

International Newborn Size References for Very Preterm Infants



INTERGROWTH-21st

Head Circumference (cm) Girls



Gestational age (weeks+days)	Centiles						
	3 rd	5 th	10 th	50 th	90 th	95 th	97 th
24+0	19.2	19.5	20.1	22.1	24.1	24.7	25.0
24+1	19.3	19.7	20.2	22.2	24.2	24.8	25.2
24+2	19.4	19.8	20.3	22.3	24.3	24.9	25.3
24+3	19.5	19.9	20.5	22.5	24.5	25.0	25.4
24+4	19.7	20.0	20.6	22.6	24.6	25.2	25.5
24+5	19.8	20.2	20.7	22.7	24.7	25.3	25.7
24+6	19.9	20.3	20.9	22.9	24.8	25.4	25.8
25+0	20.0	20.4	21.0	23.0	25.0	25.5	25.9
25+1	20.2	20.5	21.1	23.1	25.1	25.7	26.0
25+2	20.3	20.7	21.2	23.2	25.2	25.8	26.2
25+3	20.4	20.8	21.4	23.4	25.4	25.9	26.3
25+4	20.6	20.9	21.5	23.5	25.5	26.1	26.4
25+5	20.7	21.0	21.6	23.6	25.6	26.2	26.5
25+6	20.8	21.2	21.7	23.7	25.7	26.3	26.7
26+0	20.9	21.3	21.9	23.9	25.9	26.4	26.8
26+1	21.1	21.4	22.0	24.0	26.0	26.6	26.9
26+2	21.2	21.6	22.1	24.1	26.1	26.7	27.1
26+3	21.3	21.7	22.2	24.2	26.2	26.8	27.2
26+4	21.4	21.8	22.4	24.4	26.4	26.9	27.3
26+5	21.6	21.9	22.5	24.5	26.5	27.1	27.4
26+6	21.7	22.1	22.6	24.6	26.6	27.2	27.6
27+0	21.8	22.2	22.8	24.8	26.8	27.3	27.7
27+1	21.9	22.3	22.9	24.9	26.9	27.4	27.8
27+2	22.1	22.4	23.0	25.0	27.0	27.6	27.9
27+3	22.2	22.6	23.1	25.1	27.1	27.7	28.1
27+4	22.3	22.7	23.3	25.3	27.3	27.8	28.2
27+5	22.5	22.8	23.4	25.4	27.4	28.0	28.3
27+6	22.6	22.9	23.5	25.5	27.5	28.1	28.4
28+0	22.7	23.1	23.6	25.6	27.6	28.2	28.6
28+1	22.8	23.2	23.8	25.8	27.8	28.3	28.7
28+2	23.0	23.3	23.9	25.9	27.9	28.5	28.8
28+3	23.1	23.5	24.0	26.0	28.0	28.6	29.0
28+4	23.2	23.6	24.1	26.1	28.1	28.7	29.1

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	3 rd	5 th	10 th	50 th	90 th	95 th	97 th
28+5	23.3	23.7	24.3	26.3	28.3	28.8	29.2
28+6	23.5	23.8	24.4	26.4	28.4	29.0	29.3
29+0	23.6	24.0	24.5	26.5	28.5	29.1	29.5
29+1	23.7	24.1	24.7	26.7	28.7	29.2	29.6
29+2	23.8	24.2	24.8	26.8	28.8	29.3	29.7
29+3	24.0	24.3	24.9	26.9	28.9	29.5	29.8
29+4	24.1	24.5	25.0	27.0	29.0	29.6	30.0
29+5	24.2	24.6	25.2	27.2	29.2	29.7	30.1
29+6	24.4	24.7	25.3	27.3	29.3	29.9	30.2
30+0	24.5	24.8	25.4	27.4	29.4	30.0	30.3
30+1	24.6	25.0	25.5	27.5	29.5	30.1	30.5
30+2	24.7	25.1	25.7	27.7	29.7	30.2	30.6
30+3	24.9	25.2	25.8	27.8	29.8	30.4	30.7
30+4	25.0	25.4	25.9	27.9	29.9	30.5	30.9
30+5	25.1	25.5	26.1	28.0	30.0	30.6	31.0
30+6	25.2	25.6	26.2	28.2	30.2	30.7	31.1
31+0	25.4	25.7	26.3	28.3	30.3	30.9	31.2
31+1	25.5	25.9	26.4	28.4	30.4	31.0	31.4
31+2	25.6	26.0	26.6	28.6	30.6	31.1	31.5
31+3	25.7	26.1	26.7	28.7	30.7	31.2	31.6
31+4	25.9	26.2	26.8	28.8	30.8	31.4	31.7
31+5	26.0	26.4	26.9	28.9	30.9	31.5	31.9
31+6	26.1	26.5	27.1	29.1	31.1	31.6	32.0
32+0	26.3	26.6	27.2	29.2	31.2	31.8	32.1
32+1	26.4	26.8	27.3	29.3	31.3	31.9	32.3
32+2	26.5	26.9	27.4	29.4	31.4	32.0	32.4
32+3	26.6	27.0	27.6	29.6	31.6	32.1	32.5
32+4	26.8	27.1	27.7	29.7	31.7	32.3	32.6
32+5	26.9	27.3	27.8	29.8	31.8	32.4	32.8
32+6	27.0	27.4	28.0	30.0	32.0	32.5	32.9

The following tables are reference tables. Centiles below 28 weeks should be interpreted with caution given the small sample size.