

## Weight-for-Height Classification for Malnutrition at Inshuti Mu Buzima, Rwanda

References are used to standardize a child's measurement by comparing the child's measurement with the median or average measure for children at the same age and sex, expressed as a percentage.

	Moderate Malnutrition (Ambulatory)	Severe Malnutrition (Hospitalization)
Symmetrical Edema	No	Yes
Weight-for-Height (cm)	70%-80%	<70%

Height	Boys			
	Median	90%	80%	70%
49	3.1	2.8	2.5	2.2
50	3.3	3.0	2.6	2.3
51	3.5	3.2	2.8	2.5
52	3.7	3.3	3.0	2.6
53	3.9	3.5	3.1	2.7
54	4.1	3.7	3.3	2.9
55	4.3	3.9	3.4	3.0
56	4.6	4.1	3.7	3.2
57	4.8	4.3	3.8	3.4
58	5.1	4.6	4.1	3.6
59	5.4	4.9	4.3	3.8
60	5.7	5.1	4.6	4.0
61	5.9	5.3	4.7	4.1
62	6.2	5.6	5.0	4.3
63	6.5	5.9	5.2	4.6
64	6.8	6.1	5.4	4.8
65	7.1	6.4	5.7	5.0
66	7.4	6.7	5.9	5.2
67	7.7	6.9	6.2	5.4
68	8	7.2	6.4	5.6
69	8.3	7.5	6.6	5.8
70	8.5	7.7	6.8	6.0
71	8.8	7.9	7.0	6.2
72	9.1	8.2	7.3	6.4
73	9.3	8.4	7.4	6.5
74	9.6	8.6	7.7	6.7
75	9.8	8.8	7.8	6.9
76	10	9.0	8.0	7.0
77	10.3	9.3	8.2	7.2
78	10.5	9.5	8.4	7.4
79	10.7	9.6	8.6	7.5
80	10.9	9.8	8.7	7.6
81	11.1	10.0	8.9	7.8
82	11.3	10.2	9.0	7.9
83	11.5	10.4	9.2	8.1
84	11.7	10.5	9.4	8.2

Height	Girls			
	Median	90%	80%	70%
49	3.3	3.0	2.6	2.3
50	3.4	3.1	2.7	2.4
51	3.5	3.2	2.8	2.5
52	3.7	3.3	3.0	2.6
53	3.9	3.5	3.1	2.7
54	4.1	3.7	3.3	2.9
55	4.3	3.9	3.4	3.0
56	4.5	4.1	3.6	3.2
57	4.8	4.3	3.8	3.4
58	5	4.5	4.0	3.5
59	5.3	4.8	4.2	3.7
60	5.5	5.0	4.4	3.9
61	5.8	5.2	4.6	4.1
62	6.1	5.5	4.9	4.3
63	6.4	5.8	5.1	4.5
64	6.7	6.0	5.4	4.7
65	7	6.3	5.6	4.9
66	7.3	6.6	5.8	5.1
67	7.5	6.8	6.0	5.3
68	7.8	7.0	6.2	5.5
69	8.1	7.3	6.5	5.7
70	8.4	7.6	6.7	5.9
71	8.6	7.7	6.9	6.0
72	8.9	8.0	7.1	6.2
73	9.1	8.2	7.3	6.4
74	9.4	8.5	7.5	6.6
75	9.6	8.6	7.7	6.7
76	9.8	8.8	7.8	6.9
77	10	9.0	8.0	7.0
78	10.2	9.2	8.2	7.1
79	10.4	9.4	8.3	7.3
80	10.6	9.5	8.5	7.4
81	10.8	9.7	8.6	7.6
82	11	9.9	8.8	7.7
83	11.2	10.1	9.0	7.8
84	11.4	10.3	9.1	8.0

Height	Boys			
	Median	90%	80%	70%
85	12.1	10.9	9.7	8.5
86	12.3	11.1	9.8	8.6
87	12.6	11.3	10.1	8.8
88	12.8	11.5	10.2	9.0
89	13	11.7	10.4	9.1
90	13.3	12.0	10.6	9.3
91	13.5	12.2	10.8	9.5
92	13.7	12.3	11.0	9.6
93	14	12.6	11.2	9.8
94	14.2	12.8	11.4	9.9
95	14.5	13.1	11.6	10.2
96	14.7	13.2	11.8	10.3
97	15	13.5	12.0	10.5
98	15.2	13.7	12.2	10.6
99	15.5	14.0	12.4	10.9
100	15.7	14.1	12.6	11.0
101	16	14.4	12.8	11.2
102	16.3	14.7	13.0	11.4
103	16.6	14.9	13.3	11.6
104	16.9	15.2	13.5	11.8
105	17.1	15.4	13.7	12.0
106	17.4	15.7	13.9	12.2
107	17.7	15.9	14.2	12.4
108	18	16.2	14.4	12.6
109	18.3	16.5	14.6	12.8
110	18.7	16.8	15.0	13.1
111	19	17.1	15.2	13.3
112	19.3	17.4	15.4	13.5
113	19.6	17.6	15.7	13.7
114	20	18.0	16.0	14.0
115	20.3	18.3	16.2	14.2
116	20.7	18.6	16.6	14.5
117	21.1	19.0	16.9	14.8
118	21.4	19.3	17.1	15.0
119	21.8	19.6	17.4	15.3
120	22.2	20.0	17.8	15.5
121	22.6	20.3	18.1	15.8
122	23	20.7	18.4	16.1
123	23.4	21.1	18.7	16.4
124	23.9	21.5	19.1	16.7
125	24.3	21.9	19.4	17.0
126	24.8	22.3	19.8	17.4
127	25.2	22.7	20.2	17.6
128	25.7	23.1	20.6	18.0
129	26.2	23.6	21.0	18.3
130	26.8	24.1	21.4	18.8

Height	Girls			
	Median	90%	80%	70%
85	11.8	10.6	9.4	8.3
86	12	10.8	9.6	8.4
87	12.3	11.1	9.8	8.6
88	12.5	11.3	10.0	8.8
89	12.7	11.4	10.2	8.9
90	12.9	11.6	10.3	9.0
91	13.2	11.9	10.6	9.2
92	13.4	12.1	10.7	9.4
93	13.6	12.2	10.9	9.5
94	13.9	12.5	11.1	9.7
95	14.1	12.7	11.3	9.9
96	14.3	12.9	11.4	10.0
97	14.6	13.1	11.7	10.2
98	14.9	13.4	11.9	10.4
99	15.1	13.6	12.1	10.6
100	15.4	13.9	12.3	10.8
101	15.6	14.0	12.5	10.9
102	15.9	14.3	12.7	11.1
103	16.2	14.6	13.0	11.3
104	16.5	14.9	13.2	11.6
105	16.7	15.0	13.4	11.7
106	17	15.3	13.6	11.9
107	17.3	15.6	13.8	12.1
108	17.6	15.8	14.1	12.3
109	17.9	16.1	14.3	12.5
110	18.2	16.4	14.6	12.7
111	18.6	16.7	14.9	13.0
112	18.9	17.0	15.1	13.2
113	19.2	17.3	15.4	13.4
114	19.5	17.6	15.6	13.7
115	19.9	17.9	15.9	13.9
116	20.3	18.3	16.2	14.2
117	20.6	18.5	16.5	14.4
118	21	18.9	16.8	14.7
119	21.4	19.3	17.1	15.0
120	21.8	19.6	17.4	15.3
121	22.2	20.0	17.8	15.5
122	22.7	20.4	18.2	15.9
123	23.1	20.8	18.5	16.2
124	23.6	21.2	18.9	16.5
125	24.1	21.7	19.3	16.9
126	24.6	22.1	19.7	17.2
127	25.1	22.6	20.1	17.6
128	25.7	23.1	20.6	18.0
129	26.2	23.6	21.0	18.3
130	26.8	24.1	21.4	18.8