

The International Fetal Growth Standards



Head Circumference (mm)

INTERGROWTH-21st



Gestational age (exact weeks)	z-scores						
	-3	-2	-1	0	1	2	3
14	81.13	86.71	92.29	97.88	103.46	109.04	114.62
15	92.57	98.51	104.44	110.37	116.31	122.24	128.17
16	104.10	110.37	116.64	122.91	129.18	135.45	141.72
17	115.66	122.25	128.84	135.44	142.03	148.62	155.21
18	127.22	134.11	141.01	147.90	154.80	161.69	168.59
19	138.73	145.91	153.09	160.26	167.44	174.62	181.80
20	150.16	157.60	165.04	172.48	179.92	187.36	194.80
21	161.46	169.14	176.82	184.50	192.19	199.87	207.55
22	172.59	180.49	188.40	196.30	204.21	212.11	220.02
23	183.51	191.62	199.73	207.84	215.95	224.06	232.16
24	194.18	202.48	210.78	219.07	227.37	235.66	243.96
25	204.57	213.04	221.50	229.97	238.44	246.91	255.38
26	214.62	223.25	231.88	240.51	249.14	257.77	266.40
27	224.29	233.08	241.86	250.65	259.43	268.22	277.00
28	233.55	242.48	251.42	260.36	269.29	278.23	287.17
29	242.34	251.43	260.52	269.61	278.70	287.79	296.88
30	250.63	259.88	269.13	278.38	287.63	296.88	306.14
31	258.37	267.79	277.22	286.64	296.07	305.49	314.92
32	265.51	275.13	284.75	294.37	303.99	313.61	323.23
33	272.00	281.84	291.68	301.53	311.37	321.22	331.06
34	277.79	287.90	298.00	308.10	318.20	328.31	338.41
35	282.85	293.25	303.66	314.07	324.47	334.88	345.28
36	287.11	297.87	308.63	319.40	330.16	340.92	351.69
37	290.52	301.71	312.89	324.07	335.25	346.44	357.62
38	293.04	304.72	316.39	328.07	339.74	351.42	363.10
39	294.60	306.86	319.11	331.37	343.62	355.87	368.13
40	295.17	308.09	321.02	333.94	346.87	359.80	372.72