

# Uganda - WASH KAP Survey, Kyangwali Refugee Settlement 2018

**UNHCR, Action Africa Help, Lutheran World Federation**

Report generated on: May 21, 2021

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## Overview

### Identification

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**ID NUMBER**

UGA\_2018\_WASH-KYA\_v01\_M

### Version

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**VERSION DESCRIPTION**

2.1: Edited, anonymous dataset for licensed release

**PRODUCTION DATE**

2019-10-24

### Overview

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**ABSTRACT**

In late December 2017, the northeaster Ituri province of DRC experienced inter-ethnic violence which resulted in displacement of tens of thousands of civilians crossing the border to Uganda. Close to 60,000 refugees arrived in the Kyangwali settlement in a few months' time, creating a humanitarian emergency which was aggravated by the outbreak of cholera. This called for a number of WASH agencies to begin operating in the settlement in response to the emergency with the objective to improve access to potable water supply and improved hygiene and sanitation facilities. The WASH forum decided to conduct a KAP survey to gauge the level of WASH services against acceptable standards and assess existing gaps to facilitate evidence-based planning of future programs. The survey includes 384 refugee households in the Kyangwali refugee settlement.

**KIND OF DATA**

Sample survey data [ssd]

**UNITS OF ANALYSIS**

Household

### Scope

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**NOTES**

The survey includes the following topics:

- Household main characteristics
- Sources of drinking and non-drinking water
- Information about water collection
- Hygiene of drinking water
- General hygiene practices
- Hand-washing habits and knowledge
- Defecation habits and latrine types

## TOPICS

Topic	Vocabulary	URI
Water Sanitation Hygiene		
Health		

## KEYWORDS

WASH, KAP, Water Hygiene, Refugee

## Coverage

## GEOGRAPHIC COVERAGE

Kyangwali Refugee Settlement

## UNIVERSE

This KAP survey covers the whole refugee settlement of Kyangwali. All refugee household, new and old caseloads, residing in the settlement has been included in the sampling frame.

## Producers and Sponsors

## PRIMARY INVESTIGATOR(S)

Name	Affiliation
UNHCR	
Action Africa Help	
Lutheran World Federation	

## FUNDING

Name	Abbreviation	Role
Action Africa Help		

## Metadata Production

## METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
UNHCR			

## DATE OF METADATA PRODUCTION

2021-05-14

## DDI DOCUMENT VERSION

Version 1 (May 2021). This version is identical to UNHCR DDI ID: UNHCR\_UGA\_KAP\_2018\_KYANGWALI\_v2.1, except the following edits were made:

- Minor spelling, grammatical, and formatting corrections
- Specified the archive where study is originally stored
- Description of external documents altered to reflect the document titles

## DDI DOCUMENT ID

DDI\_UGA\_2018\_WASH-KYA\_v01\_M

## Sampling

### **Sampling Procedure**

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The survey adopted a systematic random sampling methodology to identify households to be interviewed. The sampling interval was determined dividing the total number of households to the adjusted sample size. Then, the random sampling was used to identify the first household and sampling interval to identify the subsequent households. The sample includes 384 households, out of a total of 92 000 refugees.

### **Weighting**

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Sample weights for the household data were computed as the inverse of the probability of selection of the household.

# Questionnaires

## Overview

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The survey questionnaire used to collect the data consists of the following sections: General Information and Demographics, Water Collection and Storage, Hygiene, Sanitation.

## Data Collection

### Data Collection Dates

Start	End	Cycle
2018-10	2018-10	N/A

### Data Collection Mode

Face-to-face [f2f]

### Data Collection Notes

In preparation for roll-out of WASH KAP mobile data collection method, the country WASH unit organized a training attended by WASH experts from UNHCR and partners. The training was facilitated by experts from CartOng. The training covered the UNHCR standards, WASH KAP survey questionnaire and how to adopt it to local context, the Kobo survey management platform and how to create and manage surveys.

For this survey, 15 refugee enumerators and 5 supervisors were selected from the community on the basis of their language and experience on mobile data collection. Enumerators were trained on the overall survey questionnaire, rationale of each question, interview techniques, field procedures, translation to local languages, and other ethical related considerations.

The survey team was composed of a survey coordinator, five survey managers and 15 enumerators. The survey coordinator managed the sampling process and prepared sample units for each team on daily basis. He also uploaded the questionnaire to each tablet and downloaded the completed data on daily basis to the database and prepared the tables for next day data collection. The supervisors also supported their respective team to identify the households to be interviewed and provided replacement for missing or no-response households. They also conducted monitoring of the interview process. At the end of each day, the supervisors conducted a quality check of the data before the submission to the database.

### Questionnaires

The survey questionnaire used to collect the data consists of the following sections: General Information and Demographics, Water Collection and Storage, Hygiene, Sanitation.

### Data Collectors

Name	Abbreviation	Affiliation
Action Africa Help	AAH	
Lutheran World Federation	LWF	

### Supervision

The survey was conducted by AAH and LWF, and coordinated by UNHCR.

## Data Processing

### **Data Editing**

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Data was anonymized through recoding and local suppression

## Data Appraisal

No content available

## File Description

# Variable List

**UNHCR\_UGA\_Kyangwali\_2018\_KAP**

Content	This file contains all household-level data collected during this survey.
Cases	0
Variable(s)	44
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1	case_id	Case id	contin	numeric	
V2	survdate	Date of Interview	discrete	numeric	
V3	district	District	discrete	numeric	
V4	camp	Camp	discrete	numeric	
V5	zone	Zone	discrete	numeric	
V6	team	Team	discrete	numeric	
V7	s2a1	Household give its consent to be interviewed	discrete	numeric	
V8	s2a3a	How many people slept in this house last night?	discrete	numeric	
V9	s2a3b	How many children less than 5 years old live and slept in this house last night?	discrete	numeric	
V10	s2b1a	What is the principal source of drinking water for members of your household?	discrete	numeric	
V11	s2b1a_other	What is the principal source of drinking water for members of your household?Oth	discrete	numeric	
V12	s2b1b	What is the second most used source of drinking water for members household?	discrete	numeric	
V13	s2b3	Show you all the containers that they have	discrete	numeric	
V14	s2b3b	How many containers do you have to COLLECT and STORE drinking water for house?	discrete	numeric	
V15	s2b5	Do you collect enough water to meet all your households needs?	discrete	numeric	
V16	s2d1	Show me the soap you have in the household	discrete	numeric	
V17	s2d5_1	Name the most important times when someone should wash their hands? Eating	discrete	numeric	
V18	s2d5_2	Name the most important times when someone should wash their hands? Cooking	discrete	numeric	
V19	s2d5_3	Name the most important times when someone should wash their hands? Defecation	discrete	numeric	
V20	s2d5_4	Name the most important times when someone should wash their hands?Breastfeeding	discrete	numeric	
V21	s2d5_5	Name the most important times when someone should wash their hands?Feeding child	discrete	numeric	
V22	s2d5_6	Name the most important times when someone should wash their hands?Child's stool	discrete	numeric	

V23	s2d5_other	Name the most important times when someone should wash their hands? Other	discrete	numeric
V24	s2d5_dk	Name the most important times when someone should wash their hands? Don't know	discrete	numeric
V25	s2d5_other2	Name the most important times when someone should wash their hands?specify Other	discrete	numeric
V26	s2d6	Specific hand washing device/station IN HOUSE where household washes hands	discrete	numeric
V27	s2d7	What type of handwashing device IN HOUSE where household washes hands?	discrete	numeric
V28	s2d8	Is there water in the hand washing device/station?	discrete	numeric
V29	s2d9	Is there soap/ash in the area of the hand washing device/station?	discrete	numeric
V30	s2e1	Where do you/household members (EXCLUDING children under 5) go to defecate?	discrete	numeric
V31	s2e2	Where do children under-5 living in this household usually go to defecate?	discrete	numeric
V32	s2e3	For children under 5 who dont use the latrine what is done with their faeces?	discrete	numeric
V33	s2e4	Do adult members household sometimes defecate in the open air?	discrete	numeric
V34	s2e4_why	Why do adult members household sometimes defecate in the open air?	discrete	numeric
V35	s2e4_other	Why do adult members household sometimes defecate in the open air? Other	discrete	numeric
V36	s2e6	Does this latrine provide adequate privacy for you and your household members?	discrete	numeric
V37	s2e6_why	Why latrine doesn't provide privacy for household members?	discrete	numeric
V38	s2e16	Facility where family members bathe. Have a designated bathing facility AT HOME?	discrete	numeric
V39	s2e17	Where does your household dispose of domestic waste?	discrete	numeric
V40	s2e17_other	Where does your household dispose of domestic waste? Other	discrete	numeric
V41	w1	RawHHweight	contin	numeric
V42	nw1	NormalizedHHweight	contin	numeric
V43	s2b5_why2	Why don't you collect enough water to meet all your households needs? Specify	discrete	numeric
V44	s2b5_why	Why don't you collect enough water to meet all your households needs?	discrete	numeric



## Case id (case\_id)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: 1-384

Valid cases: 0  
 Invalid: 0

## Date of Interview (survdate)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-5

Valid cases: 0  
 Invalid: 0

## District (district)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-1

Valid cases: 0  
 Invalid: 0

## Camp (camp)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-1

Valid cases: 0  
 Invalid: 0

## Zone (zone)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-5

Valid cases: 0  
 Invalid: 0

## Team (team)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: 1-5

Valid cases: 0  
 Invalid: 0

## Household give its consent to be interviewed (s2a1)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 0  
 Invalid: 0

## How many people slept in this house last night? (s2a3a)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-11

Valid cases: 0  
 Invalid: 0

## How many children less than 5 years old live and slept in this house last night? (s2a3b)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-4

Valid cases: 0  
 Invalid: 0

## What is the principal source of drinking water for members of your household? (s2b1a)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-9

Valid cases: 0  
 Invalid: 0

What is the principal source of drinking water for members of your household?Oth (s2b1a\_other)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 0  
Invalid: 0

What is the second most used source of drinking water for members household? (s2b1b)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-13

Valid cases: 0  
Invalid: 0

Show you all the containers that they have (s2b3)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-2

Valid cases: 0  
Invalid: 0

How many containers do you have to COLLECT and STORE drinking water for house? (s2b3b)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-15

Valid cases: 0  
Invalid: 0

Do you collect enough water to meet all your households needs? (s2b5)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 0  
 Invalid: 0

Show me the soap you have in the household (s2d1)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

Name the most important times when someone should wash their hands? Eating (s2d5\_1)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 0  
 Invalid: 0

Name the most important times when someone should wash their hands? Cooking (s2d5\_2)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 0  
 Invalid: 0

Name the most important times when someone should wash their hands? Defecation (s2d5\_3)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 0  
 Invalid: 0

Name the most important times when someone should wash their hands?Breastfeeding (s2d5\_4)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 0  
Invalid: 0

Name the most important times when someone should wash their hands?Feeding child (s2d5\_5)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 0  
Invalid: 0

Name the most important times when someone should wash their hands?Child's stool (s2d5\_6)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 0  
Invalid: 0

Name the most important times when someone should wash their hands? Other (s2d5\_other)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 0  
Invalid: 0

Name the most important times when someone should wash their hands? Don't know (s2d5\_dk)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-2

Valid cases: 0  
 Invalid: 0

Name the most important times when someone should wash their hands?specify Other (s2d5\_other2)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-23

Valid cases: 0  
 Invalid: 0

Specific hand washing device/station IN HOUSE where household washes hands (s2d6)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 0  
 Invalid: 0

What type of handwashing device IN HOUSE where household washes hands? (s2d7)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-4

Valid cases: 0  
 Invalid: 0

Is there water in the hand washing device/station? (s2d8)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 0  
 Invalid: 0

Is there soap/ash in the area of the hand washing device/station?  
(s2d9)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 0  
Invalid: 0

Where do you/household members (EXCLUDING children under 5) go to defecate? (s2e1)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-5

Valid cases: 0  
Invalid: 0

Where do children under-5 living in this household usually go to defecate? (s2e2)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-6

Valid cases: 0  
Invalid: 0

For children under 5 who dont use the latrine what is done with their faeces? (s2e3)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-6

Valid cases: 0  
Invalid: 0

Do adult members household sometimes defecate in the open air? (s2e4)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 0  
 Invalid: 0

Why do adult members household sometimes defecate in the open air? (s2e4\_why)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-6

Valid cases: 0  
 Invalid: 0

Why do adult members household sometimes defecate in the open air? Other (s2e4\_other)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 0  
 Invalid: 0

Does this latrine provide adequate privacy for you and your household members? (s2e6)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-3

Valid cases: 0  
 Invalid: 0

Why latrine doesn't provide privacy for household members? (s2e6\_why)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: 1-4

Valid cases: 0  
 Invalid: 0

Facility where family members bathe. Have a designated bathing facility AT HOME? (s2e16)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-4

Valid cases: 0  
Invalid: 0

Where does your household dispose of domestic waste? (s2e17)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-10

Valid cases: 0  
Invalid: 0

Where does your household dispose of domestic waste? Other (s2e17\_other)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-6

Valid cases: 0  
Invalid: 0

RawHHweight (w1)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Continuous  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 34.3978652954102-95.9909515380859

Valid cases: 0  
Invalid: 0

NormalizedHHweight (nw1)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

#### Overview

Type: Continuous  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0.498294115066528-1.39054346084595

Valid cases: 0  
Invalid: 0

Why don't you collect enough water to meet all your households needs? Specify (s2b5\_why2)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

**Overview**

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-8

Valid cases: 0  
Invalid: 0

Why don't you collect enough water to meet all your households needs? (s2b5\_why)

File: UNHCR\_UGA\_Kyangwali\_2018\_KAP

**Overview**

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-8

Valid cases: 0  
Invalid: 0

## Documentation

### Questionnaires

#### **WASH KAP Survey, Kyangwali Refugee Settlement 2018 - Questionnaire**

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Title WASH KAP Survey, Kyangwali Refugee Settlement 2018 - Questionnaire

Filename <https://microdata.unhcr.org/index.php/catalog/206/download/572>

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### Reports

#### **WASH Knowledge, Attitude, and Practice Survey Report, Kyangwali Refugee Settlement 2018**

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Title WASH Knowledge, Attitude, and Practice Survey Report, Kyangwali Refugee Settlement 2018

Filename <https://microdata.unhcr.org/index.php/catalog/206/download/571>

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