

Table 37

Ratio of the best forced expiratory volume in one second to the best forced vital capacity in the household population, by age and sex, Canada, 2007 to 2009

	Ratio of the best forced expiratory volume in one second to the best forced vital capacity											
	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		From	To
	ratio											
Both sexes												
Age 6 to 11	0.846	0.839	0.852	0.738	0.719	0.757	0.769	0.759	0.779	0.813	0.807	0.819
Age 12 to 19	0.840	0.835	0.845	0.717	0.708	0.726	0.754	0.746	0.762	0.798	0.791	0.805
Age 20 to 39	0.804	0.797	0.811	0.690	0.666	0.714	0.723	0.711	0.735	0.767	0.759	0.775
Age 40 to 59	0.762	0.755	0.768	0.642	0.621	0.663	0.680	0.668	0.692	0.726	0.720	0.732
Age 60 to 79	0.729	0.725	0.733	0.583	0.561	0.605	0.631	0.618	0.644	0.696	0.692	0.700
Age 6 to 79	0.784	0.779	0.789	0.648	0.637	0.659	0.693	0.685	0.701	0.741	0.735	0.747
Males												
Age 6 to 11	0.835	0.825	0.845	0.723	0.696	0.750	0.760	0.735	0.785	0.806	0.797	0.815
Age 12 to 19	0.826	0.816	0.836	0.712	0.692	0.732	0.749	0.737	0.761	0.785	0.776	0.794
Age 20 to 39	0.794	0.781	0.806	0.666	0.627	0.705	0.711	0.687	0.735	0.756	0.742	0.770
Age 40 to 59	0.764	0.755	0.773	0.643	0.615	0.671	0.679	0.653	0.705	0.724	0.712	0.736
Age 60 to 79	0.716	0.708	0.725	0.553	0.506	0.600	0.605	0.591	0.619	0.686	0.674	0.698
Age 6 to 79	0.778	0.771	0.785	0.643	0.630	0.656	0.685	0.667	0.703	0.735	0.728	0.742
Females												
Age 6 to 11	0.856	0.849	0.862	0.756	0.740	0.772	0.778	0.769	0.787	0.821	0.817	0.825
Age 12 to 19	0.854	0.849	0.860	0.717	0.708	0.726	0.765	0.752	0.778	0.815	0.809	0.821
Age 20 to 39	0.815	0.806	0.824	0.707	0.682	0.732	0.737	0.720	0.754	0.779	0.767	0.791
Age 40 to 59	0.760	0.753	0.766	0.622	0.581	0.663	0.680	0.665	0.695	0.727	0.722	0.732
Age 60 to 79	0.741	0.734	0.748	0.609	0.569	0.649	0.658	0.639	0.677	0.704	0.695	0.713
Age 6 to 79	0.790	0.785	0.796	0.661	0.643	0.679	0.698	0.687	0.709	0.745	0.736	0.754

	Ratio of the best forced expiratory volume in one second to the best forced vital capacity											
	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		From	To
	ratio											
Both sexes												
Age 6 to 11	0.848	0.840	0.856	0.885	0.876	0.894	0.917	0.912	0.922	0.939	0.929	0.949
Age 12 to 19	0.845	0.836	0.854	0.888	0.882	0.894	0.923	0.917	0.929	0.940	0.935	0.945
Age 20 to 39	0.805	0.798	0.812	0.845	0.841	0.849	0.882	0.869	0.895	0.910	0.896	0.924
Age 40 to 59	0.774	0.767	0.781	0.808	0.802	0.814	0.835	0.827	0.843	0.852	0.844	0.860
Age 60 to 79	0.741	0.734	0.748	0.782	0.778	0.786	0.810	0.804	0.816	0.828	0.817	0.839
Age 6 to 79	0.791	0.787	0.795	0.833	0.827	0.839	0.874	0.867	0.881	0.904	0.897	0.911
Males												
Age 6 to 11	0.837	0.828	0.846	0.876	0.868	0.884	0.910	0.903	0.917	0.920	0.915	0.925
Age 12 to 19	0.830	0.818	0.842	0.875	0.864	0.886	0.907	0.897	0.917	0.932	0.920	0.944
Age 20 to 39	0.801	0.787	0.815	0.837	0.827	0.847	0.862	0.849	0.875	0.891	0.876	0.906
Age 40 to 59	0.777	0.767	0.787	0.811	0.803	0.819	0.845	0.834	0.856	0.857	0.849	0.865
Age 60 to 79	0.729	0.718	0.740	0.778	0.769	0.787	0.804	0.796	0.812	0.823	0.809	0.837
Age 6 to 79	0.788	0.781	0.795	0.830	0.821	0.839	0.862	0.855	0.869	0.891	0.881	0.901
Females												
Age 6 to 11	0.860	0.850	0.870	0.895	0.888	0.902	0.930	0.914	0.946	0.947	0.939	0.955
Age 12 to 19	0.865	0.859	0.871	0.900	0.893	0.907	0.930	0.921	0.939	0.945	0.932	0.958
Age 20 to 39	0.812	0.800	0.824	0.855	0.848	0.862	0.904	0.882	0.926	0.918	0.901	0.935
Age 40 to 59	0.772	0.765	0.779	0.801	0.794	0.808	0.825	0.817	0.833	0.841	0.836	0.846
Age 60 to 79	0.750	0.738	0.762	0.787	0.779	0.795	0.816	0.810	0.822	0.832	0.818	0.846
Age 6 to 79	0.793	0.790	0.796	0.840	0.834	0.846	0.887	0.878	0.896	0.916	0.907	0.925

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.