

## Condom Use in Those at Risk of Sexually Transmitted Infections, Waterloo Region & Ontario, 2009-2010, 2011-2012, 2013-2014

**Table 1. Proportion of the population aged 15 to 49 years at increased risk of STIs who used a condom the last time they had sex, Waterloo Region & Ontario, 2009-2010, 2011-2012, 2013-2014**

Place of residence	Year	Per cent
<b>Waterloo Region</b>	2009-2010	64.0 (CI: 54.4-73.6)
	2011-2012	51.6 (CI: 41.3-61.8)
	2013-2014	53.0 (CI: 43.5-62.5)
<b>Ontario</b>	2009-2010	59.6 (CI: 57.6-61.7)
	2011-2012	58.3 (CI: 56.3-60.4)
	2013-2014	54.5 (CI: 52.3-56.7)

### Definition:

Proportion of population aged 15 to 49 years at increased risk of sexually transmitted infections (STIs) who used a condom the last time they had sex.

Being at increased risk of STIs is defined as either:

- not being married or common-law and had one or more sexual partners in the last 12 months, or
- being married or common-law and had more than one sexual partner in the last 12 months.

### Limitations and Notes:

The CCHS is based on self-reported data collected in telephone and in-person interviews. The CCHS excludes individuals living on Indian reserve communities, institutions, full-time members of the Canadian Armed Forces, and residents of remote regions of the country.

## Limitations and Notes (continued):

Self-reported measures are subject to such sources of bias as social desirability bias and recall bias, particularly for sensitive topics like sexual activity.

The 'Townships' category combines responses from North Dumfries, Wellesley, Wilmot and Woolwich townships.

'Don't know', refused and not stated responses were removed from analysis when they represented less than five per cent of the sample. In removing these responses from the denominator, the assumption is that the missing values are random, which is not always the case.

'CI' refers to 95 per cent confidence limits. The superscript 'E' denotes high sampling variability, and estimates must be interpreted with caution. The 'F' denotes estimates which were suppressed due to unacceptably high sampling variability.

Excludes individuals who were responding to the survey via proxy.

**Table 2. Proportion of the population aged 15 to 49 years at increased risk of STIs who used a condom the last time they had sex, by STI status and number of sexual partners, Waterloo Region, 2009-2014 (combined)**

Measure		Per cent
<b>Ever been diagnosed with an STI</b>	Yes	46.0 (CI: 25.9-66.1) <sup>E</sup>
	No	56.9 (CI: 50.9-62.9)
<b>Number of sexual partners in last 12</b>	One	55.0 (CI: 47.8-62.3)
	Two or more	57.9 (CI: 49.3-66.4)

**Table 3. Proportion of the population aged 15 to 49 years at increased risk of STIs who used a condom the last time they had sex, by sex, age, municipality, Waterloo Region, 2009-2014 (combined)**

	Measure	Per cent
<b>Sex</b>	<b>Male</b>	60.6 (CI: 53.8-67.4)
	<b>Female</b>	51.0 (CI: 42.7-59.4)
<b>Age group</b>	<b>15 to 19 years</b>	77.2 (CI: 68.2-86.2)
	<b>20 to 24 years</b>	64.2 (CI: 55.2-73.1)
	<b>25 to 34 years</b>	54.3 (CI: 44.7-63.8)
	<b>35 to 49 years</b>	36.4 (CI: 24.8-48.0)
<b>Municipality</b>	<b>Cambridge</b>	49.6 (CI: 36.5-62.7)
	<b>Kitchener</b>	56.3 (CI: 49.1-63.5)
	<b>Waterloo</b>	61.7 (CI: 49.9-73.5)
	<b>Townships</b>	57.3 (CI: 34.7-79.9) <sup>E</sup>

### Limitations and Notes (continued):

This indicator assumes that condom usage for the last time an individual had sex is representative of their usual behaviour, which may not be the case. Also, note that those who were not married or common-law and had one sexual partner in the last 12 months were included as "at risk for STIs"; however these individuals may not necessarily be at increased risk for STIs (e.g., in a monogamous, committed (but not married or common-law) relationship, STI status of both partners may be known to be negative).

Individuals aged 12 years and older are eligible to participate in the CCHS. Questions about sexual health and sexual activity are only asked of those aged 15 to 49 years.

### Source:

Canadian Community Health Survey, 2009-2010, 2011-2012, 2013-2014, Statistics Canada, Share File, Ontario MOHLTC.



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Table 4. Proportion of the population aged 15 to 49 years at increased risk of STIs who used a condom the last time they had sex, by household income, level of education & immigration status, Waterloo Region, 2009-2014 (combined)

	Measure	Per cent
Household income	Less than \$40,000	48.7 (CI: 38.4-59.0)
	\$40,000 or more	57.6 (CI: 50.8-64.4)
	Don't know/refused	70.8 (CI: 40.5-100.0) <sup>E</sup>
Level of education	Less than high school	58.1 (CI: 45.2-71.0)
	High school diploma	60.9 (CI: 50.6-71.3)
	Some post-secondary	74.2 (CI: 60.4-88.0)
	Post-secondary degree	50.2 (CI: 42.6-57.8)
Immigration status	Immigrant	62.6 (CI: 49.1-76.1)
	Canadian-born	54.6 (CI: 48.8-60.3)