

Table 38

Best forced expiratory volume in one second of the household population, by age and sex, Canada, 2007 to 2009

Best forced expiratory volume in one second													
Mean				5 th percentile			10 th percentile			25 th percentile			
Estimate		Confidence interval		Estimate		Confidence interval	Estimate		Confidence interval	Estimate		Confidence interval	
		From	To			From	To			From	To		
litres													
Both sexes													
Age 6 to 11	1.86	1.82	1.90	1.19	1.14	1.24	1.28	1.21	1.35	1.51	1.44	1.58	
Age 12 to 19	3.45	3.40	3.50	2.26	2.12	2.40	2.50	2.43	2.57	2.87	2.81	2.93	
Age 20 to 39	3.66	3.59	3.74	2.54	2.44	2.64	2.73	2.65	2.81	3.05	2.98	3.12	
Age 40 to 59	3.11	3.05	3.18	2.00	1.85	2.15	2.19	2.10	2.28	2.56	2.48	2.64	
Age 60 to 79	2.43	2.37	2.49	1.39	1.30	1.48	1.60	1.50	1.70	1.92	1.87	1.97	
Age 6 to 79	3.13	3.08	3.17	1.66	1.61	1.71	1.95	1.89	2.01	2.47	2.42	2.52	
Males													
Age 6 to 11	1.88	1.81	1.94	1.22	1.15	1.29	1.29	1.19	1.39	1.57	1.47	1.67	
Age 12 to 19	3.73	3.63	3.84	2.24	2.09	2.39	2.44	2.34	2.54	3.02	2.81	3.23	
Age 20 to 39	4.17	4.06	4.29	3.03	2.83	3.23	3.30	3.09	3.51	3.79	3.68	3.90	
Age 40 to 59	3.62	3.52	3.72	2.53	2.23	2.83	2.85	2.67	3.03	3.20	3.09	3.31	
Age 60 to 79	2.84	2.74	2.95	1.63	1.43	1.83	1.97	1.78	2.16	2.41	2.29	2.53	
Age 6 to 79	3.57	3.50	3.65	1.87	1.75	1.99	2.28	2.16	2.40	3.02	2.94	3.10	
Females													
Age 6 to 11	1.84	1.79	1.89	1.17	1.11	1.23	1.27	1.20	1.34	1.47	1.43	1.51	
Age 12 to 19	3.15	3.10	3.20	2.30	2.08	2.52	2.54	2.45	2.63	2.83	2.77	2.89	
Age 20 to 39	3.12	3.07	3.18	2.40	2.32	2.48	2.54	2.44	2.64	2.80	2.72	2.88	
Age 40 to 59	2.61	2.55	2.67	1.76	1.67	1.85	2.06	1.98	2.14	2.32	2.27	2.37	
Age 60 to 79	2.05	2.02	2.09	1.26	1.11	1.41	1.48	1.41	1.55	1.79	1.74	1.84	
Age 6 to 79	2.68	2.64	2.71	1.53	1.48	1.58	1.79	1.74	1.84	2.25	2.20	2.30	
Best forced expiratory volume in one second													
50 th percentile				75 th percentile			90 th percentile			95 th percentile			
Estimate		Confidence interval		Estimate		Confidence interval	Estimate		Confidence interval	Estimate		Confidence interval	
		From	To			From	To			From	To		
litres													
Both sexes													
Age 6 to 11	1.81	1.75	1.87	2.17	2.12	2.22	2.46	2.37	2.55	2.68	2.59	2.77	
Age 12 to 19	3.36	3.30	3.42	3.90	3.81	3.99	4.60	4.43	4.77	4.87	4.74	5.00	
Age 20 to 39	3.59	3.49	3.69	4.30	4.19	4.41	4.70	4.51	4.89	5.01	4.84	5.18	
Age 40 to 59	3.05	2.98	3.12	3.65	3.57	3.73	4.18	3.97	4.39	4.46	4.33	4.59	
Age 60 to 79	2.36	2.30	2.42	2.91	2.81	3.01	3.45	3.32	3.58	3.70	3.54	3.86	
Age 6 to 79	3.09	3.05	3.13	3.75	3.70	3.80	4.39	4.31	4.47	4.68	4.53	4.83	
Males													
Age 6 to 11	1.85	1.74	1.96	2.19	2.13	2.25	2.44	2.33	2.55	2.61	2.52	2.70	
Age 12 to 19	3.77	3.66	3.88	4.43	4.34	4.52	4.86	4.73	4.99	5.15	4.96	5.34	
Age 20 to 39	4.27	4.14	4.40	4.52	4.35	4.69	4.98	4.81	5.15	5.11	4.93	5.29	
Age 40 to 59	3.62	3.54	3.70	4.03	3.85	4.21	4.46	4.33	4.59	4.56	4.39	4.73	
Age 60 to 79	2.91	2.81	3.01	3.31	3.18	3.44	3.72	3.57	3.87	3.85	3.73	3.97	
Age 6 to 79	3.69	3.61	3.77	4.29	4.17	4.41	4.68	4.53	4.83	4.95	4.83	5.07	
Females													
Age 6 to 11	1.77	1.71	1.83	2.14	2.05	2.23	2.48	2.35	2.61	2.69	2.56	2.82	
Age 12 to 19	3.20	3.12	3.28	3.48	3.42	3.54	3.74	3.64	3.84	3.87	3.74	4.00	
Age 20 to 39	3.10	3.04	3.16	3.42	3.35	3.49	3.72	3.58	3.86	3.88	3.76	4.00	
Age 40 to 59	2.62	2.55	2.69	2.94	2.85	3.03	3.25	3.16	3.34	3.42	3.34	3.50	
Age 60 to 79	2.07	2.03	2.11	2.36	2.31	2.41	2.65	2.56	2.74	2.74	2.67	2.81	
Age 6 to 79	2.70	2.65	2.75	3.14	3.08	3.20	3.49	3.43	3.55	3.71	3.61	3.81	

Note(s): Total household population aged 6 to 79, except those meeting the exclusion criteria (see the *Canadian Health Measures Survey (CHMS) Data User Guide: Cycle 1*).

Source(s): Canadian Health Measures Survey, Cycle 1.