

International Fetal Growth Standards



Head Circumference (mm)

INTERGROWTH-21st



Gestational age (exact weeks)	z-scores (Standard Deviations)						
	-3	-2	-1	0	1	2	3
14	81.1	86.7	92.3	97.9	103.5	109.0	114.6
15	92.6	98.5	104.4	110.4	116.3	122.2	128.2
16	104.1	110.4	116.6	122.9	129.2	135.5	141.7
17	115.7	122.3	128.8	135.4	142.0	148.6	155.2
18	127.2	134.1	141.0	147.9	154.8	161.7	168.6
19	138.7	145.9	153.1	160.3	167.4	174.6	181.8
20	150.2	157.6	165.0	172.5	179.9	187.4	194.8
21	161.5	169.1	176.8	184.5	192.2	199.9	207.6
22	172.6	180.5	188.4	196.3	204.2	212.1	220.0
23	183.5	191.6	199.7	207.8	215.9	224.1	232.2
24	194.2	202.5	210.8	219.1	227.4	235.7	244.0
25	204.6	213.0	221.5	230.0	238.4	246.9	255.4
26	214.6	223.2	231.9	240.5	249.1	257.8	266.4
27	224.3	233.1	241.9	250.6	259.4	268.2	277.0
28	233.5	242.5	251.4	260.4	269.3	278.2	287.2
29	242.3	251.4	260.5	269.6	278.7	287.8	296.9
30	250.6	259.9	269.1	278.4	287.6	296.9	306.1
31	258.4	267.8	277.2	286.6	296.1	305.5	314.9
32	265.5	275.1	284.7	294.4	304.0	313.6	323.2
33	272.0	281.8	291.7	301.5	311.4	321.2	331.1
34	277.8	287.9	298.0	308.1	318.2	328.3	338.4
35	282.8	293.3	303.7	314.1	324.5	334.9	345.3
36	287.1	297.9	308.6	319.4	330.2	340.9	351.7
37	290.5	301.7	312.9	324.1	335.3	346.4	357.6
38	293.0	304.7	316.4	328.1	339.7	351.4	363.1
39	294.6	306.9	319.1	331.4	343.6	355.9	368.1
40	295.2	308.1	321.0	333.9	346.9	359.8	372.7