

# Head circumference-for-age BOYS

Birth to 5 years (percentiles)



Year: Month	Month	L	M	S	SD	Percentiles (head circumference in cm)										
						1st	3rd	5th	15th	25th	50th	75th	85th	95th	97th	99th
0: 0	0	1	34.4618	0.03686	1.2703	31.5	32.1	32.4	33.1	33.6	34.5	35.3	35.8	36.6	36.9	37.4
0: 1	1	1	37.2759	0.03133	1.1679	34.6	35.1	35.4	36.1	36.5	37.3	38.1	38.5	39.2	39.5	40.0
0: 2	2	1	39.1285	0.02997	1.1727	36.4	36.9	37.2	37.9	38.3	39.1	39.9	40.3	41.1	41.3	41.9
0: 3	3	1	40.5135	0.02918	1.1822	37.8	38.3	38.6	39.3	39.7	40.5	41.3	41.7	42.5	42.7	43.3
0: 4	4	1	41.6317	0.02868	1.1940	38.9	39.4	39.7	40.4	40.8	41.6	42.4	42.9	43.6	43.9	44.4
0: 5	5	1	42.5576	0.02837	1.2074	39.7	40.3	40.6	41.3	41.7	42.6	43.4	43.8	44.5	44.8	45.4
0: 6	6	1	43.3306	0.02817	1.2206	40.5	41.0	41.3	42.1	42.5	43.3	44.2	44.6	45.3	45.6	46.2
0: 7	7	1	43.9803	0.02804	1.2332	41.1	41.7	42.0	42.7	43.1	44.0	44.8	45.3	46.0	46.3	46.8
0: 8	8	1	44.5300	0.02796	1.2451	41.6	42.2	42.5	43.2	43.7	44.5	45.4	45.8	46.6	46.9	47.4
0: 9	9	1	44.9998	0.02792	1.2564	42.1	42.6	42.9	43.7	44.2	45.0	45.8	46.3	47.1	47.4	47.9
0:10	10	1	45.4051	0.02790	1.2668	42.5	43.0	43.3	44.1	44.6	45.4	46.3	46.7	47.5	47.8	48.4
0:11	11	1	45.7573	0.02789	1.2762	42.8	43.4	43.7	44.4	44.9	45.8	46.6	47.1	47.9	48.2	48.7
1: 0	12	1	46.0661	0.02789	1.2848	43.1	43.6	44.0	44.7	45.2	46.1	46.9	47.4	48.2	48.5	49.1
1: 1	13	1	46.3395	0.02789	1.2924	43.3	43.9	44.2	45.0	45.5	46.3	47.2	47.7	48.5	48.8	49.3
1: 2	14	1	46.5844	0.02791	1.3002	43.6	44.1	44.4	45.2	45.7	46.6	47.5	47.9	48.7	49.0	49.6
1: 3	15	1	46.8060	0.02792	1.3068	43.8	44.3	44.7	45.5	45.9	46.8	47.7	48.2	49.0	49.3	49.8
1: 4	16	1	47.0088	0.02795	1.3139	44.0	44.5	44.8	45.6	46.1	47.0	47.9	48.4	49.2	49.5	50.1
1: 5	17	1	47.1962	0.02797	1.3201	44.1	44.7	45.0	45.8	46.3	47.2	48.1	48.6	49.4	49.7	50.3
1: 6	18	1	47.3711	0.02800	1.3264	44.3	44.9	45.2	46.0	46.5	47.4	48.3	48.7	49.6	49.9	50.5
1: 7	19	1	47.5357	0.02803	1.3324	44.4	45.0	45.3	46.2	46.6	47.5	48.4	48.9	49.7	50.0	50.6
1: 8	20	1	47.6919	0.02806	1.3382	44.6	45.2	45.5	46.3	46.8	47.7	48.6	49.1	49.9	50.2	50.8
1: 9	21	1	47.8408	0.02810	1.3443	44.7	45.3	45.6	46.4	46.9	47.8	48.7	49.2	50.1	50.4	51.0
1:10	22	1	47.9833	0.02813	1.3498	44.8	45.4	45.8	46.6	47.1	48.0	48.9	49.4	50.2	50.5	51.1
1:11	23	1	48.1201	0.02817	1.3555	45.0	45.6	45.9	46.7	47.2	48.1	49.0	49.5	50.3	50.7	51.3
2: 0	24	1	48.2515	0.02821	1.3612	45.1	45.7	46.0	46.8	47.3	48.3	49.2	49.7	50.5	50.8	51.4

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			M	S	SD	1st	3rd	5th	15th	25th	50th	75th	85th	95th	97th	99th
2: 1	25	1	48.3777	0.02825	1.3667	45.2	45.8	46.1	47.0	47.5	48.4	49.3	49.8	50.6	50.9	51.6
2: 2	26	1	48.4989	0.02830	1.3725	45.3	45.9	46.2	47.1	47.6	48.5	49.4	49.9	50.8	51.1	51.7
2: 3	27	1	48.6151	0.02834	1.3778	45.4	46.0	46.3	47.2	47.7	48.6	49.5	50.0	50.9	51.2	51.8
2: 4	28	1	48.7264	0.02838	1.3829	45.5	46.1	46.5	47.3	47.8	48.7	49.7	50.2	51.0	51.3	51.9
2: 5	29	1	48.8331	0.02842	1.3878	45.6	46.2	46.6	47.4	47.9	48.8	49.8	50.3	51.1	51.4	52.1
2: 6	30	1	48.9351	0.02847	1.3932	45.7	46.3	46.6	47.5	48.0	48.9	49.9	50.4	51.2	51.6	52.2
2: 7	31	1	49.0327	0.02851	1.3979	45.8	46.4	46.7	47.6	48.1	49.0	50.0	50.5	51.3	51.7	52.3
2: 8	32	1	49.1260	0.02855	1.4026	45.9	46.5	46.8	47.7	48.2	49.1	50.1	50.6	51.4	51.8	52.4
2: 9	33	1	49.2153	0.02859	1.4071	45.9	46.6	46.9	47.8	48.3	49.2	50.2	50.7	51.5	51.9	52.5
2:10	34	1	49.3007	0.02863	1.4115	46.0	46.6	47.0	47.8	48.3	49.3	50.3	50.8	51.6	52.0	52.6
2:11	35	1	49.3826	0.02867	1.4158	46.1	46.7	47.1	47.9	48.4	49.4	50.3	50.8	51.7	52.0	52.7
3: 0	36	1	49.4612	0.02871	1.4200	46.2	46.8	47.1	48.0	48.5	49.5	50.4	50.9	51.8	52.1	52.8
3: 1	37	1	49.5367	0.02875	1.4242	46.2	46.9	47.2	48.1	48.6	49.5	50.5	51.0	51.9	52.2	52.8
3: 2	38	1	49.6093	0.02878	1.4278	46.3	46.9	47.3	48.1	48.6	49.6	50.6	51.1	52.0	52.3	52.9
3: 3	39	1	49.6791	0.02882	1.4318	46.3	47.0	47.3	48.2	48.7	49.7	50.6	51.2	52.0	52.4	53.0
3: 4	40	1	49.7465	0.02886	1.4357	46.4	47.0	47.4	48.3	48.8	49.7	50.7	51.2	52.1	52.4	53.1
3: 5	41	1	49.8116	0.02889	1.4391	46.5	47.1	47.4	48.3	48.8	49.8	50.8	51.3	52.2	52.5	53.2
3: 6	42	1	49.8745	0.02893	1.4429	46.5	47.2	47.5	48.4	48.9	49.9	50.8	51.4	52.2	52.6	53.2
3: 7	43	1	49.9354	0.02896	1.4461	46.6	47.2	47.6	48.4	49.0	49.9	50.9	51.4	52.3	52.7	53.3
3: 8	44	1	49.9942	0.02899	1.4493	46.6	47.3	47.6	48.5	49.0	50.0	51.0	51.5	52.4	52.7	53.4
3: 9	45	1	50.0512	0.02903	1.4530	46.7	47.3	47.7	48.5	49.1	50.1	51.0	51.6	52.4	52.8	53.4
3:10	46	1	50.1064	0.02906	1.4561	46.7	47.4	47.7	48.6	49.1	50.1	51.1	51.6	52.5	52.8	53.5
3:11	47	1	50.1598	0.02909	1.4592	46.8	47.4	47.8	48.6	49.2	50.2	51.1	51.7	52.6	52.9	53.6
4: 0	48	1	50.2115	0.02912	1.4622	46.8	47.5	47.8	48.7	49.2	50.2	51.2	51.7	52.6	53.0	53.6

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Birth to 5 years (percentiles)



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						1st	3rd	5th	15th	25th	50th	75th	85th	95th	97th	99th
4: 1	49	1	50.2617	0.02915	1.4651	46.9	47.5	47.9	48.7	49.3	50.3	51.2	51.8	52.7	53.0	53.7
4: 2	50	1	50.3105	0.02918	1.4681	46.9	47.5	47.9	48.8	49.3	50.3	51.3	51.8	52.7	53.1	53.7
4: 3	51	1	50.3578	0.02921	1.4710	46.9	47.6	47.9	48.8	49.4	50.4	51.3	51.9	52.8	53.1	53.8
4: 4	52	1	50.4039	0.02924	1.4738	47.0	47.6	48.0	48.9	49.4	50.4	51.4	51.9	52.8	53.2	53.8
4: 5	53	1	50.4488	0.02927	1.4766	47.0	47.7	48.0	48.9	49.5	50.4	51.4	52.0	52.9	53.2	53.9
4: 6	54	1	50.4926	0.02929	1.4789	47.1	47.7	48.1	49.0	49.5	50.5	51.5	52.0	52.9	53.3	53.9
4: 7	55	1	50.5354	0.02932	1.4817	47.1	47.7	48.1	49.0	49.5	50.5	51.5	52.1	53.0	53.3	54.0
4: 8	56	1	50.5772	0.02935	1.4844	47.1	47.8	48.1	49.0	49.6	50.6	51.6	52.1	53.0	53.4	54.0
4: 9	57	1	50.6183	0.02938	1.4872	47.2	47.8	48.2	49.1	49.6	50.6	51.6	52.2	53.1	53.4	54.1
4:10	58	1	50.6587	0.02940	1.4894	47.2	47.9	48.2	49.1	49.7	50.7	51.7	52.2	53.1	53.5	54.1
4:11	59	1	50.6984	0.02943	1.4921	47.2	47.9	48.2	49.2	49.7	50.7	51.7	52.2	53.2	53.5	54.2
5: 0	60	1	50.7375	0.02946	1.4947	47.3	47.9	48.3	49.2	49.7	50.7	51.7	52.3	53.2	53.5	54.2

**WHO Child Growth Standards**