

BMI-for-age BOYS

5 to 19 years (z-scores)



Year: Month	Month	Z-scores (BMI in kg/m ²)									
		L	M	S	-3 SD	-2 SD	-1 SD	Median	1 SD	2 SD	3 SD
5: 1	61	-0.7387	15.2641	0.08390	12.1	13.0	14.1	15.3	16.6	18.3	20.2
5: 2	62	-0.7621	15.2616	0.08414	12.1	13.0	14.1	15.3	16.6	18.3	20.2
5: 3	63	-0.7856	15.2604	0.08439	12.1	13.0	14.1	15.3	16.7	18.3	20.2
5: 4	64	-0.8089	15.2605	0.08464	12.1	13.0	14.1	15.3	16.7	18.3	20.3
5: 5	65	-0.8322	15.2619	0.08490	12.1	13.0	14.1	15.3	16.7	18.3	20.3
5: 6	66	-0.8554	15.2645	0.08516	12.1	13.0	14.1	15.3	16.7	18.4	20.4
5: 7	67	-0.8785	15.2684	0.08543	12.1	13.0	14.1	15.3	16.7	18.4	20.4
5: 8	68	-0.9015	15.2737	0.08570	12.1	13.0	14.1	15.3	16.7	18.4	20.5
5: 9	69	-0.9243	15.2801	0.08597	12.1	13.0	14.1	15.3	16.7	18.4	20.5
5:10	70	-0.9471	15.2877	0.08625	12.1	13.0	14.1	15.3	16.7	18.5	20.6
5:11	71	-0.9697	15.2965	0.08653	12.1	13.0	14.1	15.3	16.7	18.5	20.6
6: 0	72	-0.9921	15.3062	0.08682	12.1	13.0	14.1	15.3	16.8	18.5	20.7
6: 1	73	-1.0144	15.3169	0.08711	12.1	13.0	14.1	15.3	16.8	18.6	20.8
6: 2	74	-1.0365	15.3285	0.08741	12.2	13.1	14.1	15.3	16.8	18.6	20.8
6: 3	75	-1.0584	15.3408	0.08771	12.2	13.1	14.1	15.3	16.8	18.6	20.9
6: 4	76	-1.0801	15.3540	0.08802	12.2	13.1	14.1	15.4	16.8	18.7	21.0
6: 5	77	-1.1017	15.3679	0.08833	12.2	13.1	14.1	15.4	16.9	18.7	21.0
6: 6	78	-1.1230	15.3825	0.08865	12.2	13.1	14.1	15.4	16.9	18.7	21.1
6: 7	79	-1.1441	15.3978	0.08898	12.2	13.1	14.1	15.4	16.9	18.8	21.2
6: 8	80	-1.1649	15.4137	0.08931	12.2	13.1	14.2	15.4	16.9	18.8	21.3
6: 9	81	-1.1856	15.4302	0.08964	12.2	13.1	14.2	15.4	17.0	18.9	21.3
6:10	82	-1.2060	15.4473	0.08998	12.2	13.1	14.2	15.4	17.0	18.9	21.4
6:11	83	-1.2261	15.4650	0.09033	12.2	13.1	14.2	15.5	17.0	19.0	21.5
7: 0	84	-1.2460	15.4832	0.09068	12.3	13.1	14.2	15.5	17.0	19.0	21.6
7: 1	85	-1.2656	15.5019	0.09103	12.3	13.2	14.2	15.5	17.1	19.1	21.7
7: 2	86	-1.2849	15.5210	0.09139	12.3	13.2	14.2	15.5	17.1	19.1	21.8

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					-3 SD	-2 SD	-1 SD	Median	1 SD	2 SD	3 SD
7: 3	87	-1.3040	15.5407	0.09176	12.3	13.2	14.3	15.5	17.1	19.2	21.9
7: 4	88	-1.3228	15.5608	0.09213	12.3	13.2	14.3	15.6	17.2	19.2	22.0
7: 5	89	-1.3414	15.5814	0.09251	12.3	13.2	14.3	15.6	17.2	19.3	22.0
7: 6	90	-1.3596	15.6023	0.09289	12.3	13.2	14.3	15.6	17.2	19.3	22.1
7: 7	91	-1.3776	15.6237	0.09327	12.3	13.2	14.3	15.6	17.3	19.4	22.2
7: 8	92	-1.3953	15.6455	0.09366	12.3	13.2	14.3	15.6	17.3	19.4	22.4
7: 9	93	-1.4126	15.6677	0.09406	12.4	13.3	14.3	15.7	17.3	19.5	22.5
7:10	94	-1.4297	15.6903	0.09445	12.4	13.3	14.4	15.7	17.4	19.6	22.6
7:11	95	-1.4464	15.7133	0.09486	12.4	13.3	14.4	15.7	17.4	19.6	22.7
8: 0	96	-1.4629	15.7368	0.09526	12.4	13.3	14.4	15.7	17.4	19.7	22.8
8: 1	97	-1.4790	15.7606	0.09567	12.4	13.3	14.4	15.8	17.5	19.7	22.9
8: 2	98	-1.4947	15.7848	0.09609	12.4	13.3	14.4	15.8	17.5	19.8	23.0
8: 3	99	-1.5101	15.8094	0.09651	12.4	13.3	14.4	15.8	17.5	19.9	23.1
8: 4	100	-1.5252	15.8344	0.09693	12.4	13.4	14.5	15.8	17.6	19.9	23.3
8: 5	101	-1.5399	15.8597	0.09735	12.5	13.4	14.5	15.9	17.6	20.0	23.4
8: 6	102	-1.5542	15.8855	0.09778	12.5	13.4	14.5	15.9	17.7	20.1	23.5
8: 7	103	-1.5681	15.9116	0.09821	12.5	13.4	14.5	15.9	17.7	20.1	23.6
8: 8	104	-1.5817	15.9381	0.09864	12.5	13.4	14.5	15.9	17.7	20.2	23.8
8: 9	105	-1.5948	15.9651	0.09907	12.5	13.4	14.6	16.0	17.8	20.3	23.9
8:10	106	-1.6076	15.9925	0.09951	12.5	13.5	14.6	16.0	17.8	20.3	24.0
8:11	107	-1.6199	16.0205	0.09994	12.5	13.5	14.6	16.0	17.9	20.4	24.2
9: 0	108	-1.6318	16.0490	0.10038	12.6	13.5	14.6	16.0	17.9	20.5	24.3
9: 1	109	-1.6433	16.0781	0.10082	12.6	13.5	14.6	16.1	18.0	20.5	24.4
9: 2	110	-1.6544	16.1078	0.10126	12.6	13.5	14.7	16.1	18.0	20.6	24.6
9: 3	111	-1.6651	16.1381	0.10170	12.6	13.5	14.7	16.1	18.0	20.7	24.7

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Year: Month	Month	L	M	S	Z-scores (BMI in kg/m ²)						
					-3 SD	-2 SD	-1 SD	Median	1 SD	2 SD	3 SD
9: 4	112	-1.6753	16.1692	0.10214	12.6	13.6	14.7	16.2	18.1	20.8	24.9
9: 5	113	-1.6851	16.2009	0.10259	12.6	13.6	14.7	16.2	18.1	20.8	25.0
9: 6	114	-1.6944	16.2333	0.10303	12.7	13.6	14.8	16.2	18.2	20.9	25.1
9: 7	115	-1.7032	16.2665	0.10347	12.7	13.6	14.8	16.3	18.2	21.0	25.3
9: 8	116	-1.7116	16.3004	0.10391	12.7	13.6	14.8	16.3	18.3	21.1	25.5
9: 9	117	-1.7196	16.3351	0.10435	12.7	13.7	14.8	16.3	18.3	21.2	25.6
9:10	118	-1.7271	16.3704	0.10478	12.7	13.7	14.9	16.4	18.4	21.2	25.8
9:11	119	-1.7341	16.4065	0.10522	12.8	13.7	14.9	16.4	18.4	21.3	25.9
10: 0	120	-1.7407	16.4433	0.10566	12.8	13.7	14.9	16.4	18.5	21.4	26.1
10: 1	121	-1.7468	16.4807	0.10609	12.8	13.8	15.0	16.5	18.5	21.5	26.2
10: 2	122	-1.7525	16.5189	0.10652	12.8	13.8	15.0	16.5	18.6	21.6	26.4
10: 3	123	-1.7578	16.5578	0.10695	12.8	13.8	15.0	16.6	18.6	21.7	26.6
10: 4	124	-1.7626	16.5974	0.10738	12.9	13.8	15.0	16.6	18.7	21.7	26.7
10: 5	125	-1.7670	16.6376	0.10780	12.9	13.9	15.1	16.6	18.8	21.8	26.9
10: 6	126	-1.7710	16.6786	0.10823	12.9	13.9	15.1	16.7	18.8	21.9	27.0
10: 7	127	-1.7745	16.7203	0.10865	12.9	13.9	15.1	16.7	18.9	22.0	27.2
10: 8	128	-1.7777	16.7628	0.10906	13.0	13.9	15.2	16.8	18.9	22.1	27.4
10: 9	129	-1.7804	16.8059	0.10948	13.0	14.0	15.2	16.8	19.0	22.2	27.5
10:10	130	-1.7828	16.8497	0.10989	13.0	14.0	15.2	16.9	19.0	22.3	27.7
10:11	131	-1.7847	16.8941	0.11030	13.0	14.0	15.3	16.9	19.1	22.4	27.9
11: 0	132	-1.7862	16.9392	0.11070	13.1	14.1	15.3	16.9	19.2	22.5	28.0
11: 1	133	-1.7873	16.9850	0.11110	13.1	14.1	15.3	17.0	19.2	22.5	28.2
11: 2	134	-1.7881	17.0314	0.11150	13.1	14.1	15.4	17.0	19.3	22.6	28.4
11: 3	135	-1.7884	17.0784	0.11189	13.1	14.1	15.4	17.1	19.3	22.7	28.5

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					-3 SD	-2 SD	-1 SD	Median	1 SD	2 SD	3 SD
11: 4	136	-1.7884	17.1262	0.11228	13.2	14.2	15.5	17.1	19.4	22.8	28.7
11: 5	137	-1.7880	17.1746	0.11266	13.2	14.2	15.5	17.2	19.5	22.9	28.8
11: 6	138	-1.7873	17.2236	0.11304	13.2	14.2	15.5	17.2	19.5	23.0	29.0
11: 7	139	-1.7861	17.2734	0.11342	13.2	14.3	15.6	17.3	19.6	23.1	29.2
11: 8	140	-1.7846	17.3240	0.11379	13.3	14.3	15.6	17.3	19.7	23.2	29.3
11: 9	141	-1.7828	17.3752	0.11415	13.3	14.3	15.7	17.4	19.7	23.3	29.5
11:10	142	-1.7806	17.4272	0.11451	13.3	14.4	15.7	17.4	19.8	23.4	29.6
11:11	143	-1.7780	17.4799	0.11487	13.4	14.4	15.7	17.5	19.9	23.5	29.8
12: 0	144	-1.7751	17.5334	0.11522	13.4	14.5	15.8	17.5	19.9	23.6	30.0
12: 1	145	-1.7719	17.5877	0.11556	13.4	14.5	15.8	17.6	20.0	23.7	30.1
12: 2	146	-1.7684	17.6427	0.11590	13.5	14.5	15.9	17.6	20.1	23.8	30.3
12: 3	147	-1.7645	17.6985	0.11623	13.5	14.6	15.9	17.7	20.2	23.9	30.4
12: 4	148	-1.7604	17.7551	0.11656	13.5	14.6	16.0	17.8	20.2	24.0	30.6
12: 5	149	-1.7559	17.8124	0.11688	13.6	14.6	16.0	17.8	20.3	24.1	30.7
12: 6	150	-1.7511	17.8704	0.11720	13.6	14.7	16.1	17.9	20.4	24.2	30.9
12: 7	151	-1.7461	17.9292	0.11751	13.6	14.7	16.1	17.9	20.4	24.3	31.0
12: 8	152	-1.7408	17.9887	0.11781	13.7	14.8	16.2	18.0	20.5	24.4	31.1
12: 9	153	-1.7352	18.0488	0.11811	13.7	14.8	16.2	18.0	20.6	24.5	31.3
12:10	154	-1.7293	18.1096	0.11841	13.7	14.8	16.3	18.1	20.7	24.6	31.4
12:11	155	-1.7232	18.1710	0.11869	13.8	14.9	16.3	18.2	20.8	24.7	31.6
13: 0	156	-1.7168	18.2330	0.11898	13.8	14.9	16.4	18.2	20.8	24.8	31.7
13: 1	157	-1.7102	18.2955	0.11925	13.8	15.0	16.4	18.3	20.9	24.9	31.8
13: 2	158	-1.7033	18.3586	0.11952	13.9	15.0	16.5	18.4	21.0	25.0	31.9
13: 3	159	-1.6962	18.4221	0.11979	13.9	15.1	16.5	18.4	21.1	25.1	32.1

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					-3 SD	-2 SD	-1 SD	Median	1 SD	2 SD	3 SD
13: 4	160	-1.6888	18.4860	0.12005	14.0	15.1	16.6	18.5	21.1	25.2	32.2
13: 5	161	-1.6811	18.5502	0.12030	14.0	15.2	16.6	18.6	21.2	25.2	32.3
13: 6	162	-1.6732	18.6148	0.12055	14.0	15.2	16.7	18.6	21.3	25.3	32.4
13: 7	163	-1.6651	18.6795	0.12079	14.1	15.2	16.7	18.7	21.4	25.4	32.6
13: 8	164	-1.6568	18.7445	0.12102	14.1	15.3	16.8	18.7	21.5	25.5	32.7
13: 9	165	-1.6482	18.8095	0.12125	14.1	15.3	16.8	18.8	21.5	25.6	32.8
13:10	166	-1.6394	18.8746	0.12148	14.2	15.4	16.9	18.9	21.6	25.7	32.9
13:11	167	-1.6304	18.9398	0.12170	14.2	15.4	17.0	18.9	21.7	25.8	33.0
14: 0	168	-1.6211	19.0050	0.12191	14.3	15.5	17.0	19.0	21.8	25.9	33.1
14: 1	169	-1.6116	19.0701	0.12212	14.3	15.5	17.1	19.1	21.8	26.0	33.2
14: 2	170	-1.6020	19.1351	0.12233	14.3	15.6	17.1	19.1	21.9	26.1	33.3
14: 3	171	-1.5921	19.2000	0.12253	14.4	15.6	17.2	19.2	22.0	26.2	33.4
14: 4	172	-1.5821	19.2648	0.12272	14.4	15.7	17.2	19.3	22.1	26.3	33.5
14: 5	173	-1.5719	19.3294	0.12291	14.5	15.7	17.3	19.3	22.2	26.4	33.5
14: 6	174	-1.5615	19.3937	0.12310	14.5	15.7	17.3	19.4	22.2	26.5	33.6
14: 7	175	-1.5510	19.4578	0.12328	14.5	15.8	17.4	19.5	22.3	26.5	33.7
14: 8	176	-1.5403	19.5217	0.12346	14.6	15.8	17.4	19.5	22.4	26.6	33.8
14: 9	177	-1.5294	19.5853	0.12363	14.6	15.9	17.5	19.6	22.5	26.7	33.9
14:10	178	-1.5185	19.6486	0.12380	14.6	15.9	17.5	19.6	22.5	26.8	33.9
14:11	179	-1.5074	19.7117	0.12396	14.7	16.0	17.6	19.7	22.6	26.9	34.0
15: 0	180	-1.4961	19.7744	0.12412	14.7	16.0	17.6	19.8	22.7	27.0	34.1
15: 1	181	-1.4848	19.8367	0.12428	14.7	16.1	17.7	19.8	22.8	27.1	34.1
15: 2	182	-1.4733	19.8987	0.12443	14.8	16.1	17.8	19.9	22.8	27.1	34.2
15: 3	183	-1.4617	19.9603	0.12458	14.8	16.1	17.8	20.0	22.9	27.2	34.3

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15: 4	184	-1.4500	20.0215	0.12473	14.8	16.2	17.9	20.0	23.0	27.3	34.3
15: 5	185	-1.4382	20.0823	0.12487	14.9	16.2	17.9	20.1	23.0	27.4	34.4
15: 6	186	-1.4263	20.1427	0.12501	14.9	16.3	18.0	20.1	23.1	27.4	34.5
15: 7	187	-1.4143	20.2026	0.12514	15.0	16.3	18.0	20.2	23.2	27.5	34.5
15: 8	188	-1.4022	20.2621	0.12528	15.0	16.3	18.1	20.3	23.3	27.6	34.6
15: 9	189	-1.3900	20.3211	0.12541	15.0	16.4	18.1	20.3	23.3	27.7	34.6
15:10	190	-1.3777	20.3796	0.12554	15.0	16.4	18.2	20.4	23.4	27.7	34.7
15:11	191	-1.3653	20.4376	0.12567	15.1	16.5	18.2	20.4	23.5	27.8	34.7
16: 0	192	-1.3529	20.4951	0.12579	15.1	16.5	18.2	20.5	23.5	27.9	34.8
16: 1	193	-1.3403	20.5521	0.12591	15.1	16.5	18.3	20.6	23.6	27.9	34.8
16: 2	194	-1.3277	20.6085	0.12603	15.2	16.6	18.3	20.6	23.7	28.0	34.8
16: 3	195	-1.3149	20.6644	0.12615	15.2	16.6	18.4	20.7	23.7	28.1	34.9
16: 4	196	-1.3021	20.7197	0.12627	15.2	16.7	18.4	20.7	23.8	28.1	34.9
16: 5	197	-1.2892	20.7745	0.12638	15.3	16.7	18.5	20.8	23.8	28.2	35.0
16: 6	198	-1.2762	20.8287	0.12650	15.3	16.7	18.5	20.8	23.9	28.3	35.0
16: 7	199	-1.2631	20.8824	0.12661	15.3	16.8	18.6	20.9	24.0	28.3	35.0
16: 8	200	-1.2499	20.9355	0.12672	15.3	16.8	18.6	20.9	24.0	28.4	35.1
16: 9	201	-1.2366	20.9881	0.12683	15.4	16.8	18.7	21.0	24.1	28.5	35.1
16:10	202	-1.2233	21.0400	0.12694	15.4	16.9	18.7	21.0	24.2	28.5	35.1
16:11	203	-1.2098	21.0914	0.12704	15.4	16.9	18.7	21.1	24.2	28.6	35.2
17: 0	204	-1.1962	21.1423	0.12715	15.4	16.9	18.8	21.1	24.3	28.6	35.2
17: 1	205	-1.1826	21.1925	0.12726	15.5	17.0	18.8	21.2	24.3	28.7	35.2
17: 2	206	-1.1688	21.2423	0.12736	15.5	17.0	18.9	21.2	24.4	28.7	35.2
17: 3	207	-1.1550	21.2914	0.12746	15.5	17.0	18.9	21.3	24.4	28.8	35.3

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17: 4	208	-1.1410	21.3400	0.12756	15.5	17.1	18.9	21.3	24.5	28.9	35.3
17: 5	209	-1.1270	21.3880	0.12767	15.6	17.1	19.0	21.4	24.5	28.9	35.3
17: 6	210	-1.1129	21.4354	0.12777	15.6	17.1	19.0	21.4	24.6	29.0	35.3
17: 7	211	-1.0986	21.4822	0.12787	15.6	17.1	19.1	21.5	24.7	29.0	35.4
17: 8	212	-1.0843	21.5285	0.12797	15.6	17.2	19.1	21.5	24.7	29.1	35.4
17: 9	213	-1.0699	21.5742	0.12807	15.6	17.2	19.1	21.6	24.8	29.1	35.4
17:10	214	-1.0553	21.6193	0.12816	15.7	17.2	19.2	21.6	24.8	29.2	35.4
17:11	215	-1.0407	21.6638	0.12826	15.7	17.3	19.2	21.7	24.9	29.2	35.4
18: 0	216	-1.0260	21.7077	0.12836	15.7	17.3	19.2	21.7	24.9	29.2	35.4
18: 1	217	-1.0112	21.7510	0.12845	15.7	17.3	19.3	21.8	25.0	29.3	35.4
18: 2	218	-0.9962	21.7937	0.12855	15.7	17.3	19.3	21.8	25.0	29.3	35.5
18: 3	219	-0.9812	21.8358	0.12864	15.7	17.4	19.3	21.8	25.1	29.4	35.5
18: 4	220	-0.9661	21.8773	0.12874	15.8	17.4	19.4	21.9	25.1	29.4	35.5
18: 5	221	-0.9509	21.9182	0.12883	15.8	17.4	19.4	21.9	25.1	29.5	35.5
18: 6	222	-0.9356	21.9585	0.12893	15.8	17.4	19.4	22.0	25.2	29.5	35.5
18: 7	223	-0.9202	21.9982	0.12902	15.8	17.5	19.5	22.0	25.2	29.5	35.5
18: 8	224	-0.9048	22.0374	0.12911	15.8	17.5	19.5	22.0	25.3	29.6	35.5
18: 9	225	-0.8892	22.0760	0.12920	15.8	17.5	19.5	22.1	25.3	29.6	35.5
18:10	226	-0.8735	22.1140	0.12930	15.8	17.5	19.6	22.1	25.4	29.6	35.5
18:11	227	-0.8578	22.1514	0.12939	15.8	17.5	19.6	22.2	25.4	29.7	35.5
19: 0	228	-0.8419	22.1883	0.12948	15.9	17.6	19.6	22.2	25.4	29.7	35.5

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