

Table 18. Waist circumference in centimeters for children and adolescents aged 2–19 years and number of examined persons, mean, standard error of the mean, and selected percentiles, by sex and age: United States, 2007–2010

Sex and age ¹	Number of examined persons	Mean	Standard error of the mean	Percentile								
				5th	10th	15th	25th	50th	75th	85th	90th	95th
Male				Centimeters								
2 years	270	48.5	0.29	43.4	44.8	45.6	46.5	48.2	50.3	51.2	52.0	53.4
3 years	182	50.5	0.35	44.5	46.0	46.9	47.9	50.1	52.3	53.3	54.6	56.9
4 years	231	52.7	0.31	46.8	47.9	48.9	50.1	51.5	54.2	56.7	57.5	62.7
5 years	194	54.8	0.42	47.7	49.0	50.2	51.3	53.6	56.0	58.3	60.8	66.0
6 years	188	57.4	0.74	48.4	49.5	50.6	52.1	54.6	59.1	65.3	69.6	78.7
7 years	208	59.0	0.56	50.4	50.9	51.9	53.4	56.7	62.8	68.1	71.3	74.6
8 years	205	62.7	0.79	51.2	53.3	54.1	56.3	59.5	66.7	73.0	78.1	81.0
9 years	183	66.0	1.13	53.4	54.6	55.8	57.2	61.0	72.9	79.5	85.0	91.2
10 years	194	69.2	1.09	55.4	57.1	57.9	59.8	66.5	76.5	81.1	85.6	89.9
11 years	205	71.9	0.98	57.4	58.9	60.3	62.4	67.2	78.6	87.2	90.4	97.0
12 years	156	74.6	0.98	56.7	59.9	61.3	64.0	71.5	83.1	91.6	93.7	98.5
13 years	141	76.8	1.34	62.4	64.6	65.5	68.2	72.7	81.2	90.8	96.7	104.7
14 years	173	78.8	1.48	61.7	64.4	65.8	68.1	74.2	84.5	93.9	101.3	107.4
15 years	157	80.9	1.41	65.9	67.1	67.6	71.1	76.3	87.6	94.8	99.9	113.1
16 years	170	83.9	1.21	67.8	68.3	70.4	73.4	80.0	92.3	99.3	106.1	110.5
17 years	184	85.6	1.82	68.5	70.0	73.0	74.8	79.5	92.2	101.6	108.0	118.6
18 years	137	88.1	1.62	70.6	72.2	73.7	77.5	85.3	95.5	101.6	105.9	†
19 years	176	85.9	1.17	71.7	73.1	74.1	76.8	82.8	91.1	93.9	101.3	†
Female												
2 years	235	48.2	0.36	43.4	43.9	44.5	45.4	47.5	50.3	51.6	52.9	54.7
3 years	179	50.2	0.36	43.1	45.4	46.4	47.4	49.9	52.3	54.3	55.0	57.3
4 years	191	52.1	0.27	46.2	46.9	47.7	48.9	51.1	54.2	56.2	58.3	60.2
5 years	168	55.6	0.84	47.9	49.2	50.4	51.3	54.0	57.4	60.4	63.3	†
6 years	173	56.5	0.60	48.5	49.8	50.8	52.3	56.0	58.8	63.5	64.3	67.9
7 years	202	59.4	0.67	49.1	51.0	51.4	53.7	57.0	61.9	67.3	72.9	78.1
8 years	199	63.8	1.08	49.7	52.3	53.2	55.2	61.8	71.3	75.2	78.7	82.7
9 years	198	66.6	1.08	53.1	54.5	56.0	57.6	63.3	72.3	79.6	83.0	88.1
10 years	174	69.8	0.97	57.1	58.3	59.1	61.2	68.6	75.1	82.0	84.1	88.8
11 years	212	73.2	1.27	56.2	58.9	60.8	62.7	69.2	81.5	87.2	93.6	103.0
12 years	162	74.7	1.22	†	60.6	63.6	65.7	73.9	82.0	87.3	95.1	98.8
13 years	130	77.6	1.40	63.3	64.8	65.7	68.4	73.7	85.6	92.1	96.8	100.6
14 years	164	80.4	0.95	65.5	67.5	68.3	71.2	77.3	85.5	91.2	94.4	108.0
15 years	134	81.7	1.20	64.7	68.5	70.6	72.6	78.4	87.0	95.3	101.4	106.0
16 years	152	81.0	1.03	66.9	67.9	69.7	71.6	78.2	85.4	92.2	102.2	106.6
17 years	141	82.2	1.50	66.6	67.1	69.0	72.0	79.6	86.9	95.5	99.5	114.1
18 years	131	83.1	1.35	67.9	70.0	70.8	72.3	77.2	90.1	99.6	107.1	112.6
19 years	115	85.4	1.72	65.2	68.4	70.5	72.8	80.8	93.4	103.2	109.6	118.4

† Standard error not calculated by SUDAAN.

¹Refers to age at time of examination.

NOTE: Pregnant females were excluded.

SOURCE: CDC/NCHS, National Health and Nutrition Examination Survey.