



# 2021 Chief Public Health Officer's Report

# APPENDIX



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## Methodology

The Health Trends section of the report updates previous health indicators reports prepared since 2003. This report provides comparisons with Canada and comparisons over time on a broad range of indicators.

Multiple sources of health surveillance data from both federal and provincial government departments were used in the formation of this document which include: Canadian Community Health Survey (CCHS), Canadian Chronic Disease Surveillance System (CCDSS), Vital Statistics Canadian Birth and Death databases, PEI Cancer Registry, Canadian Cancer Registry, PEI Department of Finance Statistics Bureau, Department of Health and Wellness Chief Public Health Office Communicable Disease database, Postal Code Conversion File, and Material and Social Deprivation Index. Sources used for each indicator are noted in the main document and the data tables within this appendix.

One of the primary sources of data for this report is the CCHS. This survey is conducted by Statistics Canada over two years to provide regular and timely cross-sectional estimates of various health indicators. When estimates are provided from surveys, the associated confidence interval should always be considered, as survey sample size can have significant impacts on estimates. It is also important to remember that CCHS data is self-reported. In some instances, individuals may provide socially desirable responses to questions.

The most recent CCHS data collection period included in this report is 2017/18. Approximately 107,100 Canadians completed the CCHS over these two years, using both computer-assisted personal and telephone interviews. The target population of the CCHS includes household residents age 12 and over in all provinces and territories, with the exclusion of populations on Indigenous Reserves, those in the Military, some remote areas, and persons living in institutions. In PEI, the sample size was 1,818 residents.

Information for diabetes, hypertension, heart disease, chronic obstructive pulmonary disease and mood and anxiety disorders is based on the CCDSS, which is coordinated by the Public Health Agency of Canada. This surveillance system links the Prince Edward Island health insurance registry database with physician billing, hospitalization, and vital statistics data. Identifying whether or not a person has the chronic disease is based on a validated procedure of searching for specific medical codes within the linked datasets.

Age-standardization is a procedure for adjusting rates, which is designed to minimize the effects of differences in age composition when comparing rates for different populations or from the same population across different time periods. The direct method was used to average age-specific rates, using the distribution of a standard population as weights. The adjusted rate then represents what the observed rate would have been if the populations being compared had the same age distribution as the standard population. The standard population used for this report was the 2011 Canadian population. When interpreting age-standardized rates, individual values should not be emphasized. Instead, focus should be placed on trends in the data.

Case counts are converted to rates per 100,000 to allow for comparable health indicators. In instances where there are less than 10 (CCHS) or less than 5 responses or cases, the data may be suppressed because of the small sample size.

Comparisons with other data sources may result in different numbers for similar concepts, usually as a result of differences in methodology. To minimize problems, comparisons should use the same data source and look for trends over time. Sometimes several documents using the same data sources will report different numbers. This may be the result of reporting on more current data, the use of different age groups, the use of sub-samples of the dataset, or the use of average estimates that combine multiple years of data.

Statistical significance implies that the difference in results is not due simply to chance alone. Although 95% confidence intervals are presented in this report, when determining statistical differences, non-overlapping confidence intervals at 85% were considered significant.

## Population Statistics

### PEI Population Projections

Definition: Population size, including age groupings, provides information on the changing characteristics, structure and shifting service demands of our population.

#### PEI Population Projections by Age and Sex

<u>Age</u>	<u>2021</u>	<u>2030</u>	<u>2040</u>	<u>2050</u>	<u>2060</u>
<b>Male</b>					
<24	23,216	25,316	27,821	29,467	30,653
25-44	19,631	23,956	25,233	25,986	28,717
45-64	21,239	21,709	27,248	32,825	33,393
65+	15,213	19,377	20,650	21,853	26,844
<b>Female</b>					
<24	21,855	23,825	25,486	27,065	28,104
25-44	19,776	23,463	25,012	25,801	27,362
45-64	22,454	22,878	27,657	32,029	33,479
65+	17,860	23,006	26,117	26,840	31,142
<b>Total</b>					
<24	45,071	49,141	53,307	56,532	58,757
25-44	39,047	47,419	50,245	51,787	56,079
45-64	43,693	44,587	54,905	64,854	66,872
65+	33,073	42,383	45,767	48,693	57,986

*Data source: PEI Statistics Bureau.*

**Immigration**

**Definition:** Proportion of the population who was born within and outside of Canada. Region of birth is provided for those born outside of Canada (i.e., immigrants to Canada regardless of immigration class or status).

**Self-Reported Country or Region of Birth, PEI and Canada, 2017/18**

Country or Region	PEI		Canada	
	%	CI	%	CI
Canada	90.1	88.1-91.7	72.5	71.9-73.0
Asia	3.4	2.6-4.6	12.5	12.0-13.1
Europe	2.9	2.1-4.0	7.2	6.9-7.5
Other North America	1.3	0.8-2.1	1.2	1.1-1.3
South, Central America and Caribbean	0.7	0.3-1.6	3.2	3.0-3.5
Africa	0.6	0.3-1.2	2.4	2.2-2.6
Oceania	0.1	0.0-0.2	0.2	0.2-0.3
Not Stated	1.0	0.5-1.9	0.7	0.6-0.9

*Data source: Statistics Canada, Canadian Community Health Survey 2017/18.*

## **Race and Ethnicity**

**Definition:** Proportion of the population who identifies with each racial or ethnic category. Of note, while race and ethnicity are related but distinct concepts, they have been combined in the Canadian Community Health Survey, the source from which this data was drawn. Hence, those classifications are presented here.

### **Self-Reported Ethno-Racial Background, PEI and Canada, 2017/18**

Race/ Ethnicity	PEI		Canada	
	%	CI	%	CI
White only	90.1	88.3-91.7	72.3	71.7-72.9
Indigenous	2.3	1.6-3.3	3.7	3.6-3.9
Chinese only	1.5	1.0-2.3	3.9	3.7-4.3
South Asian only	1.0	0.5-1.9	4.8	4.5-5.1
Black only	0.5	0.2-1.0	2.8	2.5-3.0
Filipino only	0.3	0.1-0.7	2.2	2.0-2.3
Latin American only	0.6	0.3-1.6	1.4	1.3-1.7
Arab only	0.3	0.1-0.9	1.4	1.2-1.6
Southeast Asian only	0.2	0.1-0.6	1.1	0.9-1.2
Other racial or cultural origin (only)	0.9	0.5-1.5	3.0	2.8-3.2
Multiple racial or cultural origins	0.9	0.5-1.6	2.3	2.1-2.5
Not stated	1.5	0.9-2.4	1.2	1.0-1.3

*Data source: Statistics Canada, Canadian Community Health Survey 2017/18.*

**Definition:** Proportion of population who speaks each language or combination of languages most often at home. Up to three languages could be provided, and multiple responses are only accepted if the languages were spoken equally often at home. Language is a dimension of ethnicity.

### **Self-Reported Language Spoken Most Often at Home, PEI and Canada, 2017/18**

Language	PEI		Canada	
	%	CI	%	CI
English	91.5	89.8-93.0	59.4	58.8-59.9
French	1.0	0.6-1.8	18.6	18.3-18.8
English and French	2.1	1.5-3.1	2.4	2.3-2.5
English, French, and Other	0.0	0.0-0.3	0.5	0.5-0.6
English and Other	1.2	0.7-1.9	7.7	7.4-8.1
French and Other	0.0	---	0.9	0.8-1.0
Other	3.1	2.2-4.2	9.8	9.4-10.2
Not stated	1.0	0.5-1.9	0.7	0.6-0.9

*Data source: Statistics Canada, Canadian Community Health Survey 2017/18.*

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**Sexual Orientation Identity**

**Definition:** Proportion of population who identifies with each sexual orientation. Of note, this indicator only measures sexual orientation identity, not sexual attraction, sexual behaviour, or gender identity.

**Self-Reported Sexual Orientation Identity, Age 15+, PEI and Canada, 2017/18**

Sexual Orientation Identity	PEI		Canada	
	%	CI	%	CI
Heterosexual	88.8	87.2-90.2	88.3	87.9-88.6
Homosexual (lesbian or gay)	0.8	0.5-1.4	1.3	1.2-1.5
Bisexual	1.8	1.2-2.7	1.7	1.6-1.9
Don't know	0.7	0.4-1.2	0.8	0.7-0.9
Valid skip	3.9	3.3-4.5	3.7	3.6-3.8
Not stated	4.0	3.1-5.3	4.2	4.0-4.5

*Data source: Statistics Canada, Canadian Community Health Survey 2017/18.*

## **Leading Causes of Death**

**Definition:** Mortality rate for each cause of death. Ranking the leading causes of death provides valuable information on current mortality patterns in the population. The ten leading causes of death in PEI are found in the table below, along with mortality rates for PEI and Canada.

### **Leading Causes of Death, PEI and Canada, 2019**

Cause of Death	Mortality Rate (per 100,000 population)	
	PEI	Canada
Malignant neoplasms (cancer)	190.2	186.1
Diseases of heart (heart disease)	144.8	119.0
Cerebrovascular diseases (stroke)	47.5	30.9
Chronic lower respiratory diseases	41.2	29.1
Unintentional injuries (accidents)	33.2	33.3
Influenza and pneumonia	22.4	15.5
Diabetes mellitus (diabetes)	17.8	16.0
Intentional self-harm (suicide)	11.5	10.7
Kidney Disease	9.1	8.5
Liver diseases	8.1	8.9

*Data source: Statistics Canada, Canadian Vital Statistics – Birth and Death databases. Age-standardized using the 2011 Canadian population, Table 13-10-0800-02 (formerly CANSIM 102-0553).*

**Life Expectancy**

**Definition:** Life expectancy at birth is the average number of years a person would be expected to live if current trends remain the same. Infant mortality affects overall life expectancy.

**Life Expectancy at Birth, in Years, PEI and Canada**

Year of Birth	Male		Female	
	PEI	Canada	PEI	Canada
1999	75.2	76.3	80.8	81.7
2000	75.2	76.6	81.7	81.9
2001	75.4	77.0	81.7	82.0
2002	75.9	77.2	81.8	82.2
2003	76.4	77.5	81.5	82.3
2004	76.9	77.7	81.8	82.5
2005	77.3	78.0	82.1	82.8
2006	77.5	78.3	82.8	82.9
2007	77.4	78.5	82.7	83.1
2008	77.7	78.8	83.1	83.3
2009	78.0	79.2	83.0	83.5
2010	78.5	79.4	83.2	83.8
2011	78.3	79.6	83.0	83.9
2012	78.6	79.8	83.2	84.0
2013	79.0	79.8	83.5	84.0
2014	79.8	79.9	83.7	84.1
2015	79.9	80.0	83.8	84.1

*Data source: Statistics Canada, Canadian Vital Statistics – Death database. Statistics Canada uses a 3-year rolling average method to calculate life expectancy, Table 13-10-0389-01.*

## Health Status

### General Health

**Definition:** Proportion of population indicating each health status based on personal judgement. Higher scores indicate positive perceived health status.

**Question:** The next questions are about your health. By health, we mean not only the absence of disease or injury but also physical, mental and social well-being. In general, would you say your health is: excellent, very good, good, fair, or poor?

### **Self-Reported Excellent or Very Good Health, PEI and Canada, Aged 12+**

Self-Reported General Health	PEI		Canada	
	%	CI	%	CI
<b>Very Good/ Excellent</b>				
2007/08	60.2	57.6-62.7	58.9	58.4-59.3
2009/10	64.6	61.5-67.6	60.0	59.5-60.5
2011/12	59.5	56.3-62.7	60.1	59.5-60.6
2013/14	59.8	56.8-62.7	59.6	59.1-60.1
2015/16	62.8	60.3-65.4	62.1	61.6-62.6
2017/18	63.9	61.0-66.7	61.7	61.1-62.2
<b>Good</b>				
2007/08	26.5	24.3-28.9	29.4	29.0-29.9
2009/10	23.3	20.6-26.2	28.5	28.0-29.0
2011/12	29.2	26.5-32.1	28.7	28.2-29.3
2013/14	29.4	26.7-32.3	29.4	28.9-29.8
2015/16	26.4	23.9-29.1	27.3	26.8-27.8
2017/18	24.5	22.0-27.1	27.7	27.2-28.2
<b>Fair/Poor</b>				
2007/08	13.3	11.7-15.0	11.7	11.4-12.0
2009/10	12.1	10.4-14.0	11.5	11.2-11.8
2011/12	11.3	9.4-13.5	11.2	10.9-11.6
2013/14	10.8	9.3-12.5	11.0	10.7-11.3
2015/16	10.9	9.3-12.7	10.6	10.3-10.9
2017/18	11.7	10.1-13.4	10.7	10.4-11.0

*Data source: Statistics Canada, Canadian Community Health Survey 2007/08 to 2017/18. Age-standardized using the 2011 Canadian population.*

**Self-Reported Excellent or Very Good Health, by Age and Sex, PEI, 2017/18**

Sex	12-17 yr.		18-34 yr.		35-49 yr.		50-64 yr.		65+ yr.		Total	
	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI
Male	77.4	66.4-85.5	68.0	58.6-76.1	63.9	53.8-72.8	61.1	52.8-68.8	52.0	44.5-59.3	62.7	58.6-66.7
Female	69.3	58.4-78.4	67.3	58.4-75.0	73.1	64.8-80.1	58.3	51.1-65.1	51.2	44.9-57.4	62.7	59.1-66.2
Total	73.4	65.5-80.1	67.6	61.4-73.3	68.6	62.3-74.3	59.6	54.2-64.8	51.5	46.4-56.7		

Data source: Statistics Canada, Canadian Community Health Survey 2017/18.

**Self-Reported Excellent or Very Good Health, by Type of Population Centre, PEI, 2017/18**

Population Centre	%	CI
Rural	62.6	59.1-66.1
Small centre (1,000 to 29,999)	55.2	47.3-62.8
Medium centre (30,000 to 99,000)	66.9	61.0-70.5

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus.

**Self-Reported Excellent or Very Good Health, by Material Deprivation, PEI, 2017/18**

Level of Material Deprivation	%	CI
Quintile 1 (least deprived)	69.7	63.7-75.0
Quintile 2	63.1	56.8-68.9
Quintile 3	62.3	55.8-68.3
Quintile 4	59.6	53.8-65.2
Quintile 5 (most deprived)	59.9	53.6-65.9

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.

**Self-Reported Excellent or Very Good Health, by Social Deprivation, PEI, 2017/18**

Level of Social Deprivation	%	CI
Quintile 1 (least deprived)	62.6	56.4-68.4
Quintile 2	66.8	60.7-72.4
Quintile 3	66.4	60.0-72.3
Quintile 4	61.4	55.2-67.3
Quintile 5 (most deprived)	57.2	51.1-63.1

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.

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**Self-Reported Excellent or Very Good Health, by Material and Social Deprivation Combined, PEI, 2017/18**

<b>Level of Material and Social Deprivation</b>	<b>%</b>	<b>CI</b>
Quintile 1 (least deprived)	64.8	57.8-71.1
Quintile 2	65.9	59.6-71.7
Quintile 3	60.4	52.1-68.1
Quintile 4	65.1	59.4-70.4
Quintile 5 (most deprived)	54.4	47.9-60.8

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.*

## Mental Health

**Definition:** Proportion of population indicating each mental health status based on personal judgement. Higher scores indicate positive perceived mental health status.

**Question:** In general, would you say your mental health is: excellent, very good, good, fair, or poor?

### Self-Reported Mental Health, PEI and Canada, Aged 12+

Self-Reported Mental Health	PEI		Canada	
	%	CI	%	CI
<b>Very Good/ Excellent</b>				
2007/08	74.7	72.2-77.0	74.5	74.0-74.9
2009/10	75.1	72.5-77.6	73.7	73.2-74.1
2011/12	71.2	67.8-74.3	72.3	71.7-72.8
2013/14	70.0	66.8-73.0	71.2	70.7-71.7
2015/16	74.4	71.6-77.0	71.7	71.2-72.2
2017/18	68.0	65.1-70.7	69.4	68.9-69.9
<b>Good</b>				
2007/08	20.9	18.6-23.3	20.6	20.3-21.1
2009/10	19.8	17.6-22.3	21.1	20.7-21.6
2011/12	23.2	20.4-26.2	22.1	21.6-22.6
2013/14	23.1	20.5-25.9	22.6	22.1-23.0
2015/16	20.7	18.3-23.3	21.9	21.5-22.4
2017/18	24.7	22.2-27.4	23.2	22.7-23.6
<b>Fair/Poor</b>				
2007/08	4.5	3.4-5.9	4.9	4.7-5.1
2009/10	5.0	4.0-6.3	5.2	5.0-5.4
2011/12	5.7	4.4-7.4	5.7	5.4-5.9
2013/14	6.9	5.5-8.7	6.2	6.0-6.5
2015/16	4.9	3.9-6.1	6.4	6.1-6.6
2017/18	7.3	5.9-9.0	7.4	7.1-7.7

Data source: Statistics Canada, Canadian Community Health Survey 2007/08 to 2017/18. Age-standardized using the 2011 Canadian population.

### Self-Reported Excellent or Very Good Mental Health, by Age and Sex, PEI, 2017/18

Sex	12-17 yr.		18-34 yr.		35-49 yr.		50-64 yr.		65+ yr.		Total	
	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI
Male	79.4	68.0-87.5	63.0	53.5-71.6	72.9	63.5-80.6	62.8	54.9-70.0	80.0	73.4-85.3	69.8	65.8-73.5
Female	63.0	51.6-73.2	56.1	47.2-64.6	73.5	65.6-80.1	66.2	58.9-72.8	75.1	69.0-80.4	67.3	63.7-70.6
Total	71.4	63.2-78.3	59.5	53.0-65.7	73.2	67.5-78.2	64.5	59.1-69.6	77.4	72.9-81.3		

Data source: Statistics Canada, Canadian Community Health Survey 2017/18.

**Self-Reported Excellent or Very Good Mental Health, by Type of Population Centre, PEI, 2017/18**

Population Centre	%	CI
Rural	70.5	67.0-73.8
Small centre (1,000 to 29,999)	61.9	53.9-69.3
Medium centre (30,000 to 99,000)	67.6	62.5-72.3

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus.

**Self-Reported Excellent or Very Good Mental Health, by Material Deprivation, PEI, 2017/18**

Level of Material Deprivation	%	CI
Quintile 1 (least deprived)	67.5	61.4-73.1
Quintile 2	72.4	66.1-77.9
Quintile 3	66.7	60.3-72.5
Quintile 4	68.0	62.3-73.2
Quintile 5 (most deprived)	66.2	59.8-72.0

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.

**Self-Reported Excellent or Very Good Mental Health, by Social Deprivation, PEI, 2017/18**

Level of Social Deprivation	%	CI
Quintile 1 (least deprived)	67.5	61.5-73.1
Quintile 2	73.0	66.7-78.6
Quintile 3	74.7	68.1-80.3
Quintile 4	61.4	55.5-67.0
Quintile 5 (most deprived)	64.1	57.7-70.0

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.

**Self-Reported Excellent or Very Good Mental Health, by Material and Social Deprivation Combined, PEI, 2017/18**

Level of Material and Social Deprivation	%	CI
Quintile 1 (least deprived)	71.0	63.8-77.3
Quintile 2	74.0	67.4-79.7
Quintile 3	58.2	49.0-66.8
Quintile 4	70.2	64.8-75.1
Quintile 5 (most deprived)	66.0	60.2-71.3

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.

## Perceived Life Stress

**Definition:** Proportion of population indicating each level of life stress based on personal judgement. Higher scores indicate higher perceived life stress.

**Question:** Thinking about the amount of stress in our life, would you say that most of your days are: not at all stressful, not very stressful, a bit stressful, quite a bit stressful, extremely stressful?

### Self-Reported Life Stress, PEI and Canada, Aged 12+

Self-Reported Life Stress	PEI		Canada	
	%	CI	%	CI
<b>Not at All Stressful/ Not Very Stressful</b>				
2007/08	39.2	36.9-41.6	36.8	36.4-37.2
2009/10	42.5	39.6-45.5	36.3	35.8-36.7
2011/12	37.6	34.4-40.9	36.0	35.5-36.5
2013/14	42.3	39.5-45.2	35.8	35.3-36.3
2015/16	42.2	39.4-45.0	37.6	37.1-38.1
2017/18	39.5	36.8-42.2	37.4	36.9-37.9
<b>A Bit Stressful</b>				
2007/08	46.0	43.6-48.4	41.2	40.7-41.6
2009/10	44.6	41.6-47.7	41.4	40.9-41.9
2011/12	46.1	42.8-49.4	41.8	41.3-42.3
2013/14	40.3	37.4-43.4	42.0	41.5-42.5
2015/16	44.0	40.8-47.1	41.1	40.6-41.7
2017/18	44.7	42.0-47.5	41.2	40.7-41.7
<b>Quite a Bit Stressful/ Extremely Stressful</b>				
2007/08	14.8	13.0-16.9	22.0	21.6-22.4
2009/10	12.8	11.0-14.9	22.3	21.9-22.7
2011/12	16.3	13.7-19.2	22.2	21.8-22.7
2013/14	17.4	15.1-19.9	22.1	21.7-22.6
2015/16	13.9	12.0-16.0	21.3	20.9-21.8
2017/18	15.8	13.8-18.1	21.4	21.0-21.9

Data source: Statistics Canada, Canadian Community Health Survey 2007/08 to 2017/18. Age-standardized using the 2011 Canadian population.

### Self-Reported No or Low Perceived Life Stress, by Age and Sex, PEI, 2017/18

Sex	12-17 yr.		18-34 yr.		35-49 yr.		50-64 yr.		65+ yr.		Total	
	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI
Male	55.4	43.2-66.9	36.1	28.2-44.8	37.4	28.4-47.3	40.0	32.8-47.6	57.9	50.9-64.6	43.4	39.6-47.3
Female	48.7	37.2-60.3	31.2	23.7-39.9	30.3	22.6-39.3	27.6	21.5-34.7	58.0	51.6-64.0	37.3	33.8-41.0
Total	52.2	43.8-60.5	33.7	28.2-39.7	33.7	27.5-40.5	33.6	28.7-38.9	57.9	53.4-62.3		

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18.

**Self-Reported No or Low Perceived Life Stress, by Type of Population Centre, PEI, 2017/18**

Population Centre	%	CI
Rural	39.2	35.8-42.6
Small centre (1,000 to 29,999)	44.0	36.5-51.7
Medium centre (30,000 to 99,000)	40.7	36.0-45.6

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus.

**Self-Reported No or Low Perceived Life Stress, by Material Deprivation, PEI, 2017/18**

Level of Material Deprivation	%	CI
Quintile 1 (least deprived)	40.9	34.7-47.3
Quintile 2	34.1	28.6-40.0
Quintile 3	40.1	34.4-46.1
Quintile 4	39.0	33.7-44.7
Quintile 5 (most deprived)	45.7	39.6-51.9

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.

**Self-Reported No or Low Perceived Life Stress, by Social Deprivation, PEI, 2017/18**

Level of Social Deprivation	%	CI
Quintile 1 (least deprived)	33.6	28.5-39.2
Quintile 2	41.2	35.4-47.2
Quintile 3	40.7	34.7-47.1
Quintile 4	41.9	36.2-47.9
Quintile 5 (most deprived)	41.8	36.0-47.8

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.

**Self-Reported No or Low Perceived Life Stress, by Material and Social Deprivation Combined, PEI, 2017/18**

Level of Material and Social Deprivation	%	CI
Quintile 1 (least deprived)	35.3	28.7-42.5
Quintile 2	38.3	32.5-44.6
Quintile 3	42.9	34.6-51.6
Quintile 4	40.6	35.4-46.1
Quintile 5 (most deprived)	45.2	39.6-50.9

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.

## Perceived Stress at Work

**Definition:** Proportion of population indicating each level of work-related stress based on personal judgement. Higher scores indicate higher perceived work-related stress.

**Question:** The next question is about your main job or business in the past 12 months. Would you say that most days at work were: not at all stressful, not very stressful, a bit stressful, quite a bit stressful, extremely stressful?

### Self-Reported Stress at Work, PEI and Canada, Aged 12+

Self-Reported Stress at Work	PEI		Canada	
	%	CI	%	CI
<b>Not at All Stressful/ Not Very Stressful</b>				
2007/08	38.7	35.1-42.5	32.7	32.0-33.4
2009/10	41.0	36.6-45.4	32.2	31.4-32.9
2011/12	39.8	34.5-45.3	32.4	31.7-33.2
2013/14	39.1	35.5-42.8	31.8	31.0-32.5
2015/16	41.8	38.0-45.7	35.5	34.5-36.6
2017/18	42.1	38.0-46.3	34.5	33.6-35.4
<b>A Bit Stressful</b>				
2007/08	41.8	38.3-45.3	40.2	39.5-40.9
2009/10	41.8	38.1-45.5	40.0	39.2-40.8
2011/12	42.0	38.2-45.9	40.7	39.9-41.4
2013/14	41.7	38.0-45.4	41.8	41.0-42.6
2015/16	41.0	37.3-44.7	40.1	39.1-41.0
2017/18	38.3	35.2-41.7	40.4	39.5-41.3
<b>Quite a Bit Stressful/ Extremely Stressful</b>				
2007/08	19.5	17.3-22.0	27.1	26.6-27.7
2009/10	17.3	14.6-20.3	27.8	27.1-28.5
2011/12	18.3	15.3-21.7	26.9	26.1-27.8
2013/14	19.2	16.4-22.5	26.4	25.8-27.0
2015/16	17.2	14.7-20.1	24.4	23.7-25.1
2017/18	19.6	17.1-22.3	25.1	24.4-25.8

Data source: Statistics Canada, Canadian Community Health Survey 2007/08 to 2017/18. Age-standardized using the 2011 Canadian population.

### Self-Reported No or Low Stress at Work, by Age and Sex, PEI, Aged 12+, 2017/18

Sex	12-17 yr.		18-34 yr.		35-49 yr.		50-64 yr.		65+ yr.		Total	
	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI
Male	70.4	48.9-85.5	36.7	27.8-46.6	28.9 <sup>E</sup>	21.0-38.4	36.9	29.5-45.5	56.8	40.4-71.8	37.3	32.7-42.1
Female	60.4	40.0-77.7	40.1	31.1-49.7	29.9	22.1-39.0	34.8	27.0-43.6	49.3 <sup>E</sup>	32.3-66.5	36.5	31.8-41.3
Total	66.1	52.0-77.8	38.4	31.9-45.3	29.4	23.9-35.6	35.9	30.0-42.2	54.1	42.6-65.2		

Data source: Statistics Canada, Canadian Community Health Survey 2017/18. E, Coefficient of variation is marginal ( $15.0 < CV \leq 35.0$ ), so there is a high sampling variability associated with this estimate.

**Self-Reported No or Low Stress at Work, by Type of Population Centre, PEI, 2017/18**

Population Centre	%	CI
Rural	37.2	32.9-41.7
Small population centre (1,000 to 29,999)	33.5	24.2-44.3
Medium population centre (30,000 to 99,000)	37.6	31.9-43.7

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus.

**Self-Reported No or Low Stress at Work, by Material Deprivation, PEI, 2017/18**

Level of Material Deprivation	%	CI
Quintile 1 (least deprived)	39.9	31.8-48.5
Quintile 2	26.8	20.4-34.3
Quintile 3	38.4	30.8-46.6
Quintile 4	35.8	28.7-43.7
Quintile 5 (most deprived)	41.3	33.6-49.5

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.

**Self-Reported No or Low Stress at Work, by Social Deprivation, PEI, 2017/18**

Level of Social Deprivation	%	CI
Quintile 1 (least deprived)	34.6	26.9-43.1
Quintile 2	34.5	27.6-42.2
Quintile 3	32.3	25.0-40.5
Quintile 4	46.9	38.6-55.3
Quintile 5 (most deprived)	34.3	28.1-43.2

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.

**Self-Reported No or Low Stress at Work, by Material and Social Deprivation Combined, PEI, 2017/18**

Level of Material and Social Deprivation	%	CI
Quintile 1 (least deprived)	29.1	21.4-38.3
Quintile 2	33.7	26.1-42.2
Quintile 3	41.7	31.8-52.3
Quintile 4	36.2	29.3-43.8
Quintile 5 (most deprived)	42.3	34.7-50.3

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.

### Satisfaction with Life in General

**Definition:** Proportion of population indicating each level of overall life satisfaction based on personal judgement. Higher scores indicate higher life satisfaction.

**Question:** Using a scale of 0 to 10, where 0 means "Very dissatisfied" and 10 means "Very satisfied", how do you feel about your life as a whole right now?

#### Self-Reported Satisfaction with Life, PEI and Canada, Aged 12+

Self-Reported Life Satisfaction	PEI		Canada	
	%	CI	%	CI
<b>Very Satisfied/ Satisfied</b>				
2007/08	94.4	93.0-95.6	91.7	91.5-92.0
2009/10	94.4	93.0-95.5	92.1	91.8-92.4
2011/12	94.1	92.4-95.5	92.5	92.2-92.7
2013/14	94.3	92.9-95.3	92.1	91.8-92.4
2015/16	94.3	92.9-95.4	93.0	92.8-93.2
2017/18	93.3	91.7-94.6	93.3	93.0-93.5
<b>Neither Satisfied nor Dissatisfied</b>				
2007/08	3.0 <sup>E</sup>	2.1-4.1	5.4	5.1-5.6
2009/10	3.6	2.7-4.7	5.3	5.1-5.5
2011/12	4.4	3.3-5.9	4.9	4.7-5.2
2013/14	3.8	3.0-5.0	5.1	4.9-5.4
2015/16	4.1	3.1-5.3	4.4	4.2-2.6
2017/18	4.3	3.3-5.6	4.2	4.0-4.4
<b>Dissatisfied/ Very Dissatisfied</b>				
2007/08	2.6	1.9-3.5	2.9	2.8-3.1
2009/10	2.0 <sup>E</sup>	1.4-3.0	2.6	2.4-2.7
2011/12	1.5 <sup>E</sup>	1.0-2.3	2.6	2.4-2.8
2013/14	1.9 <sup>E</sup>	1.4-2.6	2.7	2.6-2.9
2015/16	1.6 <sup>E</sup>	1.0-2.6	2.6	2.5-2.8
2017/18	2.4	1.6-3.4	2.6	2.4-2.7

Data source: Statistics Canada, Canadian Community Health Survey 2007/08 to 2017/18. Age-standardized using the 2011 Canadian population. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.

#### Self-Reported High Life Satisfaction, by Age and Sex, PEI, 2017/18

Sex	12-17 yr.		18-34 yr.		35-49 yr.		50-64 yr.		65+ yr.		Total	
	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI
Male	97.9	87.8-99.7	95.5	89.3-98.2	94.6	88.7-97.5	91.1	85.9-94.5	94.2	90.8-96.4	94.1	91.9-95.7
Female	95.0	86.0-98.3	91.5	84.8-95.4	94.2	89.7-96.8	89.8	84.8-93.3	92.5	88.4-95.3	92.2	89.9-93.9
Total	96.4	91.1-98.6	93.5	89.5-96.0	94.4	90.9-96.6	90.5	86.9-93.1	93.3	90.8-95.2		

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18.

**Self-Reported High Life Satisfaction, by Type of Population Centre, PEI, 2017/18**

Population Centre	%	CI
Rural	93.8	92.1-95.2
Small centre (1,000 to 29,999)	91.5	86.2-94.9
Medium centre (30,000 to 99,000)	92.4	89.2-94.7

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus.

**Self-Reported High Life Satisfaction, by Material Deprivation, PEI, 2017/18**

Level of Material Deprivation	%	CI
Quintile 1 (least deprived)	94.3	90.7-96.6
Quintile 2	94.6	91.0-96.8
Quintile 3	92.4	88.0-95.2
Quintile 4	93.0	89.5-95.3
Quintile 5 (most deprived)	91.5	87.4-94.4

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.

**Self-Reported High Life Satisfaction, by Social Deprivation, PEI, 2017/18**

Level of Social Deprivation	%	CI
Quintile 1 (least deprived)	92.4	88.5-95.0
Quintile 2	96.4	94.1-97.8
Quintile 3	95.8	92.4-97.7
Quintile 4	91.6	87.3-94.5
Quintile 5 (most deprived)	89.6	85.5-92.7

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.

**Self-Reported High Life Satisfaction, by Material and Social Deprivation Combined, PEI, 2017/18**

Level of Material and Social Deprivation	%	CI
Quintile 1 (least deprived)	95.2	90.9-97.5
Quintile 2	94.2	90.9-96.3
Quintile 3	90.3	82.5-94.8
Quintile 4	95.4	92.8-97.1
Quintile 5 (most deprived)	89.0	84.5-92.3

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.

### **Mental Health Disorders - Mood and Anxiety**

Mood and anxiety disorders include disorders such as depression, bipolar disorder, and generalized anxiety disorder. These tables present the proportions of PEI and Canadian residents who received treatment each year from a physician or who were hospitalized for a mood or anxiety disorder according to the CCDSS case definition.<sup>1</sup> Data for Canada for 2017 and 2018 are unavailable currently.

#### **Annual Prevalence of Treated Mood and Anxiety Disorders, Aged 1+, PEI and Canada, 2009-2018**

Year	PEI		Canada	
	%	CI	%	CI
2009	10.6	10.4-10.8	10.2	10.2-10.2
2010	11.0	10.8-11.2	10.0	10.0-10.1
2011	11.5	11.3-11.7	10.1	10.1-10.1
2012	11.7	11.5-11.9	9.8	9.8-9.9
2013	11.8	11.6-12.0	9.9	9.9-9.9
2014	12.1	11.9-12.3	9.9	9.8-9.9
2015	12.4	12.2-12.6	10.0	10.0-10.0
2016	12.8	12.6-12.9	10.3	10.3-10.3
2017	13.0	12.8-13.2	--	--
2018	12.9	12.7-13.0	--	--

*Data source: Canadian Chronic Disease Surveillance System. Age-standardized using the 2011 Canadian population.*

#### **Annual Prevalence of Mood and Anxiety Disorders by Sex, PEI, 2009-2018**

Year	Male		Female	
	%	CI	%	CI
2009	7.8	7.6-8.0	13.3	13.0-13.5
2010	8.3	8.1-8.5	13.6	13.3-13.8
2011	8.6	8.4-8.9	14.3	14.0-14.5
2012	8.7	8.5-8.9	14.7	14.4-14.9
2013	8.7	8.5-8.9	14.9	14.6-15.1
2014	8.9	8.7-9.1	15.2	14.9-15.5
2015	9.2	9.0-9.4	15.5	15.3-15.8
2016	9.4	9.2-9.6	16.0	15.8-16.3
2017	9.6	9.4-9.8	16.3	16.0-16.6
2018	9.5	9.3-9.7	16.2	15.9-16.5

*Data source: Canadian Chronic Disease Surveillance System. Age-standardized using the 2011 Canadian population.*

<sup>1</sup> This does not include individuals who received private treatment and/or who sought treatment from counselors, psychologists, social workers or other allied health professionals only.

## Overweight and Obesity

**Definition:** Body Mass Index (BMI) is calculated from the respondent's self-reported weight and height as follows: weight in kilograms divided by height in meters squared. BMI is a common method of determining if an individual's weight is in a healthy range based on their height. Pregnant women are excluded.

International standards for interpreting the index for children aged 12-17 years old are age- and sex-specific, and the cut-offs define thinness, normal weight, overweight, and obesity.

International standards for interpreting the index for adults 18 or more years old are:

- Underweight            BMI < 18.5
- Normal weight        BMI = 18.5 to 24.9
- Overweight            BMI = 25 to 29.9
- Obese                    BMI ≥ 30

### Self-Reported BMI Category, PEI and Canada, Aged 12-17

Year	PEI		Canada	
	%	CI	%	CI
<b>Acceptable</b>				
2007/08	75.7	67.5-82.4	80.8	79.6-81.9
2009/10	78.9	70.0-85.6	80.3	79.1-81.5
2011/12	72.7	63.2-80.5	78.9	77.6-80.2
2013/14	80.6	72.1-87.0	78.3	76.9-79.6
2015/16	79.3	72.8-84.6	78.1	76.7-79.4
2017/18	80.6	72.8-86.6	78.2	76.8-78.5
<b>Overweight or Obese</b>				
2007/08	24.3 <sup>E</sup>	17.6-32.5	19.3	18.1-20.4
2009/10	21.1 <sup>E</sup>	14.4-30.0	19.7	18.5-20.9
2011/12	27.3 <sup>E</sup>	19.5-36.8	21.1	19.8-22.4
2013/14	19.4 <sup>E</sup>	13.0-27.9	21.7	20.4-23.1
2015/16	20.7	15.4-27.2	22.0	20.7-23.3
2017/18	19.4 <sup>E</sup>	14.8-25.0	21.8	20.5-23.2

*Data source: Statistics Canada, Canadian Community Health Survey 2007/08 to 2017/18. Age-standardized using the 2011 Canadian population. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.*

**Self-Reported BMI Category, PEI and Canada, Aged 18+**

Year	PEI		Canada	
	%	CI	%	CI
<b>Acceptable</b>				
2007/08	41.8	39.0-44.6	50.3	49.9-50.8
2009/10	43.7	40.3-47.1	49.4	48.9-50.0
2011/12	42.2	38.8-45.7	49.4	48.8-50.0
2013/14	38.9	35.7-42.2	47.9	47.3-48.5
2015/16	41.3	38.0-44.7	48.0	47.4-48.6
2017/18	39.3	35.8-42.8	46.9	46.3-47.5
<b>Overweight</b>				
2007/08	35.6	32.7-38.6	33.1	32.7-33.6
2009/10	35.9	32.7-39.3	33.1	32.6-33.7
2011/12	34.1	31.0-37.4	32.9	32.3-33.5
2013/14	36.4	33.2-39.8	33.3	32.8-33.9
2015/16	36.8	33.7-40.0	32.8	32.3-33.4
2017/18	36.0	32.5-39.7	33.7	33.1-34.2
<b>Obese</b>				
2007/08	22.6	20.4-25.0	16.5	16.2-16.9
2009/10	20.4	17.9-23.0	17.4	17.0-17.8
2011/12	23.7	20.7-26.9	17.6	17.2-18.1
2013/14	24.7	22.1-27.4	18.7	18.3-19.2
2015/16	21.9	19.2-24.9	19.2	18.8-19.7
2017/18	24.7	22.2-27.4	19.5	19.0-19.9

Data source: Statistics Canada, Canadian Community Health Survey 2007/08 to 2017/18. Age-standardized using the 2011 Canadian population.

**Self-Reported Overweight or Obesity, by Age and Sex, PEI, 2017/18**

Sex	12-17 yr.		18-34 yr.		35-49 yr.		50-64 yr.		65+ yr.		Total	
	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI
Male	22.6 <sup>E</sup>	14.1-34.3	56.5	46.7-65.9	75.0	65.8-82.4	70.6	63.3-77.0	72.7	65.6-78.8	65.6	61.7-69.3
Female	16.2 <sup>E</sup>	8.6-28.4	54.6	45.1-63.7	54.9	46.1-63.3	58.0	49.8-65.8	62.8	56.1-69.0	55.0	51.0-58.9
Total	19.4 <sup>E</sup>	13.5-27.2	55.6	48.7-62.3	64.7	58.3-70.6	64.3	58.8-69.5	67.4	62.6-71.9		

Data source: Statistics Canada, Canadian Community Health Survey 2017/18. Age-standardized using the 2011 Canadian population. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.

**Self-Reported Overweight or Obesity, by Type of Population Centre, PEI, 2017/18**

Population Centre	%	CI
Rural	65.4	61.9-68.7
Small centre (1,000 to 29,999)	61.8	53.6-69.4
Medium centre (30,000 to 99,000)	51.3	46.0-56.5

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus.

**Self-Reported Overweight or Obesity, by Material Deprivation, PEI, 2017/18**

Level of Material Deprivation	%	CI
Quintile 1 (least deprived)	53.5	46.4-60.5
Quintile 2	59.6	53.1-65.9
Quintile 3	58.0	51.5-64.3
Quintile 4	65.9	59.9-71.4
Quintile 5 (most deprived)	63.0	56.3-69.2

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.

**Self-Reported Overweight or Obesity, by Social Deprivation, PEI, 2017/18**

Level of Social Deprivation	%	CI
Quintile 1 (least deprived)	61.7	55.2-67.8
Quintile 2	62.3	56.0-68.2
Quintile 3	65.2	58.3-71.6
Quintile 4	56.1	49.8-62.3
Quintile 5 (most deprived)	55.0	48.8-61.0

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.

**Self-Reported Overweight or Obesity, by Material and Social Deprivation Combined, PEI, 2017/18**

Level of Material and Social Deprivation	%	CI
Quintile 1 (least deprived)	55.0	47.5-62.3
Quintile 2	61.4	54.9-67.5
Quintile 3	55.3	46.5-63.8
Quintile 4	69.3	63.6-74.4
Quintile 5 (most deprived)	59.2	53.1-65.0

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.

### Chronic Condition - Diabetes

Diabetes mellitus is a chronic condition that occurs when the body is unable to produce or properly use insulin, a hormone that controls the level of sugars in the blood. These tables present the proportions of PEI and Canadian residents who were diagnosed with diabetes mellitus according to the CCDSS case definition, which links physician billing and hospital data. Data for Canada for 2017 and 2018 are unavailable currently.

#### Prevalence of Diabetes, PEI and Canada Aged 1+, 2009-2018

Year	PEI		Canada	
	%	CI	%	CI
2009	7.1	6.9-7.2	7.3	7.3-7.3
2010	7.2	7.1-7.4	7.4	7.4-7.4
2011	7.3	7.2-7.5	7.6	7.6-7.6
2012	7.5	7.3-7.5	7.7	7.7-7.7
2013	7.5	7.4-7.6	7.8	7.8-7.8
2014	7.5	7.4-7.7	7.9	7.8-7.9
2015	7.7	7.6-7.8	7.9	7.9-8.0
2016	7.8	7.6-7.9	8.0	8.0-8.0
2017	7.9	7.7-8.0	--	--
2018	7.9	7.7-8.0	--	--

*Data source: Canadian Chronic Disease Surveillance System. Age-standardized using the 2011 Canadian population.*

#### Prevalence of Diabetes by Sex, Aged 1+, PEI, 2009-2018

Year	Male		Female	
	%	CI	%	CI
2009	8.1	7.9-8.3	6.2	6.0-6.3
2010	8.2	8.0-8.5	6.3	6.1-6.4
2011	8.4	8.2-8.6	6.4	6.2-6.6
2012	8.4	8.2-8.6	6.4	6.3-6.6
2013	8.6	8.4-8.8	6.5	6.4-6.7
2014	8.6	8.4-8.8	6.5	6.4-6.7
2015	8.8	8.6-9.0	6.6	6.5-6.8
2016	8.9	8.7-9.1	6.7	6.5-6.9
2017	9.0	8.8-9.2	6.8	6.7-7.0
2018	9.0	8.8-9.2	6.9	6.7-7.0

*Data source: Canadian Chronic Disease Surveillance System. Age-standardized using the 2011 Canadian population.*

### **Chronic Condition - Hypertension**

Blood pressure is the force of your blood on the walls of blood vessels as your heart pumps blood through your body. High blood pressure, also known as hypertension, means there is too much of this pressure in the blood vessels. These tables present the proportions of PEI and Canadian residents who were diagnosed with hypertension according to the CCDSS case definition, which links physician billing and hospital data. Data for Canada for 2017 and 2018 are unavailable currently.

#### **Prevalence of Hypertension, PEI and Canada, Aged 20+, 2009-2018**

Year	PEI		Canada	
	%	CI	%	CI
2009	25.4	25.1-25.7	24.2	24.2-24.2
2010	25.6	25.3-25.8	24.3	24.3-24.3
2011	25.5	25.3-25.8	24.3	24.3-24.3
2012	25.5	25.2-25.8	24.2	24.2-24.2
2013	25.4	25.1-25.7	24.1	24.1-24.1
2014	25.3	25.0-25.5	24.0	24.0-24.0
2015	25.0	24.8-25.3	23.9	23.8-23.9
2016	24.8	24.5-25.0	23.6	23.6-23.6
2017	24.5	24.2-24.8	--	--
2018	24.2	23.9-24.4	--	--

*Data source: Canadian Chronic Disease Surveillance System. Age-standardized using the 2011 Canadian population.*

#### **Prevalence of Hypertension by Sex, PEI, Aged 20+, 2009-2018**

Year	Male		Female	
	%	CI	%	CI
2009	24.9	24.5-25.3	25.8	25.4-26.2
2010	25.3	24.9-25.7	25.7	25.3-26.1
2011	25.4	25.0-25.8	25.5	25.2-25.9
2012	25.5	25.1-25.9	25.4	25.0-25.7
2013	25.6	25.2-26.0	25.2	24.8-25.5
2014	25.5	25.1-25.9	24.9	24.5-25.3
2015	25.5	25.1-25.9	24.6	24.2-24.9
2016	25.3	24.9-25.7	24.2	23.9-24.6
2017	25.1	24.7-25.5	23.9	23.5-24.2
2018	24.9	24.5-25.2	23.4	23.1-23.8

*Data source: Canadian Chronic Disease Surveillance System. Age-standardized using the 2011 Canadian population.*

### **Chronic Condition - Ischemic Heart Disease**

Ischemic heart disease is a condition where heart problems are caused due to narrowed or blocked arteries, which restricts the amount of blood and oxygen that reaches the heart muscle. This can lead to chest pain, shortness of breath, or a heart attack. These tables present the proportions of PEI and Canadian residents who were diagnosed with ischemic heart disease according to the CCDSS case definition, which links physician billing, hospital, and vital statistics data.<sup>2</sup> Data for Canada for 2017 and 2018 are unavailable currently.

#### **Prevalence of Ischemic Heart Disease, PEI and Canada, Aged 20+, 2009-2018**

Year	PEI		Canada	
	%	CI	%	CI
2009	7.3	7.1-7.4	8.3	8.3-8.3
2010	7.2	7.1-7.4	8.2	8.2-8.2
2011	7.1	7.0-7.3	8.2	8.1-8.2
2012	7.0	6.8-7.1	8.1	8.1-8.1
2013	6.8	6.7-7.0	8.0	8.0-8.0
2014	6.7	6.6-6.8	7.9	7.9-7.9
2015	6.5	6.4-6.6	7.8	7.8-7.8
2016	6.4	6.2-6.5	7.7	7.7-7.7
2017	6.2	6.1-6.3	--	--
2018	6.0	5.9-6.1	--	--

*Data source: Canadian Chronic Disease Surveillance System. Age-standardized using the 2011 Canadian population.*

#### **Prevalence of Ischemic Heart Disease by Sex, PEI, Aged 20+, 2009-2018**

Year	Male		Female	
	%	CI	%	CI
2009	9.4	9.1-9.6	5.4	5.2-5.6
2010	9.3	9.1-9.6	5.4	5.2-5.5
2011	9.2	9.0-9.5	5.2	5.1-5.4
2012	9.1	8.9-9.4	5.0	4.9-5.2
2013	9.0	8.7-9.2	5.0	4.8-5.1
2014	8.8	8.6-9.0	4.8	4.6-5.0
2015	8.6	8.3-8.8	4.7	4.5-4.8
2016	8.4	8.2-8.6	4.5	4.4-4.7
2017	8.2	8.0-8.4	4.4	4.2-4.5
2018	8.0	7.8-8.2	4.2	4.1-4.4

*Data source: Canadian Chronic Disease Surveillance System. Age-standardized using the 2011 Canadian population.*

<sup>2</sup> The CCDSS case definition differs between PEI and Canada, as PEI's case definition includes vital statistics data, whereas the Canadian case definition does not, because this data source is not available in all provinces and territories. Therefore, the PEI rate may be higher, because it includes individuals who have died with heart disease who had never previously been diagnosed by a physician.

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Chronic Condition - Chronic Obstructive Pulmonary Disease (COPD)

Chronic Obstructive Pulmonary Disease (COPD) is a disease of the lungs that includes chronic bronchitis and emphysema. COPD develops over time, is commonly seen in older adults, and is often caused by smoking. These tables present the proportions of PEI and Canadian residents who were diagnosed with COPD according to the CCDSS case definition, which links physician billing and hospital data. Data for Canada for 2017 and 2018 are unavailable currently.

**Prevalence of COPD, PEI and Canada, Aged 35+, 2009-2018**

Year	PEI		Canada	
	%	CI	%	CI
2009	7.7	7.5-7.9	9.1	9.1-9.2
2010	8.1	7.9-8.3	9.3	9.3-9.3
2011	8.4	8.2-8.6	9.4	9.4-9.5
2012	8.8	8.6-9.0	9.5	9.5-9.5
2013	9.0	8.8-9.2	9.5	9.5-9.6
2014	9.4	9.2-9.6	9.6	9.6-9.6
2015	9.7	9.5-9.9	9.6	9.6-9.7
2016	9.9	9.7-10.0	9.7	9.6-9.7
2017	9.9	9.7-10.1	--	--
2018	9.9	9.7-10.1	--	--

*Data source: Canadian Chronic Disease Surveillance System. Age-standardized using the 2011 Canadian population.*

**Prevalence of COPD by Sex, PEI, Aged 35+, 2009-2018**

Year	Male		Female	
	%	CI	%	CI
2009	8.3	8.0-8.6	7.3	7.1-7.5
2010	8.6	8.3-8.9	7.7	7.5-8.0
2011	8.9	8.6-9.2	8.1	7.9-8.4
2012	9.3	9.0-9.6	8.4	8.2-8.7
2013	9.5	9.2-9.8	8.7	8.5-9.0
2014	9.9	9.6-10.2	9.1	8.9-9.4
2015	10.1	9.9-10.4	9.4	9.2-9.7
2016	10.2	9.9-10.5	9.6	9.4-9.9
2017	10.2	10.0-10.5	9.7	9.5-10.0
2018	10.2	9.9-10.5	9.7	9.4-10.0

*Data source: Canadian Chronic Disease Surveillance System. Age-standardized using the 2011 Canadian population.*

**Cancer**

**Definition:** Cancer incidence in the number of new cases of cancer diagnosed each year. It is expressed as a rate per 100,000 persons.

**Crude Incidence Rates per 100,000 Persons for Lung, Colorectal, Prostate, and Breast Cancers by Sex, PEI, Aged 20+, 2000-2018**

	Lung		Colorectal		Prostate	Female Breast
	Male	Female	Male	Female	Male	Female
2000	113.5	66.3	88.0	73.8	202.1	142.3
2001	106.6	63.9	86.0	67.5	215.2	138.4
2002	106.4	62.2	83.7	68.9	219.5	138.9
2003	100.8	62.1	83.1	71.3	220.7	136.4
2004	96.1	65.1	84.6	69.5	216.4	135.8
2005	96.5	69.5	86.2	62.4	217.6	134.2
2006	98.7	67.9	84.7	62.3	206.6	129.4
2007	102.0	66.9	83.1	61.2	208.6	122.5
2008	104.5	65.3	82.4	56.3	209.4	129.8
2009	105.4	61.4	86.2	55.8	205.9	131.6
2010	106.7	58.5	82.4	59.4	192.5	136.3
2011	99.2	59.0	83.4	59.4	177.3	137.5
2012	93.1	62.5	86.7	58.0	153.3	138.3
2013	86.8	66.2	87.1	61.0	140.0	133.8
2014	83.7	71.1	85.3	57.5	120.2	132.9
2015	80.7	74.4	83.9	55.2	113.2	128.5
2016	80.8	73.8	76.3	53.2	111.0	125.9
2017	80.6	67.6	71.9	52.5	114.9	126.2
2018	80.2	62.3	66.1	47.3	115.4	121.1

*Data source: PEI Cancer Registry. Age-standardized using the 2011 Canadian population.*

For comparability with Canada, rates are based on Statistics Canada Table 13-10-0747-01 (new cases and age-standardized rate for primary cancer) for the most recent full Canadian data.

**Lung, Colorectal, Prostate, and Breast Cancer Incidence Rates per 100,000 Persons, PEI and Canada, 2008-2018**

Year	PEI		Canada	
	rate	CI	rate	CI
<b>Lung</b>				
2008	82.3	67.6-97.1	68.0	66.9-69.0
2009	96.0	80.2-111.7	68.1	67.1-69.2
2010	82.6	68.2-97.0	69.2	68.2-70.2
2011	72.4	59.1-85.6	67.5	66.4-68.5
2012	78.3	64.7-92.0	69.0	68.0-70.0
2013	67.5	55.1-79.9	66.9	65.9-67.9
2014	89.8	75.6-104.0	67.9	66.9-68.8
2015	78.1	65.0-91.2	65.6	64.6-66.5
2016	78.1	65.1-91.1	63.7	62.8-64.6

Year	PEI		Canada	
	rate	CI	rate	CI
2017	80.2	67.2-93.2	63.9	63.0-64.8
2018	65.7	54.2-77.3	61.2	60.3-62.1
<b>Colorectal</b>				
2008	72.3	58.5-86.1	65.8	64.8-66.9
2009	74.2	60.3-88.1	64.3	63.3-65.3
2010	61.9	49.4-74.5	64.1	63.2-65.1
2011	76.1	62.4-89.7	63.9	62.9-64.9
2012	69.8	56.9-82.6	62.9	61.9-63.8
2013	78.6	64.9-92.3	62.2	61.3-63.1
2014	77.5	64.3-90.8	61.8	60.9-62.7
2015	70.2	57.6-82.8	60.8	59.9-61.7
2016	64.5	52.6-76.4	57.0	56.2-57.9
2017	60.3	48.8-71.8	54.8	54.0-55.7
2018	53.2	42.5-63.9	53.3	52.5-54.1
<b>Prostate</b>				
2008	191.6	157.2-226.1	164.5	162.1-166.9
2009	217.9	182.3-253.4	159.5	157.1-161.8
2010	178.3	146.9-209.8	157.2	154.9-159.5
2011	221.8	187.2-256.4	161.1	158.8-163.3
2012	183.2	151.8-214.5	139.3	137.3-141.4
2013	116.7	92.2-141.3	123.3	121.4-125.3
2014	96.7	75.0-118.4	117.6	115.7-119.4
2015	111.1	88.3-133.9	115.8	114.0-117.6
2016	117.0	93.4-140.5	120.9	119.0-122.7
2017	146.6	120.9-172.2	123.3	121.5-125.1
2018	100.3	79.8-120.9	124.4	122.6-126.2
<b>Female Breast</b>				
2008	136.6	110.2-163.0	123.9	122.0-125.8
2009	112.4	88.8-136.0	126.9	125.0-128.9
2010	152.4	125.4-179.3	131.1	129.1-133.1
2011	120.8	96.9-144.6	131.5	129.6-133.5
2012	134.5	109.7-159.3	126.9	125.1-128.8
2013	140.2	114.9-165.5	126.6	124.8-128.5
2014	117.8	95.0-140.7	127.8	125.9-129.7
2015	129.4	105.5-153.3	127.3	125.5-129.2
2016	111.1	89.0-133.2	128.6	126.7-130.4
2017	111.8	89.7-133.9	126.8	125.0-128.6
2018	125.5	101.9-149.0	129.2	127.4-131.1

Data source: Statistics Canada, Canadian Cancer Registry, Table 13-10-0747-01. Age-standardized using the 2011 Canadian population.

**Communicable Diseases - Enteric, Food and Waterborne Diseases**

Definition: Disease incidence in the number of new cases diagnosed. Here, it is presented by year and expressed as a rate per 100,000 persons.

**Number of Cases of Enteric, Food and Waterborne Diseases and Rate per 100,000 Persons, PEI, 2011-2020**

	2011		2012		2013		2014		2015		2016		2017		2018		2019		2020	
	n	Rate																		
Amoebiasis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.7	0	0.0	0	0.0	0	0.0	0	0.0
Botulism	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Campylobacteriosis	37	25.7	52	35.8	42	28.9	41	28.1	38	25.9	27	18.2	25	16.4	38	24.8	35	22.3	46	28.8
Cholera	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Cryptosporidiosis	1	0.7	6	4.1	7	4.8	5	3.4	11	7.5	11	7.4	14	9.2	15	9.8	13	8.3	10	6.3
Cyclosporiasis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Giardiasis	16	11.1	14	9.6	7	4.8	10	6.9	7	4.8	18	12.1	6	3.9	7	4.6	3	1.9	5	3.1
Hepatitis A	1	0.7	2	1.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	1.3
Listeriosis	0	0.0	0	0.0	1	0.7	1	0.7	1	0.7	2	1.3	1	0.7	1	0.7	0	0.0	1	0.6
Norovirus <sup>A</sup>	29	20.1	90	62.0	88	60.6	66	45.2	68	46.3	39	26.1	45	29.6	58	37.8	58	37.0	14	8.8
Paralytic shellfish Poisoning	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Salmonellosis	23	16.0	29	20.0	20	13.8	32	21.9	22	15.0	30	20.2	27	17.8	34	22.2	16	10.2	11	6.9
Shigellosis	0	0.0	2	1.4	1	0.7	3	2.1	0	0.0	1	0.7	0	0.0	1	0.7	1	0.6	0	0.0
Typhoid	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Verotoxic <i>Escherichia coli</i>	16	11.1	12	8.3	5	3.4	8	5.5	3	2.0	7	4.7	7	4.6	2	1.3	6	3.8	1	0.6
<i>Vibrio parahaemolyticus</i>			3	2.1	1	0.7	0	0.0	1	0.7	1	0.7	1	0.7	0	0.0	0	0.0	4	2.5
Yersinosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

Data source: PEI Department of Health and Wellness, Chief Public Health Office, Communicable Disease database. A, Outbreaks of norovirus – 2 in 2011, 12 in 2012, 6 in 2013, 10 in 2014, 12 in 2015, 13 in 2016, 6 in 2017, 10 in 2018, 5 in 2019.

### Communicable Diseases - Diseases Transmitted by Respiratory Routes

Definition: Disease incidence in the number of new cases diagnosed. Here, it is presented by year and expressed as a rate per 100,000 persons.

#### Number of Cases of Diseases Transmitted by Respiratory Routes and Rate per 100,000 Persons, PEI, 2011-2020

	2011		2012		2013		2014		2015		2016		2017		2018		2019		2020	
	n	Rate	n	Rate	n	Rate	n	Rate	n	Rate	n	Rate								
Hantavirus	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Invasive Group A Streptococcal Disease	8	5.6	4	2.8	2	1.4	5	3.4	0	0.0	3	2.0	11	7.2	4	2.6	7	4.5	10	6.3
Invasive Meningococcal Disease	0	0.0	1	0.7	0	0.0	0	0.0	1	0.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Invasive Pneumococcal Disease	10	6.9	27	18.6	15	10.3	16	11.0	21	14.3	12	8.1	19	12.5	21	13.7	11	7.0	10	6.3
Influenza <sup>A</sup>	109	75.7	78	53.7	100	68.9	134	91.6	200	136.6	73	49.1	237	155.9	309	201.6	264	168.2	210	131.6
Legionellosis	0	0.0	0	0.0	0	0.0	1	0.7	0	0.0	1	0.7	1	0.7	0	0.0	3	1.9	1	0.6
Leprosy	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	3	2.1	1	0.7	0	0.0	3	2.1	3	2.0	4	2.7	0	0.0	1	0.7	4	2.5	3	1.9

*Data source: PEI Department of Health and Wellness, Chief Public Health Office, Communicable Disease database. A, Influenza is reported here based on calendar year, but data is collected based on flu season, which begins in August.*

**Communicable Diseases - Diseases Spread by Direct Contact or through the Provision of Health Care**

Definition: Disease incidence in the number of new cases diagnosed. Here, it is presented by year and expressed as a rate per 100,000 persons.

**Number of Cases of Diseases Spread by Direct Contact or through the Provision of Health Care and Rate per 100,000 Persons, PEI, 2011-2020**

	2011		2012		2013		2014		2015		2016		2017		2018		2019		2020	
	n	Rate	n	Rate	n	Rate	n	Rate	n	Rate	n	Rate	n	Rate	n	Rate	n	Rate	n	Rate
<i>Clostridium difficile</i>			82	56.9	109	75.1	134	92.3	137	93.9	98	66.8	97	65.3	141	92.8	102	65.0	38	23.8
Creutzfeld Jacob Disease, Classic			0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.6
Creutzfeld Jacob Disease, Variant			0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Group B Streptococcal Disease of the Newborn			0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.6	0	0.0
Herpes (Neonatal)			0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.6	0	0.0
Methicillin-resistant Staphylococcus aureus			205	142.3	132	91.0	126	86.8	121	83.0	116	79.1	110	74.0	128	84.2	122	77.7	36	22.6

*Data source: PEI Department of Health and Wellness, Chief Public Health Office, Communicable Disease database.*

### Communicable Diseases - Diseases Preventable by Routine Vaccination

Definition: Disease incidence in the number of new cases diagnosed. Here, it is presented by year and expressed as a rate per 100,000 persons.

#### Number of Cases of Diseases Preventable by Routine Vaccination and Rate per 100,000 Persons,, PEI 2011-2020

	2011		2012		2013		2014		2015		2016		2017		2018		2019		2020	
	n	Rate	n	Rate	n	Rate	n	Rate	n	Rate										
Congenital Rubella Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Diphtheria	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Invasive <i>Haemophilus influenzae</i> , Non B (non vaccine preventable)	2	1.4	0	0.0	2	1.4	1	0.7	2	1.4	4	2.7	1	0.7	2	1.3	1	0.6	1	0.6
Invasive <i>Haemophilus influenzae</i> , Serotype B	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Measles	0	0.0	0	0.0	2	1.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Mumps	1	0.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.7	0	0.0	0	0.0
Pertussis	0	0.0	1	0.7	2	1.4	67	45.8	18	12.3	3	2.0	46 <sup>A</sup>	30.3	1	0.7	2	1.3	2	1.3
Poliomyelitis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rotavirus	130	90.3	13	9.0	15	10.3	7	4.8	8	5.5	12	8.1	7	4.6	28	18.3	15	9.6	2	1.3
Rubella	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tetanus	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Varicella (Chicken Pox)	0	0.0	0	0.0	1	0.7	0	0.0	0	0.0	3	2.0	6	3.9	2	1.3	2	1.3	1	0.6

Data source: PEI Department of Health and Wellness, Chief Public Health Office, Communicable Disease database. A, Pertussis: 34 lab-confirmed, 12 epi-linked in 2017.

### **Communicable Diseases – Blood-borne Pathogens and Sexually Transmitted Infections**

Definition: Disease incidence in the number of new cases diagnosed. Here, it is presented by year and expressed as a rate per 100,000 persons.

#### **Number of Cases of Blood-borne Pathogens and Sexually Transmitted Infections and Rate per 100,000 Persons, PEI, 2011-2020**

	2011		2012		2013		2014		2015		2016		2017		2018		2019		2020	
	n	Rate																		
Chlamydia	220	152.7	257	177.0	242	166.6	254	173.6	227	155.0	289	194.4	329	216.4	415	270.8	404	257.4	332	208.0
Gonorrhea	11	7.6	8	5.5	6	4.1	7	4.8	10	6.8	12	8.1	18	11.8	13	8.5	18	11.5	14	8.8
Hepatitis B	8	5.6	15	10.3	12	8.3	16	10.9	5	3.4	14	9.4	27	17.8	25	16.3	25	15.3	17	10.6
Hepatitis C	53	36.8	59	40.8	57	39.6	71	49.2	39	27.0	31	21.1	37	24.6	44	28.7	53	33.7	32	19.8
HIV	1	0.7	2	1.4	3	2.1	1	0.7	0	0.0	3	2.0	1	0.7	7	4.6	9	5.7	4	2.5
Lymphogranuloma Venereum (LGV)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Syphilis (Infectious)	1	0.7	5	3.4	6	4.1	9	6.2	9	6.1	4	2.7	4	2.6	4	2.6	2	1.3	1	0.6

*Data source: PEI Department of Health and Wellness, Chief Public Health Office, Communicable Disease database.*

#### **New Hepatitis C Cases, by Sex, PEI, 2011-2020**

<b>Sex</b>	<b>n</b>	<b>%</b>
Male	303	63.7
Female	173	36.3

*Data source: PEI Department of Health and Wellness, Chief Public Health Office, Communicable Disease database.*

**New Hepatitis C Cases, by Age, PEI, 2011-2020**

<b>Age Group</b>	<b>n</b>	<b>%</b>
<18 yr.	3	0.6
18-34 yr.	287	60.3
35-49 yr.	97	20.4
50-64 yr.	67	14.1
65+ yr.	17	3.6
Unknown	5	1.1

*Data source: PEI Department of Health and Wellness, Chief Public Health Office, Communicable Disease database.*

**New Blood-borne and Sexually Transmitted Infections Cases, by Sex, PEI, 2020**

<b>Sex</b>	<b>n</b>	<b>%</b>
Male	164	41.0
Female	235	58.8
Unknown	1	0.3

*Data source: PEI Department of Health and Wellness, Chief Public Health Office, Communicable Disease database. The infections in this table include chlamydia, gonorrhoea, HIV, hepatitis B, hepatitis C, and infectious syphilis.*

**New Blood-borne and Sexually Transmitted Infections Cases, by Age, PEI, 2020**

<b>Age Group</b>	<b>n</b>	<b>%</b>
<18 yr.	15	3.8
18-34 yr.	320	80.0
35-49 yr.	47	11.8
50-64 yr.	15	3.8
65+ yr.	3	0.8

*Data source: PEI Department of Health and Wellness, Chief Public Health Office, Communicable Disease database. The infections in this table include chlamydia, gonorrhoea, HIV, hepatitis B, hepatitis C, and infectious syphilis.*

**Communicable Diseases – Vector-borne and Other Zoonotic Diseases**

Definition: Disease incidence in the number of new cases diagnosed. Here, it is presented by year and expressed as a rate per 100,000 persons.

**Number of Cases of Vector-borne and Other Zoonotic Diseases and Rate per 100,000 Persons, PEI, 2011-2020**

	2011		2012		2013		2014		2015		2016		2017		2018		2019		2020	
	n	Rate																		
Anthrax	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Brucellosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Malaria	2	1.4	0	0.0	1	0.7	0	0.0	0	0.0	0	0.0	0	0.0	2	1.3	0	0.0	0	0.0
Plague	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rabies	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tularemia	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
West Nile Virus	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.7	0	0.0	1	0.7	0	0.0	0	0.0
Yellow Fever	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Lyme Disease <sup>A,B</sup>	1	0.7	2	1.4	0	0.0	0	0.0	4	2.7	2	1.3	3	2.0	1	0.7	6	3.8	1	0.6

*Data source: PEI Department of Health and Wellness, Chief Public Health Office, Communicable Disease database. A, Lab-confirmed cases—1 in 2011, 2 in 2012, 2 in 2015, 1 in 2016, 2 in 2017, 2 in 2019, 1 in 2020. B, Probable cases—2 in 2015, 1 in 2016, 1 in 2017, 1 in 2018, 4 in 2019.*

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## **COVID-19 Infections**

**Definition:** Disease incidence in the number of new cases diagnosed. Here, it is expressed as a monthly count.

### **COVID-19 Infections, PEI, 2020- August 2021**

<b>Year</b>	<b>Number of Cases</b>	
	<b>n</b>	<b>%</b>
March 2020	13	
April 2020	14	
May 2020	0	
June 2020	0	
July 2020	9	
August 2020	8	
September 2020	16	
October 2020	4	
November 2020	4	
December 2020	24	
January 2021	18	
February 2021	28	
March 2021	18	
April 2021	21	
May 2021	25	
June 2021	2	
July 2021	0	
August 2021	25	

*Data source: PEI Department of Health and Wellness, Chief Public Health Office, Communicable Disease database.*

### **COVID-19 Cases, by Sex, PEI, 2020- August 2021**

<b>Sex</b>	<b>n</b>	<b>%</b>
Male	145	62.2
Female	88	37.8

*Data source: PEI Department of Health and Wellness, Chief Public Health Office, Communicable Disease database.*

### **COVID-19 Cases, by Age, PEI, 2020- August 2021**

<b>Age Group</b>	<b>n</b>	<b>%</b>
<18 yr.	17	7.3
18-34 yr.	125	53.7
35-49 yr.	38	16.3
50-64 yr.	36	15.5
65+ yr.	17	7.3

*Data source: PEI Department of Health and Wellness, Chief Public Health Office, Communicable Disease database.*

**Injuries**

**Definition:** Proportion of population that indicated having an injury in the past 12 months and the proportion of injuries in each category.

**Self-Reported Injury, PEI and Canada, Aged 12+**

Year	PEI		Canada	
	%	CI	%	CI
2007/08	--	--	--	--
2009/10	11.5	9.6-13.8	15.0	14.7-15.4
2011/12	--	--	--	--
2013/14	16.2	14.3-18.3	15.9	15.6-16.3
2015/16	15.0	13.1-17.3	--	--
2017/18	12.4	10.7-14.4	14.4	14.1-14.8

*Data source: Statistics Canada, Canadian Community Health Survey 2007/08 to 2017/18. Age-standardized using the 2011 Canadian population.*

**Self-Reported Causes of Injury, PEI, Aged 12+, 2017/18**

Cause of Injury	%	CI
Fall (excluding transport)	38.5	31.6-46.0
Accidentally struck or crushed by an object	5.7 <sup>E</sup>	3.2-9.9
Accidental contact with a sharp object, tool, machine	6.6 <sup>E</sup>	3.7-11.5
Overexertion or strenuous movement	27.0	20.7-34.5
Other	11.8 <sup>E</sup>	8.0-17.1

*Data source: Statistics Canada, Canadian Community Health Survey 2017/18. Age-standardized using the 2011 Canadian population. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.*

**Any Self-Reported Injuries, by Age and Sex, PEI, 2017/18**

Sex	12-17 yr.		18-34 yr.		35-49 yr.		50-64 yr.		65+ yr.		Total	
	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI
Male	29.4 <sup>E</sup>	20.8-39.7	12.3 <sup>E</sup>	7.8-19.0	6.5 <sup>E</sup>	3.5-11.8	11.2 <sup>E</sup>	7.3-16.6	6.8 <sup>E</sup>	4.2-11.0	11.0	8.8-13.6
Female	18.3 <sup>E</sup>	11.1-28.7	12.9 <sup>E</sup>	8.2-19.6	14.4 <sup>E</sup>	9.4-21.4	10.4 <sup>E</sup>	6.9-15.2	8.9 <sup>E</sup>	5.9-13.1	12.1	9.9-14.6
Total	24.0	18.1-31.1	12.6 <sup>E</sup>	9.2-17.1	10.6 <sup>E</sup>	7.5-14.8	10.8	8.1-14.2	7.9 <sup>E</sup>	5.8-10.8		

*Data source: Statistics Canada, Canadian Community Health Survey 2017/18. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.*

**Self-Reported Injuries, by Type of Population Centre, PEI, 2017/18**

Population Centre	%	CI
Rural	11.7	9.7-14.1
Small population centre (1,000 to 29,999)	7.6 <sup>E</sup>	4.8-11.9
Medium population centre (30,000 to 99,000)	12.7	9.8-16.4

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.

**Self-Reported Injuries, by Material Deprivation, PEI, 2017/18**

Level of Material Deprivation	%	CI
Quintile 1 (least deprived)	11.7 <sup>E</sup>	8.3-16.2
Quintile 2	11.0 <sup>E</sup>	7.7-15.5
Quintile 3	9.3 <sup>E</sup>	6.6-13.0
Quintile 4	13.7 <sup>E</sup>	10.0-18.5
Quintile 5 (most deprived)	13.3 <sup>E</sup>	9.7-17.8

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.

**Self-Reported Injuries, by Social Deprivation, PEI, 2017/18**

Level of Social Deprivation	%	CI
Quintile 1 (least deprived)	12.8 <sup>E</sup>	9.4-17.3
Quintile 2	11.6 <sup>E</sup>	8.5-15.5
Quintile 3	10.4 <sup>E</sup>	7.1-15.1
Quintile 4	11.5 <sup>E</sup>	8.1-16.1
Quintile 5 (most deprived)	12.3 <sup>E</sup>	8.9-16.8

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.

**Self-Reported Injuries, by Material and Social Deprivation Combined, PEI, 2017/18**

Level of Material and Social Deprivation	%	CI
Quintile 1 (least deprived)	11.4 <sup>E</sup>	7.8-16.4
Quintile 2	10.4 <sup>E</sup>	7.3-14.6
Quintile 3	10.7 <sup>E</sup>	6.9-16.3
Quintile 4	12.8	9.5-17.0
Quintile 5 (most deprived)	12.8	9.4-17.2

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.

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## Health Determinants

### Median Income

Definition: Median total annual income for all types of economic families, which includes persons living alone.

#### Median Annual Family Income (in 2018 Dollars), PEI and Canada, 2002-2018

Year	PEI	Canada
	\$	\$
2002	49,700	59,300
2003	51,400	59,300
2004	53,500	60,000
2005	53,300	60,800
2006	55,200	62,400
2007	57,800	63,500
2008	59,700	64,300
2009	59,000	63,200
2010	58,500	62,900
2011	56,600	62,800
2012	59,100	64,700
2013	60,700	65,200
2014	61,300	67,200
2015	62,000	66,800
2016	60,500	66,400
2017	61,900	68,700
2018	64,400	69,600

*Data source: Statistics Canada, Table 11-10-0191-01 (formerly CANSIM 206-0021).*

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**Low Income**

Definition: Proportion of population who are considered to be low income after tax. This indicator includes all family types, even persons living alone. Individuals are defined as having low income if their adjusted after-tax income falls below 50% of the median adjusted after-tax income for the total population. Adjusted after-tax income is derived based on the census family income, and this value is assigned to all persons in the census family.

**Low Income after Tax, PEI and Canada, 2002-2018**

Year	PEI	Canada
	%	%
2002	14.9	17.4
2003	14.9	17.7
2004	15.3	17.8
2005	15.8	17.7
2006	15.5	17.5
2007	15.9	17.6
2008	16.6	17.7
2009	15.7	17.8
2010	15.7	17.7
2011	16.0	17.7
2012	16.3	17.5
2013	16.6	17.6
2014	17.0	17.7
2015	16.9	17.3
2016	16.2	16.8
2017	16.3	16.6
2018	16.9	16.5

*Data source: Statistics Canada, Table 11-10-0018-01 (formerly CANSIM 111-0046).*

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**Labour Force Participation**

Definition: Proportion of people aged 15 and over who are currently employed and people who are unemployed but were available to work and have looked for work.

**Labour Force Participation, PEI and Canada, 2002-2020**

Year	PEI	Canada
	%	%
2002	67.6	66.9
2003	67.8	67.6
2004	67.9	67.5
2005	68.1	67.1
2006	68.2	66.9
2007	67.7	67.2
2008	68.1	67.4
2009	67.4	66.9
2010	67.2	66.7
2011	68.1	66.6
2012	68.6	66.4
2013	69.6	66.3
2014	68.5	65.9
2015	67.5	65.8
2016	65.7	65.6
2017	65.8	65.6
2018	66.7	65.3
2019	66.6	65.6
2020	64.7	64.1

*Data source: Statistics Canada, Table 14-10-0327-01.*

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## **Employment**

**Definition:** Proportion of persons employed expressed as a percentage of the population 15 years of age and over. This includes people aged 15 and over who, during the reference week, worked for pay or profit, or performed unpaid family work or had a job but were not at work due to own illness or disability, personal or family responsibilities, labour dispute, vacation, or other reason. Those persons on layoff and persons without work but who had a job to start at a definite date in the future are not considered employed.

### **Proportion of Labour Force Aged 15+ Who are Employed, PEI and Canada, 2002-2020**

<b>Year</b>	<b>PEI</b>	<b>Canada</b>
	<b>%</b>	<b>%</b>
2002	59.6	61.7
2003	60.4	62.4
2004	60.3	62.6
2005	60.8	62.6
2006	60.6	62.7
2007	60.7	63.2
2008	60.7	63.2
2009	59.3	61.3
2010	59.5	61.3
2011	60.4	61.5
2012	60.8	61.5
2013	61.5	61.6
2014	61.2	61.3
2015	60.3	61.2
2016	58.6	61.0
2017	59.3	61.4
2018	60.4	61.4
2019	60.8	61.9
2020	57.9	58.0

*Data source: Statistics Canada, Table 14-10-0327-01.*

**Unemployment**

Definition: Proportion of persons in the labour force who were available for work and have looked for work but were unemployed.

**Proportion of Labour Force Aged 15+ Who are Unemployed, PEI and Canada, 2002-2020**

Year	PEI	Canada
	%	%
2002	11.9	7.7
2003	10.9	7.6
2004	11.2	7.2
2005	10.9	6.8
2006	11.1	6.3
2007	10.4	6.1
2008	10.8	6.2
2009	11.9	8.4
2010	11.5	8.1
2011	11.2	7.6
2012	11.4	7.3
2013	11.7	7.1
2014	10.7	6.9
2015	10.5	6.9
2016	10.9	7.1
2017	9.9	6.4
2018	9.4	5.9
2019	8.8	5.7
2020	10.4	9.5

*Data source: Statistics Canada, Table 14-10-0327-01.*

## Education

**Definition:** Individuals reporting highest level of education obtained. Mutually exclusive categories used are:

- **Less than high school:** no schooling, elementary, or some secondary school; no high school graduation
- **High school:** high school graduation certificate
- **Post-secondary:** post-secondary diploma, certificate, or degree.

### Self-Reported Education Level, PEI and Canada, Age 12+

Year	PEI		Canada	
	%	CI	%	CI
<b>Less than High School</b>				
2007/08	30.4	28.4-32.5	24.8	24.5-25.1
2009/10	27.4	25.4-29.5	23.3	23.0-23.6
2011/12	26.1	24.0-28.3	22.3	21.9-22.6
2013/14	23.5	21.5-25.6	21.9	21.6-22.2
2015/16	21.2	19.5-23.0	20.9	20.5-21.2
2017/18	23.6	21.7-25.6	19.7	19.4-20.0
<b>High School</b>				
2007/08	22.1	20.1-24.2	23.5	23.1-23.9
2009/10	19.5	17.4-21.8	23.3	22.9-23.8
2011/12	20.4	17.8-23.2	22.6	22.2-23.1
2013/14	25.6	23.1-28.2	24.2	23.7-24.6
2015/16	24.0	21.5-26.7	21.3	20.9-21.7
2017/18	20.0	18.1-22.2	22.9	22.5-23.3
<b>Post-secondary</b>				
2007/08	47.5	45.0-50.0	51.7	51.3-52.2
2009/10	53.1	50.4-55.7	53.4	52.9-53.8
2011/12	53.6	50.3-56.7	55.1	54.6-55.6
2013/14	50.9	48.0-53.8	53.9	53.5-54.4
2015/16	54.8	52.2-57.4	57.8	57.4-58.3
2017/18	56.4	54.0-58.7	57.4	57.0-57.8

*Data source: Statistics Canada, Canadian Community Health Survey 2007/08 to 2017/18. Age-standardized using the 2011 Canadian population.*

**Self-Reported Education Level, by Age and Sex, PEI, 2017/18**

Sex	12-17 yr.		18-34 yr.		35-49 yr.		50-64 yr.		65+ yr.		Total	
	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI
<b>Less than High School</b>												
Male	96.4	89.3-98.9	--	--	--	--	27.8	20.4-36.6	29.9	23.3-37.4	25.1	22.3-28.2
Female	98.7	92.0-99.8	--	--	--	--	16.5 <sup>E</sup>	11.1-23.8	26.6	21.5-32.5	19.2	17.0-21.6
Total	97.5	93.6-99.1	--	--	--	--	22.0	17.3-27.5	28.2	24.1-32.6		
<b>High School</b>												
Male	--	--	43.6	34.9-52.7	10.2	6.1-16.5	23.1	17.3-21.5	15.4 <sup>E</sup>	10.8-21.5	22.0	19.1-25.3
Female	--	--	27.8	20.4-36.6	13.5 <sup>E</sup>	9.0-19.8	18.6	13.6-24.8	21.8	17.1-27.4	18.9	16.3-21.8
Total	--	--	35.7	30.0-41.9	11.9	8.8-15.9	20.8	16.7-25.5	18.8	15.4-22.8		
<b>Post-Secondary</b>												
Male	--	--	50.2	41.4-59.0	78.0	68.6-85.1	49.2	41.2-57.3	54.7	46.5-62.6	52.9	49.1-56.7
Female	--	--	68.1	58.7-76.2	81.9	74.8-87.4	65.0	57.3-72.0	51.6	45.3-57.8	61.9	58.5-65.2
Total	--	--	59.1	52.7-65.2	80.0	74.7-84.4	57.3	51.8-62.5	53.0	48.0-58.0		

Data source: Statistics Canada, Canadian Community Health Survey 2017/18. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.

**Self-Reported Education Level, by Type of Population Centre, PEI, 2017/18**

Population Centre	Less than High School		High School		Post-Secondary	
	%	CI	%	CI	%	CI
Rural	26.2	23.5-29.3	21.9	19.2-24.9	51.8	48.4-55.3
Small population centre (1,000 to 29,999)	21.0	15.9-27.2	22.7	16.9-29.7	56.3	48.8-63.6
Medium population centre (30,000 to 99,000)	15.4	12.5-18.8	17.1	13.9-21.0	67.5	62.9-71.7

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus.

**Self-Reported Education Level, by Material Deprivation, PEI, 2017/18**

Level of Material Deprivation	Less than High School		High School		Post-Secondary	
	%	CI	%	CI	%	CI
Quintile 1 (least deprived)	14.7	11.2-19.0	18.4	13.9-23.9	67.0	60.8-72.6
Quintile 2	19.7	15.8-24.4	19.4	15.0-24.9	60.8	55.0-66.4
Quintile 3	19.1	15.1-23.8	20.7	15.9-26.7	60.2	53.9-66.1
Quintile 4	28.2	23.2-33.8	23.3	18.4-29.2	48.5	42.4-54.6
Quintile 5 (most deprived)	29.7	24.3-35.8	20.1	15.5-25.7	50.2	44.0-56.4

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.

**Self-Reported Education Level, by Social Deprivation, PEI, 2017/18**

Level of Social Deprivation	Less than High School		High School		Post-Secondary	
	%	CI	%	CI	%	CI
Quintile 1 (least deprived)	25.0	20.1-30.7	22.1	17.1-28.0	52.9	46.6-59.1
Quintile 2	22.5	18.1-27.6	25.3	20.3-31.0	52.3	46.1-58.4
Quintile 3	23.5	18.8-28.8	16.5	12.5-21.5	60.1	53.8-66.0
Quintile 4	18.6	14.5-23.5	21.8	17.2-27.2	59.6	53.4-65.6
Quintile 5 (most deprived)	21.6	16.9-27.3	16.8	12.8-21.7	61.6	54.8-67.9

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.

**Self-Reported Education Level, by Material and Social Deprivation Combined, PEI, 2017/18**

Level of Material and Social Deprivation	Less than High School		High School		Post-Secondary	
	%	CI	%	CI	%	CI
Quintile 1 (least deprived)	18.3	13.9-23.8	24.4	18.3-31.8	57.2	49.6-64.5
Quintile 2	19.6	15.6-24.3	17.2	13.3-22.0	63.2	57.4-68.7
Quintile 3	16.9 <sup>E</sup>	11.6-24.0	24.1 <sup>E</sup>	17.0-32.9	59.0	49.2-68.2
Quintile 4	30.6	25.6-36.0	23.4	18.9-28.5	46.1	40.5-51.8
Quintile 5 (most deprived)	24.5	20.0-29.6	19.7	15.6-24.6	55.8	50.0-61.5

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.

## Sense of Belonging

**Definition:** Proportion of population indicating each rating for sense of belonging to the local community based on personal judgement. Higher ratings indicate stronger sense of belonging.

**Question:** How would you describe your sense of belonging to your local community? Would you say it is: very strong, somewhat strong, somewhat weak, or very weak?

### Self-Reported Sense of Belonging to Local Community, PEI and Canada, Aged 12+

Self-Reported Sense of Belonging	PEI		Canada	
	%	CI	%	CI
<b>Very or Somewhat Strong</b>				
2007/08	73.4	71.0-75.7	65.5	65.0-66.0
2009/10	74.1	71.3-76.6	65.9	65.4-66.4
2011/12	74.5	71.3-77.4	66.1	65.6-66.6
2013/14	73.7	70.7-76.6	66.8	66.3-67.3
2015/16	75.7	73.2-78.0	69.0	68.5-69.5
2017/18	73.9	71.3-76.3	69.4	68.9-69.8
<b>Very or Somewhat Weak</b>				
2007/08	26.6	24.3-29.0	34.5	34.0-35.0
2009/10	25.9	23.4-28.7	34.1	33.6-34.6
2011/12	25.5	22.6-28.7	33.9	33.4-34.4
2013/14	26.3	23.4-29.3	33.2	32.7-33.7
2015/16	24.3	22.0-26.9	31.0	30.5-31.5
2017/18	26.1	23.7-28.7	30.6	30.2-31.1

Data source: Statistics Canada, Canadian Community Health Survey 2007/08 to 2017/18. Age-standardized using the 2011 Canadian population.

### Self-Reported Very or Somewhat Strong Sense of Belonging to Local Community, by Age and Sex, PEI, 2017/18

Sex	12-17 yr.		18-34 yr.		35-49 yr.		50-64 yr.		65+ yr.		Total	
	%	CI	%	CI								
Male	82.9	72.6-89.9	69.0	59.1-77.4	71.5	62.0-79.4	79.7	72.8-85.1	82.8	75.9-88.0	76.2	72.5-79.5
Female	90.1	81.1-95.1	56.4	47.7-64.8	72.6	64.2-79.7	71.9	64.6-78.3	85.7	80.8-89.4	72.8	69.4-76.0
<b>Total</b>	<b>86.5</b>	<b>79.8-91.2</b>	<b>62.6</b>	<b>56.5-68.4</b>	<b>72.1</b>	<b>66.0-77.5</b>	<b>75.7</b>	<b>70.7-80.1</b>	<b>84.4</b>	<b>80.3-87.7</b>		

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18.

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**Self-Reported Very or Somewhat Strong Sense of Belonging to Local Community, by Type of Population Centre, PEI, 2017/18**

Population Centre	%	CI
Rural	77.0	73.7-79.9
Small population centre (1,000 to 29,999)	78.9	71.9-84.5
Medium population centre (30,000 to 99,000)	68.6	63.8-72.9

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus.*

**Self-Reported Very or Somewhat Strong Sense of Belonging to Local Community, by Material Deprivation, PEI, 2017/18**

Level of Material Deprivation	%	CI
Quintile 1 (least deprived)	71.3	65.1-76.8
Quintile 2	74.5	68.1-80.0
Quintile 3	72.1	66.0-77.5
Quintile 4	74.9	69.1-79.9
Quintile 5 (most deprived)	76.4	70.5-81.4

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.*

**Self-Reported Very or Somewhat Strong Sense of Belonging to Local Community, by Social Deprivation, PEI, 2017/18**

Level of Social Deprivation	%	CI
Quintile 1 (least deprived)	76.4	70.0-81.8
Quintile 2	76.3	70.1-81.5
Quintile 3	77.6	71.6-82.7
Quintile 4	77.3	71.5-82.3
Quintile 5 (most deprived)	62.0	56.1-67.5

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.*

**Self-Reported Very or Somewhat Strong Sense of Belonging to Local Community, by Material and Social Deprivation Combined, PEI, 2017/18**

Level of Material and Social Deprivation	%	CI
Quintile 1 (least deprived)	76.2	68.3-82.6
Quintile 2	75.2	69.3-80.3
Quintile 3	66.5	57.3-74.5
Quintile 4	78.6	73.3-83.1
Quintile 5 (most deprived)	74.9	69.5-79.6

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.*

**Social Support**

**Definition:** Average social support score, based on the Social Provisions Scale. A higher score reflects a higher level of perceived social support.

**Average Level of Self-Reported Social Support, PEI and Canada, Aged 12+**

Domain Year	PEI		Canada	
	Average	CI	Average	CI
<b>Guidance</b>				
2015/16	7.4	7.3-7.4	7.1	7.1-7.1
2017/18	7.3	7.2-7.3	7.1	7.1-7.2
<b>Social Integration</b>				
2015/16	7.1	7.0-7.1	6.9	6.8-6.9
2017/18	7.0	7.0-7.1	6.8	6.8-6.8
<b>Attachment</b>				
2015/16	7.3	7.3-7.4	7.1	7.0-7.1
2017/18	7.2	7.2-7.3	6.3	6.3-6.3
<b>Reassurance of Worth</b>				
2015/16	7.0	7.0-7.1	6.8	6.8-6.8
2017/18	6.9	6.9-7.0	6.8	6.8-6.8
<b>Reliable Alliance</b>				
2015/16	7.4	7.4-7.5	7.2	7.2-7.2
2017/18	7.4	7.3-7.4	6.3	6.3-6.3
<b>Overall Social Support</b>				
2015/16	36.3	36.1-36.5	35.1	35.0-35.2
2017/18	35.9	35.7-36.1	35.1	35.0-35.2

Data source: Statistics Canada, Canadian Community Health Survey 2007/08 to 2017/18. Age-standardized using the 2011 Canadian population.

**Average Level of Overall Self-Reported Social Support, by Age and Sex, PEI, 2017/18**

Sex	12-17 yr.		18-34 yr.		35-49 yr.		50-64 yr.		65+ yr.		Total	
	Avg.	CI	Avg.	CI	Avg.	CI	Avg.	CI	Avg.	CI	Avg.	CI
Male	35.8	34.8-36.8	36.2	35.4-36.9	36.2	35.5-37.0	35.2	34.6-35.9	34.3	33.7-35.0	35.6	35.2-35.9
Female	35.9	34.8-37.0	37.1	36.4-37.7	36.5	35.8-37.2	36.0	35.3-36.7	34.9	34.4-35.5	36.1	35.8-36.5
<b>Total</b>	35.9	35.1-36.6	36.6	36.1-37.1	36.4	35.8-36.9	35.6	35.1-36.1	34.7	34.2-35.1		

Data source: Statistics Canada, Canadian Community Health Survey 2017/18.

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**Average Level of Overall Self-Reported Social Support, by Type of Population Centre, PEI, 2017/18**

Population Centre	Average	CI
Rural	35.8	35.5-36.1
Small population centre (1,000 to 29,999)	35.3	34.6-35.9
Medium population centre (30,000 to 99,000)	36.2	35.8-36.6

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus.*

**Average Level of Overall Self-Reported Social Support, by Material Deprivation, PEI, 2017/18**

Level of Material Deprivation	Average	CI
Quintile 1 (least deprived)	36.2	35.7-36.7
Quintile 2	35.9	35.4-36.5
Quintile 3	36.0	35.4-36.6
Quintile 4	35.8	35.3-36.3
Quintile 5 (most deprived)	35.3	34.7-35.9

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.*

**Average Level of Overall Self-Reported Social Support, by Social Deprivation, PEI, 2017/18**

Level of Social Deprivation	Average	CI
Quintile 1 (least deprived)	35.7	35.1-36.2
Quintile 2	36.1	35.5-36.7
Quintile 3	36.0	35.5-36.5
Quintile 4	35.6	35.0-36.1
Quintile 5 (most deprived)	36.0	35.4-36.6

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.*

**Average Level of Overall Self-Reported Social Support, by Material and Social Deprivation Combined, PEI, 2017/18**

Level of Material and Social Deprivation	Average	CI
Quintile 1 (least deprived)	35.8	35.2-36.4
Quintile 2	36.2	35.7-36.8
Quintile 3	35.3	34.4-36.2
Quintile 4	35.7	35.2-36.3
Quintile 5 (most deprived)	35.5	35.0-36.0

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.*

## Food Security

**Definition:** Proportion of the population indicating each level of food security in the past 12 months based on the Health Canada model of food security status. This indicator combines adults and children. This indicator captures three types of situations:

- Food secure: No, or one, indication of difficulty with income-related food access.
- Moderately food insecure: indication of compromise in quality and/or quantity of food consumed (2 to 5 affirmative responses).
- Severely food insecure: indication of reduced food intake and disrupted eating patterns ( $\geq 6$  affirmative responses)

### Self-Reported Food Security Status, PEI and Canada, Aged 12+

Year	PEI		Canada	
	%	CI	%	CI
<b>Food Secure</b>				
2011/12	89.2	86.9-91.1	92.1	91.8-92.4
2013/14	89.2	87.3-91.0	92.1	91.8-92.5
2015/16	90.2	88.5-91.7	92.0	91.6-92.3
2017/18	89.4	87.5-91.0	91.2	90.9-91.5
<b>Moderately Food Insecure</b>				
2011/12	8.2	6.5-10.3	5.8	5.5-6.0
2013/14	7.3	5.9-9.0	5.4	5.1-5.7
2015/16	6.9	5.6-8.4	5.2	5.0-5.5
2017/18	8.0	6.6-9.7	6.1	5.8-6.4
<b>Severely Food Insecure</b>				
2011/12	2.6 <sup>E</sup>	1.8-3.8	2.1	2.0-2.3
2013/14	3.5 <sup>E</sup>	2.5-4.9	2.4	2.3-2.7
2015/16	2.9	2.2-3.9	2.8	2.6-3.0
2017/18	2.6 <sup>E</sup>	1.8-3.7	2.7	2.5-2.9

*Data source: Statistics Canada, Canadian Community Health Survey 2007/08 to 2017/18. Age-standardized using the 2011 Canadian population. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.*

### Self-Reported Food-Secure Status by Age and Sex, PEI, 2017/18

Sex	12-17 yr.		18-34 yr.		35-49 yr.		50-64 yr.		65+ yr.		Total	
	Avg.	CI	Avg.	CI								
Male	81.7	70.7-89.2	88.0	80.8-92.8	92.2	85.9-95.9	91.9	86.8-95.1	97.1	93.7-98.7	91.3	88.9-93.2
Female	89.2	79.2-94.7	84.7	77.8-89.7	85.4	78.3-90.5	88.9	83.3-92.7	96.6	94.1-98.1	88.9	86.3-91.1
<b>Total</b>	<b>85.3</b>	<b>78.4-90.3</b>	<b>86.3</b>	<b>81.6-90.0</b>	<b>88.8</b>	<b>84.2-92.2</b>	<b>90.3</b>	<b>86.8-93.0</b>	<b>96.8</b>	<b>95.0-98.0</b>		

*Data source: Statistics Canada, Canadian Community Health Survey 2017/18.*

**Self-Reported Food-Secure Status, by Type of Population Centre, PEI, 2017/18**

Population Centre	%	CI
Rural	90.9	88.6-92.8
Small population centre (1,000 to 29,999)	90.6	85.3-94.1
Medium population centre (30,000 to 99,000)	88.5	84.8-91.3

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus.*

**Self-Reported Food-Secure Status, by Material Deprivation, PEI, 2017/18**

Level of Material Deprivation	%	CI
Quintile 1 (least deprived)	92.9	88.3-95.8
Quintile 2	91.7	87.7-94.5
Quintile 3	87.8	83.2-91.3
Quintile 4	89.1	84.7-92.3
Quintile 5 (most deprived)	89.7	85.2-93.0

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.*

**Self-Reported Food-Secure Status, by Social Deprivation, PEI, 2017/18**

Level of Social Deprivation	%	CI
Quintile 1 (least deprived)	87.3	82.1-91.1
Quintile 2	95.7	93.2-97.3
Quintile 3	91.3	86.9-94.2
Quintile 4	91.0	86.4-94.2
Quintile 5 (most deprived)	85.9	81.3-89.4

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.*

**Self-Reported Food-Secure Status, by Material and Social Deprivation Combined, PEI, 2017/18**

Level of Material and Social Deprivation	%	CI
Quintile 1 (least deprived)	92.2	87.0-95.4
Quintile 2	91.8	87.7-94.6
Quintile 3	85.1	77.5-90.4
Quintile 4	90.6	86.7-93.5
Quintile 5 (most deprived)	87.9	83.5-91.2

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.*

### **Fruit and Vegetable Consumption**

Definition: Proportion of the population that, on average, consumed fruits and vegetables five or more times per day in the last month. This indicator measures the number of times (frequency), not the amount consumed.

#### **Self-Reported Consumption of Fruits and Vegetables 5 or More Times per Day, PEI and Canada, Aged 12+**

Year	PEI		Canada	
	%	CI	%	CI
2007/08	37.3	35.0-39.7	44.1	43.6-44.6
2009/10	37.4	34.3-40.5	44.4	43.8-44.9
2011/12	32.2	29.1-35.3	40.5	40.0-41.1
2013/14	31.3	28.5-34.1	40.5	39.9-41.0
2015/16	28.5	25.9-31.2	30.8	30.3-31.3
2017/18	--	--	24.1	21.6-26.8

*Data source: Statistics Canada, Canadian Community Health Survey 2007/08 to 2017/18. Age-standardized using the 2011 Canadian population.*

#### **Self-Reported Consumption of Fruits and Vegetables 5 or More Times per Day, by Age and Sex, PEI, 2015/16**

Sex	12-17 yr.		18-34 yr.		35-49 yr.		50-64 yr.		65+ yr.		Total	
	Avg.	CI	Avg.	CI								
Male	20.4 <sup>E</sup>	13.7-29.3	26.3 <sup>E</sup>	18.2-36.5	22.8 <sup>E</sup>	15.2-32.8	23.1 <sup>E</sup>	16.5-31.2	19.3 <sup>E</sup>	13.7-26.4	22.9	19.4-26.8
Female	34.4 <sup>E</sup>	24.3-46.1	32.3	25.2-40.3	34.0	25.4-43.8	35.9	29.7-42.5	29.8	24.3-36.0	33.3	29.8-36.9
<b>Total</b>	27.4	21.4-34.4	29.4	23.9-35.5	28.6	22.6-35.4	29.7	25.0-34.9	25.0	20.9-29.6		

*Data source: Statistics Canada, Canadian Community Health Survey 2017/18. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.*

## **Physical Activity**

**Definition:** Population aged 12 and over reporting level of physical activity, based on their responses to questions about the type of activity, frequency and duration of their participation in leisure-time physical activity. Intensity of each activity was assigned a value for the metabolic energy demand. Categories of physical activity used are:

- Active: average 3.0 or more kcal/kg/day of energy expenditure. This amount of exercise is required for cardiovascular health benefit.
- Moderate: average 1.5 - 2.9 kcal/kg/day of energy expenditure. This amount of exercise may produce some health benefits, but little cardiovascular benefit.
- Inactive: average below 1.5 kcal/kg/day of energy expenditure.

### **Self-Reported Physical Activity Level, PEI and Canada, Aged 12+, 2007-2014**

Year	PEI		Canada	
	%	CI	%	CI
<b>Inactive</b>				
2007/08	51.2	48.4-53.9	47.8	47.2-48.4
2009/10	46.5	43.5-49.6	46.1	45.6-46.6
2011/12	47.8	44.2-51.4	44.5	44.0-45.1
2013/14	48.4	45.4-51.4	44.1	43.5-44.6
<b>Moderate</b>				
2007/08	22.1	19.9-24.5	23.8	23.4-24.2
2009/10	26.8	24.1-29.8	24.2	23.8-24.6
2011/12	21.2	18.8-23.9	24.8	24.3-25.3
2013/14	22.0	19.7-24.5	24.4	23.9-24.8
<b>Active</b>				
2007/08	24.0	21.9-26.2	25.5	25.1-26.0
2009/10	23.7	21.2-26.5	27.4	27.0-27.9
2011/12	29.1	26.2-32.2	28.5	28.0-29.1
2013/14	26.7	24.2-29.3	29.4	28.9-30.0

*Data source: Statistics Canada, Canadian Community Health Survey 2007/08 to 2013/14. Age-standardized using the 2011 Canadian population.*

**Definition:** Proportion of population that meets physical activity levels according to the Canadian Physical Activity Guidelines (CPAG). Physically active is defined by the CPAG as having at least 150 minutes of moderate- to vigorous-intensity aerobic physical activity per week, in bouts of 10 minutes or more.

### Self-Reported Physical Activity Level, PEI and Canada, Aged 12+, 2015-2018

Year	PEI		Canada	
	%	CI	%	CI
<b>Meets CPAG</b>				
2015/16	51.0	48.1-53.8	54.6	54.1-55.1
2017/18	48.3	45.7-50.9	53.4	52.8-53.9
<b>Does not meet CPAG</b>				
2015/16	49.0	46.2-51.9	45.4	44.9-45.9
2017/18	51.7	49.1-54.3	46.6	46.1-47.2

Data source: Statistics Canada, Canadian Community Health Survey 2015/16 to 2013/14. Age-standardized using the 2011 Canadian population. CPAG, Canadian Physical Activity Guidelines.

### Self-Reported Meets Physical Activity Guidelines, by Age and Sex, PEI, 2017/18

Sex	12-17 yr.		18-34 yr.		35-49 yr.		50-64 yr.		65+ yr.		Total	
	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI
Male	19.8 <sup>E</sup>	12.2-30.5	72.5	63.6-79.9	56.1	46.6-65.2	48.8	41.3-56.4	37.4	30.4-44.9	51.9	47.9-55.8
Female	11.9 <sup>E</sup>	6.0-22.2	56.4	47.6-64.8	61.9	53.2-69.9	48.5	41.3-55.7	23.9	19.3-29.2	45.5	42.1-48.9
<b>Total</b>	16.0 <sup>E</sup>	10.9-22.7	64.6	58.3-70.5	59.1	52.9-64.9	48.6	43.4-53.9	30.2	25.9-34.8		

Data source: Statistics Canada, Canadian Community Health Survey 2017/18. E, Coefficient of variation is marginal ( $15.0 < CV \leq 35.0$ ), so there is a high sampling variability associated with this estimate.

### Self-Reported Meets Physical Activity Guidelines, by Type of Population Centre, PEI, 2017/18

Population Centre	%	CI
Rural	47.4	43.8-51.0
Small population centre (1,000 to 29,999)	46.4	39.1-53.9
Medium population centre (30,000 to 99,000)	51.5	46.6-56.4

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus.

### Self-Reported Meets Physical Activity Guidelines, by Material Deprivation, PEI, 2017/18

Level of Material Deprivation	%	CI
Quintile 1 (least deprived)	51.3	44.7-57.9
Quintile 2	51.0	44.5-57.5
Quintile 3	48.6	42.5-54.7
Quintile 4	50.6	44.4-56.7
Quintile 5 (most deprived)	41.9	35.7-48.4

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.

### Self-Reported Meets Physical Activity Guidelines, by Social Deprivation, PEI, 2017/18

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<b>Level of Social Deprivation</b>	<b>%</b>	<b>CI</b>
Quintile 1 (least deprived)	48.9	42.5-55.3
Quintile 2	51.3	44.7-57.8
Quintile 3	53.2	46.7-59.6
Quintile 4	45.0	38.9-51.2
Quintile 5 (most deprived)	45.5	39.9-51.3

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.*

### **Self-Reported Meets Physical Activity Guidelines, by Material and Social Deprivation Combined, PEI, 2017/18**

<b>Level of Material and Social Deprivation</b>	<b>%</b>	<b>CI</b>
Quintile 1 (least deprived)	58.7	51.8-65.2
Quintile 2	50.3	44.0-56.6
Quintile 3	47.7	38.9-56.6
Quintile 4	47.4	41.3-53.7
Quintile 5 (most deprived)	45.4	39.7-51.2

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.*

**Heavy Drinking**

**Definition:** Proportion of population reporting heavy drinking (drank five or more drinks for males / four or more on one occasion) and number of times that this occurred. A drink was defined to respondents as: one bottle or can of beer or glass of draft, one glass of wine or a wine cooler, one cocktail with 1 ½ ounces of liquor.

**Question:** How often in the past 12 months have you had [5 (male) / 4 (female)] or more drinks on one occasion?

**Self-Reported Drinking 5+ Drinks per Occasion in Past 12 Months, PEI and Canada, Aged 12+**

Year	PEI		Canada	
	%	CI	%	CI
<b>Did Not Drink in Past 12 Months</b>				
2007/08	51.7	48.9-54.4	55.9	55.4-56.4
2009/10	46.3	42.4-50.3	54.0	53.5-54.6
2011/12	46.0	42.0-50.0	52.7	52.1-53.3
2013/14	41.5	38.7-44.3	47.9	47.3-48.5
2015/16	43.8	40.3-47.4	47.8	47.2-48.4
2017/18	45.0	42.2-47.8	46.9	46.3-47.4
<b>&lt; 12 Times</b>				
2007/08	26.3	23.9-28.8	23.8	23.4-24.3
2009/10	29.0	25.3-32.9	25.1	24.5-25.6
2011/12	29.8	25.7-34.2	25.4	24.8-25.9
2013/14	34.5	26.5-43.4	29.1	28.6-29.7
2015/16	31.9	28.4-35.6	28.8	28.2-29.4
2017/18	33.0	30.1-35.9	29.2	28.7-29.8
<b>≥ 12 Times (Heavy Drinking)</b>				
2007/08	22.1	19.8-24.5	20.3	19.9-20.7
2009/10	24.7	21.8-27.9	20.9	20.5-21.4
2011/12	24.2	21.5-27.2	22.0	21.5-22.4
2013/14	24.1	21.2-27.3	23.0	22.4-23.5
2015/16	24.3	21.5-27.4	23.4	23.0-23.9
2017/18	23.8	20.2-24.1	23.9	23.4-24.4

*Data source: Statistics Canada, Canadian Community Health Survey 2007/08 to 2017/18. Age-standardized using the 2011 Canadian population.*

**Self-Reported Heavy Drinking, by Age and Sex, PEI, 2017/18**

Sex	12-17 yr.		18-34 yr.		35-49 yr.		50-64 yr.		65+ yr.		Total	
	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI
Male	--	--	47.7	37.8-57.7	27.7	19.1-38.5	30.5	22.7-39.7	22.7 <sup>E</sup>	16.3-30.7	32.7	28.3-37.5
Female	--	--	22.7 <sup>E</sup>	15.7-31.5	15.0 <sup>E</sup>	9.3-23.4	13.3 <sup>E</sup>	8.1-21.1	5.3 <sup>E</sup>	2.8-9.7	14.9	11.9-18.5
<b>Total</b>	17.3 <sup>E</sup>	8.3-32.3	35.2	28.8-42.1	21.5	16.2-27.8	21.8	17.0-27.5	14.0	10.5-18.2		

Data source: Statistics Canada, Canadian Community Health Survey 2017/18. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.

**Self-Reported Heavy Drinking, by Type of Population Centre, PEI, 2017/18**

Population Centre	%	CI
Rural	25.2	21.4-29.5
Small population centre (1,000 to 29,999)	16.9 <sup>E</sup>	10.6-26.0
Medium population centre (30,000 to 99,000)	23.9	19.3-29.0

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.

**Self-Reported Heavy Drinking, by Material Deprivation, PEI, 2017/18**

Level of Material Deprivation	%	CI
Quintile 1 (least deprived)	22.7	16.8-29.9
Quintile 2	21.9	16.2-28.9
Quintile 3	22.8	17.1-29.7
Quintile 4	26.2	20.2-33.3
Quintile 5 (most deprived)	26.8	20.6-34.2

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.

**Self-Reported Heavy Drinking, by Social Deprivation, PEI, 2017/18**

Level of Social Deprivation	%	CI
Quintile 1 (least deprived)	27.3	20.7-35.0
Quintile 2	28.1	21.5-35.8
Quintile 3	20.5	15.0-27.3
Quintile 4	22.3	16.6-29.3
Quintile 5 (most deprived)	22.0	16.4-28.8

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.

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**Self-Reported Heavy Drinking, by Material and Social Deprivation Combined, PEI, 2017/18**

<b>Level of Material and Social Deprivation</b>	<b>%</b>	<b>CI</b>
Quintile 1 (least deprived)	23.1 <sup>E</sup>	16.2-31.8
Quintile 2	23.5	17.8-30.5
Quintile 3	22.9 <sup>E</sup>	15.4-32.7
Quintile 4	28.2	22.1-35.4
Quintile 5 (most deprived)	22.7	17.2-29.3

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.*

## Smoking

**Definition:** Proportion of population that currently smokes daily. Current non-smokers and respondents who smoked less than 100 cigarettes in their lifetime were excluded from the population. A series of questions on frequency and amount smoked is used to determine smoking status categories.

### Self-Reported Daily Smoking, PEI and Canada, Aged 12+

Year	PEI		Canada	
	%	CI	%	CI
2007/08	16.8	15.0-18.6	16.4	16.1-16.8
2009/10	16.5	14.3-18.9	15.0	14.7-15.3
2011/12	18.5	15.8-21.6	14.6	14.2-15.0
2013/14	17.1	14.7-19.8	13.3	12.9-13.7
2015/16	11.0	9.3-13.0	11.9	11.6-12.2
2017/18	13.4	11.7-15.4	10.9	10.6-11.2

Data source: Statistics Canada, Canadian Community Health Survey 2007/08 to 2017/18. Age-standardized using the 2011 Canadian population.

### Self-Reported Daily Smoking, by Age and Sex, PEI, 2017/18

Sex	12-17 yr.		18-34 yr.		35-49 yr.		50-64 yr.		65+ yr.		Total	
	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI
Male	--	--	19.5 <sup>E</sup>	13.3-27.8	21.6 <sup>E</sup>	14.9-30.4	20.1	14.7-26.7	15.9 <sup>E</sup>	11.1-22.3	18.0	15.2-21.3
Female	--	--	7.4 <sup>E</sup>	4.1-12.9	12.3 <sup>E</sup>	8.0-18.5	14.6 <sup>E</sup>	10.2-20.3	6.2 <sup>E</sup>	3.8-9.8	9.6	7.6-12.1
<b>Total</b>	--	--	13.5	9.9-18.1	16.8	12.6-22.1	17.2	13.7-21.5	10.7	8.1-14.0		

Data source: Statistics Canada, Canadian Community Health Survey 2017/18. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.

### Self-Reported Daily Smoking, by Type of Population Centre, PEI, 2017/18

Population Centre	%	CI
Rural	17.0	14.4-20.0
Small population centre (1,000 to 29,999)	11.0 <sup>E</sup>	7.1-16.6
Medium population centre (30,000 to 99,000)	9.2	6.9-12.2

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.

**Self-Reported Daily Smoking, by Material Deprivation, PEI, 2017/18**

Level of Material Deprivation	%	CI
Quintile 1 (least deprived)	8.1 <sup>E</sup>	5.3-12.1
Quintile 2	12.6 <sup>E</sup>	8.9-17.6
Quintile 3	12.9 <sup>E</sup>	9.3-17.6
Quintile 4	19.2	14.7-24.8
Quintile 5 (most deprived)	16.3	12.0-21.7

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.*

**Self-Reported Daily Smoking, by Social Deprivation, PEI, 2017/18**

Level of Social Deprivation	%	CI
Quintile 1 (least deprived)	17.5	13.3-22.7
Quintile 2	13.5 <sup>E</sup>	9.5-18.7
Quintile 3	13.0 <sup>E</sup>	9.0-18.5
Quintile 4	13.0 <sup>E</sup>	9.5-17.7
Quintile 5 (most deprived)	12.4 <sup>E</sup>	9.0-16.8

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.*

**Self-Reported Daily Smoking, by Material and Social Deprivation Combined, PEI, 2017/18**

Level of Material and Social Deprivation	%	CI
Quintile 1 (least deprived)	11.3 <sup>E</sup>	7.1-17.4
Quintile 2	14.1 <sup>E</sup>	10.3-19.1
Quintile 3	6.4 <sup>E</sup>	3.3-12.1
Quintile 4	17.1	13.1-22.1
Quintile 5 (most deprived)	16.8	13.0-21.5

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.*

## **Cannabis Use**

### **Self-Reported Non-Medical Cannabis Use, PEI and Canada, Aged 16+, 2018-2020**

Year	PEI	Canada
	%	%
2018	26	22
2019	25	25
2020	28	27

*Data source: Canadian Cannabis Survey.*

**Definition:** Proportion of PEI Cannabis Survey respondents who reported belonging to each cannabis-use category:

- Current users: used cannabis within the previous 12 months.
- Former users: used cannabis in the past, but not within the last 12 months.
- Non-users: never used cannabis.

### **Self-Reported Non-Medical Cannabis Use, PEI, Aged 16+, 2018-2019**

Year	PEI
	%
<b>Current Users</b>	
2018	27.2
2019	41.6
<b>Former Users</b>	
2018	35.6
2019	25.6
<b>Non-users</b>	
2018	37.2
2019	32.8

*Data source: PEI Cannabis Survey.*

### **Self-Reported Non-Medical Cannabis Use, by Age, PEI, Aged 16+, 2019**

Age Group (Years)	Current Users	Former Users	Non-Users
	%	%	%
16-24	62.2	9.2	28.6
25-34	55.6	20.2	23.2
35-44	40.9	28.7	30.5
45-54	25.1	32.5	42.4
55-64	28.6	36.1	35.3
65+	21.1	30.1	48.9

*Data source: PEI Cannabis Survey.*

**Self-Reported Non-Medical Cannabis Use, by Sex, PEI, Aged 16+, 2019**

Age Group (Years)	Current Users	Former Users	Non-Users
	%	%	%
Male	52.9	23.5	23.5
Female	35.3	26.8	37.9

*Data source: PEI Cannabis Survey.*

**Self-Reported Non-Medical Cannabis Use, by Employment Status, PEI, Aged 16+, 2019**

Age Group (Years)	Current Users	Former Users	Non-Users
	%	%	%
Employed	42.6	25.3	32.1
Unemployed	52.8	20.4	26.9
Retired	27.4	28.1	44.5
Other	36.4	36.4	27.3

*Data source: PEI Cannabis Survey.*

**Self-Reported Non-Medical Cannabis Use, by Household Income, PEI, Aged 16+, 2019**

Age Group (Years)	Current Users	Former Users	Non-Users
	%	%	%
<\$25,000	52.5	21.3	26.3
\$25,000 – <\$75,000	45.3	27.1	27.7
\$75,000 – <\$125,000	41.4	28.1	30.5
≥\$125,000	35.9	25.5	38.6

*Data source: PEI Cannabis Survey.*

### Opioid-Related Overdoses and Deaths

#### **Number and Rate (per 100,000 Persons) of Accidental Apparent Opioid Toxicity Deaths, PEI and Canada, 2016-March 2021**

Year	PEI		Canada	
	n	Rate	n	Rate
2016	5	3.4	2,466	6.8
2017	5	3.3	3,550	9.7
2018	8	5.2	4,090	11.0
2019	5	3.2	3,388	9.0
2020	8	5.0	6,030	15.9
2021	1	2.5	1,717	18.8

*Data source: Public Health Agency of Canada Infobase.*

**Definition:** Count of accidental/ unintentional (i.e., not a result of intentional self-inflicted harm) overdoses and deaths where an opioid was identified in toxicology reports.

#### **Opioid-Related Accidental Overdoses and Deaths, PEI, 2016- September 2021**

Year	Overdoses	Deaths
	n	n
2016	--	5
2017	10	5
2018	24	8
2019	5	5
2020	19	8
2021	18	1 <sup>A</sup>

*Data source: PEI Department of Health and Wellness, Chief Public Health Office. A, Includes counts from January to March 2021 only, as counts for the rest of the year are not yet available.*

### **Changes Made to Improve Health**

**Definition:** Proportion of population indicating they did something to improve their health, and the proportion reporting a most important change to improve health in each category.

**Question:** In the past 12 months, did you do anything to improve your health? (For example, lost weight, quit smoking, increased exercise.) What is the single most important change you have made?

#### **Self-Reported Single Most Important Change Made to Improve Health in the Past Year, PEI and Canada, Aged 12+**

Year	PEI		Canada	
	%	CI	%	CI
<b>Any Change</b>				
2007/08	57.2	54.6-59.8	57.8	57.3-58.3
2009/10	60.1	57.2-62.9	60.4	59.2-61.5
2011/12	64.0	60.6-67.3	62.5	61.7-63.3
2013/14	58.0	55.3-60.7	61.1	59.9-62.2
2015/16	53.0	49.8-56.2	55.8	54.7-56.9
2017/18	54.5	51.7-57.3	60.3	59.1-61.6
<b>Increased Exercise</b>				
2007/08	52.9	49.2-56.6	51.9	51.3-52.5
2009/10	54.8	50.7-58.8	55.6	54.2-57.0
2011/12	51.6	46.5-56.6	53.1	52.1-54.1
2013/14	49.1	45.1-53.2	53.6	52.2-55.0
2015/16	56.2	52.4-59.9	52.1	50.6-53.7
2017/18	55.8	51.7-59.8	60.2	58.8-61.6
<b>Lost Weight</b>				
2007/08	16.1	13.7-18.7	10.3	10.0-10.7
2009/10	14.5	11.9-17.5	10.1	9.3-11.1
2011/12	11.0	8.5-14.1	9.9	9.3-10.5
2013/14	9.2	7.3-11.4	8.7	8.0-9.5
2015/16	10.4	8.5-12.6	8.9	8.1-9.7
2017/18	10.8	8.6-13.5	7.7	7.0-8.5
<b>Improved Eating Habits</b>				
2007/08	14.4	12.1-17.0	16.6	16.1-17.0
2009/10	13.6	11.1-16.5	14.9	13.9-15.9
2011/12	17.8	14.8-21.4	17.2	16.4-17.9
2013/14	22.9	19.7-26.4	17.9	16.9-19.0
2015/16	21.9	18.8-25.2	20.3	18.9-21.7
2017/18	17.7	14.9-21.0	19.0	17.8-20.2
<b>Reduced/ Quit Smoking</b>				
2007/08	5.5 <sup>E</sup>	4.1-7.5	5.3	5.0-5.6
2009/10	5.1 <sup>E</sup>	3.6-7.3	4.9	4.4-5.5

Year	PEI		Canada	
	%	CI	%	CI
2011/12	6.7 <sup>E</sup>	4.9-9.2	5.0	4.6-5.5
2013/14	7.4 <sup>E</sup>	5.3-10.1	4.5	4.0-5.0
2015/16	5.8 <sup>E</sup>	4.1-8.0	4.6	4.0-5.2
2017/18	4.9 <sup>E</sup>	3.4-7.0	3.7	3.2-4.4
<b>Received Medical Treatment</b>				
2007/08	5.4	4.0-7.3	7.2	6.9-7.5
2009/10	8.0	6.2-10.3	6.5	5.8-7.1
2011/12	7.3	5.5-9.8	5.7	5.3-6.1
2013/14	6.2	4.7-8.2	6.8	6.2-7.5
2015/16	2.6 <sup>E</sup>	1.7-3.9	6.6	5.8-7.4
2017/18	4.5 <sup>E</sup>	3.2-6.2	3.6	3.1-4.2
<b>Other<sup>^</sup></b>				
2007/08	5.7 <sup>E</sup>	4.1-7.7	8.8	8.4-9.1
2009/10	4.1 <sup>E</sup>	2.8-5.9	8.0	7.3-8.8
2011/12	5.5 <sup>E</sup>	4.0-7.7	9.0	8.5-9.6
2013/14	5.3	3.9-7.0	8.5	7.8-9.2
2015/16	3.3 <sup>E</sup>	2.3-4.8	7.6	6.7-8.6
2017/18	6.3 <sup>E</sup>	4.6-8.5	5.8	5.2-6.5

<sup>^</sup>Other includes: drank less alcohol, reduced stress level, took vitamins, other

Data source: Statistics Canada, Canadian Community Health Survey 2017/18. Age-standardized using the 2011 Canadian population. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.

### Self-Reported Any Change Made to Improve Health in the Past Year, by Age and Sex, PEI, 2017/18

Sex	12-17 yr.		18-34 yr.		35-49 yr.		50-64 yr.		65+ yr.		Total	
	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI
Male	55.1	42.1-67.5	61.7	52.6-70.1	44.9	35.9-54.2	44.0	36.6-51.7	47.7	40.1-55.5	50.0	45.9-54.0
Female	41.4	30.8-53.0	60.6	51.7-68.8	71.2	62.9-78.4	66.3	58.9-72.9	42.7	37.0-48.6	59.3	55.5-63.9
<b>Total</b>	48.4	39.9-56.9	61.1	54.7-67.2	58.4	52.4-64.2	55.4	50.2-60.5	45.0	40.3-49.8		

Data source: Statistics Canada, Canadian Community Health Survey 2017/18.

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**Self-Reported Any Change Made to Improve Health in the Past Year, by Type of Population Centre, PEI, 2017/18**

Population Centre	%	CI
Rural	52.6	48.9-56.3
Small population centre (1,000 to 29,999)	52.5	44.7-60.3
Medium population centre (30,000 to 99,000)	59.2	54.1-64.1

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus.*

**Self-Reported Any Change Made to Improve Health in the Past Year, by Material Deprivation, PEI, 2017/18**

Level of Material Deprivation	%	CI
Quintile 1 (least deprived)	61.5	55.1-67.5
Quintile 2	57.8	51.3-64.1
Quintile 3	52.1	45.6-58.5
Quintile 4	55.0	49.2-60.6
Quintile 5 (most deprived)	46.8	40.7-53.1

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.*

**Self-Reported Any Change Made to Improve Health in the Past Year, by Social Deprivation, PEI, 2017/18**

Level of Social Deprivation	%	CI
Quintile 1 (least deprived)	51.5	45.4-57.6
Quintile 2	50.6	43.8-57.4
Quintile 3	57.0	49.9-63.9
Quintile 4	57.9	51.9-63.7
Quintile 5 (most deprived)	55.8	49.6-61.8

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.*

**Self-Reported Any Change Made to Improve Health in the Past Year, by Material and Social Deprivation Combined, PEI, 2017/18**

Level of Material and Social Deprivation	%	CI
Quintile 1 (least deprived)	53.6	46.2-60.9
Quintile 2	57.3	50.7-63.7
Quintile 3	50.4	41.8-59.0
Quintile 4	48.7	43.1-54.4
Quintile 5 (most deprived)	55.4	49.4-61.3

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.*

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## Intend to Make Changes to Improve Health

Definition: Proportion of population indicating they intend to do something to improve their health, and the proportion reporting a change to improve health in each category.

Questions: Is there anything you intend to do to improve your physical health in the next year? If yes, what is that?.....Start or increase exercise, sports, physical activity; lose weight; change diet/improve eating habits; quit smoking/reduce amount smoked/ drink less alcohol/ reduce stress level; receive medical treatment; take vitamins; other.

### Self-Reported Intended Changes to Improve Health in the Next Year, PEI and Canada, Aged 12+

Year	PEI		Canada	
	%	CI	%	CI
<b>Any Change</b>				
2007/08	76.2	73.3-78.8	75.3	74.7-75.8
2009/10	77.9	74.6-80.8	76.1	74.9-77.3
2011/12	82.4	79.2-85.2	81.4	80.7-82.0
2013/14	76.4	73.0-79.5	78.3	77.2-79.3
2015/16	75.2	72.1-78.1	76.5	75.3-77.7
2017/18	74.2	70.8-77.3	78.3	77.0-79.4
<b>More Exercise</b>				
2007/08	67.0	63.3-70.5	67.9	67.2-68.5
2009/10	66.7	62.8-70.4	70.2	68.6-71.7
2011/12	71.4	66.7-75.7	70.9	69.9-71.8
2013/14	65.7	61.8-69.4	72.6	71.2-73.9
2015/16	70.6	66.4-74.5	71.4	69.9-72.9
2017/18	71.3	67.4-74.9	74.0	72.7-75.3
<b>Lose Weight</b>				
2007/08	14.2	11.9-16.9	11.1	10.6-11.6
2009/10	11.1	8.8-14.0	11.0	10.1-12.0
2011/12	10.8	8.6-13.6	9.4	8.8-9.9
2013/14	8.2	6.2-10.7	10.0	9.1-10.9
2015/16	12.2	10.0-14.9	10.8	9.8-11.9
2017/18	10.6	8.6-13.0	11.2	10.4-12.1
<b>Improve Eating Habits</b>				
2007/08	18.1	15.5-20.9	20.9	20.4-21.4
2009/10	21.4	18.1-25.1	20.3	19.0-21.7
2011/12	25.9	21.6-30.8	21.9	21.0-22.8
2013/14	25.7	22.0-29.7	23.9	22.5-25.4
2015/16	31.6	28.1-35.3	26.6	25.1-28.1
2017/18	28.6	25.1-32.5	27.0	25.5-28.6
<b>Reduce/Quit Smoking</b>				
2007/08	5.7	4.5-7.1	5.0	4.8-5.2
2009/10	5.8	4.6-7.4	0.8	0.7-0.9
2011/12	8.9 <sup>E</sup>	6.6-11.9	8.8	8.2-9.4

Appendix

Year	PEI		Canada	
	%	CI	%	CI
2013/14	9.3	7.2-12.0	5.7	5.2-6.3
2015/16	6.0 <sup>E</sup>	4.4-8.3	8.0	7.1-8.9
2017/18	7.3	5.5-9.6	4.8	4.2-5.4
<b>Reduce Stress</b>				
2007/08	3.0 <sup>E</sup>	1.9-4.9	4.4	4.1-4.7
2009/10	1.0 <sup>E</sup>	0.5-1.7	4.8	4.1-5.5
2011/12	3.5 <sup>E</sup>	2.2-5.7	3.7	3.3-4.2
2013/14	2.0 <sup>E</sup>	1.0-3.7	4.3	3.8-4.9
2015/16	1.4 <sup>E</sup>	0.8-2.5	2.6	2.1-3.1
2017/18	2.8 <sup>E</sup>	1.7-4.5	4.7	4.1-5.5
<b>Other ^</b>				
2007/08	6.7	5.1-8.8	10.6	10.1-11.0
2009/10	3.3 <sup>E</sup>	2.3-4.7	11.2	10.2-12.3
2011/12	6.2 <sup>E</sup>	4.4-8.6	10.1	9.4-10.8
2013/14	6.0 <sup>E</sup>	4.3-8.3	11.3	10.4-12.2
2015/16	5.9 <sup>E</sup>	4.3-8.0	8.3	7.4-9.3
2017/18	5.9	4.5-7.9	10.6	9.5-11.7

^Other includes: take vitamins, receive medical treatment, other

Data source: Statistics Canada, Canadian Community Health Survey 2017/18. Age-standardized using the 2011 Canadian population. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.

**Self-Reported Intention to Make Any Changes to Improve Health in the Next Year, by Age and Sex, PEI, 2017/18**

Sex	12-17 yr.		18-34 yr.		35-49 yr.		50-64 yr.		65+ yr.		Total	
	%	CI	%	CI								
Male	75.9	58.7-87.4	76.2	64.7-84.9	73.2	62.3-81.8	68.9	59.1-77.3	70.2	59.8-78.8	72.5	67.3-77.1
Female	69.4	47.9-84.9	83.2	74.7-89.3	81.7	72.7-88.1	82.2	74.3-88.1	67.1	58.0-75.0	79.0	75.3-82.2
<b>Total</b>	<b>73.3</b>	<b>60.4-83.1</b>	<b>79.9</b>	<b>73.2-85.3</b>	<b>77.2</b>	<b>70.2-83.0</b>	<b>76.0</b>	<b>69.9-81.2</b>	<b>68.4</b>	<b>61.7-74.4</b>		

Data source: Statistics Canada, Canadian Community Health Survey 2017/18.

**Self-Reported Intention to Make Any Changes to Improve Health in the Next Year, by Type of Population Centre, PEI, 2017/18**

Population Centre	%	CI
Rural	78.6	74.6-82.2
Small population centre (1,000 to 29,999)	68.8	57.9-78.0
Medium population centre (30,000 to 99,000)	73.5	67.7-78.6

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus.

**Self-Reported Intention to Make Any Changes to Improve Health in the Next Year, by Material Deprivation, PEI, 2017/18**

Level of Material Deprivation	%	CI
Quintile 1 (least deprived)	73.2	65.6-79.6
Quintile 2	73.7	65.7-80.4
Quintile 3	76.3	68.8-82.4
Quintile 4	75.8	68.7-81.7
Quintile 5 (most deprived)	81.0	74.7-86.0

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.

**Self-Reported Intention to Make Any Changes to Improve Health in the Next Year, by Social Deprivation, PEI, 2017/18**

Level of Social Deprivation	%	CI
Quintile 1 (least deprived)	76.1	68.6-82.2
Quintile 2	77.6	70.5-83.5
Quintile 3	73.2	64.8-80.1
Quintile 4	74.3	66.5-80.8
Quintile 5 (most deprived)	78.4	71.6-84.0

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.

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**Self-Reported Intention to Make Any Changes to Improve Health in the Next Year, by Material and Social Deprivation Combined, PEI, 2017/18**

<b>Level of Material and Social Deprivation</b>	<b>%</b>	<b>CI</b>
Quintile 1 (least deprived)	68.1	58.8-76.2
Quintile 2	76.7	69.5-82.7
Quintile 3	75.8	65.1-84.0
Quintile 4	79.0	72.4-84.4
Quintile 5 (most deprived)	76.3	69.2-82.2

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.*

## **Exposure to Second-Hand Smoke**

**Definition:** Proportion of people who are exposed to second-hand smoke (i.e., smoke from others).

**Questions:** Including both household members and regular visitors, does anyone smoke inside your home, every day or almost every day? In the past month, were you exposed to second-hand smoke, every day or almost every day, at your workplace or at school? In the past month, were you exposed to second-hand smoke, every day or almost every day, in a car or other private vehicle? In the past month were you exposed to second hand smoke every day or almost every day, in public places (such as bars, restaurants, shopping malls, arenas, bingo halls, bowling alleys)?”

### **Self-Reported Exposure to Environmental Tobacco Smoke in the Past Month among Non-Smokers, Aged 12+, PEI and Canada**

Year	PEI		Canada	
	%	CI	%	CI
<b>Any Exposure to Environmental Tobacco Smoke</b>				
2007/08	21.7	19.4-24.1	22.9	22.5-23.3
2009/10	16.1	13.9-18.6	21.0	20.6-21.4
2011/12	21.1	18.7-23.7	21.5	21.1-21.9
2013/14	19.5	17.0-22.3	20.0	19.6-20.4
2015/16	18.7	16.4-21.2	23.4	23.0-23.9
2017/18	20.2	18.1-22.6	22.9	22.1-23.8
<b>Home</b>				
2007/08	14.6	12.8-16.7	13.1	12.8-13.4
2009/10	9.6	7.9-11.4	11.1	10.8-11.5
2011/12	11.4	9.5-13.6	9.4	9.1-9.8
2013/14	9.5	7.7-11.7	7.6	7.4-7.9
2015/16	6.5	5.3-7.8	7.6	7.3-7.9
2017/18	6.3	5.1-7.8	9.2	8.7-9.8
<b>Workplace / School</b>				
2007/08	--	--	--	--
2009/10	--	--	--	--
2011/12	--	--	--	--
2013/14	--	--	--	--
2015/16	8.4	6.6-10.5	10.2	9.8-10.6
2017/18	9.4	7.5-11.7	10.4	9.7-11.2
<b>Car</b>				
2007/08	9.6	7.8-11.8	7.9	7.6-8.2
2009/10	6.8	5.2-8.8	7.1	6.8-7.4
2011/12	9.1	7.3-11.2	6.5	6.2-6.8
2013/14	7.4	5.7-9.5	5.8	5.6-6.1
2015/16	5.1	3.8-6.6	4.1	3.9-4.3
2017/18	5.6	4.2-7.3	3.9	3.6-4.3
<b>Public Place</b>				

Year	PEI		Canada	
	%	CI	%	CI
2007/08	6.3	5.0-7.9	10.6	10.3-11.0
2009/10	6.2	4.7-8.1	10.6	10.3-11.0
2011/12	10.4	8.5-12.7	13.1	12.7-13.5
2013/14	9.1	7.4-11.2	13.5	13.1-13.9
2015/16	8.9	6.9-11.3	13.7	13.3-14.1
2017/18	9.6	7.8-11.8	11.1	10.5-11.8

Data source: Statistics Canada, Canadian Community Health Survey 2017/18. Age-standardized using the 2011 Canadian population. No data collected prior to 2015/16. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.

### Self-Reported Exposure to Any Environmental Tobacco Smoke in the Past Month among Non-Smokers, by Age and Sex, PEI, 2017/18

Sex	12-17 yr.		18-34 yr.		35-49 yr.		50-64 yr.		65+ yr.		Total	
	%	CI	%	CI	%	CI	%	CI	%	CI	%	CI
Male	28.0 <sup>E</sup>	19.0-39.2	30.3	22.9-39.0	9.6 <sup>E</sup>	5.5-16.2	23.2	17.1-30.5	13.8 <sup>E</sup>	9.8-19.1	20.4	17.4-23.7
Female	27.2 <sup>E</sup>	18.4-38.0	24.1 <sup>E</sup>	17.3-32.5	21.4 <sup>E</sup>	15.2-29.2	16.5 <sup>E</sup>	11.7-23.0	9.7 <sup>E</sup>	6.6-13.9	18.5	15.8-21.6
<b>Total</b>	<b>27.6</b>	<b>21.1-35.1</b>	<b>27.2</b>	<b>22.0-33.2</b>	<b>15.7</b>	<b>11.8-20.5</b>	<b>19.8</b>	<b>15.8-24.4</b>	<b>11.6</b>	<b>9.0-14.8</b>		

Data source: Statistics Canada, Canadian Community Health Survey 2017/18. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.

### Self-Reported Exposure to Any Environmental Tobacco Smoke in the Past Month among Non-Smokers, by Type of Population Centre, PEI, 2017/18

Population Centre	%	CI
Rural	20.4	17.5-23.5
Small population centre (1,000 to 29,999)	15.9 <sup>E</sup>	11.3-21.9
Medium population centre (30,000 to 99,000)	19.2	15.5-23.5

Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.

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**Self-Reported Exposure to Any Environmental Tobacco Smoke in the Past Month among Non-Smokers, by Material Deprivation, PEI, 2017/18**

Level of Material Deprivation	%	CI
Quintile 1 (least deprived)	15.7	11.5-21.1
Quintile 2	19.1	14.6-24.6
Quintile 3	15.7	11.6-20.9
Quintile 4	22.3	17.5-28.0
Quintile 5 (most deprived)	21.9	17.2-27.4

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index.*

**Self-Reported Exposure to Any Environmental Tobacco Smoke in the Past Month among Non-Smokers, by Social Deprivation, PEI, 2017/18**

Level of Social Deprivation	%	CI
Quintile 1 (least deprived)	20.9	16.2-26.5
Quintile 2	16.3	12.5-21.1
Quintile 3	20.1	15.4-25.8
Quintile 4	14.9 <sup>E</sup>	10.8-20.1
Quintile 5 (most deprived)	22.0	17.4-27.4

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.*

**Self-Reported Exposure to Any Environmental Tobacco Smoke in the Past Month among Non-Smokers, by Material and Social Deprivation Combined, PEI, 2017/18**

Level of Social Deprivation	%	CI
Quintile 1 (least deprived)	15.6 <sup>E</sup>	11.2-21.4
Quintile 2	16.6	12.5-21.7
Quintile 3	16.5 <sup>E</sup>	11.0-24.1
Quintile 4	23.5	19.1-28.6
Quintile 5 (most deprived)	22.3	17.5-27.9

*Data sources: Statistics Canada, Canadian Community Health Survey 2017/18; Canada Post, Postal Code Conversion File Plus; Institut national de santé publique du Québec, Material and Social Deprivation Index. E, Coefficient of variation is between 15.0% and 35.0% ( $15.0 < CV \leq 35.0$ ), so interpret this estimate with caution.*

**Immunization Uptake by Age 2**

**Definition:** Proportion of children in each cohort who were immunized with the recommended number of doses of each antigen before age two. The cohorts are defined as follows:

- 2015 Cohort: children born from January 1, 2015 to December 31, 2015.
- 2016 Cohort: children born from January 1, 2016 to December 31, 2016.
- 2017 Cohort: children born from January 1, 2017 to December 31, 2017.
- 2018 Cohort: children born from January 1, 2018 to December 31, 2018.

**Immunization Uptake by Antigen by Age Two, PEI, 2015-2018 Cohorts**

	Meningococcal C	Varicella	Measles	Mumps	Rubella	Hepatitis B	Pneumococcal	Diphtheria	Pertussis	Tetanus	Polio	Haemophilus influenzae type b	Rotavirus
	1 dose	2 doses	2 doses	2 doses	2 doses	3 doses	3 doses	4 doses	4 doses	4 doses	4 doses	4 doses	2/3 doses
	%	%	%	%	%	%	%	%	%	%	%	%	%
2015 Cohort	91.4	84.9	86.8	86.0	86.5	90.6	90.5	87.5	87.6	87.6	87.5	86.2	88.7
2016 Cohort	90.9	84.8	85.8	85.3	85.5	90.2	90.2	86.8	86.8	86.8	86.4	85.6	88.9
2017 Cohort	92.6	87.9	89.7	89.1	89.3	93.0	93.0	90.8	90.7	90.7	90.3	88.9	90.4
2018 Cohort	94.6	89.1	89.9	89.5	89.6	94.6	94.6	90.2	90.2	90.2	90.6	89.1	89.5

*Data source: Health PEI, Public Health Nursing Immunization Assessments; PEI Medicare Eligibility Registry.*

### **Immunization Uptake by Grade 1 Entry**

**Definition:** Proportion of children in each cohort who were immunized with the recommended number of doses of each antigen before entering Grade 1. The cohorts are defined as follows:

- 2010 Cohort: children registered for Grade 1 in the 2016-17 school year.
- 2011 Cohort: children registered for Grade 1 in the 2017-18 school year.
- 2012 Cohort: children registered for Grade 1 in the 2018-19 school year.
- 2013 Cohort: children registered for Grade 1 in the 2019-20 school year.

### **Immunization Uptake by Antigen Prior to Grade 1 Entry, PEI, 2010-2013 Cohorts**

	Meningococcal C	Varicella	Measles	Mumps	Rubella	Hepatitis B	Pneumococcal	Diphtheria	Pertussis	Tetanus	Polio	Haemophilus influenzae type b	Rotavirus
	1 dose	2 doses	2 doses	2 doses	2 doses	3 doses	3 doses	5 doses	5 doses	5 doses	5 doses	4 doses	2 doses
	%	%	%	%	%	%	%	%	%	%	%	%	%
2010 Cohort	92.1	90.9	92.7	92.3	93.2	91.6	78.7	87.5	87.3	87.5	87.6	89.2	86.1
2011 Cohort	95.0	91.4	95.3	93.3	94.4	92.9	91.3	85.3	85.3	85.3	86.5	92.4	82.1
2011 Cohort	92.1	90.9	92.7	92.3	92.7	90.5	88.1	87.9	87.6	88.0	87.4	88.6	77.5
2013 Cohort	92.8	90.8	93.0	92.4	92.8	90.8	89.1	88.0	87.6	88.0	87.7	89.3	81.2

*Data source: Health PEI, Public Health Nursing Immunization Assessments; PEI Medicare Eligibility Registry.*

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**HPV Immunization Coverage in Grade 6**

Definition: Proportion of students who received the recommended number of doses of the human papillomavirus (HPV) vaccine before the end of Grade 6.

**HPV Vaccine Coverage in Grade 6 Students, By Sex, PEI, 2013-14 to 2019-20 School Years**

	<b>Male</b>	<b>Female</b>
	<b>%</b>	<b>%</b>
2013-14, 3 doses	79.0	84.9
2014-15, 3 doses	81.4	82.7
2015-16, 2 doses	85.0	84.3
2016-17, 2 doses	89.7	88.4
2017-18, 2 doses	85.6	86.4
2018-19, 2 doses	82.1	84.0
2019-20, 2 doses	81.6	83.7

*Data source: Health PEI, Public Health Nursing Immunization Assessments; PEI Medicare Eligibility Registry.*

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### **Immunization Uptake by Grade 9**

**Definition:** Proportion of students who received the recommended number of doses of Tdap (tetanus, diphtheria, and pertussis) and meningococcal A, C, Y and W-135 conjugate before the end of Grade 9.

#### **Tdap and Meningococcal ACYW-135 Coverage in Grade 9 Students, by Antigen, PEI, 2014-15 to 2019-20 School Years**

	<b>Tdap</b>	<b>Meng ACYW-135</b>
	<b>1 dose</b>	<b>1 dose</b>
	<b>%</b>	<b>%</b>
2014-15	94.7	94.6
2015-16	95.0	94.5
2016-17	97.7	97.3
2017-18	90.9	91.1
2018-19	92.4	92.3
2019-20	90.3	90.2

*Data source: Health PEI, Public Health Nursing Immunization Assessments; PEI Medicare Eligibility Registry.*