


## Simplified field tables

Height-for-age BOYS 5 to 19 years (z-scores)		 <b>World Health Organization</b>						
Year: Month	Months	-3 SD	-2 SD	-1 SD	Median	1 SD	2 SD	3 SD
5: 1	61	96.5	101.1	105.7	110.3	114.9	119.4	124.0
5: 2	62	96.9	101.6	106.2	110.8	115.4	120.0	124.7
5: 3	63	97.4	102.0	106.7	111.3	116.0	120.6	125.3
5: 4	64	97.8	102.5	107.2	111.9	116.5	121.2	125.9
5: 5	65	98.2	103.0	107.7	112.4	117.1	121.8	126.5
5: 6	66	98.7	103.4	108.2	112.9	117.7	122.4	127.1
5: 7	67	99.1	103.9	108.7	113.4	118.2	123.0	127.8
5: 8	68	99.5	104.3	109.1	113.9	118.7	123.6	128.4
5: 9	69	99.9	104.8	109.6	114.5	119.3	124.1	129.0
5: 10	70	100.4	105.2	110.1	115.0	119.8	124.7	129.6
5: 11	71	100.8	105.7	110.6	115.5	120.4	125.2	130.1
6: 0	72	101.2	106.1	111.0	116.0	120.9	125.8	130.7
6: 1	73	101.6	106.5	111.5	116.4	121.4	126.4	131.3
6: 2	74	102.0	107.0	111.9	116.9	121.9	126.9	131.9
6: 3	75	102.4	107.4	112.4	117.4	122.4	127.5	132.5
6: 4	76	102.8	107.8	112.9	117.9	123.0	128.0	133.0
6: 5	77	103.2	108.2	113.3	118.4	123.5	128.5	133.6
6: 6	78	103.6	108.7	113.8	118.9	124.0	129.1	134.2
6: 7	79	103.9	109.1	114.2	119.4	124.5	129.6	134.8
6: 8	80	104.3	109.5	114.7	119.8	125.0	130.2	135.3
6: 9	81	104.7	109.9	115.1	120.3	125.5	130.7	135.9
6: 10	82	105.1	110.3	115.6	120.8	126.0	131.2	136.5
6: 11	83	105.5	110.8	116.0	121.3	126.5	131.8	137.0
7: 0	84	105.9	111.2	116.4	121.7	127.0	132.3	137.6
7: 1	85	106.3	111.6	116.9	122.2	127.5	132.8	138.2
7: 2	86	106.6	112.0	117.3	122.7	128.0	133.4	138.7
7: 3	87	107.0	112.4	117.8	123.1	128.5	133.9	139.3
7: 4	88	107.4	112.8	118.2	123.6	129.0	134.4	139.8
7: 5	89	107.8	113.2	118.6	124.1	129.5	134.9	140.4
7: 6	90	108.1	113.6	119.1	124.5	130.0	135.5	140.9

**Height-for-age BOYS  
5 to 19 years (z-scores)**



**World Health  
Organization**

Year: Month	Months	-3 SD	-2 SD	-1 SD	Median	1 SD	2 SD	3 SD
7: 7	91	108.5	114.0	119.5	125.0	130.5	136.0	141.5
7: 8	92	108.9	114.4	119.9	125.5	131.0	136.5	142.0
7: 9	93	109.2	114.8	120.4	125.9	131.5	137.0	142.6
7: 10	94	109.6	115.2	120.8	126.4	132.0	137.5	143.1
7: 11	95	110.0	115.6	121.2	126.8	132.4	138.1	143.7
8: 0	96	110.3	116.0	121.6	127.3	132.9	138.6	144.2
8: 1	97	110.7	116.4	122.0	127.7	133.4	139.1	144.7
8: 2	98	111.0	116.7	122.5	128.2	133.9	139.6	145.3
8: 3	99	111.4	117.1	122.9	128.6	134.3	140.1	145.8
8: 4	100	111.7	117.5	123.3	129.0	134.8	140.6	146.4
8: 5	101	112.1	117.9	123.7	129.5	135.3	141.1	146.9
8: 6	102	112.4	118.3	124.1	129.9	135.8	141.6	147.4
8: 7	103	112.8	118.7	124.5	130.4	136.2	142.1	148.0
8: 8	104	113.1	119.0	124.9	130.8	136.7	142.6	148.5
8: 9	105	113.5	119.4	125.3	131.3	137.2	143.1	149.0
8: 10	106	113.8	119.8	125.7	131.7	137.6	143.6	149.5
8: 11	107	114.2	120.2	126.1	132.1	138.1	144.1	150.1
9: 0	108	114.5	120.5	126.6	132.6	138.6	144.6	150.6
9: 1	109	114.9	120.9	127.0	133.0	139.0	145.1	151.1
9: 2	110	115.2	121.3	127.4	133.4	139.5	145.6	151.7
9: 3	111	115.6	121.7	127.8	133.9	140.0	146.1	152.2
9: 4	112	115.9	122.0	128.2	134.3	140.4	146.6	152.7
9: 5	113	116.3	122.4	128.6	134.7	140.9	147.1	153.2
9: 6	114	116.6	122.8	129.0	135.2	141.4	147.6	153.8
9: 7	115	116.9	123.2	129.4	135.6	141.8	148.1	154.3
9: 8	116	117.3	123.5	129.8	136.1	142.3	148.6	154.8
9: 9	117	117.6	123.9	130.2	136.5	142.8	149.1	155.3
9: 10	118	118.0	124.3	130.6	136.9	143.2	149.5	155.9
9: 11	119	118.3	124.7	131.0	137.3	143.7	150.0	156.4
10: 0	120	118.7	125.0	131.4	137.8	144.2	150.5	156.9

**Height-for-age BOYS  
5 to 19 years (z-scores)**



**World Health  
Organization**

Year: Month	Months	-3 SD	-2 SD	-1 SD	Median	1 SD	2 SD	3 SD
10: 1	121	119.0	125.4	131.8	138.2	144.6	151.0	157.4
10: 2	122	119.3	125.8	132.2	138.6	145.1	151.5	157.9
10: 3	123	119.7	126.2	132.6	139.1	145.5	152.0	158.5
10: 4	124	120.0	126.5	133.0	139.5	146.0	152.5	159.0
10: 5	125	120.4	126.9	133.4	140.0	146.5	153.0	159.5
10: 6	126	120.7	127.3	133.8	140.4	146.9	153.5	160.1
10: 7	127	121.1	127.7	134.3	140.8	147.4	154.0	160.6
10: 8	128	121.4	128.1	134.7	141.3	147.9	154.5	161.1
10: 9	129	121.8	128.5	135.1	141.7	148.4	155.0	161.7
10: 10	130	122.2	128.8	135.5	142.2	148.9	155.5	162.2
10: 11	131	122.5	129.2	135.9	142.7	149.4	156.1	162.8
11: 0	132	122.9	129.7	136.4	143.1	149.8	156.6	163.3
11: 1	133	123.3	130.1	136.8	143.6	150.3	157.1	163.9
11: 2	134	123.7	130.5	137.3	144.1	150.8	157.6	164.4
11: 3	135	124.1	130.9	137.7	144.5	151.3	158.2	165.0
11: 4	136	124.5	131.3	138.2	145.0	151.9	158.7	165.6
11: 5	137	124.9	131.7	138.6	145.5	152.4	159.3	166.1
11: 6	138	125.3	132.2	139.1	146.0	152.9	159.8	166.7
11: 7	139	125.7	132.6	139.6	146.5	153.4	160.4	167.3
11: 8	140	126.1	133.1	140.0	147.0	154.0	160.9	167.9
11: 9	141	126.5	133.5	140.5	147.5	154.5	161.5	168.5
11: 10	142	126.9	134.0	141.0	148.0	155.0	162.1	169.1
11: 11	143	127.4	134.4	141.5	148.5	155.6	162.7	169.7
12: 0	144	127.8	134.9	142.0	149.1	156.2	163.3	170.3
12: 1	145	128.3	135.4	142.5	149.6	156.7	163.9	171.0
12: 2	146	128.7	135.9	143.0	150.2	157.3	164.5	171.6
12: 3	147	129.2	136.4	143.6	150.7	157.9	165.1	172.2
12: 4	148	129.7	136.9	144.1	151.3	158.5	165.7	172.9
12: 5	149	130.2	137.4	144.6	151.9	159.1	166.3	173.6
12: 6	150	130.7	137.9	145.2	152.4	159.7	167.0	174.2

**Height-for-age BOYS  
5 to 19 years (z-scores)**



**World Health  
Organization**

Year: Month	Months	-3 SD	-2 SD	-1 SD	Median	1 SD	2 SD	3 SD
12: 7	151	131.2	138.5	145.7	153.0	160.3	167.6	174.9
12: 8	152	131.7	139.0	146.3	153.6	160.9	168.3	175.6
12: 9	153	132.2	139.5	146.9	154.2	161.6	168.9	176.3
12: 10	154	132.7	140.1	147.5	154.8	162.2	169.6	176.9
12: 11	155	133.2	140.6	148.0	155.4	162.8	170.2	177.6
13: 0	156	133.8	141.2	148.6	156.0	163.5	170.9	178.3
13: 1	157	134.3	141.7	149.2	156.7	164.1	171.6	179.0
13: 2	158	134.8	142.3	149.8	157.3	164.7	172.2	179.7
13: 3	159	135.4	142.9	150.4	157.9	165.4	172.9	180.4
13: 4	160	135.9	143.4	151.0	158.5	166.0	173.5	181.1
13: 5	161	136.4	144.0	151.5	159.1	166.6	174.2	181.8
13: 6	162	137.0	144.5	152.1	159.7	167.3	174.8	182.4
13: 7	163	137.5	145.1	152.7	160.3	167.9	175.5	183.1
13: 8	164	138.0	145.7	153.3	160.9	168.5	176.1	183.7
13: 9	165	138.6	146.2	153.8	161.5	169.1	176.7	184.4
13: 10	166	139.1	146.7	154.4	162.1	169.7	177.4	185.0
13: 11	167	139.6	147.3	154.9	162.6	170.3	178.0	185.6
14: 0	168	140.1	147.8	155.5	163.2	170.9	178.6	186.3
14: 1	169	140.6	148.3	156.0	163.7	171.4	179.1	186.9
14: 2	170	141.1	148.8	156.5	164.3	172.0	179.7	187.4
14: 3	171	141.6	149.3	157.1	164.8	172.5	180.3	188.0
14: 4	172	142.1	149.8	157.6	165.3	173.1	180.8	188.6
14: 5	173	142.5	150.3	158.1	165.8	173.6	181.3	189.1
14: 6	174	143.0	150.8	158.5	166.3	174.1	181.8	189.6
14: 7	175	143.4	151.2	159.0	166.8	174.6	182.3	190.1
14: 8	176	143.9	151.7	159.5	167.2	175.0	182.8	190.6
14: 9	177	144.3	152.1	159.9	167.7	175.5	183.3	191.1
14: 10	178	144.7	152.5	160.3	168.1	175.9	183.7	191.5
14: 11	179	145.1	152.9	160.7	168.5	176.3	184.1	191.9
15: 0	180	145.5	153.4	161.2	169.0	176.8	184.6	192.4

**Height-for-age BOYS  
5 to 19 years (z-scores)**



**World Health  
Organization**

Year: Month	Months	-3 SD	-2 SD	-1 SD	Median	1 SD	2 SD	3 SD
15: 1	181	145.9	153.7	161.5	169.4	177.2	185.0	192.8
15: 2	182	146.3	154.1	161.9	169.7	177.5	185.4	193.2
15: 3	183	146.7	154.5	162.3	170.1	177.9	185.7	193.5
15: 4	184	147.1	154.9	162.7	170.5	178.3	186.1	193.9
15: 5	185	147.4	155.2	163.0	170.8	178.6	186.4	194.2
15: 6	186	147.7	155.5	163.3	171.1	178.9	186.8	194.6
15: 7	187	148.1	155.9	163.7	171.5	179.3	187.1	194.9
15: 8	188	148.4	156.2	164.0	171.8	179.6	187.4	195.2
15: 9	189	148.7	156.5	164.3	172.1	179.9	187.7	195.4
15: 10	190	149.0	156.8	164.6	172.4	180.1	187.9	195.7
15: 11	191	149.3	157.1	164.9	172.6	180.4	188.2	196.0
16: 0	192	149.6	157.4	165.1	172.9	180.7	188.4	196.2
16: 1	193	149.9	157.6	165.4	173.1	180.9	188.7	196.4
16: 2	194	150.1	157.9	165.6	173.4	181.1	188.9	196.7
16: 3	195	150.4	158.1	165.9	173.6	181.4	189.1	196.9
16: 4	196	150.6	158.4	166.1	173.8	181.6	189.3	197.0
16: 5	197	150.9	158.6	166.3	174.0	181.8	189.5	197.2
16: 6	198	151.1	158.8	166.5	174.2	181.9	189.7	197.4
16: 7	199	151.3	159.0	166.7	174.4	182.1	189.8	197.5
16: 8	200	151.5	159.2	166.9	174.6	182.3	190.0	197.7
16: 9	201	151.7	159.4	167.1	174.7	182.4	190.1	197.8
16: 10	202	151.9	159.6	167.2	174.9	182.6	190.2	197.9
16: 11	203	152.1	159.7	167.4	175.0	182.7	190.3	198.0
17: 0	204	152.2	159.9	167.5	175.2	182.8	190.4	198.1
17: 1	205	152.4	160.0	167.7	175.3	182.9	190.5	198.2
17: 2	206	152.5	160.2	167.8	175.4	183.0	190.6	198.2
17: 3	207	152.7	160.3	167.9	175.5	183.1	190.7	198.3
17: 4	208	152.8	160.4	168.0	175.6	183.2	190.8	198.4
17: 5	209	153.0	160.5	168.1	175.7	183.3	190.8	198.4
17: 6	210	153.1	160.6	168.2	175.8	183.3	190.9	198.4

**Height-for-age BOYS  
5 to 19 years (z-scores)**



**World Health  
Organization**

Year: Month	Months	-3 SD	-2 SD	-1 SD	Median	1 SD	2 SD	3 SD
17: 7	211	153.2	160.8	168.3	175.8	183.4	190.9	198.5
17: 8	212	153.3	160.9	168.4	175.9	183.4	191.0	198.5
17: 9	213	153.4	160.9	168.5	176.0	183.5	191.0	198.5
17: 10	214	153.5	161.0	168.5	176.0	183.5	191.0	198.5
17: 11	215	153.6	161.1	168.6	176.1	183.6	191.1	198.6
18: 0	216	153.7	161.2	168.7	176.1	183.6	191.1	198.6
18: 1	217	153.8	161.3	168.7	176.2	183.6	191.1	198.6
18: 2	218	153.9	161.4	168.8	176.2	183.7	191.1	198.6
18: 3	219	154.0	161.4	168.9	176.3	183.7	191.1	198.6
18: 4	220	154.1	161.5	168.9	176.3	183.7	191.1	198.6
18: 5	221	154.2	161.6	169.0	176.4	183.8	191.1	198.5
18: 6	222	154.2	161.6	169.0	176.4	183.8	191.1	198.5
18: 7	223	154.3	161.7	169.0	176.4	183.8	191.2	198.5
18: 8	224	154.4	161.7	169.1	176.4	183.8	191.2	198.5
18: 9	225	154.5	161.8	169.1	176.5	183.8	191.2	198.5
18: 10	226	154.5	161.8	169.2	176.5	183.8	191.1	198.5
18: 11	227	154.6	161.9	169.2	176.5	183.8	191.1	198.5
19: 0	228	154.6	161.9	169.2	176.5	183.8	191.1	198.4

**2007 WHO Reference**