

New Zealand Predicted Normal Values for FEV1

Male FEV1 (litres)

Age (years)	Height (cm) - (5cm increments)										
	140	145	150	155	160	165	170	175	180	185	190
25	3.32	3.55	3.77	3.99	4.22	4.44	4.66	4.89	5.11	5.33	5.56
30	3.17	3.39	3.62	3.84	4.06	4.29	4.51	4.73	4.96	5.18	5.40
35	3.01	3.24	3.46	3.68	3.91	4.13	4.35	4.58	4.80	5.02	5.25
40	2.86	3.08	3.31	3.53	3.75	3.98	4.20	4.42	4.65	4.87	5.09
45	2.70	2.93	3.15	3.37	3.60	3.82	4.04	4.27	4.49	4.71	4.94
50	2.55	2.77	3.00	3.22	3.44	3.67	3.89	4.11	4.34	4.56	4.78
55	2.39	2.62	2.84	3.06	3.29	3.51	3.73	3.96	4.18	4.40	4.63
60	2.24	2.46	2.69	2.91	3.13	3.36	3.58	3.80	4.03	4.25	4.47
65	2.08	2.31	2.53	2.75	2.98	3.20	3.42	3.65	3.87	4.09	4.32
70	1.93	2.15	2.38	2.60	2.82	3.05	3.27	3.49	3.72	3.94	4.16
75	1.77	2.00	2.22	2.44	2.67	2.89	3.11	3.34	3.56	3.78	4.01
80	1.62	1.84	2.07	2.29	2.51	2.74	2.96	3.18	3.41	3.63	3.85
85	1.46	1.69	1.91	2.13	2.36	2.58	2.80	3.03	3.25	3.47	3.70

*Note: The values from age 75 + have been extrapolated based on the equations set for ages 24-74yrs

Female FEV1 (litres)

Age (years)	Height (cm)										
	140	145	150	155	160	165	170	175	180	185	190
25	2.75	2.98	3.20	3.42	3.65	3.87	4.09	4.32	4.54	4.76	4.99
30	2.60	2.82	3.05	3.27	3.49	3.72	3.94	4.16	4.39	4.61	4.83
35	2.44	2.67	2.89	3.11	3.34	3.56	3.78	4.01	4.23	4.45	4.68
40	2.29	2.51	2.74	2.96	3.18	3.41	3.63	3.85	4.08	4.30	4.52
45	2.13	2.36	2.58	2.80	3.03	3.25	3.47	3.70	3.92	4.14	4.37
50	1.98	2.20	2.43	2.65	2.87	3.10	3.32	3.54	3.77	3.99	4.21
55	1.82	2.05	2.27	2.49	2.72	2.94	3.16	3.39	3.61	3.83	4.06
60	1.67	1.89	2.12	2.34	2.56	2.79	3.01	3.23	3.46	3.68	3.90
65	1.51	1.74	1.96	2.18	2.41	2.63	2.85	3.08	3.30	3.52	3.75
70	1.36	1.58	1.81	2.03	2.25	2.48	2.70	2.92	3.15	3.37	3.59
75	1.20	1.43	1.65	1.87	2.10	2.32	2.54	2.77	2.99	3.21	3.44
80	1.05	1.27	1.50	1.72	1.94	2.17	2.39	2.61	2.84	3.06	3.28
85	0.89	1.12	1.34	1.56	1.79	2.01	2.23	2.46	2.68	2.90	3.13

Reference: Marsh S, Aldington S, William M et al. NZMJ 27 October 2006, Vol119 No 1244

*Note: The values from age 75 + have been extrapolated based on the equations set for ages 24-74yrs