

International Newborn Size Standards



Length (cm) Boys

INTERGROWTH-21st



Gestational age (weeks+days)	z-scores (Standard Deviations)						
	-3	-2	-1	0	1	2	3
33+0	36.6	39.4	41.7	43.8	45.9	48.3	51.1
33+1	36.8	39.6	41.9	44.0	46.1	48.4	51.3
33+2	37.0	39.8	42.1	44.2	46.2	48.6	51.4
33+3	37.2	40.0	42.3	44.3	46.4	48.7	51.5
33+4	37.5	40.2	42.5	44.5	46.6	48.8	51.6
33+5	37.7	40.4	42.6	44.7	46.7	49.0	51.7
33+6	37.9	40.6	42.8	44.8	46.9	49.1	51.8
34+0	38.1	40.8	43.0	45.0	47.0	49.2	52.0
34+1	38.3	41.0	43.1	45.1	47.1	49.4	52.1
34+2	38.5	41.1	43.3	45.3	47.3	49.5	52.2
34+3	38.7	41.3	43.5	45.4	47.4	49.6	52.3
34+4	38.9	41.5	43.6	45.6	47.6	49.7	52.4
34+5	39.1	41.7	43.8	45.7	47.7	49.9	52.5
34+6	39.2	41.8	44.0	45.9	47.8	50.0	52.6
35+0	39.4	42.0	44.1	46.0	48.0	50.1	52.7
35+1	39.6	42.2	44.3	46.2	48.1	50.2	52.8
35+2	39.8	42.3	44.4	46.3	48.2	50.3	52.9
35+3	40.0	42.5	44.6	46.4	48.3	50.4	53.0
35+4	40.1	42.6	44.7	46.6	48.5	50.6	53.1
35+5	40.3	42.8	44.9	46.7	48.6	50.7	53.2
35+6	40.5	43.0	45.0	46.8	48.7	50.8	53.3
36+0	40.6	43.1	45.1	47.0	48.8	50.9	53.4
36+1	40.8	43.2	45.3	47.1	48.9	51.0	53.5
36+2	40.9	43.4	45.4	47.2	49.1	51.1	53.6
36+3	41.1	43.5	45.5	47.4	49.2	51.2	53.7
36+4	41.3	43.7	45.7	47.5	49.3	51.3	53.8
36+5	41.4	43.8	45.8	47.6	49.4	51.4	53.8
36+6	41.6	44.0	45.9	47.7	49.5	51.5	53.9
37+0	41.7	44.1	46.1	47.8	49.6	51.6	54.0
37+1	41.9	44.2	46.2	47.9	49.7	51.7	54.1
37+2	42.0	44.4	46.3	48.1	49.8	51.8	54.2
37+3	42.1	44.5	46.4	48.2	49.9	51.9	54.3
37+4	42.3	44.6	46.5	48.3	50.0	52.0	54.3
37+5	42.4	44.7	46.7	48.4	50.1	52.1	54.4
37+6	42.5	44.9	46.8	48.5	50.2	52.2	54.5

International Newborn Size Standards



Length (cm) Boys

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Gestational age (weeks+days)	z-scores (Standard Deviations)						
	-3	-2	-1	0	1	2	3
38+0	42.7	45.0	46.9	48.6	50.3	52.2	54.6
38+1	42.8	45.1	47.0	48.7	50.4	52.3	54.7
38+2	42.9	45.2	47.1	48.8	50.5	52.4	54.7
38+3	43.1	45.3	47.2	48.9	50.6	52.5	54.8
38+4	43.2	45.5	47.3	49.0	50.7	52.6	54.9
38+5	43.3	45.6	47.4	49.1	50.8	52.7	55.0
38+6	43.4	45.7	47.5	49.2	50.9	52.7	55.0
39+0	43.6	45.8	47.6	49.3	51.0	52.8	55.1
39+1	43.7	45.9	47.7	49.4	51.1	52.9	55.2
39+2	43.8	46.0	47.8	49.5	51.1	53.0	55.2
39+3	43.9	46.1	47.9	49.6	51.2	53.1	55.3
39+4	44.0	46.2	48.0	49.7	51.3	53.1	55.4
39+5	44.1	46.3	48.1	49.8	51.4	53.2	55.4
39+6	44.2	46.4	48.2	49.8	51.5	53.3	55.5
40+0	44.4	46.5	48.3	49.9	51.6	53.4	55.6
40+1	44.5	46.6	48.4	50.0	51.6	53.4	55.6
40+2	44.6	46.7	48.5	50.1	51.7	53.5	55.7
40+3	44.7	46.8	48.6	50.2	51.8	53.6	55.8
40+4	44.8	46.9	48.7	50.3	51.9	53.6	55.8
40+5	44.9	47.0	48.8	50.3	51.9	53.7	55.9
40+6	45.0	47.1	48.8	50.4	52.0	53.8	55.9
41+0	45.1	47.2	48.9	50.5	52.1	53.8	56.0
41+1	45.2	47.3	49.0	50.6	52.2	53.9	56.0
41+2	45.3	47.4	49.1	50.7	52.2	54.0	56.1
41+3	45.4	47.5	49.2	50.7	52.3	54.0	56.2
41+4	45.5	47.5	49.3	50.8	52.4	54.1	56.2
41+5	45.6	47.6	49.3	50.9	52.4	54.2	56.3
41+6	45.7	47.7	49.4	51.0	52.5	54.2	56.3
42+0	45.7	47.8	49.5	51.0	52.6	54.3	56.4
42+1	45.8	47.9	49.6	51.1	52.6	54.4	56.4
42+2	45.9	48.0	49.6	51.2	52.7	54.4	56.5
42+3	46.0	48.0	49.7	51.2	52.8	54.5	56.5
42+4	46.1	48.1	49.8	51.3	52.8	54.5	56.6
42+5	46.2	48.2	49.9	51.4	52.9	54.6	56.6
42+6	46.3	48.3	49.9	51.4	53.0	54.6	56.7