



Occupational Safety & Health Administration We Can Help

Regulations (Standards - 29 CFR) - Table of Contents

- **Part Number:** 1910
- **Part Title:** Occupational Safety and Health Standards
- **Subpart:** Z
- **Subpart Title:** Toxic and Hazardous Substances
- **Standard Number:** 1910.1043 App C
- **Title:** Spirometry prediction tables for normal males and females

APPENDIX C -- Spirometry Prediction Tables for Normal Males  
and Females

TABLE 1. PREDICTED FVC FOR MALES (KNUDSON, ET AL.:  
AM. REV. RESPIR. DIS. 1976, 113, 587.)

AGE

HT	17	19	21	23	25	27	29	31	33	35
60.0	3.44	3.59	3.75	3.91	3.72	3.66	3.61	3.55	3.49	3.43
60.5	3.50	3.66	3.81	3.97	3.80	3.75	3.69	3.63	3.57	3.51
61.0	3.56	3.72	3.88	4.03	3.89	3.83	3.77	3.71	3.66	3.60
61.5	3.63	3.78	3.94	4.10	3.97	3.91	3.85	3.80	3.74	3.68
62.0	3.69	3.85	4.00	4.16	4.05	3.99	3.94	3.88	3.82	3.76
62.5	3.76	3.91	4.07	4.22	4.13	4.08	4.02	3.96	3.90	3.84
63.0	3.82	3.97	4.13	4.29	4.22	4.16	4.10	4.04	3.99	3.93
63.5	3.88	4.04	4.19	4.35	4.30	4.25	4.18	4.13	4.07	4.01
64.0	3.95	4.10	4.26	4.41	4.38	4.32	4.27	4.21	4.15	4.09
64.5	4.01	4.17	4.32	4.48	4.46	4.41	4.35	4.29	4.23	4.17
65.0	4.07	4.23	4.39	4.54	4.55	4.49	4.43	4.37	4.32	4.26
65.5	4.14	4.29	4.45	4.60	4.63	4.57	4.51	4.46	4.40	4.34
66.0	4.20	4.36	4.51	4.67	4.71	4.65	4.60	4.54	4.48	4.42
66.5	4.26	4.42	4.58	4.73	4.80	4.74	4.68	4.62	4.56	4.51
67.0	4.33	4.48	4.64	4.80	4.88	4.82	4.76	4.70	4.65	4.59
67.5	4.39	4.55	4.70	4.86	4.96	4.90	4.84	4.79	4.73	4.67
68.0	4.45	4.61	4.77	4.92	5.04	4.98	4.93	4.87	4.81	4.75
68.5	4.52	4.67	4.83	4.99	5.13	5.07	5.01	4.95	4.89	4.84
69.0	4.58	4.74	4.89	5.05	5.21	5.15	5.09	5.03	4.98	4.92
69.5	4.64	4.80	4.96	5.11	5.29	5.23	5.17	5.12	5.06	5.00
70.0	4.71	4.86	5.02	5.18	5.37	5.32	5.26	5.20	5.14	5.08
70.5	4.77	4.93	5.08	5.24	5.46	5.40	5.34	5.28	5.22	5.17
71.0	4.83	4.99	5.15	5.30	5.54	5.48	5.42	5.36	5.31	5.25
71.5	4.90	5.05	5.21	5.37	5.62	5.56	5.50	5.45	5.39	5.33
72.0	4.96	5.12	5.27	5.43	5.70	5.65	5.59	5.53	5.47	5.41
72.5	5.03	5.18	5.34	5.49	5.79	5.73	5.67	5.61	5.55	5.50
73.0	5.09	5.24	5.40	5.56	5.87	5.81	5.75	5.69	5.64	5.58
73.5	5.15	5.31	5.46	5.62	5.95	5.89	5.83	5.78	5.70	5.66
74.0	5.22	5.37	5.53	5.68	6.03	5.98	5.92	5.86	5.80	5.74
74.5	5.28	5.44	5.59	5.75	6.12	6.06	6.00	5.94	5.88	5.83
75.0	5.34	5.50	5.65	5.81	6.20	6.14	6.08	6.02	5.97	5.91

75.5	5.41	5.56	5.72	5.87	6.28	6.22	6.17	6.11	6.05	5.99
76.0	5.47	5.63	5.78	5.94	6.36	6.31	6.25	6.19	6.13	6.07
76.5	5.53	5.69	5.85	6.00	6.45	6.39	6.33	6.27	6.21	6.16
77.0	5.60	5.75	5.91	6.06	6.53	6.47	6.41	6.35	6.30	6.24
77.5	5.66	5.82	5.97	6.13	6.61	6.55	6.50	6.44	6.38	6.32
78.0	5.72	5.88	6.04	6.19	6.69	6.64	6.58	6.52	6.46	6.40
78.5	5.79	5.94	6.10	6.26	6.78	6.72	6.66	6.60	6.54	6.49
79.0	5.85	6.01	6.16	6.32	6.86	6.80	6.74	6.68	6.63	6.57
79.5	5.91	6.07	6.23	6.38	6.94	6.88	6.83	6.77	6.71	6.65
80.0	5.98	6.13	6.29	6.45	7.02	6.97	6.91	6.85	6.79	6.73
80.5	6.04	6.20	6.35	6.51	7.11	7.05	6.99	6.93	6.87	6.82
81.0	6.10	6.26	6.42	6.57	7.19	7.13	7.07	7.02	6.96	6.90
81.5	6.17	6.32	6.48	6.64	7.27	7.21	7.16	7.10	7.04	6.98
82.0	6.23	6.39	6.54	6.70	7.35	7.30	7.24	7.18	7.12	7.06
82.5	6.30	6.45	6.61	6.76	7.44	7.38	7.32	7.26	7.20	7.15
83.0	6.36	6.51	6.67	6.83	7.52	7.46	7.40	7.35	7.29	7.23
83.5	6.42	6.58	6.73	6.89	7.60	7.54	7.49	7.43	7.37	7.31
84.0	6.49	6.64	6.80	6.95	7.68	7.63	7.57	7.51	7.45	7.39
84.5	6.55	6.71	6.86	7.02	7.77	7.71	7.65	7.59	7.53	7.48
85.0	6.61	6.77	6.92	7.08	7.85	7.79	7.73	7.68	7.62	7.56

APPENDIX C -- Spirometry Prediction Tables for Normal Males  
and Females (Continued)

TABLE 1. PREDICTED FVC FOR MALES (KNUDSON, ET AL.:  
AM. REV. RESPIR. DIS. 1976, 113, 587.)

HT	AGE							
	37	39	41	43	45	47	49	51
60.0	3.37	3.32	3.26	3.20	3.14	3.08	3.03	2.97
60.5	3.46	3.40	3.34	3.28	3.22	3.17	3.11	3.05
61.0	3.54	3.48	3.42	3.37	3.31	3.25	3.19	3.13
61.5	3.62	3.56	3.51	3.45	3.39	3.33	3.27	3.22
62.0	3.70	3.65	3.59	3.53	3.47	3.41	3.36	3.30
62.5	3.79	3.73	3.67	3.61	3.55	3.50	3.44	3.38
63.0	3.87	3.81	3.75	3.70	3.64	3.58	3.52	3.46
63.5	3.95	3.89	3.84	3.78	3.72	3.66	3.60	3.55
64.0	4.03	3.98	3.92	3.86	3.80	3.74	3.69	3.63
64.5	4.12	4.06	4.00	3.94	3.88	3.83	3.77	3.71
65.0	4.20	4.14	4.08	4.03	3.97	3.91	3.85	3.79
65.5	4.28	4.22	4.17	4.11	4.05	3.99	3.93	3.88
66.0	4.36	4.31	4.25	4.19	4.13	4.07	4.02	3.96
66.5	4.45	4.39	4.33	4.27	4.22	4.16	4.10	4.04
67.0	4.53	4.47	4.41	4.36	4.30	4.24	4.18	4.12
67.5	4.61	4.55	4.50	4.44	4.38	4.32	4.26	4.21
68.0	4.69	4.64	4.58	4.52	4.46	4.40	4.35	4.29
68.5	4.78	4.72	4.66	4.60	4.55	4.49	4.43	4.37
69.0	4.86	4.80	4.74	4.69	4.63	4.57	4.51	4.45
69.5	4.94	4.88	4.83	4.77	4.71	4.65	4.59	4.54
70.0	5.02	4.97	4.91	4.85	4.79	4.74	4.68	4.62
70.5	5.11	5.05	4.99	4.93	4.88	4.82	4.76	4.70
71.0	5.19	5.13	5.07	5.02	4.96	4.90	4.84	4.78
71.5	5.27	5.21	5.16	5.10	5.04	4.98	4.92	4.87
72.0	5.36	5.30	5.24	5.18	5.12	5.07	5.01	4.95
72.5	5.44	5.38	5.32	5.26	5.21	5.15	5.09	5.03
73.0	5.52	5.46	5.40	5.35	5.29	5.23	5.17	5.11
73.5	5.60	5.54	5.49	5.43	5.37	5.31	5.25	5.20
74.0	5.69	5.63	5.57	5.51	5.45	5.40	5.34	5.28
74.5	5.77	5.71	5.65	5.59	5.54	5.48	5.42	5.36

75.0	5.85	5.79	5.73	5.68	5.62	5.56	5.50	5.44
75.5	5.93	5.88	5.82	5.76	5.70	5.64	5.59	5.53
76.0	6.02	5.96	5.90	5.84	5.78	5.73	5.67	5.61
76.5	6.10	6.04	5.98	5.92	5.87	5.81	5.75	5.69
77.0	6.18	6.12	6.06	6.01	5.95	5.89	5.83	5.77
77.5	6.26	6.21	6.15	6.09	6.03	5.97	5.92	5.86
78.0	6.35	6.29	6.23	6.17	6.11	6.06	6.00	5.94
78.5	6.43	6.37	6.31	6.25	6.20	6.14	6.08	6.02
79.0	6.51	6.45	6.39	6.34	6.28	6.22	6.16	6.10
79.5	6.59	6.54	6.48	6.42	6.36	6.30	6.25	6.19
80.0	6.68	6.62	6.56	6.50	6.44	6.39	6.33	6.27
80.5	6.76	6.70	6.64	6.58	6.53	6.47	6.41	6.35
81.0	6.84	6.78	6.73	6.67	6.61	6.55	6.49	6.44
81.5	6.92	6.87	6.81	6.75	6.69	6.63	6.58	6.52
82.0	7.01	6.95	6.89	6.83	6.77	6.72	6.66	6.60
82.5	7.09	7.03	6.97	6.91	6.86	6.80	6.74	6.68
83.0	7.17	7.11	7.06	7.00	6.94	6.88	6.82	6.77
83.5	7.25	7.20	7.14	7.08	7.02	6.96	6.91	6.85
84.0	7.34	7.28	7.22	7.16	7.10	7.05	6.99	6.93
84.5	7.42	7.36	7.30	7.24	7.19	7.13	7.07	7.01
85.0	7.50	7.44	7.39	7.33	7.27	7.21	7.15	7.10

APPENDIX C -- Spirometry Prediction Tables for Normal Males  
and Females (Continued)

TABLE 1. PREDICTED FVC FOR MALES (KNUDSON, ET AL.:  
AM. REV. RESPIR. DIS. 1976, 113, 587.)

AGE	53	55	57	59	61	63	65
60.0	2.91	2.85	2.79	2.74	2.68	2.62	2.56
60.5	2.99	2.93	2.88	2.82	2.76	2.70	2.64
61.0	3.08	3.02	2.96	2.90	2.84	2.79	2.73
61.5	3.16	3.10	3.04	2.98	2.93	2.87	2.81
62.0	3.24	3.18	3.12	3.07	3.01	2.95	2.89
62.5	3.32	3.26	3.21	3.15	3.09	3.03	2.97
63.0	3.41	3.35	3.29	3.23	3.17	3.12	3.06
63.5	3.49	3.43	3.37	3.31	3.26	3.20	3.14
64.0	3.57	3.51	3.45	3.40	3.34	3.28	3.22
64.5	3.65	3.59	3.54	3.48	3.42	3.36	3.30
65.0	3.74	3.68	3.62	3.56	3.50	3.45	3.39
65.5	3.82	3.76	3.70	3.64	3.59	3.53	3.47
66.0	3.90	3.84	3.78	3.73	3.67	3.61	3.55
66.5	3.98	3.93	3.87	3.81	3.75	3.69	3.64
67.0	4.07	4.01	3.95	3.89	3.83	3.78	3.72
67.5	4.15	4.09	4.03	3.97	3.92	3.86	3.80
68.0	4.23	4.17	4.11	4.06	4.00	3.94	3.88
68.5	4.31	4.26	4.20	4.14	4.08	4.02	3.97
69.0	4.40	4.34	4.28	4.22	4.16	4.11	4.05
69.5	4.48	4.42	4.36	4.30	4.25	4.19	4.13
70.0	4.56	4.50	4.44	4.39	4.33	4.27	4.21
70.5	4.64	4.59	4.53	4.47	4.41	4.35	4.30
71.0	4.73	4.67	4.61	4.55	4.49	4.44	4.38
71.5	4.81	4.75	4.69	4.63	4.58	4.52	4.46
72.0	4.89	4.83	4.78	4.72	4.66	4.60	4.54
72.5	4.97	4.92	4.86	4.80	4.74	4.68	4.63
73.0	5.06	5.00	4.94	4.88	4.82	4.77	4.71
73.5	5.14	5.08	5.02	4.96	4.91	4.85	4.79

74.0	5.22	5.16	5.11	5.05	4.99	4.93	4.87
74.5	5.30	5.25	5.19	5.13	5.07	5.01	4.96
75.0	5.39	5.33	5.27	5.21	5.15	5.10	5.04
75.5	5.47	5.41	5.35	5.30	5.24	5.18	5.12
76.0	5.55	5.49	5.44	5.38	5.32	5.26	5.20
76.5	5.63	5.58	5.52	5.46	5.40	5.34	5.29
77.0	5.72	5.66	5.60	5.54	5.48	5.43	5.37
77.5	5.80	5.74	5.68	5.63	5.57	5.51	5.45
78.0	5.88	5.82	5.77	5.71	5.65	5.59	5.53
78.5	5.96	5.91	5.85	5.79	5.73	5.67	5.62
79.0	6.05	5.99	5.93	5.87	5.81	5.76	5.70
79.5	6.13	6.07	6.01	5.96	5.90	5.84	5.78
80.0	6.21	6.15	6.10	6.04	5.98	5.92	5.86
80.5	6.29	6.24	6.18	6.12	6.06	6.00	5.95
81.0	6.38	6.32	6.26	6.20	6.15	6.09	6.03
81.5	6.46	6.40	6.34	6.29	6.23	6.17	6.11
82.0	6.54	6.48	6.43	6.37	6.31	6.25	6.19
82.5	6.62	6.57	6.51	6.45	6.39	6.33	6.28
83.0	6.71	6.65	6.59	6.53	6.48	6.42	6.36
83.5	6.79	6.73	6.67	6.62	6.56	6.50	6.44
84.0	6.87	6.81	6.76	6.70	6.64	6.58	6.52
84.5	6.95	6.90	6.84	6.78	6.72	6.66	6.61
85.0	7.04	6.98	6.92	6.86	6.81	6.75	6.69

APPENDIX C -- Spirometry Prediction Tables for Normal Males  
and Females

TABLE 2. PREDICTED FEV(1) FOR MALES (KNUDSON. ET AL.:  
AM. REV. RESPIR. DIS. 1976, 113, 587.)

HT	AGE									
	17	19	21	23	25	27	29	31	33	35
60.0	2.97	3.06	3.15	3.24	3.05	2.99	2.94	2.88	2.83	2.78
60.5	3.03	3.12	3.21	3.30	3.11	3.06	3.00	2.95	2.90	2.84
61.0	3.08	3.17	3.26	3.35	3.18	3.12	3.07	3.02	2.96	2.91
61.5	3.14	3.23	3.32	3.41	3.24	3.19	3.14	3.08	3.03	2.97
62.0	3.20	3.29	3.38	3.47	3.31	3.26	3.20	3.15	3.09	3.04
62.5	3.26	3.35	3.44	3.53	3.38	3.32	3.27	3.22	3.16	3.11
63.0	3.32	3.41	3.50	3.59	3.44	3.39	3.34	3.28	3.23	3.17
63.5	3.38	3.47	3.56	3.65	3.51	3.46	3.40	3.35	3.29	3.24
64.0	3.43	3.52	3.61	3.70	3.58	3.52	3.47	3.41	3.36	3.31
64.5	3.49	3.58	3.67	3.76	3.64	3.59	3.53	3.48	3.43	3.37
65.0	3.55	3.64	3.73	3.82	3.71	3.65	3.60	3.55	3.49	3.44
65.5	3.61	3.70	3.79	3.88	3.77	3.72	3.67	3.61	3.56	3.50
66.0	3.67	3.76	3.85	3.94	3.84	3.79	3.73	3.68	3.62	3.57
66.5	3.73	3.82	3.91	4.00	3.91	3.85	3.80	3.74	3.69	3.64
67.0	3.79	3.88	3.97	4.06	3.97	3.92	3.86	3.81	3.76	3.70
67.5	3.84	3.93	4.02	4.11	4.04	3.98	3.93	3.88	3.82	3.77
68.0	3.90	3.99	4.08	4.17	4.10	4.05	4.00	3.94	3.89	3.83
68.5	3.96	4.05	4.14	4.23	4.17	4.12	4.06	4.01	3.95	3.90
69.0	4.02	4.11	4.20	4.29	4.24	4.18	4.13	4.07	4.02	3.97
69.5	4.08	4.17	4.26	4.35	4.30	4.25	4.19	4.14	4.09	4.03
70.0	4.14	4.23	4.32	4.41	4.37	4.31	4.26	4.21	4.15	4.10
70.5	4.19	4.28	4.37	4.46	4.43	4.38	4.33	4.27	4.22	4.16
71.0	4.25	4.34	4.43	4.52	4.50	4.45	4.39	4.34	4.28	4.23
71.5	4.31	4.40	4.49	4.58	4.57	4.51	4.46	4.40	4.35	4.30
72.0	4.37	4.46	4.55	4.64	4.63	4.58	4.52	4.47	4.42	4.36
72.5	4.43	4.52	4.61	4.70	4.70	4.64	4.59	4.54	4.48	4.43
73.0	4.49	4.58	4.67	4.76	4.76	4.71	4.66	4.60	4.55	4.49
73.5	4.54	4.63	4.72	4.81	4.83	4.78	4.72	4.67	4.61	4.56
74.0	4.60	4.69	4.78	4.87	4.90	4.84	4.79	4.73	4.68	4.63

74.5	4.66	4.75	4.84	4.93	4.96	4.91	4.85	4.80	4.75	4.69
75.0	4.72	4.81	4.90	4.99	5.03	4.97	4.92	4.87	4.81	4.76
75.5	4.78	4.87	4.96	5.05	5.09	5.04	4.99	4.93	4.88	4.82
76.0	4.84	4.93	5.02	5.11	5.16	5.11	5.05	5.00	4.94	4.89
76.5	4.90	4.99	5.08	5.17	5.23	5.17	5.12	5.06	5.01	4.96
77.0	4.95	5.04	5.13	5.22	5.29	5.24	5.18	5.13	5.08	5.02
77.5	5.01	5.10	5.19	5.28	5.36	5.30	5.25	5.20	5.14	5.09
78.0	5.07	5.16	5.25	5.34	5.42	5.37	5.32	5.26	5.21	5.15
78.5	5.13	5.22	5.31	5.40	5.49	5.44	5.38	5.33	5.27	5.22
79.0	5.19	5.28	5.37	5.46	5.56	5.50	5.45	5.39	5.34	5.29
79.5	5.25	5.34	5.43	5.52	5.62	5.57	5.51	5.46	5.41	5.35
80.0	5.30	5.39	5.48	5.57	5.69	5.63	5.58	5.53	5.47	5.42
80.5	5.36	5.45	5.54	5.63	5.75	5.70	5.65	5.59	5.54	5.48
81.0	5.42	5.51	5.60	5.69	5.82	5.77	5.71	5.66	5.60	5.55
81.5	5.48	5.57	5.66	5.75	5.89	5.83	5.78	5.72	5.67	5.62
82.0	5.54	5.63	5.72	5.81	5.95	5.90	5.84	5.79	5.74	5.68
82.5	5.60	5.69	5.78	5.87	6.02	5.96	5.91	5.86	5.80	5.75
83.0	5.65	5.74	5.83	5.92	6.08	6.03	5.98	5.92	5.87	5.81
83.5	5.71	5.80	5.90	5.98	6.15	6.10	6.04	5.99	5.93	5.88
84.0	5.77	5.86	5.95	6.04	6.22	6.16	6.11	6.05	6.00	5.95
84.5	5.83	5.92	6.01	6.10	6.28	6.23	6.12	6.17	6.07	6.01
85.0	5.89	5.98	6.07	6.16	6.36	6.29	6.24	6.19	6.13	6.06

APPENDIX C -- Spirometry Prediction Tables for Normal Males  
and Females (Continued)

TABLE 2. PREDICTED FEV(1) FOR MALES (KNUDSON. ET AL.:  
AM. REV. RESPIR. DIS. 1976, 113, 587.)

HT	AGE							
	37	39	41	43	45	47	49	51
60.0	2.72	2.67	2.61	2.56	2.51	2.45	2.40	2.34
60.5	2.79	2.73	2.68	2.63	2.57	2.52	2.46	2.41
61.0	2.85	2.80	2.75	2.69	2.64	2.58	2.53	2.48
61.5	2.92	2.87	2.81	2.76	2.70	2.65	2.60	2.54
62.0	2.99	2.93	2.88	2.82	2.77	2.72	2.66	2.61
62.5	3.05	3.00	2.95	2.89	2.84	2.78	2.73	2.68
63.0	3.12	3.07	3.01	2.96	2.90	2.85	2.80	2.74
63.5	3.19	3.13	3.08	3.02	2.97	2.92	2.86	2.81
64.0	3.25	3.20	3.14	3.09	3.04	2.98	2.93	2.87
64.5	3.32	3.26	3.21	3.16	3.10	3.05	2.99	2.94
65.0	3.38	3.33	3.28	3.22	3.17	3.11	3.06	3.01
65.5	3.45	3.40	3.34	3.29	3.23	3.18	3.13	3.07
66.0	3.52	3.46	3.41	3.35	3.30	3.25	3.19	3.14
66.5	3.58	3.53	3.47	3.42	3.37	3.31	3.26	3.20
67.0	3.65	3.59	3.54	3.49	3.43	3.38	3.32	3.27
67.5	3.71	3.66	3.61	3.55	3.50	3.44	3.39	3.34
68.0	3.78	3.73	3.67	3.62	3.56	3.51	3.46	3.40
68.5	3.85	3.79	3.74	3.68	3.63	3.58	3.52	3.47
69.0	3.91	3.86	3.80	3.75	3.70	3.64	3.59	3.53
69.5	3.98	3.92	3.87	3.82	3.76	3.71	3.65	3.60
70.0	4.04	3.99	3.94	3.88	3.83	3.77	3.72	3.67
70.5	4.11	4.06	4.00	3.95	3.89	3.84	3.79	3.73
71.0	4.18	4.12	4.07	4.01	3.96	3.91	3.85	3.80
71.5	4.24	4.19	4.13	4.08	4.03	3.97	3.92	3.86
72.0	4.31	4.25	4.20	4.15	4.09	4.04	3.98	3.93
72.5	4.37	4.32	4.27	4.21	4.16	4.10	4.05	4.00
73.0	4.44	4.39	4.33	4.28	4.22	4.17	4.12	4.06

73.5	4.51	4.45	4.40	4.34	4.29	4.24	4.18	4.13
74.0	4.57	4.52	4.46	4.41	4.36	4.30	4.25	4.19
74.5	4.64	4.58	4.53	4.48	4.42	4.37	4.31	4.26
75.0	4.70	4.65	4.60	4.54	4.49	4.43	4.38	4.33
75.5	4.77	4.72	4.66	4.61	4.55	4.50	4.45	4.39
76.0	4.84	4.78	4.73	4.67	4.62	4.57	4.51	4.46
76.5	4.90	4.85	4.79	4.74	4.69	4.63	4.58	4.52
77.0	4.97	4.91	4.86	4.81	4.75	4.70	4.64	4.59
77.5	5.03	4.98	4.93	4.87	4.82	4.76	4.71	4.66
78.0	5.10	5.05	4.99	4.94	4.88	4.83	4.78	4.72
78.5	5.17	5.11	5.06	5.00	4.95	4.90	4.84	4.79
79.0	5.23	5.18	5.12	5.07	5.02	4.96	4.91	4.85
79.5	5.30	5.24	5.19	5.14	5.08	5.03	4.97	4.92
80.0	5.36	5.31	5.26	5.20	5.15	5.09	5.04	4.99
80.5	5.43	5.38	5.32	5.27	5.21	5.16	5.11	5.05
81.0	5.50	5.44	5.39	5.33	5.28	5.23	5.17	5.12
81.5	5.56	5.51	5.45	5.40	5.35	5.29	5.24	5.18
82.0	5.63	5.57	5.52	5.47	5.41	5.36	5.30	5.25
82.5	5.69	6.64	5.59	5.53	5.48	5.42	5.37	5.32
83.0	5.76	5.71	5.65	5.60	5.54	5.49	5.44	5.38
83.5	5.83	5.77	5.72	5.66	5.61	5.56	5.50	5.45
84.0	5.89	5.84	5.78	5.73	5.68	5.62	5.57	5.51
84.5	5.96	5.90	5.85	5.80	5.74	5.69	5.63	5.58
85.0	6.02	5.97	5.92	5.86	5.81	5.75	5.70	5.65

APPENDIX C -- Spirometry Prediction Tables for Normal Males  
and Females (Continued)

TABLE 2. PREDICTED FEV(1) FOR MALES (KNUDSON. ET AL.:  
AM. REV. RESPIR. DIS. 1976, 113, 587.)

HT	AGE						
	53	55	57	59	61	63	65
60.0	2.29	2.24	2.18	2.13	2.07	2.02	1.97
60.5	2.36	2.30	2.25	2.19	2.14	2.09	2.03
61.0	2.42	2.37	2.31	2.26	2.21	2.15	2.10
61.5	2.49	2.43	2.38	2.33	2.27	2.22	2.16
62.0	2.55	2.50	2.45	2.39	2.34	2.28	2.23
62.5	2.62	2.57	2.51	2.46	2.41	2.35	2.30
63.0	2.69	2.63	2.58	2.53	2.47	2.42	2.36
63.5	2.75	2.70	2.65	2.59	2.54	2.48	2.43
64.0	2.82	2.77	2.71	2.66	2.60	2.55	2.50
64.5	2.89	2.83	2.78	2.72	2.67	2.62	2.56
65.0	2.95	2.90	2.84	2.79	2.74	2.68	2.63
65.5	3.02	2.96	2.91	2.86	2.80	2.75	2.69
66.0	3.08	3.03	2.98	2.92	2.87	2.81	2.76
66.5	3.15	3.10	3.04	2.99	2.93	2.88	2.83
67.0	3.22	3.16	3.11	3.05	3.00	2.95	2.89
67.5	3.28	3.23	3.17	3.12	3.07	3.01	2.96
68.0	3.35	3.29	3.24	3.19	3.13	3.08	3.02
68.5	3.41	3.36	3.31	3.25	3.20	3.14	3.09
69.0	3.48	3.43	3.37	3.32	3.26	3.21	3.16
69.5	3.55	3.49	3.44	3.38	3.33	3.28	3.22
70.0	3.61	3.56	3.50	3.45	3.40	3.34	3.29
70.5	3.68	3.62	3.57	3.52	3.46	3.41	3.35
71.0	3.74	3.69	3.64	3.58	3.53	3.47	3.42
71.5	3.81	3.76	3.70	3.65	3.59	3.54	3.49
72.0	3.88	3.82	3.77	3.71	3.66	3.61	3.55
72.5	3.94	3.89	3.83	3.78	3.73	3.67	3.62

73.0	4.01	3.95	3.90	3.85	3.79	3.74	3.68
73.5	4.07	4.02	3.97	3.91	3.86	3.80	3.75
74.0	4.14	4.09	4.03	3.98	3.92	3.87	3.82
74.5	4.21	4.15	4.10	4.04	3.99	3.94	3.88
75.0	4.27	4.22	4.16	4.11	4.06	4.00	3.95
75.5	4.34	4.28	4.23	4.18	4.12	4.07	4.01
76.0	4.40	4.35	4.30	4.24	4.19	4.13	4.08
76.5	4.47	4.42	4.36	4.31	4.25	4.20	4.15
77.0	4.54	4.48	4.43	4.37	4.32	4.27	4.21
77.5	4.60	4.55	4.49	4.44	4.39	4.33	4.28
78.0	4.67	4.61	4.56	4.51	4.45	4.40	4.34
78.5	4.73	4.68	4.63	4.57	4.52	4.46	4.41
79.0	4.80	4.75	4.69	4.64	4.58	4.53	4.48
79.5	4.87	4.81	4.76	4.70	4.65	4.60	4.54
80.0	4.93	4.88	4.82	4.77	4.72	4.66	4.61
80.5	5.00	4.94	4.89	4.84	4.78	4.73	4.67
81.0	5.06	5.01	4.96	4.90	4.85	4.79	4.74
81.5	5.13	5.08	5.02	4.97	4.91	4.86	4.81
82.0	5.20	5.14	5.09	5.03	4.98	4.93	4.87
82.5	5.26	5.21	5.15	5.10	5.05	4.99	4.94
83.0	5.33	5.27	5.22	5.17	5.11	5.06	5.00
83.5	5.39	5.34	5.29	5.23	5.18	5.12	5.07
84.0	5.46	5.41	5.35	5.30	5.24	5.19	5.14
84.5	5.53	5.47	5.42	5.36	5.31	5.26	5.20
85.0	5.59	5.54	5.58	5.43	5.38	5.32	5.27

APPENDIX C -- Spirometry Prediction Tables for Normal  
Males and Females

TABLE 3. PREDICTED FVC FOR FEMALES (KNUDSON, ET AL.:  
AM. REV. RESPIR. DIS. 1976, 113, 587.)

HT	AGE									
	17	19	21	23	25	27	29	31	33	35
52.0	2.45	2.64	2.65	2.61	2.56	2.52	2.47	2.43	2.39	2.34
52.5	2.50	2.68	2.70	2.65	2.61	2.57	2.52	2.48	2.43	2.39
53.0	2.54	2.72	2.74	2.70	2.66	2.61	2.57	2.52	2.48	2.44
53.5	2.58	2.76	2.79	2.75	2.70	2.66	2.62	2.57	2.53	2.48
54.0	2.62	2.81	2.84	2.79	2.75	2.71	2.66	2.62	2.57	2.53
54.5	2.66	2.85	2.89	2.84	2.80	2.75	2.71	2.67	2.62	2.58
55.0	2.71	2.89	2.93	2.89	2.84	2.80	2.76	2.71	2.67	2.62
55.5	2.75	2.93	2.98	2.94	2.89	2.85	2.80	2.76	2.72	2.67
56.0	2.79	2.97	3.03	2.98	2.94	2.89	2.85	2.81	2.76	2.72
56.5	2.83	3.01	3.07	3.03	2.99	2.94	2.90	2.85	2.81	2.77
57.0	2.87	3.06	3.12	3.08	3.03	2.99	2.94	2.90	2.86	2.81
57.5	2.91	3.10	3.17	3.12	3.08	3.04	2.99	2.95	2.90	2.86
58.0	2.96	3.14	3.21	3.17	3.13	3.08	3.04	2.99	2.95	2.91
58.5	3.00	3.18	3.26	3.22	3.17	3.13	3.09	3.04	3.00	2.95
59.0	3.04	3.22	3.31	3.26	3.22	3.18	3.13	3.09	3.04	3.00
59.5	3.08	3.27	3.36	3.31	3.27	3.22	3.18	3.14	3.09	3.05
60.0	3.12	3.31	3.40	3.36	3.31	3.27	3.23	3.18	3.14	3.09
60.5	3.17	3.35	3.45	3.41	3.36	3.32	3.27	3.23	3.19	3.14
61.0	3.21	3.39	3.50	3.45	3.41	3.36	3.32	3.28	3.23	3.19
61.5	3.25	3.43	3.54	3.50	3.46	3.41	3.37	3.32	3.28	3.24
62.0	3.29	3.48	3.59	3.55	3.50	3.46	3.41	3.37	3.33	3.28
62.5	3.33	3.52	3.64	3.59	3.55	3.51	3.46	3.42	3.37	3.33
63.0	3.38	3.56	3.68	3.64	3.60	3.55	3.51	3.46	3.42	3.38
63.5	3.42	3.60	3.73	3.69	3.64	3.60	3.56	3.51	3.47	3.42
64.0	3.46	3.64	3.78	3.73	3.69	3.65	3.60	3.56	3.51	3.47
64.5	3.50	3.69	3.83	3.78	3.74	3.69	3.65	3.61	3.56	3.52
65.0	3.54	3.73	3.87	3.83	3.78	3.74	3.70	3.65	3.61	3.56

65.5	3.59	3.77	3.92	3.88	3.83	3.79	3.74	3.70	3.66	3.61
66.0	3.63	3.81	3.97	3.92	3.88	3.83	3.79	3.75	3.70	3.66
66.5	3.67	3.85	4.01	3.97	3.93	3.88	3.84	3.79	3.75	3.71
67.0	3.71	3.89	4.06	4.02	3.97	3.93	3.88	3.84	3.80	3.75
67.5	3.75	3.94	4.11	4.06	4.02	3.98	3.93	3.89	3.84	3.80
68.0	3.79	3.98	4.15	4.11	4.07	4.02	3.98	3.93	3.89	3.85
68.5	3.84	4.02	4.20	4.16	4.11	4.07	4.03	3.98	3.94	3.89
69.0	3.88	4.06	4.25	4.20	4.16	4.12	4.07	4.03	3.98	3.94
69.5	3.92	4.10	4.30	4.29	4.21	4.16	4.12	4.08	4.03	3.99
70.0	3.96	4.15	4.34	4.30	4.25	4.21	4.17	4.12	4.08	4.03
70.5	4.00	4.19	4.39	4.35	4.30	4.26	4.21	4.17	4.13	4.08
71.0	4.05	4.23	4.44	4.39	4.35	4.30	4.26	4.22	4.17	4.13
71.5	4.09	4.27	4.48	4.44	4.40	4.35	4.31	4.26	4.22	4.18
72.0	4.13	4.31	4.53	4.49	4.44	4.40	4.35	4.31	4.27	4.22
72.5	4.17	4.36	4.58	4.53	4.49	4.45	4.40	4.36	4.31	4.27
73.0	4.21	4.40	4.62	4.58	4.54	4.49	4.45	4.40	4.36	4.32
73.5	4.26	4.44	4.67	4.63	4.50	4.54	4.50	4.45	4.41	4.36
74.0	4.30	4.48	4.72	4.67	4.63	4.59	4.54	4.50	4.45	4.41
74.5	4.34	4.52	4.77	4.72	4.68	4.63	4.59	4.55	4.50	4.46
75.0	4.38	4.57	4.81	4.77	4.72	4.68	4.64	4.59	4.55	4.50
75.5	4.42	4.61	4.86	4.82	4.77	4.73	4.68	4.64	4.60	4.55
76.0	4.47	4.65	4.91	4.86	4.82	4.77	4.73	4.69	4.64	4.60
76.5	4.51	4.69	4.95	4.91	4.87	4.82	4.78	4.73	4.69	4.65
77.0	4.55	4.73	5.00	4.96	4.91	4.87	4.82	4.78	4.74	4.69

APPENDIX C -- Spirometry Prediction Tables for  
Normal Males and Females (Continued)

TABLE 3. PREDICTED FVC FOR FEMALES (KNUDSON, ET AL.:  
AM. REV. RESPIR. DIS. 1976, 113, 587.)

HT	AGE							
	37	39	41	43	45	47	49	51
52.0	2.30	2.25	2.21	2.17	2.12	2.08	2.03	1.99
52.5	2.35	2.30	2.26	2.21	2.17	2.13	2.08	2.04
53.0	2.39	2.35	2.30	2.26	2.22	2.17	2.13	2.08
53.5	2.44	2.40	2.35	2.31	2.26	2.22	2.18	2.13
54.0	2.49	2.44	2.40	2.35	2.31	2.27	2.22	2.18
54.5	2.53	2.49	2.45	2.40	2.36	2.31	2.27	2.23
55.0	2.58	2.54	2.49	2.45	2.40	2.36	2.32	2.27
55.5	2.63	2.58	2.54	2.50	2.45	2.41	2.36	2.32
56.0	2.67	2.63	2.59	2.54	2.50	2.45	2.41	2.37
56.5	2.72	2.68	2.63	2.59	2.55	2.50	2.46	2.41
57.0	2.77	2.72	2.68	2.64	2.59	2.55	2.50	2.46
57.5	2.82	2.77	2.73	2.68	2.64	2.60	2.55	2.51
58.0	2.86	2.82	2.77	2.73	2.69	2.64	2.60	2.55
58.5	2.91	2.87	2.82	2.78	2.73	2.69	2.65	2.60
59.0	2.96	2.91	2.87	2.82	2.78	2.74	2.69	2.65
59.5	3.00	2.96	2.92	2.87	2.83	2.78	2.74	2.70
60.0	3.05	3.01	2.96	2.92	2.87	2.83	2.79	2.74
60.5	3.10	3.05	3.01	2.97	2.92	2.88	2.83	2.79
61.0	3.14	3.10	3.06	3.01	2.97	2.92	2.88	2.84
61.5	3.19	3.15	3.10	3.06	3.02	2.97	2.93	2.88
62.0	3.24	3.19	3.15	3.11	3.06	3.02	2.97	2.93
62.5	3.29	3.24	3.20	3.15	3.11	3.07	3.02	2.98
63.0	3.33	3.29	3.24	3.20	3.16	3.11	3.07	3.02
63.5	3.38	3.34	3.29	3.25	3.20	3.16	3.12	3.07
64.0	3.43	3.38	3.34	3.29	3.25	3.21	3.16	3.12
64.5	3.47	3.43	3.39	3.34	3.30	3.25	3.21	3.17
65.0	3.52	3.48	3.43	3.39	3.34	3.30	3.26	3.21



65.5	3.57	3.52	3.48	3.44	3.39	3.35	3.30	3.26
66.0	3.61	3.57	3.53	3.48	3.44	3.39	3.35	3.31
66.5	3.66	3.62	3.57	3.53	3.49	3.44	3.40	3.35
67.0	3.71	3.66	3.62	3.58	3.53	3.49	3.44	3.40
67.5	3.76	3.71	3.67	3.62	3.58	3.54	3.49	3.45
68.0	3.80	3.76	3.71	3.67	3.63	3.58	3.54	3.49
68.5	3.85	3.81	3.76	3.72	3.67	3.63	3.59	3.54
69.0	3.90	3.85	3.81	3.76	3.72	3.68	3.63	3.59
69.5	3.94	3.90	3.86	3.81	3.77	3.72	3.68	3.64
70.0	3.99	3.95	3.90	3.86	3.81	3.77	3.73	3.68
70.5	4.04	3.99	3.95	3.91	3.86	3.82	3.77	3.73
71.0	4.08	4.04	4.00	3.95	3.91	3.86	3.82	3.78
71.5	4.13	4.09	4.04	4.00	3.96	3.91	3.87	3.82
72.0	4.18	4.13	4.09	4.05	4.00	3.96	3.91	3.87
72.5	4.23	4.18	4.14	4.09	4.05	4.01	3.96	3.92
73.0	4.27	4.23	4.18	4.14	4.10	4.05	4.01	3.96
73.5	4.32	4.28	4.23	4.19	4.14	4.10	4.06	4.01
74.0	4.37	4.32	4.28	4.23	4.19	4.15	4.10	4.06
74.5	4.41	4.37	4.33	4.28	4.24	4.19	4.15	4.11
75.0	4.46	4.42	4.37	4.33	4.28	4.24	4.20	4.15
75.5	4.51	4.46	4.42	4.38	4.33	4.29	4.24	4.20
76.0	4.55	4.51	4.47	4.42	4.38	4.33	4.29	4.25
76.5	4.60	4.56	4.51	4.47	4.43	4.38	4.34	4.29
77.0	4.65	4.60	4.56	4.52	4.47	4.43	4.38	4.34

APPENDIX C -- Spirometry Prediction Tables for  
Normal Males and Females (Continued)

TABLE 3. PREDICTED FVC FOR FEMALES (KNUDSON, ET AL.:  
AM. REV. RESPIR. DIS. 1976, 113, 587.)

HT	AGE						
	53	55	57	59	61	63	65
52.0	1.95	1.90	1.86	1.81	1.77	1.73	1.68
52.5	1.99	1.95	1.91	1.86	1.82	1.77	1.73
53.0	2.04	2.00	1.95	1.91	1.86	1.82	1.78
53.5	2.09	2.04	2.00	1.96	1.91	1.87	1.82
54.0	2.13	2.09	2.05	2.00	1.96	1.91	1.87
54.5	2.18	2.14	2.09	2.05	2.01	1.96	1.92
55.0	2.23	2.18	2.14	2.10	2.05	2.01	1.96
55.5	2.28	2.23	2.19	2.14	2.10	2.06	2.01
56.0	2.32	2.28	2.23	2.19	2.15	2.10	2.06
56.5	2.37	2.33	2.28	2.24	2.19	2.15	2.11
57.0	2.42	2.37	2.33	2.28	2.24	2.20	2.15
57.5	2.46	2.42	2.38	2.33	2.29	2.24	2.20
58.0	2.51	2.47	2.42	2.38	2.33	2.29	2.25
58.5	2.56	2.51	2.47	2.43	2.38	2.34	2.29
59.0	2.60	2.56	2.52	2.47	2.43	2.38	2.34
59.5	2.65	2.61	2.56	2.52	2.48	2.43	2.39
60.0	2.70	2.65	2.61	2.57	2.52	2.48	2.43
60.5	2.75	2.70	2.66	2.61	2.57	2.53	2.48
61.0	2.79	2.75	2.70	2.66	2.62	2.57	2.53
61.5	2.84	2.80	2.75	2.71	2.66	2.62	2.58
62.0	2.89	2.84	2.80	2.75	2.71	2.67	2.62
62.5	2.93	2.89	2.85	2.80	2.76	2.71	2.67
63.0	2.98	2.94	2.89	2.85	2.80	2.76	2.72
63.5	3.03	2.98	2.94	2.90	2.85	2.81	2.76
64.0	3.07	3.03	2.99	2.94	2.90	2.85	2.81
64.5	3.12	3.08	3.03	2.99	2.95	2.90	2.86
65.0	3.17	3.12	3.08	3.04	2.99	2.95	2.90

65.5	3.22	3.17	3.13	3.08	3.04	3.00	2.95
66.0	3.26	3.22	3.17	3.13	3.09	3.04	3.00
66.5	3.31	3.27	3.22	3.18	3.13	3.09	3.05
67.0	3.36	3.31	3.27	3.22	3.18	3.14	3.09
67.5	3.40	3.36	3.32	3.27	3.23	3.18	3.14
68.0	3.45	3.41	3.36	3.32	3.27	3.23	3.19
68.5	3.50	3.45	3.41	3.37	3.32	3.28	3.23
69.0	3.54	3.50	3.46	3.41	3.37	3.32	3.28
69.5	3.59	3.55	3.50	3.46	3.42	3.37	3.33
70.0	3.64	3.59	3.55	3.51	3.46	3.42	3.37
70.5	3.69	3.64	3.60	3.55	3.51	3.47	3.42
71.0	3.73	3.69	3.64	3.60	3.56	3.51	3.47
71.5	3.78	3.74	3.69	3.65	3.60	3.56	3.52
72.0	3.83	3.78	3.74	3.69	3.65	3.61	3.56
72.5	3.87	3.83	3.79	3.74	3.70	3.65	3.61
73.0	3.92	3.88	3.83	3.79	3.74	3.70	3.66
73.5	3.97	3.92	3.88	3.84	3.79	3.75	3.70
74.0	4.01	3.97	3.93	3.88	3.84	3.79	3.75
74.5	4.06	4.02	3.97	3.93	3.89	3.84	3.80
75.0	4.11	4.06	4.02	3.98	3.93	3.89	3.84
75.5	4.16	4.11	4.07	4.02	3.98	3.94	3.89
76.0	4.20	4.16	4.11	4.07	4.03	3.98	3.94
76.5	4.25	4.21	4.16	4.12	4.07	4.03	3.99
77.0	4.30	4.25	4.21	4.16	4.12	4.08	4.03

APPENDIX C -- Spirometry Prediction Tables for  
Normal Males and Females

TABLE 4. PREDICTED FEV(1) FOR FEMALES  
(KNUDSON, ET AL.: AM. REV. RESPIR. DIS. 1976, 113, 587.)

HT	AGE									
	17	19	21	23	25	27	29	31	33	35
52.0	2.31	2.48	2.33	2.29	2.25	2.21	2.16	2.12	2.08	2.04
52.5	2.34	2.51	2.37	2.32	2.28	2.24	2.20	2.16	2.11	2.07
53.0	2.38	2.55	2.40	2.36	2.32	2.27	2.23	2.19	2.15	2.11
53.5	2.41	2.58	2.43	2.39	2.35	2.31	2.27	2.22	2.18	2.14
54.0	2.45	2.62	2.47	2.43	2.38	2.34	2.30	2.26	2.22	2.17
54.5	2.48	2.65	2.50	2.46	2.42	2.38	2.33	2.29	2.25	2.21
55.0	2.51	2.68	2.54	2.49	2.45	2.41	2.37	2.33	2.28	2.24
55.5	2.55	2.72	2.57	2.53	2.49	2.45	2.40	2.36	2.32	2.28
56.0	2.58	2.75	2.61	2.56	2.52	2.48	2.44	2.40	2.35	2.31
56.5	2.62	2.79	2.64	2.60	2.56	2.51	2.47	2.43	2.39	2.35
57.0	2.65	2.82	2.67	2.63	2.59	2.55	2.51	2.46	2.42	2.38
57.5	2.69	2.86	2.71	2.67	2.62	2.58	2.54	2.50	2.46	2.41
58.0	2.72	2.89	2.74	2.70	2.66	2.62	2.57	2.53	2.49	2.45
58.5	2.75	2.92	2.78	2.73	2.69	2.65	2.61	2.57	2.52	2.48
59.0	2.79	2.96	2.81	2.77	2.73	2.69	2.64	2.60	2.56	2.52
59.5	2.82	2.99	2.85	2.80	2.76	2.72	2.68	2.64	2.59	2.55
60.0	2.86	3.03	2.88	2.84	2.80	2.75	2.71	2.67	2.63	2.59
60.5	2.89	3.06	2.91	2.87	2.83	2.79	2.75	2.70	2.66	2.62
61.0	2.93	3.10	2.95	2.91	2.86	2.82	2.78	2.74	2.70	2.65
61.5	2.96	3.13	2.98	2.94	2.90	2.86	2.81	2.77	2.73	2.69
62.0	2.99	3.16	3.02	2.97	2.93	2.89	2.85	2.81	2.76	2.72
62.5	3.03	3.20	3.05	3.01	2.97	2.93	2.88	2.84	2.80	2.76
63.0	3.06	3.23	3.09	3.04	3.00	2.96	2.92	2.88	2.83	2.79
63.5	3.10	3.27	3.12	3.08	3.04	2.99	2.95	2.91	2.87	2.83
64.0	3.13	3.30	3.15	3.11	3.07	3.03	2.99	2.94	2.90	2.86
64.5	3.17	3.34	3.19	3.15	3.10	3.06	3.02	2.98	2.94	2.89

65.0	3.20	3.37	3.22	3.18	3.14	3.10	3.05	3.01	2.97	2.93
65.5	3.23	3.40	3.26	3.21	3.17	3.13	3.09	3.05	3.00	2.96
66.0	3.27	3.44	3.29	3.25	3.21	3.17	3.12	3.08	3.04	3.00
66.5	3.30	3.47	3.33	3.28	3.24	3.20	3.16	3.12	3.07	3.03
67.0	3.34	3.51	3.36	3.32	3.28	3.23	3.19	3.15	3.11	3.07
67.5	3.37	3.54	3.39	3.35	3.31	3.27	3.23	3.18	3.14	3.10
68.0	3.41	3.58	3.43	3.39	3.34	3.30	3.26	3.22	3.18	3.13
68.5	3.44	3.61	3.46	3.42	3.38	3.34	3.29	3.25	3.21	3.17
69.0	3.47	3.64	3.50	3.46	3.41	3.37	3.33	3.29	3.25	3.20
69.5	3.51	3.68	3.53	3.49	3.45	3.41	3.36	3.32	3.28	3.24
70.0	3.54	3.71	3.57	3.52	3.48	3.44	3.40	3.36	3.31	3.27
70.5	3.58	3.75	3.60	3.56	3.52	3.47	3.43	3.39	3.35	3.31
71.0	3.61	3.78	3.63	3.59	3.55	3.51	3.47	3.42	3.38	3.34
71.5	3.65	3.82	3.67	3.63	3.58	3.54	3.50	3.46	3.42	3.37
72.0	3.68	3.85	3.70	3.66	3.62	3.58	3.53	3.49	3.45	3.41
72.5	3.71	3.88	3.74	3.70	3.65	3.61	3.57	3.53	3.49	3.44
73.0	3.75	3.92	3.77	3.73	3.69	3.65	3.60	3.56	3.52	3.48
73.5	3.78	3.95	3.81	3.76	3.72	3.68	3.64	3.60	3.55	3.51
74.0	3.82	3.99	3.84	3.80	3.76	3.71	3.67	3.63	3.59	3.55
74.5	3.85	4.02	3.87	3.83	3.79	3.75	3.71	3.66	3.62	3.58
75.0	3.89	4.06	3.91	3.87	3.82	3.78	3.74	3.70	3.66	3.61
75.5	3.92	4.09	3.94	3.90	3.86	3.82	3.77	3.73	3.69	3.65
76.0	3.95	4.12	3.98	3.94	3.89	3.85	3.81	3.77	3.73	3.68
76.5	3.99	4.16	4.01	3.97	3.93	3.89	3.84	3.80	3.76	3.72
77.0	4.02	4.19	4.05	4.00	3.96	3.92	3.88	3.84	3.79	3.75

APPENDIX C -- Spirometry Prediction Tables for  
Normal Males and Females (Continued)

TABLE 4. PREDICTED FEV(1) FOR FEMALES  
(KNUDSON, ET AL.: AM. REV. RESPIR. DIS. 1976, 113, 587.)

HT	AGE							
	37	39	41	43	45	47	49	51
52.0	2.00	1.95	1.91	1.87	1.83	1.79	1.74	1.70
52.5	2.03	1.99	1.95	1.90	1.86	1.82	1.78	1.74
53.0	2.06	2.02	1.98	1.94	1.90	1.85	1.81	1.77
53.5	2.10	2.06	2.01	1.97	1.93	1.89	1.85	1.80
54.0	2.13	2.09	2.05	2.01	1.96	1.92	1.88	1.84
54.5	2.17	2.12	2.08	2.04	2.00	1.96	1.91	1.87
55.0	2.20	2.16	2.12	2.07	2.03	1.99	1.95	1.91
55.5	2.24	2.19	2.15	2.11	2.07	2.03	1.98	1.94
56.0	2.27	2.23	2.19	2.14	2.10	2.06	2.02	1.98
56.5	2.30	2.26	2.22	2.18	2.14	2.09	2.05	2.01
57.0	2.34	2.30	2.25	2.21	2.17	2.13	2.09	2.04
57.5	2.37	2.33	2.29	2.25	2.20	2.16	2.12	2.08
58.0	2.41	2.36	2.32	2.28	2.24	2.20	2.15	2.11
58.5	2.44	2.40	2.36	2.31	2.27	2.23	2.19	2.15
59.0	2.48	2.43	2.39	2.35	2.31	2.27	2.22	2.18
59.5	2.51	2.47	2.43	2.38	2.34	2.30	2.26	2.22
60.0	2.54	2.50	2.46	2.42	2.38	2.33	2.29	2.25
60.5	2.58	2.54	2.49	2.45	2.41	2.37	2.33	2.28
61.0	2.61	2.57	2.53	2.49	2.44	2.40	2.36	2.32
61.5	2.65	2.60	2.56	2.52	2.48	2.44	2.39	2.35
62.0	2.68	2.64	2.60	2.55	2.51	2.47	2.43	2.39
62.5	2.72	2.67	2.63	2.59	2.55	2.51	2.46	2.42
63.0	2.75	2.71	2.67	2.62	2.58	2.54	2.50	2.46
63.5	2.78	2.74	2.70	2.66	2.62	2.57	2.53	2.49

64.0	2.82	2.78	2.73	2.69	2.65	2.61	2.57	2.52
64.5	2.85	2.81	2.77	2.73	2.68	2.64	2.60	2.56
65.0	2.89	2.84	2.80	2.76	2.72	2.68	2.63	2.59
65.5	2.92	2.88	2.84	2.79	2.75	2.71	2.67	2.63
66.0	2.96	2.91	2.87	2.83	2.79	2.75	2.70	2.66
66.5	2.99	2.95	2.91	2.86	2.82	2.78	2.74	2.70
67.0	3.02	2.98	2.94	2.90	2.86	2.81	2.77	2.73
67.5	3.06	3.02	2.97	2.94	2.89	2.85	2.81	2.76
68.0	3.09	3.05	3.01	2.97	2.92	2.88	2.84	2.80
68.5	3.13	3.08	3.04	3.00	2.96	2.92	2.87	2.83
69.0	3.16	3.12	3.08	3.04	2.99	2.95	2.91	2.87
69.5	3.20	3.15	3.11	3.07	3.03	2.99	2.94	2.90
70.0	3.23	3.19	3.15	3.10	3.06	3.02	2.98	2.94
70.5	3.26	3.22	3.18	3.14	3.10	3.05	3.01	2.97
71.0	3.30	3.26	3.21	3.17	3.13	3.09	3.05	3.00
71.5	3.33	3.29	3.25	3.21	3.16	3.12	3.08	3.04
72.0	3.37	3.32	3.28	3.24	3.20	3.16	3.11	3.07
72.5	3.40	3.36	3.32	3.28	3.23	3.19	3.15	3.11
73.0	3.44	3.39	3.35	3.31	3.27	3.23	3.18	3.14
73.5	3.47	3.43	3.39	3.34	3.30	3.26	3.22	3.18
74.0	3.50	3.46	3.42	3.38	3.34	3.29	3.25	3.21
74.5	3.54	3.50	3.45	3.41	3.37	3.33	3.29	3.24
75.0	3.57	3.53	3.49	3.45	3.40	3.36	3.32	3.28
75.5	3.61	3.56	3.52	3.48	3.44	3.40	3.35	3.31
76.0	3.64	3.60	3.56	3.52	3.47	3.43	3.39	3.35
76.5	3.68	3.63	3.59	3.55	3.51	3.47	3.42	3.38
77.0	3.71	3.67	3.63	3.58	3.54	3.50	3.46	3.42

APPENDIX C -- Spirometry Prediction Tables for  
Normal Males and Females (Continued)

TABLE 4. PREDICTED FEV(1) FOR FEMALES  
(KNUDSON, ET AL.: AM. REV. RESPIR. DIS. 1976, 113, 587.)

AGE								
HT	53	55	57	59	61	63	65	
52.0	1.66	1.62	1.58	1.53	1.49	1.45	1.41	
52.5	1.69	1.65	1.61	1.57	1.53	1.48	1.44	
53.0	1.73	1.69	1.64	1.60	1.56	1.52	1.48	
53.5	1.76	1.72	1.68	1.64	1.59	1.55	1.51	
54.0	1.80	1.75	1.71	1.67	1.63	1.59	1.54	
54.5	1.83	1.79	1.75	1.70	1.66	1.62	1.58	
55.0	1.86	1.82	1.78	1.74	1.70	1.65	1.61	
55.5	1.90	1.86	1.82	1.77	1.73	1.69	1.65	
56.0	1.93	1.89	1.85	1.81	1.77	1.72	1.68	
56.5	1.97	1.93	1.88	1.84	1.80	1.76	1.72	
57.0	2.00	1.96	1.92	1.88	1.83	1.79	1.75	
57.5	2.04	1.99	1.95	1.91	1.87	1.83	1.78	
58.0	2.07	2.03	1.99	1.94	1.90	1.86	1.82	
58.5	2.10	2.06	2.02	1.98	1.94	1.89	1.85	
59.0	2.14	2.10	2.06	2.01	1.97	1.93	1.89	
59.5	2.17	2.13	2.09	2.05	2.01	1.96	1.92	
60.0	2.21	2.17	2.12	2.08	2.04	2.00	1.96	
60.5	2.24	2.20	2.16	2.12	2.07	2.03	1.99	
61.0	2.28	2.23	2.19	2.15	2.11	2.07	2.02	
61.5	2.31	2.27	2.23	2.18	2.14	2.10	2.06	
62.0	2.34	2.30	2.26	2.22	2.18	2.13	2.09	
62.5	2.38	2.34	2.30	2.25	2.21	2.17	2.13	

63.0	2.41	2.37	2.33	2.29	2.25	2.20	2.16
63.5	2.45	2.41	2.36	2.32	2.28	2.24	2.20
64.0	2.48	2.44	2.40	2.36	2.31	2.27	2.23
64.5	2.52	2.47	2.43	2.39	2.35	2.31	2.26
65.0	2.55	2.51	2.47	2.42	2.38	2.34	2.30
65.5	2.58	2.54	2.50	2.46	2.42	2.37	2.33
66.0	2.62	2.58	2.54	2.49	2.45	2.41	2.37
66.5	2.65	2.61	2.57	2.53	2.49	2.44	2.40
67.0	2.69	2.65	2.60	2.56	2.52	2.48	2.44
67.5	2.72	2.68	2.64	2.60	2.55	2.51	2.47
68.0	2.76	2.71	2.67	2.63	2.59	2.55	2.50
68.5	2.79	2.75	2.71	2.66	2.62	2.58	2.54
69.0	2.83	2.78	2.74	2.70	2.66	2.62	2.57
69.5	2.86	2.82	2.78	2.73	2.69	2.65	2.61
70.0	2.89	2.85	2.81	2.77	2.73	2.68	2.64
70.5	2.93	2.89	2.84	2.80	2.76	2.72	2.68
71.0	2.96	2.92	2.88	2.84	2.79	2.75	2.71
71.5	3.00	2.95	2.91	2.87	2.83	2.79	2.74
72.0	3.03	2.99	2.95	2.90	2.86	2.82	2.78
72.5	3.07	3.02	2.98	2.94	2.90	2.86	2.81
73.0	3.10	3.06	3.02	2.97	2.93	2.89	2.85
73.5	3.13	3.09	3.05	3.01	2.97	2.92	2.88
74.0	3.17	3.13	3.08	3.04	3.00	2.96	2.92
74.5	3.20	3.16	3.12	3.08	3.03	2.99	2.95
75.0	3.24	3.19	3.15	3.11	3.07	3.03	2.98
75.5	3.27	3.23	3.19	3.14	3.10	3.06	3.02
76.0	3.31	3.26	3.22	3.18	3.14	3.10	3.05
76.5	3.34	3.30	3.26	3.21	3.17	3.13	3.09
77.0	3.37	3.33	3.29	3.25	3.21	3.16	3.12

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