



South Sudan - Water, Sanitation and Hygiene (WASH)

Assessment of Hard-to-Reach Areas in South Sudan

South Sudan Displacement Crisis

December 2018

Overview

The continuation of conflict since December 2013 has created a complex humanitarian crisis in the country, restricting humanitarian access and hindering the flow of information required by aid partners to deliver humanitarian assistance to populations in need. To address information gaps facing the humanitarian response in South Sudan, REACH employs its Area of Knowledge (AoK) methodology to collect relevant information in hard-to-reach areas to inform humanitarian planning and interventions outside formal settlement sites.

Using the AoK methodology, REACH remotely monitors needs and access to services in the Greater

Upper Nile, Greater Equatoria and Greater Bahr el Ghazal regions. AoK data is collected monthly and through multi-sector interviews with the following typology of Key Informants (KIs):

- KIs who are newly arrived internally displaced persons (IDPs) who have left a hard-to-reach settlement in the last month
- KIs who have had contact with someone living or have been in a hard-to-reach settlement in the last month (traders, migrants, family members, etc.)
- KIs who are remaining in hard-to-reach settlements, contacted through phone

Selected KIs are purposively sampled and have knowledge from within the last month about a specific settlement in South Sudan, with data collected at the settlement level. About half of settlements assessed have more than one KI reporting on the settlement. In these cases, data is aggregated at the settlement level according to a weighting mechanism, which can be found in the Terms of Reference (ToRs).

[\(Link to AoK Terms of Reference \)](#)

All percentages presented in this factsheet, unless otherwise specified, represent the proportion of settlements assessed with that specific response.

The findings presented in this factsheet are indicative of the broad water, sanitation and hygiene (WASH) trends in assessed settlements in December 2018, and are not statistically generalisable.

Assessment Coverage

1,353 Key Informants interviewed

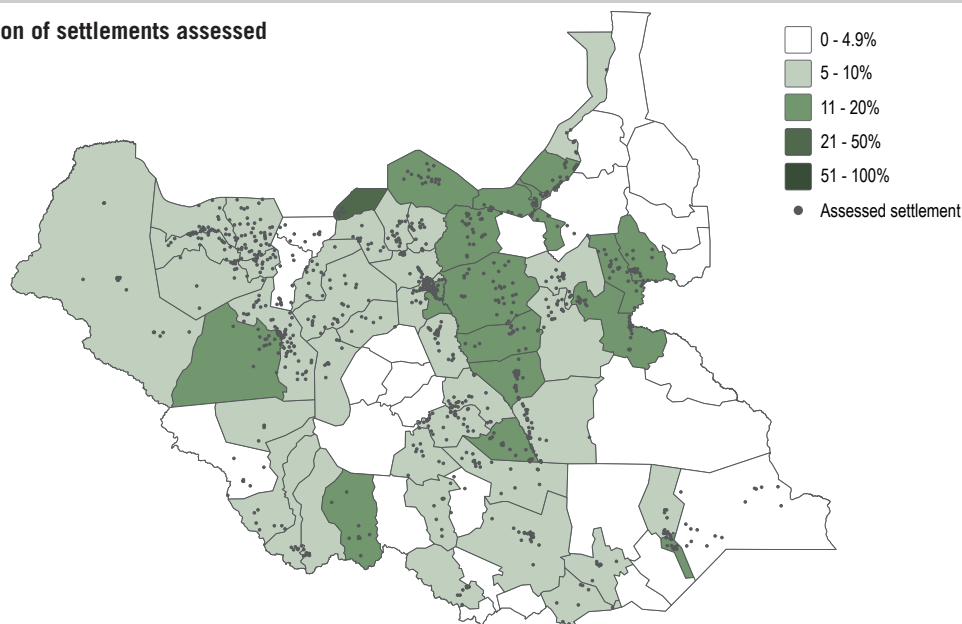
1,083 Settlements assessed

58 Counties assessed

52 Counties with 5% or more coverage¹

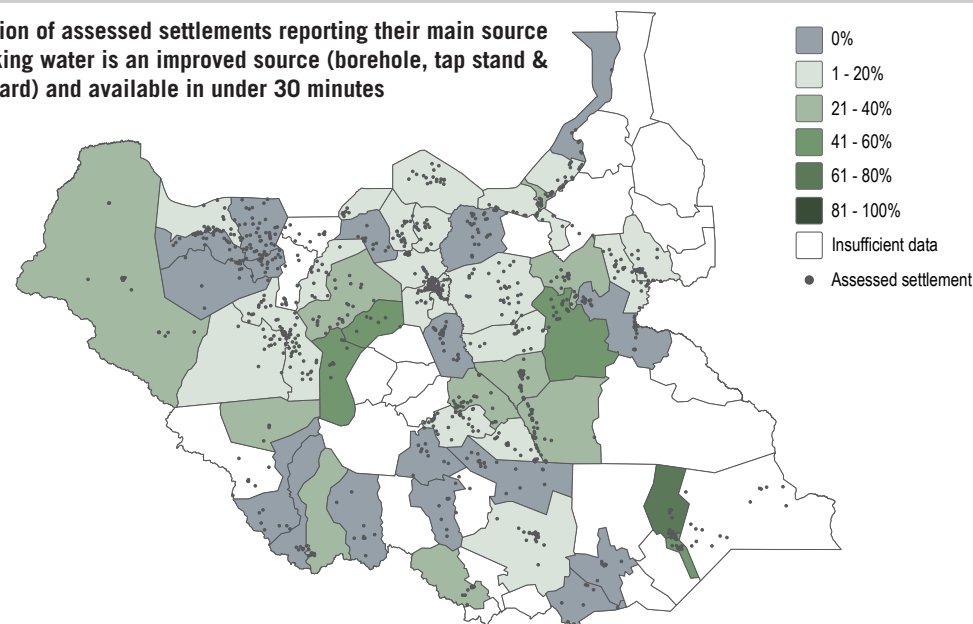
Assessment coverage

Proportion of settlements assessed



Improved Water Sources

Proportion of assessed settlements reporting their main source of drinking water is an improved source (borehole, tap stand & water-yard) and available in under 30 minutes



¹ Data is only represented for counties in which at least 5% of settlements have been assessed. The most recent OCHA Common Operational Dataset (COD) released in February 2016 has been used as the reference for settlement names and locations.



South Sudan - Water, Sanitation and Hygiene (WASH)

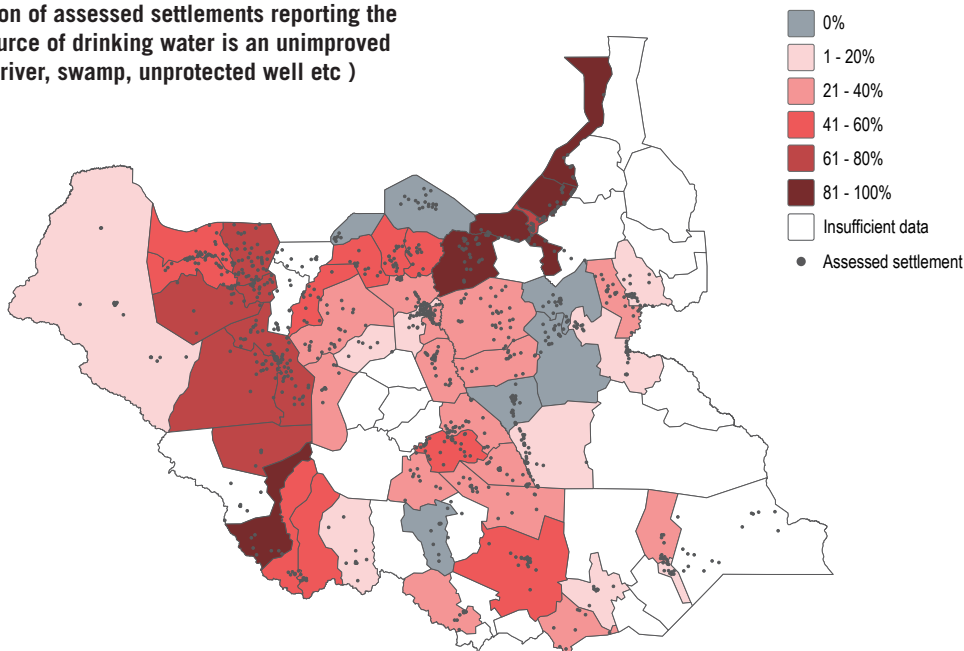
Assessment of Hard-to-Reach Areas in South Sudan

South Sudan Displacement Crisis

December 2018

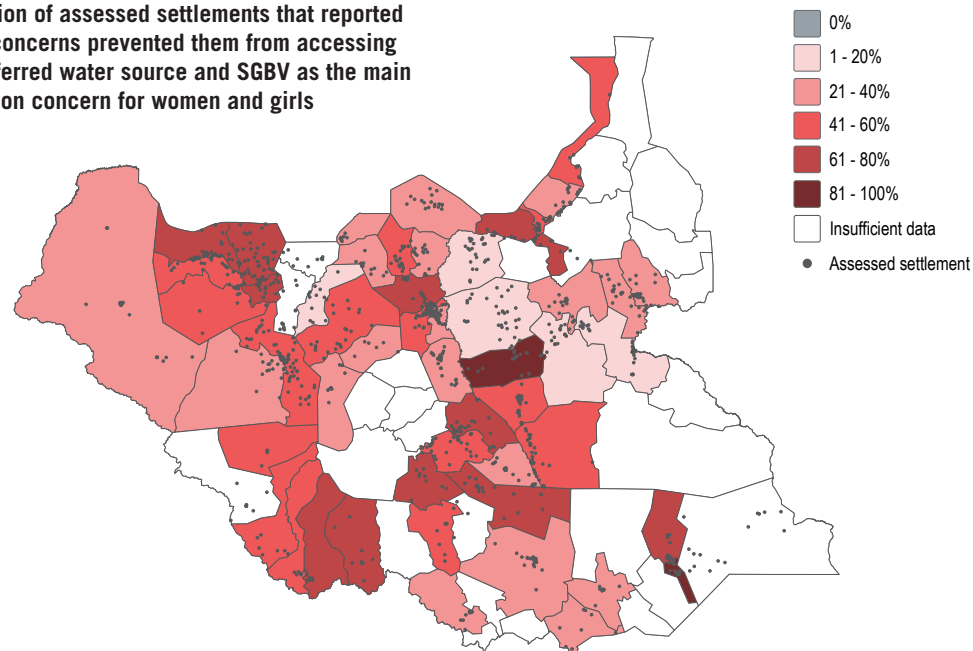
Access to water

Proportion of assessed settlements reporting the main source of drinking water is an unimproved source (river, swamp, unprotected well etc)



Safe water access and sexual and gender based violence (SGBV)

Proportion of assessed settlements that reported safety concerns prevented them from accessing the preferred water source and SGBV as the main protection concern for women and girls



Drinking water source

Top five assessed counties reporting an unimproved source or surface water (river, swamp, unprotected well) as their main source of drinking water

Manyo	100%	<div></div>
Fangak	96%	<div></div>
Panyikang	93%	<div></div>
Ezo	86%	<div></div>
Fashoda	82%	<div></div>

Water access time

Top five assessed counties reporting needing more than 30 minutes to access their preferred drinking water source

Terekeka	100%	<div></div>
Torit	100%	<div></div>
Koch	96%	<div></div>
Pariang	94%	<div></div>
Aweil South	94%	<div></div>

Seasonal access to water

Top five assessed counties reporting access to the preferred drinking water source is only available in the wet season

Ezo	100%	<div></div>
Yambio	75%	<div></div>
Nzara	71%	<div></div>
Fangak	62%	<div></div>
Nagero	50%	<div></div>

Protection and water access

Top five assessed counties reporting safety concerns preventing them from accessing their preferred water source

Nagero	75%	<div></div>
Ezo	71%	<div></div>
Tonj East	67%	<div></div>
Duk	56%	<div></div>
Aweil North	54%	<div></div>



South Sudan - Water, Sanitation and Hygiene (WASH)

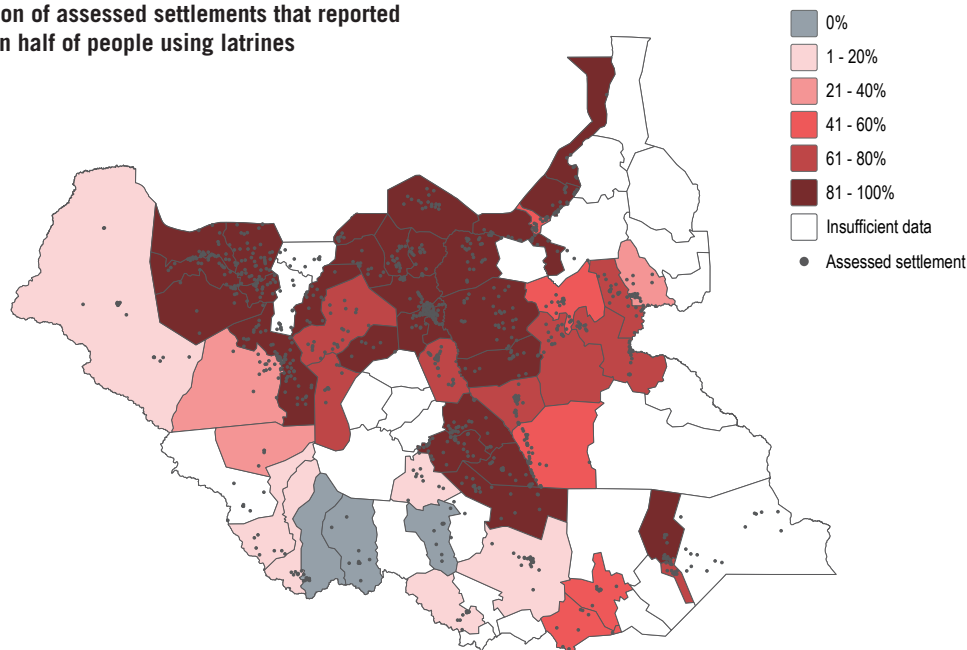
Assessment of Hard-to-Reach Areas in South Sudan

South Sudan Displacement Crisis

December 2018

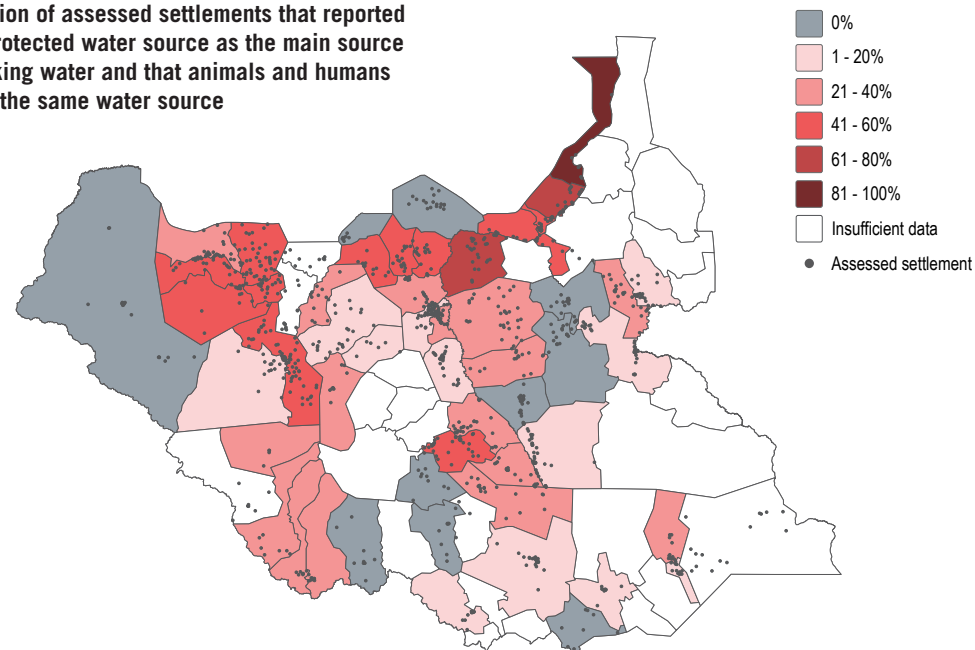
Latrine use

Proportion of assessed settlements that reported less than half of people using latrines



Humans and animals sharing water source

Proportion of assessed settlements that reported an unprotected water source as the main source of drinking water and that animals and humans shared the same water source



Overcrowded latrines

Top five assessed counties reporting not being able to use a latrine due to overcrowding

Gogrial East	67%	
Tonj East	33%	
Nzara	29%	
Yirol East	26%	
Yirol West	26%	

Latrine availability

Top five assessed counties reporting not being able to use a latrine because none are available

Abiemnhom	100%	
Manyo	100%	
Mayom	100%	
Pariang	100%	
Aweil East	93%	

WASH based mortality

Top five assessed counties reporting cholera or diarrhoea as their main cause of death

Mayom	27%	
Awerial	26%	
Duk	25%	
Tonj South	22%	
Mvolo	20%	

WASH based health concerns

Top five assessed counties reporting cholera or diarrhoea as their main health problem

Ezo	43%	
Mayom	36%	
Tonj South	33%	
Leer	33%	
Koch	29%	