

# Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

**UNHCR, UNICEF, Minister of Health, Tanzania Food and Nutrition centre, Tanzania  
Red Cross Society, Medecins sans Frontieres, World Vision, Medical Teams  
International**

Report generated on: January 4, 2023

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

## Identification

### SURVEY ID NUMBER

UNHCR\_TZA\_2021\_SENS\_Nyarugusu\_COG\_v2.1

### TITLE

Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

### COUNTRY

Name	Country code
Tanzania	TZA

### STUDY TYPE

Demographic and Health Survey [hh/dhs]

### ABSTRACT

The UNHCR Standardized Expanded Nutrition Surveys (SENS) were conducted in three refugee camps located in Kigoma region, the western part of Tanzania. There were a total of 207,394 refugees residing in the three camps, where among them 62% are Burundians, 37.9% are Congolese and a small proportion of refugees from other nationalities (Yemen, Rwanda, Uganda, Sudan, Kenya and others).

A total of 45,704 under five children are located in the three camps with 26,756 in Nyarugusu camp.

The main objective of the SENS was to assess the general health and nutrition status of refugees and formulate workable recommendations for appropriate nutritional and public health interventions.

The survey was conducted using a two-stage cluster sampling. This study is an anonymized version of the collected data.

### KIND OF DATA

Sample survey data [ssd]

### UNIT OF ANALYSIS

Individuals and households

## Version

### VERSION DESCRIPTION

v2.1: Edited, cleaned and anonymised data

### VERSION DATE

2022-11-30

## 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, mosquito net coverage, demographic profiling.

### TOPICS

Topic
Food security
Basic Needs
Health and Nutrition
Child Protection

Food Distribution

## Coverage

### GEOGRAPHIC COVERAGE

Nyarugusu (Congolese) Refugee Camp, Kasulu district

### UNIVERSE

All refugees living in camp

## Producers and sponsors

### PRIMARY INVESTIGATORS

Name
UNHCR
UNICEF
Minister of Health
Tanzania Food and Nutrition centre
Tanzania Red Cross Society
Medecins sans Frontieres
World Vision
Medical Teams International

## Sampling

### SAMPLING PROCEDURE

The survey was conducted using a two-stage cluster sampling. The sample size calculation for the refugee population living in Nduta was based on the PROGRESS population data. The sample size for children 6-59 months was calculated using the Standardized Monitoring and Assessment of Relief and Transitions

### WEIGHTING

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.

## Data Collection

### DATES OF DATA COLLECTION

Start	End
2021-09-06	2021-10-10

### 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.

#### DATA COLLECTORS

Name
See primary investigators

## Access policy

#### CONTACTS

Name	Affiliation	Email
Curation team	UNHCR	microdata@unhcr.org

#### CITATION REQUIREMENTS

UNHCR, UNICEF, Minister of Health, Tanzania Food and Nutrition centre, Tanzania Red Cross Society, Medecins sans Frontieres, World Vision, Medical Teams International (2021). Tanzania: Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021. Accessed from: <https://microdata.unhcr.org>

## Metadata production

#### DDI DOCUMENT ID

UNHCR\_TZA\_2021\_SENS\_Nyarugusu\_COG\_v2.1

#### PRODUCERS

Name
UNHCR

#### DATE OF METADATA PRODUCTION

2022-12-19

## Data Dictionary

Data file	Cases	Variables
<b>Children's Module</b> Anonymized Children data	600	77
<b>Women's Module</b> Anonymized Women's Health data	196	22



## Data file: Children's Module

Anonymized Children data

Cases: 600

Variables: 77

## Variables

ID	Name	Label	Question
Children_Module_V1	hhid		
Children_Module_V2	camplabel_c	Camp name	
Children_Module_V3	id	Child ID within family	
Children_Module_V4	chconst	Consent to conduct interview	
Children_Module_V5	sex	Sex	
Children_Module_V6	xdobk	Official age documentation for child	
Children_Module_V7	months	Age of child in months	
Children_Module_V8	chpres	Child currently present	
Children_Module_V9	weight	Weight in kg	
Children_Module_V10	clothes	Child in clothes for weight measurement	
Children_Module_V11	height	Height in cm	
Children_Module_V12	measure	Measured lying down or standing up	
Children_Module_V13	edema	Presence of bilateral pitting oedema	
Children_Module_V14	muac_in	Middle upper arm circumference in inches	
Children_Module_V15	muac	Middle upper arm circumference in mm or cm	
Children_Module_V16	whz_neg_sam	Weight/Height indicates Severe or Acute Malnutrition	
Children_Module_V17	whz_neg_sam_flag	Weight/Height indicates Severe or Acute Malnutrition Flag	
Children_Module_V18	whz_neg_mam	Weight/Height indicates Moderate Acute Malnutrition	
Children_Module_V19	whz_neg_mam_flag	Weight/Height indicates Moderate Acute Malnutrition Flag	
Children_Module_V20	haz_lower	Height/Age Lower Limit	
Children_Module_V21	haz_upper	Height/Age Upper Limit	
Children_Module_V22	haz_flag	Height/Age Flag	
Children_Module_V23	whz_lower	Weight/Height Lower Limit	
Children_Module_V24	whz_upper	Weight/Height Upper Limit	
Children_Module_V25	whz_flag	Weight/Height Flag	
Children_Module_V26	waz_lower	Weight/Age Lower Limit	
Children_Module_V27	waz_upper	Weight/Age Upper Limit	
Children_Module_V28	waz_flag	Weight/Age Flag	
Children_Module_V29	muac_lower	MUAC lower limit	
Children_Module_V30	muac_upper	MUAC upper limit	
Children_Module_V31	muac_flag	MUAC flag	
Children_Module_V32	enrol	Child currently being treated for malnutrition	
Children_Module_V33	bsfp	Child currently enrolled in BSFP	
Children_Module_V34	mnp_enrol	Enrolment in Micronutrient Powder Program	
Children_Module_V35	receive_csb	Enrolled to received CSB (Corn Soy Blend)	
Children_Module_V36	receive_mnp	Enrolled to received Micronutrient Powder	
Children_Module_V37	csb_last	Last distribution of Super Cereal Plus (Corn Soy Blend)	

ID	Name	Label	Question
Children_Module_V38	mnp_last	Last distribution of Micronutrient Powder	
Children_Module_V39	family_csb	Family ratio receives Corn Soy Blend	
Children_Module_V40	measles	Vaccination against measles	
Children_Module_V41	vita	Vitamin A capsule in past 6 months	
Children_Module_V42	deworm	Drug for intestinal worms in past 6 months	
Children_Module_V43	diar	Diarrhoea in past 2 weeks	
Children_Module_V44	diarzinc	Give zinc or syrup for diarrhoea	
Children_Module_V45	diarors	Give ORS for diarrhoea	
Children_Module_V46	chhb_gdl	Haemoglobin (Hb) in g/dL ( $\pm 0.1$ g/dL)	
Children_Module_V47	cutoff	Cut Off value for Haemoglobin g/dL	
Children_Module_V48	chhb	Haemoglobin (Hb) in g/dL ( $\pm 0.1$ g/dL) or in g/L ( $\pm 1$ g/L)	
Children_Module_V49	asmal	Acute Severe Malnutrition	
Children_Module_V50	asmal_2	ASM Child 2	
Children_Module_V51	amal	Acute Malnutrition	
Children_Module_V52	amal_2	Acute Malnutrition Child 2	
Children_Module_V53	anem	Anaemia	
Children_Module_V54	everbf	Child ever breastfed	
Children_Module_V55	initbf	How long after birth was child breastfed	
Children_Module_V56	yestbf	Child breastfed yesterday	
Children_Module_V57	water	Yesterday drank water	
Children_Module_V58	inform	Yesterday drank infant formula	
Children_Module_V59	milk	Yesterday drank milk	
Children_Module_V60	juice	Yesterday drank juice	
Children_Module_V61	broth	Yesterday drank clear broth	
Children_Module_V62	yogurt	Yesterday drank sour milk or yogurt	
Children_Module_V63	thinpor	Yesterday drank thin porridge	
Children_Module_V64	whteacof	Yesterday drank te or coffee with milk	
Children_Module_V65	watlqd	Yesterday drank other water-based liquids	
Children_Module_V66	food	Yesterday ate solid food	
Children_Module_V67	bottle	Yesterday drank from bottle	
Children_Module_V68	fleshfd	Yesterday ate meat	
Children_Module_V69	fbf	Yesterday ate fortified-based foods	
Children_Module_V70	fbfsuper	Yesterday ate super foods	
Children_Module_V71	rutf	Yesterday ate ready-to-use therapeutic food (RUTF)	
Children_Module_V72	rusf	Yesterday ate ready-to-use supplementary food (RUSF)	
Children_Module_V73	lms	Yesterday ate lipid-based nutrient supplements (LNS)	
Children_Module_V74	informfe	Yesterday ate iron-fortified infant formula	
Children_Module_V75	foodfe	Yesterday ate any iron-fortified food	
Children_Module_V76	mnp	Yesterday ate micronutrient powder	
Children_Module_V77	surv_weight	Design weight	

Total: 77



## Data file: Women's Module

Anonymized Women's Health data

Cases: 196

Variables: 22

## Variables

ID	Name	Label	Question
Women_Module_V1	hhid	HH ID	
Women_Module_V2	camplabel_w	Camp Name	
Women_Module_V3	wmid	Woman ID within family	
Women_Module_V4	wmconst	Consent to conduct interview	
Women_Module_V5	wmage	Age group	
Women_Module_V6	pregnant	Pregnant	
Women_Module_V7	anc	Antenatal care (ANC) programme	
Women_Module_V8	ferec	Receiving iron-folate pills	
Women_Module_V9	lactat	Breastfeeding	
Women_Module_V10	lactatu6	Breastfeeding child under 6 months	
Women_Module_V11	wmbssf	Enrolled in the Blanket Supplementary Feeding Program	
Women_Module_V12	receive_bsfp	Received Blanket Supplementary Feeding Program	
Women_Module_V13	bsfp_last	Last Distribution of BSFP	
Women_Module_V14	family_csb	Family ratio receives Corn Soy Blend	
Women_Module_V15	wmmuac_in	MUAC in inches	
Women_Module_V16	wmmuac	MUAC in mm ( $\pm 1$ mm) or cm ( $\pm 0.1$ cm)	
Women_Module_V17	wmhb_gdl	Haemoglobin in g/dL ( $\pm 1$ g/L)	
Women_Module_V18	cutoff	Cut Off value for Haemoglobin g/dL	
Women_Module_V19	wmhb	Haemoglobin in g/L ( $\pm 1$ g/L)	
Women_Module_V20	wmrefmal	Referral for malnutrition	
Women_Module_V21	wmrefan	Referral for severe anaemia	
Women_Module_V22	surv_weight	Design weight	

Total: 22



## HHID:

Data file: Children's Module

### Overview

Valid: 600 Invalid: 0  
Type: Discrete Range: 4 - 1986 Format: Integer

## CLOTHES: Child in clothes for weight measurement

Data file: Children's Module

### Overview

Valid: 539 Invalid: 61  
Type: Discrete Range: 1 - 2 Format: Factor

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	n	528	88%
2	y	11	1.8%
Missing value		61	10.2%

## CAMPLABEL\_C: Camp name

Data file: Children's Module

### Overview

Valid: 600 Invalid: 0  
Type: Discrete Range: 1 - 4 Format: Factor

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Mtendeli camp	0	0%
2	Nduta Camp	0	0%
3	Nyarugusu Burundian	0	0%
4	Nyarugusu Congolese	600	100%

## ID: Child ID within family

Data file: Children's Module

## Overview

### CHCONST: Consent to conduct interview

Data file: Children's Module

#### Overview

Valid: 600 Invalid: 0

Type: Discrete Range: 1 - 1 Format: Integer

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		600	100%

### SEX: Sex

Data file: Children's Module

#### Overview

### XDOBK: Official age documentation for child

Data file: Children's Module

#### Overview

Valid: 600 Invalid: 0

Type: Discrete Range: 1 - 2 Format: Integer

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		580	96.7%
2		20	3.3%

### MONTHS: Age of child in months

Data file: Children's Module

#### Overview

Valid: 600 Invalid: 0

Type: Discrete Range: 0 - 60 Format: Integer

## CHPRES: Child currently present

Data file: Children's Module

### Overview

Valid: 600 Invalid: 0  
Type: Discrete Range: 1 - 2 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		596	99.3%
2		4	0.7%

## WEIGHT: Weight in kg

Data file: Children's Module

### Overview

Valid: 539 Invalid: 61 Mean: 11.8 Standard deviation: 2.84  
Type: Continuous Range: 5.6 - 20.4 Format: Numeric

## HEIGHT: Height in cm

Data file: Children's Module

### Overview

Valid: 539 Invalid: 61 Mean: 84.87 Standard deviation: 11.5  
Type: Continuous Range: 61.9 - 108 Format: Numeric

## MEASURE: Measured lying down or standing up

Data file: Children's Module

### Overview

Valid: 539 Invalid: 61  
Type: Discrete Range: 1 - 2 Format: Factor

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	h	246	41%

2	I	293	48.8%
Missing value		61	10.2%

## EDEMA: Presence of bilateral pitting oedema

Data file: Children's Module

### Overview

Valid: 539 Invalid: 61

Type: Discrete Range: 1 - 1 Format: Factor

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	n	539	89.8%
Missing value		61	10.2%

## MUAC\_IN: Middle upper arm circumference in inches

Data file: Children's Module

### Overview

Valid: 539 Invalid: 61 Mean: 15.11 Standard deviation: 1.25

Type: Continuous Range: 11.1 - 22.8 Format: Numeric

## MUAC: Middle upper arm circumference in mm or cm

Data file: Children's Module

### Overview

Valid: 539 Invalid: 61

Type: Discrete Range: 111 - 228 Format: Integer

## WHZ\_NEG\_SAM: Weight/Height indicates Severe or Acute Malnutrition

Data file: Children's Module

### Overview

Valid: 539 Invalid: 61

Type: Discrete Range: 1 - 484 Format: Factor

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	100.145970148515	2	0.3%
2	100.294947259187	2	0.3%
3	100.356178387617	1	0.2%
4	100.35617838761701	0	0%
5	100.435134255758	3	0.5%
6	100.603449843259	0	0%
7	100.768905449755	4	0.7%
8	100.791943767346	2	0.3%
9	100.886262764243	2	0.3%
10	101.05678704733999	0	0%
11	101.05678704734	3	0.5%
12	101.224021281882	2	0.3%
13	101.239846734566	2	0.3%
14	101.335606955097	2	0.3%
15	101.33560695509701	0	0%
16	101.50594743415	3	0.5%
17	101.652812512	2	0.3%
18	101.707781512298	1	0.2%
19	101.783763292787	3	0.5%
20	101.950899514192	2	0.3%
21	102.078754818849	1	0.2%
22	102.07875481884901	0	0%
23	102.172719926654	1	0.2%
24	102.231376393593	1	0.2%
25	102.391614901432	0	0%
26	102.39161490143201	0	0%
27	102.502322249165	1	0.2%
28	102.634671749069	3	0.5%
29	102.679140220589	2	0.3%
30	102.67914022058901	0	0%
31	102.828068579664	3	0.5%
32	102.82806857966401	0	0%
33	102.92402644047399	0	0%
34	102.924026440474	1	0.2%
35	103.093646261424	2	0.3%
36	103.127799278631	0	0%
37	103.260239168865	1	0.2%
38	103.344417526307	0	0%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese -  
Sept/October 2021

39	103.54965213875199	0	0%
40	103.549652138752	1	0.2%
41	103.57814980934199	0	0%
42	103.578149809342	2	0.3%
43	103.688109191553	1	0.2%
44	103.764085041406	1	0.2%
45	103.76408504140601	0	0%
46	104.002697331951	3	0.5%
47	104.031040986094	2	0.3%
48	104.111665339146	1	0.2%
49	104.183658826932	0	0%
50	104.452788950493	6	1%
51	104.487376109	2	0.3%
52	104.53089873832	3	0.5%
53	104.603809935677	1	0.2%
54	104.60380993567701	0	0%
55	104.899933145137	3	0.5%
56	104.945805217369	1	0.2%
57	104.948113799891	2	0.3%
58	105.025251537274	1	0.2%
59	105.344134990635	4	0.7%
60	105.356385572559	0	0%
61	105.35638557255901	0	0%
62	105.41426919730699	0	0%
63	105.414269197307	1	0.2%
64	105.448739823403	0	0%
65	105.762645834493	1	0.2%
66	105.785398368445	3	0.5%
67	105.87507491300001	0	0%
68	105.886915151482	1	0.2%
69	106.164597534462	3	0.5%
70	106.223725849441	3	0.5%
71	106.30510175747	1	0.2%
72	106.367183419324	1	0.2%
73	106.562257970808	3	0.5%
74	106.56225797080801	0	0%
75	106.659118576624	6	1%
76	106.739711045893	0	0%
77	106.85626585940599	0	0%



Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

78	106.955650475279	1	0.2%
79	107.09157614782799	0	0%
80	107.091576147828	3	0.5%
81	107.179840110235	0	0%
82	107.344804679391	3	0.5%
83	107.35541562695	0	0%
84	107.521096498438	6	1%
85	107.626473830555	1	0.2%
86	107.729756780785	5	0.8%
87	107.86594836880801	0	0%
88	107.947675784091	3	0.5%
89	108.110549809582	3	0.5%
90	108.371308263396	2	0.3%
91	108.389243418454	0	0%
92	108.487233894746	8	1.3%
93	108.791986180634	5	0.8%
94	108.859866530438	3	0.5%
95	109.015983958798	1	0.2%
96	109.209699648479	5	0.8%
97	109.228512842379	7	1.2%
98	109.59324585420499	0	0%
99	109.593245854205	5	0.8%
100	109.624436530699	1	0.2%
101	109.954146753824	3	0.5%
102	109.95414675382401	0	0%
103	110.036182324872	7	1.2%
104	110.050476142803	0	0%
105	110.05047614280301	0	0%
106	110.311305159778	3	0.5%
107	110.44492004509399	0	0%
108	110.444920045094	2	0.3%
109	110.504246383999	0	0%
110	110.639929315171	0	0%
111	110.664819387599	0	0%
112	110.850630104689	1	0.2%
113	111.01479671616799	0	0%
114	111.014796716168	0	0%
115	111.25329019892099	0	0%
116	111.253290198921	2	0.3%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

117	111.361353654071	2	0.3%
118	111.652875187703	3	0.5%
119	111.704616205963	3	0.5%
120	111.70461620596301	0	0%
121	112.04472013892	1	0.2%
122	112.049356978307	1	0.2%
123	112.381811248799	2	0.3%
124	112.442704408075	1	0.2%
125	112.703049842083	0	0%
126	112.7160456266	1	0.2%
127	112.71604562660001	0	0%
128	112.83288312712899	0	0%
129	112.832883127129	2	0.3%
130	113.047589924817	0	0%
131	113.219855481082	4	0.7%
132	113.21985548108201	0	0%
133	113.37662162380499	0	0%
134	113.376621623805	0	0%
135	113.603580393748	3	0.5%
136	113.703329298131	0	0%
137	113.984013249849	8	1.3%
138	114.027912882937	2	0.3%
139	114.350583940294	0	0%
140	114.361105777732	3	0.5%
141	114.36110577773201	0	0%
142	114.671565925565	2	0.3%
143	114.67156592556501	0	0%
144	114.734805932072	1	0.2%
145	114.73480593207201	0	0%
146	114.991094453759	0	0%
147	115.105057776588	0	0%
148	115.23478792345	0	0%
149	115.309417565891	0	0%
150	115.449629497171	0	0%
151	115.47180136675	1	0.2%
152	115.626795995344	3	0.5%
153	115.834972632491	0	0%
154	115.94350343422	1	0.2%
155	115.94350343422001	0	0%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

156	116.19450326091599	0	0%
157	116.194503260916	1	0.2%
158	116.25847333500001	0	0%
159	116.259826799701	1	0.2%
160	116.550320579011	4	0.7%
161	116.57606650041301	0	0%
162	116.892536702775	4	0.7%
163	116.90234743635899	0	0%
164	116.902347436359	1	0.2%
165	117.209565597364	2	0.3%
166	117.250502087843	2	0.3%
167	117.527495665271	1	0.2%
168	117.594698076361	1	0.2%
169	117.846683944456	1	0.2%
170	117.93484411553401	0	0%
171	118.16750229611399	0	0%
172	118.167502296114	1	0.2%
173	118.209353361029	0	0%
174	118.270843972418	1	0.2%
175	118.27084397241801	0	0%
176	118.490337671028	1	0.2%
177	118.602596350214	2	0.3%
178	118.81559237592499	0	0%
179	118.815592375925	1	0.2%
180	118.929994770975	0	0%
181	119.252927458323	5	0.8%
182	119.47504738047	0	0%
183	119.57127722014999	0	0%
184	119.810131470537	1	0.2%
185	119.88492133134	0	0%
186	120.14940300413799	0	0%
187	120.19373141646599	0	0%
188	120.493345063113	1	0.2%
189	120.497573332513	0	0%
190	120.796307051577	0	0%
191	121.089786543586	0	0%
192	121.197258121378	0	0%
193	121.377859658999	0	0%
194	121.55828112026001	0	0%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

195	121.660368011528	0	0%
196	121.926079176417	2	0.3%
197	122.301222805753	1	0.2%
198	122.472824614516	0	0%
199	122.731361212397	0	0%
200	122.983443459505	1	0.2%
201	123.228873085948	0	0%
202	123.476708178343	0	0%
203	124.139850501802	0	0%
204	124.308387534975	1	0.2%
205	124.740628092173	0	0%
206	124.74244073045	0	0%
207	125.268458572204	1	0.2%
208	126.111463857267	0	0%
209	126.238353003146	1	0.2%
210	126.309622729699	1	0.2%
211	126.415022625111	1	0.2%
212	126.41502262511101	0	0%
213	126.448401044834	0	0%
214	59.172503913093699	0	0%
215	60.103892762419697	0	0%
216	62.190059288279	0	0%
217	64.4950452839097	1	0.2%
218	66.1106277771161	0	0%
219	66.580011138	0	0%
220	66.685015917114299	0	0%
221	67.1150056885435	0	0%
222	67.6554326058595	0	0%
223	67.655432605859502	0	0%
224	67.844311826739499	0	0%
225	68.2012108109703	2	0.3%
226	68.429061615999998	0	0%
227	68.429061616	1	0.2%
228	68.7522344826118	2	0.3%
229	69.017075817546399	0	0%
230	69.0170758175464	0	0%
231	69.308374252218698	0	0%
232	69.3083742522187	1	0.2%
233	69.608229563357099	0	0%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

234	69.6082295633571	0	0%
235	69.8694783989097	0	0%
236	70.202381263651603	0	0%
237	70.435374044472795	0	0%
238	70.4353740444728	1	0.2%
239	70.7993735120998	0	0%
240	70.799373512099805	0	0%
241	71.0058683483501	2	0.3%
242	71.005868348350106	0	0%
243	71.3990339910312	1	0.2%
244	71.399033991031203	0	0%
245	71.5807497026235	1	0.2%
246	71.580749702623507	0	0%
247	72.0011763766441	0	0%
248	72.159788927	1	0.2%
249	72.605601244214796	0	0%
250	72.6056012442148	0	0%
251	72.742740463795997	0	0%
252	72.742740463796	2	0.3%
253	73.212096973306899	0	0%
254	73.2120969733069	1	0.2%
255	73.3293435729235	1	0.2%
256	73.329343572923506	0	0%
257	73.820440652979997	0	0%
258	73.82044065298	2	0.3%
259	73.9193235268748	1	0.2%
260	74.430398987	6	1%
261	74.430398987000004	0	0%
262	74.512392805707805	0	0%
263	75.041729199046799	0	0%
264	75.0417291990468	2	0.3%
265	75.108252292031196	0	0%
266	75.1082522920312	2	0.3%
267	75.246225147927	0	0%
268	75.654179937925093	0	0%
269	75.6541799379251	1	0.2%
270	75.7065924659898	2	0.3%
271	76.2674921827721	5	0.8%
272	76.267492182772102	0	0%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

273	76.3070946002492	1	0.2%
274	76.307094600249201	0	0%
275	76.8814001482678	1	0.2%
276	76.881400148267801	0	0%
277	76.909431954982097	0	0%
278	76.9094319549821	2	0.3%
279	77.4956321898437	1	0.2%
280	77.495632189843704	0	0%
281	77.513270972852098	0	0%
282	77.5132709728521	4	0.7%
283	78.109911708892099	0	0%
284	78.1099117088921	1	0.2%
285	78.118272473999994	0	0%
286	78.118272474	0	0%
287	78.7239580579753	3	0.5%
288	78.7240928510285	1	0.2%
289	78.724092851028502	0	0%
290	79.330385263987495	0	0%
291	79.3303852639875	0	0%
292	79.337487446034899	0	0%
293	79.3374874460349	2	0.3%
294	79.936800835359193	0	0%
295	79.9368008353592	1	0.2%
296	79.950213843600594	0	0%
297	79.9502138436006	2	0.3%
298	80.5429898450438	3	0.5%
299	80.542989845043806	0	0%
300	80.561849887999998	0	0%
301	80.561849888	1	0.2%
302	81.148602925343795	0	0%
303	81.1486029253438	3	0.5%
304	81.1721077885673	0	0%
305	81.172107788567303	0	0%
306	81.7532922559498	2	0.3%
307	81.753292255949802	0	0%
308	81.7807002318531	4	0.7%
309	81.780700231853103	0	0%
310	82.356712758925795	0	0%
311	82.3567127589258	3	0.5%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

312	82.387341286832495	0	0%
313	82.3873412868325	1	0.2%
314	82.9585232936939	3	0.5%
315	82.958523293693901	0	0%
316	82.991747310115798	0	0%
317	82.9917473101158	7	1.2%
318	83.5583878520207	4	0.7%
319	83.558387852020701	0	0%
320	83.5936378511562	4	0.7%
321	83.593637851156203	0	0%
322	84.155976753	4	0.7%
323	84.155976753000004	0	0%
324	84.192736557460094	0	0%
325	84.1927365574601	3	0.5%
326	84.750967838041	2	0.3%
327	84.750967838041007	0	0%
328	84.7887720797958	2	0.3%
329	84.788772079795805	0	0%
330	85.3430476658515	5	0.8%
331	85.381478977402793	0	0%
332	85.3814789774028	2	0.3%
333	85.9319127074239	2	0.3%
334	85.931912707423905	0	0%
335	85.970598623201099	0	0%
336	85.9705986232011	3	0.5%
337	86.517270541019798	0	0%
338	86.5172705410198	1	0.2%
339	86.555880109	2	0.3%
340	87.098841047156199	0	0%
341	87.0988410471562	3	0.5%
342	87.1370811507079	3	0.5%
343	87.4895320653945	0	0%
344	87.6763576035899	5	0.8%
345	87.676357603589906	0	0%
346	87.7139689935411	1	0.2%
347	87.713968993541101	0	0%
348	88.0365730219347	0	0%
349	88.249568280302299	0	0%
350	88.2495682803023	6	1%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

351	88.2863213172331	4	0.7%
352	88.286321317233103	0	0%
353	88.8182370344861	2	0.3%
354	88.818237034486103	0	0%
355	88.8539271412438	1	0.2%
356	88.853927141243801	0	0%
357	89.3821449055289	6	1%
358	89.382144905528904	0	0%
359	89.416587729968697	0	0%
360	89.4165877299687	4	0.7%
361	89.941091209999996	0	0%
362	89.94109121	0	0%
363	89.9741174979481	3	0.5%
364	90.168946736508005	0	0%
365	90.494894736633498	0	0%
366	90.4948947366335	1	0.2%
367	90.526344915076393	0	0%
368	90.5263449150764	2	0.3%
369	91.043394941315498	0	0%
370	91.0433949413155	4	0.7%
371	91.073113411810894	0	0%
372	91.0731134118109	1	0.2%
373	91.2520678891	0	0%
374	91.586453142068393	0	0%
375	91.5864531420684	3	0.5%
376	91.6142822843816	4	0.7%
377	91.614282284381602	0	0%
378	91.767146484954395	0	0%
379	92.1239537140358	7	1.2%
380	92.123953714035807	0	0%
381	92.1497275999999	2	0.3%
382	92.149727599999906	0	0%
383	92.293661875029997	0	0%
384	92.655805284468997	0	0%
385	92.655805284469	3	0.5%
386	92.6793431020684	3	0.5%
387	92.679343102068401	0	0%
388	92.8170582241088	2	0.3%
389	93.1819419277098	3	0.5%



Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

390	93.181941927709801	0	0%
391	93.203041115388999	0	0%
392	93.203041115389	6	1%
393	93.329985963704502	0	0%
394	93.702324360178693	0	0%
395	93.7023243601787	3	0.5%
396	93.720753451373596	0	0%
397	93.7207534513736	0	0%
398	94.216941135358098	0	0%
399	94.2169411353581	2	0.3%
400	94.2324323132517	3	0.5%
401	94.232432313251707	0	0%
402	94.348303625444103	0	0%
403	94.368509482371	1	0.2%
404	94.725809838777593	0	0%
405	94.7258098387776	3	0.5%
406	94.738051201281294	0	0%
407	94.7380512012813	1	0.2%
408	94.852146604236694	0	0%
409	94.879414350053295	0	0%
410	94.8794143500533	0	0%
411	95.2289782830001	2	0.3%
412	95.228978283000103	0	0%
413	95.237605817956094	0	0%
414	95.2376058179561	2	0.3%
415	95.3872003331043	0	0%
416	95.726525702605997	0	0%
417	95.726525702606	3	0.5%
418	95.7311149732168	1	0.2%
419	95.731114973216805	0	0%
420	95.8489662719366	0	0%
421	95.848966271936604	0	0%
422	95.891871741325303	0	0%
423	96.218563949179497	0	0%
424	96.2185639491795	0	0%
425	96.2186214896589	1	0.2%
426	96.218621489658901	0	0%
427	96.700193107741995	0	0%
428	96.700193107742	1	0.2%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

429	96.7052386862927	0	0%
430	96.705238686292702	0	0%
431	96.830978717083894	0	0%
432	96.8309787170839	2	0.3%
433	96.8918937176919	1	0.2%
434	97.175923391000097	0	0%
435	97.1759233910001	5	0.8%
436	97.186730584491698	0	0%
437	97.1867305844917	5	0.8%
438	97.316312319564801	0	0%
439	97.387258198780998	0	0%
440	97.387258198781	1	0.2%
441	97.645932631248897	0	0%
442	97.6459326312489	5	0.8%
443	97.663256516281294	0	0%
444	97.6632565162813	4	0.7%
445	97.7978007825837	1	0.2%
446	97.797800782583707	0	0%
447	97.8795356963473	1	0.2%
448	97.879535696347304	0	0%
449	98.1103687537971	1	0.2%
450	98.110368753797104	0	0%
451	98.135070751109694	0	0%
452	98.1350707511097	0	0%
453	98.275397377803799	0	0%
454	98.2753973778038	0	0%
455	98.368735109794898	0	0%
456	98.3687351097949	0	0%
457	98.5694082226541	1	0.2%
458	98.569408222654104	0	0%
459	98.602466150355198	0	0%
460	98.6024661503552	3	0.5%
461	98.7490563494895	1	0.2%
462	98.8548659045788	2	0.3%
463	98.854865904578801	0	0%
464	99.0232569457397	5	0.8%
465	99.023256945739703	0	0%
466	99.06577536231	1	0.2%
467	99.065775362310006	0	0%

468	99.218733180863495	0	0%
469	99.2187331808635	0	0%
470	99.337937994916	0	0%
471	99.337937994916004	0	0%
472	99.4721511800938	3	0.5%
473	99.472151180093803	0	0%
474	99.5253720171662	0	0%
475	99.525372017166205	0	0%
476	99.684384860466594	0	0%
477	99.6843848604666	1	0.2%
478	99.8179616264952	0	0%
479	99.817961626495205	0	0%
480	99.916358437084298	0	0%
481	99.9163584370843	1	0.2%
482	99.9816719219999	2	0.3%
483	99.981671921999904	0	0%
484	NaN	0	0%
Missing value		61	10.2%

## WHZ\_NEG\_SAM\_FLAG: Weight/Height indicates Severe or Acute Malnutrition Flag

Data file: Children's Module

### Overview

Valid: 600 Invalid: 0  
Type: Discrete Range: 0 - 0 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		600	100%

## WHZ\_NEG\_MAM: Weight/Height indicates Moderate Acute Malnutrition

Data file: Children's Module

### Overview

Valid: 539 Invalid: 61  
Type: Discrete Range: 1 - 505 Format: Factor

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	100.02294492730699	0	0%
2	100.022944927307	3	0.5%
3	100.19624309167899	0	0%
4	100.196243091679	2	0.3%
5	100.28894821512	1	0.2%
6	100.41153668468399	0	0%
7	100.411536684684	3	0.5%
8	100.439824694216	1	0.2%
9	100.60881140334	2	0.3%
10	100.684982497495	1	0.2%
11	100.841368025988	4	0.7%
12	100.853134375358	0	0%
13	101.01874119108	1	0.2%
14	101.077586312017	0	0%
15	101.262853975586	1	0.2%
16	101.268208590868	3	0.5%
17	101.426436865891	1	0.2%
18	101.467068357123	0	0%
19	101.668965359439	3	0.5%
20	101.692077373966	3	0.5%
21	101.832336372722	1	0.2%
22	101.853763302065	1	0.2%
23	102.071452403184	3	0.5%
24	102.112994102294	6	1%
25	102.236911990349	0	0%
26	102.23803239625499	0	0%
27	102.238032396255	0	0%
28	102.470301146856	1	0.2%
29	102.530979147623	3	0.5%
30	102.620264078612	0	0%
31	102.640671131264	0	0%
32	102.865499946299	3	0.5%
33	102.946053438852	6	1%
34	103.000874586912	1	0.2%
35	103.044157141548	0	0%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

36	103.25703962520799	0	0%
37	103.257039625208	5	0.8%
38	103.358238374395	3	0.5%
39	103.447950100755	0	0%
40	103.64491362716799	0	0%
41	103.644913627168	3	0.5%
42	103.767555734558	2	0.3%
43	104.029118167697	8	1.3%
44	104.02911816769701	0	0%
45	104.137571224371	1	0.2%
46	104.174027593915	5	0.8%
47	104.409652386285	3	0.5%
48	104.577676233695	5	0.8%
49	104.66753926694599	0	0%
50	104.667539266946	0	0%
51	104.786518498436	7	1.2%
52	104.978524054153	1	0.2%
53	105.079123482546	0	0%
54	105.15972194770799	0	0%
55	105.159721947708	5	0.8%
56	105.277458508455	0	0%
57	105.376593486956	7	1.2%
58	105.52927155775799	0	0%
59	105.529271557758	3	0.5%
60	105.771906907558	2	0.3%
61	105.77190690755801	0	0%
62	105.89517968437499	0	0%
63	105.895179684375	3	0.5%
64	106.164486547582	1	0.2%
65	106.257462367529	0	0%
66	106.554354407199	2	0.3%
67	106.616139483406	0	0%
68	106.830483503763	0	0%
69	106.941532167506	3	0.5%
70	106.971234896454	2	0.3%
71	106.97123489645401	0	0%
72	107.322776611418	3	0.5%
73	107.32277661141801	0	0%
74	107.326041102906	1	0.2%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

75	107.670796925388	1	0.2%
76	107.70790199349	1	0.2%
77	108.015332579833	2	0.3%
78	108.087135037411	2	0.3%
79	108.11500627438799	0	0%
80	108.356424912647	1	0.2%
81	108.463673750784	0	0%
82	108.46375976327	4	0.7%
83	108.46375976327001	0	0%
84	108.58219164428699	0	0%
85	108.694120010187	0	0%
86	108.69412001018701	0	0%
87	108.837794942491	3	0.5%
88	109.028468859315	0	0%
89	109.209258501699	8	1.3%
90	109.359527499441	0	0%
91	109.578167435105	3	0.5%
92	109.687357174558	2	0.3%
93	109.94453771688	1	0.2%
94	109.94453771688001	0	0%
95	110.01202448529	0	0%
96	110.231576755199	0	0%
97	110.30838421353999	0	0%
98	110.30838421354	0	0%
99	110.333601540928	2	0.3%
100	110.65216611147299	0	0%
101	110.652166111473	0	0%
102	110.669720596317	1	0.2%
103	110.66972059631701	0	0%
104	110.967801779677	0	0%
105	111.028559253548	0	0%
106	111.280598093083	3	0.5%
107	111.384911203047	1	0.2%
108	111.59065071606599	0	0%
109	111.590650716066	1	0.2%
110	111.73878600449	4	0.7%
111	111.898061581874	1	0.2%
112	112.09019167179	1	0.2%
113	112.202939044671	0	0%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

114	112.439134585477	2	0.3%
115	112.43913458547701	0	0%
116	112.505398031575	4	0.7%
117	112.78561940508099	0	0%
118	112.785619405081	1	0.2%
119	112.8055601947	2	0.3%
120	112.80556019470001	0	0%
121	113.103554063197	1	0.2%
122	113.129648981508	0	0%
123	113.399515195295	1	0.2%
124	113.471224269419	1	0.2%
125	113.693586330343	1	0.2%
126	113.810344239613	2	0.3%
127	113.985917540847	1	0.2%
128	114.147005791404	0	0%
129	114.276666384517	1	0.2%
130	114.481203664999	5	0.8%
131	114.81293035388001	0	0%
132	114.854085540436	0	0%
133	115.141109762475	1	0.2%
134	115.142176017181	0	0%
135	115.42725974133801	0	0%
136	115.468928392072	0	0%
137	115.712732741353	1	0.2%
138	115.793172706132	0	0%
139	116.114891589734	0	0%
140	116.282479001412	0	0%
141	116.43406498842	0	0%
142	116.56718938550399	0	0%
143	116.750670075284	0	0%
144	116.75067007528401	0	0%
145	116.852097342924	2	0.3%
146	117.06468116335	0	0%
147	117.137443645638	1	0.2%
148	117.990848823906	0	0%
149	117.998658622221	0	0%
150	118.294166778888	0	0%
151	118.579826907313	1	0.2%
152	118.57982690731301	0	0%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese -  
Sept/October 2021

153	118.594716332416	1	0.2%
154	118.873382964411	0	0%
155	118.892452797061	0	0%
156	119.769666736437	0	0%
157	120.054250608678	0	0%
158	120.893336319357	0	0%
159	121.702670061492	1	0.2%
160	123.697155916087	1	0.2%
161	123.927809030128	1	0.2%
162	124.3753208592	1	0.2%
163	124.591902201878	0	0%
164	57.614972433115398	0	0%
165	58.467271029026101	0	0%
166	60.0487583813702	0	0%
167	62.408526648527	1	0.2%
168	63.568150535484	0	0%
169	64.0826320435513	0	0%
170	64.2549505039692	0	0%
171	64.7278245314715	0	0%
172	65.1210203504681	0	0%
173	65.205378334300093	0	0%
174	65.2053783343001	0	0%
175	65.644954384022995	0	0%
176	65.644954384023	1	0.2%
177	65.6876566469246	2	0.3%
178	66.1720382819884	0	0%
179	66.172038281988407	0	0%
180	66.1746817462134	2	0.3%
181	66.6664542513121	1	0.2%
182	66.666454251312103	0	0%
183	66.7022442575529	0	0%
184	66.702244257552906	0	0%
185	67.1629539235239	0	0%
186	67.2355290590652	0	0%
187	67.6641404661883	1	0.2%
188	67.7718345793822	0	0%
189	67.771834579382201	0	0%
190	68.169954324560393	0	0%
191	68.1699543245604	2	0.3%



Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

192	68.311088465217196	0	0%
193	68.3110884652172	1	0.2%
194	68.680317485690694	0	0%
195	68.6803174856907	1	0.2%
196	68.8532047264868	0	0%
197	69.1951342783041	1	0.2%
198	69.398084345659697	0	0%
199	69.3980843456597	0	0%
200	69.714292172679293	0	0%
201	69.7142921726793	2	0.3%
202	69.945615887103898	0	0%
203	69.9456158871039	1	0.2%
204	70.237662580528394	0	0%
205	70.2376625805284	1	0.2%
206	70.4956761064348	2	0.3%
207	70.7651016548759	1	0.2%
208	71.048130559862997	0	0%
209	71.048130559863	6	1%
210	71.296451089938202	0	0%
211	71.602834213541797	0	0%
212	71.6028342135418	2	0.3%
213	71.7934671436496	0	0%
214	71.8315389210032	2	0.3%
215	71.831538921003201	0	0%
216	72.159632052915697	0	0%
217	72.1596320529157	1	0.2%
218	72.3701803243091	2	0.3%
219	72.370180324309104	0	0%
220	72.718359692067494	0	0%
221	72.7183596920675	5	0.8%
222	72.9121784169242	1	0.2%
223	72.912178416924206	0	0%
224	73.278843983066494	0	0%
225	73.2788439830665	1	0.2%
226	73.4573250566264	2	0.3%
227	73.457325056626402	0	0%
228	73.840903625316599	0	0%
229	73.8409036253166	1	0.2%
230	74.0054016417819	4	0.7%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

231	74.005401641781901	0	0%
232	74.404349774903196	0	0%
233	74.4043497749032	1	0.2%
234	74.556179911225	0	0%
235	74.556179911225001	0	0%
236	74.9689866539422	3	0.5%
237	75.1094227441374	1	0.2%
238	75.109422744137404	0	0%
239	75.534612159926994	0	0%
240	75.534612159927	2	0.3%
241	75.6648849599279	0	0%
242	75.664884959927903	0	0%
243	76.1010184750764	2	0.3%
244	76.101018475076401	0	0%
245	76.2223141181108	1	0.2%
246	76.222314118110802	0	0%
247	76.667992675682996	0	0%
248	76.667992675683	1	0.2%
249	76.7814513181861	3	0.5%
250	77.2353173414602	0	0%
251	77.235317341460203	0	0%
252	77.342031999518696	0	0%
253	77.3420319995187	3	0.5%
254	77.8027711648908	4	0.7%
255	77.9037867412177	2	0.3%
256	77.903786741217701	0	0%
257	78.370129560574199	0	0%
258	78.3701295605742	1	0.2%
259	78.4664420620153	3	0.5%
260	78.466442062015304	0	0%
261	78.937165274574696	0	0%
262	78.9371652745747	7	1.2%
263	79.029721220146996	0	0%
264	79.029721220147	3	0.5%
265	79.5036489937689	4	0.7%
266	79.503648993768905	0	0%
267	79.5933450132301	4	0.7%
268	79.593345013230106	0	0%
269	80.069349955194099	0	0%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

270	80.0693499551941	3	0.5%
271	80.157032578143898	0	0%
272	80.1570325781439	4	0.7%
273	80.634036555395298	0	0%
274	80.6340365553953	2	0.3%
275	80.7205021909082	2	0.3%
276	80.720502190908206	0	0%
277	81.197476959773795	0	0%
278	81.1974769597738	2	0.3%
279	81.2834720665632	5	0.8%
280	81.283472066563206	0	0%
281	81.7594397119349	3	0.5%
282	81.759439711934903	0	0%
283	81.845661159049	2	0.3%
284	81.845661159049001	0	0%
285	82.319694343034996	0	0%
286	82.319694343035	2	0.3%
287	82.4067899610841	1	0.2%
288	82.406789961084101	0	0%
289	82.878011981130498	0	0%
290	82.8780119811305	3	0.5%
291	82.9665813040458	3	0.5%
292	82.966581304045803	0	0%
293	83.3880954664403	0	0%
294	83.434165960524595	0	0%
295	83.4341659605246	1	0.2%
296	83.5247611578489	5	0.8%
297	83.9141044304184	0	0%
298	83.9879324311162	4	0.7%
299	83.987932431116207	0	0%
300	84.0810594308251	6	1%
301	84.081059430825107	0	0%
302	84.5390909677466	1	0.2%
303	84.539090967746603	0	0%
304	84.635210769602693	0	0%
305	84.6352107696027	2	0.3%
306	85.0874251795483	4	0.7%
307	85.087425179548305	0	0%
308	85.1869553589856	6	1%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

309	85.632723319292097	0	0%
310	85.6327233192921	3	0.5%
311	85.736039721832796	0	0%
312	85.7360397218328	0	0%
313	86.086021692007193	0	0%
314	86.1747788927352	2	0.3%
315	86.174778892735205	0	0%
316	86.2822175189376	1	0.2%
317	86.713391267969399	0	0%
318	86.7133912679694	1	0.2%
319	86.8252503489075	4	0.7%
320	86.825250348907502	0	0%
321	87.0099345672719	0	0%
322	87.248366284768096	0	0%
323	87.2483662847681	4	0.7%
324	87.364908548042294	0	0%
325	87.3649085480423	3	0.5%
326	87.641128977332201	0	0%
327	87.779516863935	2	0.3%
328	87.779516863935001	0	0%
329	87.900971990215695	0	0%
330	87.9009719902157	7	1.2%
331	88.153813919186305	0	0%
332	88.3066636166512	3	0.5%
333	88.306663616651207	0	0%
334	88.4332308867514	3	0.5%
335	88.433230886751403	0	0%
336	88.6635922323468	2	0.3%
337	88.829635453823499	0	0%
338	88.8296354538235	6	1%
339	88.961486586305995	0	0%
340	88.961486586306	3	0.5%
341	89.016487087040005	0	0%
342	89.3482701954322	0	0%
343	89.348270195432207	0	0%
344	89.485552374745595	0	0%
345	89.4855523747456	3	0.5%
346	89.862415179878496	0	0%
347	89.8624151798785	3	0.5%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

348	90.002352314118596	0	0%
349	90.0052542750267	2	0.3%
350	90.005254275026701	0	0%
351	90.175163802278	1	0.2%
352	90.371927873332695	0	0%
353	90.3719278733327	1	0.2%
354	90.490874508214702	0	0%
355	90.5204318470747	3	0.5%
356	90.520431847074704	0	0%
357	90.673007143443	0	0%
358	90.673007143443002	0	0%
359	90.8766764790821	2	0.3%
360	90.876676479082107	0	0%
361	91.0309389876636	2	0.3%
362	91.030938987663603	0	0%
363	91.1678044607996	0	0%
364	91.3765405468786	1	0.2%
365	91.376540546878601	0	0%
366	91.4589941863709	0	0%
367	91.458994186370902	0	0%
368	91.536644730296	3	0.5%
369	91.536644730296004	0	0%
370	91.659536468749806	0	0%
371	91.871411582286299	0	0%
372	91.8714115822863	1	0.2%
373	92.037434045081	0	0%
374	92.361193656030196	0	0%
375	92.3611936560302	1	0.2%
376	92.4150573644965	2	0.3%
377	92.415057364496505	0	0%
378	92.533208638614795	0	0%
379	92.5332086386148	0	0%
380	92.633740626554797	0	0%
381	92.6337406265548	1	0.2%
382	92.845804013343098	0	0%
383	92.8458040133431	5	0.8%
384	92.888503934155295	0	0%
385	93.023887753859398	0	0%
386	93.0238877538594	5	0.8%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese -  
Sept/October 2021

387	93.116187154866793	0	0%
388	93.1161871548668	1	0.2%
389	93.325173683313395	0	0%
390	93.3251736833134	5	0.8%
391	93.358857539903994	0	0%
392	93.358857539904	1	0.2%
393	93.5094089700224	4	0.7%
394	93.509408970022406	0	0%
395	93.595516955446	1	0.2%
396	93.595516955446001	0	0%
397	93.799248088233995	0	0%
398	93.799248088234	1	0.2%
399	93.826089834188593	0	0%
400	93.8260898341886	0	0%
401	93.9897290024362	0	0%
402	93.989729002436206	0	0%
403	94.071723166623499	0	0%
404	94.0717231666235	0	0%
405	94.2679876529491	1	0.2%
406	94.267987652949103	0	0%
407	94.2901717444461	1	0.2%
408	94.4648245024365	3	0.5%
409	94.544801148655196	0	0%
410	94.5448011486552	2	0.3%
411	94.731368414202095	0	0%
412	94.7313684142021	5	0.8%
413	94.751073625144997	0	0%
414	94.751073625145	0	0%
415	94.9346928572435	1	0.2%
416	94.934692857243505	0	0%
417	95.0147483960999	0	0%
418	95.014748396099904	0	0%
419	95.189382629984095	0	0%
420	95.1893826299841	3	0.5%
421	95.2087654098259	1	0.2%
422	95.208765409825901	0	0%
423	95.3993529898392	0	0%
424	95.399352989839201	0	0%
425	95.481564450199699	0	0%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

426	95.4815644501997	0	0%
427	95.6420393888809	1	0.2%
428	95.642039388880903	0	0%
429	95.663216763143396	0	0%
430	95.6632167631434	2	0.3%
431	95.858846158848493	0	0%
432	95.8588461588485	2	0.3%
433	95.945250811259	2	0.3%
434	95.945250811259001	0	0%
435	96.089365219421495	0	0%
436	96.0893652194215	1	0.2%
437	96.1143972329062	0	0%
438	96.3132367584175	3	0.5%
439	96.313236758417503	0	0%
440	96.4058108510235	4	0.7%
441	96.405810851023503	0	0%
442	96.531404699425593	0	0%
443	96.5314046994256	2	0.3%
444	96.5622764021181	3	0.5%
445	96.562276402118101	0	0%
446	96.7626131180929	2	0.3%
447	96.762613118092901	0	0%
448	96.863249725060399	0	0%
449	96.8632497250604	2	0.3%
450	96.9682210653515	2	0.3%
451	97.006824041019	3	0.5%
452	97.006824041019001	0	0%
453	97.207088302702	2	0.3%
454	97.207088302702005	0	0%
455	97.317574285137397	0	0%
456	97.3175742851374	1	0.2%
457	97.399896821643097	0	0%
458	97.3998968216431	2	0.3%
459	97.4480102591266	2	0.3%
460	97.448010259126605	0	0%
461	97.646800912231299	0	0%
462	97.6468009122313	3	0.5%
463	97.768792991602098	0	0%
464	97.7687929916021	1	0.2%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

465	97.826534350079697	0	0%
466	97.8265343500797	1	0.2%
467	97.885805657276094	0	0%
468	97.8858056572761	0	0%
469	98.081915881706195	0	0%
470	98.0819158817062	1	0.2%
471	98.2169158257616	3	0.5%
472	98.216915825761603	0	0%
473	98.2482565191224	1	0.2%
474	98.248256519122407	0	0%
475	98.320181479661599	0	0%
476	98.3201814796616	3	0.5%
477	98.512625281070498	0	0%
478	98.5126252810705	2	0.3%
479	98.661954202261498	0	0%
480	98.6619542022615	2	0.3%
481	98.6652072932616	1	0.2%
482	98.665207293261602	0	0%
483	98.7511097658774	1	0.2%
484	98.751109765877402	0	0%
485	98.9391491150658	0	0%
486	98.939149115065803	0	0%
487	99.0775523423656	0	0%
488	99.077552342365607	0	0%
489	99.103920881465797	0	0%
490	99.1039208814658	1	0.2%
491	99.178563502958596	0	0%
492	99.1785635029586	1	0.2%
493	99.36173612311	2	0.3%
494	99.361736123110006	0	0%
495	99.485479651028498	0	0%
496	99.4854796510285	1	0.2%
497	99.5428298818359	3	0.5%
498	99.602516777421997	0	0%
499	99.602516777422	1	0.2%
500	99.780664579177596	0	0%
501	99.7806645791776	2	0.3%
502	99.889200127917405	0	0%
503	99.978696392310496	0	0%



504	99.9786963923105	6	1%
505	NaN	0	0%
Missing value		61	10.2%

## WHZ\_NEG\_MAM\_FLAG: Weight/Height indicates Moderate Acute Malnutrition Flag

Data file: Children's Module

### Overview

Valid: 600 Invalid: 0  
Type: Discrete Range: 0 - 1 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		594	99%
1		6	1%

## HAZ\_LOWER: Height/Age Lower Limit

Data file: Children's Module

### Overview

Valid: 600 Invalid: 0 Mean: 67.46 Standard deviation: 10.12  
Type: Continuous Range: 39.427889022917 - 82.275123079107 Format: Numeric

## HAZ\_UPPER: Height/Age Upper Limit

Data file: Children's Module

### Overview

Valid: 600 Invalid: 0 Mean: 106.94 Standard deviation: 19.58  
Type: Continuous Range: 62.260312850738 - 137.92918761128 Format: Numeric

## HAZ\_FLAG: Height/Age Flag

Data file: Children's Module

### Overview

Valid: 600 Invalid: 0  
Type: Discrete Range: 0 - 0 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		600	100%

## WHZ\_LOWER: Weight/Height Lower Limit

Data file: Children's Module

### Overview

Valid: 539 Invalid: 61

Type: Discrete Range: 1 - 391 Format: Factor

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	100.524468467144	4	0.7%
2	100.548665843916	2	0.3%
3	101.088405866204	3	0.5%
4	101.094687348059	1	0.2%
5	101.636800621639	4	0.7%
6	101.654659211086	7	1.2%
7	102.1757431	2	0.3%
8	102.17574310000001	0	0%
9	102.224612296624	3	0.5%
10	102.71232629201	3	0.5%
11	102.799760513265	3	0.5%
12	1025.19609228233	1	0.2%
13	103.24743799834	6	1%
14	103.381713929596	5	0.8%
15	103.782044529733	0	0%
16	103.972200374886	2	0.3%
17	104.317192925285	3	0.5%
18	104.573068521613	3	0.5%
19	104.854013170718	1	0.2%
20	104.85401317071801	0	0%
21	105.18629096799999	0	0%
22	105.186290968	3	0.5%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese -  
Sept/October 2021

23	105.39372041665899	0	0%
24	105.393720416659	2	0.3%
25	105.81396732054699	0	0%
26	105.813967320547	3	0.5%
27	105.93761719690799	0	0%
28	105.937617196908	1	0.2%
29	106.45832727656899	0	0%
30	106.458327276569	0	0%
31	106.487095646723	1	0.2%
32	106.48709564672301	0	0%
33	1061.80957246098	1	0.2%
34	107.043639721091	1	0.2%
35	107.121733706724	0	0%
36	107.608827412999	5	0.8%
37	107.60882741299901	0	0%
38	107.80668573755	5	0.8%
39	108.184332971722	7	1.2%
40	108.51582183399999	0	0%
41	108.515821834	5	0.8%
42	108.771929121084	1	0.2%
43	109.251922881968	1	0.2%
44	109.373489277744	2	0.3%
45	109.990989769469	5	0.8%
46	110.017915270835	4	0.7%
47	110.626512053406	4	0.7%
48	110.816873975991	1	0.2%
49	111.282244934362	1	0.2%
50	111.652025641372	2	0.3%
51	111.65202564137201	0	0%
52	111.96048678308	2	0.3%
53	112.526751662	2	0.3%
54	112.663647754507	4	0.7%
55	113.394252006082	2	0.3%
56	113.444591266506	3	0.5%
57	1138.55638070852	1	0.2%
58	114.15493991599899	0	0%
59	114.154939915999	5	0.8%
60	114.40924459967199	0	0%
61	114.409244599672	4	0.7%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese -  
Sept/October 2021

62	114.948470301493	4	0.7%
63	115.424575804963	6	1%
64	115.777722637108	3	0.5%
65	116.494616107054	5	0.8%
66	116.645699272976	1	0.2%
67	117.55552765309299	0	0%
68	117.555527653093	3	0.5%
69	117.623566894375	2	0.3%
70	1178.74489580537	0	0%
71	118.510462533593	2	0.3%
72	118.815802801633	3	0.5%
73	119.513888201026	1	0.2%
74	119.51388820102601	0	0%
75	120.075874792354	3	0.5%
76	120.569320690631	2	0.3%
77	121.408513241414	4	0.7%
78	121.680410004611	4	0.7%
79	121.68041000461101	0	0%
80	122.81863101757099	0	0%
81	122.818631017571	3	0.5%
82	122.850942330413	1	0.2%
83	122.85094233041301	0	0%
84	124.084842259	0	0%
85	124.311326565999	5	0.8%
86	125.386175003125	2	0.3%
87	125.891886990825	8	1.3%
88	126.759148615611	3	0.5%
89	127.565791137657	4	0.7%
90	128.208116207627	3	0.5%
91	129.33871267612199	0	0%
92	129.338712676122	5	0.8%
93	129.737578166957	2	0.3%
94	129.73757816695701	0	0%
95	131.21652318239799	0	0%
96	131.216523182398	4	0.7%
97	131.352184376281	3	0.5%
98	133.05673643144999	0	0%
99	133.05673643145	5	0.8%
100	133.20529522174999	0	0%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese -  
Sept/October 2021

101	133.20529522175	3	0.5%
102	134.856189859762	4	0.7%
103	135.311305431056	6	1%
104	135.31130543105601	0	0%
105	136.755656338235	8	1.3%
106	136.75565633823501	0	0%
107	137.54103760135399	0	0%
108	137.541037601354	3	0.5%
109	138.76040591188499	0	0%
110	138.760405911885	3	0.5%
111	139.901185760358	6	1%
112	140.875869211999	7	1.2%
113	142.39865725500999	0	0%
114	142.39865725501	3	0.5%
115	143.10763967441599	0	0%
116	143.107639674416	5	0.8%
117	145.04057583399899	0	0%
118	145.040575833999	2	0.3%
119	145.46147575779599	0	0%
120	145.461475757796	3	0.5%
121	147.834284730304	5	0.8%
122	147.83428473030401	0	0%
123	147.943303161899	3	0.5%
124	150.559217045861	0	0%
125	150.78734974372	5	0.8%
126	153.315484246468	0	0%
127	153.907562323401	1	0.2%
128	153.90756232340101	0	0%
129	156.218545496435	2	0.3%
130	156.21854549643501	0	0%
131	157.202942650382	7	1.2%
132	159.27501764267399	0	0%
133	159.275017642674	3	0.5%
134	160.68174272012399	0	0%
135	160.681742720124	2	0.3%
136	162.49169586457899	0	0%
137	162.491695864579	1	0.2%
138	164.35244942504099	0	0%
139	164.352449425041	1	0.2%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

140	165.875555892297	2	0.3%
141	168.223787637033	2	0.3%
142	168.22378763703301	0	0%
143	169.433756225	1	0.2%
144	172.304723290022	3	0.5%
145	173.173640349168	0	0%
146	173.17364034916801	0	0%
147	176.604466462489	1	0.2%
148	177.10273895686	0	0%
149	177.10273895686001	0	0%
150	181.132474459999	1	0.2%
151	181.22877216398999	0	0%
152	181.22877216399	0	0%
153	185.55965172860499	0	0%
154	185.559651728605	2	0.3%
155	185.898454897742	2	0.3%
156	190.10348326915599	0	0%
157	190.103483269156	0	0%
158	190.912368783065	4	0.7%
159	190.91236878306501	0	0%
160	194.86856848277799	0	0%
161	194.868568482778	2	0.3%
162	196.184433597998	3	0.5%
163	196.18443359799801	0	0%
164	199.86340736356499	0	0%
165	199.863407363565	0	0%
166	201.725126381806	8	1.3%
167	201.72512638180601	0	0%
168	205.096700420843	0	0%
169	205.09670042084301	0	0%
170	207.5451868135	3	0.5%
171	207.54518681350001	0	0%
172	210.577350897448	3	0.5%
173	210.57735089744801	0	0%
174	213.65562029438499	0	0%
175	213.655620294385	1	0.2%
176	216.31446698799999	0	0%
177	216.314466988	1	0.2%
178	220.067701030591	0	0%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

179	222.31736405717899	0	0%
180	222.317364057179	1	0.2%
181	226.792975115606	1	0.2%
182	228.595566858003	0	0%
183	233.84326361280699	0	0%
184	233.843263612807	0	0%
185	235.15881175010199	0	0%
186	235.158811750102	4	0.7%
187	241.230665637999	1	0.2%
188	241.23066563799901	0	0%
189	242.017048917988	2	0.3%
190	242.01704891798801	0	0%
191	248.967561441942	4	0.7%
192	249.18044458934199	0	0%
193	249.180444589342	1	0.2%
194	256.659383253283	1	0.2%
195	256.65938325328301	0	0%
196	257.066615492889	1	0.2%
197	257.06661549288901	0	0%
198	264.464469878636	1	0.2%
199	264.46446987863601	0	0%
200	265.54077955911799	0	0%
201	265.540779559118	2	0.3%
202	272.606532132227	1	0.2%
203	272.60653213222702	0	0%
204	274.40329579146999	0	0%
205	274.40329579147	1	0.2%
206	281.096622597139	1	0.2%
207	283.66769980587299	0	0%
208	293.34782376588697	0	0%
209	293.347823765887	1	0.2%
210	299.16623638425	0	0%
211	303.45779946522998	0	0%
212	303.45779946523	2	0.3%
213	308.769009418428	1	0.2%
214	308.76900941842803	0	0%
215	314.01206141031099	0	0%
216	318.76631452443303	0	0%
217	325.02534990276598	0	0%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

218	325.025349902766	5	0.8%
219	329.170362140813	1	0.2%
220	336.51271412199901	0	0%
221	348.489515207701	0	0%
222	351.248720006746	0	0%
223	360.97142934239201	0	0%
224	362.94865113608802	0	0%
225	373.974450833957	0	0%
226	375.106570971931	2	0.3%
227	387.514895198174	0	0%
228	387.735903265171	1	0.2%
229	401.609402241248	0	0%
230	416.274939142351	0	0%
231	428.590365467331	0	0%
232	431.528803536149	0	0%
233	458.441159307875	1	0.2%
234	458.44115930787501	0	0%
235	474.194982162219	0	0%
236	480.998359585999	0	0%
237	498.78522729582102	0	0%
238	517.25197539277599	0	0%
239	517.251975392776	1	0.2%
240	524.953542321155	0	0%
241	536.417948977714	0	0%
242	620.47338611054499	0	0%
243	63.301988831374999	0	0%
244	64.498947776842897	0	0%
245	68.0355859444818	0	0%
246	691.857769983996	0	0%
247	691.85776998399604	0	0%
248	70.2660527361453	1	0.2%
249	73.005210698	0	0%
250	73.0414649045388	0	0%
251	73.7027549381522	0	0%
252	73.7696474597509	0	0%
253	74.4044415022489	0	0%
254	74.404441502248901	0	0%
255	75.1097506973291	2	0.3%
256	75.232398383233303	0	0%



Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

257	75.8181449596307	2	0.3%
258	75.966170587999898	0	0%
259	75.9661705879999	1	0.2%
260	76.529071937124996	0	0%
261	76.529071937125	1	0.2%
262	76.7009839377646	0	0%
263	76.700983937764605	0	0%
264	77.2419675720493	0	0%
265	77.436404816164099	0	0%
266	77.4364048161641	0	0%
267	77.9562591834409	1	0.2%
268	77.956259183440906	0	0%
269	771.046679833595	1	0.2%
270	78.171989385887002	0	0%
271	78.6713685496709	2	0.3%
272	78.671368549670902	0	0%
273	78.9072858069491	0	0%
274	78.907285806949105	0	0%
275	79.386714990977694	0	0%
276	79.3867149909777	1	0.2%
277	79.641836454968697	0	0%
278	79.6418364549687	1	0.2%
279	80.1017184519999	1	0.2%
280	80.3751801394428	0	0%
281	80.8158025843112	2	0.3%
282	81.1068543220224	0	0%
283	81.5283978289529	1	0.2%
284	81.528397828952905	0	0%
285	81.8363973347878	1	0.2%
286	81.836397334787804	0	0%
287	82.238944498968	1	0.2%
288	82.5633505985248	2	0.3%
289	82.563350598524806	0	0%
290	82.946895861934607	0	0%
291	83.2872608409999	6	1%
292	83.287260840999906	0	0%
293	83.6517212224999	2	0.3%
294	83.651721222499901	0	0%
295	84.007682315236096	0	0%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

296	84.0076823152361	2	0.3%
297	84.3529090049133	2	0.3%
298	84.7241790177881	1	0.2%
299	84.724179017788103	0	0%
300	85.04996983556	1	0.2%
301	85.049969835560006	0	0%
302	85.436326907018596	0	0%
303	85.4363269070186	5	0.8%
304	85.742439625494995	0	0%
305	85.742439625495	2	0.3%
306	86.1437161213731	1	0.2%
307	86.143716121373103	0	0%
308	86.4298826529767	4	0.7%
309	86.429882652976701	0	0%
310	86.8459531976562	1	0.2%
311	87.111894645999996	0	0%
312	87.111894646	0	0%
313	87.5426632893068	1	0.2%
314	87.542663289306802	0	0%
315	87.7881058648303	1	0.2%
316	88.2334923846739	3	0.5%
317	88.458184184537	0	0%
318	88.458184184537004	0	0%
319	88.918109525291797	0	0%
320	88.9181095252918	2	0.3%
321	89.121838177526897	0	0%
322	89.1218381775269	1	0.2%
323	89.596209024156394	0	0%
324	89.5962090241564	2	0.3%
325	89.778820196078797	0	0%
326	89.7788201960788	3	0.5%
327	90.267512683999996	0	0%
328	90.267512684	1	0.2%
329	90.428929454875	3	0.5%
330	90.428929454875004	0	0%
331	90.9317720155675	0	0%
332	90.931772015567503	0	0%
333	91.0720151135372	2	0.3%
334	91.072015113537205	0	0%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

335	91.5887704558921	4	0.7%
336	91.588770455892103	0	0%
337	91.707979359158898	0	0%
338	91.7079793591589	3	0.5%
339	92.238325586570099	0	0%
340	92.2383255865701	1	0.2%
341	92.336780488838897	0	0%
342	92.3367804888389	3	0.5%
343	92.880291352037	7	1.2%
344	92.880291352037005	0	0%
345	92.958435992215598	0	0%
346	92.9584359922156	4	0.7%
347	93.5145602778437	4	0.7%
348	93.573025634	4	0.7%
349	93.573025634000004	0	0%
350	94.141065688930894	0	0%
351	94.1410656889309	3	0.5%
352	94.180694536509293	0	0%
353	94.1806945365093	2	0.3%
354	94.7597839279055	2	0.3%
355	94.759783927905502	0	0%
356	94.781656262200897	0	0%
357	94.7816562622009	5	0.8%
358	95.370736573315796	0	0%
359	95.3707365733158	2	0.3%
360	95.376195896205999	0	0%
361	95.376195896206	2	0.3%
362	95.9646731288625	1	0.2%
363	95.964673128862501	0	0%
364	95.973992657927695	0	0%
365	95.9739926579277	3	0.5%
366	96.547525338249699	0	0%
367	96.5475253382497	3	0.5%
368	96.5696708870001	2	0.3%
369	97.125270672721399	0	0%
370	97.1252706727214	5	0.8%
371	97.1579418565591	3	0.5%
372	97.157941856559106	0	0%
373	97.6985111334379	6	1%

374	97.698511133437904	0	0%
375	97.739030271676	1	0.2%
376	98.2679356569031	2	0.3%
377	98.267935656903106	0	0%
378	98.3132171647416	4	0.7%
379	98.313217164741602	0	0%
380	98.834323197494697	0	0%
381	98.8343231974947	6	1%
382	98.880842113741096	0	0%
383	98.8808421137411	1	0.2%
384	99.3985458099996	0	0%
385	99.398545809999604	0	0%
386	99.4423054605312	4	0.7%
387	99.442305460531202	0	0%
388	99.9615717321483	1	0.2%
389	99.998070529114798	0	0%
390	99.9980705291148	3	0.5%
391	NaN	0	0%
Missing value		61	10.2%

## WHZ\_UPPER: Weight/Height Upper Limit

Data file: Children's Module

### Overview

Valid: 539 Invalid: 61

Type: Discrete Range: 1 - 453 Format: Factor

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	47.504755130593701	0	0%
2	48.213563013287001	0	0%
3	48.5940585450386	0	0%
4	50.5183310472704	0	0%
5	50.785206262745803	0	0%
6	51.0962983824268	1	0.2%
7	51.314193271628596	0	0%
8	51.576538419999999	0	0%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

9	51.57653842	1	0.2%
10	51.8376018392954	0	0%
11	51.837601839295402	0	0%
12	52.0974926583007	0	0%
13	52.097492658300702	0	0%
14	52.249375348	0	0%
15	52.356317038898197	0	0%
16	52.5280397232406	0	0%
17	52.6141782052736	0	0%
18	52.614178205273603	0	0%
19	52.8032886684537	0	0%
20	52.803288668453703	0	0%
21	52.871176473124997	0	0%
22	52.871176473125	1	0.2%
23	53.0753265805643	2	0.3%
24	53.1274092788704	0	0%
25	53.3443528685939	2	0.3%
26	53.3829712088558	0	0%
27	53.610562000968699	0	0%
28	53.6105620009687	1	0.2%
29	53.6379540285632	1	0.2%
30	53.8741435528268	0	0%
31	53.8924467118186	2	0.3%
32	54.135282253325997	0	0%
33	54.135282253326	1	0.2%
34	54.14653547	6	1%
35	54.146535470000003	0	0%
36	54.394158032950997	0	0%
37	54.394158032951	2	0.3%
38	54.400303781245398	0	0%
39	54.4003037812454	2	0.3%
40	54.650946070821597	0	0%
41	54.6509460708216	1	0.2%
42	54.6538324196608	1	0.2%
43	54.653832419660802	0	0%
44	54.905816842	1	0.2%
45	54.9071994845281	5	0.8%
46	55.158936164798099	0	0%
47	55.1589361647981	2	0.3%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese -  
Sept/October 2021

48	55.160480429513598	0	0%
49	55.1604804295136	1	0.2%
50	55.4104652480857	1	0.2%
51	55.4137480918749	1	0.2%
52	55.413748091874901	0	0%
53	55.6605607385977	1	0.2%
54	55.6670727216704	1	0.2%
55	55.667072721670401	0	0%
56	55.909374768241904	0	0%
57	55.9205220109658	3	0.5%
58	56.157055001406199	0	0%
59	56.1570550014062	2	0.3%
60	56.174161123043199	0	0%
61	56.1741611230432	2	0.3%
62	56.403744682266797	0	0%
63	56.4037446822668	2	0.3%
64	56.4280527216086	2	0.3%
65	56.428052721608601	0	0%
66	56.649582682095499	0	0%
67	56.6495826820955	1	0.2%
68	56.682257	1	0.2%
69	56.894703546567	2	0.3%
70	56.894703546567001	0	0%
71	56.9368317103954	0	0%
72	56.936831710395403	0	0%
73	57.139237543067097	0	0%
74	57.1392375430671	4	0.7%
75	57.1918321930208	4	0.7%
76	57.191832193020801	0	0%
77	57.383310708	0	0%
78	57.383310708000003	0	0%
79	57.447311405358199	0	0%
80	57.4473114053582	1	0.2%
81	57.627044894095597	0	0%
82	57.6270448940956	1	0.2%
83	57.703319951353599	0	0%
84	57.7033199513536	7	1.2%
85	57.8705578177177	0	0%
86	57.870557817717703	0	0%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

87	57.959906110624999	0	0%
88	57.959906110625	4	0.7%
89	58.113963106171298	0	0%
90	58.1139631061713	1	0.2%
91	58.2171158676704	3	0.5%
92	58.217115867670401	0	0%
93	58.357370345009898	0	0%
94	58.3573703450099	3	0.5%
95	58.474992941075797	0	0%
96	58.4749929410758	2	0.3%
97	58.6008851253437	3	0.5%
98	58.600885125343702	0	0%
99	58.7335788127232	2	0.3%
100	58.733578812723202	0	0%
101	58.8446090911468	2	0.3%
102	58.992912756998599	0	0%
103	58.9929127569986	3	0.5%
104	59.088639986564999	0	0%
105	59.088639986565	3	0.5%
106	59.25303187	2	0.3%
107	59.253031870000001	0	0%
108	59.333071703222998	0	0%
109	59.333071703223	3	0.5%
110	59.5139710987453	3	0.5%
111	59.513971098745301	0	0%
112	59.5779943275326	4	0.7%
113	59.7757632703808	1	0.2%
114	59.823494187999998	0	0%
115	59.823494188	4	0.7%
116	60.0384391213881	4	0.7%
117	60.038439121388102	0	0%
118	60.069653902533098	0	0%
119	60.0696539025331	2	0.3%
120	60.3020273267935	1	0.2%
121	60.316552425749698	0	0%
122	60.3165524257497	5	0.8%
123	60.564265096284799	0	0%
124	60.5642650962848	2	0.3%
125	60.566554529374997	0	0%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

126	60.566554529375	4	0.7%
127	60.812863684097898	0	0%
128	60.8128636840979	1	0.2%
129	60.8320453688704	3	0.5%
130	60.832045368870403	0	0%
131	61.0624164377812	3	0.5%
132	61.062416437781202	0	0%
133	61.098522511185799	0	0%
134	61.0985225111858	2	0.3%
135	61.3129881318668	5	0.8%
136	61.312988131866803	0	0%
137	61.3660066776032	1	0.2%
138	61.366006677603202	0	0%
139	61.564640114134498	0	0%
140	61.5646401141345	6	1%
141	61.6345166739886	4	0.7%
142	61.817430352918997	0	0%
143	61.817430352919	2	0.3%
144	61.904069419999999	0	0%
145	61.90406942	2	0.3%
146	62.0714134844181	6	1%
147	62.071413484418102	0	0%
148	62.1746799782954	3	0.5%
149	62.174679978295401	0	0%
150	62.326640859999998	0	0%
151	62.32664086	0	0%
152	62.4463615837408	6	1%
153	62.446361583740803	0	0%
154	62.583160593510598	0	0%
155	62.5831605935106	1	0.2%
156	62.719125672618198	0	0%
157	62.7191256726182	0	0%
158	62.8410176085817	4	0.7%
159	62.841017608581701	0	0%
160	62.9929819118336	3	0.5%
161	62.992981911833603	0	0%
162	63.100253685938299	0	0%
163	63.1002536859383	3	0.5%
164	63.267938228124997	0	0%



Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese -  
Sept/October 2021

165	63.267938228125	1	0.2%
166	63.3609075107059	7	1.2%
167	63.5440008372704	2	0.3%
168	63.544000837270403	0	0%
169	63.623014719718697	0	0%
170	63.6230147197187	3	0.5%
171	63.8211742732957	1	0.2%
172	63.821174273295703	0	0%
173	63.8866079488268	3	0.5%
174	64.0994614176832	1	0.2%
175	64.099461417683202	0	0%
176	64.151716880204	5	0.8%
177	64.151716880204006	0	0%
178	64.3788635285786	1	0.2%
179	64.378863528578606	0	0%
180	64.418368289655	2	0.3%
181	64.418368289655007	0	0%
182	64.6593802699999	5	0.8%
183	64.686586093923594	0	0%
184	64.6865860939236	3	0.5%
185	64.9410097410454	7	1.2%
186	64.941009741045406	0	0%
187	64.956391397999994	0	0%
188	64.956391398	3	0.5%
189	65.2237485051008	1	0.2%
190	65.223748505100801	0	0%
191	65.227802542428094	0	0%
192	65.2278025424281	3	0.5%
193	65.500835150613696	0	0%
194	65.5008351506137	0	0%
195	65.507591619048199	0	0%
196	65.5075916190482	2	0.3%
197	65.775502176131795	0	0%
198	65.7755021761318	0	0%
199	65.7925326624736	5	0.8%
200	65.792532662473604	0	0%
201	66.0518139500339	5	0.8%
202	66.051813950033903	0	0%
203	66.078563766874893	0	0%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

204	66.0785637668749	4	0.7%
205	66.3297782281562	5	0.8%
206	66.329778228156201	0	0%
207	66.365675644870393	0	0%
208	66.3656756448704	1	0.2%
209	66.6094002384269	1	0.2%
210	66.653857619405798	0	0%
211	66.6538576194058	2	0.3%
212	66.8906827281735	4	0.7%
213	66.890682728173502	0	0%
214	66.9430976529631	4	0.7%
215	66.943097652963104	0	0%
216	67.173626011431097	0	0%
217	67.1736260114311	1	0.2%
218	67.2333823767686	2	0.3%
219	67.233382376768603	0	0%
220	67.458228016249194	0	0%
221	67.4582280162492	2	0.3%
222	67.524697119999999	0	0%
223	67.52469712	5	0.8%
224	67.744484331999999	0	0%
225	67.744484332	2	0.3%
226	67.8170259389954	4	0.7%
227	68.0323882566856	3	0.5%
228	68.032388256685607	0	0%
229	68.110351646460799	0	0%
230	68.1103516464608	3	0.5%
231	68.321930844245699	0	0%
232	68.3219308442457	4	0.7%
233	68.4046558406782	1	0.2%
234	68.404655840678203	0	0%
235	68.6131009518653	6	1%
236	68.613100951865306	0	0%
237	68.699918934713594	0	0%
238	68.6999189347136	3	0.5%
239	68.9058852872819	5	0.8%
240	68.905885287281905	0	0%
241	68.996120185625	2	0.3%
242	68.996120185625003	0	0%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

243	69.200268456093795	0	0%
244	69.2002684560938	2	0.3%
245	69.2932377236703	1	0.2%
246	69.293237723670302	0	0%
247	69.496233009066898	0	0%
248	69.4962330090669	3	0.5%
249	69.591248581515799	0	0%
250	69.5912485815158	2	0.3%
251	69.793759489443	3	0.5%
252	69.793759489443005	0	0%
253	69.890128723443198	0	0%
254	69.8901287234432	4	0.7%
255	70.092826480246998	0	0%
256	70.092826480247	4	0.7%
257	70.189853074558599	0	0%
258	70.1898530745586	1	0.2%
259	70.3934106515946	3	0.5%
260	70.393410651594607	0	0%
261	70.49039555	0	0%
262	70.490395550000002	0	0%
263	70.695486807999998	0	0%
264	70.695486808	5	0.8%
265	70.7917290841453	2	0.3%
266	70.791729084145302	0	0%
267	70.9990279356832	8	1.3%
268	70.999027935683202	0	0%
269	71.093825659820794	0	0%
270	71.0938256598208	3	0.5%
271	71.3040052498777	4	0.7%
272	71.304005249877704	0	0%
273	71.3966563375082	3	0.5%
274	71.396656337508205	0	0%
275	71.610388242138796	0	0%
276	71.6103882421388	5	0.8%
277	71.700191284553597	0	0%
278	71.7001912845536	2	0.3%
279	71.9181447276499	4	0.7%
280	71.918144727649903	0	0%
281	72.004399804374998	0	0%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

282	72.004399804375	3	0.5%
283	72.227240892531199	0	0%
284	72.2272408925312	3	0.5%
285	72.309250365670394	0	0%
286	72.3092503656704	5	0.8%
287	72.537641341146895	0	0%
288	72.5376413411469	6	1%
289	72.614710631625798	0	0%
290	72.6147106316258	4	0.7%
291	72.849309143412498	0	0%
292	72.8493091434125	3	0.5%
293	72.9207474891232	8	1.3%
294	72.920747489123201	0	0%
295	73.162205882103095	0	0%
296	73.1622058821031	6	1%
297	73.2273270779485	3	0.5%
298	73.227327077948502	0	0%
299	73.4762917001601	3	0.5%
300	73.476291700160104	0	0%
301	73.534414819999995	0	0%
302	73.53441482	7	1.2%
303	73.791525347999993	0	0%
304	73.791525348	2	0.3%
305	73.8419754484954	5	0.8%
306	73.841975448495404	0	0%
307	74.107864230820596	0	0%
308	74.1078642308206	5	0.8%
309	74.1499730371807	3	0.5%
310	74.425264455909797	0	0%
311	74.4252644559098	5	0.8%
312	74.458371029538199	0	0%
313	74.4583710295382	3	0.5%
314	74.743680879952294	0	0%
315	74.7436808799523	1	0.2%
316	74.7671322679936	0	0%
317	74.767132267993603	0	0%
318	75.063067156337894	0	0%
319	75.0630671563379	7	1.2%
320	75.076219023125	0	0%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

321	75.076219023125006	0	0%
322	75.3833757824688	2	0.3%
323	75.383375782468804	0	0%
324	75.385593022870296	0	0%
325	75.3855930228703	2	0.3%
326	75.6952154817358	3	0.5%
327	75.695215481735801	0	0%
328	75.7045581470668	1	0.2%
329	75.704558147066805	0	0%
330	76.0050471300032	1	0.2%
331	76.005047130003206	0	0%
332	76.026564577482	2	0.3%
333	76.026564577482006	0	0%
334	76.3150482429386	2	0.3%
335	76.315048242938602	0	0%
336	76.349344386998993	0	0%
337	76.349344386999	3	0.5%
338	76.625178669999897	0	0%
339	76.6251786699999	1	0.2%
340	76.672845922145697	0	0%
341	76.6728459221457	1	0.2%
342	76.935397864045399	0	0%
343	76.9353978640454	0	0%
344	76.9970166099999	1	0.2%
345	76.997016609999903	0	0%
346	77.245664910540796	0	0%
347	77.2456649105408	0	0%
348	77.321803005498097	0	0%
349	77.3218030054981	2	0.3%
350	77.555938556768197	0	0%
351	77.5559385567682	0	0%
352	77.647150838741695	0	0%
353	77.6471508387417	4	0.7%
354	77.866177241033597	0	0%
355	77.8661772410336	2	0.3%
356	77.9730050623058	3	0.5%
357	77.973005062305802	0	0%
358	78.176339121875	0	0%
359	78.176339121875003	0	0%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

360	78.2993098985459	8	1.3%
361	78.4863821072704	2	0.3%
362	78.486382107270401	0	0%
363	78.6260088869063	3	0.5%
364	78.626008886906305	0	0%
365	78.796263883845796	0	0%
366	78.7962638838458	0	0%
367	78.953044931226898	0	0%
368	78.9530449312269	1	0.2%
369	79.1059419460832	0	0%
370	79.105941946083206	0	0%
371	79.280360347051399	0	0%
372	79.2803603470514	0	0%
373	79.4153736255286	3	0.5%
374	79.415373625528602	0	0%
375	79.607896908935	1	0.2%
376	79.607896908935004	0	0%
377	79.72451612	1	0.2%
378	79.724516120000004	0	0%
379	79.935595897751298	0	0%
380	79.9355958977513	0	0%
381	80.0333265227954	1	0.2%
382	80.033326522795406	0	0%
383	80.263398147999993	0	0%
384	80.263398148	1	0.2%
385	80.341761851900799	0	0%
386	80.591244095115698	0	0%
387	80.5912440951157	4	0.7%
388	80.649779079198098	0	0%
389	80.6497790791981	4	0.7%
390	80.919073822773797	0	0%
391	80.9190738227738	1	0.2%
392	80.9573351596735	2	0.3%
393	80.957335159673505	0	0%
394	81.2468271101993	2	0.3%
395	81.246827110199305	0	0%
396	81.264387060624998	0	0%
397	81.264387060625	1	0.2%
398	81.5708917908704	1	0.2%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

399	81.570891790870405	0	0%
400	81.574443479473999	0	0%
401	81.574443479474	1	0.2%
402	81.8768064299558	1	0.2%
403	81.876806429955806	0	0%
404	81.901862242843706	0	0%
405	82.182088157363197	0	0%
406	82.1820881573632	1	0.2%
407	82.229022550026897	0	0%
408	82.2290225500269	1	0.2%
409	82.486694281718499	0	0%
410	82.4866942817185	1	0.2%
411	82.555863435521	2	0.3%
412	82.555863435521005	0	0%
413	82.882323865911104	0	0%
414	83.0937097767453	0	0%
415	83.2083427871767	5	0.8%
416	83.208342787176704	0	0%
417	83.3960346732607	1	0.2%
418	83.396034673260701	0	0%
419	83.533859172000007	0	0%
420	83.697515076828097	0	0%
421	83.8588120670732	0	0%
422	83.9981093799136	1	0.2%
423	84.183140640405696	0	0%
424	84.5067842286327	0	0%
425	84.596474805670297	0	0%
426	84.829682384322	0	0%
427	84.894164352065701	0	0%
428	85.1517749232812	0	0%
429	85.1908047038432	2	0.3%
430	85.4730019718669	0	0%
431	85.473001971866907	0	0%
432	85.4863560675085	1	0.2%
433	85.7933040142904	0	0%
434	86.3660852266207	0	0%
435	86.748071308	0	0%
436	86.946418457753595	0	0%
437	86.9464184577536	1	0.2%

438	87.064086980770796	0	0%
439	87.234627498125	0	0%
440	87.3788870920377	1	0.2%
441	87.378887092037701	0	0%
442	87.6924152666063	0	0%
443	88.0909940455231	0	0%
444	88.932706202760102	0	0%
445	89.846919357999994	0	0%
446	89.846919358	0	0%
447	90.7458914771197	1	0.2%
448	93.0592398909857	1	0.2%
449	93.3390894989018	1	0.2%
450	93.8921812543859	1	0.2%
451	93.892181254385903	0	0%
452	94.1653611415937	0	0%
453	NaN	0	0%
Missing value		61	10.2%

## WHZ\_FLAG: Weight/Height Flag

Data file: Children's Module

### Overview

Valid: 600 Invalid: 0

Type: Discrete Range: 0 - 0 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		600	100%

## WAZ\_LOWER: Weight/Age Lower Limit

Data file: Children's Module

### Overview

Valid: 600 Invalid: 0 Mean: 5.28 Standard deviation: 1.45

Type: Continuous Range: 1.142522378408 - 7.3356762269724 Format: Numeric



## WAZ\_UPPER: Weight/Age Upper Limit

Data file: Children's Module

### Overview

Valid: 600 Invalid: 0 Mean: 22.55 Standard deviation: 7.49  
Type: Continuous Range: 6.5828702115164 - 38.739573072132 Format: Numeric

## WAZ\_FLAG: Weight/Age Flag

Data file: Children's Module

### Overview

Valid: 600 Invalid: 0  
Type: Discrete Range: 0 - 0 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		600	100%

## MUAC\_LOWER: MUAC lower limit

Data file: Children's Module

### Overview

Valid: 600 Invalid: 0 Mean: 89.55 Standard deviation: 5.47  
Type: Continuous Range: 74.691740693889 - 97.407508636461 Format: Numeric

## MUAC\_UPPER: MUAC upper limit

Data file: Children's Module

### Overview

Valid: 600 Invalid: 0 Mean: 241.5 Standard deviation: 20.49  
Type: Continuous Range: 189.22677633468 - 287.59195957544 Format: Numeric

## MUAC\_FLAG: MUAC flag

Data file: Children's Module

### Overview

Valid: 600 Invalid: 0  
Type: Discrete Range: 0 - 0 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		600	100%

## ENROL: Child currently being treated for malnutrition

Data file: Children's Module

### Overview

Valid: 543 Invalid: 57

Type: Discrete Range: 1 - 3 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		10	1.7%
3		533	88.8%
Missing value		57	9.5%

## BSFP: Child currently enrolled in BSFP

Data file: Children's Module

### Overview

Valid: 202 Invalid: 398

Type: Discrete Range: 1 - 2 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		195	32.5%
2		7	1.2%
Missing value		398	66.3%

## MNP\_ENROL: Enrolment in Micronutrient Powder Program

Data file: Children's Module

## Overview

Valid: 336 Invalid: 264

Type: Discrete Range: 1 - 2 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		332	55.3%
2		4	0.7%
Missing value		264	44%

## RECEIVE\_CSB: Enrolled to received CSB (Corn Soy Blend)

Data file: Children's Module

## Overview

Valid: 194 Invalid: 406

Type: Discrete Range: 1 - 2 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		188	31.3%
2		6	1%
Missing value		406	67.7%

## RECEIVE\_MNP: Enrolled to received Micronutrient Powder

Data file: Children's Module

## Overview

Valid: 331 Invalid: 269

Type: Discrete Range: 1 - 2 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		327	54.5%
2		4	0.7%
Missing value		269	44.8%

## CSB\_LAST: Last distribution of Super Cereal Plus (Corn Soy Blend)

Data file: Children's Module

### Overview

Valid: 188 Invalid: 412

Type: Discrete Range: 0 - 60 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		3	0.5%
2		1	0.2%
4		1	0.2%
5		1	0.2%
7		3	0.5%
12		1	0.2%
14		7	1.2%
18		1	0.2%
19		1	0.2%
21		18	3%
25		1	0.2%
28		4	0.7%
30		43	7.2%
35		5	0.8%
37		1	0.2%
38		1	0.2%
40		3	0.5%
42		8	1.3%
43		1	0.2%
44		4	0.7%
45		5	0.8%
46		1	0.2%
48		1	0.2%
49		1	0.2%
50		4	0.7%
53		16	2.7%
55		1	0.2%
60		51	8.5%

Missing value		412	68.7%
---------------	--	-----	-------

## MNP\_LAST: Last distribution of Micronutrient Powder

Data file: Children's Module

### Overview

Valid: 324 Invalid: 276

Type: Discrete Range: 3 - 60 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
3		1	0.2%
4		1	0.2%
7		14	2.3%
10		2	0.3%
14		14	2.3%
20		1	0.2%
21		36	6%
25		2	0.3%
28		3	0.5%
30		20	3.3%
32		1	0.2%
35		32	5.3%
36		3	0.5%
38		4	0.7%
39		4	0.7%
40		4	0.7%
41		1	0.2%
42		180	30%
60		1	0.2%
Missing value		276	46%

## FAMILY\_CSB: Family ratio receives Corn Soy Blend

Data file: Children's Module

### Overview

Valid: 188 Invalid: 412

Type: Discrete Range: 1 - 2 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		117	19.5%
2		71	11.8%
Missing value		412	68.7%

## MEASLES: Vaccination against measles

Data file: Children's Module

### Overview

Valid: 501 Invalid: 99

Type: Discrete Range: 1 - 3 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		430	71.7%
2		67	11.2%
3		4	0.7%
Missing value		99	16.5%

## VITA: Vitamin A capsule in past 6 months

Data file: Children's Module

### Overview

Valid: 543 Invalid: 57

Type: Discrete Range: 1 - 3 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		495	82.5%
2		28	4.7%
3		20	3.3%
Missing value		57	9.5%

## DEWORM: Drug for intestinal worms in past 6 months

Data file: Children's Module

### Overview

Valid: 463 Invalid: 137

Type: Discrete Range: 1 - 8 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		91	15.2%
2		359	59.8%
8		13	2.2%
Missing value		137	22.8%

## DIAR: Diarrhoea in past 2 weeks

Data file: Children's Module

### Overview

Valid: 543 Invalid: 57

Type: Discrete Range: 1 - 2 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		93	15.5%
2		450	75%
Missing value		57	9.5%

## DIARZINC: Give zinc or syrup for diarrhoea

Data file: Children's Module

### Overview

Valid: 92 Invalid: 508

Type: Discrete Range: 1 - 8 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		22	3.7%
2		62	10.3%
8		8	1.3%
Missing value		508	84.7%

### DIARORS: Give ORS for diarrhoea

Data file: Children's Module

#### Overview

Valid: 92 Invalid: 508

Type: Discrete Range: 1 - 2 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		48	8%
2		44	7.3%
Missing value		508	84.7%

### CHHB\_GDL: Haemoglobin (Hb) in g/dL ( $\pm 0.1$ g/dL)

Data file: Children's Module

#### Overview

Valid: 536 Invalid: 64 Mean: 11.51 Standard deviation: 1.17

Type: Continuous Range: 5.8 - 14.6 Format: Numeric

### CUTOFF: Cut Off value for Haemoglobin g/dL

Data file: Children's Module

#### Overview

Valid: 600 Invalid: 0 Mean: -0.2 Standard deviation: 0

Type: Continuous Range: -0.2 - -0.2 Format: Numeric



## CHHB: Haemoglobin (Hb) in g/dL ( $\pm 0.1$ g/dL) or in g/L ( $\pm 1$ g/L)

Data file: Children's Module

### Overview

Valid: 536 Invalid: 64

Type: Discrete Range: 1 - 117 Format: Factor

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	10	12	2%
2	10.1	9	1.5%
3	10.199999999999999	0	0%
4	10.2	9	1.5%
5	10.299999999999899	0	0%
6	10.3	16	2.7%
7	10.399999999999901	0	0%
8	10.4	12	2%
9	10.5	11	1.8%
10	10.6	15	2.5%
11	10.7	20	3.3%
12	10.799999999999899	0	0%
13	10.8	21	3.5%
14	10.899999999999901	0	0%
15	10.9	17	2.8%
16	11	18	3%
17	11.1	18	3%
18	11.2	13	2.2%
19	11.299999999999899	0	0%
20	11.3	22	3.7%
21	11.399999999999901	0	0%
22	11.4	25	4.2%
23	11.5	20	3.3%
24	11.6	19	3.2%
25	11.7	15	2.5%
26	11.799999999999899	0	0%
27	11.8	13	2.2%
28	11.899999999999901	0	0%
29	11.9	16	2.7%
30	12	21	3.5%

Tanzania (United Republic of) - Standardized Expanded Nutrition Survey (SENS) in Kigoma Refugee Camps: Nyarugusu Congolese - Sept/October 2021

31	12.06	0	0%
32	12.1	13	2.2%
33	12.2	13	2.2%
34	12.299999999999899	0	0%
35	12.3	16	2.7%
36	12.399999999999901	0	0%
37	12.4	14	2.3%
38	12.5	16	2.7%
39	12.6	15	2.5%
40	12.7	9	1.5%
41	12.799999999999899	0	0%
42	12.8	4	0.7%
43	12.899999999999901	0	0%
44	12.9	5	0.8%
45	13	4	0.7%
46	13.1	5	0.8%
47	13.2	8	1.3%
48	13.299999999999899	0	0%
49	13.3	3	0.5%
50	13.399999999999901	0	0%
51	13.4	3	0.5%
52	13.5	4	0.7%
53	13.6	0	0%
54	13.7	2	0.3%
55	13.799999999999899	0	0%
56	13.8	2	0.3%
57	13.899999999999901	0	0%
58	13.9	1	0.2%
59	14	0	0%
60	14.1	1	0.2%
61	14.2	1	0.2%
62	14.299999999999899	0	0%
63	14.3	1	0.2%
64	14.4	1	0.2%
65	14.5	0	0%
66	14.7	0	0%
67	14.799999999999899	0	0%
68	15.1	0	0%
69	15.399999999999901	0	0%

70	15.8	0	0%
71	5.6	1	0.2%
72	5.899999999999999	0	0%
73	6.6	0	0%
74	7	1	0.2%
75	7.1	0	0%
76	7.2	0	0%
77	7.3	2	0.3%
78	7.399999999999999	0	0%
79	7.4	0	0%
80	7.6	0	0%
81	7.8	1	0.2%
82	7.8999999999999987	0	0%
83	7.899999999999999	0	0%
84	7.999999999999999	2	0.3%
85	8	0	0%
86	8.1	0	0%
87	8.1999999999999993	0	0%
88	8.2	1	0.2%
89	8.29999999999999901	0	0%
90	8.3	1	0.2%
91	8.3999999999999987	0	0%
92	8.4	0	0%
93	8.5	2	0.3%
94	8.6	1	0.2%
95	8.6999999999999993	0	0%
96	8.7	1	0.2%
97	8.79999999999999901	0	0%
98	8.8	1	0.2%
99	8.8999999999999987	0	0%
100	8.9	2	0.3%
101	9	2	0.3%
102	9.1	1	0.2%
103	9.1999999999999993	0	0%
104	9.2	3	0.5%
105	9.29999999999999901	0	0%
106	9.3	1	0.2%
107	9.3999999999999987	0	0%
108	9.4	5	0.8%

109	9.5	3	0.5%
110	9.6	8	1.3%
111	9.6999999999999993	0	0%
112	9.7	4	0.7%
113	9.79999999999999901	0	0%
114	9.8	5	0.8%
115	9.8999999999999997	0	0%
116	9.9	5	0.8%
117	NaN	0	0%
Missing value		64	10.7%

## ASMAL: Acute Severe Malnutrition

Data file: Children's Module

### Overview

Valid: 596 Invalid: 4

Type: Discrete Range: 0 - 1 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		595	99.2%
1		1	0.2%
Missing value		4	0.7%

## ASMAL\_2: ASM Child 2

Data file: Children's Module

### Overview

Valid: 0 Invalid: 600

Type: Discrete Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Missing value		600	100%

## AMAL: Acute Malnutrition

Data file: Children's Module

### Overview

Valid: 596 Invalid: 4  
Type: Discrete Range: 0 - 1 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		585	97.5%
1		11	1.8%
Missing value		4	0.7%

## AMAL\_2: Acute Malnutrition Child 2

Data file: Children's Module

### Overview

Valid: 0 Invalid: 600  
Type: Discrete Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Missing value		600	100%

## ANEM: Anaemia

Data file: Children's Module

### Overview

Valid: 600 Invalid: 0  
Type: Discrete Range: 0 - 1 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		599	99.8%
1		1	0.2%

## EVERBF: Child ever breastfed

Data file: Children's Module

### Overview

Valid: 260 Invalid: 340

Type: Discrete Range: 1 - 2 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		255	42.5%
2		5	0.8%
Missing value		340	56.7%

## INITBF: How long after birth was child breastfed

Data file: Children's Module

### Overview

Valid: 255 Invalid: 345

Type: Discrete Range: 1 - 8 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		216	36%
2		35	5.8%
8		4	0.7%
Missing value		345	57.5%

## YESTBF: Child breastfed yesterday

Data file: Children's Module

### Overview

Valid: 255 Invalid: 345

Type: Discrete Range: 1 - 2 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		223	37.2%
2		32	5.3%
Missing value		345	57.5%

## WATER: Yesterday drank water

Data file: Children's Module

### Overview

Valid: 260 Invalid: 340

Type: Discrete Range: 1 - 2 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		196	32.7%
2		64	10.7%
Missing value		340	56.7%

## INFORM: Yesterday drank infant formula

Data file: Children's Module

### Overview

Valid: 260 Invalid: 340

Type: Discrete Range: 1 - 8 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		4	0.7%
2		255	42.5%
8		1	0.2%
Missing value		340	56.7%

## MILK: Yesterday drank milk

Data file: Children's Module

### Overview

Valid: 260 Invalid: 340

Type: Discrete Range: 1 - 2 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		6	1%
2		254	42.3%
Missing value		340	56.7%

## JUICE: Yesterday drank juice

Data file: Children's Module

### Overview

Valid: 260 Invalid: 340

Type: Discrete Range: 1 - 2 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		40	6.7%
2		220	36.7%
Missing value		340	56.7%

## BROTH: Yesterday drank clear broth

Data file: Children's Module

### Overview

Valid: 260 Invalid: 340

Type: Discrete Range: 1 - 2 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		86	14.3%



2		174	29%
Missing value		340	56.7%

## YOGURT: Yesterday drank sour milk or yogurt

Data file: Children's Module

### Overview

Valid: 260 Invalid: 340

Type: Discrete Range: 1 - 8 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		9	1.5%
2		250	41.7%
8		1	0.2%
Missing value		340	56.7%

## THINPOR: Yesterday drank thin porridge

Data file: Children's Module

### Overview

Valid: 260 Invalid: 340

Type: Discrete Range: 1 - 2 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		141	23.5%
2		119	19.8%
Missing value		340	56.7%

## WHEACOF: Yesterday drank te or coffee with milk

Data file: Children's Module

### Overview

Valid: 260 Invalid: 340

Type: Discrete Range: 1 - 2 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		10	1.7%
2		250	41.7%
Missing value		340	56.7%

## WATLQD: Yesterday drank other water-based liquids

Data file: Children's Module

### Overview

Valid: 260 Invalid: 340

Type: Discrete Range: 1 - 2 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		9	1.5%
2		251	41.8%
Missing value		340	56.7%

## FOOD: Yesterday ate solid food

Data file: Children's Module

### Overview

Valid: 260 Invalid: 340

Type: Discrete Range: 1 - 2 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		148	24.7%
2		112	18.7%
Missing value		340	56.7%

## BOTTLE: Yesterday drank from bottle

Data file: Children's Module

### Overview

Valid: 260 Invalid: 340

Type: Discrete Range: 1 - 2 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		1	0.2%
2		259	43.2%
Missing value		340	56.7%

## FLESHFD: Yesterday ate meat

Data file: Children's Module

### Overview

Valid: 203 Invalid: 397

Type: Discrete Range: 1 - 2 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		29	4.8%
2		174	29%
Missing value		397	66.2%

## FBF: Yesterday ate fortified-based foods

Data file: Children's Module

### Overview

Valid: 203 Invalid: 397

Type: Discrete Range: 1 - 2 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		33	5.5%

2		170	28.3%
Missing value		397	66.2%

## FBFSUPER: Yeterday at super foods

Data file: Children's Module

### Overview

Valid: 203 Invalid: 397

Type: Discrete Range: 1 - 2 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		149	24.8%
2		54	9%
Missing value		397	66.2%

## RUTF: Yesterday ate ready-to-use therapeutic food (RUTF)

Data file: Children's Module

### Overview

Valid: 203 Invalid: 397

Type: Discrete Range: 2 - 2 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
2		203	33.8%
Missing value		397	66.2%

## RUSF: Yesterday ate ready-to-use supplementary food (RUSF)

Data file: Children's Module

### Overview

Valid: 203 Invalid: 397

Type: Discrete Range: 2 - 2 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2		203	33.8%
Missing value		397	66.2%

## LNS: Yesterday ate lipid-based nutrient supplements (LNS)

Data file: Children's Module

### Overview

Valid: 203 Invalid: 397

Type: Discrete Range: 1 - 2 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		1	0.2%
2		202	33.7%
Missing value		397	66.2%

## INFORMFE: Yesterday ate iron-fortified infant formula

Data file: Children's Module

### Overview

Valid: 203 Invalid: 397

Type: Discrete Range: 2 - 8 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2		202	33.7%
8		1	0.2%
Missing value		397	66.2%

## FOODFE: Yesterday ate any iron-fortified food

Data file: Children's Module

## Overview

Valid: 203 Invalid: 397

Type: Discrete Range: 2 - 2 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2		203	33.8%
Missing value		397	66.2%

## MNP: Yesterday ate micronutrient powder

Data file: Children's Module

## Overview

Valid: 203 Invalid: 397

Type: Discrete Range: 1 - 2 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		3	0.5%
2		200	33.3%
Missing value		397	66.2%

## SURV\_WEIGHT: Design weight

Data file: Children's Module

## Overview

## HHID: HH ID

Data file: Women's Module

### Overview

## LACTATU6: Breastfeeding child under 6 months

Data file: Women's Module

### Overview

Valid: 79 Invalid: 117

Type: Discrete Range: 1 - 2 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		26	13.3%
2		53	27%
Missing value		117	59.7%

## CAMPLABEL\_W: Camp Name

Data file: Women's Module

### Overview

Valid: 196 Invalid: 0

Type: Discrete Range: 1 - 4 Format: Factor

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Mtendeli camp	0	0%
2	Nduta Camp	0	0%
3	Nyarugusu Burundian	0	0%
4	Nyarugusu Congolese	196	100%

## WMID: Woman ID within family

Data file: Women's Module

## Overview

### WMCONST: Consent to conduct interview

Data file: Women's Module

#### Overview

Valid: 196 Invalid: 0

Type: Discrete Range: 1 - 1 Format: Integer

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		196	100%

### WMAGE: Age group

Data file: Women's Module

#### Overview

### PREGNANT: Pregnant

Data file: Women's Module

#### Overview

Valid: 196 Invalid: 0

Type: Discrete Range: 1 - 2 Format: Integer

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		26	13.3%
2		170	86.7%

### ANC: Antenatal care (ANC) programme

Data file: Women's Module

#### Overview

Valid: 26 Invalid: 170

Type: Discrete Range: 1 - 2 Format: Integer



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		23	11.7%
2		3	1.5%
Missing value		170	86.7%

## FEREC: Receiving iron-folate pills

Data file: Women's Module

### Overview

Valid: 26 Invalid: 170

Type: Discrete Range: 1 - 2 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		23	11.7%
2		3	1.5%
Missing value		170	86.7%

## LACTAT: Breastfeeding

Data file: Women's Module

### Overview

Valid: 196 Invalid: 0

Type: Discrete Range: 1 - 2 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		79	40.3%
2		117	59.7%

## WMBSFP: Enrolled in the Blanket Supplementary Feeding Program

Data file: Women's Module

## Overview

Valid: 52 Invalid: 144

Type: Discrete Range: 1 - 2 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		49	25%
2		3	1.5%
Missing value		144	73.5%

## RECEIVE\_BSFP: Received Blanket Supplementary Feeding Program

Data file: Women's Module

## Overview

Valid: 49 Invalid: 147

Type: Discrete Range: 1 - 1 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		49	25%
Missing value		147	75%

## BSFP\_LAST: Last Distribution of BSFP

Data file: Women's Module

## Overview

Valid: 49 Invalid: 147

Type: Discrete Range: 0 - 56 Format: Integer

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1	0.5%
3		1	0.5%
5		1	0.5%
14		2	1%

17		1	0.5%
21		4	2%
28		2	1%
30		11	5.6%
32		1	0.5%
40		3	1.5%
41		1	0.5%
42		6	3.1%
44		1	0.5%
45		1	0.5%
48		1	0.5%
49		2	1%
50		1	0.5%
56		9	4.6%
Missing value		147	75%

## FAMILY\_CSB: Family ratio receives Corn Soy Blend

Data file: Women's Module

### Overview

Valid: 49 Invalid: 147

Type: Discrete Range: 1 - 2 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		34	17.3%
2		15	7.7%
Missing value		147	75%

## WMMUAC\_IN: MUAC in inches

Data file: Women's Module

### Overview

Valid: 195 Invalid: 1 Mean: 28.12 Standard deviation: 3.67

Type: Continuous Range: 18 - 39.3 Format: Numeric

## WMMUAC: MUAC in mm ( $\pm 1$ mm) or cm ( $\pm 0.1$ cm)

Data file: Women's Module

### Overview

Valid: 195 Invalid: 1  
Type: Discrete Range: 180 - 393 Format: Integer

## WMHB\_GDL: Haemoglobin in g/dL ( $\pm 1$ g/L)

Data file: Women's Module

### Overview

Valid: 170 Invalid: 26 Mean: 12.98 Standard deviation: 1.45  
Type: Continuous Range: 8.2 - 18 Format: Numeric

## CUTOFF: Cut Off value for Haemoglobin g/dL

Data file: Women's Module

### Overview

Valid: 170 Invalid: 26 Mean: -0.2 Standard deviation: 0  
Type: Continuous Range: -0.2 - -0.2 Format: Numeric

## WMHB: Haemoglobin in g/L ( $\pm 1$ g/L)

Data file: Women's Module

### Overview

Valid: 170 Invalid: 26 Mean: 12.78 Standard deviation: 1.45  
Type: Continuous Range: 8 - 17.8 Format: Numeric

## WMREFMAL: Referral for malnutrition

Data file: Women's Module

### Overview

Valid: 104 Invalid: 92  
Type: Discrete Range: 0 - 1 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		100	51%
1		4	2%
Missing value		92	46.9%

## WMREFAN: Referral for severe anaemia

Data file: Women's Module

### Overview

Valid: 170 Invalid: 26

Type: Discrete Range: 0 - 1 Format: Integer

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		169	86.2%
1		1	0.5%
Missing value		26	13.3%

## SURV\_WEIGHT: Design weight

Data file: Women's Module

### Overview