

# International Newborn Size References for Very Preterm Infants



INTERGROWTH-21<sup>st</sup>

## Length (cm) Boys



Gestational age (weeks+days)	z-scores (Standard Deviations)						
	-3	-2	-1	0	1	2	3
24+0	24.4	27.0	29.6	32.2	34.8	37.4	40.0
24+1	24.6	27.2	29.8	32.4	35.0	37.6	40.2
24+2	24.8	27.4	30.0	32.6	35.2	37.8	40.4
24+3	25.0	27.6	30.2	32.8	35.4	38.0	40.6
24+4	25.1	27.7	30.3	32.9	35.5	38.1	40.7
24+5	25.3	27.9	30.5	33.1	35.7	38.3	40.9
24+6	25.5	28.1	30.7	33.3	35.9	38.5	41.1
25+0	25.7	28.3	30.9	33.5	36.1	38.7	41.3
25+1	25.9	28.5	31.1	33.7	36.3	38.9	41.5
25+2	26.0	28.6	31.2	33.8	36.4	39.0	41.6
25+3	26.2	28.8	31.4	34.0	36.6	39.2	41.8
25+4	26.4	29.0	31.6	34.2	36.8	39.4	42.0
25+5	26.6	29.2	31.8	34.4	37.0	39.6	42.2
25+6	26.8	29.4	32.0	34.6	37.2	39.8	42.4
26+0	27.0	29.6	32.2	34.8	37.4	40.0	42.6
26+1	27.1	29.7	32.3	34.9	37.5	40.1	42.7
26+2	27.3	29.9	32.5	35.1	37.7	40.3	42.9
26+3	27.5	30.1	32.7	35.3	37.9	40.5	43.1
26+4	27.7	30.3	32.9	35.5	38.1	40.7	43.3
26+5	27.9	30.5	33.1	35.7	38.3	40.9	43.5
26+6	28.0	30.6	33.2	35.8	38.4	41.0	43.6
27+0	28.2	30.8	33.4	36.0	38.6	41.2	43.8
27+1	28.4	31.0	33.6	36.2	38.8	41.4	44.0
27+2	28.6	31.2	33.8	36.4	39.0	41.6	44.2
27+3	28.8	31.4	34.0	36.6	39.2	41.8	44.4
27+4	29.0	31.6	34.2	36.8	39.3	41.9	44.5
27+5	29.1	31.7	34.3	36.9	39.5	42.1	44.7
27+6	29.3	31.9	34.5	37.1	39.7	42.3	44.9
28+0	29.5	32.1	34.7	37.3	39.9	42.5	45.1
28+1	29.7	32.3	34.9	37.5	40.1	42.7	45.3
28+2	29.9	32.5	35.1	37.7	40.3	42.9	45.5
28+3	30.0	32.6	35.2	37.8	40.4	43.0	45.6
28+4	30.2	32.8	35.4	38.0	40.6	43.2	45.8

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## Length (cm) Boys



Gestational age (weeks+days)	z-scores (Standard Deviations)						
	-3	-2	-1	0	1	2	3
28+5	30.4	33.0	35.6	38.2	40.8	43.4	46.0
28+6	30.6	33.2	35.8	38.4	41.0	43.6	46.2
29+0	30.8	33.4	36.0	38.6	41.2	43.8	46.4
29+1	30.9	33.5	36.1	38.7	41.3	43.9	46.5
29+2	31.1	33.7	36.3	38.9	41.5	44.1	46.7
29+3	31.3	33.9	36.5	39.1	41.7	44.3	46.9
29+4	31.5	34.1	36.7	39.3	41.9	44.5	47.1
29+5	31.7	34.3	36.9	39.5	42.1	44.7	47.3
29+6	31.9	34.5	37.1	39.7	42.3	44.9	47.5
30+0	32.0	34.6	37.2	39.8	42.4	45.0	47.6
30+1	32.2	34.8	37.4	40.0	42.6	45.2	47.8
30+2	32.4	35.0	37.6	40.2	42.8	45.4	48.0
30+3	32.6	35.2	37.8	40.4	43.0	45.6	48.2
30+4	32.8	35.4	38.0	40.6	43.2	45.8	48.4
30+5	32.9	35.5	38.1	40.7	43.3	45.9	48.5
30+6	33.1	35.7	38.3	40.9	43.5	46.1	48.7
31+0	33.3	35.9	38.5	41.1	43.7	46.3	48.9
31+1	33.5	36.1	38.7	41.3	43.9	46.5	49.1
31+2	33.7	36.3	38.9	41.5	44.1	46.7	49.3
31+3	33.9	36.4	39.0	41.6	44.2	46.8	49.4
31+4	34.0	36.6	39.2	41.8	44.4	47.0	49.6
31+5	34.2	36.8	39.4	42.0	44.6	47.2	49.8
31+6	34.4	37.0	39.6	42.2	44.8	47.4	50.0
32+0	34.6	37.2	39.8	42.4	45.0	47.6	50.2
32+1	34.8	37.4	40.0	42.6	45.2	47.8	50.4
32+2	34.9	37.5	40.1	42.7	45.3	47.9	50.5
32+3	35.1	37.7	40.3	42.9	45.5	48.1	50.7
32+4	35.3	37.9	40.5	43.1	45.7	48.3	50.9
32+5	35.5	38.1	40.7	43.3	45.9	48.5	51.1
32+6	35.7	38.3	40.9	43.5	46.1	48.7	51.3

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