

**Table 41 Mid-upper arm circumference in centimeters for persons 3 months-19 years-number of examined persons, mean, standard error of the mean, and selected percentiles, by sex and age : United States, 1988-1994**

Sex and age	Number of examined persons	Mean	Standard error of the mean	Selected percentile								
				5th	10th	15th	25th	50th	75th	85th	90th	95th
<b>Male</b>												
3-5 months .....	289	14.6	0.12	*	13.2	13.5	13.9	14.5	15.4	15.7	16.0	*
6-8 months .....	319	15.3	0.12	*	13.8	14.0	14.4	15.2	16.1	16.6	17.0	*
9-11 months .....	275	15.6	0.12	*	14.1	14.5	14.8	15.7	16.4	16.8	17.1	*
1 year .....	651	16.1	0.08	14.4	14.8	15.0	15.4	16.0	16.9	17.3	17.7	18.3
2 years .....	574	16.5	0.08	14.8	15.1	15.4	15.6	16.3	17.2	17.8	18.0	18.5
3 years .....	483	16.9	0.13	15.0	15.4	15.7	15.9	16.8	17.7	18.2	18.6	19.0
4 years .....	542	17.3	0.11	15.3	15.6	16.0	16.4	17.1	18.0	18.4	19.0	19.5
5 years .....	495	17.9	0.13	15.5	16.0	16.2	16.8	17.7	18.6	19.3	19.6	20.7
6 years .....	279	18.9	0.28	*	16.4	16.8	17.1	18.4	19.6	20.5	22.7	*
7 years .....	268	19.3	0.24	*	17.1	17.6	17.9	18.9	20.3	21.3	21.7	*
8 years .....	261	20.4	0.31	*	17.5	18.0	18.4	19.6	21.8	23.4	24.7	*
9 years .....	276	21.7	0.34	*	18.3	18.6	19.2	20.7	24.2	25.3	27.0	*
10 years .....	294	22.6	0.34	*	18.7	19.2	20.1	22.0	25.0	26.6	27.5	*
11 years .....	281	23.6	0.38	*	19.7	20.0	21.1	22.7	25.5	27.4	28.1	*
12 years .....	202	25.2	0.45	*	*	21.6	23.1	24.1	27.3	28.5	*	*
13 years .....	181	25.7	0.49	*	*	22.0	23.6	24.6	27.8	28.6	*	*
14 years .....	185	28.1	0.78	*	*	23.9	24.3	27.0	29.8	30.6	*	*
15 years .....	183	28.5	0.51	*	*	24.9	25.9	27.5	31.1	33.3	*	*
16 years .....	191	29.2	0.50	*	*	25.6	26.6	28.4	31.2	32.6	*	*
17 years .....	193	30.7	0.51	*	*	26.7	27.7	30.0	33.1	35.3	*	*
18 years .....	168	30.1	0.55	*	*	25.9	27.4	29.6	31.8	34.5	*	*
19 years .....	161	31.5	0.52	*	*	27.8	28.6	30.8	33.7	35.8	*	*
<b>Female</b>												
3-5 months .....	309	14.0	0.13	*	12.7	12.9	13.3	14.0	14.8	15.2	15.6	*
6-8 months .....	262	14.8	0.14	*	*	13.6	13.9	14.7	15.4	16.1	*	*
9-11 months .....	315	15.2	0.12	*	13.8	14.0	14.4	15.2	15.9	16.4	16.7	*
1 year .....	627	15.9	0.09	14.0	14.4	14.7	15.0	15.9	16.7	17.0	17.5	17.9
2 years .....	556	16.3	0.09	*	15.0	15.2	15.5	16.2	17.0	17.4	17.9	*
3 years .....	561	17.0	0.11	15.1	15.5	15.8	16.1	16.8	17.6	18.1	18.5	19.3
4 years .....	527	17.6	0.17	*	15.6	15.9	16.4	17.3	18.2	19.0	19.6	*
5 years .....	555	18.1	0.15	*	16.1	16.3	16.8	17.8	19.0	19.7	20.6	*
6 years .....	273	18.7	0.28	*	*	16.7	17.2	18.1	19.5	21.1	*	*
7 years .....	270	19.9	0.34	*	*	17.1	17.6	19.3	21.4	23.5	*	*
8 years .....	245	20.6	0.35	*	*	17.9	18.6	20.0	21.5	23.3	*	*
9 years .....	272	22.1	0.47	*	*	18.4	19.3	20.9	24.0	26.5	*	*
10 years .....	255	22.6	0.42	*	*	19.0	19.8	21.8	24.6	26.5	*	*
11 years .....	268	23.7	0.40	*	*	20.1	21.2	23.5	25.7	27.4	*	*
12 years .....	233	24.5	0.48	*	*	20.0	21.5	23.8	27.1	28.3	*	*
13 years .....	217	26.3	0.53	*	*	22.1	23.0	25.4	29.1	31.1	*	*
14 years .....	218	26.9	0.49	*	*	23.0	24.0	25.9	29.5	31.1	*	*
15 years .....	189	26.7	0.49	*	*	23.8	24.2	25.9	28.1	30.1	*	*
16 years .....	204	27.3	0.47	*	*	23.5	24.7	26.4	29.5	31.3	*	*
17 years .....	195	27.7	0.50	*	*	24.2	25.2	27.0	29.3	31.2	*	*
18 years .....	170	27.4	0.59	*	*	*	24.4	26.5	29.8	*	*	*
19 years .....	168	28.2	0.63	*	*	*	25.2	27.2	29.6	*	*	*

\* Figure does not meet standard of reliability or precision.  
NOTE: Pregnant women are excluded.