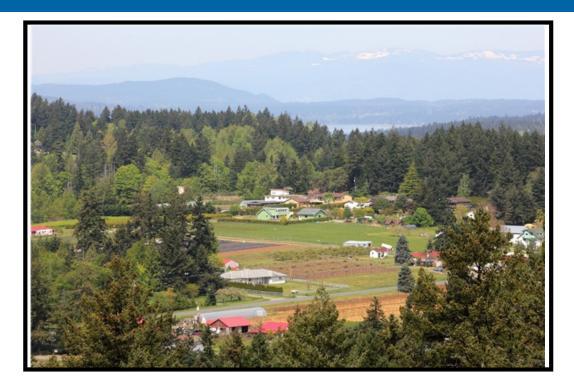
# SAANICH PENINSULA - 413 Local Health Area Profile



Saanich Peninsula Local Health Area (LHA) is one of 14 LHAs in Island Health and is located in Island Health's South Island Health Service Delivery Area (HSDA). The LHA is located along the western side of the South Island HSDA. It is 167 square kilometres, and includes the communities of Saanich, Central Saanich, North Saanich, and Sidney. Highway 17 runs through Saanich Peninsula. It is approximately a 20 minute drive from Saanich Peninsula to Victoria. There are more than 15 bus routes in Saanich Peninsula and a handyDART service. Saanich Peninsula also holds the Victoria International Airport and the Swartz Bay Ferry Terminal, with ferry service to Vancouver and the Gulf Islands.



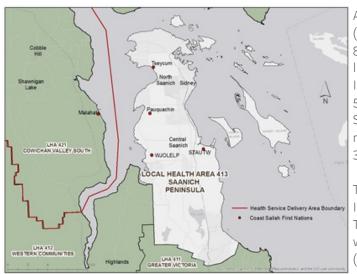
An accompanying Interpretation Guide has been created to assist with the interpretation of indicators.

The Interpretation Guide should be read with the profiles.

These profiles are not intended to be used for detailed planning or analysis. As they are updated on an annual basis, there may be more current data available. If you are intending to use these profiles for health planning purposes, if you have detailed questions, or notice a discrepancy, please contact Maritia Gully (Maritia.Gully@viha.ca).



## Population and Demographics

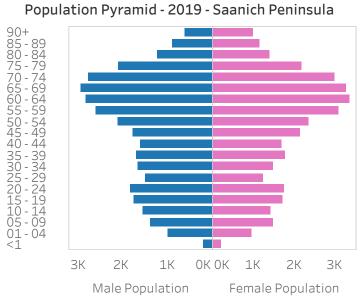


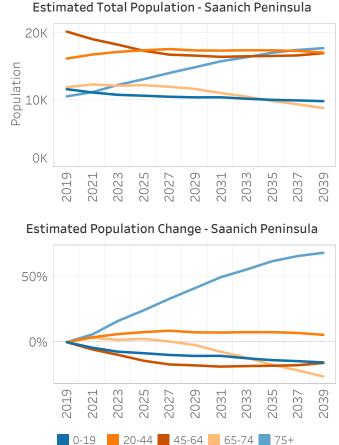
As of 2019, the Saanich Peninsula LHA represents 8.34% (70,356 people) of Island Health's total population of 843,376. According to the 2016 Census, 5.4% of people living in the Saanich Peninsula identified themselves as Indigenous, compared to 7.6% across Island Health and 5.9% in BC. Additionally, 9.8% of people living in the Saanich Peninsula area identified themselves as a visible minority, compared to 9.6% across Island Health and 30.3% in BC.

The population of Saanich Peninsula is older than that of Island Health and BC, with an average age of 48.8 years. The 75+ age group makes up 14.97% of the population, which is higher than Island Health (10.11%) and BC (7.9%) proportions. The largest population group is currently between the ages 45 and 64 years.

The Saanich Peninsula population is expected to increase by 0.65% to 70,810 by the year 2028; this is lower than the growth expected for Island Health (8.63%) and BC (11.4%). The greatest growth is expected in the 75+ age group, where the population is expected to increase by 67.1% (from 10,535 to 17,610) over the next 20 years. An overall decline is expected in most age groups, while the 20-44 year age group is expected to remain relatively stable. See the Population and Demographics summary on page 10 for more information.







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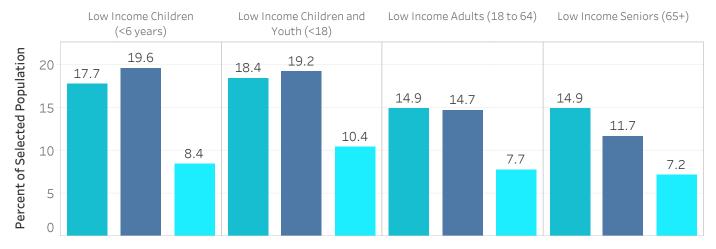
### **Determinants of Health**

Access to adequate income, affordable housing, healthy food, education, healthy environments, and recreational opportunities influence our health and wellbeing. People who are less well-off generally have poorer health and shorter life expectancies than those who are well-off. By working upstream to improve the conditions in which all people live, work, and play, we can decrease these gaps and improve the health and wellbeing of our population.

### Income and Employment

The median household income for Saanich Peninsula was \$83,722 in 2016, higher than the BC median household income of \$69,979 and Island Health of \$65,735 (median income in this report is a before-tax measure, unless specified otherwise). The proportion of persons who are members of a low income household is lower across all age groups, compared to Island Health and BC. The unemployment rate in Saanich Peninsula are lower than Island Health and BC (see page 12).

### Percent of Population with Low Income in 2015 based on after-tax low-income measure (2016 Census)



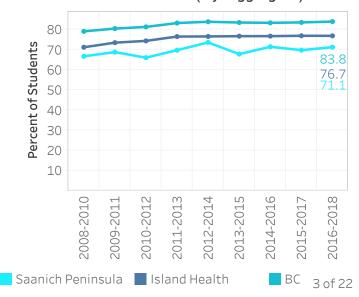
### Education

High school completion rates in the Saanich Peninsula are lower than the rates for Island Health and BC. However, according to the 2016 Census, a higher proportion of the Saanich Peninsula adult population have completed post-secondary education.

Population Aged 25 to 64 with Post-Secondary Certificate, Diploma or Degree (%)

	2016							
ВС	BC Island Health Saanic							
63.9	63.7	68.9						

# High School Completion Rate within 6 years of Grade 8 Enrollment (2 yr aggregate)



# \$

### **Determinants of Health**

### Housing

One way to measure affordability of housing is to look at how much of a household's income is spent on shelter. The proportion of home owners and renters spending more than 30% of their income on housing is lower in Saanich Peninsula, compared to Island Health and BC. There is a lower percentage of crowded family households in Saanich Peninsula compared to BC, but the percentage is higher than Island Health overall (see page 12). The percentage of households in need of major repairs (e.g. defective electrical wiring) is lower than the Island Health and BC proportion.

### Early Childhood Development and Determinants of Child and Youth Health

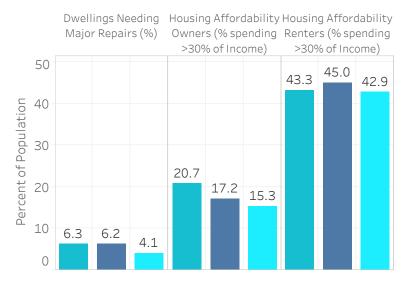
Creating supportive and healthy environments in an equitable way so that all children and youth can grow and thrive is critical to the health of the population. This includes supporting mothers during the pre- and post-natal period, supporting families during early development years, supporting children and youth to grow, learn, and transition into adulthood.

Saanich Peninsula has a lower percentage of lone-parent families than BC and Island Health. Both median household income and lone-parent family income for Saanich Peninsula is higher compared to Island Health and BC.

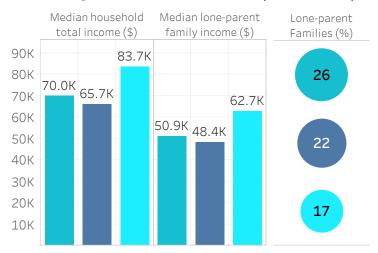
# Early Development Instrument (EDI) Percent of Preschool Children Vulnerable in EDI: Vulnerable on ≥1 Domains



#### Selected Household Indicators



# Median Household and Lone-Parent Income, and Percentage of Lone-Parent Families (2016 Census)



The Early Development Instrument (EDI) is used to measure vulnerability in "waves" of kindergarten children across five domains (social, physical, emotional, language, and communication). Increases in the EDI rate are a negative indicator of child health and decreases are a positive indicator. For Island Health overall, vulnerability has increased between 2007/2009 and 2011/2013, but decreased in the most recent wave. Saanich Peninsula has lower levels of vulnerability for preschool children than Island Health and BC and have seen some improvements in the last few waves overall.



### **Determinants of Health**

Mothers' smoking during pregnancy has demonstrated negative effects for both mother and baby. Overall, rates of smoking during pregnancy have been decreasing over the past eight years; however, across Island Health rates have been much higher than for BC. Rates for Saanich Peninsula are lower than Island Health and comparable to provincial values.

Rates of children and youth in care have decreased over the past five years; across Island Health overall rates have been much higher than for BC. Rates for Saanich Peninsula are lower than Island Health and comparable to provincial values. See the Determinants of Health summary on page 13 for more information.

Rate per 1,000 age 0-18

### Percent of Pregnant Women who Reported Smoking at Any Time During Current Pregnancy (5 yr aggregate)



## Children and Youth in Care per 1,000 Children and Youth



### Healthy Behaviours and Built Environment

# Alcohol Consumption (litres of absolute alcohol sold per person, 1L=58 standard drinks)



Among those who are employed, a lower percentage of the population in Saanich Peninsula reports using active modes of transportation (walking, cycling, and public transit) to get to work. See the Determinants of Health summary on pages 12 and 13 for more information.

Preference for healthy behaviours such as healthy eating, exercise, not smoking, reducing alcohol consumption, and maintaining social connections contribute to a healthier life. Many healthy behaviour indicators are available through the Canadian Community Health Survey (CCHS) but the data is not available at the LHA level. Among LHA-level available data, substance use in Saanich Peninsula, particularly alcohol consumption per capita, fluctuates near the Island Health level, above the BC level of consumption.

## Employed Population Aged 15 and Over Walking, Biking or Busing to Work (%)





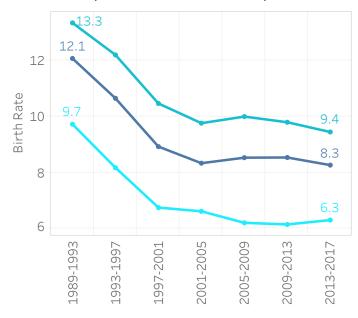
### **Health Status**

The health status of the population is measured with several indicators such as life expectancy, infant mortality, prevalence of chronic disease, mortality, and premature mortality.

### **Birth Statistics**

The overall birth rate for Saanich Peninsula is lower than BC and Island Health. Compared to Island Health, there are proportionately more births to older (35 years and over) mothers and fewer births to mothers under the age of 20 years. The rate of low birth weight and pre-term births (those born at less than 37 weeks) is slightly higher than Island Health and BC rates. The rate of cesarean sections sits between Island Health and BC rates.

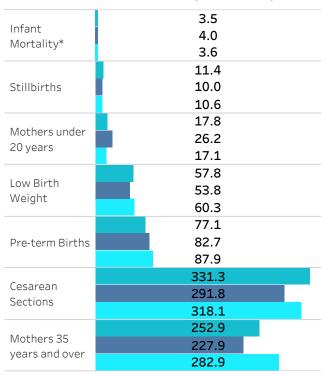
### Birth Statistics Live Births per 1,000 Population (1989-1993 to 2013-2017)



### **Mortality Statistics**

Mortality rates have decreased steadily over the last decade in all areas. The age-standardized all-cause mortality rate for Saanich Peninsula is much lower than Island Health and BC rates.

# Birth Statistics Per 1,000 Live Births (2013-2017)



\*It is important to note that caution should be exercised when dealing with a small number of cases as an increase or decrease may indicate random variation rather than a significant change in rates.

### Mortality (Age Standardized Rate per 10,000)





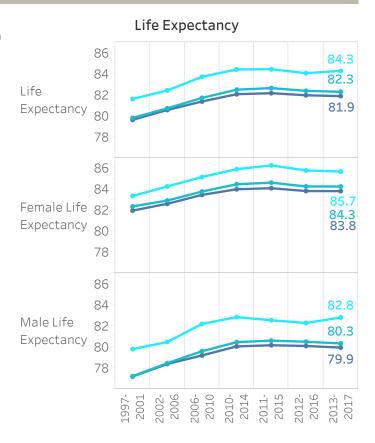
### **Health Status**

Potential years of life lost (PYLL) is a measure of premature mortality (an estimate of the average years a person would have lived if they had not died before the established life expectancy of 75 years). The PYLL is highest in Saanich Peninsula due to influenza and pneumonia and endocrine, nutrional, and metabolic diseases, but are still lower compared to BC and Island Health rates. A complete list of PYLL by cause can be found on page 16.

Life expectancy has been increasing over the last few decades, but has decreased in the last few years due to overdose deaths at younger ages. Saanich Peninsula's population has a higher life expectancy for both males and females compared to Island Health and BC overall.

#### Chronic Disease

Chronic disease prevalence rates tend to be lower for Saanich Peninsula in comparison to Island Health, with the exception of osteoarthritis and hypertension. Compared to BC, there are more conditions that are relatively more prevalent. See the Health Status summary on page 15 for more information.



### Chronic Disease Age Standardized Prevalence in 2018 Per 1,000 Individuals

	ВС		Island Health	Saanich Peninsula		
Heart Failure	•	19.4	• 17.7	• 13.8		
Alzheimer's Disease and Other Dementia	•	20.3	• 21.3	• 18.3		
Chronic Kidney Disease	•	23.2	• 22.2	21.1		
Episodic Asthma		49.9	52.9	49.3		
Chronic Obstructive Pulmonary Disease		51.1	52.5	30.6		
Ischemic Heart Disease		69.4	60.5	52.2		
Diabetes		80.3	69.5	61.9		
Osteoarthritis		84.9	91.1	88.5		
Asthma		123.1	130.7	124.0		
Hypertension		224.7	212.1	209.4		



### Health Status

### Mental Health and Substance Use

Over recent years, many of the LHAs across Island Health have been working to address the ongoing opioid public health emergency and to discuss how to improve mental health and wellbeing. In light of this ongoing health emergency, this page highlights several measures that are directly or indirectly related to the crisis at hand.

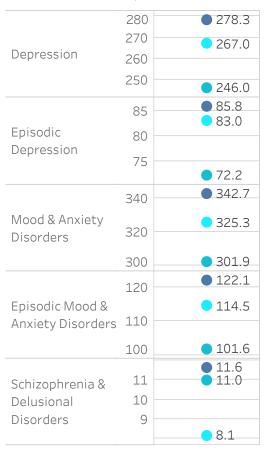
### Mental Health Conditions

Although many chronic diseases have a lower prevalence in Saanich Peninsula in comparison to Island Health and BC, conditions related to mental health vary when compared to BC and Island Health rates. The most notable conditions are schizophrenia and delusional disorders, where Saanich Peninsula prevalence is much lower than BC and Island Health overall. Saanich Peninsula prevalence in all of the other mental health conditions sits between BC (lower) and Island Health (higher).

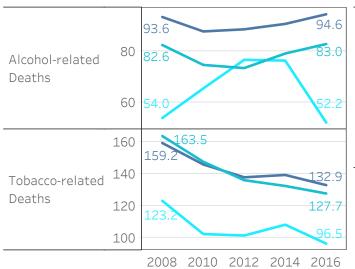
### Substance Use

Substance-related death rates in Saanich Peninsula are lower than Island Health and BC rates, with significant variation in the alcohol-related deaths since 2008. Death rates from tobacco and illicit drug toxicity are well below Island Health and BC rates. The indicators directly below have combined deaths that are partially or entirely attributed to the substance being measured; for more details visit <a href="http://aodtool.cfar.uvic.ca/aod/about.php">http://aodtool.cfar.uvic.ca/aod/about.php</a>. Also, see hospitalization rates on page 15.

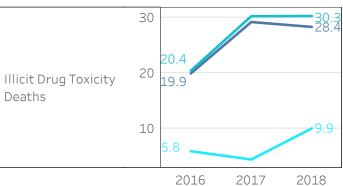
### Chronic Disease Age Standardized Prevalence Per 1,000 Individuals



# Substance-Related Deaths (Age Standardized Rate per 100,000)



# Illicit Drug Toxicity Deaths (Crude Rate per 100,000)



For the most up to date data on Illicit Drug Toxicity Deaths, visit: <a href="https://www2.gov.bc.ca/gov/content/life-events/death/coroners-service/statistical-reports">https://www2.gov.bc.ca/gov/content/life-events/death/coroners-service/statistical-reports</a>.

Saanich Peninsula 📕 Island Health

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Home

Care

75+

### Health Service Use

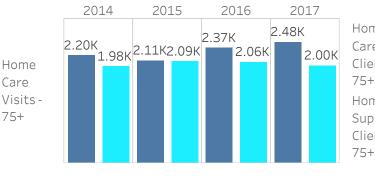
Access to primary care services plays an important role in the use of emergency department and inpatient services. The population attached to physicians at the practice level is calculated by the Ministry of Health and indicates the percentage of the population who have a regular physician or regular physician practice. Compared to Island Health overall, a higher percentage of the Saanich Peninsula population has a physician at the practice level.

There is a lower rate of home care and home support clients for the 75+ age group in Saanich Peninsula compared to Island Health. The Saanich Peninsula rates of home care visits and home support hours are lower than Island Health's rate for the 75+ population. See Health Service Use summary on page 17 for more information on these topics.

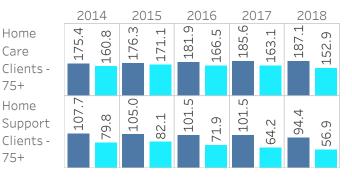
### Population Attached to Physician at the Practice Level (%)



### Home Care Visits Rate per 1,000 Population

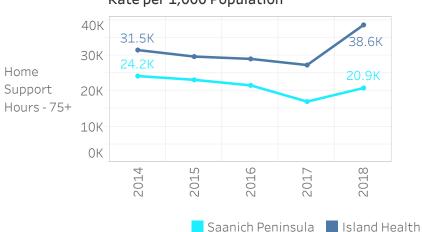


### Home Care and Home Support Clients Rate per 1,000 Population



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### Home Support Hours Rate per 1,000 Population





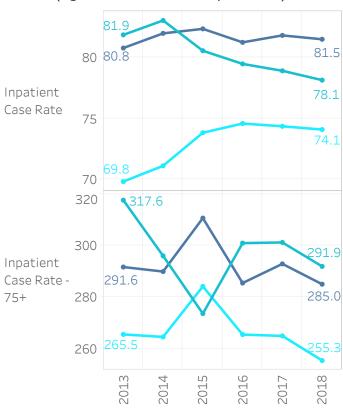
### Health Service Use

The age standardized hospitalization rate (inpatient admissions) for the Saanich Peninsula population is lower than Island Health and BC, both overall and for the population aged 75 and over.

The hospital admission rate for Ambulatory Care Sensitive Conditions (ACSC) – conditions that can be treated in the community if services are available and would not necessarily require hospitalization has been lower in Saanich Peninsula, although the rate has been increasing over the last five years.

Emergency/urgent care visit rates are lower for Saanich Peninsula compared to Island Health and BC. However, the percentage of emergency/urgent care visits that are triaged as highly urgent is slightly higher in Saanich Peninsula compared to Island Health. Health service usage is based on where the user resides, rather than where the service is provided. See the Health Service Use summary on page 16 for more information on these topics.

### Acute Care Inpatient Cases (Age Standardized Rate per 1,000)

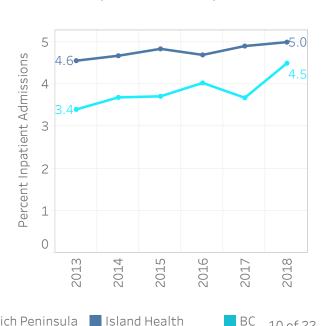


### Unscheduled Emergency and Urgent Care Centre Visits Rate per 1,000 Population and Percent of Higher Urgency

(Canadian Triage and Acuity Scale (CTAS) 1, 2 or 3)



**Ambulatory Care Sensitive Conditions** (% of Admissions)



Saanich Peninsula Island Health

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### Population and Demographics Summary

Sub-group Description	Indicator Description	Time Period	ВС	Island Health	Saanich Peninsula	
•	10-Year Population Growth (%)	2019-2028	11.4	8.6	0.7	• • • • • • •
Population Projection	Population aged 0-19 (%)	2019	19.4	17.7	16.5	
	Population aged 20-44 (%)	2019	33.9	29.8	23.0	•
	Population aged 45-64 (%)	2019	27.9	28.2	28.7	•
	Population aged 65-74 (%)	2019	11.0	14.2	16.9	<b>•</b> • • • • • • • • • • • • • • • • • •
	Population aged 75 and over (%)	2019	7.9	10.1	15.0	
	Percent growth of the 0-19 age group population in next 10 years	2019	3.5	2.0	-10.0	
	Percent growth of the 20-44 age group population in next 10 years	2019	10.1	7.2	7.7	
	Percent growth of the 45-64 age group population in next 10 years	2019	-0.1	-5.7	-17.3	
	Percent growth of the 65-74 age group population in next 10 years	2019	27.1	13.0	-0.1	
	Percent growth of the 75+ age group population in next 10 years	2019	55.5	58.2	36.7	• • • • •
	Average Age (years)	2018	41.8	44.7	48.8	
Age and	Median Age of Population (Years)	2016	43.0	47.7	54.0	••••
Demographics	Population where language spoken most often at home is not English or French (%)	2016	15.6	3.7	3.6	
	Visible minority population (%)	2016	30.3	9.6	9.8	
	Population in private households with Aboriginal Identity (%)	2016	5.9	7.6	5.4	
Marital Status	Population aged 15 and over who are married (%)	2016	48.7	46.8	56.0	
	Population aged 15 and over who are common-law (%)	2016	9.4	11.5	8.3	
	Population aged 15 and over who are single, never married (%)	2016	27.2	24.5	19.5	
	Population aged 15 and over who are wido	2016	5.4	6.2	7.6	
	Population aged 15 and over who are separated or divorced (%)	2016	9.3	11.1	8.6	- 🔷 —
Migration and	Immigrant population (%)	2016	28.3	15.8	20.0	
Immigrants	Population migrating to area in the last 5 years (%)	2016	20.9	20.6	16.3	

1.0

0.0 0.5

1.5 2.0

### **S** Determinants of Health Summary

Sub-group Description	Indicator Description	Time Period	ВС	Island Health	Saanich Peninsula	
Education	Population aged 25 to 64 with post-secondary certificate, diploma or degree (%)	2016	63.9	63.7	68.9	<b>&gt;</b> ·
	Grade 12 completion among students entering Grade 12 for the first time (%) (2yr Agg)	2015- 2017	80.2	73.5	71.9	
	Students completing high school within six years of enrollment in Grade 8 (%) (2yr Agg)	2016- 2018	83.8	76.7	71.1	•
Employment	Population aged 15 and over who are unemployed (%)	2016	6.7	6.8	4.8	
Health Behaviours	Alcohol consumption (litres of absolute alcohol sold per person, 1L=58 standard drinks)	2017	9.4	11.6	11.3	••••
Household	Lone-parent family households (% of census families with children)	2016	25.5	22.0	16.6	
	Private households with multiple families (%)	2016	3.0	1.5	2.2	• • • • • • • • • • • • • • • • • • • •
	Private households with 5 or more persons (%)	2016	8.3	5.3	6.1	
	Dwellings rated as needing major repairs by renter or owner (%)	2016	6.3	6.2	4.1	. • • • • • • • • • • • • • • • • • • •
	Private households that are owner-occupied (%)	2016	68.0	69.1	81.5	00 0 00
Morbidity	Alcohol-related hosp. (age stnd. rate per 100,000)	2016	397.0	440.6	374.0	<b>C</b> · · · · ·
	Cannabis-related hosp. (age stnd rate per 100,000)	2016	27.8	31.4	11.5	• • • • • • • • • • • • • • • • • • • •
	Opioid-related hosp. (age stnd rate per 100,000)	2016	45.8	49.9	25.7	• • • • • • • • • • • • • • • • • • • •
	Tobacco-related hosp. (age stnd rate per 100,000)	2016	491.5	443.4	331.7	•••••
Transportation	Employed Population Aged 15 and Over Walking, Biking or Busing to Work (%)	2016	22.4	19.6	14.0	
						0.0 0.5 1.0 1.5 2.0

### § Determinants of Health Summary (Continued)

Sub-group Description	Indicator Description	Time Period	ВС	Island Health	Saanich Peninsula	
Child Health	Child Mental Diseases & Disorders Hosp. (rate per 1,000 aged 0-14)	2018	1.9	2.2	3.2	• • • •
	Youth Mental Diseases & Disorders Hosp. (rate per 1,000 aged 15-24)	2018	12.0	12.1	12.2	
	Child/Youth Mental Diseases & Disorders Hosp. (rate per 1,000 aged 0 to 24)	2018	6.4	6.6	7.3	• • • • • • • •
	Child hospitalizations - Injury/Poisoning (rate per 1,000 aged 0 to 14) - (2yr Agg)	2016-2018	4.4	5.5	5.6	• • • • • • • • • • • • • • • • • • • •
	Child hospitalizations - Respiratory Dis. (rate per 1,000 aged 0 to 14) - (2yr Agg)	2016-2018	8.0	9.2	8.1	• • • • •
	Child hospitalizations - Dental Surgery (rate per 1,000 aged 0 to 14) -(2yr Agg)	2016-2018	7.0	9.8	7.7	• • • • • • • • • • • • • • • • • • • •
	Pregnant women who reported smoking at any time during current pregnancy (%) (5yr Agg)	2014-2018	6.4	10.0	6.3	<b>O</b> • • • • • • • •
Early	EDI: Kindergarten children rated as vulnerable for physical development (%)	2013-2016	14.8	16.2	11.0	•••••
Development	EDI: Kindergarten children rated as vulnerable for social development (%)	2013-2016	15.7	14.7	11.0	• • • • • •
	EDI: Kindergarten children rated as vulnerable for emotional development (%)	2013-2016	16.1	16.6	12.0	••••••
	EDI: Kindergarten children rated as vulnerable for language development (%)	2013-2016	9.4	9.0	6.0	••••
	EDI: Kindergarten children rated as vulnerable for communication development (%)	2013-2016	14.2	11.9	7.0	• • • • • • • • • • • • • • • • • • • •
	EDI: Kindergarten children rated as vulnerable on one or more domains (%)	2013-2016	32.2	31.1	20.0	••••••
	EDI: Kindergarten children rated as vulnerable o	2013-2016	28.6	28.5	19.0	• • • • • • • • • • • • • • • • • • • •
Income	Median lone-parent family income (\$)	2016	50,894.0	48,366.0	62,717.0	
	Median household total income (\$)	2016	69,979.0	65,735.0	83,722.0	••••
Income	Difference in median income comparing males and females aged 15 and over	2016	12,817.0	12,100.0	14,681.0	• • • • • • • • • • • • • • • • • • • •
Inequality	Low income based on after-tax low income measure (%)	2016	15.5	14.8	7.9	•
	Low income based on after-tax low-income measure, ages less than 18 years (%)	2016	18.4	19.2	10.4	
	Low income based on after-tax low-income measure, ages less than 6 years (%)	2016	17.7	19.6	8.4	
	Low income based on after-tax low-income measure, ages 18 to 64 years (%)	2016	14.9	14.7	7.7	••••••
	Low income based on after-tax low-income measure, ages 65 years and over (%)	2016	14.9	11.7	7.2	
	Households (owned) spending more than 30% of income on housing (%)	2016	20.7	17.2	15.3	
	Households (rented) spending more than 30% of income on housing (%)	2016	43.3	45.0	42.9	
Protecting	Children and Youth in Care (rate per 1,000 children aged 0-18)	2018	6.9	11.4	7.0	<b>•••••</b>
Child and Youth	Children and Youth in Need of Protection (rate per 1,000 children aged 0-18)	2017	29.5	41.3	22.8	•••••

### Health Status Summary

Sub-group Description	Indicator Description	Time Period	ВС	Island Health	Saanich Penins	
Births	Live Birth Rate (rate per 1,000 population)	2013-2017	9.4	8.3	6.3	•••••
	Stillbirths (rate per 1,000 births)	2013-2017	11.4	10.0	10.6	•
	Infant Mortality - deaths of infants under 1 year of age (rate per 1,000 live births)	2013-2017	3.5	4.0		• • • • • • • • • • • • • • • • • • • •
	Low Weight Births - less than 2,500 grams (rate per 1,000 live births)	2013-2017	57.8	53.8	60.3	••••
	Cesarean Sections (rate per 1,000 live births)	2013-2017	331.3	291.8	318.1	• •••••
	Pre-term Births - gestational age less than 37 weeks (rate per 1,000 live births)	2013-2017	77.1	82.7	87.9	• • • •
	Mothers under 20 - live births to mothers under 20 years of age (rate per 1,000 live births)	2013-2017	17.8	26.2	17.1	
	Mothers 35 and over - live births to mothers aged 35 and over (rate per 1,000 live births)	2013-2017	252.9	227.9	282.9	
Morbidity	Alzheimer's Disease and Other Dementia - Prevalence (age-standardized rate per 1,000)	2018	20.3	21.3	18.3	• • •
	Asthma - Prevalence (age-standardized rate per 1,000)	2018	123.1	130.7	124.0	••••
	Chronic Kidney Disease - Prevalence (age-standardized rate per 1,000)	2018	23.2	22.2	21.1	••
	Chronic Obstructive Pulmonary Disease - Prevalence (age-standardized rate per 1,000)	2018	51.1	52.5	30.6	••••
	Mood and Anxiety Disorders - Prevalence (age-standardized rate per 1,000)	2018	301.9	342.7	325.3	<b>◆</b>
	Depression - Prevalence (age-standardized rate per 1,000)	2018	246.0	278.3	267.0	<b>-&gt;</b>
	Diabetes - Prevalence (age-standardized rate per 1,000)	2018	80.3	69.5	61.9	
	Heart Failure - Prevalence (age-standardized rate per 1,000)	2018	19.4	17.7	13.8	• • • • •
	Hypertension - Prevalence (age-standardized rate per 1,000)	2018	224.7	212.1	209.4	• 🗘
	Ischemic Heart Disease - Prevalence (age-standardized rate per 1,000)	2018	69.4	60.5	52.2	•••
	Osteoarthritis - Prevalence (age-standardized rate per 1,000)	2018	84.9	91.1	88.5	••••
	Episodic Asthma - Prevalence (age-standardized rate per 1,000)	2018	49.9	52.9	49.3	****
	Episodic Depression - Prevalence (age-standardized rate per 1,000)	2018	72.2	85.8	83.0	· •3
	Episodic Mood & Anxiety Disorders - Prevalence (age-standardized rate per 1,000)	2018	101.6	122.1	114.5	•
	Schizophrenia & Delusional Disorders - Prevalence (age-standardized rate per 1,000)	2018	11.0	11.6	8.1	•••

### Mealth Status Summary (Continued)

Sub-group Description	Indicator Description	Time Period	ВС	Island Health	Saanich Penins	
Deaths	Mortality (age stnd. rate per 10,000)	2013-2017	64.5	66.8	54.7	•••
	Mort unintentional injury (age stnd. rate per 10,000)	2013-2017	3.2	3.4	2.0	••••••••
	Alcohol-related deaths (age stnd rate per 100,000)	2016	83.0	94.6	52.2	• • • • • • • • • • • • • • • • • • • •
	Illicit Drug Toxicity Deaths (crude rate per 100,000)	2018	30.3	28.4	9.9	• • • • • • • • • • • • • • • • • • • •
	Tobacco-related deaths (age stnd rate per 100,000)	2016	127.7	132.9	96.5	. • • • • • •
Life	Life Expectancy	2013-2017	82.3	81.9	84.3	
Expectancy	Female Life Expectancy	2013-2017	84.3	83.8	85.7	
	Male Life Expectancy	2013-2017	80.3	79.9	82.8	•
Morbidity	Alcohol-related hosp. (age stnd. rate per 100,000)	2016	397.0	440.6	374.0	• • • • • •
	Cannabis-related hosp. (age stnd rate per 100,000)	2016	27.8	31.4	11.5	. • •
	Opioid-related hosp. (age stnd rate per 100,000)	2016	45.8	49.9	25.7	•••••
	Tobacco-related hosp. (age stnd rate per 100,000)	2016	491.5	443.4	331.7	• • • • • • • • • • • • • • • • • • • •
Health	Health Matrix: Non-Users (%)	2017		12.1	10.1	• • • • • • • • • • • • • • • • • • • •
Matrix*	Health Matrix: Healthy (%)	2017		33.6	32.4	• •
	Health Matrix: Adult (18+) Major Cond. (%)	2017		3.4	3.7	•••
	Health Matrix: Child and Youth (<18) Major Cond.(%)	2017		0.8	0.7	
	Health Matrix: Low Chronic Conditions (%)	2017		27.1	28.6	• • •
	Health Matrix: Medium Chronic Conditions (%)	2017		10.0	11.8	•
	Health Matrix: Severe Mental Health & Substance Use	2017		2.0	1.1	• • • • • • •
	Health Matrix: Maternity & Healthy Newborns (%)	2017		1.8	1.5	
	Health Matrix: Frail in Community (%)	2017		0.5	0.5	
	Health Matrix: High Chronic w/o Frailty (%)	2017		4.6	4.9	
	Health Matrix: High Chronic w/ Frailty (%)	2017		0.7	0.8	
	Health Matrix: Cancer (%)	2017		1.7	1.9	
	Health Matrix: Frail in Residential Care(%)	2017		1.0	1.2	
	Health Matrix: End of Life (%)	2017		0.7	0.8	
						0.0 0.5 1.0 1.5 2.0

<sup>\*</sup>The Health Matrix is a way of categorizing the population into different groups based on their health service utilization patterns. These categories are mutually exclusive and add up to 100% - in other words, everyone is placed into one of the categories, going from low or no utilization to high utilization at end of life; people who may meet the criteria for more than one category would be placed into the higher utilization category – for example, someone with medium complex chronic conditions who was also living in residential care would be counted in the Frail, Living in Residential Care category. For more information on the Health Matrix, see <a href="https://www2.gov.bc.ca/assets/gov/health/forms/5511datadictionary.pdf">https://www2.gov.bc.ca/assets/gov/health/forms/5511datadictionary.pdf</a>

### Potential Years of Life Lost (PYLL) from life expectancy of 75 years

Indicator Description	Time Period	ВС								
All Cause PYLL rate (age stnd. per 1,000)	2013-2017	44.0	47.9	36.0		8				•
Cerebrovascular diseases - PYLL rate (age stnd. per 1,000)	2013-2017	0.9	1.0	0.8	,				••	
Chronic lower respiratory diseases - PYLL rate (age stnd. per 1,000)	2013-2017	0.8	0.9	0.7	•		***		٠	٠
Diabetes - PYLL rate (age stnd. per 1,000)	2013-2017	1.3	1.1	1.0		•••			•	•
Arteries, arterioles and capillaries - PYLL rate (age stnd. per 1,000)	2013-2017	0.3	0.3	0.2			•	• (	• •	
Accidental Falls - PYLL rate (age stnd. per 1,000)	2013-2017	0.4	0.4	0.4		• (	<b>)</b> .		••	
Influenza and pneumonia - PYLL rate (age stnd. per 1,000)	2013-2017	0.5	0.5	0.5		• •	•	•	••	
Suicide - PYLL rate (age stnd. per 1,000)	2013-2017	3.2	3.9	3.5			>			
Ischemic heart diseases - PYLL rate (age stnd. per 1,000)	2013-2017	2.5	2.4	0.9				•		•
Endocrine, nutritional and metabolic diseases - PYLL rate (age stnd. per 1,000)	2013-2017	1.7	1.6	1.6				•		
Circulatory system - PYLL rate (age stnd. per 1,000)	2013-2017	5.2	5.7	2.9		•		• ••	• •	•
Lung/tracheal Cancer - PYLL rate (age stnd. per 1,000)	2013-2017	2.6	2.8	2.1				••	٠	
Malignant neoplasms - PYLL rate (age stnd. per 1,000)	2013-2017	13.0	14.1	12.7		(		• •		
Motor vehicle accidents - PYLL rate (age stnd. per 1,000)	2013-2017	1.6	1.5	0.5				•	••	• •
Diseases of the respiratory system - PYLL rate (age stnd. per 1,000)	2013-2017	1.6	1.7	1.4		- (		•		
Diseases of the digestive system - PYLL rate (age stnd. per 1,000)	2013-2017	2.2	2.8	2.3						٠
	All Cause PYLL rate (age stnd. per 1,000)  Cerebrovascular diseases - PYLL rate (age stnd. per 1,000)  Chronic lower respiratory diseases - PYLL rate (age stnd. per 1,000)  Diabetes - PYLL rate (age stnd. per 1,000)  Arteries, arterioles and capillaries - PYLL rate (age stnd. per 1,000)  Accidental Falls - PYLL rate (age stnd. per 1,000)  Influenza and pneumonia - PYLL rate (age stnd. per 1,000)  Suicide - PYLL rate (age stnd. per 1,000)  Ischemic heart diseases - PYLL rate (age stnd. per 1,000)  Endocrine, nutritional and metabolic diseases - PYLL rate (age stnd. per 1,000)  Circulatory system - PYLL rate (age stnd. per 1,000)  Lung/tracheal Cancer - PYLL rate (age stnd. per 1,000)  Malignant neoplasms - PYLL rate (age stnd. per 1,000)  Motor vehicle accidents - PYLL rate (age stnd. per 1,000)  Diseases of the respiratory system - PYLL rate (age stnd. per 1,000)	All Cause PYLL rate (age stnd. per 1,000)  Cerebrovascular diseases - PYLL rate (age stnd. per 1,000)  Chronic lower respiratory diseases - PYLL rate (age stnd. per 1,000)  Diabetes - PYLL rate (age stnd. per 1,000)  Arteries, arterioles and capillaries - PYLL rate (age stnd. per 1,000)  Accidental Falls - PYLL rate (age stnd. per 1,000)  Influenza and pneumonia - PYLL rate (age stnd. per 1,000)  Suicide - PYLL rate (age stnd. per 1,000)  Suicide - PYLL rate (age stnd. per 1,000)  Suicide - PYLL rate (age stnd. per 1,000)  Ischemic heart diseases - PYLL rate (age stnd. per 1,000)  Endocrine, nutritional and metabolic diseases - PYLL rate (age stnd. per 1,000)  Circulatory system - PYLL rate (age stnd. per 1,000)  Lung/tracheal Cancer - PYLL rate (age stnd. per 1,000)  Malignant neoplasms - PYLL rate (age stnd. per 1,000)  Malignant neoplasms - PYLL rate (age stnd. per 1,000)  Motor vehicle accidents - PYLL rate (age stnd. per 1,000)  Diseases of the respiratory system - PYLL rate (age stnd. per 1,000)  Diseases of the digestive system - PYLL rate (age stnd. per 1,000)	Indicator Description         Period         BC           All Cause PYLL rate (age stnd. per 1,000)         2013-2017         44.0           Cerebrovascular diseases - PYLL rate (age stnd. per 1,000)         2013-2017         0.9           Chronic lower respiratory diseases - PYLL rate (age stnd. per 1,000)         2013-2017         0.8           Diabetes - PYLL rate (age stnd. per 1,000)         2013-2017         1.3           Arteries, arterioles and capillaries - PYLL rate (age stnd. per 1,000)         2013-2017         0.3           Accidental Falls - PYLL rate (age stnd. per 1,000)         2013-2017         0.4           Influenza and pneumonia - PYLL rate (age stnd. per 1,000)         2013-2017         0.5           Suicide - PYLL rate (age stnd. per 1,000)         2013-2017         3.2           Ischemic heart diseases - PYLL rate (age stnd. per 1,000)         2013-2017         2.5           PYLL rate (age stnd. per 1,000)         2013-2017         5.2           Circulatory system - PYLL rate (age stnd. per 1,000)         2013-2017         5.2           Lung/tracheal Cancer - PYLL rate (age stnd. per 1,000)         2013-2017         2.6           Malignant neoplasms - PYLL rate (age stnd. per 1,000)         2013-2017         1.6           Diseases of the respiratory system - PYLL rate (age stnd. per 1,000)         2013-2017         1.6	Indicator Description         Period         BC Health           All Cause PYLL rate (age stnd. per 1,000)         2013-2017         44.0         47.9           Cerebrovascular diseases - PYLL rate (age stnd. per 1,000)         2013-2017         0.9         1.0           Chronic lower respiratory diseases - PYLL rate (age stnd. per 1,000)         2013-2017         0.8         0.9           Diabetes - PYLL rate (age stnd. per 1,000)         2013-2017         1.3         1.1           Arteries, arterioles and capillaries - PYLL rate (age stnd. per 1,000)         2013-2017         0.3         0.3           Accidental Falls - PYLL rate (age stnd. per 1,000)         2013-2017         0.4         0.4           Influenza and pneumonia - PYLL rate (age stnd. per 1,000)         2013-2017         0.5         0.5           Suicide - PYLL rate (age stnd. per 1,000)         2013-2017         3.2         3.9           Ischemic heart diseases - PYLL rate (age stnd. per 1,000)         2013-2017         2.5         2.4           Endocrine, nutritional and metabolic diseases - PYLL rate (age stnd. per 1,000)         2013-2017         1.7         1.6           Circulatory system - PYLL rate (age stnd. per 1,000)         2013-2017         2.6         2.8           Malignant neoplasms - PYLL rate (age stnd. per 1,000)         2013-2017         1.6         1.5	Indicator Description         Period         BC         Health         Penins           All Cause PYLL rate (age stnd. per 1,000)         2013-2017         44.0         47.9         36.0           Cerebrovascular diseases - PYLL rate (age stnd. per 1,000)         2013-2017         0.9         1.0         0.8           Chronic lower respiratory diseases - PYLL rate (age stnd. per 1,000)         2013-2017         0.8         0.9         0.7           Diabetes - PYLL rate (age stnd. per 1,000)         2013-2017         1.3         1.1         1.0           Arteries, arterioles and capillaries - PYLL rate (age stnd. per 1,000)         2013-2017         0.3         0.3         0.2           Accidental Falls - PYLL rate (age stnd. per 1,000)         2013-2017         0.4         0.4         0.4           Influenza and pneumonia - PYLL rate (age stnd. per 1,000)         2013-2017         0.5         0.5         0.5           Suicide - PYLL rate (age stnd. per 1,000)         2013-2017         3.2         3.9         3.5           Ischemic heart diseases - PYLL rate (age stnd. per 1,000)         2013-2017         2.5         2.4         0.9           Endocrine, nutritional and metabolic diseases - PYLL rate (age stnd. per 1,000)         2013-2017         5.2         5.7         2.9           Lung/tracheal Cancer - PYLL rate (	Name	All Cause PYLL rate (age stnd. per 1,000)  Cerebrovascular diseases - PYLL rate (age stnd. per 1,000)  Chronic lower respiratory diseases - PYLL rate (age stnd. age stnd. per 1,000)  Diabetes - PYLL rate (age stnd. per 1,000)  Arteries, arterioles and capillaries - PYLL rate (age stnd. per 1,000)  Arteries, arterioles and capillaries - PYLL rate (age stnd. per 1,000)  Arteries, arterioles and pre 1,000)  Accidental Falls - PYLL rate (age stnd. per 1,000)  Influenza and pneumonia - PYLL rate (age stnd. per 1,000)  Suicide - PYLL rate (age stnd. per 1,000)  Endocrine, nutritional and metabolic diseases - PYLL rate (age stnd. per 1,000)  Endocrine, nutritional and metabolic diseases - PYLL rate (age stnd. per 1,000)  Endocrine, nutritional and metabolic diseases - PYLL rate (age stnd. per 1,000)  Endocrine, nutritional and metabolic diseases - 2013-2017  Diseases of the digestive - PYLL rate (age stnd. per 1,000)  Diseases of the respiratory system - PYLL rate (age stnd. per 1,000)  Diseases of the respiratory system - PYLL rate (age stnd. per 1,000)  Diseases of the digestive system - PYLL rate (age stnd. per 1,000)  Diseases of the digestive system - PYLL rate (age stnd. per 1,000)  Diseases of the digestive system - PYLL rate (age stnd. per 1,000)  Diseases of the digestive system - PYLL rate (age stnd. per 1,000)	All Cause PYLL rate (age stnd. per 1,000)  Cerebrovascular diseases - PYLL rate (age stnd. per 1,000)  Chronic lower respiratory diseases - PYLL rate (age stnd. gag stnd. per 1,000)  Diabetes - PYLL rate (age stnd. per 1,000)  Arteries, arterioles and capillaries - PYLL rate (age stnd. per 1,000)  Arteries, arterioles and capillaries - PYLL rate (age stnd. per 1,000)  Accidental Falls - PYLL rate (age stnd. per 1,000)  Alfilenza and pneumonia - PYLL rate (age stnd. per 1,000)  Suicide - PYLL rate (age stnd. per 1,000)  Endocrine, nutritional and metabolic diseases - PYLL rate (age stnd. per 1,000)  Endocrine, nutritional and metabolic diseases - PYLL rate (age stnd. per 1,000)  Lung/tracheal Cancer - PYLL rate (age stnd. per 1,000)  Lung/tracheal Cancer - PYLL rate (age stnd. per 1,000)  Malignant neoplasms - PYLL rate (age stnd. per 1,000)  Motor vehicle accidents - PYLL rate (age stnd. per 1,000)  Diseases of the respiratory system - PYLL rate (age stnd. per 1,000)  Diseases of the digestive system - 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PYLL rate (age stnd. per 1,000)  Diseases of the digestive system - PYLL rate (age stnd. per 1,000)	All Cause PYLL rate (age stnd. per 1,000)   2013-2017   44.0   47.9   36.0

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### Health Service Use Summary

Sub-group Description	Indicator Description	Time Period	ВС	Island Health	Saanich Penins	
Complex Continuing	Home Care Visits (rate per 1,000 population)	2018		475.6	517.3	• • • • •
Care	Home Care Visits (rate per 1,000 population aged 75+)	2017		2,477.7	1,999.5	
	Long-Term Care Beds (rate per 1,000 population aged 75+)	2018		69.0	58.0	. •
	Home Care Clients (rate per 1,000 population)	2017		30.8	34.3	
	Home Care Clients (rate per 1,000 population aged 75+)	2018		187.1	152.9	•
	Home Support Clients (rate per 1,000 population)	2017		13.5	11.4	• • • • •
	Home Support Clients (rate per 1,000 population aged 75+)	2018		94.4	56.9	• • • • • • • • • • • • • • • • • • • •
	Home Support Hours (rate per 1,000 population)	2018		3,823.2	2,985.6	• • •
	Home Support Hours (rate per 1,000 population aged 75+)	2018		38,580.8	20,852.1	• • • • • •
Emergency	Unscheduled Emergency Dept. or Urgent Care Centre visits (rate per 1,000 pop.)	2018		466.9	417.1	
	Emergency Visits with CTAS of 1, 2 or 3 (%)	2017		67.8	70.4	
	Unscheduled Emergency Dept. or Urgent Care Centre visits (rate per 1,000 75+ pop.)	2018		785.3	726.3	••••
	Emergency Visits with CTAS of 1, 2 or 3 (%) for 75+ population	2017		78.3	77.9	•
Hospital Day Care	Acute Care Day Cases (age stnd. rate per 1,000 population)	2018	86.8	83.5	89.6	•
Day Care	Acute Care Day Cases (age stnd. rate per 1,000 population aged 75+)	2018	223.2	197.8	207.7	• • •
Primary Care	Population Attached to Physician at Practice Level (%)	2017	76.5	78.6	79.4	. •

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### Health Service Use Summary (Continued)

Sub-group Description	Indicator Description	Time Period	ВС	Island Health	Saanich Penins	
Hospital Day Care	Acute Care Day Cases (age stnd. rate per 1,000 population)	2018	86.8	83.5	89.6	•
Day Care	Acute Care Day Cases (age stnd. rate per 1,000 population aged 75+)	2018	223.2	197.8	207.7	• •••
Hospital Inpatient	Acute Care Inpatient Cases (age stnd. rate per 1,000 population)	2018	78.1	81.5	74.1	<b>C</b>
Care	Acute Care Inpatient Cases (age stnd. rate per 1,000 population aged 75+)	2018	291.9	285.0	255.3	• • • • • • • • • • • • • • • • • • • •
	Alternative Level of Care Cases (age stnd. rate per 1,000 population)	2018	3.7	1.8	1.1	• • • • • • •
	Alternative Level of Care Cases (age stnd. rate per 1,000 population 75+)	2018	33.8	18.8	13.7	• • • • • •
	Alternative Level of Care Days (age stnd. rate per 1,000 population)	2018	70.7	70.7	46.2	• • • • • • • • • • • • • • • • • • • •
	Alternative Level of Care Days (age stnd. rate per 1,000 population 75+)	2018	661.7	738.2	505.3	•
	Ambulatory Care Sensitive conditions (%)	2018		5.0	4.5	
	Ambulatory Care Sensitive conditions among population aged 75+ (%)	2018		10.2	8.7	• • • • •
	Medical Acute Care Utilization (case rate per 1,000 population)	2018	38.6	38.6	32.3	<b>6</b>
	Surgical Acute Care Utilization (case rate per 1,000 population)	2018	20.6	24.0	24.0	•••
	Maternity Acute Care Utilization (case rate per 1,000 population)	2018	10.2	9.9	10.6	
	Psychiatry (Dementia excluded) Acute Care Utilization (case rate per 1,000 population)	2018	7.6	7.6	6.1	•
	MRI Utilization - Island Health facilities only (rate per 1,000 population)	2016		32.1	37.2	•• •••••

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### Population and Demographics

#### Population and Population Projection

Average Age: BC Statistics, 2018 | Population Pyramid: BC Statistics - P.E.O.P.L.E. 2019 | Estimated Total Population - 2039: BC Statistics - P.E.O.P.L.E. 2019 | 10 Year Population Growth (%): BC Statistics - P.E.O.P.L.E. 2019 | Population aged 0-19 (%) - BC Statistics - P.E.O.P.L.E. 2019 | Population aged 20-44 (%) - BC Statistics - P.E.O.P.L.E. 2019 | Population aged 45-64 (%) - BC Statistics - P.E.O.P.L.E. 2019 | Population aged 65-74(%) - BC Statistics - P.E.O.P.L.E. 2019 | Population aged 65-74(%) - BC Statistics - P.E.O.P.L.E. 2019 | Percent growth of the 0-19 age group population in next 10 years - BC Statistics - P.E.O.P.L.E. 2019 | Percent growth of the 20-44 age group population in next 10 years - BC Statistics - P.E.O.P.L.E. 2019 | Percent growth of the 65-74 age group population in next 10 years - BC Statistics - P.E.O.P.L.E. 2019 | Percent growth of the 75+ age group population in next 10 years - BC Statistics - P.E.O.P.L.E. 2019

#### Age Demographics & Marital Status

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#### Migration and Immigrants

Immigrant population (%): Census, 2016 | Population migrating to area in the last 5 years (%): Census, 2016

### **Determinants of Health**

#### **Education & Employment**

Population aged 25 to 64 with post-secondary certificate, diploma or degree (%) - Census, 2016 | Grade 12 completion among students entering Grade 12 for the first time (%) (2yr Agg) - Ministry of Education, 2017 | Students completing high school within six years of enrollment in Grade 8 (%) (2yr Agg) - Ministry of Education, 2018 | Population aged 15 and over who are unemployed (%): Census, 2016

#### Health Behaviours

Alcohol consumption (litres of absolute alcohol sold per person, 1L=58 standard drinks)- AOD: CISUR, 2017

#### Household

Dwellings rated as needing major repairs by renter or owner (%) - Census, 2016 | Lone-parent family households (% of census families with children) - Census, 2016 | Private households that are owner-occupied (%) - Census, 2016 | Private households with 5 or more persons (%) - Census, 2016 | Private households with multiple families (%) - Census, 2016 | Households (owned) spending more than 30% of income on housing (%) - Census, 2016 | Households (rented) spending more than 30% of income on housing (%) - Census, 2016

### Income & Income Inequality

Median household total income (\$) - Census, 2016 | Median lone-parent family income (\$) - Census, 2016 | Difference in median income comparing males and females aged 15 and over - Census, 2016 | Households (owned) spending more than 30% of income on housing (%) - Census, 2016 | Households (rented) spending more than 30% of income on housing (%) - Census, 2016 | Low income based on after-tax low-income measure, ages 18 to 64 years (%) - Census, 2016 | Low income based on after-tax low-income measure, ages 65 years and over (%) - Census, 2016 | Low income based on after-tax low-income measure, ages less than 6 years (%) - Census, 2016 | Low income based on after-tax low-income measure, ages less than 18 years (%) - Census, 2016

### **Determinants of Health**

#### Morbidity

Alcohol-related hospitalizations (age-standardized rate per 100,000) - CISUR, 2016 | Cannabis-related hospitalizations (age-standardized rate per 100,000) - CISUR, 2016 | Opioid-related hospitalizations (age-standardized rate per 100,000) - CISUR, 2016 | Tobacco-related hospitalizations (age-standardized rate per 100,000) - CISUR, 2016

#### Transportation

Employed population aged 15 and over walking, biking or busing to work (%) - Census, 2016

#### Child Health

Child hospitalizations - Dental Surgery (rate per 1,000 aged 0 to 14) - (2yr Agg): Ministry of Health Health Ideas, 2016-2018 | Child Hospitalizations - Injury/Poisoning (rate per 1,000 aged 0 to 14) - (2yr Agg): Ministry of Health Health Ideas, 2016-2018 | Child hospitalizations - Respiratory Dis. (rate per 1,000 aged 0 to 14) - (2yr Agg): Ministry of Health Health Ideas, 2016-2018 | Child Mental Diseases & Disorders Hospitalizations (Indirect Age Standardized rate per 1,000 aged 0-14): Ministry of Health Health Ideas, 2018 | Child/Youth Mental Diseases & Disorders Hospitalizations (Indirect Age Standardized rate per 1,000 aged 15-24): Ministry of Health Health Ideas, 2018

#### Early Development

EDI: Kindergarten children rated as vulnerable for social development (%) - Early Development Instrument, 2016 | EDI: Kindergarten children rated as vulnerable for communication development (%) - Early Development Instrument, 2016 | EDI: Kindergarten children rated as vulnerable for emotional development (%) - Early Development Instrument, 2016 | EDI: Kindergarten children rated as vulnerable for language development (%) - Early Development Instrument, 2016 | EDI: Kindergarten children rated as vulnerable for physical development (%) - Early Development Instrument, 2016 | EDI: Kindergarten children rated as vulnerable on one or more domains (%) - Early Development Instrument, 2016 | EDI: Kindergarten children rated as vulnerable on one or more domains, excluding communication (%) - Early Development Instrument, 2016

### Protecting Children and Youth

Children and Youth in Care (rate per 1,000 children aged 0 to 18) - Ministry of Children and Family Development, 2018 | Children and Youth in Need of Protection (rate per 1,000 children aged 0 to 18) - Ministry of Children and Family Development, 2017

### **Health Status**

### Life Expectancy

Female Life Expectancy - BC Statistics, 2017 | Male Life Expectancy - BC Statistics, 2017 | Life Expectancy - BC Statistics, 2017

#### Deaths

Mortality (age-standardized rate per 10,000) - Vital Statistics, 2017 | Mortality due to unintentional injuries (age-standardized rate per 10,000) - Vital Statistics, 2017 | Alcohol-related deaths (age-standardized rate per 100,000) - CISUR, 2016 | Tobacco-related deaths (age-standardized rate per 100,000) - CISUR, 2016 | Illicit Drug Toxicity Deaths (crude rate per 100,000) - BC Coroner's Service, 2018

#### Health Matrix

Health Matrix: Healthy (%) - Blue Matrix and People, 2017 | Health Matrix: Adult (18+) Major Conditions (%) - Blue Matrix and People, 2017 | Health Matrix: Child and Youth (<18) Major Conditions (%) - Blue Matrix and People, 2017 | Health Matrix: Low Chronic Conditions (%) - Blue Matrix and People, 2017 | Health Matrix: Medium Chronic Conditions (%) - Blue Matrix and People, 2017 | Health Matrix: Severe Mental Health & Substance Use (%) - Blue Matrix and People, 2017 | Health Matrix: Maternity & Healthy Newborns (%) - Blue Matrix and People, 2017 | Health Matrix: Frail in Community (%) - Blue Matrix and People, 2017 | Health Matrix: High Chronic w/ Frailty (%) - Blue Matrix and People, 2017 | Health Matrix: Cancer (%) - Blue Matrix and People, 2017 | Health Matrix: Frail in Residential Care(%) - Blue Matrix and People, 2017 | Health Matrix: End of Life (%) - Blue Matrix and People, 2017

### **Health Status**

#### **Births**

Live Birth Rate (rate per 1,000 population) - Vital Statistics, 2017 | Stillbirths (rate per 1,000 births) - Vital Statistics, 2017 | Infant Mortality - deaths of infants under 1 year of age (rate per 1,000 live births) - Vital Statistics, 2017 | Low Weight Births - less than 2,500 grams (rate per 1,000 live births) - Vital Statistics, 2017 | Cesarean Sections (rate per 1,000 live births) - Vital Statistics, 2017 | Pre-term Births - gestational age less than 37 weeks (rate per 1,000 live births) - Vital Statistics, 2017 | Mothers under 20 - live births to mothers under 20 years of age (rate per 1,000 live births) - Vital Statistics, 2017 | Mothers 35 and over - live births to mothers aged 35 and over (rate per 1,000 live births) - Vital Statistics, 2017

#### Morbidity

Alzheimer's Disease and Other Dementia - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2018 | Asthma - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2018 | Chronic Kidney Disease - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2018 | Chronic Obstructive Pulmonary Disease - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2018 | Mood and Anxiety Disorders - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2018 | Depression - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2018 | Diabetes - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2018 | Hypertension - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2018 | Ischemic Heart Disease - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2018 | Osteoarthritis - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2018 | Episodic Depression - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2018 | Episodic Mood & Anxiety Disorders - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2018 | Schizophrenia & Delusional Disorders - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2018 | Schizophrenia & Delusional Disorders - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2018 | Schizophrenia & Delusional Disorders - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2018

#### **Complex Continuing Care**

Home Care Visits (rate per 1,000 population) - Island Health - Ideas, 2018 | Home Care Visits (rate per 1,000 population aged 75 and over) - Island Health - Ideas, 2017 | Long-Term Care Beds (rate per 1,000 population aged 75 and over) - Island Health - Ideas, 2018 | Home Care Clients (rate per 1,000 population) - Island Health - Ideas, 2017 | Home Care Clients (rate per 1,000 population aged 75 and over) - Island Health - Ideas, 2018 | Home Support Clients (rate per 1,000 population aged 75 and over) - Island Health - Ideas, 2018 | Home Support Hours (rate per 1,000 population) - Island Health - Ideas, 2018 | Home Support Hours (rate per 1,000 population) - Island Health - Ideas, 2018 | Home Support Hours (rate per 1,000 population) - Island Health - Ideas, 2018 | Home Support Hours (rate per 1,000 population) - Island Health - Ideas, 2018 | Home Support Hours (rate per 1,000 population) - Island Health - Ideas, 2018 | Home Support Hours (rate per 1,000 population) - Island Health - Ideas, 2018 | Home Support Hours (rate per 1,000 population) - Island Health - Ideas, 2018 | Home Support Hours (rate per 1,000 population) - Island Health - Ideas, 2018 | Home Support Hours (rate per 1,000 population) - Island Health - Ideas, 2018 | Home Support Hours (rate per 1,000 population) - Island Health - Ideas, 2018 | Home Support Hours (rate per 1,000 population) - Island Health - Ideas, 2018 | Home Support Hours (rate per 1,000 population) - Island Health - Ideas, 2018 | Home Support Hours (rate per 1,000 population) - Island Health - Ideas, 2018 | Home Support Hours (rate per 1,000 population) - Island Health - Ideas, 2018 | Home Support Hours (rate per 1,000 population) - Island Health - Ideas, 2018 | Home Support Hours (rate per 1,000 population) - Island Health - Ideas, 2018 | Home Support Hours (rate per 1,000 population) - Island Health - Ideas, 2018 | Home Support Hours (rate per 1,000 population) - Island Health - Ideas, 2018 | Home Support Hours (rate per 1,000 population) - Island Health - Ideas, 2018 | Home S

#### Emergency

Unscheduled Emergency Department or Urgent Care Centre visits (rate per 1,000 population) - Island Health - Ideas, 2018 | Emergency Visits with CTAS of 1, 2 or 3 (%) - Island Health - Ideas, 2017 | Unscheduled Emergency Department or Urgent Care Centre visits for 75+ (rate per 1,000 75+ population) - Island Health - Ideas, 2018 | Emergency Visits with CTAS of 1, 2 or 3 (%) for 75+ population - Island Health - Ideas, 2017

#### Hospital Day Care

Acute Care Day Cases (age-standardized rate per 1,000 population) - Ministry of Health Health Ideas,  $2018 \mid$  Acute Care Day Cases (age-standardized rate per 1,000 population aged 75 and over) - Ministry of Health Ideas,  $2018 \mid$  Acute Care Day Cases (age-standardized rate per 1,000 population aged 75 and over) - Ministry of Health Ideas,  $2018 \mid$  Acute Care Day Cases (age-standardized rate per 1,000 population aged 75 and over) - Ministry of Health Health Ideas,  $2018 \mid$  Acute Care Day Cases (age-standardized rate per 1,000 population aged 75 and over) - Ministry of Health Health Ideas,  $2018 \mid$  Acute Care Day Cases (age-standardized rate per 1,000 population aged 75 and over) - Ministry of Health Health Ideas,  $2018 \mid$  Acute Care Day Cases (age-standardized rate per 1,000 population aged 75 and over) - Ministry of Health Health Ideas,  $2018 \mid$  Acute Care Day Cases (age-standardized rate per 1,000 population aged 75 and over) - Ministry of Health Health Ideas,  $2018 \mid$  Acute Care Day Cases (age-standardized rate per 1,000 population aged 75 and over) - Ministry of Health Ideas,  $2018 \mid$  Acute Care Day Cases (age-standardized rate per 1,000 population aged 75 and over) - Ministry of Health Health Ideas,  $2018 \mid$  Acute Care Day Cases (age-standardized rate per 1,000 population aged 75 and over) - Ministry of Health Health Ideas,  $2018 \mid$  Acute Care Day Cases (age-standardized rate per 1,000 population aged 75 and over) - Ministry of Health Health Ideas,  $2018 \mid$  Acute Care Day Cases (age-standardized rate per 1,000 population aged 75 and over) - Ministry of Health Health Ideas,  $2018 \mid$  Acute Care Day Cases (age-standardized rate per 1,000 population aged 75 and over) - Ministry of Health Health Ideas,  $2018 \mid$  Acute Care Day Cases (age-standardized rate per 1,000 population aged 75 and over) - Ministry of Health Health Ideas,  $2018 \mid$  Acute Care Day Cases (age-standardized rate per 1,000 population aged 75 and over) - Ministry of Health Health Ideas,  $2018 \mid$  Acute Care Day Cases (age-standardized rate per 1,0

#### **Primary Care**

Population attached to physician at the practice level (%) - Ministry of Health, 2017

### **Health Status**

#### Potential Years of Life Lost

Accidental Falls - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2013-2017 | All Cause Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2013-2017 | Arteries, arterioles and capillaries - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2013-2017 | Cerebrovascular diseases - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2013-2017 | Chronic lower respiratory diseases - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2013-2017 | Circulatory system - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2013-2017 | Diabetes - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2013-2017 | Diseases of the digestive system - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2013-2017 | Diseases of the respiratory system - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2013-2017 | Endocrine, nutritional and metabolic diseases - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2013-2017 | Influenza and pneumonia - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2013-2017 | Ischemic heart diseases - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2013-2017 | Lung/tracheal Cancer -Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2013-2017 | Malignant neoplasms - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2013-2017 | Motor vehicle accidents - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2013-2017 | Suicide -Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2013-2017

#### **Hospital Inpatient Care**

Acute Care Inpatient Cases (age-standardized rate per 1,000 population) - Ministry of Health Health Ideas, 2018 | Acute Care Inpatient Cases (age-standardized rate per 1,000 population aged 75 and over) - Ministry of Health Health Ideas, 2018 | Alternative Level of Care Cases (age-standardized rate per 1,000 population) - Ministry of Health Health Ideas, 2018 | Alternative Level of Care Cases (age-standardized rate per 1,000 population aged 75 and over) - Ministry of Health Health Ideas, 2018 | Alternative Level of Care Days (age-standardized rate per 1,000 population) - Ministry of Health Health Ideas, 2018 | Alternative Level of Care Days (age-standardized rate per 1,000 population aged 75 and over) - Ministry of Health Health Ideas, 2018 | Ambulatory Care Sensitive conditions (%) - Island Health - Ideas, 2018 | Ambulatory Care Sensitive conditions among population aged 75+ (%) - Island Health - Ideas, 2018 | Medical Acute Care Utilization (case rate per 1,000 population) - Ministry of Health Health Ideas, 2018 | Maternity Acute Care Utilization (case rate per 1,000 population) - Ministry of Health Health Ideas, 2018 | Psychiatry (Dementia excluded) Acute Care Utilization (case rate per 1,000 population) - Ministry of Health Health Ideas, 2018 | MRI Utilization - Island Health facilities only (rate per 1,000 population) - Island Health, 2016