

# International Newborn Size Standards



## Length (cm) Girls

INTERGROWTH-21<sup>st</sup>



Gestational age (weeks+days)	z-scores (Standard Deviations)						
	-3	-2	-1	0	1	2	3
33+0	37.2	39.5	41.6	43.4	45.2	47.1	49.3
33+1	37.4	39.7	41.7	43.6	45.4	47.3	49.5
33+2	37.6	39.9	41.9	43.7	45.5	47.4	49.6
33+3	37.8	40.1	42.1	43.9	45.7	47.6	49.8
33+4	38.0	40.3	42.3	44.1	45.8	47.7	49.9
33+5	38.1	40.5	42.4	44.2	46.0	47.9	50.0
33+6	38.3	40.6	42.6	44.4	46.1	48.0	50.2
34+0	38.5	40.8	42.8	44.6	46.3	48.2	50.3
34+1	38.7	41.0	42.9	44.7	46.4	48.3	50.4
34+2	38.8	41.1	43.1	44.9	46.6	48.4	50.6
34+3	39.0	41.3	43.2	45.0	46.7	48.6	50.7
34+4	39.2	41.4	43.4	45.2	46.9	48.7	50.8
34+5	39.3	41.6	43.5	45.3	47.0	48.8	51.0
34+6	39.5	41.8	43.7	45.4	47.1	49.0	51.1
35+0	39.7	41.9	43.8	45.6	47.3	49.1	51.2
35+1	39.8	42.1	44.0	45.7	47.4	49.2	51.3
35+2	40.0	42.2	44.1	45.8	47.5	49.3	51.4
35+3	40.1	42.3	44.2	46.0	47.7	49.5	51.5
35+4	40.3	42.5	44.4	46.1	47.8	49.6	51.7
35+5	40.4	42.6	44.5	46.2	47.9	49.7	51.8
35+6	40.6	42.8	44.6	46.4	48.0	49.8	51.9
36+0	40.7	42.9	44.8	46.5	48.1	49.9	52.0
36+1	40.8	43.0	44.9	46.6	48.3	50.0	52.1
36+2	41.0	43.2	45.0	46.7	48.4	50.1	52.2
36+3	41.1	43.3	45.1	46.8	48.5	50.2	52.3
36+4	41.3	43.4	45.3	47.0	48.6	50.4	52.4
36+5	41.4	43.5	45.4	47.1	48.7	50.5	52.5
36+6	41.5	43.7	45.5	47.2	48.8	50.6	52.6
37+0	41.6	43.8	45.6	47.3	48.9	50.7	52.7
37+1	41.8	43.9	45.7	47.4	49.0	50.8	52.8
37+2	41.9	44.0	45.8	47.5	49.1	50.9	52.9
37+3	42.0	44.1	45.9	47.6	49.2	51.0	53.0
37+4	42.1	44.2	46.1	47.7	49.3	51.0	53.0
37+5	42.2	44.4	46.2	47.8	49.4	51.1	53.1
37+6	42.3	44.5	46.3	47.9	49.5	51.2	53.2

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Gestational age (weeks+days)	z-scores (Standard Deviations)						
	-3	-2	-1	0	1	2	3
38+0	42.5	44.6	46.4	48.0	49.6	51.3	53.3
38+1	42.6	44.7	46.5	48.1	49.7	51.4	53.4
38+2	42.7	44.8	46.6	48.2	49.8	51.5	53.5
38+3	42.8	44.9	46.7	48.3	49.9	51.6	53.5
38+4	42.9	45.0	46.8	48.4	50.0	51.7	53.6
38+5	43.0	45.1	46.9	48.5	50.1	51.7	53.7
38+6	43.1	45.2	46.9	48.6	50.1	51.8	53.8
39+0	43.2	45.3	47.0	48.7	50.2	51.9	53.9
39+1	43.3	45.4	47.1	48.7	50.3	52.0	53.9
39+2	43.4	45.5	47.2	48.8	50.4	52.1	54.0
39+3	43.5	45.6	47.3	48.9	50.5	52.1	54.1
39+4	43.6	45.6	47.4	49.0	50.6	52.2	54.1
39+5	43.7	45.7	47.5	49.1	50.6	52.3	54.2
39+6	43.8	45.8	47.6	49.2	50.7	52.4	54.3
40+0	43.9	45.9	47.6	49.2	50.8	52.4	54.3
40+1	44.0	46.0	47.7	49.3	50.9	52.5	54.4
40+2	44.0	46.1	47.8	49.4	50.9	52.6	54.5
40+3	44.1	46.2	47.9	49.5	51.0	52.6	54.5
40+4	44.2	46.2	48.0	49.5	51.1	52.7	54.6
40+5	44.3	46.3	48.0	49.6	51.1	52.8	54.7
40+6	44.4	46.4	48.1	49.7	51.2	52.8	54.7
41+0	44.5	46.5	48.2	49.8	51.3	52.9	54.8
41+1	44.5	46.6	48.3	49.8	51.3	53.0	54.8
41+2	44.6	46.6	48.3	49.9	51.4	53.0	54.9
41+3	44.7	46.7	48.4	50.0	51.5	53.1	55.0
41+4	44.8	46.8	48.5	50.0	51.5	53.2	55.0
41+5	44.9	46.8	48.5	50.1	51.6	53.2	55.1
41+6	44.9	46.9	48.6	50.2	51.7	53.3	55.1
42+0	45.0	47.0	48.7	50.2	51.7	53.3	55.2
42+1	45.1	47.1	48.7	50.3	51.8	53.4	55.2
42+2	45.2	47.1	48.8	50.3	51.8	53.4	55.3
42+3	45.2	47.2	48.9	50.4	51.9	53.5	55.3
42+4	45.3	47.3	48.9	50.5	52.0	53.5	55.4
42+5	45.4	47.3	49.0	50.5	52.0	53.6	55.4
42+6	45.4	47.4	49.1	50.6	52.1	53.7	55.5