

Life expectancy

Alternate Name*

Life expectancy at birth

INDICATOR DESCRIPTION

Description*

This indicator measures the number of years a person would be expected to live, starting at birth (for life expectancy at birth if the age- and sex-specific mortality rates for a given observation period (such as a calendar year) were held constant over his/her life span. A higher result is better.

HQO Reporting tool/product

Public reporting

Dimension*

Effective

Type*

Outcome

DEFINITION AND SOURCE INFORMATION

Unit of Measurement*

Years

Calculation Methods*

This indicator is calculated as: the numerator divided by the denominator
Age- and sex-specific mortality rates corresponding to the reference period are applied to a hypothetical cohort, typically of 100,000. Starting at birth, the probability of dying at each age or age interval is applied to the number of people surviving to that age or the beginning of the age interval, respectively.

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

Cumulative number of person-years lived, for a cohort of 100,000 persons

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

Number of persons in an initial cohort of 100,000 live births

Adjustment (risk, age/sex standardization)- generalized

None

Data Source

Vital Statistics, Birth and Death Databases

Data provided to HQO by

Statistics Canada

Reported Levels of comparability /stratifications (defined)

International comparison

Time

Region

Sex

OTHER RELEVANT INFORMATION

Caveats and Limitations

This indicator does not provide information on the individual causes of deaths or on quality of life.

Comments Summary

1 Life expectancy and other elements of the life table, Canada, all provinces except Prince Edward Island, three-year average, Statistic Canada Table 13-10-0114-01 2 Life expectancy and other elements of the life table, Prince Edward Island and the territories, three-year average, Statistic Canada Table 13-10-0140-01 3. Life expectancy, at birth and at age 65, by sex, three-year average, Canada, provinces, territories, health regions and peer groups, Statistic Canada Table: 13-10-0063-01 (formerly CANSIM 102-4308) 4. For international comparisons, data is provided from OECD (2018), Life expectancy at birth (indicator). doi: 10.1787/27e0fc9d-en (Accessed on 22 March 2018)

TAGS

TAGS*

Other

Outcome

Population Health

Effective

Vital Statistics, Birth and Death Databases

PUBLISH

PUBLISH DATETIME*

19/11/2018 07:41:00