

## Non-smoker Second-hand Smoke Exposure, Waterloo Region & Ontario, 2009-2010, 2011-2012, 2013-2014

Table 1. Proportion of the non-smoking population aged 12 years and older, by place of regular exposure to second-hand smoke, Waterloo Region & Ontario, 2009-2010, 2011-2012, 2013-2014

Place of residence	Place of regular exposure to second-hand smoke	2009-2010	2011-2012	2013-2014
<b>Waterloo Region</b>	<b>In the home</b>	5.4 (CI: 3.6-7.2) <sup>E</sup>	2.6 (CI: 1.5-3.8) <sup>E</sup>	2.5 (CI: 1.6-3.5) <sup>E</sup>
	<b>In a vehicle</b>	6.1 (CI: 4.2-8.1)	4.9 (CI: 3.2-6.5) <sup>E</sup>	6.1 (CI: 4.0-8.1) <sup>E</sup>
	<b>In public places</b>	8.7 (CI: 6.5-10.9)	11.7 (CI: 9.2-14.2)	15.1 (CI: 12.1-18.2)
	<b>Any of the above</b>	<b>15.5 (CI: 12.4-18.6)</b>	<b>16.9 (CI: 14.1-19.7)</b>	<b>19.1 (CI: 15.9-22.3)</b>
<b>Ontario</b>	<b>In the home</b>	5.3 (CI: 4.9-5.7)	4.5 (CI: 4.0-5.0)	3.6 (CI: 3.3-3.9)
	<b>In a vehicle</b>	6.5 (CI: 6.0-7.0)	5.6 (CI: 5.2-6.1)	5.2 (CI: 4.8-5.7)
	<b>In public places</b>	12.3 (CI: 11.6-12.9)	13.3 (CI: 12.6-14.0)	14.7 (CI: 14.0-15.5)
	<b>Any of the above</b>	<b>18.6 (CI: 17.8-19.4)</b>	<b>19.1 (CI: 18.3-20.0)</b>	<b>19.3 (CI: 18.5-20.1)</b>

### Definition:

Proportion of non-smokers aged 12 years and over who were regularly exposed to tobacco smoke in their home, vehicle or in public places.

## 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.

Self-reported measures are subject to such sources of bias as social desirability bias and recall bias.

'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.

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

Estimates provided at the municipal level may not be representative of the given population as the CCHS sampling frame was not designed for analysis below the health region level.

**Table 2. Proportion of non-smoking population aged 12 years and older who were regularly exposed to second-hand smoke at home, in a vehicle or in public places, by sex, age, municipality, Waterloo Region, 2009-2014**

	Measure	Per cent
<b>Sex</b>	<b>Male</b>	19.9 (CI: 17.3-22.4)
	<b>Female</b>	14.6 (CI: 12.0-17.3)
<b>Age group</b>	<b>12 to 17 years</b>	27.1 (CI: 21.9-32.4)
	<b>18 to 24 years</b>	32.5 (CI: 25.6-39.4)
	<b>25 to 34 years</b>	18.9 (CI: 14.1-23.7)
	<b>35 to 49 years</b>	13.2 (CI: 9.0-17.4)
	<b>50 to 64 years</b>	12.6 (CI: 9.6-15.6)
	<b>65 years and older</b>	10.1 (CI: 7.6-12.6)
<b>Municipality</b>	<b>Cambridge</b>	21.3 (CI: 16.8-25.9)
	<b>Kitchener</b>	15.9 (CI: 12.7-19.0)
	<b>Waterloo</b>	15.4 (CI: 11.7-19.1)
	<b>Townships</b>	15.2 (CI: 10.6-19.8)

**Table 3. Proportion of non-smoking population aged 12 years and older who were regularly exposed to second-hand smoke at home, in a vehicle or in public places, by household income, level of education & immigration status, Waterloo Region, 2009-2014**

	Measure	Per cent
Household income	Less than \$40,000	23.3 (CI: 18.8-27.7)
	\$40,000 or more	15.4 (CI: 13.4-17.3)
	Don't know/refused	22.5 (CI: 13.4-31.5) <sup>E</sup>
Level of education	Less than high school	24.7 (CI: 20.7-28.7)
	High school diploma	18.0 (CI: 13.1-22.9)
	Some post-secondary	35.7 (CI: 24.1-47.2)
	Post-secondary degree	11.5 (CI: 9.7-13.3)
Immigration status	Immigrant	14.1 (CI: 10.4-17.8)
	Canadian-born	17.7 (CI: 15.6-19.9)

### Limitations and Notes (continued):

'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.

The Smoke-Free Ontario Act prohibits smoking in all enclosed workplaces and enclosed public places in Ontario as of May 31, 2006, and smoking in all vehicles carrying children under the age of 16 years in Ontario as of Jan 21, 2009. This Act may affect responses to the questions on exposure to second-hand smoke in public places and in vehicles.

Excludes individuals who currently smoke either daily or occasionally.

### Source:

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

# QuickStats

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