

International Postnatal Growth Standards for Preterm Infants

INTERGROWTH-21st



Head Circumference (cm) Boys



Postmenstrual age (exact weeks)	z-scores (Standard Deviations)						
	-3	-2	-1	0	1	2	3
27	19.6	21.3	23.0	24.8	26.5	28.2	30.0
28	21.1	22.7	24.3	25.9	27.5	29.1	30.7
29	22.5	24.0	25.5	27.0	28.4	29.9	31.4
30	23.8	25.2	26.5	27.9	29.3	30.7	32.1
31	24.9	26.2	27.5	28.8	30.2	31.5	32.8
32	26.0	27.2	28.5	29.7	30.9	32.2	33.4
33	27.0	28.2	29.3	30.5	31.7	32.9	34.0
34	27.9	29.0	30.1	31.3	32.4	33.5	34.7
35	28.7	29.8	30.9	32.0	33.1	34.2	35.3
36	29.5	30.5	31.6	32.7	33.7	34.8	35.8
37	30.2	31.2	32.3	33.3	34.3	35.4	36.4
38	30.9	31.9	32.9	33.9	34.9	35.9	37.0
39	31.5	32.5	33.5	34.5	35.5	36.5	37.5
40	32.1	33.1	34.0	35.0	36.0	37.0	38.0
41	32.6	33.6	34.6	35.6	36.5	37.5	38.5
42	33.1	34.1	35.1	36.0	37.0	38.0	39.0
43	33.6	34.6	35.5	36.5	37.5	38.5	39.4
44	34.0	35.0	36.0	37.0	37.9	38.9	39.9
45	34.5	35.4	36.4	37.4	38.4	39.4	40.3
46	34.9	35.8	36.8	37.8	38.8	39.8	40.8
47	35.2	36.2	37.2	38.2	39.2	40.2	41.2
48	35.6	36.6	37.6	38.6	39.6	40.6	41.6
49	35.9	36.9	37.9	38.9	39.9	40.9	41.9
50	36.3	37.3	38.3	39.3	40.3	41.3	42.3
51	36.6	37.6	38.6	39.6	40.6	41.7	42.7
52	36.9	37.9	38.9	39.9	41.0	42.0	43.0
53	37.1	38.2	39.2	40.3	41.3	42.3	43.4
54	37.4	38.4	39.5	40.6	41.6	42.7	43.7
55	37.6	38.7	39.8	40.8	41.9	43.0	44.0
56	37.9	39.0	40.0	41.1	42.2	43.3	44.4
57	38.1	39.2	40.3	41.4	42.5	43.6	44.7
58	38.3	39.4	40.5	41.6	42.7	43.9	45.0
59	38.5	39.6	40.8	41.9	43.0	44.1	45.3
60	38.7	39.9	41.0	42.1	43.3	44.4	45.5
61	38.9	40.1	41.2	42.4	43.5	44.7	45.8
62	39.1	40.3	41.4	42.6	43.8	44.9	46.1
63	39.3	40.5	41.6	42.8	44.0	45.2	46.3
64	39.4	40.6	41.8	43.0	44.2	45.4	46.6