

Table 105-0408<sup>1</sup>

Self-reported youth body mass index (BMI), by age group and sex, household population aged 12 to 17 excluding pregnant females, Canada, provinces, territories, health regions (June 2005 boundaries) and peer groups, every 2 years

Survey or program details:

Canadian Community Health Survey - [3226](#)

Geography <sup>2,3</sup>	Age group	Sex	Self-reported youth body mass index (BMI) <sup>10,11,12</sup>	Characteristics <sup>13,14,15,16</sup>	2005
	Total, 12 to 17 years	Both sexes	Total population for the variable self-reported youth body mass index	Number of persons	2,873
				Percent	100.0
			Self-reported youth body mass index, neither overweight nor obese	Number of persons	2,197
				Percent	76.5
			Self-reported youth body mass index, overweight or obese	Number of persons	540 <sup>E</sup>
				Percent	18.8 <sup>E</sup>
			Self-reported youth body mass index, overweight	Number of persons	409 <sup>E</sup>
				Percent	14.3 <sup>E</sup>
			Self-reported youth body mass index, obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, not stated	Number of persons	F
				Percent	F
		Males	Total population for the variable self-reported youth body mass index	Number of persons	1,510
				Percent	100.0
			Self-reported youth body mass index, neither overweight nor obese	Number of persons	1,017
				Percent	67.3
			Self-reported youth body mass index, overweight or obese	Number of persons	370 <sup>E</sup>
				Percent	24.5 <sup>E</sup>
			Self-reported youth body mass index, overweight	Number of persons	F
				Percent	18.0 <sup>E</sup>
			Self-reported youth body mass index, obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, not stated	Number of persons	F
				Percent	F
		Females	Total population for the variable self-reported youth body mass index	Number of persons	1,363
				Percent	100.0
			Self-reported youth body mass index, neither overweight nor obese	Number of persons	1,181
				Percent	86.6
			Self-reported youth body mass index, overweight or obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, overweight	Number of persons	F
				Percent	F
			Self-reported youth body mass index, obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, not stated	Number of persons	F
				Percent	F
		Both sexes	Total population for the variable self-reported youth body mass index	Number of persons	1,286
				Percent	100.0
			Self-reported youth body mass index, neither overweight nor obese	Number of persons	937
				Percent	72.8
			Self-reported youth body mass index, overweight or obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, overweight	Number of persons	F
				Percent	F
			Self-reported youth body mass index, obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, not stated	Number of persons	F
				Percent	F
			Total population for the variable self-reported youth body mass index	Number of persons	570 <sup>E</sup>
				Percent	100.0
			Self-reported youth body mass index, neither overweight nor obese	Number of persons	358 <sup>E</sup>

Yukon Territory [60]	12 to 14 years	Males		Percent	62.7
			Self-reported youth body mass index, overweight or obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, overweight	Number of persons	F
				Percent	F
			Self-reported youth body mass index, obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, not stated	Number of persons	F
				Percent	F
		Females	Total population for the variable self-reported youth body mass index	Number of persons	716 <sup>E</sup>
				Percent	100.0
			Self-reported youth body mass index, neither overweight nor obese	Number of persons	579 <sup>E</sup>
				Percent	80.9
			Self-reported youth body mass index, overweight or obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, overweight	Number of persons	F
				Percent	F
			Self-reported youth body mass index, obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, not stated	Number of persons	F
				Percent	F
	15 to 17 years	Both sexes	Total population for the variable self-reported youth body mass index	Number of persons	1,587
				Percent	100.0
			Self-reported youth body mass index, neither overweight nor obese	Number of persons	1,260
				Percent	79.4
			Self-reported youth body mass index, overweight or obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, overweight	Number of persons	F
				Percent	F
			Self-reported youth body mass index, obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, not stated	Number of persons	F
				Percent	F
		Males	Total population for the variable self-reported youth body mass index	Number of persons	940 <sup>E</sup>
				Percent	100.0
			Self-reported youth body mass index, neither overweight nor obese	Number of persons	659 <sup>E</sup>
				Percent	70.1
			Self-reported youth body mass index, overweight or obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, overweight	Number of persons	F
				Percent	F
			Self-reported youth body mass index, obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, not stated	Number of persons	F
				Percent	F
		Females	Total population for the variable self-reported youth body mass index	Number of persons	647 <sup>E</sup>
				Percent	100.0
			Self-reported youth body mass index, neither overweight nor obese	Number of persons	601 <sup>E</sup>
				Percent	92.9
			Self-reported youth body mass index, overweight or obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, overweight	Number of persons	F
				Percent	F
			Self-reported youth body mass index, obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, not stated	Number of persons	F
				Percent	F
		Both sexes	Total population for the variable self-reported youth body mass index	Number of persons	4,645
				Percent	100.0
			Self-reported youth body mass index, neither overweight nor obese	Number of persons	2,978
				Percent	64.1
			Self-reported youth body mass index, overweight or obese	Number of persons	944
				Percent	20.3
			Self-reported youth body mass index, overweight	Number of persons	706 <sup>E</sup>

Northwest Territories [61]	Total, 12 to 17 years			Percent	15.2 <sup>E</sup>
			Self-reported youth body mass index, obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, not stated	Number of persons	723 <sup>E</sup>
				Percent	15.6 <sup>E</sup>
		Males	Total population for the variable self-reported youth body mass index	Number of persons	2,410
				Percent	100.0
			Self-reported youth body mass index, neither overweight nor obese	Number of persons	1,415
				Percent	58.7
			Self-reported youth body mass index, overweight or obese	Number of persons	558 <sup>E</sup>
				Percent	23.2 <sup>E</sup>
			Self-reported youth body mass index, overweight	Number of persons	438 <sup>E</sup>
				Percent	18.2 <sup>E</sup>
			Self-reported youth body mass index, obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, not stated	Number of persons	437 <sup>E</sup>
				Percent	18.1 <sup>E</sup>
		Females	Total population for the variable self-reported youth body mass index	Number of persons	2,235
				Percent	100.0
			Self-reported youth body mass index, neither overweight nor obese	Number of persons	1,563
				Percent	69.9
			Self-reported youth body mass index, overweight or obese	Number of persons	386 <sup>E</sup>
				Percent	17.3 <sup>E</sup>
			Self-reported youth body mass index, overweight	Number of persons	F
				Percent	F
			Self-reported youth body mass index, obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, not stated	Number of persons	F
				Percent	F
	12 to 14 years	Both sexes	Total population for the variable self-reported youth body mass index	Number of persons	2,310
				Percent	100.0
			Self-reported youth body mass index, neither overweight nor obese	Number of persons	1,399
				Percent	60.6
			Self-reported youth body mass index, overweight or obese	Number of persons	519 <sup>E</sup>
				Percent	22.5 <sup>E</sup>
			Self-reported youth body mass index, overweight	Number of persons	397 <sup>E</sup>
				Percent	17.2 <sup>E</sup>
			Self-reported youth body mass index, obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, not stated	Number of persons	392 <sup>E</sup>
				Percent	17.0 <sup>E</sup>
		Males	Total population for the variable self-reported youth body mass index	Number of persons	1,324
				Percent	100.0
			Self-reported youth body mass index, neither overweight nor obese	Number of persons	646 <sup>E</sup>
				Percent	48.8
			Self-reported youth body mass index, overweight or obese	Number of persons	339 <sup>E</sup>
				Percent	25.6 <sup>E</sup>
			Self-reported youth body mass index, overweight	Number of persons	F
				Percent	F
			Self-reported youth body mass index, obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, not stated	Number of persons	F
				Percent	F
		Females	Total population for the variable self-reported youth body mass index	Number of persons	986 <sup>E</sup>
				Percent	100.0
			Self-reported youth body mass index, neither overweight nor obese	Number of persons	753 <sup>E</sup>
				Percent	76.4
			Self-reported youth body mass index, overweight or obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, overweight	Number of persons	F
				Percent	F
			Self-reported youth body mass index, obese	Number of persons	F
				Percent	F

				Percent	F
			Self-reported youth body mass index, not stated	Number of persons	F
15 to 17 years	Both sexes			Percent	F
			Total population for the variable self-reported youth body mass index	Number of persons	2,335
				Percent	100.0
			Self-reported youth body mass index, neither overweight nor obese	Number of persons	1,578 <sup>E</sup>
				Percent	67.6
			Self-reported youth body mass index, overweight or obese	Number of persons	425 <sup>E</sup>
				Percent	18.2 <sup>E</sup>
			Self-reported youth body mass index, overweight	Number of persons	309 <sup>E</sup>
				Percent	13.2 <sup>E</sup>
			Self-reported youth body mass index, obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, not stated	Number of persons	F
				Percent	F
	Males		Total population for the variable self-reported youth body mass index	Number of persons	1,086
				Percent	100.0
			Self-reported youth body mass index, neither overweight nor obese	Number of persons	768 <sup>E</sup>
				Percent	70.8
			Self-reported youth body mass index, overweight or obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, overweight	Number of persons	F
				Percent	F
			Self-reported youth body mass index, obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, not stated	Number of persons	F
				Percent	F
	Females		Total population for the variable self-reported youth body mass index	Number of persons	1,249 <sup>E</sup>
				Percent	100.0
			Self-reported youth body mass index, neither overweight nor obese	Number of persons	810 <sup>E</sup>
				Percent	64.8
			Self-reported youth body mass index, overweight or obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, overweight	Number of persons	F
				Percent	F
			Self-reported youth body mass index, obese	Number of persons	F
				Percent	F
Total, 12 to 17 years	Both sexes		Total population for the variable self-reported youth body mass index	Number of persons	2,595
				Percent	100.0
			Self-reported youth body mass index, neither overweight nor obese	Number of persons	1,246
				Percent	48.0
			Self-reported youth body mass index, overweight or obese	Number of persons	689 <sup>E</sup>
				Percent	26.6 <sup>E</sup>
			Self-reported youth body mass index, overweight	Number of persons	546 <sup>E</sup>
				Percent	21.1 <sup>E</sup>
			Self-reported youth body mass index, obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, not stated	Number of persons	660 <sup>E</sup>
				Percent	25.4 <sup>E</sup>
	Males		Total population for the variable self-reported youth body mass index	Number of persons	1,304
				Percent	100.0
			Self-reported youth body mass index, neither overweight nor obese	Number of persons	590
				Percent	45.2
			Self-reported youth body mass index, overweight or obese	Number of persons	415 <sup>E</sup>
				Percent	31.8 <sup>E</sup>
			Self-reported youth body mass index, overweight	Number of persons	F
				Percent	F
			Self-reported youth body mass index, obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, not stated	Number of persons	F
				Percent	F

Nunavut [62]

12 to 14 years	Females	Total population for the variable self-reported youth body mass index	Number of persons	1,291
			Percent	100.0
		Self-reported youth body mass index, neither overweight nor obese	Number of persons	656 <sup>E</sup>
			Percent	50.8 <sup>E</sup>
		Self-reported youth body mass index, overweight or obese	Number of persons	F
			Percent	F
		Self-reported youth body mass index, overweight	Number of persons	F
			Percent	F
	Both sexes	Self-reported youth body mass index, obese	Number of persons	F
			Percent	F
		Self-reported youth body mass index, not stated	Number of persons	361 <sup>E</sup>
			Percent	28.0 <sup>E</sup>
		Total population for the variable self-reported youth body mass index	Number of persons	1,260
			Percent	100.0
		Self-reported youth body mass index, neither overweight nor obese	Number of persons	621 <sup>E</sup>
			Percent	49.3 <sup>E</sup>
	Males	Self-reported youth body mass index, overweight or obese	Number of persons	F
			Percent	F
		Self-reported youth body mass index, overweight	Number of persons	F
			Percent	F
		Self-reported youth body mass index, obese	Number of persons	F
			Percent	F
		Self-reported youth body mass index, not stated	Number of persons	367 <sup>E</sup>
			Percent	29.1 <sup>E</sup>
	Females	Total population for the variable self-reported youth body mass index	Number of persons	658 <sup>E</sup>
			Percent	100.0
		Self-reported youth body mass index, neither overweight nor obese	Number of persons	314 <sup>E</sup>
			Percent	47.7 <sup>E</sup>
		Self-reported youth body mass index, overweight or obese	Number of persons	F
			Percent	F
		Self-reported youth body mass index, overweight	Number of persons	F
			Percent	F
	Both sexes	Self-reported youth body mass index, obese	Number of persons	F
			Percent	F
		Self-reported youth body mass index, not stated	Number of persons	F
			Percent	F
		Total population for the variable self-reported youth body mass index	Number of persons	602
			Percent	100.0
		Self-reported youth body mass index, neither overweight nor obese	Number of persons	307 <sup>E</sup>
			Percent	51.0 <sup>E</sup>
	Males	Self-reported youth body mass index, overweight or obese	Number of persons	F
			Percent	F
		Self-reported youth body mass index, overweight	Number of persons	F
			Percent	F
		Self-reported youth body mass index, obese	Number of persons	F
			Percent	F
		Self-reported youth body mass index, not stated	Number of persons	F
			Percent	F

	15 to 17 years	Males	Self-reported youth body mass index, neither overweight nor obese	Percent	42.7 <sup>E</sup>
			Self-reported youth body mass index, overweight or obese	Number of persons	F
				Percent	44.5 <sup>E</sup>
			Self-reported youth body mass index, overweight	Number of persons	F
				Percent	F
			Self-reported youth body mass index, obese	Number of persons	F
				Percent	F
		Females	Self-reported youth body mass index, not stated	Number of persons	F
				Percent	F
			Total population for the variable self-reported youth body mass index	Number of persons	690 <sup>E</sup>
				Percent	100.0
			Self-reported youth body mass index, neither overweight nor obese	Number of persons	F
				Percent	50.7 <sup>E</sup>
			Self-reported youth body mass index, overweight or obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, overweight	Number of persons	F
				Percent	F
			Self-reported youth body mass index, obese	Number of persons	F
				Percent	F
			Self-reported youth body mass index, not stated	Number of persons	211 <sup>E</sup>
				Percent	30.5 <sup>E</sup>

#### Symbol legend:

<sup>E</sup> Use with caution

F Too unreliable to be published

#### Footnotes:

- Source: Statistics Canada, Canadian Community Health Survey (CCHS 3.1), 2005
- Health regions are defined by the provincial ministries of health. These are legislated administrative areas in all provinces. The health regions presented in this table are based on boundaries and names in effect as of June 2005. For complete Canadian coverage, each of the northern territories also represents a health region.
- A "peer group" is a grouping of health regions that have similar social and economic characteristics. The nine peer groups are identified by the letters A through I, which are appended to the health region 4-digit code.
- Body mass index (BMI) is calculated by dividing the respondent's body weight (in kilograms) by their height (in metres) squared.
- The index is: neither overweight nor obese; overweight; obese.
- Body mass index (BMI) for youth is different from that of adults as they are still maturing. This variable classifies the measured BMI of children aged 12 to 17 as "obese" or "overweight" according to the age- and sex-specific BMI cut-off points as defined by Cole and others. The Cole cut-off points are based on pooled international data (Brazil, Great Britain, Hong Kong, Netherlands, Singapore and United States) for BMI and linked to the internationally accepted adult BMI cut-off points of 25 (overweight) and 30 (obese). Respondents who do not fall within the categories of "obese" or "overweight" (as defined by Cole and others) have been classified by the Canadian Community Health Survey (CCHS) as "neither overweight nor obese".
- When comparing estimates, it is important to use confidence intervals to determine if differences between values are statistically significant. Confidence intervals describe sampling variability and give an indication of the precision of a given estimate.
- Bootstrapping techniques were used to produce the coefficient of variation (CV) and 95% confidence intervals (CIs).
- Data with a coefficient of variation (CV) from 16.6% to 33.3% are identified as follows: (E) use with caution.
- Data with a coefficient of variation (CV) greater than 33.3% were suppressed due to extreme sampling variability and are identified as follows: (F) too unreliable to be published.

**Source:** Statistics Canada. *Table 105-0408 - Self-reported youth body mass index (BMI), by age group and sex, household population aged 12 to 17 excluding pregnant females, Canada, provinces, territories, health regions (June 2005 boundaries) and peer groups, every 2 years, CANSIM (database).*

[http://cansim2.statcan.ca/cgi-win/cnsmcgi.exe?Lang=E&CANSIMFile=CII\CII\\_1\\_E.htm&RootDir=CII/](http://cansim2.statcan.ca/cgi-win/cnsmcgi.exe?Lang=E&CANSIMFile=CII\CII_1_E.htm&RootDir=CII/)

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