

(38) FOREARM CIRCUMFERENCE, FLEXED

The circumference of the flexed right forearm is measured with a tape passing across the crease at the juncture between the upper arm and the forearm. The measurement is taken in a plane perpendicular to the long axis of the forearm. The participant stands with the upper arm extended forward horizontally, the elbow flexed 90°, and the fist tightly clenched with palm facing the head.



PERCENTILES				
FEMALES			MALES	
CM	IN		CM	IN
22.50	8.86	1ST	26.30	10.35
22.90	9.02	2ND	26.70	10.51
23.20	9.13	3RD	27.00	10.63
23.50	9.25	5TH	27.50	10.83
24.10	9.49	10TH	28.30	11.14
24.50	9.65	15TH	28.80	11.34
24.80	9.76	20TH	29.10	11.46
25.10	9.88	25TH	29.50	11.61
25.40	10.00	30TH	29.80	11.73
25.60	10.08	35TH	30.10	11.85
25.90	10.20	40TH	30.40	11.97
26.10	10.28	45TH	30.70	12.09
26.30	10.35	50TH	31.00	12.20
26.50	10.43	55TH	31.20	12.28
26.80	10.55	60TH	31.50	12.40
27.00	10.63	65TH	31.80	12.52
27.30	10.75	70TH	32.10	12.64
27.60	10.87	75TH	32.40	12.76
27.90	10.98	80TH	32.80	12.91
28.30	11.14	85TH	33.20	13.07
28.70	11.30	90TH	33.80	13.31
29.60	11.65	95TH	34.80	13.70
30.30	11.93	97TH	35.40	13.94
30.70	12.09	98TH	35.80	14.09
31.30	12.32	99TH	36.50	14.37

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FEMALES		
<u>CM</u>		<u>IN</u>
26.41	MEAN	10.40
0.04	STD ERROR (MEAN)	0.02
1.85	STANDARD DEVIATION	0.73
0.03	STD ERROR (STD DEV)	0.01
20.00	MINIMUM	7.87
34.20	MAXIMUM	13.46
SKEWNESS		0.34
KURTOSIS		3.31
COEFFICIENT OF VARIATION		7.0%
NUMBER OF PARTICIPANTS		1980

MALES		
<u>CM</u>		<u>IN</u>
31.01	MEAN	12.21
0.03	STD ERROR (MEAN)	0.01
2.20	STANDARD DEVIATION	0.87
0.02	STD ERROR (STD DEV)	0.01
23.30	MINIMUM	9.17
40.20	MAXIMUM	15.83
SKEWNESS		0.22
KURTOSIS		3.15
COEFFICIENT OF VARIATION		7.1%
NUMBER OF PARTICIPANTS		4082

FREQUENCY TABLE									
FEMALES					MALES				
F	FPct	CumF	CumFPct	CM	F	FPct	CumF	CumFPct	
1	0.05	1	0.05	19.75	-	20.25			
0	0.00	1	0.05	20.25	-	20.75			
0	0.00	1	0.05	20.75	-	21.25			
2	0.10	3	0.15	21.25	-	21.75			
11	0.55	14	0.70	21.75	-	22.25			
16	0.81	30	1.51	22.25	-	22.75			
35	1.76	65	3.27	22.75	-	23.25			
65	3.27	130	6.55	23.25	-	23.75	1	0.02	
90	4.53	220	11.08	23.75	-	24.25	0	0.00	
151	7.60	371	18.68	24.25	-	24.75	3	0.07	
178	8.96	549	27.64	24.75	-	25.25	4	0.10	
193	9.72	742	37.36	25.25	-	25.75	13	0.32	
230	11.58	972	48.94	25.75	-	26.25	19	0.47	
210	10.57	1182	59.52	26.25	-	26.75	44	1.08	
200	10.07	1382	69.59	26.75	-	27.25	75	1.84	
164	8.26	1546	77.84	27.25	-	27.75	94	2.30	
141	7.10	1687	84.94	27.75	-	28.25	155	3.80	
106	5.34	1793	90.28	28.25	-	28.75	197	4.83	
63	3.17	1856	93.45	28.75	-	29.25	281	6.88	
38	1.91	1894	95.37	29.25	-	29.75	317	7.77	
28	1.41	1922	96.78	29.75	-	30.25	356	8.72	
26	1.31	1948	98.09	30.25	-	30.75	339	8.30	
18	0.91	1966	98.99	30.75	-	31.25	388	9.51	
11	0.55	1977	99.55	31.25	-	31.75	333	8.16	
4	0.20	1981	99.75	31.75	-	32.25	330	8.08	
2	0.10	1983	99.85	32.25	-	32.75	289	7.08	
1	0.05	1984	99.90	32.75	-	33.25	237	5.81	
1	0.05	1985	99.95	33.25	-	33.75	183	4.48	
1	0.05	1986	100.00	33.75	-	34.25	127	3.11	
				34.25	-	34.75	92	2.25	
				34.75	-	35.25	72	1.76	
				35.25	-	35.75	41	1.00	
				35.75	-	36.25	38	0.93	
				36.25	-	36.75	17	0.42	
				36.75	-	37.25	15	0.37	
				37.25	-	37.75	8	0.20	
				37.75	-	38.25	6	0.15	
				38.25	-	38.75	6	0.15	
				38.75	-	39.25	1	0.02	
				39.25	-	39.75	0	0.00	
				39.75	-	40.25	1	0.02	