

# Tanzania - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps (Nyarugusu, Nduta and Mtendeli) - October 2019

**UNHCR**

Report generated on: May 3, 2021

Visit our data catalog at: <https://microdata.unhcr.org/index.php>

## Overview

### Identification

#### ID NUMBER

UNHCR\_TZA\_2019\_SENS\_KIGOMA\_v2.1

### Version

#### VERSION DESCRIPTION

v2.1: Edited, anonymous dataset for licensed distribution.

#### PRODUCTION DATE

2020-10

## Overview

#### ABSTRACT

The UNHCR standardized expanded nutrition surveys (SENS) were conducted in the three refugee camps located in Kigoma region, the western part of Tanzania. The region has been receiving waves of refugees usually fleeing their countries particularly Burundi and the Republic Democratic of Congo (DRC) for decades now. During the surveys, Kigoma region was mainly hosting 260,906 refugees including; 58,077 Congolese in Nyarugusu old camp, 84,028 Burundians in Nyarugusu new camp, 84,691 Burundians in Nduta and 34,110 Burundians in Mtendeli camp. The under-five population was 54,395 in total including; 11,118 in Nyarugusu old camp, 16,861 in Nyarugusu new camp, 18,649 in Nduta and 7,767 in Mtendeli. Camps are located closer to host communities and to some extent the ethnical characteristics resembles especially between Burundians and the ethnic group of "Waha", the majority in Kasulu and Kibondo districts. Unlike in previous years, the upgraded UNHCR SENS from version 2 (2013) to version 3 (2019) was piloted for the first time in Kigoma region, Tanzania between September and October 2019. In this version, seven modules were considered namely; Demography, Anthropometry and Health, Anaemia, Infant and Young Child Feeding (IYCF), Food Security, Mosquito Net Coverage and Water, Sanitation and Hygiene (WASH).

#### KIND OF DATA

Sample survey data [ssd]

#### UNITS OF ANALYSIS

Individuals and households

## Scope

#### NOTES

Children between 6-59 months: Demographic profiling, nutritional status, anthropometry, health and anaemia

Children between 0-23 months: Nutritional status, breastfeeding conditions

Women between 15-49 years: anthropometry, health and anaemia

Households: food security, WASH, mosquito net coverage, demographic profiling.

#### TOPICS

Topic	Vocabulary	URI
Health and Nutrition		

Water Sanitation Hygiene		
Domestic Needs/Household Support		
Basic Needs		

## Coverage

### GEOGRAPHIC COVERAGE

All refugee camps in Kigoma: Nyarugusu, Mtendeli, Nduta.

### UNIVERSE

All household members, all women between 15-49 years resident in the household, all children under 5 resident in the household.

## Producers and Sponsors

### PRIMARY INVESTIGATOR(S)

Name	Affiliation
UNHCR	

### OTHER PRODUCER(S)

Name	Affiliation	Role
WFP		
UNICEF		
TANZANIA RED CROSS SOCIETY		
WORLD VISION		
MEDECINS SANS FRONTIERES		
MINISTRY OF HEALTH		

## Metadata Production

### METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
UNHCR			

### DATE OF METADATA PRODUCTION

2020-05-28

### DDI DOCUMENT ID

UNHCR\_TZA\_2019\_SENS\_Kigoma\_DDI\_v1.1

## Sampling

### Sampling Procedure

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In each camp, a cross-sectional household survey was conducted using a two-stage cluster sampling. Four independent samples were drawn separately for Nyarugusu New camp, Nyarugusu Old camp, Nduta camp and Mtendeli camp using the cluster sampling methodology.

### Deviations from Sample Design

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#### Absent Household

If the household members were not present, the survey team had to ask from neighbor of the residents' whereabouts. If they were expected to return before the survey team leaves the village/cluster, the survey team had to return to administer the questionnaire on the same day where possible. This household had an ID, even if the survey team could not able to revisit them. The survey team continued with the survey by choosing the next household according to the selection method described above and this household was not replaced. A household was considered "absent" when its members slept there last night and went out for the whole day of the survey.

#### Refusal

If a participant or an entire household refused to participate then it was considered a refusal and the individual or the household was not replaced with another. The refusal was recorded in the data collection control sheet.

#### Households without children U5 and/or without women

In households with no children aged 0-59 months and/or women between 15 and 49 years, the survey team had to complete the Demography questionnaire and the Household questionnaire (Food security, mosquito net and WASH) if this household was selected for the Household questionnaire (administered in every other household). In the data collection control sheet, the team leader wrote the household's number and indicated that no children between the ages of 0 and 59 months and/or no women between the ages of 15 and 49 years belonged to the household.

#### Absent Children/Women

The team leader asked the reason of the children's/women's absence. If the child/woman (or children or women) is close to the home, someone should be sent to bring them back. If the child/woman was expected to return before the survey team leaves the village/cluster, then the survey team had to return before the end of the day to take the measurements. If the child/woman could not be found before the team leaves the village/cluster, the child/woman available information (age, sex, etc.) were recorded in the questionnaire and the child/woman was marked as "absent" in the data collection control sheet.

#### Disabled Children

Disabled children were included in the survey. If a physical deformity prevents the measurement of child's weight, height or MUAC, the data were recorded as missing and the remaining data were collected. This information was recorded in the data collection control sheet.

#### Children in a medical/nutrition centre

Children in a medical/nutrition centre were included in the survey. Where feasible, the team had to go to the centre. If it was not possible to visit the centre, the child was given an ID number and considered as absent and not replaced. If the child was too weak to be measured, the anthropometric data were recorded as missing and the remaining data were collected. This information was also recorded in the data collection control sheet.

## Weighting

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Sample weights were calculated for each of the data files.

Sample weights for the household data were computed as the inverse of the probability of selection of the household, computed at the sampling domain level (urban/rural within each region). The household weights were adjusted for non-response at the domain level, and were then normalized by a constant factor so that the total weighted number of households equals the total unweighted number of households.



# Questionnaires

## Overview

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The SENS modules include standardized questionnaires, analysis guidance, reporting format and standard analysis procedures.

4 questionnaires were included in this version:

1. Household demographics
2. Household mosquito nets, food security and WASH
3. Individuals, children under 5
4. Individuals, women between 15-49

## Data Collection

### Data Collection Dates

Start	End	Cycle
2019-09-17	2019-10-20	N/A

### Data Collection Mode

Face-to-face [f2f]

### Data Collection Notes

Data were collected using mobile phones operated by the Android operating system (LG) and the ODK application. During supervision in the field and at the end of each day, the survey consultant and the supervisors manually check the phone questionnaires for completeness, consistency and accuracy. This check also used to provide feedback to the teams to improve data collection as the surveys progressed. Children data were downloaded and analysed on a daily basis with the ENA software (ENA for SMART 2011, July 9th, 2015). The SMART plausibility report was generated daily in order to identify any problems with anthropometric data collection such as flags and digit preference for age, height and weight, to improve the quality of the anthropometric data collected as the survey was on-going. A quick check on Haemoglobin concentration among children and non-pregnant women was conducted during quality check. This was done by checking the disparities of number of subjects with low Hb level amongst the teams and feedback was provided for necessary correction among blood sample takers where applicable.

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4 questionnaires were included in this version:

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2. Household mosquito nets, food security and WASH
3. Individuals, children under 5
4. Individuals, women between 15-49

### Data Collectors

Name	Abbreviation	Affiliation
UNHCR		

## Data Processing

### Data Editing

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All data files were reviewed before analysis. Anthropometric data for children 6-59 months were analysed using ENA for SMART software. The nutritional indices were cleaned using flexible criterion ( $\pm 3$  SD from the observed mean; also known as SMART flags in the ENA for SMART software).

The nutrition results were presented in the standard format following the report template from the ENA software (ENA for SMART 2011, July 9th, 2015). This format includes GAM, SAM, Stunting, Underweight and Overweight with 95% confidence intervals. The report has estimates of malnutrition calculated with the WHO 2006 growth references.

All other data were analysed in Epi-Info 7. Primary data and secondary information related to health and nutrition were also gathered through interviews, observations and various records. In the secondary data review; the UNHCR Health Information System (HIS) data, UNHCR and partners weekly and monthly reports and past nutritional survey reports were used for the final analysis.

Data was anonymized through decoding and local suppression.



## Data Appraisal

No content available

## **File Description**

## Variable List

## Household FS WASH MN Module

### Content

Cases	1161
Variable(s)	93
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V159	hhid	Household ID	contin	numeric	
V160	camp_label	Camp	discrete	numeric	
V161	hhhsex	Household head sex	discrete	numeric	
V162	hh_age	Household head's age	discrete	numeric	
V163	hhsz	Household size	discrete	numeric	
V164	foodass	Does your household receive food assistance (general in-kind food distribution)	discrete	numeric	
V165	rcard	Does your household have a ration card for general in-kind food?	discrete	numeric	
V166	gfdlast	How many days did the food last?	contin	numeric	
V167	extneeds	To what extent are you currently able to meet the basic needs of your household?	discrete	numeric	
V168	needsnotfoodb	Which of your household's basic needs can you not afford? FOOD	discrete	numeric	
V169	needsnotwaterb	Which of your household's basic needs can you not afford? WATER	discrete	numeric	
V170	needsnothygieneb	Which of your household's basic needs can you not afford? HYGIENE ITEMS	discrete	numeric	
V171	needsnothealthb	Which of your household's basic needs can you not afford? HEALTH COSTS	discrete	numeric	
V172	needsnothouseb	Which of your household's basic needs can you not afford? HOUSEHOLD ITEMS	discrete	numeric	
V173	needsnotfuelb	Which of your household's basic needs can you not afford? FUEL OR FIREWOOD	discrete	numeric	
V174	needsnotlivelib	Which of your household's basic needs can you not afford? LIVELIHOOD ACTV	discrete	numeric	
V175	needsnotdebtsb	Which of your household's basic needs can you not afford? DEBT REPAYMENT	discrete	numeric	
V176	needsnotsavingb	Which of your household's basic needs can you not afford? SAVE MONEY	discrete	numeric	
V177	needsnoteducab	Which of your household's basic needs can you not afford? EDUCATION	discrete	numeric	
V178	needsnototherb	Which of your household's basic needs can you not afford? OTHER	discrete	numeric	

V179	needsnotdknb	Which of your household's basic needs can you not afford? DON'T KNOW	discrete	numeric
V180	hhfuel	What cooking fuel does your household usually use?	discrete	numeric
V181	school	Past 4 weeks: have you/anyone in hh needed to stop a child from attending school?	discrete	numeric
V182	sellliv	Past 4 weeks: have you/anyone in hh needed to sell your assets to buy food?	discrete	numeric
V183	beg	Past 4 weeks: have you/anyone in hh needed to ask money from strangers (beg)?	discrete	numeric
V184	shelter	Past 4 weeks: have you/anyone in hh needed to move to a poorer quality shelter?	discrete	numeric
V185	childlab	Past 4 weeks: have you/anyone in hh needed to send anyone u16 to work?	discrete	numeric
V186	workaway	Past 4 weeks: have you/anyone in your hh needed to send anyone to work far?	discrete	numeric
V187	riskyact	Past 4 weeks: have you/anyone in hh engaged in risky actv for money? (illegal)	discrete	numeric
V188	rentdebt	Past 4 weeks: have you/anyone in hh needed to skip rent/debts for other needs?	discrete	numeric
V189	loanbrw	Past 4 weeks: have you/anyone in hh taken out new loans or borrowed money?	discrete	numeric
V190	reduce	Past 4 weeks: have you/any in hh reduced expend of hygiene/health/educ for food?	discrete	numeric
V191	lessexp	7 days: how mny days did hh rely on less preferred food due to lack of money?	discrete	numeric
V192	brw	7 days: how mny days did hh borrow food/rely on help due to lack of money/food?	discrete	numeric
V193	lessmeal	7 days: how mny days did your hh reduce eaten meals due to lack of money/food?	discrete	numeric
V194	redmeal	7 days: how mny days did your hh reduce portions due to lack of food/money?	discrete	numeric
V195	redadult	7 days: how mny days did adults reduce portions in favor of children?	discrete	numeric
V196	rcsi	Coping Strategies and Reduced Coping Strategy Index	contin	numeric
V197	crlrotu	7 days: How many days did your hh eat CEREALS, ROOTS AND TUBERS?	discrete	numeric
V198	pulse	7 days: How many days did your hh eat PULSES, NUTS and/or SEEDS?	discrete	numeric
V199	milk	7 days: How many days did your hh eat FRESH MILK, CHEESE, YOGURT?	discrete	numeric
V200	prot	7 days: How many days did your hh eat ANY MEAT, FISH AND EGGS?	discrete	numeric
V201	fishmt	7 days: How many days did your hh eat ANY MEAT?	discrete	numeric
V202	orgmt	7 days: How many days did your hh eat ANY ORGAN MEAT OR BLOOD BASED FOOD?	discrete	numeric
V203	fishsf	7 days: How many days did your hh eat ANY FRESH OR DRIED FISH OR SHELLFISH?	discrete	numeric

V204	eggs	7 days: How many days did your hh eat EGGS?	discrete	numeric
V205	vegl	7 days: How many days did your hh eat ANY VEGETABLES AND LEAVES?	discrete	numeric
V206	vitav	7 days: How many days did your hh eat ANY CARROTS, SWEET POTATOS OR SQUASH?	discrete	numeric
V207	greenv	7 days: How many days did your hh eat ANY DARK GREEN LEAFY VEGETABLES?	discrete	numeric
V208	frt	7 days: How many days did your hh eat ANY FRUIT?	discrete	numeric
V209	vitafrt	7 days: How many days did your hh eat ANY MANGOES, PAPAYA OR PASSION FRUIT?	discrete	numeric
V210	palmoil	7 days: How many days did your hh eat RED PALM NUT OR SAUCES?	discrete	numeric
V211	fats	7 days: How many days did your hh eat ANY OILS AND FATS ADDED TO FOOD?	discrete	numeric
V212	swts	7 days: How many days did your hh eat ANY SWEETS, SWEETENED SODA, SUGARY FOODS?	discrete	numeric
V213	spice	7 days: How many days did your hh eat ANY SPICES, CONDIMENTS AND BEVERAGES?	discrete	numeric
V214	spenutf	7 days: How many days did your hh eat CSB+, CSB++ OR PLUMPY NUT?	discrete	numeric
V215	foodsou	How was the food acquired?	discrete	numeric
V216	fcs	Food Consumption Score	contin	numeric
V217	tothh	How many people live in this household and slept here last night?	discrete	numeric
V218	totch	How many children 0-59 months live in this household and slept here last night?	discrete	numeric
V219	totpw	How many pregnant women live in this household and slept here last night?	discrete	numeric
V220	mosnets	Do you have mosquito bed nets in this household that can be used while sleeping?	discrete	numeric
V221	numnets	How many mosquito bed nets that can be used while sleeping does your hh have?	discrete	numeric
V222	totln	Total number of nets	discrete	numeric
V223	net_brand1	Net Brand: Dawaplus	discrete	numeric
V224	net_brand2	Net Brand: Duranet	discrete	numeric
V225	net_brand3	Net Brand: Interceptor	discrete	numeric
V226	net_brand4	Net Brand: Lifenet	discrete	numeric
V227	net_brand5	Net Brand: Magnet	discrete	numeric
V228	net_brand6	Net Brand: Miranet	discrete	numeric
V229	xtotnetsobs	Total number of bed net observed	discrete	numeric
V230	totslpnt	Total HH members who slept under a net of any type	discrete	numeric
V231	totslpln	Total HH members who slept under an LLIN	discrete	numeric
V232	totchnt	Total HH members below 5 who slept under a net of any type	discrete	numeric

V233	totchl	Total HH members below 5 who slept under an LLIN	discrete	numeric
V234	totpwnt	Total HH pregnant members who slept under any type of net	discrete	numeric
V235	totpwn	Total HH pregnant members who slept under a LLIN net	discrete	numeric
V236	xgtotch	Number of total children	discrete	numeric
V237	xgtotpw	Number of Total Pregnant	discrete	numeric
V238	source	What is the principal source of drinking water for members of your household?	discrete	numeric
V239	toilet	Where do you and your hh members (excluding children u5) usually go to defecate?	discrete	numeric
V240	soap	Please show me the soap you have in the household	discrete	numeric
V241	container	How many containers do you have to collect or store water for domestic purposes?	contin	numeric
V242	xtotvolcollectedpotable	Total Volume Capacity for Collected Potable Water	contin	numeric
V243	xtotvolcollectedpotableprotected	Total Volume Capacity for Collected Potable Water Protected	contin	numeric
V244	xtotvolcollectedall	Total Volume Capacity for All Collected Water	contin	numeric
V245	xtotvolstorage	Total Volume Capacity for Water Storage	contin	numeric
V246	potable	All collected potable water	contin	numeric
V247	potaprot	All collected protected potable water	contin	numeric
V248	xavgvolcollectedall	Average all collected water	contin	numeric
V249	storage	Capacity of water storage	contin	numeric
V250	surveyweight	Survey weights	contin	numeric
V251	hhadr2	Adult to dependent ratio	contin	numeric

## Women's Module

### Content

Cases 1206

Variable(s) 19

Structure Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V252	hhid	Household ID	contin	numeric	
V253	woman_n	Individual ID	discrete	numeric	
V254	camp	Camp	discrete	numeric	
V255	w_age	Woman's age	discrete	numeric	
V256	pregnant	Pregnant	discrete	numeric	
V257	anc	Are you currently enrolled in the ANC programme?	discrete	numeric	
V258	ferec	Are you currently receiving iron-folate pills?	discrete	numeric	
V259	lactat	Are you currently breastfeeding?	discrete	numeric	
V260	lactatu6	Is the child you are breastfeeding younger than 6 months old?	discrete	numeric	
V261	wmvita	In the first two months after delivery, did you receive a vitamin A supplement?	discrete	numeric	
V262	wmbssf	Are you currently enrolled in the BSFP?	discrete	numeric	
V263	wmmuac_in	[NAME OF WOMAN]'s MUAC in inches ( $\hat{A}\pm 0.1$ in)	contin	numeric	
V264	wmmuac	[NAME OF WOMAN]'s MUAC in cm ( $\hat{A}\pm 0.1$ cm)	contin	numeric	
V265	wmhunit	Units of measurement of your HemoCue device (g/dL or g/L)	discrete	numeric	
V266	wmh_b_gdl	[NAME OF WOMAN]'s haemoglobin in g/dL	contin	numeric	
V267	wmh_b_gl	[NAME OF WOMAN]'s haemoglobin in g/L	contin	numeric	
V268	wmh_b	[NAME OF WOMAN]'s haemoglobin in g/dL ( $\hat{A}\pm 0.1$ g/dL) or in g/L ( $\hat{A}\pm 1$ g/L)	contin	numeric	
V269	wmrefan	Automatic referral for woman who has severe anaemia: if Hb<8 g/dL	discrete	numeric	
V270	surveyweight	Survey raw weight	contin	numeric	



## Children and IYCF Modules

### Content

Cases 2740

Variable(s) 46

Structure  
Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V271	house_id	Household ID	contin	numeric	
V272	child_n	Child ID	discrete	numeric	
V273	camp	Camp	discrete	numeric	
V274	sex	Sex	discrete	numeric	
V275	age_months	Age in Months	discrete	numeric	
V276	weight	Child's weight in KG	contin	numeric	
V277	height	Child's height in CM	contin	numeric	
V278	edema	Does the [NAME OF CHILD] present bilateral pitting oedema?	discrete	numeric	
V279	muac	Child's middle upper arm circumference in cm	contin	numeric	
V280	measure	Was [CHILD] measured lying down (l) or standing up (h)?	discrete	numeric	
V281	clothes	Is [CHILD] dressed with clothes for the weight measurement?	discrete	numeric	
V282	enrol	Is CHILD currently treated in NUTRITION PROGRAMMES for malnutrition	discrete	numeric	
V283	bsfpcsb	Is CHILD currently enrolled in the BSFP for malnutrition	discrete	numeric	
V284	bsfpmnp	Is CHILD currently receiving MNPs sachets?	discrete	numeric	
V285	measles	Has CHILD been vaccinated against measles?	discrete	numeric	
V286	vita	Has [NAME OF CHILD] received a vitamin A capsule in the past six months?	discrete	numeric	
V287	deworm	Was [NAME OF CHILD] given any drug for intestinal worms in the last six months?	discrete	numeric	
V288	diar	Has [NAME OF CHILD] had diarrhoea in the past 2 weeks?	discrete	numeric	
V289	diarors	Did you give ORS sachets to [NAME OF CHILD] when s/he had diarrhoea?	discrete	numeric	
V290	diarzinc	Did you give zinc tablets or syrup to [NAME OF CHILD] when s/he had diarrhoea?	discrete	numeric	
V291	chhb	[NAME OF CHILD]'s haemoglobin (Hb) in g/dL ( $\hat{A}\pm 0.1$ g/dL) or in g/L ( $\hat{A}\pm 1$ g/L)	contin	numeric	
V292	refsam	Auto referral for child w. signs of severe acute malnutrition who is not in it	discrete	numeric	
V293	refmam	Auto referral for child w. signs of moderate acute malnutrition who is not in it	discrete	numeric	

V294	refanem	Automatic referral for child who has severe anaemia	discrete	numeric
V295	fleshfd	Yesterday, did [NAME] consume any of the following? MEAT inc FISH	discrete	numeric
V296	fbf	Yesterday, did [NAME] consume any of the following? CSB	discrete	numeric
V297	fbfsuper	Yesterday, did [NAME] consume any of the following? CSB++	discrete	numeric
V298	rutf	Yesterday, did [NAME] consume any of the following? Plumpy'Nut	discrete	numeric
V299	informfe	Yesterday, did [NAME] consume any of the following? Iron fortified formula	discrete	numeric
V300	foodfe	Yesterday, did [NAME] consume any the following? Iron fortified foods for infant	discrete	numeric
V301	mnp	Yesterday, did [NAME] consume any food with added MNPs?	discrete	numeric
V302	everbf	Has [NAME OF CHILD] ever been breastfed?	discrete	numeric
V303	initbf	How long after birth did you first put [NAME OF CHILD] to the breast?	discrete	numeric
V304	yestbf	Was [NAME OF CHILD] breastfed yesterday during the day or at night?	discrete	numeric
V305	water	Yesterday, did CHILD receive WATER	discrete	numeric
V306	inform	Yesterday, did CHILD receive FORMULA	discrete	numeric
V307	milk	Yesterday, did CHILD receive MILK	discrete	numeric
V308	juice	Yesterday, did CHILD receive JUICE	discrete	numeric
V309	broth	Yesterday, did CHILD receive BROTH	discrete	numeric
V310	yogurt	Yesterday, did CHILD receive YOGURT	discrete	numeric
V311	thinpor	Yesterday, did CHILD receive THIN PORRIDGE	discrete	numeric
V312	whteacof	Yesterday, did CHILD receive TEA OR COFFE WITH MILK	discrete	numeric
V313	watlqd	Yesterday, did CHILD receive OTHR WATER BASED LQD	discrete	numeric
V314	food	Yesterday, did CHILD receive SOLID OR SEMI SOLID FOOD	discrete	numeric
V315	bottle	Yesterday, did CHILD receive ANYTHING FROM A BOTTLE WITH NIPPLE	discrete	numeric
V316	surveyweight	Survey weight	contin	numeric



## Household ID (hhid)

## File: Household FS WASH MN Module

**Overview**

Type: Continuous	Valid cases: 1161
Format: numeric	Invalid: 0
Width: 9	Minimum: 1
Decimals: 0	Maximum: 1161
Range: 1-1161	Mean: 581
	Standard deviation: 335.3

## Camp (camp\_label)

## File: Household FS WASH MN Module

**Overview**

Type: Discrete	Valid cases: 1161
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-4	

## Household head sex (hhhsex)

## File: Household FS WASH MN Module

**Overview**

Type: Discrete	Valid cases: 1065
Format: numeric	Invalid: 96
Width: 12	
Decimals: 0	
Range: 1-2	

## Household head's age (hh\_age)

## File: Household FS WASH MN Module

**Overview**

Type: Discrete	Valid cases: 1065
Format: numeric	Invalid: 96
Width: 12	
Decimals: 0	
Range: 1-11	

## Household size (hhsiz)

## File: Household FS WASH MN Module

**Overview**

Type: Discrete	Valid cases: 1157
Format: numeric	Invalid: 4
Width: 10	
Decimals: 0	
Range: 1-12	

Does your household receive food assistance (general in-kind food distribution) (foodass)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1161  
Invalid: 0

Does your household have a ration card for general in-kind food? (rcard)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1161  
Invalid: 0

How many days did the food last? (gfdlast)

File: Household FS WASH MN Module

#### Overview

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-28

Valid cases: 1159  
Invalid: 2  
Minimum: 1  
Maximum: 28  
Mean: 22.5  
Standard deviation: 4.2

To what extent are you currently able to meet the basic needs of your household? (extneeds)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1161  
Invalid: 0

Which of your household's basic needs can you not afford? FOOD (needsnotfoodb)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1150  
 Invalid: 11

Which of your household's basic needs can you not afford? WATER  
 (needsnotwaterb)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1150  
 Invalid: 11

Which of your household's basic needs can you not afford?  
 HYGIENE ITEMS (needsnothygieneb)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1150  
 Invalid: 11

Which of your household's basic needs can you not afford?  
 HEALTH COSTS (needsnothealthb)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1150  
 Invalid: 11

Which of your household's basic needs can you not afford?  
 HOUSEHOLD ITEMS (needsnothouseb)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1150  
 Invalid: 11

Which of your household's basic needs can you not afford? FUEL  
OR FIREWOOD (needsnotfuelb)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1150  
Invalid: 11

Which of your household's basic needs can you not afford?  
LIVELIHOOD ACTV (needsnotlivelib)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1150  
Invalid: 11

Which of your household's basic needs can you not afford? DEBT  
REPAYMENT (needsnotdebtsb)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1150  
Invalid: 11

Which of your household's basic needs can you not afford? SAVE  
MONEY (needsnotsavingb)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1150  
Invalid: 11

Which of your household's basic needs can you not afford?  
EDUCATION (needsnoteducab)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1150  
 Invalid: 11

Which of your household's basic needs can you not afford? OTHER (needsnototherb)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1150  
 Invalid: 11

Which of your household's basic needs can you not afford? DON'T KNOW (needsnotdknb)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1150  
 Invalid: 11

What cooking fuel does your household usually use? (hhfuel)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1161  
 Invalid: 0

Past 4 weeks: have you/anyone in hh needed to stop a child from attending school? (school)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1161  
 Invalid: 0



Past 4 weeks: have you/anyone in hh needed to sell your assets to buy food? (sellliv)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1161  
Invalid: 0

Past 4 weeks: have you/anyone in hh needed to ask money from strangers (beg)? (beg)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1161  
Invalid: 0

Past 4 weeks: have you/anyone in hh needed to move to a poorer quality shelter? (shelter)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1161  
Invalid: 0

Past 4 weeks: have you/anyone in hh needed to send anyone u16 to work? (childlab)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1161  
Invalid: 0

Past 4 weeks: have you/anyone in your hh needed to send anyone to work far? (workaway)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1161  
 Invalid: 0

Past 4 weeks: have you/anyone in hh engaged in risky actv for money? (illegal) (riskyact)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1161  
 Invalid: 0

Past 4 weeks: have you/anyone in hh needed to skip rent/debts for other needs? (rentdebt)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1161  
 Invalid: 0

Past 4 weeks: have you/anyone in hh taken out new loans or borrowed money? (loanbrw)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1161  
 Invalid: 0

Past 4 weeks: have you/any in hh reduced expend of hygiene/health/educ for food? (reduce)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1161  
 Invalid: 0

7 days: how many days did hh rely on less preferred food due to lack of money? (lessexp)

File: Household FS WASH MN Module

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-7

Valid cases: 1161  
Invalid: 0

7 days: how many days did hh borrow food/rely on help due to lack of money/food? (brw)

File: Household FS WASH MN Module

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-7

Valid cases: 1161  
Invalid: 0

7 days: how many days did your hh reduce eaten meals due to lack of money/food? (lessmeal)

File: Household FS WASH MN Module

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-7

Valid cases: 1161  
Invalid: 0

7 days: how many days did your hh reduce portions due to lack of food/money? (redmeal)

File: Household FS WASH MN Module

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-7

Valid cases: 1161  
Invalid: 0

7 days: how many days did adults reduce portions in favor of children? (redadult)

File: Household FS WASH MN Module

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-7

Valid cases: 1161  
 Invalid: 0

## Coping Strategies and Reduced Coping Strategy Index (rcsi) File: Household FS WASH MN Module

### Overview

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-56

Valid cases: 1161  
 Invalid: 0  
 Minimum: 0  
 Maximum: 56  
 Mean: 15.7  
 Standard deviation: 12.1

## 7 days: How many days did your hh eat CEREALS, ROOTS AND TUBERS? (crlrotu)

### File: Household FS WASH MN Module

### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-7

Valid cases: 1158  
 Invalid: 3

## 7 days: How many days did your hh eat PULSES, NUTS and/or SEEDS? (pulse)

### File: Household FS WASH MN Module

### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-7

Valid cases: 1161  
 Invalid: 0

## 7 days: How many days did your hh eat FRESH MILK, CHEESE, YOGURT? (milk)

### File: Household FS WASH MN Module

### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-7

Valid cases: 1160  
 Invalid: 1

7 days: How many days did your hh eat ANY MEAT, FISH AND EGGS?  
(prot)

File: Household FS WASH MN Module

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-7

Valid cases: 1161  
Invalid: 0

7 days: How many days did your hh eat ANY MEAT? (flshmt)

File: Household FS WASH MN Module

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-4

Valid cases: 169  
Invalid: 992

7 days: How many days did your hh eat ANY ORGAN MEAT OR BLOOD  
BASED FOOD? (orgmt)

File: Household FS WASH MN Module

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-2

Valid cases: 171  
Invalid: 990

7 days: How many days did your hh eat ANY FRESH OR DRIED FISH OR  
SHELLFISH? (fishsf)

File: Household FS WASH MN Module

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-7

Valid cases: 171  
Invalid: 990

7 days: How many days did your hh eat EGGS? (eggs)

File: Household FS WASH MN Module

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-4

Valid cases: 171  
Invalid: 990

7 days: How many days did your hh eat ANY VEGETABLES AND LEAVES? (vegl)

File: Household FS WASH MN Module

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-7

Valid cases: 1161  
Invalid: 0

7 days: How many days did your hh eat ANY CARROTS, SWEET POTATOS OR SQUASH? (vitav)

File: Household FS WASH MN Module

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-7

Valid cases: 953  
Invalid: 208

7 days: How many days did your hh eat ANY DARK GREEN LEAFY VEGETABLES? (greenv)

File: Household FS WASH MN Module

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-7

Valid cases: 960  
Invalid: 201

7 days: How many days did your hh eat ANY FRUIT? (frt)

File: Household FS WASH MN Module

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-7

Valid cases: 1159  
Invalid: 2

7 days: How many days did your hh eat ANY MANGOES, PAPAYA OR PASSION FRUIT? (vitafrt)

File: Household FS WASH MN Module

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-7

Valid cases: 181  
 Invalid: 980

7 days: How many days did your hh eat RED PALM NUT OR SAUCES?  
 (palmoil)

File: Household FS WASH MN Module

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-7

Valid cases: 1158  
 Invalid: 3

7 days: How many days did your hh eat ANY OILS AND FATS ADDED  
 TO FOOD? (fats)

File: Household FS WASH MN Module

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-7

Valid cases: 1159  
 Invalid: 2

7 days: How many days did your hh eat ANY SWEETS, SWEETENED  
 SODA, SUGARY FOODS? (swts)

File: Household FS WASH MN Module

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-7

Valid cases: 1159  
 Invalid: 2

7 days: How many days did your hh eat ANY SPICES, CONDIMENTS  
 AND BEVERAGES? (spice)

File: Household FS WASH MN Module

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-7

Valid cases: 1158  
 Invalid: 3

7 days: How many days did your hh eat CSB+, CSB++ OR PLUMPY NUT? (spenutf)

File: Household FS WASH MN Module

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-7

Valid cases: 1161  
Invalid: 0

How was the food acquired? (foodsou)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1161  
Invalid: 0

Food Consumption Score (fcs)

File: Household FS WASH MN Module

#### Overview

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 5.5-96.5

Valid cases: 1161  
Invalid: 0  
Minimum: 5.5  
Maximum: 96.5  
Mean: 49  
Standard deviation: 11.5

How many people live in this household and slept here last night? (tothh)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1056  
Invalid: 105

How many children 0-59 months live in this household and slept here last night? (totch)

File: Household FS WASH MN Module

#### Overview



Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-7

Valid cases: 1056  
 Invalid: 105

How many pregnant women live in this household and slept here last night? (totpw)

File: Household FS WASH MN Module

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-8

Valid cases: 1056  
 Invalid: 105

Do you have mosquito bed nets in this household that can be used while sleeping? (mosnets)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1056  
 Invalid: 105

How many mosquito bed nets that can be used while sleeping does your hh have? (numnets)

File: Household FS WASH MN Module

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-6

Valid cases: 672  
 Invalid: 489

Total number of nets (totln)

File: Household FS WASH MN Module

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-6

Valid cases: 672  
 Invalid: 489

## Net Brand: Dawaplus (net\_brand1)

### File: Household FS WASH MN Module

#### Overview

Type: Discrete	Valid cases: 1161
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-3	

## Net Brand: Duranet (net\_brand2)

### File: Household FS WASH MN Module

#### Overview

Type: Discrete	Valid cases: 222
Format: numeric	Invalid: 939
Width: 12	
Decimals: 0	
Range: 1-1	

## Net Brand: Interceptor (net\_brand3)

### File: Household FS WASH MN Module

#### Overview

Type: Discrete	Valid cases: 68
Format: numeric	Invalid: 1093
Width: 12	
Decimals: 0	
Range: 1-1	

## Net Brand: Lifenet (net\_brand4)

### File: Household FS WASH MN Module

#### Overview

Type: Discrete	Valid cases: 14
Format: numeric	Invalid: 1147
Width: 12	
Decimals: 0	
Range: 1-1	

## Net Brand: Magnet (net\_brand5)

### File: Household FS WASH MN Module

#### Overview

Type: Discrete	Valid cases: 1
Format: numeric	Invalid: 1160
Width: 12	
Decimals: 0	
Range: 1-1	

## Net Brand: Miranet (net\_brand6)

### File: Household FS WASH MN Module

#### Overview

Type: Discrete	Valid cases: 1
Format: numeric	Invalid: 1160
Width: 12	
Decimals: 0	
Range: 1-1	

## Total number of bed net observed (xtotnetsobs)

### File: Household FS WASH MN Module

#### Overview

Type: Discrete	Valid cases: 1056
Format: numeric	Invalid: 105
Width: 10	
Decimals: 0	
Range: 0-4	

## Total HH members who slept under a net of any type (totslpnt)

### File: Household FS WASH MN Module

#### Overview

Type: Discrete	Valid cases: 665
Format: numeric	Invalid: 496
Width: 10	
Decimals: 0	
Range: 0-12	

## Total HH members who slept under an LLIN (totslpln)

### File: Household FS WASH MN Module

#### Overview

Type: Discrete	Valid cases: 665
Format: numeric	Invalid: 496
Width: 10	
Decimals: 0	
Range: 0-12	

## Total HH members below 5 who slept under a net of any type (totchnt)

### File: Household FS WASH MN Module

#### Overview

Type: Discrete	Valid cases: 665
Format: numeric	Invalid: 496
Width: 10	
Decimals: 0	
Range: 0-4	

## Total HH members below 5 who slept under an LLIN (totchlIn)

File: Household FS WASH MN Module

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-4

Valid cases: 665  
 Invalid: 496

## Total HH pregnant members who slept under any type of net (totpwnt)

File: Household FS WASH MN Module

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-2

Valid cases: 665  
 Invalid: 496

## Total HH pregnant members who slept under a LLIN net (totpwln)

File: Household FS WASH MN Module

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-2

Valid cases: 665  
 Invalid: 496

## Number of total children (xgtotch)

File: Household FS WASH MN Module

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-5

Valid cases: 1056  
 Invalid: 105

## Number of Total Pregnant (xgtotpw)

File: Household FS WASH MN Module

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-2

Valid cases: 1056  
 Invalid: 105

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

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1157  
Invalid: 4

Where do you and your hh members (excluding children u5) usually go to defecate? (toilet)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1157  
Invalid: 4

Please show me the soap you have in the household (soap)

File: Household FS WASH MN Module

#### Overview

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

Valid cases: 1157  
Invalid: 4

How many containers do you have to collect or store water for domestic purposes? (container)

File: Household FS WASH MN Module

#### Overview

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-21

Valid cases: 1157  
Invalid: 4  
Minimum: 0  
Maximum: 21  
Mean: 5  
Standard deviation: 2.7

Total Volume Capacity for Collected Potable Water  
(xtotvolcollectedpotable)

File: Household FS WASH MN Module

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-1040

Valid cases: 1157  
 Invalid: 4  
 Minimum: 0  
 Maximum: 1040  
 Mean: 130.1  
 Standard deviation: 91.4

## Total Volume Capacity for Collected Potable Water Protected (xtotvolcollectedpotableprotected)

File: Household FS WASH MN Module

### Overview

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-780

Valid cases: 1157  
 Invalid: 4  
 Minimum: 0  
 Maximum: 780  
 Mean: 87.3  
 Standard deviation: 76

## Total Volume Capacity for All Collected Water (xtotvolcollectedall)

File: Household FS WASH MN Module

### Overview

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-1040

Valid cases: 1157  
 Invalid: 4  
 Minimum: 0  
 Maximum: 1040  
 Mean: 130.2  
 Standard deviation: 91.4

## Total Volume Capacity for Water Storage (xtotvolstorage)

File: Household FS WASH MN Module

### Overview

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-295

Valid cases: 1157  
 Invalid: 4  
 Minimum: 0  
 Maximum: 295  
 Mean: 52.5  
 Standard deviation: 39.6

## All collected potable water (potable)

File: Household FS WASH MN Module

### Overview

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-435

Valid cases: 1157  
 Invalid: 4  
 Minimum: 0  
 Maximum: 435  
 Mean: 33.7  
 Standard deviation: 35.1

## All collected protected potable water (potaprot)

## File: Household FS WASH MN Module

**Overview**

Type: Continuous	Valid cases: 1157
Format: numeric	Invalid: 4
Width: 10	Minimum: 0
Decimals: 0	Maximum: 315
Range: 0-315	Mean: 23
	Standard deviation: 29.7

## Average all collected water (xavgvolcollectedall)

## File: Household FS WASH MN Module

**Overview**

Type: Continuous	Valid cases: 1157
Format: numeric	Invalid: 4
Width: 10	Minimum: 0
Decimals: 0	Maximum: 435
Range: 0-435	Mean: 33.7
	Standard deviation: 35.1

## Capacity of water storage (storage)

## File: Household FS WASH MN Module

**Overview**

Type: Continuous	Valid cases: 1157
Format: numeric	Invalid: 4
Width: 10	Minimum: 0
Decimals: 0	Maximum: 210
Range: 0-210	Mean: 13.7
	Standard deviation: 15.6

## Survey weights (surveyweight)

## File: Household FS WASH MN Module

**Overview**

Type: Continuous	Valid cases: 1161
Format: numeric	Invalid: 0
Width: 9	Minimum: 36.4
Decimals: 0	Maximum: 83.6
Range: 36.375-83.6257476806641	Mean: 62.9
	Standard deviation: 18

## Adult to dependent ratio (hhadr2)

## File: Household FS WASH MN Module

**Overview**

Type: Continuous	Valid cases: 1055
Format: numeric	Invalid: 106
Width: 9	Minimum: 0
Decimals: 0	Maximum: 7
Range: 0-7	Mean: 1.6
	Standard deviation: 1.2





## Household ID (hhid)

### File: Women's Module

#### Overview

Type: Continuous	Valid cases: 1206
Format: numeric	Invalid: 0
Width: 9	Minimum: 1
Decimals: 0	Maximum: 1001
Range: 1-1001	Mean: 509.9
	Standard deviation: 288.7

## Individual ID (woman\_n)

### File: Women's Module

#### Overview

Type: Discrete	Valid cases: 1206
Format: numeric	Invalid: 0
Width: 9	
Decimals: 0	
Range: 1-4	

## Camp (camp)

### File: Women's Module

#### Overview

Type: Discrete	Valid cases: 1206
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-4	

## Woman's age (w\_age)

### File: Women's Module

#### Overview

Type: Discrete	Valid cases: 1195
Format: numeric	Invalid: 11
Width: 12	
Decimals: 0	
Range: 1-9	

## Pregnant (pregnant)

### File: Women's Module

#### Overview

Type: Discrete	Valid cases: 1205
Format: numeric	Invalid: 1
Width: 12	
Decimals: 0	
Range: 1-3	

## Are you currently enrolled in the ANC programme? (anc)

### File: Women's Module

#### Overview

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

Valid cases: 186  
Invalid: 1020

## Are you currently receiving iron-folate pills? (ferec)

### File: Women's Module

#### Overview

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

Valid cases: 186  
Invalid: 1020

## Are you currently breastfeeding? (lactat)

### File: Women's Module

#### Overview

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

Valid cases: 1206  
Invalid: 0

## Is the child you are breastfeeding younger than 6 months old? (lactatu6)

### File: Women's Module

#### Overview

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

Valid cases: 537  
Invalid: 669

## In the first two months after delivery, did you receive a vitamin A supplement? (wmvita)

### File: Women's Module

#### Overview

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

Valid cases: 137  
Invalid: 1069

## Are you currently enrolled in the BSFP? (wmbsfp)

## File: Women's Module

**Overview**

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

Valid cases: 322  
 Invalid: 884

[NAME OF WOMAN]'s MUAC in inches ( $\hat{\pm}0.1$  in) (wmmuac\_in)

## File: Women's Module

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 16.6-44.3

Valid cases: 1205  
 Invalid: 1  
 Minimum: 16.6  
 Maximum: 44.3  
 Mean: 27.2  
 Standard deviation: 3.6

[NAME OF WOMAN]'s MUAC in cm ( $\hat{\pm}0.1$ cm) (wmmuac)

## File: Women's Module

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 166-443

Valid cases: 1205  
 Invalid: 1  
 Minimum: 166  
 Maximum: 443  
 Mean: 272  
 Standard deviation: 36.1

Units of measurement of your HemoCue device (g/dL or g/L)  
(wmhbunit)

## File: Women's Module

**Overview**

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

Valid cases: 1206  
 Invalid: 0

## [NAME OF WOMAN]'s haemoglobin in g/dL (wmhb\_gdl)

## File: Women's Module

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 9.1-19.2

Valid cases: 628  
 Invalid: 578  
 Minimum: 9.1  
 Maximum: 19.2  
 Mean: 13.8  
 Standard deviation: 1.3

## [NAME OF WOMAN]'s haemoglobin in g/L (wmhb\_gl)

File: Women's Module

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 84-175

Valid cases: 391  
 Invalid: 815  
 Minimum: 84  
 Maximum: 175  
 Mean: 132.8  
 Standard deviation: 13.8

NAME OF WOMAN]€™s haemoglobin in g/dL ( $\hat{A} \pm 0.1$  g/dL) or in g/L ( $\hat{A} \pm 1$ g/L) (wmhb)

File: Women's Module

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 8.2-19

Valid cases: 1019  
 Invalid: 187  
 Minimum: 8.2  
 Maximum: 19  
 Mean: 13.3  
 Standard deviation: 1.4

## Automatic referral for woman who has severe anaemia: if Hb&lt;8 g/dL (wmrefan)

File: Women's Module

**Overview**

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

Valid cases: 1020  
 Invalid: 186

## Survey raw weight (surveyweight)

File: Women's Module

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: 29.4512195587158-61.1607131958008

Valid cases: 1206  
 Invalid: 0  
 Minimum: 29.5  
 Maximum: 61.2  
 Mean: 49.3  
 Standard deviation: 11.1

## Household ID (house\_id)

### File: Children and IYCF Modules

#### Overview

Type: Continuous	Valid cases: 2740
Format: numeric	Invalid: 0
Width: 9	Minimum: 1
Decimals: 0	Maximum: 1639
Range: 1-1639	Mean: 830.5
	Standard deviation: 473.7

## Child ID (child\_n)

### File: Children and IYCF Modules

#### Overview

Type: Discrete	Valid cases: 2740
Format: numeric	Invalid: 0
Width: 9	
Decimals: 0	
Range: 1-5	

## Camp (camp)

### File: Children and IYCF Modules

#### Overview

Type: Discrete	Valid cases: 2740
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-4	

## Sex (sex)

### File: Children and IYCF Modules

#### Overview

Type: Discrete	Valid cases: 2740
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: 1-2	

## Age in Months (age\_months)

### File: Children and IYCF Modules

#### Overview

Type: Discrete	Valid cases: 2740
Format: numeric	Invalid: 0
Width: 14	
Decimals: 0	
Range: 1-20	

## Child's weight in KG (weight)

### File: Children and IYCF Modules

#### Overview

Type: Continuous	Valid cases: 2467
Format: numeric	Invalid: 273
Width: 10	Minimum: 5
Decimals: 0	Maximum: 20.8
Range: 5.04-20.8	Mean: 11.4
	Standard deviation: 2.7

## Child's height in CM (height)

### File: Children and IYCF Modules

#### Overview

Type: Continuous	Valid cases: 2467
Format: numeric	Invalid: 273
Width: 10	Minimum: 57.8
Decimals: 0	Maximum: 118.3
Range: 57.8-118.3	Mean: 83.5
	Standard deviation: 10.5

## Does the [NAME OF CHILD] present bilateral pitting oedema? (edema)

### File: Children and IYCF Modules

#### Overview

Type: Discrete	Valid cases: 2467
Format: numeric	Invalid: 273
Width: 12	
Decimals: 0	
Range: 1-1	

## Child's middle upper arm circumference in cm (muac)

### File: Children and IYCF Modules

#### Overview

Type: Continuous	Valid cases: 2467
Format: numeric	Invalid: 273
Width: 10	Minimum: 93
Decimals: 0	Maximum: 194
Range: 93-194	Mean: 148.3
	Standard deviation: 12

## Was [CHILD] measured lying down (l) or standing up (h)? (measure)

### File: Children and IYCF Modules

#### Overview

Type: Discrete	Valid cases: 2467
Format: numeric	Invalid: 273
Width: 12	
Decimals: 0	
Range: 1-3	

## Is [CHILD] dressed with clothes for the weight measurement? (clothes)

### File: Children and IYCF Modules

#### Overview

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

Valid cases: 2466  
Invalid: 274

## Is CHILD currently treated in NUTRITION PROGRAMMES for malnutrition (enrol)

### File: Children and IYCF Modules

#### Overview

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

Valid cases: 2469  
Invalid: 271

## Is CHILD currently enrolled in the BSFP for malnutrition (bsfpcsb)

### File: Children and IYCF Modules

#### Overview

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

Valid cases: 951  
Invalid: 1789

## Is CHILD currently receiving MNPs sachets? (bsfpmnp)

### File: Children and IYCF Modules

#### Overview

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

Valid cases: 1515  
Invalid: 1225

## Has CHILD been vaccinated against measles? (measles)

### File: Children and IYCF Modules

#### Overview

Type: Discrete  
Format: numeric  
Width: 16  
Decimals: 0  
Range: 1-3

Valid cases: 2326  
Invalid: 414

Has [NAME OF CHILD] received a vitamin A capsule in the past six months? (vita)

File: Children and IYCF Modules

#### Overview

Type: Discrete  
Format: numeric  
Width: 16  
Decimals: 0  
Range: 1-3

Valid cases: 2469  
Invalid: 271

Was [NAME OF CHILD] given any drug for intestinal worms in the last six months? (deworm)

File: Children and IYCF Modules

#### Overview

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

Valid cases: 2180  
Invalid: 560

Has [NAME OF CHILD] had diarrhoea in the past 2 weeks? (diar)

File: Children and IYCF Modules

#### Overview

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

Valid cases: 2469  
Invalid: 271

Did you give ORS sachets to [NAME OF CHILD] when s/he had diarrhoea? (diarors)

File: Children and IYCF Modules

#### Overview

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

Valid cases: 610  
Invalid: 2130

Did you give zinc tablets or syrup to [NAME OF CHILD] when s/he had diarrhoea? (diarzinc)

File: Children and IYCF Modules

#### Overview



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

Valid cases: 610  
 Invalid: 2130

[NAME OF CHILD]'s haemoglobin (Hb) in g/dL ( $\pm 0.1$  g/dL) or in g/L ( $\pm 1$ g/L) (chhb)

File: Children and IYCF Modules

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 6-15.89

Valid cases: 2467  
 Invalid: 273  
 Minimum: 6  
 Maximum: 15.9  
 Mean: 11.6  
 Standard deviation: 1.2

Auto referral for child w. signs of severe acute malnutrition who is not in it (refsam)

File: Children and IYCF Modules

#### Overview

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

Valid cases: 2740  
 Invalid: 0

Auto referral for child w. signs of moderate acute malnutrition who is not in it (refmam)

File: Children and IYCF Modules

#### Overview

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

Valid cases: 2740  
 Invalid: 0

Automatic referral for child who has severe anaemia (refanem)

File: Children and IYCF Modules

#### Overview

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

Valid cases: 2740  
 Invalid: 0

Yesterday, did [NAME] consume any of the following? MEAT inc FISH (fleshfd)

File: Children and IYCF Modules

#### Overview

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

Valid cases: 959  
Invalid: 1781

Yesterday, did [NAME] consume any of the following? CSB (fbf)

File: Children and IYCF Modules

#### Overview

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

Valid cases: 959  
Invalid: 1781

Yesterday, did [NAME] consume any of the following? CSB++ (fbfsuper)

File: Children and IYCF Modules

#### Overview

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

Valid cases: 959  
Invalid: 1781

Yesterday, did [NAME] consume any of the following? Plumpy'Nut (rutf)

File: Children and IYCF Modules

#### Overview

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

Valid cases: 958  
Invalid: 1782

Yesterday, did [NAME] consume any of the following? Iron fortified formula (informfe)

File: Children and IYCF Modules

#### Overview

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

Valid cases: 959  
 Invalid: 1781

Yesterday, did [NAME] consume any the following? Iron fortified foods for infant (foodfe)

File: Children and IYCF Modules

#### Overview

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

Valid cases: 959  
 Invalid: 1781

Yesterday, did [NAME] consume any food with added MNPs? (mnp)

File: Children and IYCF Modules

#### Overview

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

Valid cases: 959  
 Invalid: 1781

Has [NAME OF CHILD] ever been breastfed? (everbf)

File: Children and IYCF Modules

#### Overview

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

Valid cases: 1223  
 Invalid: 1517

How long after birth did you first put [NAME OF CHILD] to the breast? (initbf)

File: Children and IYCF Modules

#### Overview

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

Valid cases: 1202  
 Invalid: 1538

Was [NAME OF CHILD] breastfed yesterday during the day or at night?  
(yestbf)

File: Children and IYCF Modules

#### Overview

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

Valid cases: 1202  
Invalid: 1538

Yesterday, did CHILD receive WATER (water)

File: Children and IYCF Modules

#### Overview

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

Valid cases: 1223  
Invalid: 1517

Yesterday, did CHILD receive FORMULA (inform)

File: Children and IYCF Modules

#### Overview

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

Valid cases: 1223  
Invalid: 1517

Yesterday, did CHILD receive MILK (milk)

File: Children and IYCF Modules

#### Overview

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

Valid cases: 1223  
Invalid: 1517

Yesterday, did CHILD receive JUICE (juice)

File: Children and IYCF Modules

#### Overview

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

Valid cases: 1223  
Invalid: 1517

## Yesterday, did CHILD receive BROTH (broth)

## File: Children and IYCF Modules

**Overview**

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

Valid cases: 1223  
 Invalid: 1517

## Yesterday, did CHILD receive YOGURT (yogurt)

## File: Children and IYCF Modules

**Overview**

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

Valid cases: 1223  
 Invalid: 1517

## Yesterday, did CHILD receive THIN PORRIDGE (thinpor)

## File: Children and IYCF Modules

**Overview**

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

Valid cases: 1223  
 Invalid: 1517

## Yesterday, did CHILD receive TEA OR COFFE WITH MILK (whteacof)

## File: Children and IYCF Modules

**Overview**

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

Valid cases: 1223  
 Invalid: 1517

## Yesterday, did CHILD receive OTHR WATER BASED LQD (watlqd)

## File: Children and IYCF Modules

**Overview**

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

Valid cases: 1223  
 Invalid: 1517

## Yesterday, did CHILD receive SOLID OR SEMI SOLID FOOD (food)

### File: Children and IYCF Modules

#### Overview

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

Valid cases: 1223  
Invalid: 1517

## Yesterday, did CHILD receive ANYTHING FROM A BOTTLE WITH NIPPLE (bottle)

### File: Children and IYCF Modules

#### Overview

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

Valid cases: 1223  
Invalid: 1517

## Survey weight (surveyweight)

### File: Children and IYCF Modules

#### Overview

Type: Continuous  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 12.6911001205444-25.0321998596191

Valid cases: 2740  
Invalid: 0  
Minimum: 12.7  
Maximum: 25  
Mean: 19.9  
Standard deviation: 4.8

# Documentation

## Reports

### Final Report and Questionnaire

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Title Final Report and Questionnaire  
Filename TNZ\_09\_2019\_SENS\_FINAL REPORT.PDF

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## Technical documents

### DDI File

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Title DDI File  
Filename ddi-documentation-english-235.pdf

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