Head circumference-for-age BOYS

Birth to 5 years (z-scores)



	•		,			Z-scores (head circumference in cm)							
Year: Month	Month	L	M	S	SD	-3 SD	-2 SD	-1 SD	Median	1 SD	2 SD	3 SD	
0: 0	0	1	34.4618	0.03686	1.2703	30.7	31.9	33.2	34.5	35.7	37.0	38.3	
0: 1	1	1	37.2759	0.03133	1.1679	33.8	34.9	36.1	37.3	38.4	39.6	40.8	
0: 2	2	1	39.1285	0.02997	1.1727	35.6	36.8	38.0	39.1	40.3	41.5	42.6	
0: 3	3	1	40.5135	0.02918	1.1822	37.0	38.1	39.3	40.5	41.7	42.9	44.1	
0: 4	4	1	41.6317	0.02868	1.1940	38.0	39.2	40.4	41.6	42.8	44.0	45.2	
0: 5	5	1	42.5576	0.02837	1.2074	38.9	40.1	41.4	42.6	43.8	45.0	46.2	
0: 6	6	1	43.3306	0.02817	1.2206	39.7	40.9	42.1	43.3	44.6	45.8	47.0	
0: 7	7	1	43.9803	0.02804	1.2332	40.3	41.5	42.7	44.0	45.2	46.4	47.7	
0: 8	8	1	44.5300	0.02796	1.2451	40.8	42.0	43.3	44.5	45.8	47.0	48.3	
0: 9	9	1	44.9998	0.02792	1.2564	41.2	42.5	43.7	45.0	46.3	47.5	48.8	
0:10	10	1	45.4051	0.02790	1.2668	41.6	42.9	44.1	45.4	46.7	47.9	49.2	
0:11	11	1	45.7573	0.02789	1.2762	41.9	43.2	44.5	45.8	47.0	48.3	49.6	
1: 0	12	1	46.0661	0.02789	1.2848	42.2	43.5	44.8	46.1	47.4	48.6	49.9	
1: 1	13	1	46.3395	0.02789	1.2924	42.5	43.8	45.0	46.3	47.6	48.9	50.2	
1: 2	14	1	46.5844	0.02791	1.3002	42.7	44.0	45.3	46.6	47.9	49.2	50.5	
1: 3	15	1	46.8060	0.02792	1.3068	42.9	44.2	45.5	46.8	48.1	49.4	50.7	
1: 4	16	1	47.0088	0.02795	1.3139	43.1	44.4	45.7	47.0	48.3	49.6	51.0	
1: 5	17	1	47.1962	0.02797	1.3201	43.2	44.6	45.9	47.2	48.5	49.8	51.2	
1: 6	18	1	47.3711	0.02800	1.3264	43.4	44.7	46.0	47.4	48.7	50.0	51.4	
1: 7	19	1	47.5357	0.02803	1.3324	43.5	44.9	46.2	47.5	48.9	50.2	51.5	
1: 8	20	1	47.6919	0.02806	1.3382	43.7	45.0	46.4	47.7	49.0	50.4	51.7	
1: 9	21	1	47.8408	0.02810	1.3443	43.8	45.2	46.5	47.8	49.2	50.5	51.9	
1:10	22	1	47.9833	0.02813	1.3498	43.9	45.3	46.6	48.0	49.3	50.7	52.0	
1:11	23	1	48.1201	0.02817	1.3555	44.1	45.4	46.8	48.1	49.5	50.8	52.2	
2: 0	24	1	48.2515	0.02821	1.3612	44.2	45.5	46.9	48.3	49.6	51.0	52.3	

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						Z-scores (head circumference in cm)							
Year: Month	Month	L	M	S	SD	-3 SD	-2 SD	-1 SD	Median	1 SD	2 SD	3 SD	
2: 1	25	1	48.3777	0.02825	1.3667	44.3	45.6	47.0	48.4	49.7	51.1	52.5	
2: 2	26	1	48.4989	0.02830	1.3725	44.4	45.8	47.1	48.5	49.9	51.2	52.6	
2: 3	27	1	48.6151	0.02834	1.3778	44.5	45.9	47.2	48.6	50.0	51.4	52.7	
2: 4	28	1	48.7264	0.02838	1.3829	44.6	46.0	47.3	48.7	50.1	51.5	52.9	
2: 5	29	1	48.8331	0.02842	1.3878	44.7	46.1	47.4	48.8	50.2	51.6	53.0	
2: 6	30	1	48.9351	0.02847	1.3932	44.8	46.1	47.5	48.9	50.3	51.7	53.1	
2: 7	31	1	49.0327	0.02851	1.3979	44.8	46.2	47.6	49.0	50.4	51.8	53.2	
2: 8	32	1	49.1260	0.02855	1.4026	44.9	46.3	47.7	49.1	50.5	51.9	53.3	
2: 9	33	1	49.2153	0.02859	1.4071	45.0	46.4	47.8	49.2	50.6	52.0	53.4	
2:10	34	1	49.3007	0.02863	1.4115	45.1	46.5	47.9	49.3	50.7	52.1	53.5	
2:11	35	1	49.3826	0.02867	1.4158	45.1	46.6	48.0	49.4	50.8	52.2	53.6	
3: 0	36	1	49.4612	0.02871	1.4200	45.2	46.6	48.0	49.5	50.9	52.3	53.7	
3: 1	37	1	49.5367	0.02875	1.4242	45.3	46.7	48.1	49.5	51.0	52.4	53.8	
3: 2	38	1	49.6093	0.02878	1.4278	45.3	46.8	48.2	49.6	51.0	52.5	53.9	
3: 3	39	1	49.6791	0.02882	1.4318	45.4	46.8	48.2	49.7	51.1	52.5	54.0	
3: 4	40	1	49.7465	0.02886	1.4357	45.4	46.9	48.3	49.7	51.2	52.6	54.1	
3: 5	41	1	49.8116	0.02889	1.4391	45.5	46.9	48.4	49.8	51.3	52.7	54.1	
3: 6	42	1	49.8745	0.02893	1.4429	45.5	47.0	48.4	49.9	51.3	52.8	54.2	
3: 7	43	1	49.9354	0.02896	1.4461	45.6	47.0	48.5	49.9	51.4	52.8	54.3	
3: 8	44	1	49.9942	0.02899	1.4493	45.6	47.1	48.5	50.0	51.4	52.9	54.3	
3: 9	45	1	50.0512	0.02903	1.4530	45.7	47.1	48.6	50.1	51.5	53.0	54.4	
3:10	46	1	50.1064	0.02906	1.4561	45.7	47.2	48.7	50.1	51.6	53.0	54.5	
3:11	47	1	50.1598	0.02909	1.4592	45.8	47.2	48.7	50.2	51.6	53.1	54.5	
4: 0	48	1	50.2115	0.02912	1.4622	45.8	47.3	48.7	50.2	51.7	53.1	54.6	

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					SD	-3 SD	-2 SD	-1 SD	Median	1 SD	2 SD	3 SD	
4: 1	49	1	50.2617	0.02915	1.4651	45.9	47.3	48.8	50.3	51.7	53.2	54.7	
4: 2	50	1	50.3105	0.02918	1.4681	45.9	47.4	48.8	50.3	51.8	53.2	54.7	
4: 3	51	1	50.3578	0.02921	1.4710	45.9	47.4	48.9	50.4	51.8	53.3	54.8	
4: 4	52	1	50.4039	0.02924	1.4738	46.0	47.5	48.9	50.4	51.9	53.4	54.8	
4: 5	53	1	50.4488	0.02927	1.4766	46.0	47.5	49.0	50.4	51.9	53.4	54.9	
4: 6	54	1	50.4926	0.02929	1.4789	46.1	47.5	49.0	50.5	52.0	53.5	54.9	
4: 7	55	1	50.5354	0.02932	1.4817	46.1	47.6	49.1	50.5	52.0	53.5	55.0	
4: 8	56	1	50.5772	0.02935	1.4844	46.1	47.6	49.1	50.6	52.1	53.5	55.0	
4: 9	57	1	50.6183	0.02938	1.4872	46.2	47.6	49.1	50.6	52.1	53.6	55.1	
4:10	58	1	50.6587	0.02940	1.4894	46.2	47.7	49.2	50.7	52.1	53.6	55.1	
4:11	59	1	50.6984	0.02943	1.4921	46.2	47.7	49.2	50.7	52.2	53.7	55.2	
5: 0	60	1	50.7375	0.02946	1.4947	46.3	47.7	49.2	50.7	52.2	53.7	55.2	

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