

WHZ WHO 2006 Tables

WHO 2006 new references in Z-score

BOYS				Weight for Length (Lying down)					GIRLS
- 3	- 2	- 1	Median	cm	Median	- 1	- 2	- 3	
1.9	2.0	2.2	2.4	45	2.5	2.3	2.1	1.9	
1.9	2.1	2.3	2.5	45.5	2.5	2.3	2.1	2.0	
2.0	2.2	2.4	2.6	46	2.6	2.4	2.2	2.0	
2.1	2.3	2.5	2.7	46.5	2.7	2.5	2.3	2.1	
2.1	2.3	2.5	2.8	47	2.8	2.6	2.4	2.2	
2.2	2.4	2.6	2.9	47.5	2.9	2.6	2.4	2.2	
2.3	2.5	2.7	2.9	48	3.0	2.7	2.5	2.3	
2.3	2.6	2.8	3.0	48.5	3.1	2.8	2.6	2.4	
2.4	2.6	2.9	3.1	49	3.2	2.9	2.6	2.4	
2.5	2.7	3.0	3.2	49.5	3.3	3.0	2.7	2.5	
2.6	2.8	3.0	3.3	50	3.4	3.1	2.8	2.6	
2.7	2.9	3.1	3.4	50.5	3.5	3.2	2.9	2.7	
2.7	3.0	3.2	3.5	51	3.6	3.3	3.0	2.8	
2.8	3.1	3.3	3.6	51.5	3.7	3.4	3.1	2.8	
2.9	3.2	3.5	3.8	52	3.8	3.5	3.2	2.9	
3.0	3.3	3.6	3.9	52.5	3.9	3.6	3.3	3.0	
3.1	3.4	3.7	4.0	53	4.0	3.7	3.4	3.1	
3.2	3.5	3.8	4.1	53.5	4.2	3.8	3.5	3.2	
3.3	3.6	3.9	4.3	54	4.3	3.9	3.6	3.3	
3.4	3.7	4.0	4.4	54.5	4.4	4.0	3.7	3.4	
3.6	3.8	4.2	4.5	55	4.5	4.2	3.8	3.5	
3.7	4.0	4.3	4.7	55.5	4.7	4.3	3.9	3.6	
3.8	4.1	4.4	4.8	56	4.8	4.4	4.0	3.7	
3.9	4.2	4.6	5.0	56.5	5.0	4.5	4.1	3.8	
4.0	4.3	4.7	5.1	57	5.1	4.6	4.3	3.9	
4.1	4.5	4.9	5.3	57.5	5.2	4.8	4.4	4.0	
4.3	4.6	5.0	5.4	58	5.4	4.9	4.5	4.1	
4.4	4.7	5.1	5.6	58.5	5.5	5.0	4.6	4.2	
4.5	4.8	5.3	5.7	59	5.6	5.1	4.7	4.3	
4.6	5.0	5.4	5.9	59.5	5.7	5.3	4.8	4.4	
4.7	5.1	5.5	6.0	60	5.9	5.4	4.9	4.5	
4.8	5.2	5.6	6.1	60.5	6.0	5.5	5.0	4.6	
4.9	5.3	5.8	6.3	61	6.1	5.6	5.1	4.7	
5.0	5.4	5.9	6.4	61.5	6.3	5.7	5.2	4.8	
5.1	5.6	6.0	6.5	62	6.4	5.8	5.3	4.9	
5.2	5.7	6.1	6.7	62.5	6.5	5.9	5.4	5.0	
5.3	5.8	6.2	6.8	63	6.6	6.0	5.5	5.1	
5.4	5.9	6.4	6.9	63.5	6.7	6.2	5.6	5.2	
5.5	6.0	6.5	7.0	64	6.9	6.3	5.7	5.3	
5.6	6.1	6.6	7.1	64.5	7.0	6.4	5.8	5.4	
5.7	6.2	6.7	7.3	65	7.1	6.5	5.9	5.5	
5.8	6.3	6.8	7.4	65.5	7.2	6.6	6.0	5.5	
5.9	6.4	6.9	7.5	66	7.3	6.7	6.1	5.6	
6.0	6.5	7.0	7.6	66.5	7.4	6.8	6.2	5.7	
6.1	6.6	7.1	7.7	67	7.5	6.9	6.3	5.8	
6.2	6.7	7.2	7.9	67.5	7.6	7.0	6.4	5.9	
6.3	6.8	7.3	8.0	68	7.7	7.1	6.5	6.0	
6.4	6.9	7.5	8.1	68.5	7.9	7.2	6.6	6.1	
6.5	7.0	7.6	8.2	69	8.0	7.3	6.7	6.1	
6.6	7.1	7.7	8.3	69.5	8.1	7.4	6.8	6.2	
6.6	7.2	7.8	8.4	70	8.2	7.5	6.9	6.3	
6.7	7.3	7.9	8.5	70.5	8.3	7.6	6.9	6.4	
6.8	7.4	8.0	8.6	71	8.4	7.7	7.0	6.5	
6.9	7.5	8.1	8.8	71.5	8.5	7.7	7.1	6.5	
7.0	7.6	8.2	8.9	72	8.6	7.8	7.2	6.6	
7.1	7.6	8.3	9.0	72.5	8.7	7.9	7.3	6.7	
7.2	7.7	8.4	9.1	73	8.8	8.0	7.4	6.8	
7.2	7.8	8.5	9.2	73.5	8.9	8.1	7.4	6.9	
7.3	7.9	8.6	9.3	74	9.0	8.2	7.5	6.9	
7.4	8.0	8.7	9.4	74.5	9.1	8.3	7.6	7.0	

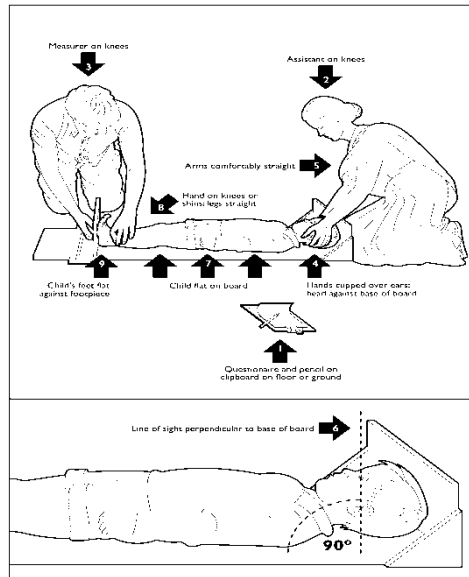
WHO 2006 new references in Z-score

BOYS

Weight for Length (Lying down)

GIRLS

- 3	- 2	-1	Median	cm	Median	- 1	- 2	- 3
7.5	8.1	8.8	9.5	75	9.1	8.4	7.7	7.1
7.6	8.2	8.8	9.6	75.5	9.2	8.5	7.8	7.1
7.6	8.3	8.9	9.7	76	9.3	8.5	7.8	7.2
7.7	8.3	9.0	9.8	76.5	9.4	8.6	7.9	7.3
7.8	8.4	9.1	9.9	77	9.5	8.7	8.0	7.4
7.9	8.5	9.2	10.0	77.5	9.6	8.8	8.1	7.4
7.9	8.6	9.3	10.1	78	9.7	8.9	8.2	7.5
8.0	8.7	9.4	10.2	78.5	9.8	9.0	8.2	7.6
8.1	8.7	9.5	10.3	79	9.9	9.1	8.3	7.7
8.2	8.8	9.5	10.4	79.5	10.0	9.1	8.4	7.7
8.2	8.9	9.6	10.4	80	10.1	9.2	8.5	7.8
8.3	9.0	9.7	10.5	80.5	10.2	9.3	8.6	7.9
8.4	9.1	9.8	10.6	81	10.3	9.4	8.7	8.0
8.5	9.1	9.9	10.7	81.5	10.4	9.5	8.8	8.1
8.5	9.2	10.0	10.8	82	10.5	9.6	8.8	8.1
8.6	9.3	10.1	10.9	82.5	10.6	9.7	8.9	8.2
8.7	9.4	10.2	11.0	83	10.7	9.8	9.0	8.3
8.8	9.5	10.3	11.2	83.5	10.9	9.9	9.1	8.4
8.9	9.6	10.4	11.3	84	11.0	10.1	9.2	8.5
9.0	9.7	10.5	11.4	84.5	11.1	10.2	9.3	8.6
9.1	9.8	10.6	11.5	85	11.2	10.3	9.4	8.7
9.2	9.9	10.7	11.6	85.5	11.3	10.4	9.5	8.8
9.3	10.0	10.8	11.7	86	11.5	10.5	9.7	8.9
9.4	10.1	11.0	11.9	86.5	11.6	10.6	9.8	9.0



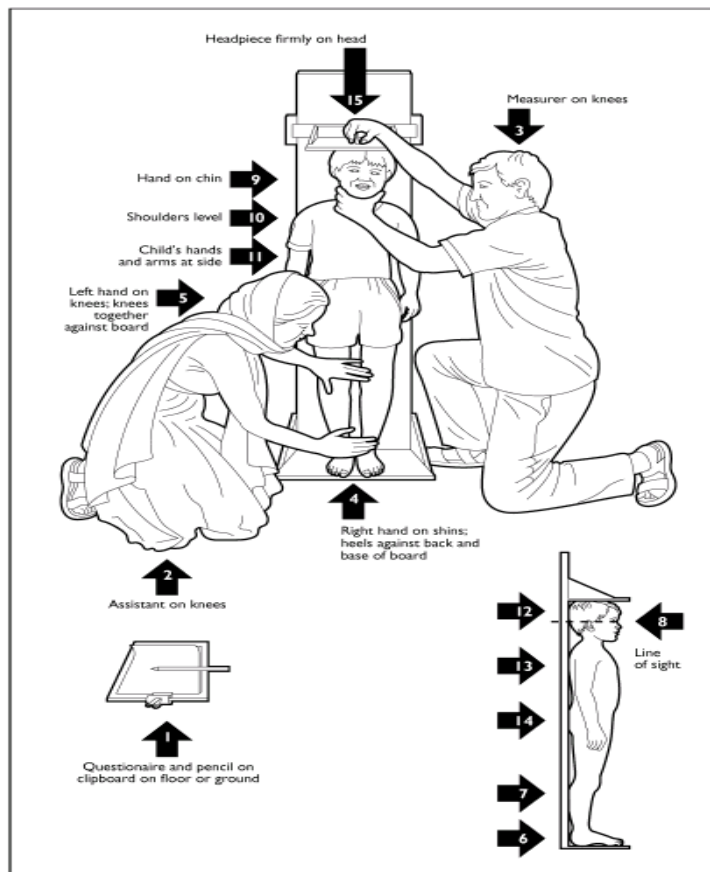
Source: How to Weigh and Measure Children: Assessing the Nutritional Status of Young Children, United Nations, 1986.

WHO 2006 new references in Z-score

BOYS				Weight for Height (Standing up)					GIRLS
- 3	- 2	- 1	Median	cm	Median	- 1	- 2	- 3	
9.6	10.4	11.2	12.2	87	11.9	10.9	10.0	9.2	
9.7	10.5	11.3	12.3	87.5	12.0	11.0	10.1	9.3	
9.8	10.6	11.5	12.4	88	12.1	11.1	10.2	9.4	
9.9	10.7	11.6	12.5	88.5	12.3	11.2	10.3	9.5	
10.0	10.8	11.7	12.6	89	12.4	11.4	10.4	9.6	
10.1	10.9	11.8	12.8	89.5	12.5	11.5	10.5	9.7	
10.2	11.0	11.9	12.9	90	12.6	11.6	10.6	9.8	
10.3	11.1	12.0	13.0	90.5	12.8	11.7	10.7	9.9	
10.4	11.2	12.1	13.1	91	12.9	11.8	10.9	10.0	
10.5	11.3	12.2	13.2	91.5	13.0	11.9	11.0	10.1	
10.6	11.4	12.3	13.4	92	13.1	12.0	11.1	10.2	
10.7	11.5	12.4	13.5	92.5	13.3	12.1	11.2	10.3	
10.8	11.6	12.6	13.6	93	13.4	12.3	11.3	10.4	
10.9	11.7	12.7	13.7	93.5	13.5	12.4	11.4	10.5	
11.0	11.8	12.8	13.8	94	13.6	12.5	11.5	10.6	
11.1	11.9	12.9	13.9	94.5	13.8	12.6	11.6	10.7	
11.1	12.0	13.0	14.1	95	13.9	12.7	11.7	10.8	
11.2	12.1	13.1	14.2	95.5	14.0	12.8	11.8	10.8	
11.3	12.2	13.2	14.3	96	14.1	12.9	11.9	10.9	
11.4	12.3	13.3	14.4	96.5	14.3	13.1	12.0	11.0	
11.5	12.4	13.4	14.6	97	14.4	13.2	12.1	11.1	
11.6	12.5	13.6	14.7	97.5	14.5	13.3	12.2	11.2	
11.7	12.6	13.7	14.8	98	14.7	13.4	12.3	11.3	
11.8	12.8	13.8	14.9	98.5	14.8	13.5	12.4	11.4	
11.9	12.9	13.9	15.1	99	14.9	13.7	12.5	11.5	
12.0	13.0	14.0	15.2	99.5	15.1	13.8	12.7	11.6	
12.1	13.1	14.2	15.4	100	15.2	13.9	12.8	11.7	
12.2	13.2	14.3	15.5	100.5	15.4	14.1	12.9	11.9	
12.3	13.3	14.4	15.6	101	15.5	14.2	13.0	12.0	
12.4	13.4	14.5	15.8	101.5	15.7	14.3	13.1	12.1	
12.5	13.6	14.7	15.9	102	15.8	14.5	13.3	12.2	
12.6	13.7	14.8	16.1	102.5	16.0	14.6	13.4	12.3	
12.8	13.8	14.9	16.2	103	16.1	14.7	13.5	12.4	
12.9	13.9	15.1	16.4	103.5	16.3	14.9	13.6	12.5	
13.0	14.0	15.2	16.5	104	16.4	15.0	13.8	12.6	
13.1	14.2	15.4	16.7	104.5	16.6	15.2	13.9	12.8	
13.2	14.3	15.5	16.8	105	16.8	15.3	14.0	12.9	
13.3	14.4	15.6	17.0	105.5	16.9	15.5	14.2	13.0	
13.4	14.5	15.8	17.2	106	17.1	15.6	14.3	13.1	
13.5	14.7	15.9	17.3	106.5	17.3	15.8	14.5	13.3	
13.7	14.8	16.1	17.5	107	17.5	15.9	14.6	13.4	
13.8	14.9	16.2	17.7	107.5	17.7	16.1	14.7	13.5	
13.9	15.1	16.4	17.8	108	17.8	16.3	14.9	13.7	
14.0	15.2	16.5	18.0	108.5	18.0	16.4	15.0	13.8	
14.1	15.3	16.7	18.2	109	18.2	16.6	15.2	13.9	
14.3	15.5	16.8	18.3	109.5	18.4	16.8	15.4	14.1	
14.4	15.6	17.0	18.5	110	18.6	17.0	15.5	14.2	
14.5	15.8	17.1	18.7	110.5	18.8	17.1	15.7	14.4	
14.6	15.9	17.3	18.9	111	19.0	17.3	15.8	14.5	
14.8	16.0	17.5	19.1	111.5	19.2	17.5	16.0	14.7	
14.9	16.2	17.6	19.2	112	19.4	17.7	16.2	14.8	
15.0	16.3	17.8	19.4	112.5	19.6	17.9	16.3	15.0	
15.2	16.5	18.0	19.6	113	19.8	18.0	16.5	15.1	
15.3	16.6	18.1	19.8	113.5	20.0	18.2	16.7	15.3	
15.4	16.8	18.3	20.0	114	20.2	18.4	16.8	15.4	
15.6	16.9	18.5	20.2	114.5	20.5	18.6	17.0	15.6	

WHO 2006 new references in Z-score

Weight for Height (Standing up)								
- 3	- 2	- 1	Median	cm	Median	- 1	- 2	- 3
15.7	17.1	18.6	20.4	115	20.7	18.8	17.2	15.7
15.8	17.2	18.8	20.6	115.5	20.9	19.0	17.3	15.9
16.0	17.4	19.0	20.8	116	21.1	19.2	17.5	16.0
16.1	17.5	19.2	21.0	116.5	21.3	19.4	17.7	16.2
16.2	17.7	19.3	21.2	117	21.5	19.6	17.8	16.3
16.4	17.9	19.5	21.4	117.5	21.7	19.8	18.0	16.5
16.5	18.0	19.7	21.6	118	22.0	19.9	18.2	16.6
16.7	18.2	19.9	21.8	118.5	22.2	20.1	18.4	16.8
16.8	18.3	20.0	22.0	119	22.4	20.3	18.5	16.9
16.9	18.5	20.2	22.2	119.5	22.6	20.5	18.7	17.1
17.1	18.6	20.4	22.4	120	22.8	20.7	18.9	17.3



Source: How to Weigh and Measure Children: Assessing the Nutritional Status of Young Children, United Nations, 1986.