

Normative data

Blood pressure

Source: American Heart Association

Blood Pressure Category	SYSTOLIC mm Hg (upper number)		DIASTOLIC mm Hg (lower number)
Normal	Less than 120	and	Less than 80
Elevated	120-129	and	Less than 80
High blood pressure (hypertension) Stage 1	130-139	or	80-89
High blood pressure (hypertension) Stage 2	140 or higher	or	90 or higher
Hypertensive crisis (consult your doctor immediately)	Higher than 180	and/or	Higher than 120

Grip strength

Source: Camry digital hand dynamometer

Table: Norms for Grip Strength in Kilogram (kgs)						
Age	Men			Women		
	Weak	Normal	Strong	Weak	Normal	Strong
10-11	<12.6	12.6-22.4	>22.4	<11.8	11.8-21.6	>21.6
12-13	<19.4	19.4-31.2	>31.2	<14.6	14.6-24.4	>24.4
14-15	<28.5	28.5-44.3	>44.3	<15.5	15.5-27.3	>27.3
16-17	<32.6	32.6-52.4	>52.4	<17.2	17.2-29.0	>29.0
18-19	<35.7	35.7-55.5	>55.5	<19.2	19.2-31.0	>31.0
20-24	<36.8	36.8-56.6	>56.6	<21.5	21.5-35.3	>35.5
25-29	<37.7	37.7-57.5	>57.5	<25.6	25.6-41.4	>41.4
30-34	<36.0	36.0-55.8	>55.8	<21.5	21.5-35.3	>35.3
35-39	<35.8	35.8-55.6	>55.6	<20.3	20.3-34.1	>34.1
40-44	<35.5	35.5-55.3	>55.3	<18.9	18.8-32.7	>32.7
45-49	<34.7	34.7-54.5	>54.5	<18.6	18.6-32.4	>32.4
50-54	<32.9	32.9-50.7	>50.7	<18.1	18.1-31.9	>31.9
55-59	<30.7	30.7-48.5	>48.5	<17.7	17.7-31.5	>31.5
60-64	<30.2	30.2-48.0	>48.0	<17.2	17.2-31.0	>31.0
65-69	<28.2	28.2-44.0	>44.0	<15.4	15.4-27.2	>27.2
70-99	<21.3	21.3-35.1	>35.1	<14.7	14.7-24.5	>34.5

Balance

Mean scores: Unipedal stance test time by age group and gender for eyes open and closed

Age groups	Gender	Eyes open mean score (seconds)	Eyes closed mean score (seconds)
18-39	Female	43.5	8.5
	Male	43.2	10.2
40-49	Female	40.4	7.4
	Male	40.1	7.3
50-59	Female	36.0	5.0
	Male	38.1	4.5
60-69	Female	25.1	2.5
	Male	28.7	3.1
70-79	Female	11.3	2.2
	Male	18.3	1.9
80-99	Female	7.4	1.4
	Male	5.6	1.3

Springer, B. A., Marin, R., Cyhan, T., Roberts, H., & Gill, N. W. (2007). Normative values for the unipedal stance test with eyes open and closed. *Journal of geriatric physical therapy*, 30(1), 8-15.

Sit to stand

Source: Rikli & Jones

Men			
Age group (years)	Below average	Average	Above average
60-64	< 14	14-19	> 19
65-69	< 12	12-18	> 18
70-74	< 12	12-17	> 17
75-79	< 11	11-17	> 17
80-84	< 10	10-15	> 15
85-89	< 8	8-14	> 14
90-94	< 7	7-12	> 12

Women			
Age group (years)	Below average	Average	Above average
60-64	< 12	12-17	> 17
65-69	< 11	11-16	> 16
70-74	< 10	10-15	> 15
75-79	< 10	10-15	> 15
80-84	< 9	9-14	> 14
85-89	< 8	8-13	> 13
90-94	< 4	4-11	> 11

Rikli R, Jones C, Functional fitness normative scores for community-residing older adults, ages 60-94. *Aging Phys Activity* 1999;7(2):162-81.