

Table 32
Measured body mass index of the household population, by age and sex, Canada, 2007 to 2009

	Measured body mass index											
	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
	kilograms per metre squared											
Both sexes												
Age 6 to 11	17.76	17.57	17.95	14.06	13.69	14.43	14.59	14.29	14.89	15.48	15.37	15.59
Age 12 to 19	22.50	21.80	23.19	16.74	16.19	17.29	17.42	16.99	17.85	19.14	18.69	19.59
Age 20 to 39	26.20	25.64	26.77	19.02	18.39	19.65	20.35	19.92	20.78	22.16	21.73	22.59
Age 40 to 59	27.69	27.18	28.19	20.50	20.06	20.94	21.56	21.21	21.91	24.18	23.59	24.77
Age 60 to 79	28.23	27.85	28.62	21.27	20.54	22.00	22.64	22.25	23.03	24.59	24.01	25.17
Age 6 to 79	25.99	25.57	26.41	17.12	16.91	17.33	18.92	18.80	19.04	21.90	21.63	22.17
Males												
Age 6 to 11	17.86	17.57	18.16	14.36	14.01	14.71	14.87	14.48	15.26	15.63	15.37	15.89
Age 12 to 19	22.62	21.73	23.51	16.67	16.08	17.26	17.40	16.98	17.82	19.00	18.63	19.37
Age 20 to 39	26.54	26.27	26.80	20.09	19.58	20.60	21.53	20.86	22.20	23.09	22.65	23.53
Age 40 to 59	28.34	27.71	28.97	22.01	21.34	22.68	23.47	22.44	24.50	25.47	24.74	26.20
Age 60 to 79	28.28	27.85	28.70	21.95	21.46	22.44	23.20	22.70	23.70	24.96	24.34	25.58
Age 6 to 79	26.30	25.96	26.64	17.18	16.88	17.48	19.21	18.87	19.55	22.78	22.36	23.20
Females												
Age 6 to 11	17.65	17.29	18.01	13.87	13.42	14.32	14.33	13.93	14.73	15.38	15.20	15.56
Age 12 to 19	22.37	21.79	22.95	16.74	15.83	17.65	17.59	16.86	18.32	19.35	18.78	19.92
Age 20 to 39	25.85	24.89	26.81	18.38	17.79	18.97	19.65	18.94	20.36	21.22	20.73	21.71
Age 40 to 59	27.04	26.34	27.75	19.67	19.03	20.31	20.76	20.45	21.07	22.41	21.81	23.01
Age 60 to 79	28.20	27.57	28.83	20.57	19.69	21.45	22.28	21.70	22.86	24.22	23.54	24.90
Age 6 to 79	25.69	25.09	26.28	16.98	16.67	17.29	18.77	18.64	18.90	21.21	20.93	21.49
	Measured body mass index											
	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
	kilograms per metre squared											
Both sexes												
Age 6 to 11	16.85	16.65	17.05	19.21	18.82	19.60	22.24	21.40	23.08	24.28	23.42	25.14
Age 12 to 19	21.48	20.91	22.05	24.40	23.32	25.48	29.38	27.43	31.33	32.55	31.10	34.00
Age 20 to 39	25.03	24.28	25.78	28.99	28.14	29.84	33.70	32.31	35.09	37.70	35.59	39.81
Age 40 to 59	27.00	26.54	27.46	30.08	29.29	30.87	34.78	33.51	36.05	38.24	37.11	39.37
Age 60 to 79	27.35	26.85	27.85	31.07	30.50	31.64	34.71	33.69	35.73	37.85	36.21	39.49
Age 6 to 79	25.43	24.84	26.02	29.30	28.84	29.76	33.62	32.89	34.35	37.05	36.04	38.06
Males												
Age 6 to 11	17.06	16.66	17.46	19.38	18.81	19.95	22.36	21.34	23.38	24.21	23.36	25.06
Age 12 to 19	21.60	21.03	22.17	24.79	23.17	26.41	30.12	26.45	33.79	32.68	30.87	34.49
Age 20 to 39	25.72	25.37	26.07	28.99	28.15	29.83	33.50	32.27	34.73	36.37	34.65	38.09
Age 40 to 59	27.88	27.18	28.58	30.27	29.42	31.12	34.02	32.80	35.24	36.39	34.19	38.59
Age 60 to 79	27.70	27.02	28.38	31.11	30.29	31.93	34.15	33.21	35.09	35.81	34.23	37.39
Age 6 to 79	26.16	25.71	26.61	29.46	29.03	29.89	32.88	32.05	33.71	35.81	35.12	36.50
Females												
Age 6 to 11	16.67	16.47	16.87	19.01	18.33	19.69	22.16	20.85	23.47	24.50	22.66	26.34
Age 12 to 19	21.47	20.79	22.15	24.13	23.03	25.23	29.00	28.18	29.82	30.96	29.21	32.71
Age 20 to 39	24.26	23.23	25.29	28.99	27.67	30.31	35.33	32.58	38.08	39.33	36.26	42.40
Age 40 to 59	25.61	24.97	26.25	29.80	28.59	31.01	35.77	33.49	38.05	38.76	37.09	40.43
Age 60 to 79	27.09	26.45	27.73	31.06	30.10	32.02	35.55	33.42	37.68	39.11	37.04	41.18
Age 6 to 79	24.59	24.00	25.18	29.04	28.32	29.76	34.69	33.24	36.14	38.15	36.81	39.49

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.