

Population Health Indicators for Algoma and Ontario



In August 2009 the Ministry of Health and Long-Term Care released a report entitled [Ontario's Initial Report on Public Health, August 2009](#), providing a snapshot of the current state of public health in Ontario. The indicators provided in the report are intended to contribute to our understanding of the public health system at both the provincial and local level.

The following report has been excerpted from the full report and highlights 18 population health indicators for Algoma and Ontario, including the minimum and maximum values reported for other public health units in Ontario.

The data sources for the 18 indicators are fully explained in the [Ontario report](#).



How are we doing?

Note: HU stands for Health Unit

Teen Pregnancy

The teen pregnancy rate indicator estimates the number of pregnancies (resulting in live births, stillbirths, and therapeutic abortions) per 1,000 females age 15-19 years.

Year	Algoma	Ontario	Ontario HU (min)	Ontario HU (max)
2007	42.5	25.7	9.5	60.8

Low Birth Weight

The low birth weight rate indicator estimates the rate of singleton live births weighing 500-2499 grams immediately upon birth, based on the mother's usual place of residence per the total for singleton live births weighing at least 500 grams per 1,000 births.

Year	Algoma	Ontario	Ontario HU (min)	Ontario HU (max)
2007	51.8	47.9	20.9	67.5

Postpartum Contact

The postpartum contact indicator is defined as the percentage of families who consented to a post-partum phone call under the Healthy Babies Healthy Children (HBHC) program and who received a post-partum phone call or contact from the health unit within 48 hours of release from hospital after giving birth.

Year	Algoma	Ontario	Ontario HU (min)	Ontario HU (max)
2007	89.3%	80.8%	58.2%	95.8%

Breastfeeding Duration

The breastfeeding duration rate indicator estimates the proportion of mothers age 15-55 years who breastfed (not exclusively) their last baby (born within the past five years) for a duration of six months or more.

Year	Algoma	Ontario	Ontario HU (min)	Ontario HU (max)
2007	46% ^E	50%	31% ^E	65%

^E Warning of high variability associated with estimate

Youth Lifetime Smoking Abstinence

The youth lifetime smoking abstinence indicator estimates the proportion of young people age 12-19 years who have never smoked a whole cigarette.

Year	Algoma	Ontario	Ontario HU (min)	Ontario HU (max)
2007	79%	81%	48% ^E	92%

^E Warning of high variability associated with estimate

Smoking Prevalence

The smoking prevalence indicator estimates the age-standardized proportion of people age 12 years and older who are current smokers (daily or occasional cigarette smokers).

Year	Algoma	Ontario	Ontario HU (min)	Ontario HU (max)
2007	29%	*	16%	34%

* Ontario value not provided

Youth Heavy Drinking Episode

The youth heavy drinking episode indicator identifies the proportion of people age 12-19 years who reported consuming five or more drinks on at least one occasion during the previous 12 months.

Year	Algoma	Ontario	Ontario HU (min)	Ontario HU (max)
2007	34%	25%	12% ^E	65%

^E Warning of high variability associated with estimate

Adult Heavy Drinking Episode

The adult heavy drinking episode indicator estimates the age-standardized proportion of people age 20 years or older who reported consuming five or more drinks on at least one drinking occasion during the previous 12 months.

Year	Algoma	Ontario	Ontario HU (min)	Ontario HU (max)
2007	48%	37%	24%	54%

Physical Activity

The physical activity index indicator estimates the age-standardized proportion of the population age 12 years and older by level of energy expenditure in the categories active and moderately active in their leisure time physical activity.

Year	Algoma	Ontario	Ontario HU (min)	Ontario HU (max)
2007	52%	50%	43%	64%

Healthy Body Mass Index

The healthy body mass index indicator estimates the age-standardized proportion of people age 18 years and older whose self reported height and weight denote a healthy body mass index (BMI). BMI is calculated using the person's weight in kilograms divided by their height in squared metres. The World Health Organization considers a BMI in the range of 18.5-24.9 to be healthy for most adults.

Year	Algoma	Ontario	Ontario HU (min)	Ontario HU (max)
2007	38%	47%	33% ^E	55%

^E Warning of high variability associated with estimate

Fruit and Vegetable Consumption

The fruit and vegetable consumption indicator estimates the age-standardized proportion of the population age 12 years and older that reported consuming fruits and vegetables five or more times per day.

Year	Algoma	Ontario	Ontario HU (min)	Ontario HU (max)
2007	34%	42%	29%	50%

Fall-Related Hospitalizations Among Seniors

The fall-related hospitalization rate indicator estimates the age-standardized number of injury-related hospital separations that are due to falls in seniors age 65 years and older per 100,000.

Year	Algoma	Ontario	Ontario HU (min)	Ontario HU (max)
2007	1,576.8	1,309.5	942.6	2,371.5

Enteric Illnesses Incidence

The enteric illnesses age-standardized incidence rate estimates the total number of reported cases of selected enteric illnesses* per 100,000 population.

Year	Algoma	Ontario	Ontario HU (min)	Ontario HU (max)
2007	46.1	88.7	40.0	164.1

* For definition, see the [Ontario report](#).

Respiratory Infection Outbreaks in LTC Homes

The respiratory infection outbreak indicator estimates the number of confirmed respiratory infection outbreaks in long-term care homes between September 1, 2006 and August 31, 2007.

Year	Algoma	Ontario	Ontario HU (min)	Ontario HU (max)
Sept 06-Aug 07	0	602	0	113

Chlamydia Incidence

The age-standardized chlamydia incidence rate indicator estimates the total number of reported chlamydia cases per 100,000 population.

Year	Algoma	Ontario	Ontario HU (min)	Ontario HU (max)
2007	276.9	219.8	78.9	678.9

Immunization Coverage for Hepatitis B

The immunization coverage for hepatitis B indicator estimates the proportion of grade 7 students who have completed the immunization series against hepatitis B by the end of grade 7.

Year	Algoma	Ontario	Ontario HU (min)	Ontario HU (max)
2007/2008 school year	89.0%	79.8%	65.2%	95.2%

Immunization Coverage for Measles, Mumps and Rubella

The immunization coverage for measles, mumps and rubella indicator estimates the proportion of school children age 7 years who are known to be complete for age for vaccination against measles, mumps and rubella.

Year	Algoma	Ontario	Ontario HU (min)	Ontario HU (max)
2007/2008 school year	94.6%	84.9%	20.7%	97.8%

Adverse Water Quality Results

The adverse water quality incidents indicator identifies the number of adverse water quality incidents from drinking water systems subject to O.Reg 252/05 and unregistered drinking water systems. An adverse drinking water incident occurs when a water sample test result exceeds the Ontario Drinking Water Quality Standards 118 or an operator observes that the system may not be providing safe water.

Year	Algoma	Ontario	Ontario HU (min)	Ontario HU (max)
2007	138	4,458	13	446



Algoma Public Health
www.algomapublichealth.com
July 2010

Reference:

Ministry of Health and Long-Term Care, Public Health Division. Initial Report on Public Health; August 2009. Queen's Printer for Ontario; 2008. Retrieved March 16, 2010 from: http://www.health.gov.on.ca/english/public/pub/pubhealth/init_report/pdfs/initial_rep_on_public_health_rep_20090821.pdf