

Adult premature mortality by material deprivation

Alternate Name*

Adult premature mortality by material deprivation quintile

INDICATOR DESCRIPTION

Description*

This indicator measures the premature mortality rates of people aged 18 to 74 (deaths per 1,000 people), in Ontario, by material deprivation quintile. Premature mortality is defined as deaths before 75 years of age. The material deprivation quintiles are derived from the Ontario Marginalization Index (ON-MARG) and describe the likelihood that an individual is unable to afford or attain essential goods and services. A lower rate is better.

HQO Reporting tool/product

Public reporting

Dimension*

Effective

Type*

Outcome

DEFINITION AND SOURCE INFORMATION

Unit of Measurement*

Death per 1,000 people

Calculation Methods*

This indicator is calculated as: number of premature deaths (numerator) divided by the population at risk of dying prematurely (denominator) and multiplying that ratio by 1,000 population

Numerator (short description i.e. not inclusions/exclusions)*

Number of deaths between age 18 to 74, regardless of cause of death, stratified by material deprivation quintiles. Premature mortality rates are reported as deaths per 1000 for both annual and era rates (2008 to 2015).

Denominator (short description i.e. not inclusions/exclusions)*

Number of Ontario residents age 18 to 74.
Please note that for the era rates, the population denominator year is the median year of 2008 to 2015, which is 2012.

Adjustment (risk, age/sex standardization)- generalized

None

Data Source

Ontario Marginalization Index (ON-Marg)
Vital Statistics, Birth and Death Databases
Registered Persons Database (RPDB)

Data provided to HQO by

Population Health Analytics Lab

Reported Levels of comparability /stratifications (defined)

Time
Region

OTHER RELEVANT INFORMATION

Comments Summary

Material deprivation quintiles from the Ontario Marginalization Index (ON-MARG) was used as a proxy measure for socioeconomic status. The ON-MARG was developed using 2001 and 2006 Canadian census data, so nearest-census data were used for all other years: 2001 data were applied to deaths between 1992 and 2003, and 2006 data for deaths 004 –2015. Individuals were excluded from this analysis if they were missing material deprivation data from their ON-MARG record. Please note that the ON-MARG quintiles are based on the Ontario-wide distribution of material deprivation.

TAGS

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Other
Outcome
Population Health
Effective
Ontario Marginalization Index (ON-Marg)
Vital Statistics, Birth and Death Databases
Registered Persons Database (RPDB)

PUBLISH

PUBLISH DATETIME*

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by material deprivation

20/11/2018 15:51:00