

# Smoking cessation

Resource for Indicator Standards (RIS)  
Health Analytics Branch, Ministry of Health and Long-Term Care

## Indicator description

### RIS indicator name

Smoking cessation

### Other names for this indicator

Percentage of adult smokers (age >18) with a primary care physician consult for smoking cessation

### Indicator description

Proportion of adult (age >18) smokers with at least one consult with a primary care physician (family physician or general practitioner) where a smoking-cessation-related fee code was billed.

### Accountability agreement(s) or ministry initiative(s) the indicator supports

- The Quarterly

## Numerator

### Data source

Claims History Database, MOHLTC, Health Data Branch server; OR

Approved Claims File, MOHLTC, IntelliHEALTH ONTARIO

### Inclusion/exclusion criteria

#### Includes:

1. Adults (ages 18+) with a valid health number (HN) who reside in Ontario;
2. Patients with a visit to a primary care physician where at least one smoking-cessation code was billed;
3. Fee schedule codes: E079 (initial discussion with patient re: smoking cessation), K039 (smoking cessation follow-up visit), and Q042 [additional smoking cessation follow-up claim allowed for primary enrollment model (PEM) physicians only];

4. Primary care physicians: family physicians or general practitioners who are licensed to practice in Ontario.

**Excludes:**

N/A

## Calculation

**Steps:**

1. Enter text here Count distinct patients who meet the inclusion/ exclusion criteria. If a patient has more than one visit, they are only counted once.

Note: The distinct count of patients for Ontario should be run separately from analysis by LHIN of patient as there can be patients who had related visits while living in different LHINs.

## Denominator

### Data source

Canadian Community Health Survey (CCHS – Statistics Canada) - Ontario Share File, MOHLTC

### Inclusion/exclusion criteria

**Includes:**

1. Respondents aged 18+ years (variable  $dhh\_age \geq 18$ );
2. Respondents are categorized as smokers based on their responses to a series of questions in the Canadian Community Health Survey (CCHS). The variable derived from the responses to these questions (var=smkdsty) is used to categorize whether or not a respondent is a smoker (if smkdsty = 1, 2 or 3 then smoker).

**Excludes:**

1. Respondents who did not answer questions used to derive the variable, smkdsty = 99 (not stated).

## Calculation

**Steps:**

1. Define categories: if smkdsty = 1, 2 or 3 then smoker; else if smkdsty = 4, 5 or 6, non-smoker.
2. Include only respondents who are over 18 ( $dhh\_age \geq 18$ ).
3. Exclude respondents who did not answer the survey question (i.e. smkdsty = 99).
4. Run weighted analysis using wts\_s variable.

# Timing and geography

## Timing/frequency of release

**How often and when data are being released (e.g., be as specific as possible...data are released annually in mid-May)**

Numerator:

Available monthly from Claims History Database (CHDB).

Available annually from OHIP Approved Claims File.

Denominator:

Available annually from the Canadian Community Health Survey (CCHS), upon release of the data by Statistics Canada.

## Trending

### Years available for trending

2006 – most recent fiscal quarter for CHDB.

2002 – to most recent fiscal year for OHIP Approved Claims File.

2007 – initial release of CCHS data on an annual basis (before 2007, the CCHS main survey was released every two years: CCHS 2000, CCHS 2003 and CCHS 2005).

## Levels of comparability

### Levels of geography for comparison

Analysis is by LHIN of patient residence. Other geographic levels are available from the numerator and denominator data sources.

# Additional information

## Limitations

### Specific limitations

N/A

## Comments

### Additional information regarding the calculation, interpretation, data source, etc.

Using the OHIP Approved Claims File requires aggregating data by patient, physician, and service date to determine unique visits.

## References

Provide URLs of any key references (e.g., Diabetes in Canada, [http:// ...](#))

N/A

## Contact information

For more information about this indicator, please contact [RIS@ontario.ca](mailto:RIS@ontario.ca).

## Date RIS document created (YYYY-MM-DD)

2013-04-16

## Date last reviewed (YYYY-MM-DD)

2017-09-12