

The International Newborn Standards

INTERGROWTH-21st



Head circumference (Boys)



Gestational age (weeks+days)	Centiles						
	3 rd	5 th	10 th	50 th	90 th	95 th	97 th
33+0	28.24	28.59	29.11	30.88	32.70	33.25	33.62
33+1	28.35	28.69	29.21	30.97	32.78	33.33	33.69
33+2	28.45	28.79	29.30	31.05	32.86	33.40	33.76
33+3	28.54	28.89	29.40	31.14	32.94	33.47	33.84
33+4	28.64	28.98	29.49	31.22	33.01	33.55	33.91
33+5	28.74	29.08	29.58	31.31	33.09	33.62	33.98
33+6	28.83	29.17	29.67	31.39	33.16	33.69	34.05
34+0	28.93	29.26	29.76	31.47	33.23	33.76	34.11
34+1	29.02	29.35	29.85	31.55	33.30	33.83	34.18
34+2	29.11	29.44	29.94	31.63	33.38	33.90	34.25
34+3	29.21	29.53	30.03	31.71	33.45	33.97	34.32
34+4	29.30	29.62	30.12	31.79	33.52	34.04	34.38
34+5	29.38	29.71	30.20	31.87	33.59	34.10	34.45
34+6	29.47	29.80	30.29	31.94	33.66	34.17	34.51
35+0	29.56	29.88	30.37	32.02	33.73	34.24	34.58
35+1	29.65	29.97	30.45	32.10	33.79	34.30	34.64
35+2	29.73	30.05	30.53	32.17	33.86	34.37	34.71
35+3	29.82	30.14	30.62	32.24	33.93	34.43	34.77
35+4	29.90	30.22	30.70	32.32	33.99	34.50	34.83
35+5	29.98	30.30	30.78	32.39	34.06	34.56	34.90
35+6	30.07	30.38	30.85	32.46	34.13	34.62	34.96
36+0	30.15	30.46	30.93	32.53	34.19	34.69	35.02
36+1	30.23	30.54	31.01	32.61	34.25	34.75	35.08
36+2	30.31	30.62	31.09	32.68	34.32	34.81	35.14
36+3	30.39	30.70	31.16	32.75	34.38	34.87	35.20
36+4	30.46	30.77	31.24	32.81	34.44	34.93	35.26
36+5	30.54	30.85	31.31	32.88	34.50	34.99	35.32
36+6	30.62	30.93	31.39	32.95	34.57	35.05	35.38
37+0	30.69	31.00	31.46	33.02	34.63	35.11	35.43
37+1	30.77	31.07	31.53	33.08	34.69	35.17	35.49
37+2	30.84	31.15	31.60	33.15	34.75	35.23	35.55
37+3	30.92	31.22	31.67	33.22	34.81	35.29	35.60
37+4	30.99	31.29	31.74	33.28	34.87	35.34	35.66
37+5	31.06	31.36	31.81	33.34	34.93	35.40	35.72
37+6	31.14	31.44	31.88	33.41	34.98	35.46	35.77
38+0	31.21	31.51	31.95	33.47	35.04	35.51	35.83
38+1	31.28	31.58	32.02	33.53	35.10	35.57	35.88
38+2	31.35	31.64	32.09	33.60	35.16	35.62	35.94
38+3	31.42	31.71	32.15	33.66	35.21	35.68	35.99

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	3 rd	5 th	10 th	50 th	90 th	95 th	97 th
38+4	31.49	31.78	32.22	33.72	35.27	35.73	36.04
38+5	31.56	31.85	32.29	33.78	35.33	35.79	36.10
38+6	31.62	31.92	32.35	33.84	35.38	35.84	36.15
39+0	31.69	31.98	32.42	33.90	35.44	35.90	36.20
39+1	31.76	32.05	32.48	33.96	35.49	35.95	36.26
39+2	31.82	32.11	32.55	34.02	35.54	36.00	36.31
39+3	31.89	32.18	32.61	34.08	35.60	36.05	36.36
39+4	31.95	32.24	32.67	34.14	35.65	36.11	36.41
39+5	32.02	32.31	32.73	34.20	35.71	36.16	36.46
39+6	32.08	32.37	32.80	34.25	35.76	36.21	36.51
40+0	32.15	32.43	32.86	34.31	35.81	36.26	36.56
40+1	32.21	32.49	32.92	34.37	35.86	36.31	36.61
40+2	32.27	32.56	32.98	34.42	35.92	36.36	36.66
40+3	32.33	32.62	33.04	34.48	35.97	36.41	36.71
40+4	32.40	32.68	33.10	34.54	36.02	36.46	36.76
40+5	32.46	32.74	33.16	34.59	36.07	36.51	36.81
40+6	32.52	32.80	33.22	34.65	36.12	36.56	36.86
41+0	32.58	32.86	33.28	34.70	36.17	36.61	36.91
41+1	32.64	32.92	33.33	34.75	36.22	36.66	36.96
41+2	32.70	32.98	33.39	34.81	36.27	36.71	37.00
41+3	32.76	33.04	33.45	34.86	36.32	36.76	37.05
41+4	32.82	33.09	33.51	34.92	36.37	36.81	37.10
41+5	32.88	33.15	33.56	34.97	36.42	36.85	37.15
41+6	32.93	33.21	33.62	35.02	36.47	36.90	37.19
42+0	32.99	33.27	33.68	35.07	36.52	36.95	37.24
42+1	33.05	33.32	33.73	35.13	36.56	37.00	37.29
42+2	33.11	33.38	33.79	35.18	36.61	37.04	37.33
42+3	33.16	33.43	33.84	35.23	36.66	37.09	37.38
42+4	33.22	33.49	33.90	35.28	36.71	37.14	37.42
42+5	33.28	33.55	33.95	35.33	36.76	37.18	37.47
42+6	33.33	33.60	34.00	35.38	36.80	37.23	37.51