

**TABLE 10-2. Length, Weight, and Head Circumference (C) by Age for Boys and Girls, Birth to 36 Mo**

	Boys: Percentiles								Girls: Percentiles						
	5th	10th	25th	50th	75th	90th	95th		5th	10th	25th	50th	75th	90th	95th
birth	45.6 (18.0)	46.6 (18.4)	48.2 (19.0)	50.0 (19.7)	51.7 (20.4)	53.3 (21.0)	54.2 (21.4)	Length, cm (in)	45.6 (18.0)	46.4 (18.3)	47.7 (18.8)	49.3 (19.4)	51.0 (20.1)	52.6 (20.7)	53.7 (21.1)
	2.53 (5.6)	2.77 (6.1)	3.15 (6.9)	3.53 (7.8)	3.88 (8.5)	4.17 (9.2)	4.34 (9.5)	Weight, kg (lb)	2.55 (5.6)	2.75 (6.0)	3.06 (6.7)	3.40 (7.5)	3.72 (8.2)	3.99 (8.8)	4.15 (9.1)
	32.1 (12.7)	33.1 (13.0)	34.5 (13.6)	35.8 (14.1)	37.0 (14.6)	38.0 (15.0)	38.5 (15.2)	Head C, cm (in)	32.3 (12.7)	32.8 (12.9)	33.7 (13.2)	34.7 (13.7)	35.9 (14.1)	37.0 (14.5)	37.7 (14.8)
	52.8 (20.8)	53.6 (21.1)	55.0 (21.7)	56.6 (22.3)	58.3 (23.0)	59.9 (23.6)	60.9 (24.0)	Length, cm (in)	51.5 (20.3)	52.3 (20.6)	53.7 (21.1)	55.3 (21.8)	56.9 (22.4)	58.4 (23.0)	59.3 (23.4)
1 mo	3.77 (8.3)	4.02 (8.8)	4.43 (9.7)	4.88 (10.7)	5.33 (11.7)	5.73 (12.6)	5.97 (13.1)	Weight, kg (lb)	3.55 (7.8)	3.77 (8.3)	4.14 (9.1)	4.54 (10.0)	4.95 (10.9)	5.31 (11.7)	5.52 (12.1)
	36.3 (14.3)	37.0 (14.6)	38.1 (15.0)	39.2 (15.4)	40.2 (15.8)	41.1 (16.2)	41.6 (16.4)	Head C, cm (in)	35.8 (14.1)	36.2 (14.3)	37.0 (14.6)	38.0 (15.0)	39.0 (15.3)	40.0 (15.7)	40.6 (16.0)
	58.3 (22.9)	59.1 (23.3)	60.5 (23.8)	62.1 (24.4)	63.8 (25.1)	65.5 (25.8)	66.5 (26.2)	Length, cm (in)	56.5 (22.2)	57.4 (22.6)	58.8 (23.2)	60.5 (23.8)	62.1 (24.4)	63.6 (25.0)	64.5 (25.4)
3 mo	5.16 (11.3)	5.42 (11.9)	5.87 (12.9)	6.39 (14.1)	6.94 (15.3)	7.46 (16.4)	7.78 (17.1)	Weight, kg (lb)	4.71 (10.4)	4.96 (10.9)	5.38 (11.8)	5.86 (12.9)	6.35 (14.0)	6.80 (15.0)	7.08 (15.6)
	39.3 (15.5)	39.9 (15.7)	40.8 (16.1)	41.8 (16.4)	42.7 (16.8)	43.5 (17.1)	44.0 (17.3)	Head C, cm (in)	38.4 (15.1)	38.8 (15.3)	39.6 (15.6)	40.5 (15.9)	41.4 (16.3)	42.3 (16.6)	42.8 (16.9)
	63.9 (25.2)	64.7 (25.5)	66.2 (26.0)	67.9 (26.7)	71.4 (27.4)	72.5 (28.1)	69.7 (28.5)	Length, cm (in)	61.8 (24.3)	62.8 (24.7)	64.4 (25.3)	66.1 (26.0)	67.8 (26.7)	69.4 (27.3)	70.3 (27.7)
6 mo	6.75 (14.8)	7.04 (15.5)	7.55 (16.6)	8.16 (18.0)	8.83 (19.4)	9.48 (20.8)	9.89 (21.7)	Weight, kg (lb)	6.13 (13.5)	6.41 (14.1)	6.89 (15.2)	7.45 (16.4)	8.05 (17.7)	8.61 (18.9)	8.95 (19.7)
	41.8 (16.5)	42.3 (16.7)	43.1 (17.0)	44.0 (17.3)	44.9 (17.7)	45.7 (18.0)	46.2 (18.2)	Head C, cm (in)	40.7 (16.0)	41.1 (16.2)	41.9 (16.5)	42.7 (16.8)	43.6 (17.2)	44.4 (17.5)	44.9 (17.7)
	68.1 (26.8)	69.0 (27.2)	70.5 (27.8)	72.3 (28.5)	74.3 (29.2)	76.1 (30.0)	77.2 (30.4)	Length, cm (in)	66.0 (26.0)	67.0 (26.4)	68.7 (27.1)	70.6 (27.8)	72.4 (28.5)	74.1 (29.2)	75.0 (29.5)
9 mo	7.90 (17.4)	8.22 (18.1)	8.79 (19.3)	9.48 (20.8)	10.23 (22.5)	10.96 (24.1)	11.43 (25.1)	Weight, kg (lb)	7.25 (15.9)	7.55 (16.6)	8.07 (17.8)	8.69 (19.1)	9.36 (20.6)	10.00 (22.0)	10.40 (22.9)
	43.4 (17.1)	43.9 (17.3)	44.6 (17.6)	45.5 (17.9)	46.3 (18.2)	47.1 (18.6)	47.6 (18.7)	Head C, cm (in)	42.1 (16.6)	42.6 (16.8)	43.3 (17.1)	44.2 (17.4)	45.0 (17.7)	45.8 (18.0)	46.3 (18.2)
	71.6 (28.2)	72.5 (28.6)	74.2 (29.2)	76.1 (30.0)	78.1 (30.8)	80.0 (31.5)	81.2 (32.0)	Length, cm (in)	69.5 (27.4)	70.6 (27.8)	72.4 (28.5)	74.4 (29.3)	76.3 (30.1)	78.1 (30.7)	79.1 (31.1)
12 mo	8.75 (19.3)	9.10 (20.0)	9.71 (21.4)	10.46 (23.0)	11.27 (24.8)	12.07 (26.5)	12.57 (27.7)	Weight, kg (lb)	8.13 (17.9)	8.44 (18.6)	9.00 (19.8)	9.67 (21.3)	10.39 (22.9)	11.10 (24.4)	11.55 (25.4)
	44.4 (17.5)	44.9 (17.7)	45.6 (18.0)	46.5 (18.3)	47.4 (18.6)	48.2 (19.0)	48.6 (19.2)	Head C, cm (in)	43.1 (17.0)	43.6 (17.2)	44.3 (17.5)	45.2 (17.8)	46.1 (18.1)	46.9 (18.4)	47.3 (18.6)
	77.2 (30.4)	78.4 (30.9)	80.3 (31.6)	82.4 (32.4)	84.6 (33.3)	86.6 (34.1)	87.9 (34.6)	Length, cm (in)	75.5 (29.7)	76.7 (30.2)	78.6 (31.0)	80.8 (31.8)	83.0 (32.7)	84.9 (33.4)	86.0 (33.9)
18 mo	9.90 (21.8)	10.29 (22.6)	10.98 (24.2)	11.80 (26.0)	12.70 (28.0)	13.58 (29.9)	14.14 (31.1)	Weight, kg (lb)	9.39 (20.7)	9.73 (21.4)	10.34 (22.8)	11.09 (24.4)	11.92 (26.2)	12.75 (28.0)	13.29 (29.2)
	45.7 (18.0)	46.2 (18.2)	47.0 (18.5)	47.9 (18.8)	48.8 (19.2)	49.6 (19.5)	50.1 (19.7)	Head C, cm (in)	44.4 (17.5)	44.9 (17.7)	45.7 (18.0)	46.6 (18.4)	47.5 (18.7)	48.3 (19.0)	48.8 (19.2)
	81.9 (32.2)	83.2 (32.7)	85.3 (33.6)	87.7 (34.5)	90.0 (35.4)	92.2 (36.3)	93.4 (36.8)	Length, cm (in)	80.4 (31.7)	81.7 (32.2)	83.8 (33.0)	86.2 (33.9)	88.5 (34.9)	90.7 (35.7)	91.9 (36.2)
24 mo	10.70 (23.5)	11.11 (24.5)	11.85 (26.1)	12.74 (28.0)	13.71 (30.2)	14.67 (32.3)	15.28 (33.6)	Weight, kg (lb)	10.27 (22.6)	10.64 (23.4)	11.31 (24.9)	12.13 (26.7)	13.08 (28.8)	14.04 (30.9)	14.68 (32.3)
	46.4 (18.2)	46.9 (18.5)	47.8 (18.8)	48.7 (19.2)	49.7 (19.6)	50.5 (19.9)	51.0 (20.1)	Head C, cm (in)	45.2 (17.8)	45.7 (18.0)	46.6 (18.3)	47.5 (18.7)	48.5 (19.1)	49.3 (19.4)	49.8 (19.6)
	86.1 (33.9)	87.4 (34.4)	89.6 (35.3)	92.1 (36.3)	94.7 (37.3)	97.0 (38.2)	98.5 (38.8)	Length, cm (in)	85.0 (33.5)	86.3 (34.0)	88.6 (34.9)	91.1 (35.9)	93.7 (36.9)	96.0 (37.8)	97.4 (38.3)
30 mo	11.40 (25.1)	11.83 (26.0)	12.61 (27.7)	13.56 (29.8)	14.62 (32.2)	15.66 (34.5)	16.34 (36.0)	Weight, kg (lb)	10.99 (24.2)	11.38 (25.0)	12.12 (26.7)	13.04 (28.7)	14.12 (31.1)	15.24 (33.5)	15.99 (35.2)
	46.7 (18.4)	47.3 (18.6)	48.3 (19.0)	49.3 (19.4)	50.3 (19.8)	51.2 (20.2)	51.7 (20.4)	Head C, cm (in)	45.7 (18.0)	46.3 (18.2)	47.2 (18.6)	48.2 (19.0)	49.2 (19.4)	50.0 (19.7)	50.6 (19.9)
	90.0 (35.4)	91.3 (35.9)	93.5 (36.8)	96.1 (37.8)	98.7 (38.9)	101.2 (39.8)	102.7 (40.4)	Length, cm (in)	88.6 (34.9)	90.0 (35.4)	92.4 (36.4)	95.0 (37.4)	97.7 (38.5)	100.1 (39.4)	101.6 (40.0)
36 mo	12.04 (26.5)	12.49 (27.5)	13.31 (29.3)	14.33 (31.5)	15.48 (34.1)	16.64 (36.6)	17.41 (38.3)	Weight, kg (lb)	11.60 (25.5)	12.03 (26.5)	12.84 (28.2)	13.87 (30.5)	15.08 (33.2)	16.36 (36.0)	17.24 (37.9)
	46.9 (18.5)	47.5 (18.7)	48.6 (19.1)	49.7 (19.6)	50.8 (20.0)	51.7 (20.3)	52.2 (20.6)	Head C, cm (in)	46.0 (18.1)	46.6 (18.3)	47.6 (18.7)	48.6 (19.1)	49.7 (19.6)	50.6 (19.9)	51.1 (20.1)

Data used in creating the 2000 Centers for Disease Control (CDC) growth charts, as described in Chapter 15. English units appear in parentheses, below the corresponding metric units. Data apply to the age range, including the listed age and subsequent month (i.e., "1 mo" represents the average for 1 mo, 0 days through 1 mo, 30 days). Data for additional age points and 3rd and 97th percentiles are available at [www.cdc.gov/nchs](http://www.cdc.gov/nchs), along with technical reports.