aweil Centre County HHs reported one or more HH member was affected by self-reported water or vector borne disease in the two weeks prior to data collection, in July and August, 2018.
- Malaria** was the most commonly reported water or vector borne disease in November and December, 2018. This was different to the previous season.
- Fever** was the most commonly reported water or vector borne disease in July and August, 2018.

% of HH with one or more HH member affected by self-reported water or vector borne disease in the two weeks prior to data collection:





# Aweil Centre County - Water, Sanitation and Hygiene Factsheet

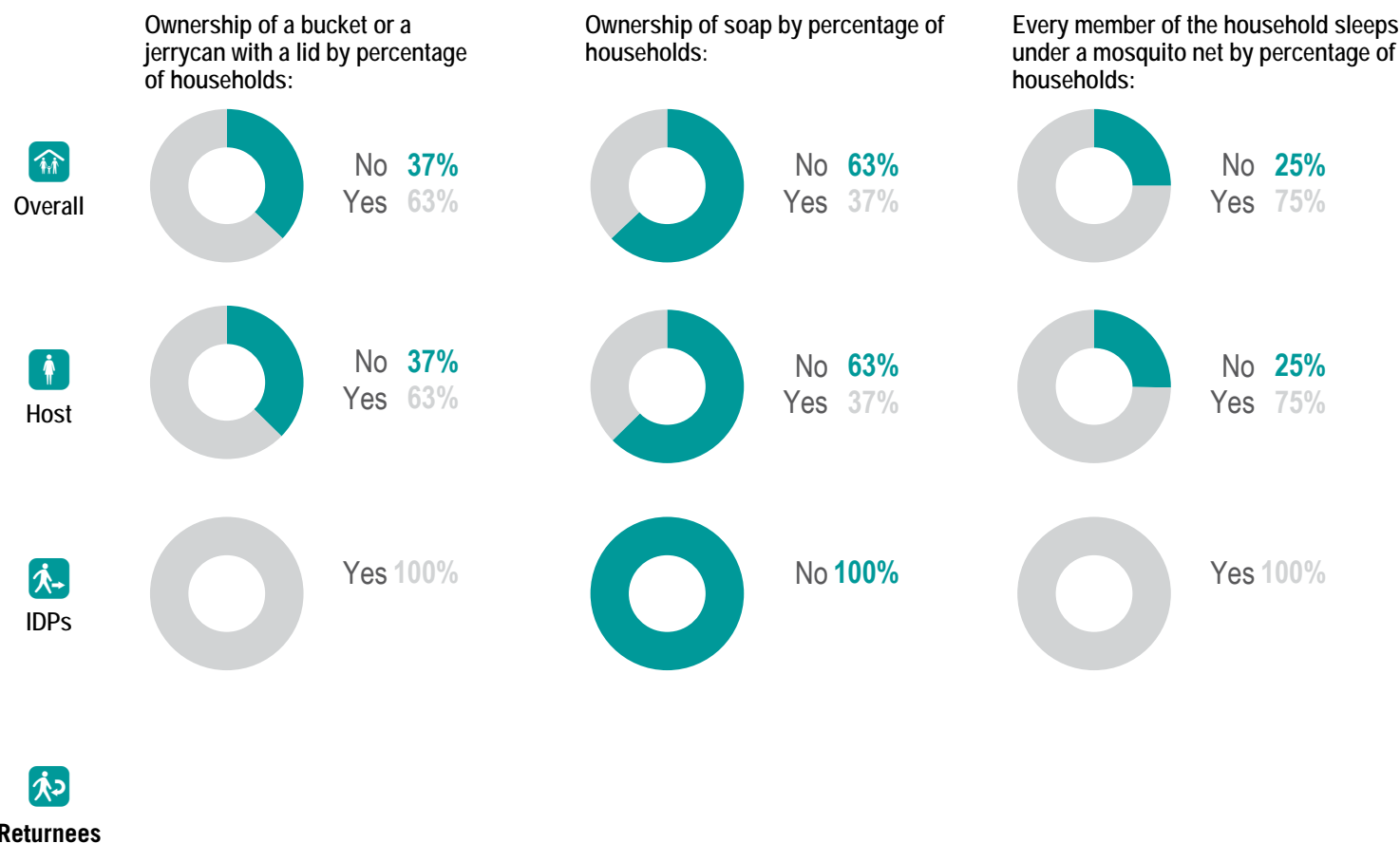
Northern Bahr el Ghazal State, South Sudan



November/December 2018

## NFI WASH NFIs

- 19%** of Aweil Centre County HHs reported owning at least one jerrycan or bucket with a lid, with access to soap, and that every member of the HH slept under a mosquito net in November and December, 2018. This was a decrease from the previous season.
- 37%** of Aweil Centre County HHs reported owning at least one jerrycan or bucket with a lid, with access to soap, and that every member of the HH slept under a mosquito net in HH in July and August, 2018.
- 1** was the average number of jerrycans and/or buckets per HH in July and August, 2018. This was a decrease from the previous season.
- 3** was the average number of jerrycans and/or buckets per HH in November and December, 2018.



### Endnotes

1. This data is as of November/December 2018. Note, population movement remains fluid.
2. An institutional latrine can be found in a school, hospital, clinic, market place.
3. HHs are asked to produce soap within a minute when assessing the presence of soap in the HH, as if they are not able to locate it within a minute then it stands to reason it is not commonly used.
4. The composite was created by averaging the 'yes' responses of HHs reporting on the following indicators, with all considered to have the same weight: access to soap, access to jerrycans/buckets with lids, everyone in the HH slept under a mosquito net.

### 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. All REACH activities are conducted through inter-agency aid coordination mechanisms.

For more information, you can write to our in-country office: [southsudan@reach-initiative.org](mailto:southsudan@reach-initiative.org) or to our global office: [geneva@reach-initiative.org](mailto:geneva@reach-initiative.org).

Visit [www.reach-initiative.org](http://www.reach-initiative.org) and follow us @REACH\_info.





# Aweil East County - Water, Sanitation and Hygiene Factsheet

Northern Bahr el Ghazal State, South Sudan



November/December 2018

## Overview and Methodology

The dynamic and multi-faceted nature of the South Sudanese displacement crisis has created significant challenges for the delivery of humanitarian aid. Accessibility and security issues within South Sudan have impeded a systematic understanding of WASH needs in many areas of the country, and have created difficulties in establishing a clear and unambiguous system for prioritizing the delivery of aid, thereby limiting the effectiveness of humanitarian planning and limiting the potential impact of donor funding. As this crisis continues to expand, evolve and spill into neighbouring countries, it has become increasingly important to fill information gaps to inform a more effective humanitarian response and planning for immediate life-saving WASH activities and contingency planning for durable solutions.

In 2018, REACH, in close coordination with the WASH Cluster, identified five core WASH indicators: 1. % of Households (HHs) by displacement status; 2. % of HHs reported having safe access to and use an improved water source (borehole, tapstand, water yard) as their main source of drinking water; 3. % of HHs reported having access to a latrine (private, shared, or communal/institutional); 4. % of HHs reported having access to key WASH NFIs (soap, mosquito nets, water containers); and 5. % of HH reported that one or more HH member was affected by self-reported water or vector borne disease in the two weeks prior to data collection.

These five indicators were used to establish the first

## Displacement

Percentage of households by displacement status <sup>1</sup>:



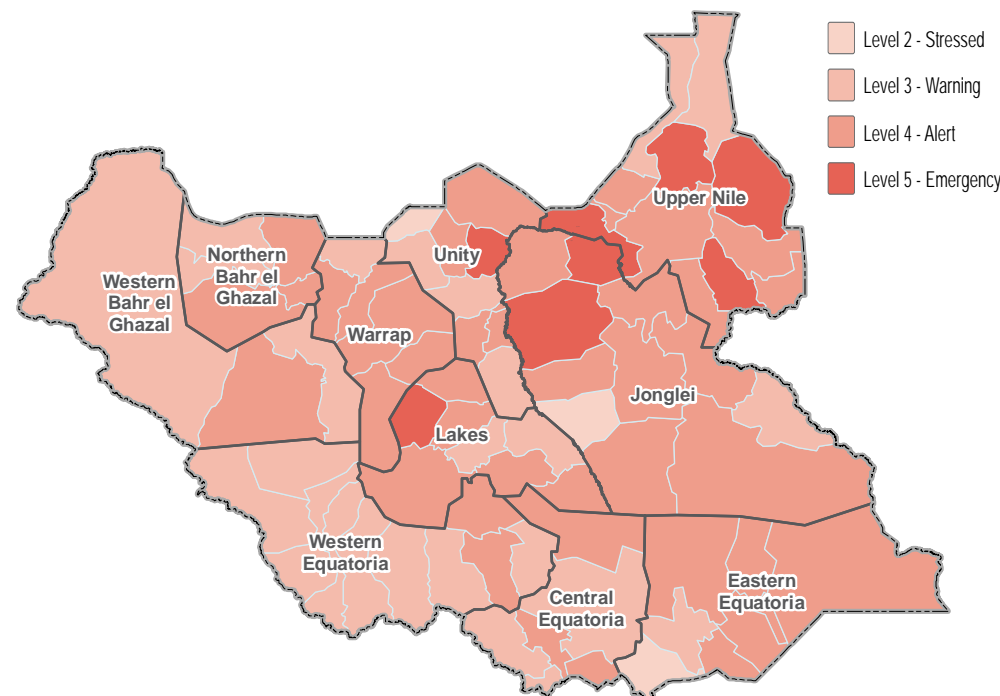
countrywide WASH baseline in July and August of 2018 during Round 22 of the Food Security and Nutrition Monitoring System (FSNMS). FSNMS partners agreed to once again incorporate WASH cluster indicators for FSNMS Round 23 (November and December of 2018). FSNMS is a seasonal countrywide assessment conducted, funded and run by the World Food Programme, UNICEF, and the Food and Agriculture Organization, and supported by REACH in Round 22. FSNMS, established in 2010, is a representative survey that employs two-stage cluster sampling, using a state based sample size and cluster determination. In each county, access permitting, 9 clusters were selected and 12 households interviewed per cluster.

FSNMS is a critical source of information that allows for the identification of affected areas, the prioritization of resources and for monitoring trends. The data collected during FSNMS is used for the Integrated Food Security Phase Classification (IPC) analysis, the Humanitarian Needs Overview (HNO) and the Humanitarian Response Plan (HRP), as well as additional decision making platforms.

## FSNMS Assessment Coverage

Full coverage in the county was achieved.

## WASH Needs Severity Map



This WASH composite aims to measure the severity of WASH needs in each county. The composite was created with four indicators, each broken into 5 levels of severity, as seen in this matrix <http://bit.ly/2EqRYwJ>. The final severity ranking was created by calculating the average level from the following indicators: -Not having safe access to and use an improved water source (borehole, tapstand, water yard) as a main source of drinking water.

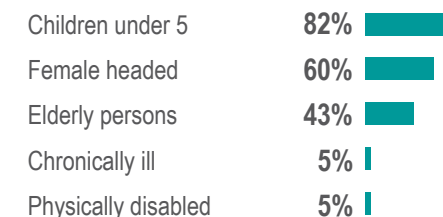
- Not having access to a latrine (private, shared, or communal/institutional).  
- Not owning a jerrycan or bucket with a lid and soap, and that every member of the HH did not sleep under a mosquito net.  
- Having one or more household members affected by self-reported water or vector borne disease in the two weeks prior to data collection.

Percentage of IDP households by time arrived in their current location:



Percentage of returnee households by time arrived in their current location:

Most commonly reported vulnerability, by percentage of households: (more than one answer was possible)





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Northern Bahr el Ghazal State, South Sudan

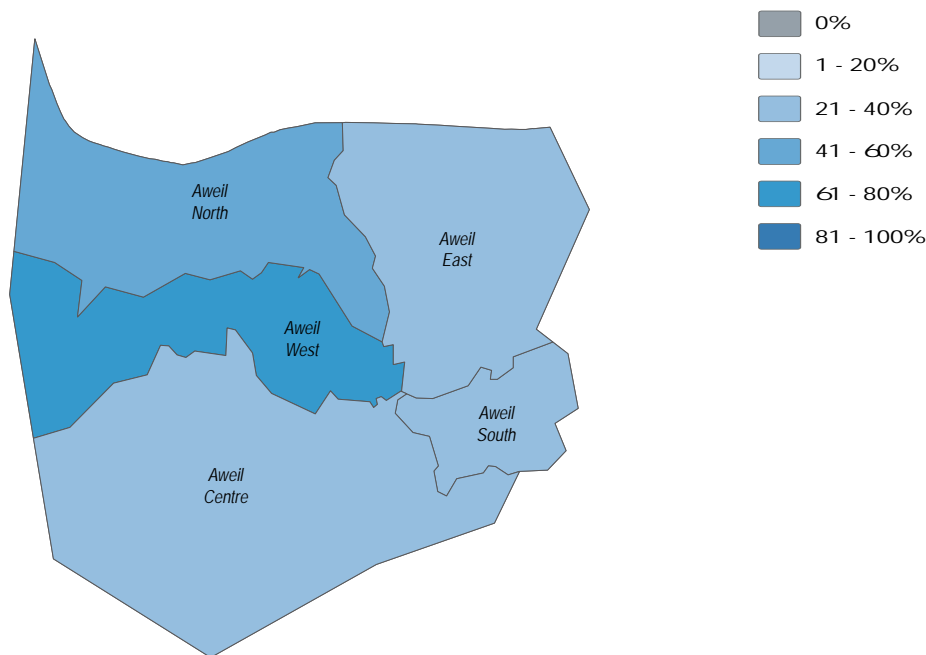


November/December 2018

## Water

- 43%** of Aweil East County HHs reported having safe access to an improved source of drinking water as their main source, in November and December, 2018. This was a decrease from the previous season.
- 62%** of Aweil East County HHs reported having safe access to an improved source of drinking water as their main source, in July and August, 2018.
- 10%** of HHs reported feeling unsafe while collecting water, in November and December, 2018. This was an increase from the previous season.
- 6%** of HHs reported feeling unsafe while collecting water, in July and August, 2018.

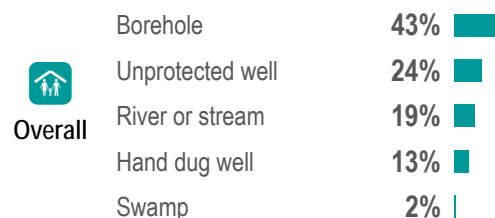
% of HHs having safe access to and use an improved water source (borehole, tapstand, water yard) as their main source of drinking water in under 30 minutes:



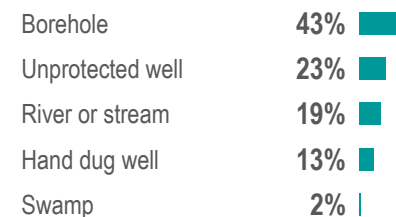
This simple water access composite aims to measure access to an improved water source, without protection concern. The composite was created by averaging the 'yes' responses of households reporting on the following indicators, with all indicators considered to have the same weight:

- Access to a borehole, tapstand, or water yard as the primary source of drinking water
- Can collect water (walking to collection point, waiting, filling container, returning home) in under 30 minutes
- Did not report any security concerns while accessing water point

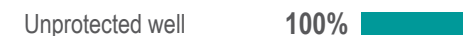
Most commonly reported sources of drinking water by percentage of households:



Overall



Host

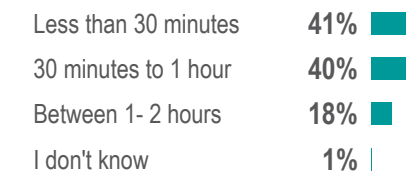
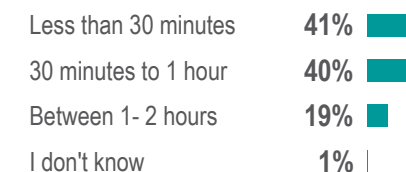


IDPs



Returnees

Most commonly reported time spent collecting drinking water (walking to collection point, waiting, filling container, returning home) by percentage of households:





# Aweil East County - Water, Sanitation and Hygiene Factsheet

Northern Bahr el Ghazal State, South Sudan

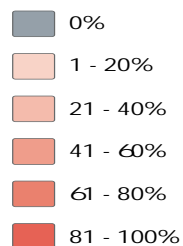
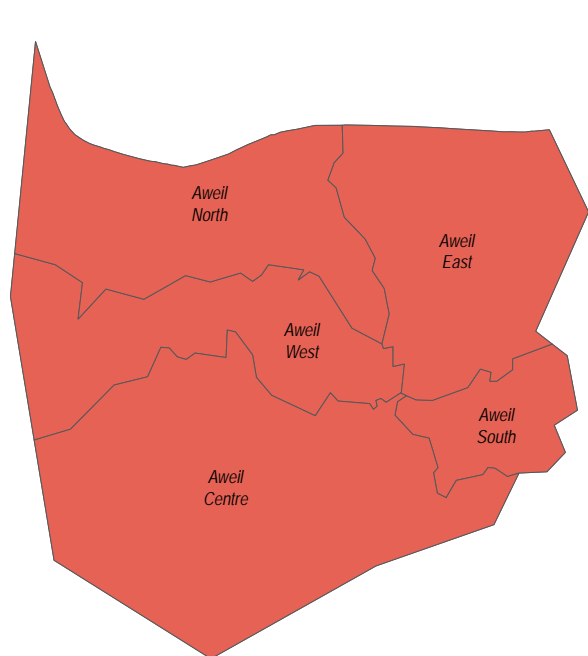


November/December 2018

## Sanitation

- 2%** of **Aweil East County** HHs reported having access to a latrine (private, shared, or communal/institutional), in November and December, 2018. This was an increase from the previous season.
- 1%** of **Aweil East County** HHs reported having access to a latrine (private, shared, or communal/institutional), in July and August, 2018.
- 1%** of HHs reported their most common defecation location was a latrine, in November and December, 2018. This was the same as the previous season.
- 1%** of HHs reported their most common defecation location was a latrine, in July and August, 2018.

% of HHs not usually using a latrine (private, shared, or communal/institutional)<sup>2</sup>:



Most commonly reported defecation location by percentage of households:

Most commonly reported excreta disposal methods for children under five by percentage of households:







# Aweil East County - Water, Sanitation and Hygiene Factsheet

Northern Bahr el Ghazal State, South Sudan



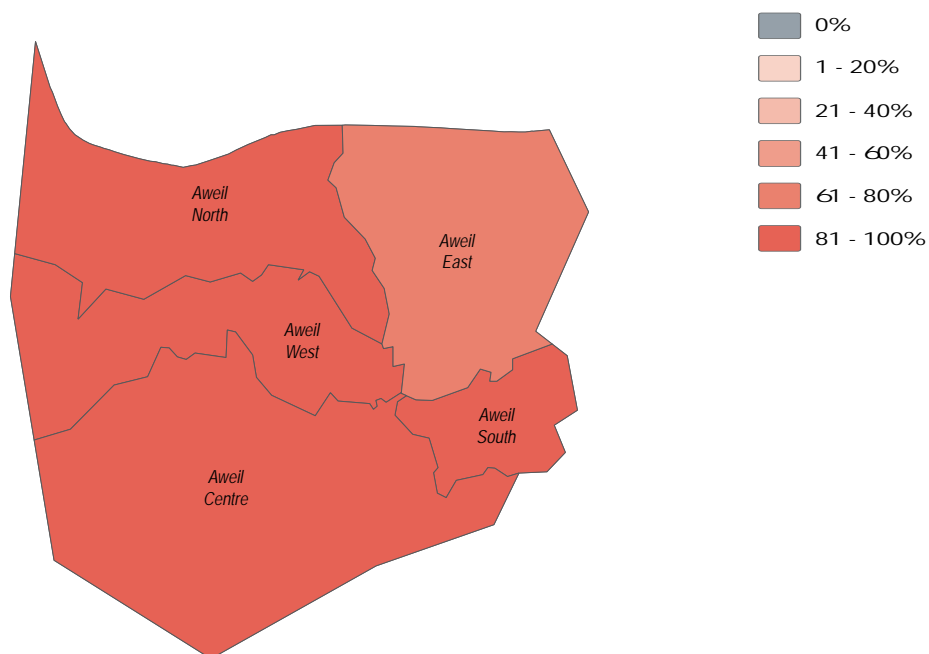
November/December 2018



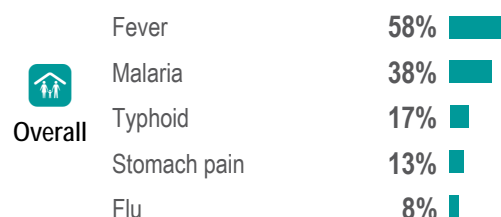
## Health

- 70%** of Aweil East County HHs reported one or more HH member was affected by self-reported water or vector borne disease in the two weeks prior to data collection, in November and December, 2018. This was a decrease from the previous season.
- 72%** of Aweil East County HHs reported one or more HH member was affected by self-reported water or vector borne disease in the two weeks prior to data collection, in July and August, 2018.
- Fever** was the most commonly reported water or vector borne disease in November and December, 2018. This was the same as the previous season.
- Fever** was the most commonly reported water or vector borne disease in July and August, 2018.

% of HH with one or more HH member affected by self-reported water or vector borne disease in the two weeks prior to data collection:



Most commonly self-reported water or vector borne diseases for adults in the two weeks prior to data collection by percentage of households: (more than one answer was possible)



Overall



Host

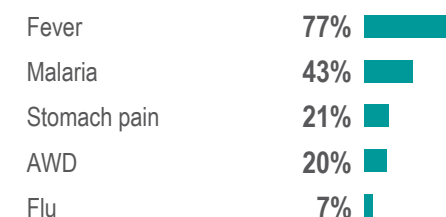
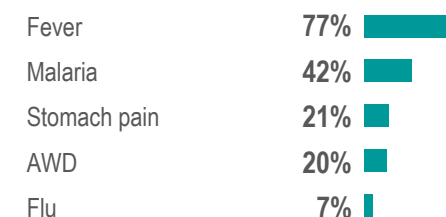


IDPs



Returnees

Most commonly self-reported water or vector borne disease for children under 5 in the two weeks prior to data collection by percentage of households: (more than one answer was possible)





# Aweil East County - Water, Sanitation and Hygiene Factsheet

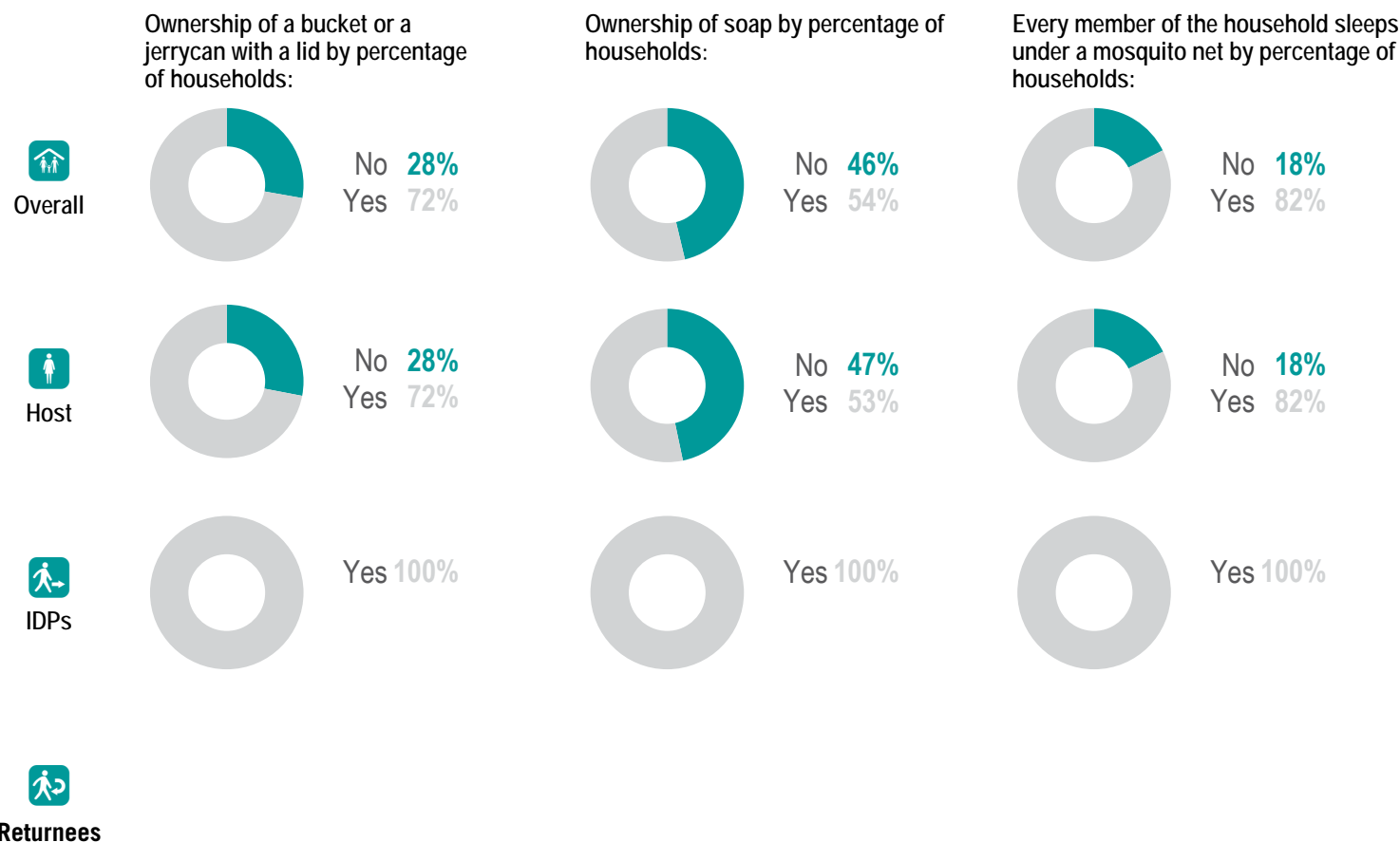
Northern Bahr el Ghazal State, South Sudan



November/December 2018

## NFI WASH NFIs

- 5%** of Aweil East County HHs reported owning at least one jerrycan or bucket with a lid, with access to soap, and that every member of the HH slept under a mosquito net in November and December, 2018. This was a decrease from the previous season.
- 9%** of Aweil East County HHs reported owning at least one jerrycan or bucket with a lid, with access to soap, and that every member of the HH slept under a mosquito net in HH in July and August, 2018.
- 2** was the average number of jerrycans and/or buckets per HH in July and August, 2018. This was the same as the previous season.
- 2** was the average number of jerrycans and/or buckets per HH in November and December, 2018.



### Endnotes

1. This data is as of November/December 2018. Note, population movement remains fluid.
2. An institutional latrine can be found in a school, hospital, clinic, market place.
3. HHs are asked to produce soap within a minute when assessing the presence of soap in the HH, as if they are not able to locate it within a minute then it stands to reason it is not commonly used.
4. The composite was created by averaging the 'yes' responses of HHs reporting on the following indicators, with all considered to have the same weight: access to soap, access to jerrycans/buckets with lids, everyone in the HH slept under a mosquito net.

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Visit [www.reach-initiative.org](http://www.reach-initiative.org) and follow us @REACH\_info.



# Aweil North County - Water, Sanitation and Hygiene Factsheet

Northern Bahr el Ghazal State, South Sudan



November/December 2018

## Overview and Methodology

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In 2018, REACH, in close coordination with the WASH Cluster, identified five core WASH indicators: 1. % of Households (HHs) by displacement status; 2. % of HHs reported having safe access to and use an improved water source (borehole, tapstand, water yard) as their main source of drinking water; 3. % of HHs reported having access to a latrine (private, shared, or communal/institutional); 4. % of HHs reported having access to key WASH NFIs (soap, mosquito nets, water containers); and 5. % of HH reported that one or more HH member was affected by self-reported water or vector borne disease in the two weeks prior to data collection.

These five indicators were used to establish the first

## Displacement

Percentage of households by displacement status <sup>1</sup>:

Host community **100%**

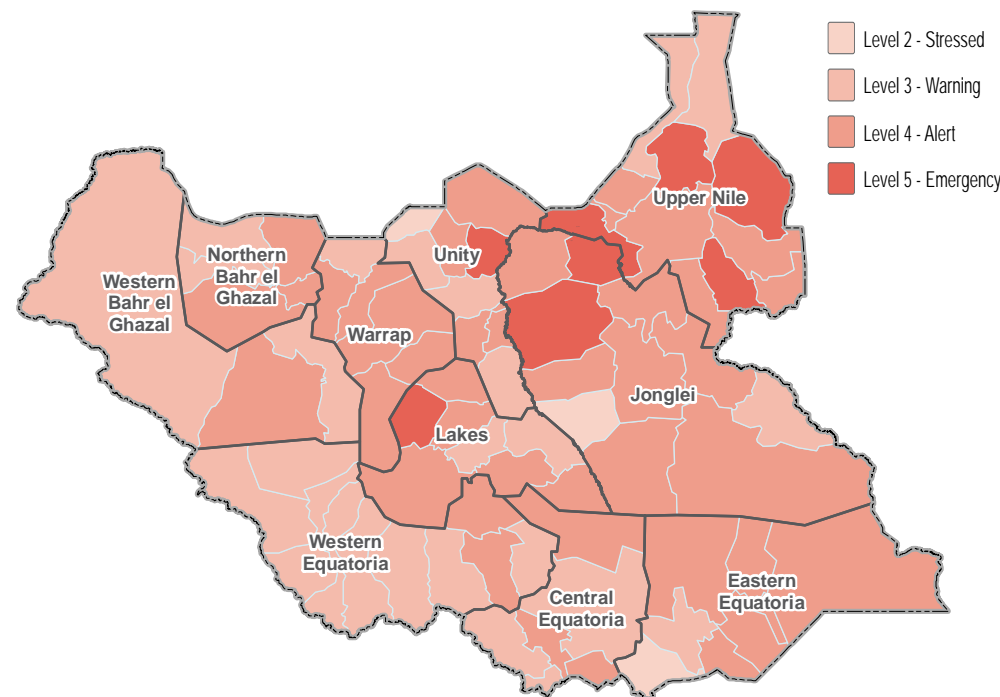
countrywide WASH baseline in July and August of 2018 during Round 22 of the Food Security and Nutrition Monitoring System (FSNMS). FSNMS partners agreed to once again incorporate WASH cluster indicators for FSNMS Round 23 (November and December of 2018). FSNMS is a seasonal countrywide assessment conducted, funded and run by the World Food Programme, UNICEF, and the Food and Agriculture Organization, and supported by REACH in Round 22. FSNMS, established in 2010, is a representative survey that employs two-stage cluster sampling, using a state based sample size and cluster determination. In each county, access permitting, 9 clusters were selected and 12 households interviewed per cluster.

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## FSNMS Assessment Coverage

Full coverage in the county was achieved.

## WASH Needs Severity Map



This WASH composite aims to measure the severity of WASH needs in each county. The composite was created with four indicators, each broken into 5 levels of severity, as seen in this matrix <http://bit.ly/2EgRYwJ>. The final severity ranking was created by calculating the average level from the following indicators: -Not having safe access to and use an improved water source (borehole, tapstand, water yard) as a main source of drinking water.

- Not having access to a latrine (private, shared, or communal/institutional).  
- Not owning a jerrycan or bucket with a lid and soap, and that every member of the HH did not sleep under a mosquito net.  
- Having one or more household members affected by self-reported water or vector borne disease in the two weeks prior to data collection.

Percentage of IDP households by time arrived in their current location:

Percentage of returnee households by time arrived in their current location:

Most commonly reported vulnerability, by percentage of households: (more than one answer was possible)

Children under 5	74%
Female headed	46%
Elderly persons	34%
Physically disabled	15%
Adopted children	6%



# Aweil North County - Water, Sanitation and Hygiene Factsheet

Northern Bahr el Ghazal State, South Sudan

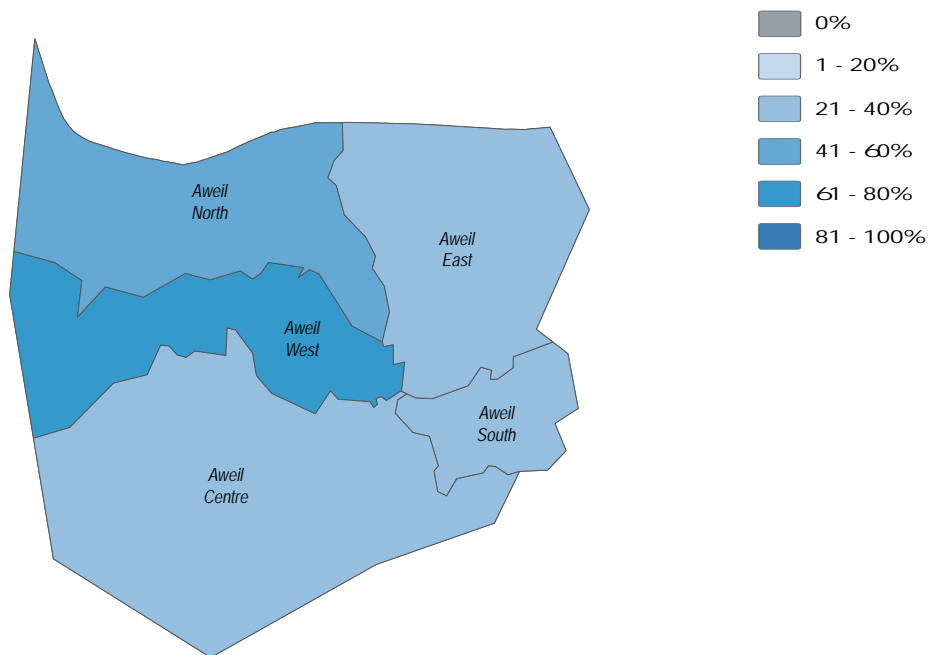


November/December 2018

## Water

- 96%** of Aweil North County HHs reported having safe access to an improved source of drinking water as their main source, in November and December, 2018. This was a decrease from the previous season.
- 98%** of Aweil North County HHs reported having safe access to an improved source of drinking water as their main source, in July and August, 2018.
- 18%** of HHs reported feeling unsafe while collecting water, in November and December, 2018. This was an increase from the previous season.
- 9%** of HHs reported feeling unsafe while collecting water, in July and August, 2018.

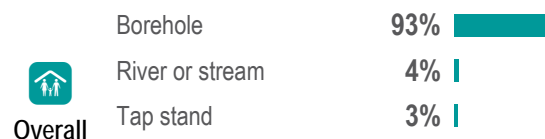
% of HHs having safe access to and use an improved water source (borehole, tapstand, water yard) as their main source of drinking water in under 30 minutes:



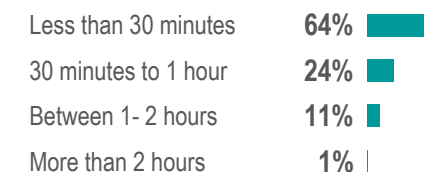
This simple water access composite aims to measure access to an improved water source, without protection concern. The composite was created by averaging the 'yes' responses of households reporting on the following indicators, with all indicators considered to have the same weight:

- Access to a borehole, tapstand, or water yard as the primary source of drinking water
- Can collect water (walking to collection point, waiting, filling container, returning home) in under 30 minutes
- Did not report any security concerns while accessing water point

Most commonly reported sources of drinking water by percentage of households:



Most commonly reported time spent collecting drinking water (walking to collection point, waiting, filling container, returning home) by percentage of households:



Overall



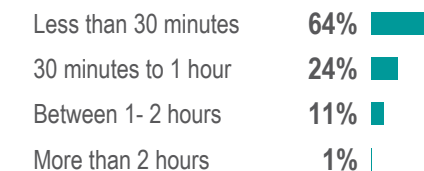
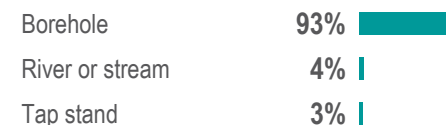
Host



IDPs



Returnees





# Aweil North County - Water, Sanitation and Hygiene Factsheet

Northern Bahr el Ghazal State, South Sudan

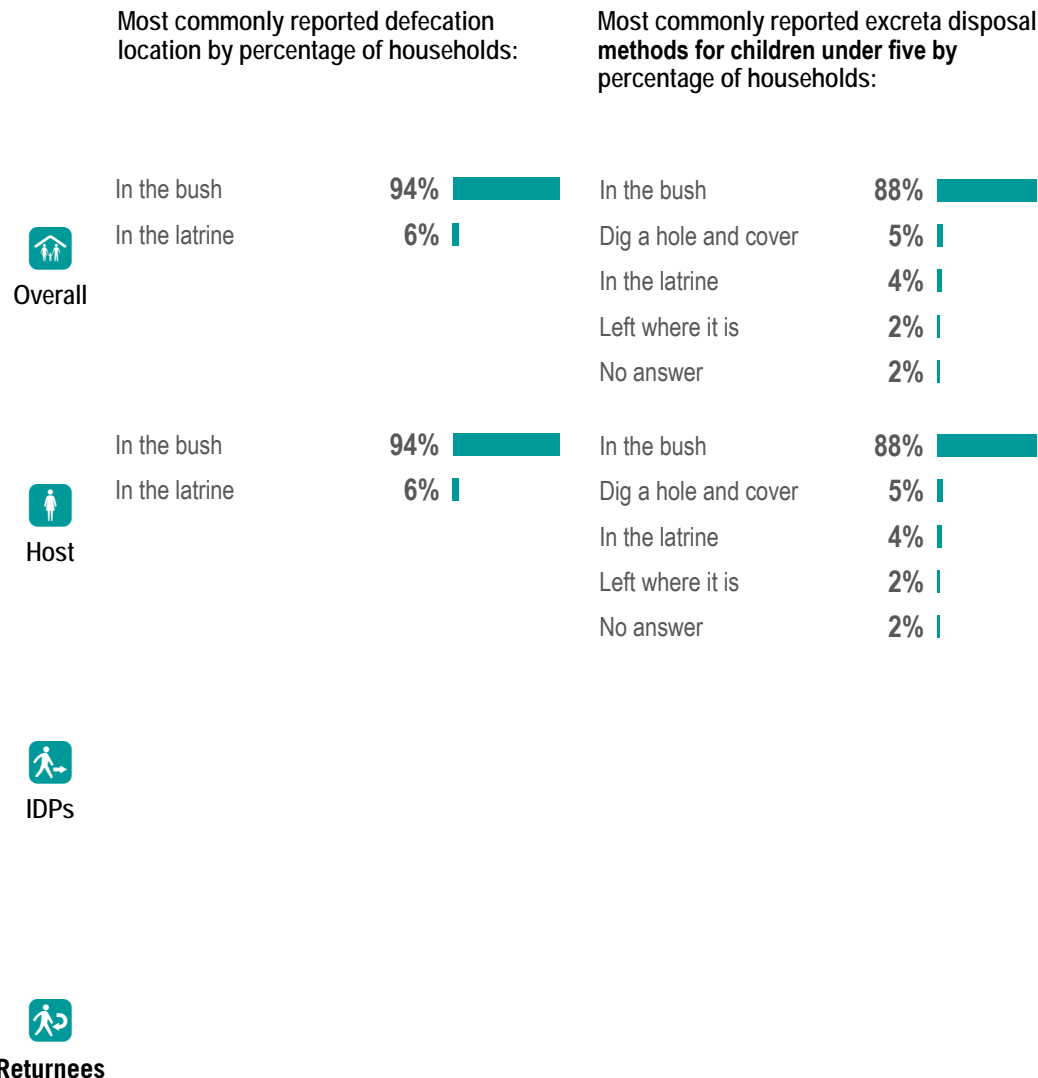
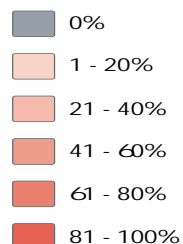
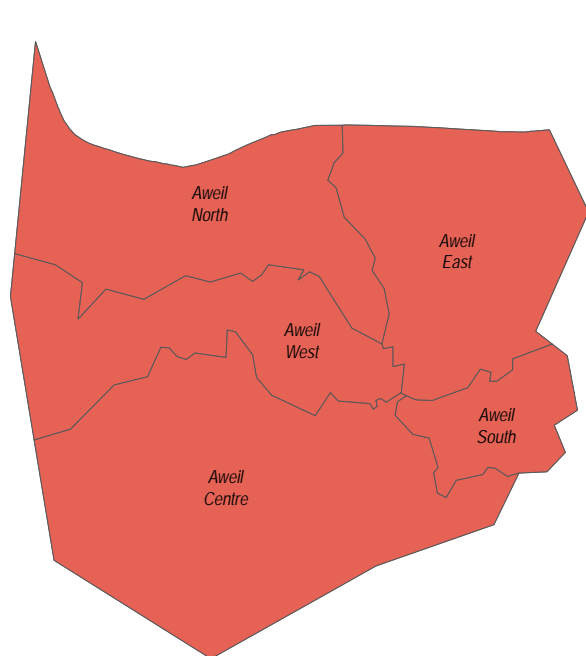


November/December 2018

## Sanitation

- 6%** of **Aweil North County** HHs reported having access to a latrine (private, shared, or communal/institutional), in November and December, 2018. This was a decrease from the previous season.
- 7%** of **Aweil North County** HHs reported having access to a latrine (private, shared, or communal/institutional), in July and August, 2018.
- 6%** of HHs reported their most common defecation location was a latrine, in November and December, 2018. This was an increase from the previous season.
- 4%** of HHs reported their most common defecation location was a latrine, in July and August, 2018.

% of HHs not usually using a latrine (private, shared, or communal/institutional)<sup>2</sup>:





# Aweil North County - Water, Sanitation and Hygiene Factsheet

Northern Bahr el Ghazal State, South Sudan



November/December 2018



## Health

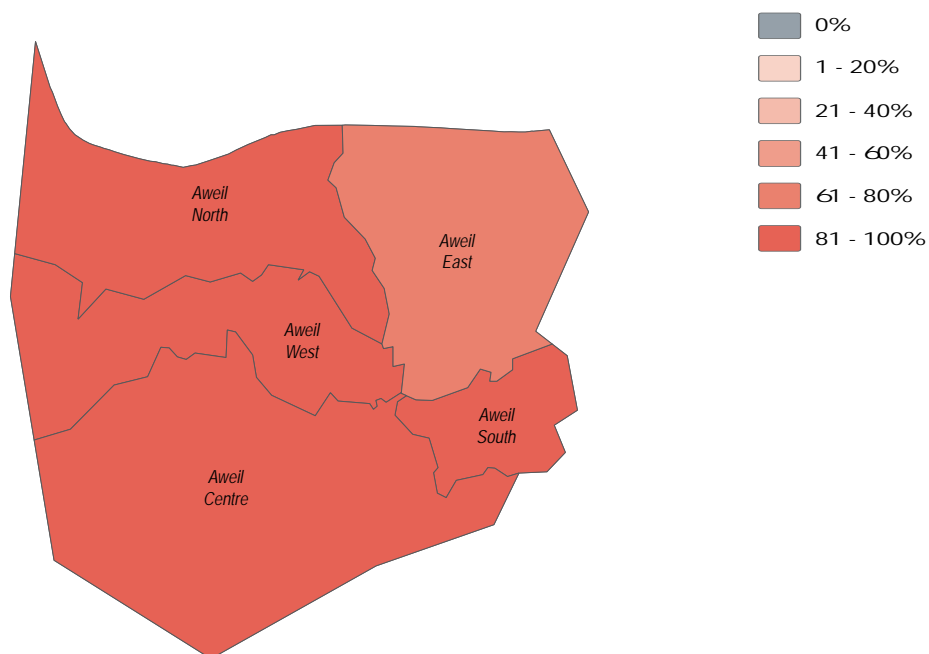
**94%** of Aweil North County HHs reported one or more HH member was affected by self-reported water or vector borne disease in the two weeks prior to data collection, in November and December, 2018. This was an increase from the previous season.

**62%** of Aweil North County HHs reported one or more HH member was affected by self-reported water or vector borne disease in the two weeks prior to data collection, in July and August, 2018.

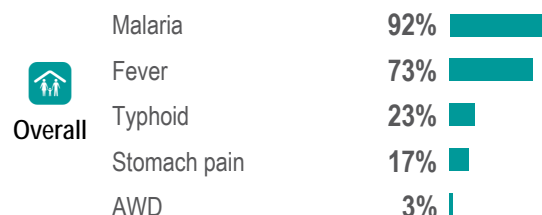
**Malaria** was the most commonly reported water or vector borne disease in November and December, 2018. This was the same as the previous season.

**Malaria** was the most commonly reported water or vector borne disease in July and August, 2018.

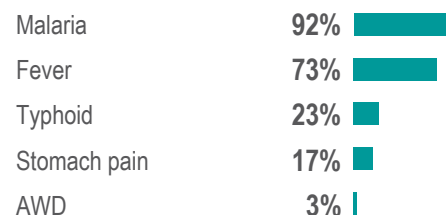
% of HH with one or more HH member affected by self-reported water or vector borne disease in the two weeks prior to data collection:



Most commonly self-reported water or vector borne diseases for adults in the two weeks prior to data collection by percentage of households: (more than one answer was possible)



Overall



Host

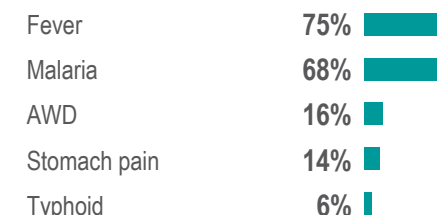
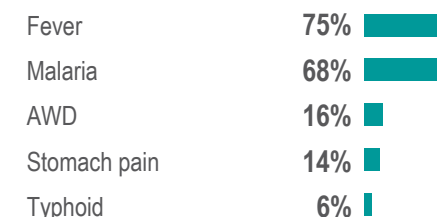


IDPs



Returnees

Most commonly self-reported water or vector borne disease for children under 5 in the two weeks prior to data collection by percentage of households: (more than one answer was possible)







# Aweil North County - Water, Sanitation and Hygiene Factsheet

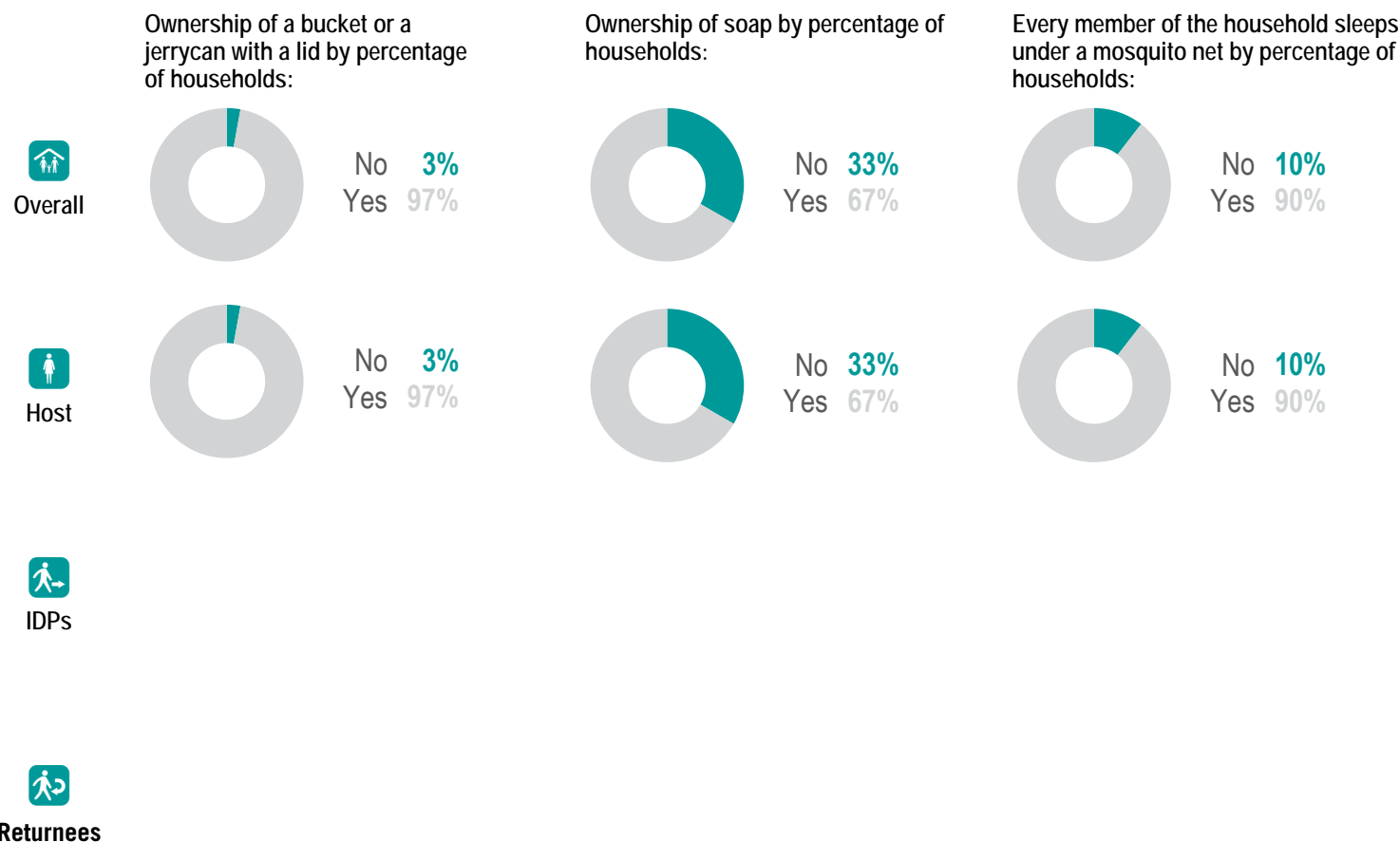
Northern Bahr el Ghazal State, South Sudan



November/December 2018

## NFI WASH NFIs

- 36%** of Aweil North County HHs reported owning at least one jerrycan or bucket with a lid, with access to soap, and that every member of the HH slept under a mosquito net in November and December, 2018. This was an increase from the previous season.
- 14%** of Aweil North County HHs reported owning at least one jerrycan or bucket with a lid, with access to soap, and that every member of the HH slept under a mosquito net in HH in July and August, 2018.
- 2** was the average number of jerrycans and/or buckets per HH in July and August, 2018. This was a decrease from the previous season.
- 4** was the average number of jerrycans and/or buckets per HH in November and December, 2018.



### Endnotes

1. This data is as of November/December 2018. Note, population movement remains fluid.
2. An institutional latrine can be found in a school, hospital, clinic, market place.
3. HHs are asked to produce soap within a minute when assessing the presence of soap in the HH, as if they are not able to locate it within a minute then it stands to reason it is not commonly used.
4. The composite was created by averaging the 'yes' responses of HHs reporting on the following indicators, with all considered to have the same weight: access to soap, access to jerrycans/buckets with lids, everyone in the HH slept under a mosquito net.

### 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. All REACH activities are conducted through inter-agency aid coordination mechanisms.

For more information, you can write to our in-country office: [southsudan@reach-initiative.org](mailto:southsudan@reach-initiative.org) or to our global office: [geneva@reach-initiative.org](mailto:geneva@reach-initiative.org).

Visit [www.reach-initiative.org](http://www.reach-initiative.org) and follow us @REACH\_info.



# Aweil South County - Water, Sanitation and Hygiene Factsheet

Northern Bahr el Ghazal State, South Sudan



November/December 2018

## Overview and Methodology

The dynamic and multi-faceted nature of the South Sudanese displacement crisis has created significant challenges for the delivery of humanitarian aid. Accessibility and security issues within South Sudan have impeded a systematic understanding of WASH needs in many areas of the country, and have created difficulties in establishing a clear and unambiguous system for prioritizing the delivery of aid, thereby limiting the effectiveness of humanitarian planning and limiting the potential impact of donor funding. As this crisis continues to expand, evolve and spill into neighbouring countries, it has become increasingly important to fill information gaps to inform a more effective humanitarian response and planning for immediate life-saving WASH activities and contingency planning for durable solutions.

In 2018, REACH, in close coordination with the WASH Cluster, identified five core WASH indicators: 1. % of Households (HHs) by displacement status; 2. % of HHs reported having safe access to and use an improved water source (borehole, tapstand, water yard) as their main source of drinking water; 3. % of HHs reported having access to a latrine (private, shared, or communal/institutional); 4. % of HHs reported having access to key WASH NFIs (soap, mosquito nets, water containers); and 5. % of HH reported that one or more HH member was affected by self-reported water or vector borne disease in the two weeks prior to data collection.

These five indicators were used to establish the first

## Displacement

Percentage of households by displacement status <sup>1</sup>:

Host community **100%**

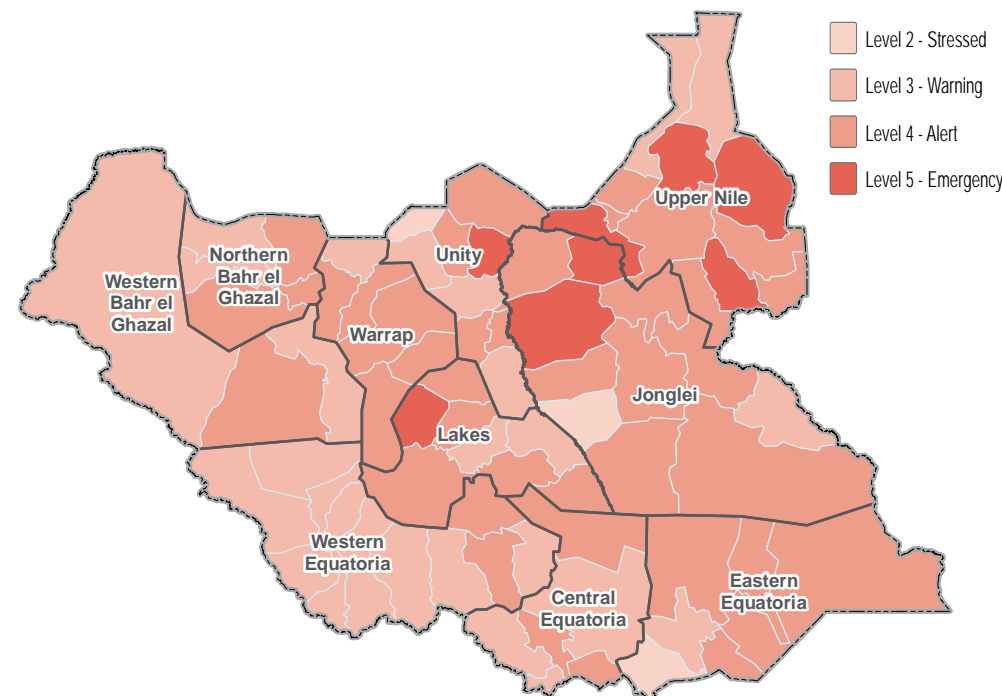
countrywide WASH baseline in July and August of 2018 during Round 22 of the Food Security and Nutrition Monitoring System (FSNMS). FSNMS partners agreed to once again incorporate WASH cluster indicators for FSNMS Round 23 (November and December of 2018). FSNMS is a seasonal countrywide assessment conducted, funded and run by the World Food Programme, UNICEF, and the Food and Agriculture Organization, and supported by REACH in Round 22. FSNMS, established in 2010, is a representative survey that employs two-stage cluster sampling, using a state based sample size and cluster determination. In each county, access permitting, 9 clusters were selected and 12 households interviewed per cluster.

FSNMS is a critical source of information that allows for the identification of affected areas, the prioritization of resources and for monitoring trends. The data collected during FSNMS is used for the Integrated Food Security Phase Classification (IPC) analysis, the Humanitarian Needs Overview (HNO) and the Humanitarian Response Plan (HRP), as well as additional decision making platforms.

## FSNMS Assessment Coverage

Full coverage in the county was achieved.

## WASH Needs Severity Map



This WASH composite aims to measure the severity of WASH needs in each county. The composite was created with four indicators, each broken into 5 levels of severity, as seen in this matrix <http://bit.ly/2EqRYwJ>. The final severity ranking was created by calculating the average level from the following indicators: -Not having safe access to and use an improved water source (borehole, tapstand, water yard) as a main source of drinking water.

- Not having access to a latrine (private, shared, or communal/institutional).  
- Not owning a jerrycan or bucket with a lid and soap, and that every member of the HH did not sleep under a mosquito net.  
- Having one or more household members affected by self-reported water or vector borne disease in the two weeks prior to data collection.

Percentage of returnee households by time arrived in their current location:

Most commonly reported vulnerability, by percentage of households: (more than one answer was possible)

Children under 5	79%
Female headed	42%
Elderly persons	24%
Physically disabled	17%
Adopted children	15%



# Aweil South County - Water, Sanitation and Hygiene Factsheet

Northern Bahr el Ghazal State, South Sudan

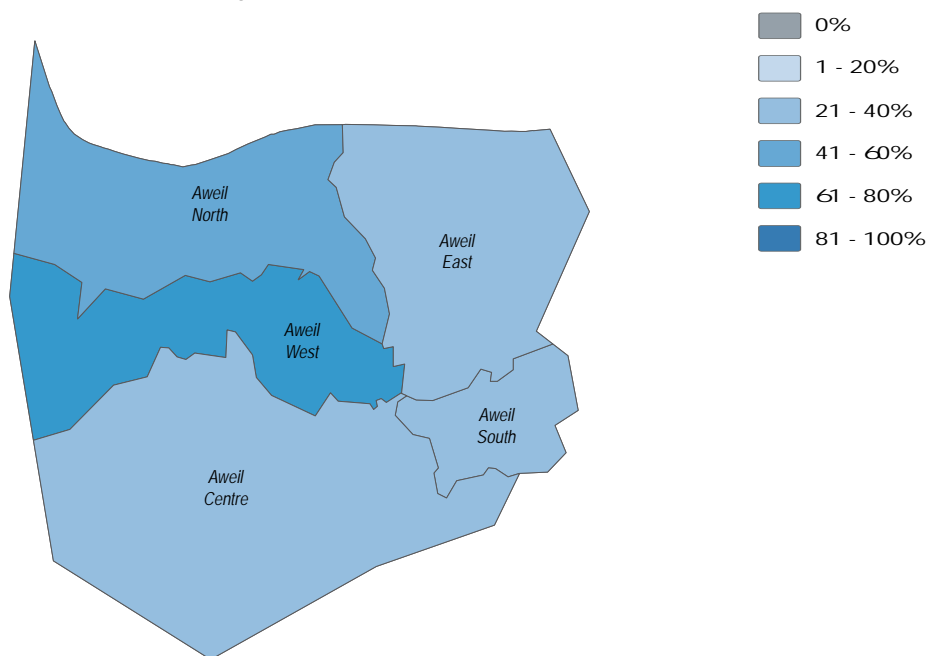


November/December 2018

## Water

- 68%** of Aweil South County HHs reported having safe access to an improved source of drinking water as their main source, in November and December, 2018. This was a decrease from the previous season.
- 76%** of Aweil South County HHs reported having safe access to an improved source of drinking water as their main source, in July and August, 2018.
- 7%** of HHs reported feeling unsafe while collecting water, in November and December, 2018. This was a decrease from the previous season.
- 8%** of HHs reported feeling unsafe while collecting water, in July and August, 2018.

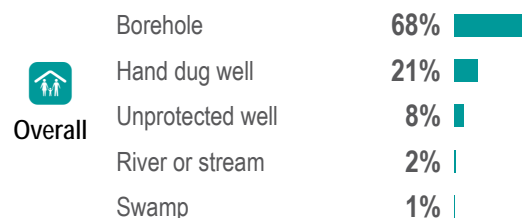
% of HHs having safe access to and use an improved water source (borehole, tapstand, water yard) as their main source of drinking water in under 30 minutes:



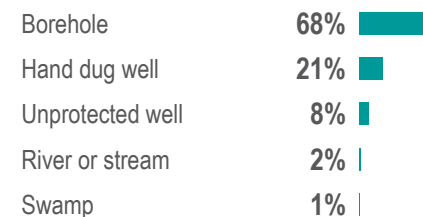
This simple water access composite aims to measure access to an improved water source, without protection concern. The composite was created by averaging the 'yes' responses of households reporting on the following indicators, with all indicators considered to have the same weight:

- Access to a borehole, tapstand, or water yard as the primary source of drinking water
- Can collect water (walking to collection point, waiting, filling container, returning home) in under 30 minutes
- Did not report any security concerns while accessing water point

Most commonly reported sources of drinking water by percentage of households:



Overall



Host

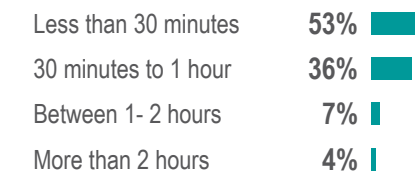
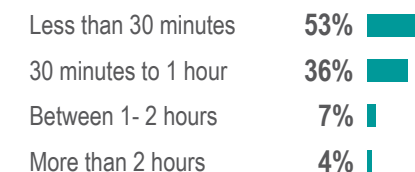


IDPs



Returnees

Most commonly reported time spent collecting drinking water (walking to collection point, waiting, filling container, returning home) by percentage of households:





# Aweil South County - Water, Sanitation and Hygiene Factsheet

Northern Bahr el Ghazal State, South Sudan

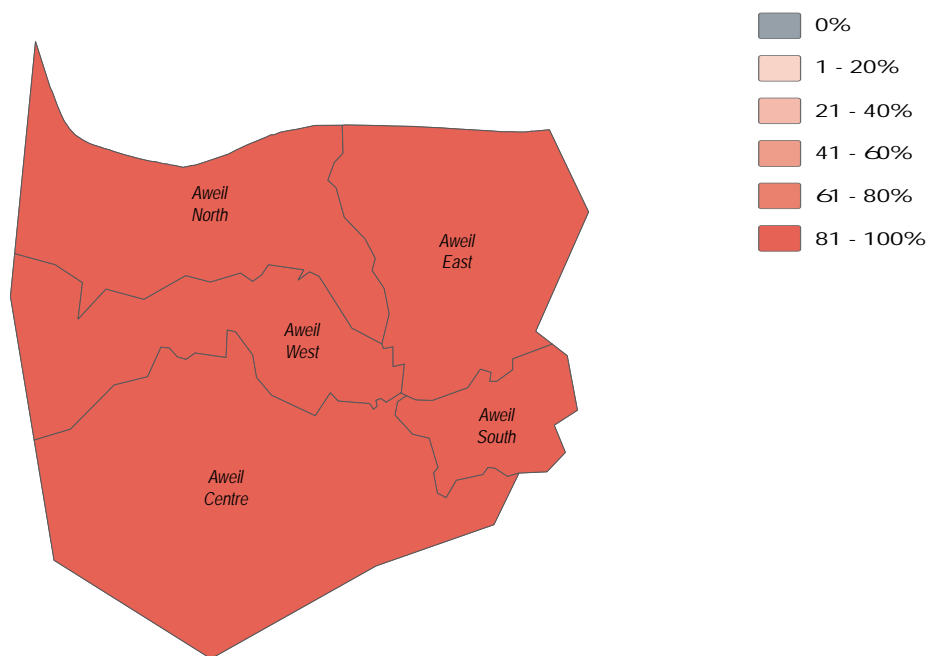


November/December 2018

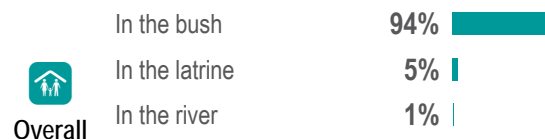
## Sanitation

- 7%** of **Aweil South County** HHs reported having access to a latrine (private, shared, or communal/institutional), in November and December, 2018. This was an increase from the previous season.
- 0%** of **Aweil South County** HHs reported having access to a latrine (private, shared, or communal/institutional), in July and August, 2018.
- 5%** of HHs reported their most common defecation location was a latrine, in November and December, 2018. This was an increase from the previous season.
- 0%** of HHs reported their most common defecation location was a latrine, in July and August, 2018.

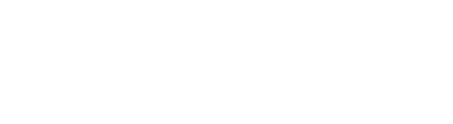
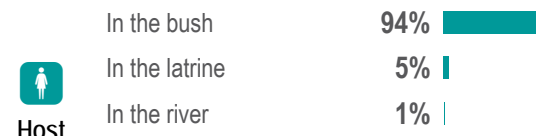
% of HHs not usually using a latrine (private, shared, or communal/institutional)<sup>2</sup>:



Most commonly reported defecation location by percentage of households:



Most commonly reported excreta disposal methods for children under five by percentage of households:





# Aweil South County - Water, Sanitation and Hygiene Factsheet

Northern Bahr el Ghazal State, South Sudan

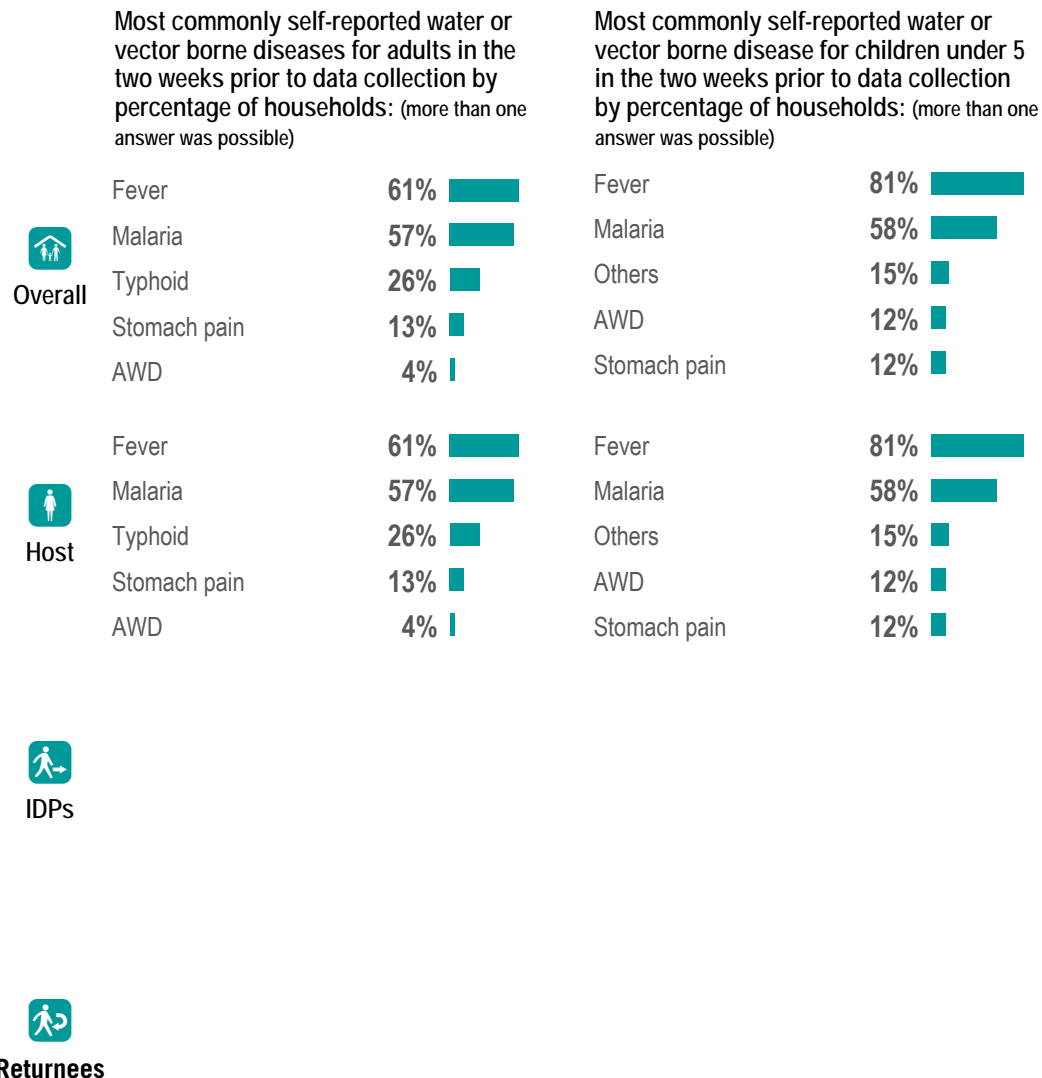
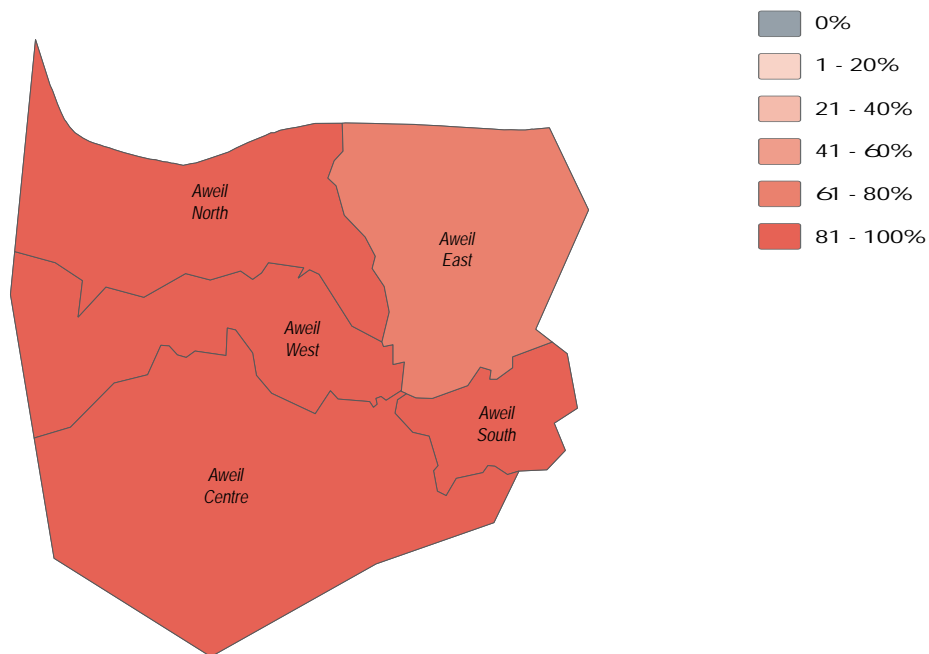


November/December 2018



- 87%** of Aweil South County HHs reported one or more HH member was affected by self-reported water or vector borne disease in the two weeks prior to data collection, in November and December, 2018. This was an increase from the previous season.
- 77%** of Aweil South County HHs reported one or more HH member was affected by self-reported water or vector borne disease in the two weeks prior to data collection, in July and August, 2018.
- Fever** was the most commonly reported water or vector borne disease in November and December, 2018. This was the same as the previous season.
- Fever** was the most commonly reported water or vector borne disease in July and August, 2018.

% of HH with one or more HH member affected by self-reported water or vector borne disease in the two weeks prior to data collection:





# Aweil South County - Water, Sanitation and Hygiene Factsheet

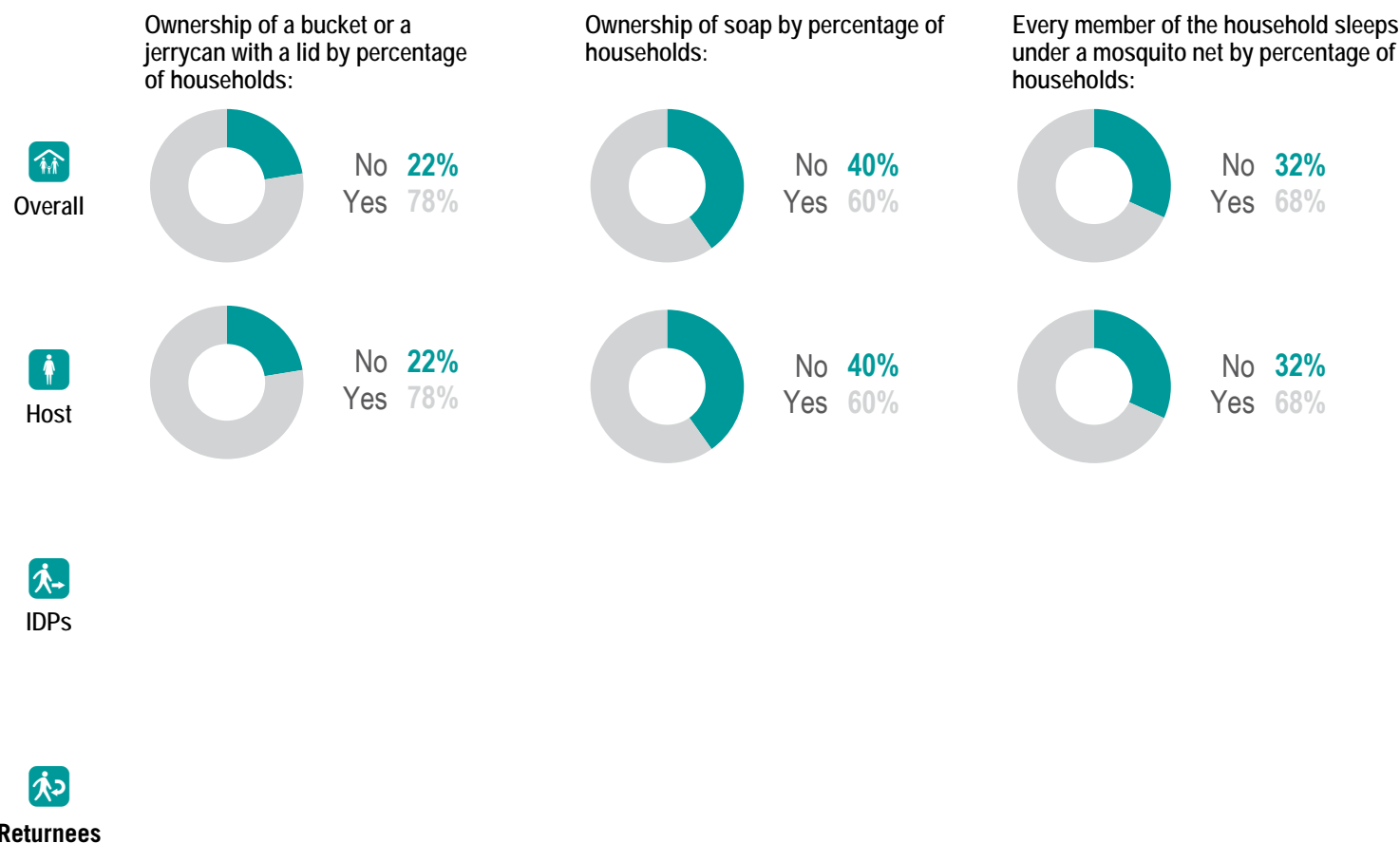
Northern Bahr el Ghazal State, South Sudan



November/December 2018

## NFI WASH NFIs

- 15%** of Aweil South County HHs reported owning at least one jerrycan or bucket with a lid, with access to soap, and that every member of the HH slept under a mosquito net in November and December, 2018. This was an increase from the previous season.
- 7%** of Aweil South County HHs reported owning at least one jerrycan or bucket with a lid, with access to soap, and that every member of the HH slept under a mosquito net in HH in July and August, 2018.
- 4** was the average number of jerrycans and/or buckets per HH in July and August, 2018. This was the same as the previous season.
- 4** was the average number of jerrycans and/or buckets per HH in November and December, 2018.



### Endnotes

1. This data is as of November/December 2018. Note, population movement remains fluid.
2. An institutional latrine can be found in a school, hospital, clinic, market place.
3. HHs are asked to produce soap within a minute when assessing the presence of soap in the HH, as if they are not able to locate it within a minute then it stands to reason it is not commonly used.
4. The composite was created by averaging the 'yes' responses of HHs reporting on the following indicators, with all considered to have the same weight: access to soap, access to jerrycans/buckets with lids, everyone in the HH slept under a mosquito net.

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# Aweil West County - Water, Sanitation and Hygiene Factsheet

Northern Bahr el Ghazal State, South Sudan



November/December 2018

## Overview and Methodology

The dynamic and multi-faceted nature of the South Sudanese displacement crisis has created significant challenges for the delivery of humanitarian aid. Accessibility and security issues within South Sudan have impeded a systematic understanding of WASH needs in many areas of the country, and have created difficulties in establishing a clear and unambiguous system for prioritizing the delivery of aid, thereby limiting the effectiveness of humanitarian planning and limiting the potential impact of donor funding. As this crisis continues to expand, evolve and spill into neighbouring countries, it has become increasingly important to fill information gaps to inform a more effective humanitarian response and planning for immediate life-saving WASH activities and contingency planning for durable solutions.

In 2018, REACH, in close coordination with the WASH Cluster, identified five core WASH indicators: 1. % of Households (HHs) by displacement status; 2. % of HHs reported having safe access to and use an improved water source (borehole, tapstand, water yard) as their main source of drinking water; 3. % of HHs reported having access to a latrine (private, shared, or communal/institutional); 4. % of HHs reported having access to key WASH NFIs (soap, mosquito nets, water containers); and 5. % of HH reported that one or more HH member was affected by self-reported water or vector borne disease in the two weeks prior to data collection.

These five indicators were used to establish the first

## Displacement

Percentage of households by displacement status <sup>1</sup>:

Host community **100%**

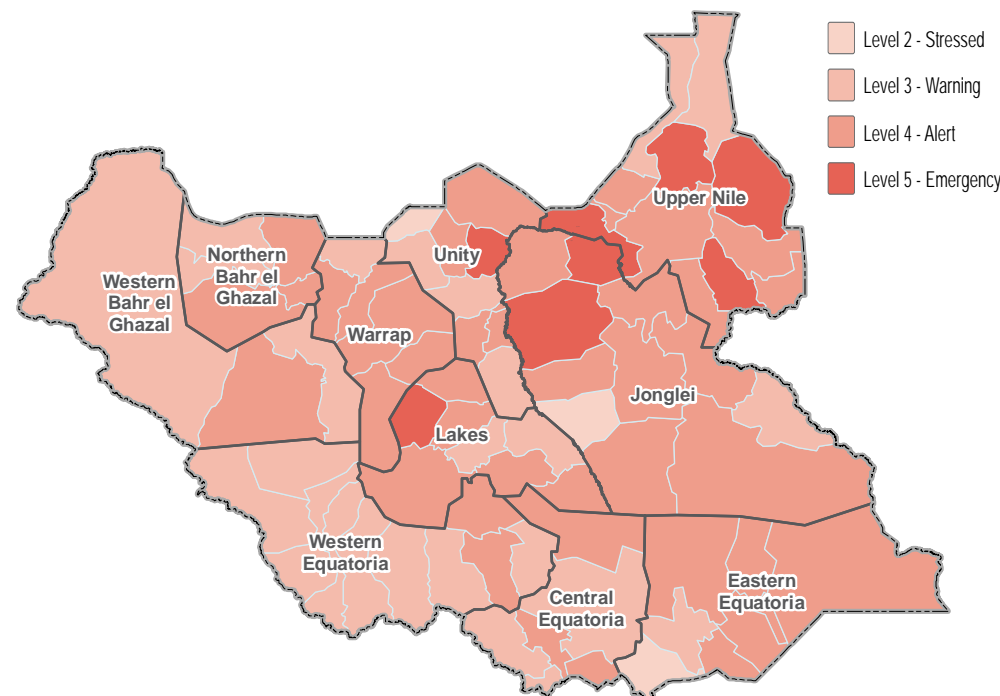
countrywide WASH baseline in July and August of 2018 during Round 22 of the Food Security and Nutrition Monitoring System (FSNMS). FSNMS partners agreed to once again incorporate WASH cluster indicators for FSNMS Round 23 (November and December of 2018). FSNMS is a seasonal countrywide assessment conducted, funded and run by the World Food Programme, UNICEF, and the Food and Agriculture Organization, and supported by REACH in Round 22. FSNMS, established in 2010, is a representative survey that employs two-stage cluster sampling, using a state based sample size and cluster determination. In each county, access permitting, 9 clusters were selected and 12 households interviewed per cluster.

FSNMS is a critical source of information that allows for the identification of affected areas, the prioritization of resources and for monitoring trends. The data collected during FSNMS is used for the Integrated Food Security Phase Classification (IPC) analysis, the Humanitarian Needs Overview (HNO) and the Humanitarian Response Plan (HRP), as well as additional decision making platforms.

## FSNMS Assessment Coverage

Full coverage in the county was achieved.

## WASH Needs Severity Map



This WASH composite aims to measure the severity of WASH needs in each county. The composite was created with four indicators, each broken into 5 levels of severity, as seen in this matrix <http://bit.ly/2EgRYwJ>. The final severity ranking was created by calculating the average level from the following indicators: -Not having safe access to and use an improved water source (borehole, tapstand, water yard) as a main source of drinking water.

- Not having access to a latrine (private, shared, or communal/institutional).  
- Not owning a jerrycan or bucket with a lid and soap, and that every member of the HH did not sleep under a mosquito net.  
- Having one or more household members affected by self-reported water or vector borne disease in the two weeks prior to data collection.

Percentage of returnee households by time arrived in their current location:

Most commonly reported vulnerability, by percentage of households: (more than one answer was possible)

Children under 5	85%
Female headed	65%
Elderly persons	29%
Physically disabled	11%
Adopted children	10%



# Aweil West County - Water, Sanitation and Hygiene Factsheet

Northern Bahr el Ghazal State, South Sudan

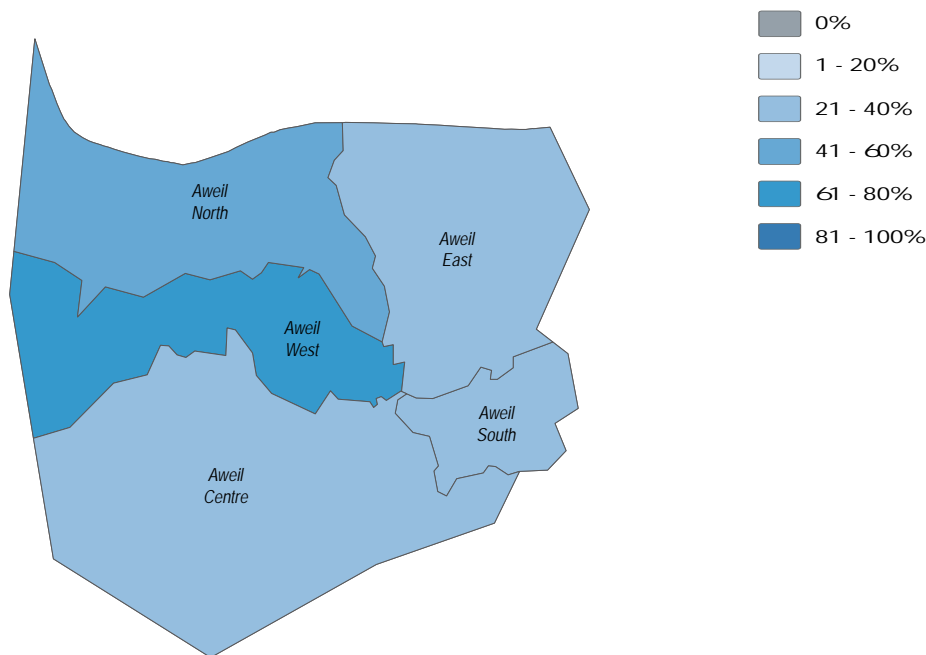


November/December 2018

## Water

- 98%** of Aweil West County HHs reported having safe access to an improved source of drinking water as their main source, in November and December, 2018. This was an increase from the previous season.
- 83%** of Aweil West County HHs reported having safe access to an improved source of drinking water as their main source, in July and August, 2018.
- 0%** of HHs reported feeling unsafe while collecting water, in November and December, 2018. This was the same as the previous season.
- 0%** of HHs reported feeling unsafe while collecting water, in July and August, 2018.

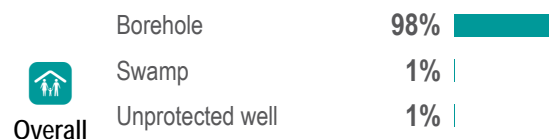
% of HHs having safe access to and use an improved water source (borehole, tapstand, water yard) as their main source of drinking water in under 30 minutes:



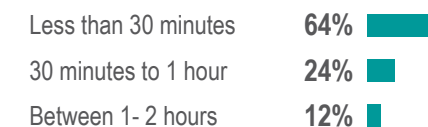
This simple water access composite aims to measure access to an improved water source, without protection concern. The composite was created by averaging the 'yes' responses of households reporting on the following indicators, with all indicators considered to have the same weight:

- Access to a borehole, tapstand, or water yard as the primary source of drinking water
- Can collect water (walking to collection point, waiting, filling container, returning home) in under 30 minutes
- Did not report any security concerns while accessing water point

Most commonly reported sources of drinking water by percentage of households:



Most commonly reported time spent collecting drinking water (walking to collection point, waiting, filling container, returning home) by percentage of households:



Overall



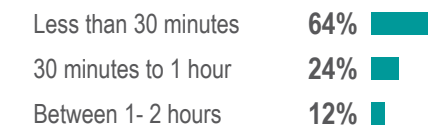
Host



IDPs



Returnees





# Aweil West County - Water, Sanitation and Hygiene Factsheet

Northern Bahr el Ghazal State, South Sudan

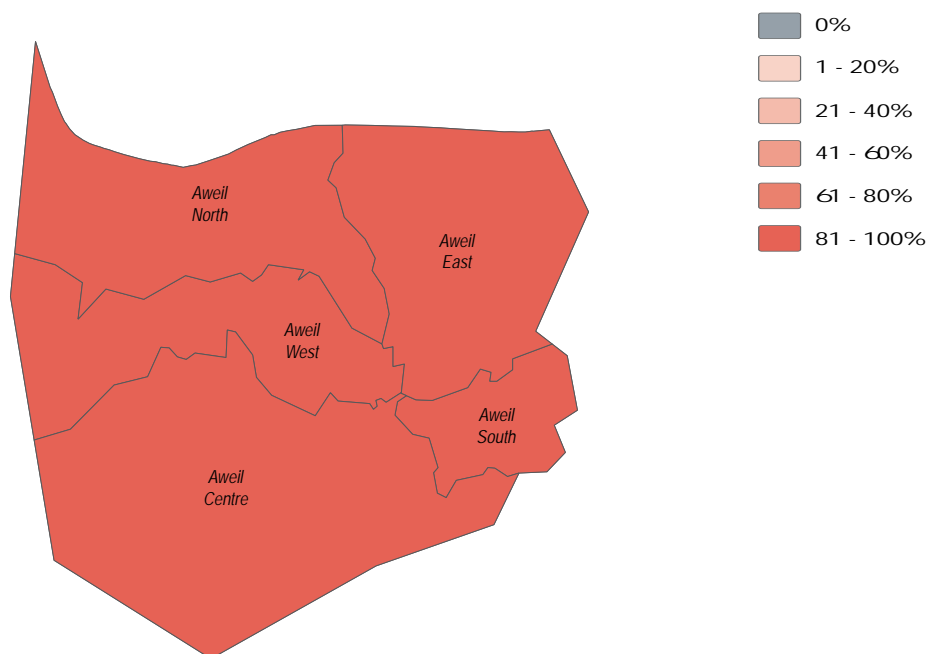


November/December 2018

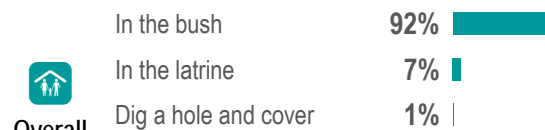
## Sanitation

- 19%** of Aweil West County HHs reported having access to a latrine (private, shared, or communal/institutional), in November and December, 2018. This was a decrease from the previous season.
- 36%** of Aweil West County HHs reported having access to a latrine (private, shared, or communal/institutional), in July and August, 2018.
- 7%** of HHs reported their most common defecation location was a latrine, in November and December, 2018. This was a decrease from the previous season.
- 36%** of HHs reported their most common defecation location was a latrine, in July and August, 2018.

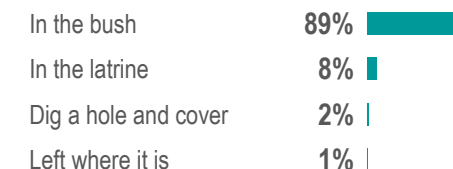
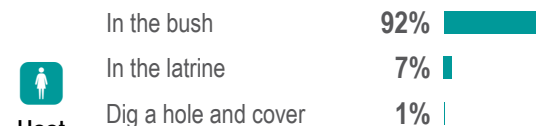
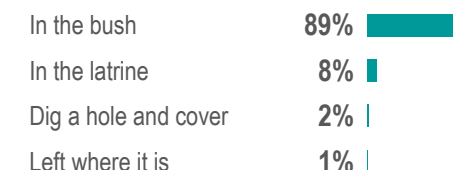
% of HHs not usually using a latrine (private, shared, or communal/institutional)<sup>2</sup>:



Most commonly reported defecation location by percentage of households:



Most commonly reported excreta disposal methods for children under five by percentage of households:





# Aweil West County - Water, Sanitation and Hygiene Factsheet

Northern Bahr el Ghazal State, South Sudan

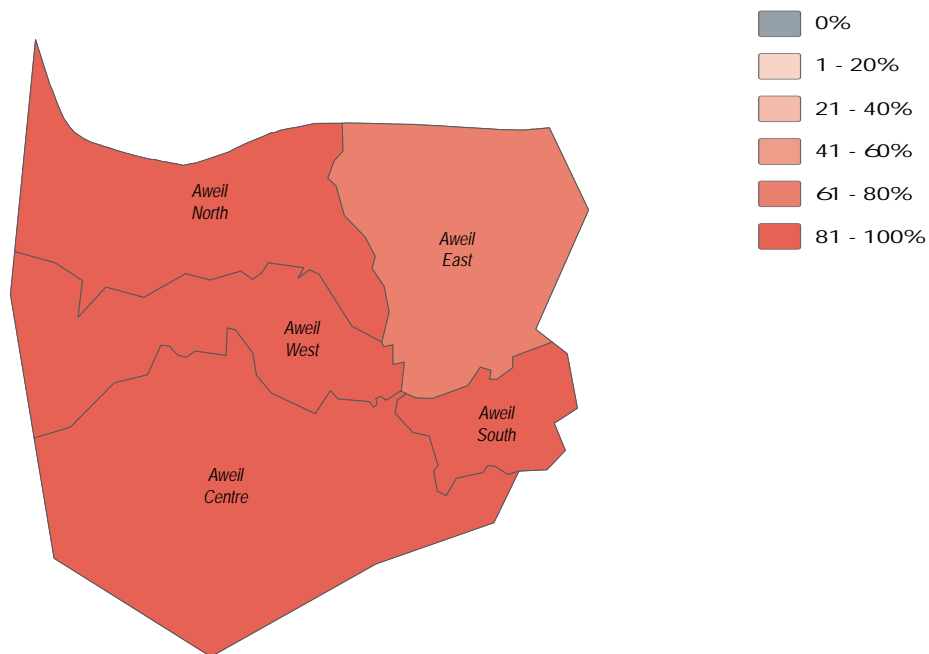


November/December 2018

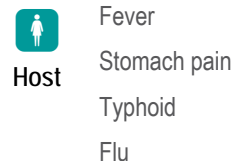
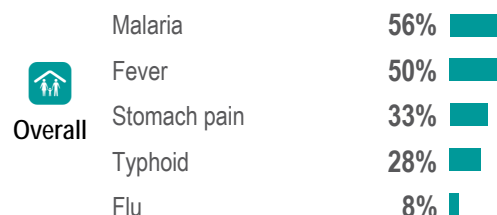
## Health

- 81%** of Aweil West County HHs reported one or more HH member was affected by self-reported water or vector borne disease in the two weeks prior to data collection, in November and December, 2018. This was a decrease from the previous season.
- 87%** of Aweil West County HHs reported one or more HH member was affected by self-reported water or vector borne disease in the two weeks prior to data collection, in July and August, 2018.
- Malaria** was the most commonly reported water or vector borne disease in November and December, 2018. This was the same as the previous season.
- Malaria** was the most commonly reported water or vector borne disease in July and August, 2018.

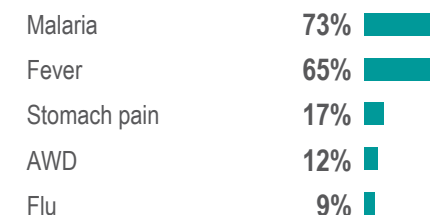
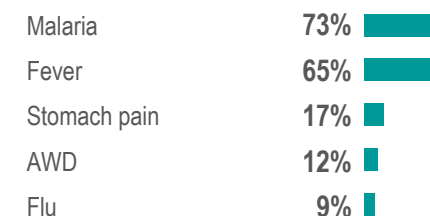
% of HH with one or more HH member affected by self-reported water or vector borne disease in the two weeks prior to data collection:



Most commonly self-reported water or vector borne diseases for adults in the two weeks prior to data collection by percentage of households: (more than one answer was possible)



Most commonly self-reported water or vector borne disease for children under 5 in the two weeks prior to data collection by percentage of households: (more than one answer was possible)





# Aweil West County - Water, Sanitation and Hygiene Factsheet

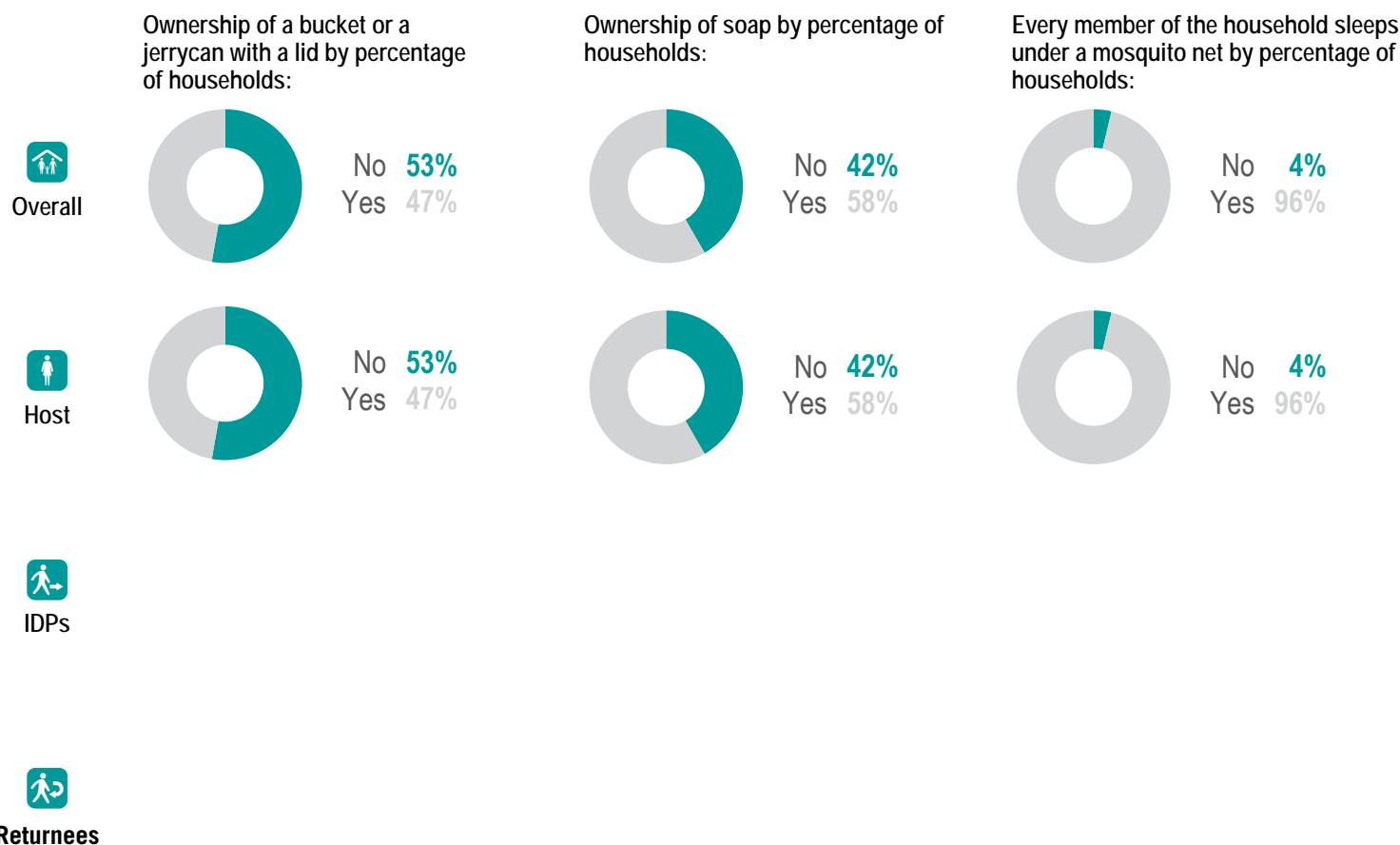
Northern Bahr el Ghazal State, South Sudan



November/December 2018

## NFI WASH NFIs

- 13%** of Aweil West County HHs reported owning at least one jerrycan or bucket with a lid, with access to soap, and that every member of the HH slept under a mosquito net in November and December, 2018. This was a decrease from the previous season.
- 14%** of Aweil West County HHs reported owning at least one jerrycan or bucket with a lid, with access to soap, and that every member of the HH slept under a mosquito net in HH in July and August, 2018.
- 2** was the average number of jerrycans and/or buckets per HH in July and August, 2018. This was a decrease from the previous season.
- 3** was the average number of jerrycans and/or buckets per HH in November and December, 2018.



### Endnotes

1. This data is as of November/December 2018. Note, population movement remains fluid.
2. An institutional latrine can be found in a school, hospital, clinic, market place.
3. HHs are asked to produce soap within a minute when assessing the presence of soap in the HH, as if they are not able to locate it within a minute then it stands to reason it is not commonly used.
4. The composite was created by averaging the 'yes' responses of HHs reporting on the following indicators, with all considered to have the same weight: access to soap, access to jerrycans/buckets with lids, everyone in the HH slept under a mosquito net.

### 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. All REACH activities are conducted through inter-agency aid coordination mechanisms.

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