

On-line Table: Predicted SCDs from our formula and other published formulas and the actual SCDs

Age (yr)/Sex	BMI	Angle	Predicted Distance (inches)	Actual Distance (inches)	% Δ	Level	Abe, et al ¹⁰ (17 × weight/height + 1) ^a	% Δ	Ma, et al ¹¹ (Male: 1.27 + .18 × BMI, Female: 1.68 + 0.067 × kg) ^a	% Δ	Stocker and Bonsu ¹² (0.5 × weight [kg] + 18) ^b	% Δ	Chong, et al ¹³ (10 × weight/height + 1) ^a	% Δ
28/M	35.93	5	3.7	3.39	9	L2-L3	4.8	42	3.04	10	3.07	9	2.99	12
19/M	31.8	6	3.38	3.22	5	L3-L4	4.06	26	3.17	2	2.58	20	2.56	20
53/M	30.83	6	3.31	3.46	4	L3-L4	4.26	23	2.69	22	2.85	18	2.67	23
43/F	29.52	7	3.2	3.31	3	L3-L4	3.9	18	3.06	8	2.5	24	2.43	27
26/M	34.96	7	3.63	3.22	13	L3-L4	4.2	30	2.97	8	2.65	22	2.63	18
46/M	32.05	-	3.4	3.22	6	L3-L4	4.15	29	2.77	14	2.59	18	2.59	20
25/M	29.43	3	3.2	3.2	0	L3-L4	3.85	20	2.56	20	2.5	22	2.4	25
54/F	43.23	0	4.3	5	14	L2-L3	5.11	2	3.67	27	2.95	41	3.2	36
68/M	23.78	7	2.74	2.99	8	L2-L3	3.23	8	2.17	27	1.8	40	2.1	30
68/M	25.6	-	2.89	3.1	7	L2-L3	3.46	12	2.31	25	2.34	21	2.2	29
64/F	17.08	12	2.21	2.76	20	L2-L3	2.27	18	1.89	32	1.6	42	1.5	46
73/M	21.57	15	2.57	2.56	0.4	L2-L3	2.9	13	2.02	21	1.97	23	1.85	28
49/M	31.55	13	3.36	3.07	9	L2-L3	3.92	28	2.73	11	2.45	20	2.47	20
57/F	19.36	15	2.39	2.83	15.5	L3-L4	2.52	11	2	29	1.74	39	1.65	42
48/M	32.94	0	3.48	3.15	10	L3-L4	3.93	25	2.83	10	2.53	20	2.56	19
73/M	21.57	15	2.57	2.6	3	L3-L4	2.9	12	2.02	22	1.97	24	1.85	29
43/F	33.7	0	3.53	3.23	9	L3-L4	4.17	29	3.17	2	2.56	21	2.61	19
41/M	43.77	12	4.34	3.8	14	L2-L3	5.23	38	3.6	5	3.08	27	3.24	15
39/M	32.07	2	3.41	3.39	1	L3-L4	3.98	17	2.77	18	2.48	19	2.5	26
49/M	31.81	10	3.38	3.31	2	L2-L3	3.95	19	2.75	17	2.47	25	2.49	25
59/F	29.07	9	3.17	3.43	8	L2-L3	3.65	6	2.8	18	2.31	33	2.47	33
30/M	29.32	3	3.19	3.31	4	L2-L3	3.93	19	2.58	22	2.58	22	2.47	25
68/M	24.64	16	2.81	3.07	8	L2-L3	3.32	8	2.24	27	2.24	27	2.11	31
25/F	27.17	6	3.01	3.23	7	L3-L4	3.24	0	2.44	24	2.05	37	2.07	36
57/M	22.24	8	2.59	2.76	6	L3-L4	2.93	6	2.07	25	1.97	29	1.89	32
36/M	46.98	12	4.5	4.72	5	L3-L4	5.75	22	3.82	19	3.34	29	3.54	25
67/F	31.86	10	3.33	3.5	5	L3-L4	3.85	10	2.88	18	2.34	33	2.44	30
23/M	24.95	15	2.8	2.56	9	L4-L5	3.45	35	2.27	11	2.35	8	2.19	14
24/F	44.35	8	4.3	4.06	6	L2-L3	5.67	40	4.37	7	3.47	15	3.5	14
26/M	34.9	9	3.57	3.5	2	L4-L5	4.19	20	2.97	15	2.53	18	2.62	11
66/M	40.17	0	3.97	3.5	14	L3-L4	5.45	56	3.35	4	3.5	0	3.37	4
23/M	22.69	12	2.63	2.76	5	L4-L5	3.17	15	2.1	24	2.2	20	2.03	26
43/F	48.58	9	4.62	3.86	20	L3-L4	5.96	54	4.43	15	3.52	9	3.66	5
45/F	39.06	9	3.89	3.35	16	L2-L3	4.39	31	3.06	9	2.5	25	2.74	18
38/M	33.21	1	3.44	3.5	2	L3-L4	4.29	23	2.85	19	2.72	22	2.69	23
47/M	25.09	7	2.81	2.95	5	L4-L5	3.34	13	2.28	23	2.23	24	2.13	28
29/M	35.36	15	3.6	3.5	3	L2-L3	4.72	35	3	14	3	14	2.93	16
68/M	32.54	15	3.39	3.5	3	L2-L3	4.37	25	2.81	20	2.85	20	2.74	22
31/F	40.61	10	4	5	20	L3-L4	5.22	4	4.05	19	3.24	35	3.23	35
69/M	22.51	12	2.56	2.61	2	L4-L5	3	15	2.09	20	2.3	12	1.92	26
65/F	27.2	10	3	3.5	14	L4-L5	3.34	5	2.6	26	2.15	39	2.15	39
27/M	17.68	5	2.24	2.4	7	L4-L5	2.53	5	1.75	27	1.84	23	1.65	31
61/M	35.63	15	3.62	5	28	L3-L4	4.83	3	3	40	3.12	38	3	40
55/F	28.29	-	3.06	3.15	3	L3-L4	3.66	16	2.89	8	2.36	25	2.31	27
70/F	30.11	8	3.2	3.46	8	L4-L5	3.64	5	2.72	21	2.24	35	2.3	34

Note:—Δ indicates the difference between the predicted lengths by formulas and the actual distance; —, oblique angles were not recorded.

^a Formula results are in centimeters. Columns are centimeters converted to inches.

^b Formula results are in millimeters. Columns are millimeters converted to inches.