



June 2014

CCHS Data on Smoking Prevalence and Secondhand Smoke Exposure in Ontario: Provincial and Regional Estimates

According to results of the 2013 Canadian Community Health Survey, the prevalence of current smoking in Ontario is unchanged from 2012. 18.1% of the population aged 12 and over, and 7.3% of youth aged 12–19 years were current smokers in 2013 (Table 1). The last significant change in year over year current smoking estimates was observed between 2008 and 2009 for those aged 12 and over, and between 2010 and 2011 for youth aged 12–19 years (current smokers are defined in this analysis as those who report daily or occasional smoking).

Key Finding: Smoking prevalence and secondhand smoke exposure estimates in Ontario are unchanged from 2012.

Table 1: Current Smoking, 12+ and 12–19 Years, Ontario, 2003, 2005, 2007–2013

Age Group	Year	Weighted population estimate	Weighted estimate	Lower 95% CI	Upper 95% CI	Statistically different from previous year
12+	2003	2,271,303	22.3	21.6	22.9	
	2005	2,186,991	20.9	20.3	21.5	Decreased
	2007	2,242,443	20.8	20.0	21.5	No change
	2008	2,172,468	19.8	18.9	20.8	No change
	2009	2,055,964	18.6	17.7	19.4	Decreased
	2010	2,161,455	19.3	18.4	20.3	No change
	2011	2,181,592	19.4	18.4	20.3	No change
	2012	2,161,957	19.0	17.9	20.0	No change
	2013	2,085,113	18.1	17.1	19.0	No change
12-19 years	2003	176,428	13.7	12.5	14.9	
	2005	141,503	10.7	9.6	11.8	Decreased
	2007	137,328	10.2	8.4	12.0	No change
	2008	114,055	8.4	7.0	9.9	No change
	2009	112,568	8.3	6.9	9.7	No change
	2010	124,060	9.3	7.8	10.9	No change
	2011	80,889	6.2	4.9	7.4	Decreased
	2012	85,804	6.6	5.1	8.2	No change
	2013	93,728	7.3	5.6	9.0	No change

Note: Current smoking defined as smoking daily or occasionally at the present time. Data extracted June 13, 2014

Source: CCHS 2003, 2005, 2007 - 2013 (from the Canadian Socio-economic Information Management System [CANSIM]) Table 105-0501. Health indicator profile, annual estimates, by age group and sex, Canada, provinces, territories, health regions (2013 boundaries) and peer groups.

<http://www5.statcan.gc.ca/cansim/a26?lang=eng&retrLang=eng&id=1050501&paSer=&pattern=&stByVal=1&p1=1&p2=50&tabMode=dataTable&csid=>

Regional Differences in Prevalence

The prevalence of smoking varies regionally among health units across the province, from a high of 27.4% in Timiskaming to a low of 13.3% in Peel region. Smoking has decreased significantly in three health units and increased in one compared to the 2012 estimates (Table 2).

Table 2: Current Smoking, by Public Health Unit, 12+, Ontario, 2013

Public Health Unit	Weighted population estimate	Weighted estimate	Lower 95% CI	Upper 95% CI	Statistically different from previous year
Timiskaming Health Unit	7,404 ^M	27.4 ^M	18.0 ^M	36.9 ^M	No change
Leeds, Granville and Lanark District Health Unit	39,999	26.6	19.9	33.2	No change
Peterborough County-City Health Unit	30,789	26.0	18.5	33.6	No change
Niagara Regional Health Unit	99,870	26.0	21.6	30.5	Increased
Brant County Health Unit	28,058	25.4	18.7	32.2	No change
Thunder Bay District Health Unit	31,818	25.1	20.0	30.2	No change
Lambton Health Unit	28,042	25.0	19.6	30.4	No change
Perth District Health Unit	16,327	24.9	19.1	30.8	No change
Eastern Ontario Health Unit	40,251	23.5	17.6	29.4	No change
City of Hamilton Health Unit	105,574	22.4	17.5	27.4	No change
District of Algoma Health Unit	22,156	22.0	15.4	28.6	No change
Renfrew County and District Health Unit	18,774 ^M	21.9 ^M	14.3 ^M	29.4 ^M	No change
Sudbury and District Health Unit	35,415	21.9	17.2	26.6	No change
Haldimand-Norfolk Health Unit	20,998	21.8	15.7	27.8	No change
Wellington-Dufferin-Guelph Health Unit	51,141	21.6	17.1	26.0	No change
Chatham-Kent Health Unit	18,811 ^M	21.2 ^M	14.2 ^M	28.1 ^M	No change
Simcoe Muskoka District Health Unit	95,733	20.8	16.7	25.0	No change
Porcupine Health Unit	14,433	20.7	16.2	25.3	No change
Elgin-St. Thomas Health Unit	16,426	20.2	14.2	26.2	No change
Northwestern Health Unit	11,307	20.0	14.2	25.8	No change
Hastings and Prince Edward Counties Health Unit	27,436	19.8	14.9	24.7	Decreased
Huron County Health Unit	9,884	19.8	14.1	25.5	No change
Grey Bruce Health Unit	25,540	19.3	13.9	24.7	Decreased
HKPR Health Unit	29,390	19.3	14.3	24.4	No change
KFL&A Health Unit	31,710	18.9	13.4	24.4	No change
Oxford County Health Unit	18,793 ^M	18.3 ^M	12.0 ^M	24.6 ^M	No change
North Bay Parry Sound District Health Unit	19,490 ^M	17.9 ^M	11.8 ^M	24.0 ^M	Decreased
Durham Regional Health Unit	98,639	17.8	13.7	22.0	No change
Waterloo Health Unit	79,708	17.5	13.2	21.9	No change
Halton Regional Health Unit	76,959	17.0	12.9	21.2	No change
City of Toronto Health Unit	405,218	16.8	14.3	19.3	No change

Windsor-Essex County Health Unit	54,578	16.0	11.9	20.1	No change
York Regional Health Unit	149,571	15.9	11.8	20.1	No change
City of Ottawa Health Unit	114,526	14.3	11.1	17.6	No change
Middlesex-London Health Unit	54,708	14.0	10.2	17.7	No change
Peel Regional Health Unit	155,637	13.3	10.3	16.3	No change

Note: Current smoking defined as smoking daily or occasionally at the present time. Data extracted June 13, 2014.

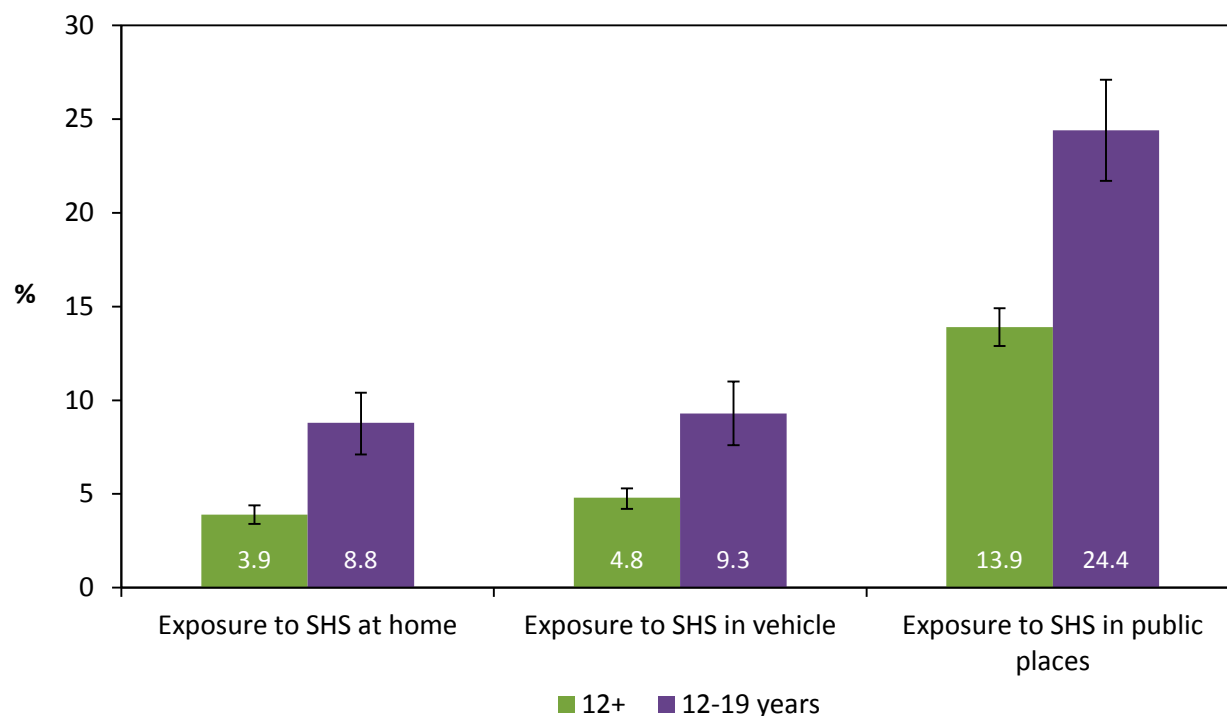
^M Marginal estimates should be interpreted with caution: subject to moderate sampling variability.

Source: CCHS 2013 (from the Canadian Socio-economic Information Management System [CANSIM]) Table 105-0501. Health indicator profile, annual estimates, by age group and sex, Canada, provinces, territories, health regions (2013 boundaries) and peer groups <http://www5.statcan.gc.ca/cansim/a26?lang=eng&retrLang=eng&id=1050501&paSer=&pattern=&stByVal=1&p1=1&p2=50&tabMode=dataTable&csid=>

Exposure to Secondhand Smoke

Ontarians continue to have some exposure to secondhand smoke in public places, in vehicles, and in homes (see Figure 1); almost a quarter of youth aged 12-19 report exposure in public places (24.4%). Exposure to secondhand smoke did not significantly change from the 2012 estimates.

Figure 1: Exposure to Secondhand Smoke at Home, in Vehicles, and in Public Places, 12+ and 12-19 Years, Ontario, 2013



Source: CCHS 2013 (from the Canadian Socio-economic Information Management System [CANSIM]) Table 105-0501. Health indicator profile, annual estimates, by age group and sex, Canada, provinces, territories, health regions (2013 boundaries) and peer groups <http://www5.statcan.gc.ca/cansim/a26?lang=eng&retrLang=eng&id=1050501&paSer=&pattern=&stByVal=1&p1=1&p2=50&tabMode=dataTable&csid=>

Data extracted June 13, 2014.

About the Canadian Community Health Survey

The Canadian Community Health Survey collects a wide range of information about the health status of Canadians, including indicators of smoking and exposure to second-hand smoke. Information is collected on an ongoing basis; results are released annually. The sample size of the survey is approximately 65,000 respondents.

Data for all indicators are available at the national, provincial and territorial level, as well as for the 110 health regions across Canada. The release of results for 2013 from Statistics Canada is available at: <http://www.statcan.gc.ca/daily-quotidien/140612/dq140612b-eng.htm>.