



Local Health Area Profile

Cowichan Valley West - 422

February 2025

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 the Population Health Assessment, Surveillance and Epidemiology (PHASE) team at pophealthsurvepi@islandhealth.ca



Acknowledgements

Before Canada and BC were formed, Indigenous peoples lived in balance and interconnectedness with the land and water in which the necessities of life are provided. Health disparities persist, which are due to the impacts of colonization and Indigenous-specific racism. Island Health acknowledges and recognizes these homelands and the stewardship of Indigenous peoples of this land; it is with humility we continue to work toward building our relationship.

Additionally, this report has been built through the work of several members of the Population and Public Health Unit at Island Health, in collaboration with multiple external data resources. Island Health would like to extend its gratitude to its contributors and those who have provided feedback and direction on the contents of this report.

For more information, please contact ISLH's PHASE Team:

Email:
pophealthsurvepi@islandhealth.ca

Website:

www.islandhealth.ca/about-us

This report serves as a contribution to delivering our vision of providing excellent health and care for everyone, everywhere, every time.



LHA Overview	5
Geography.....	6
Population and Demographics.....	7
Indicators & Data Reporting.....	9
Determinants of Health.....	10
Income and Employment	10
Education	11
Housing	12
Early Childhood Development.....	13
Healthy Behaviours and Built Environment.....	15
Health Status	16
Birth Statistics.....	16
Mortality Statistics.....	18
Chronic Disease.....	20
Mental Health & Substance Use.....	21
Health Service Use	23
Physician Attachment and Home-Care Visits	23
Acute Care Inpatient Cases	24
Ambulatory Care Sensitive Conditions.....	25
Emergency and Urgent Care Centre Visits.....	25
Additional Indicators and Data	26
Population and Demographics, Data Sources	41
Population and Population Projection.....	41

Age Demographics & Marital Status.....	41
Migration and Immigrants.....	41
Determinants of Health, Data Sources.....	42
Education & Employment	42
Health Behaviours.....	42
Household.....	42
Income & Income Inequality.....	42
Morbidity.....	42
Transportation.....	42
Child Health.....	43
Early Development.....	43
Protecting Children and Youth.....	43
Health Status, Data Sources	44
Life Expectancy	44
Deaths.....	44
Health Matrix.....	44
Births.....	44
Morbidity.....	44
Complex Continuing Care.....	45
Emergency	45
Hospital Day Care.....	45
Primary Care.....	45
Potential Years of Life Lost	45
Hospital Inpatient Care.....	46

LHA Overview

Geography

- ▶ LHA Geographic Overview
- ▶ Community Health Service Areas (CHSAs) within LHA

Population and Demographics

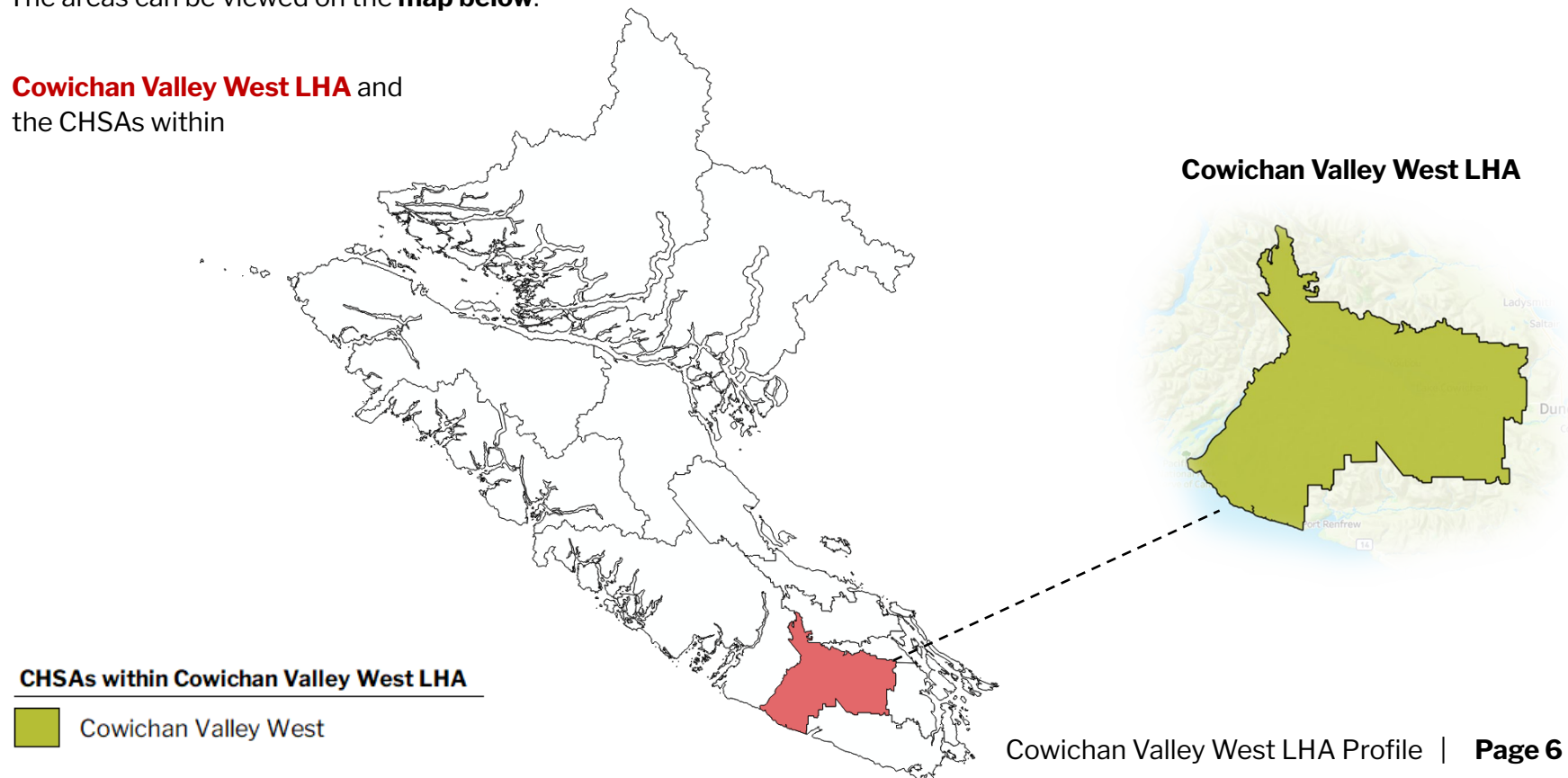
- ▶ Average Age
- ▶ Population Estimates

“To provide superior health care through innovation, teaching and research and a commitment to quality and safety—creating healthier, stronger communities and a better quality of life for those we touch.”

Geography

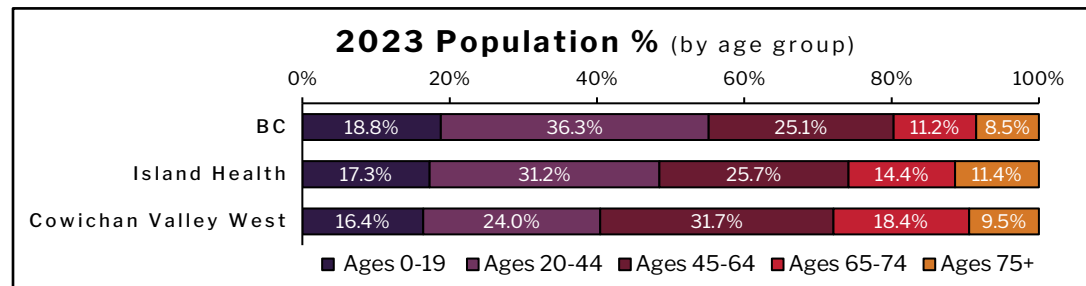
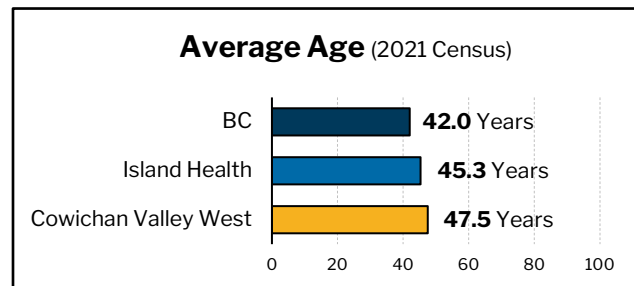
Cowichan Valley West Local Health Area (LHA) is one of 14 LHAs in Island Health and is located in Island Health's Central Health Service Delivery Area (HSDA). Situated in the southwest region of the Central HSDA, Cowichan Valley West covers approximately 2,390 square kilometers. It is home to two First Nation communities, Niitina?ath and Lake Cowichan. The Cowichan Valley West LHA includes following communities: Lake Cowichan, Youbou, Mesachie Lake, and Honeymoon Bay. It borders five other LHAs: Alberni-Clayoquot, Greater Nanaimo, Cowichan Valley North, Cowichan Valley South, and Western Communities. Cowichan Valley West is located on the Cowichan Valley Highway (Highway 18) and is approximately an hour and a half drive to either Victoria or Nanaimo. Cowichan Valley West is part of the Cowichan Valley Regional Transit System, with three routes within the region and one that provides service into Duncan. Cowichan Valley West also has a handyDART system. The Cowichan Valley West LHA is not further subdivided and is the same geographically as the Cowichan Valley West CHSA. The areas can be viewed on the **map below**:

Cowichan Valley West LHA and the CHSAs within

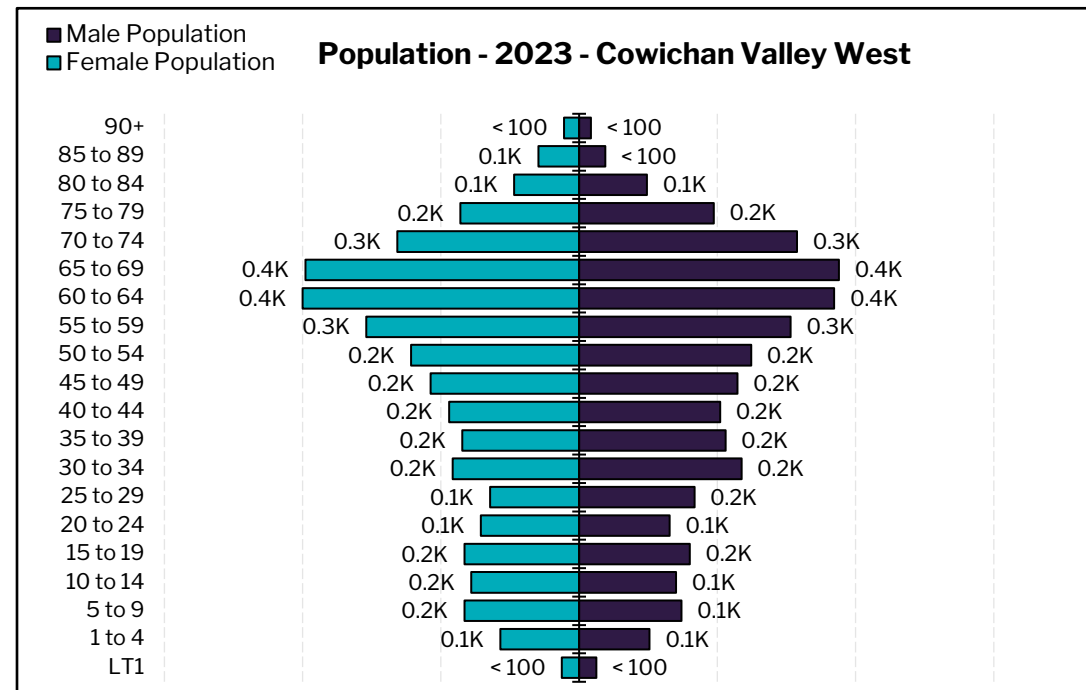


Population and Demographics

As of 2023, the Cowichan Valley West LHA represents 0.8% (7,326 people) of Island Health's total population of 908,627. According to the 2021 Census, 11.8% of people living in the Cowichan Valley West LHA identified themselves as Indigenous, compared to 7.8% across Island Health and 5.9% in BC. Additionally, 3.1% of people living in Cowichan Valley West area identified themselves as a visible minority, compared to 11.6% across Island Health and 34.4% in BC.

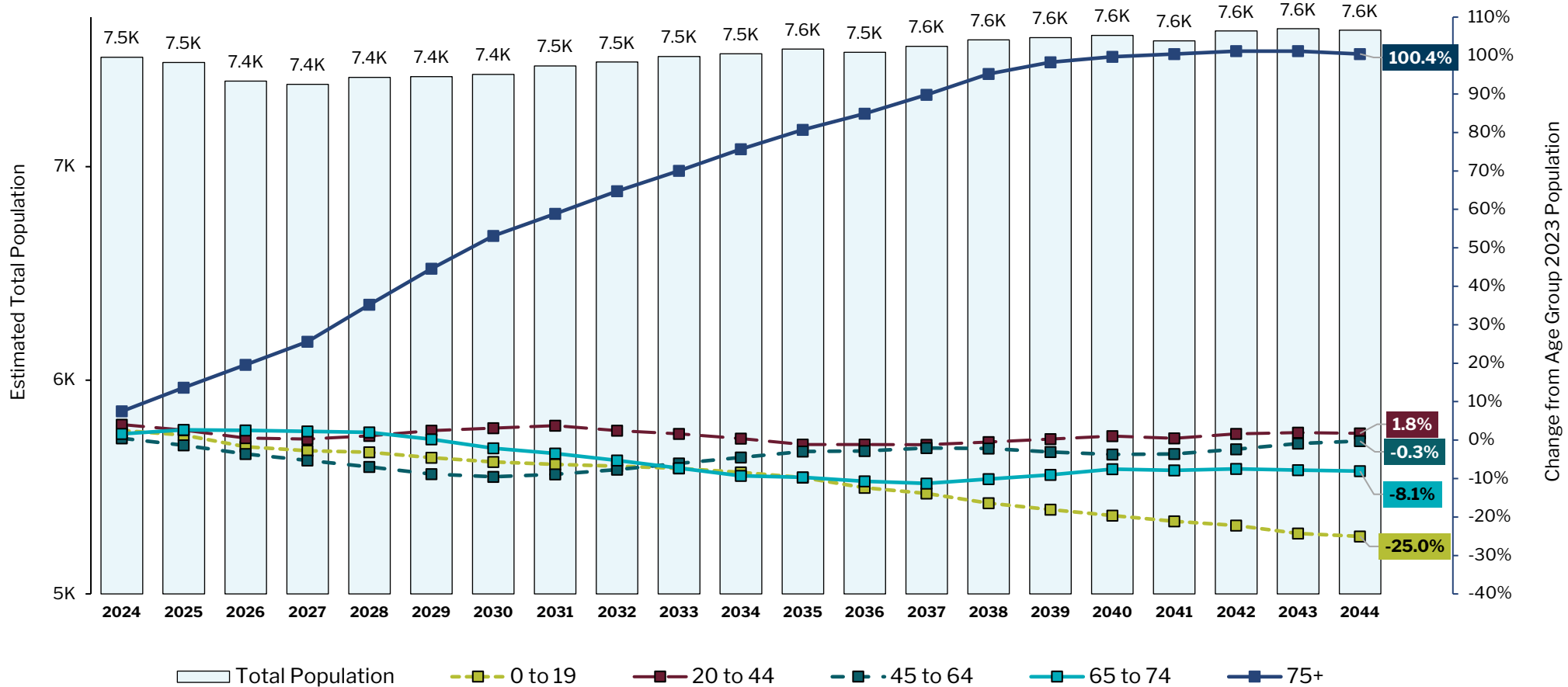


The population of Cowichan Valley West (47.5 years) is older than Island Health (45.3 years) and BC overall (42.0 years). The 45-64 age group makes up the largest proportion of the population at 31.7%, which is greater than both BC (25.1%) and Island Health (25.7%). Cowichan Valley West's population is estimated to increase by 2.2% by the year 2032; this is lower than Island Health (6.2% increase) and BC overall (9.6% increase). By the year 2044 the Cowichan Valley West population is estimated to grow to a total of 7.6 thousand people. The 65-74 age group is expected to decline over the next 20 years, while the 75+ population of Cowichan Valley West is expected to increase by 100.4%. By 2044 the 0-19 age group is projected to see a decline by 25.0%, and the 45-64 age group is



expected to fall by 0.3%. The chart below highlights the estimated total population projections along with change in age group population from 2023. See the Population and Demographics summary on page 27-28 for more information.

Cowichan Valley West Population Projections (2024 - 2044)



A vertical photograph on the left side of the page showing a rocky shoreline in the foreground, a blue body of water in the middle ground, and distant mountains under a blue sky with some clouds.

Indicators & Data Reporting

Determinants of Health

- ▶ Income and Employment
- ▶ Education
- ▶ Housing
- ▶ Early Childhood Development
- ▶ Healthy Behaviours and Built Environment

Health Status

- ▶ Birth Statistics
- ▶ Mortality Statistics
- ▶ Chronic Disease
- ▶ Mental Health & Substance Use

Health Service Use

- ▶ Physician Attachment and Home-Care Visits
- ▶ Acute Care Inpatient Cases
- ▶ Emergency and Urgent Care Centre Visits
- ▶ Ambulatory Care Sensitive Conditions

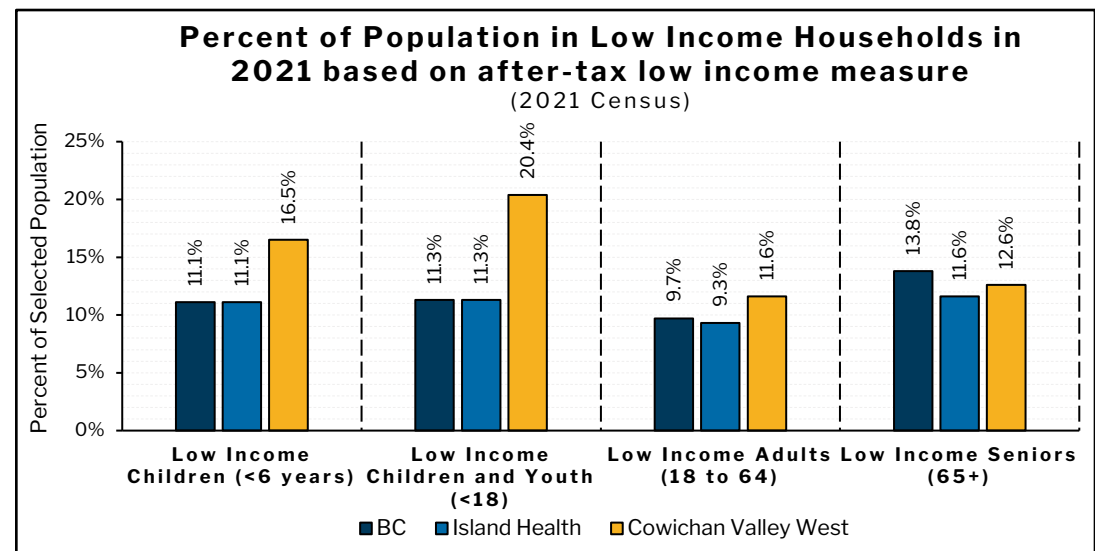
Determinants of Health

Access to adequate income, affordable housing, nutritious food, education, safe 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 Cowichan Valley West was \$70,000 in 2021, lower than Island Health (\$80,000) and BC (\$85,000).

The after-tax Low Income Measure (LIM-AT) is defined as the number of persons in households for which their adjusted¹ household income is 50% or less of the median income in Canada. In Cowichan Valley West, 16.5% of children <6 years and 20.4% of children and youth <18 years live in low-income households; these figures are notably higher than both Island Health and BC. Among working-age adults in Cowichan Valley West, 11.6% live in low-income households, also higher than Island Health and BC. The proportion is 12.6% among seniors in Cowichan Valley West, slightly higher than the Island Health average but lower than BC overall.



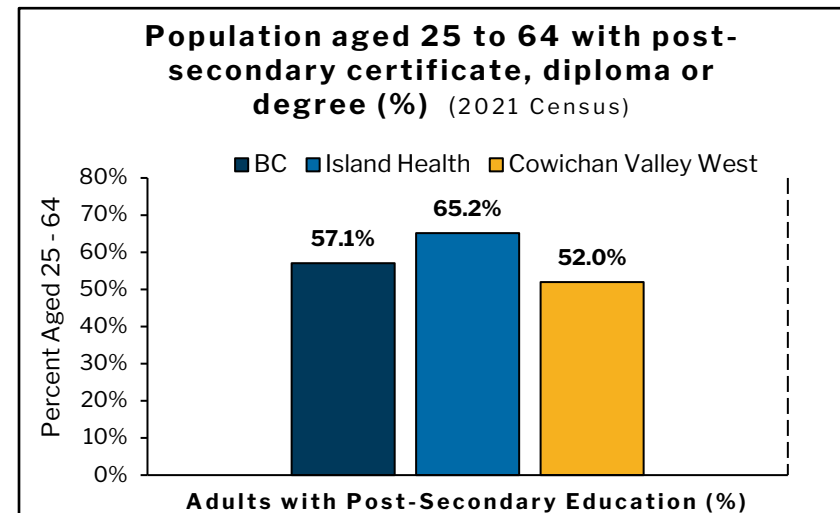
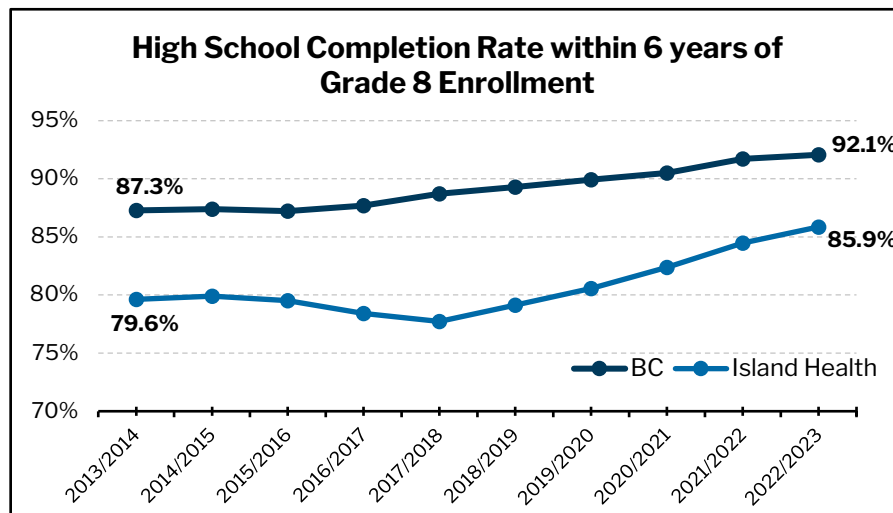
¹ "Adjusted" income is calculated using a formula that takes into account the number of persons in the home, in order to account for the needs of the household and its members when assessing low income.

The unemployment rate in Cowichan Valley West is higher than BC, and higher than Island Health (see page 29).

Education

High school completion rates for Island Health and BC have been steadily increasing over the last 10 years, reaching 85.9% for Island Health and 92.1% for BC overall in 2022/23. High school completion rates are not available for Cowichan Valley West specifically however the high school completion rate for the Cowichan Valley School District (SD 79), which encompasses Cowichan Valley West schools, was 84% in 2023/24.

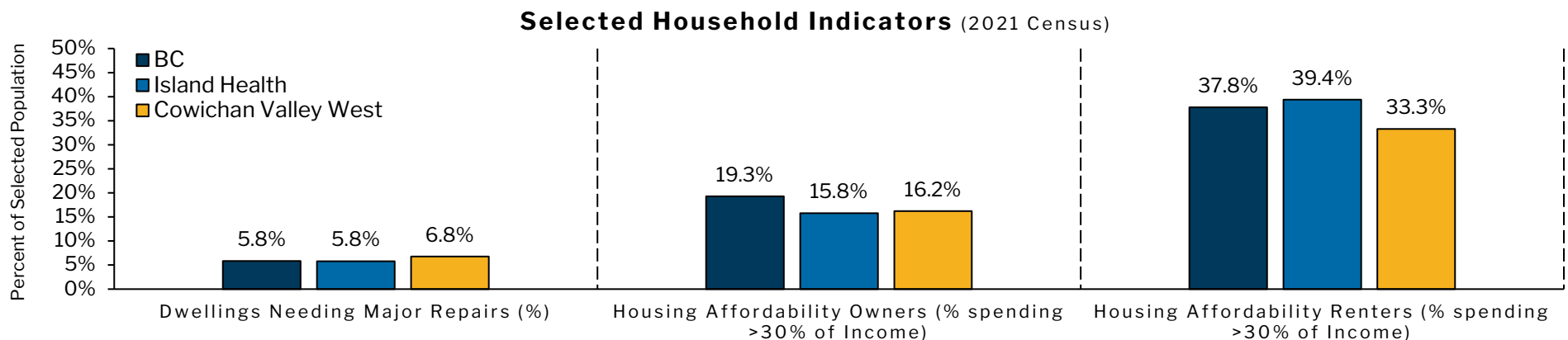
Census data from 2021 indicate that 52.0% of adults in Cowichan Valley West aged 25 to 64 years have completed some level of post-secondary education; this is lower than both Island Health and BC overall.



Housing

One way to measure the affordability of housing is to look at how much of a household's income is spent on shelter, the shelter-to-income ratio (STIR). Statistics Canada considers households with STIRs above 30% to be experiencing housing unaffordability. In Cowichan Valley West, 16.2% of owners and 33.3% of renters experience housing unaffordability. The proportion of owners spending above 30% of their income on housing in Cowichan Valley West is lower than in BC overall and comparable to Island Health. The proportion of renters experiencing housing unaffordability is lower compared to both Island Health and BC overall.

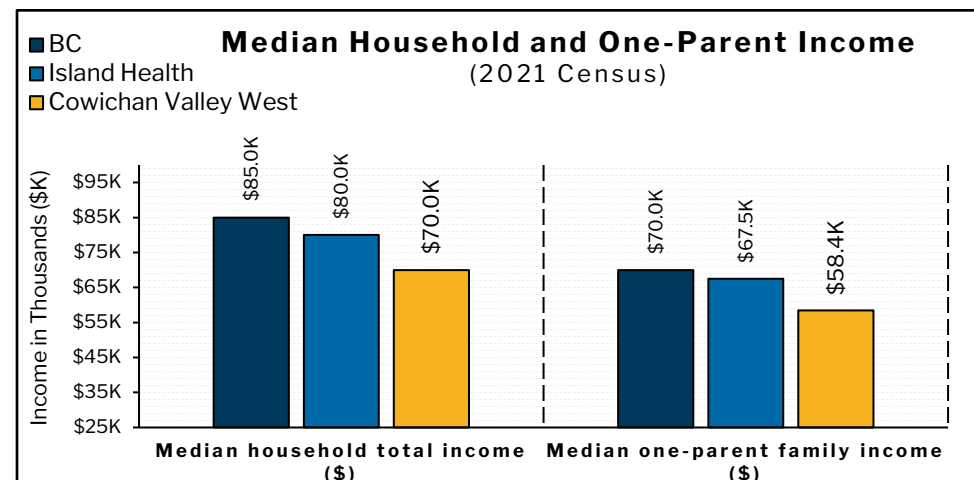
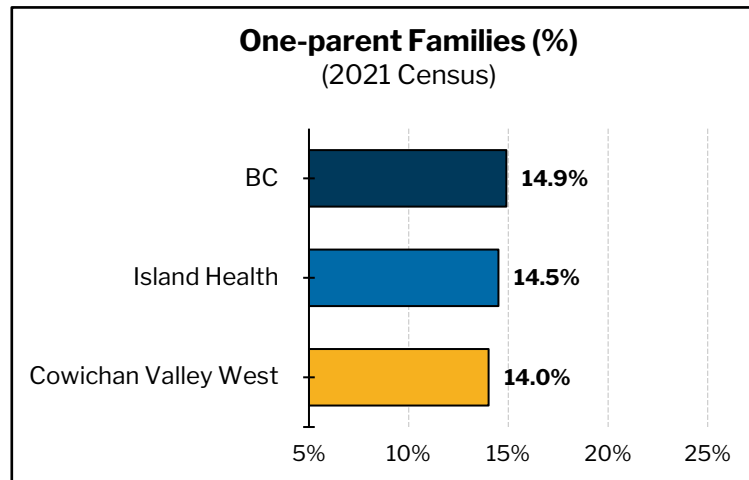
Another measure of housing suitability is households living in homes in need of major repairs, which include repairs to defective plumbing or electrical wiring, or structural repairs to walls, floors or ceilings. In Cowichan Valley West, 6.8% of households need major repairs, which is higher than in Island Health and BC overall (both 5.8%).



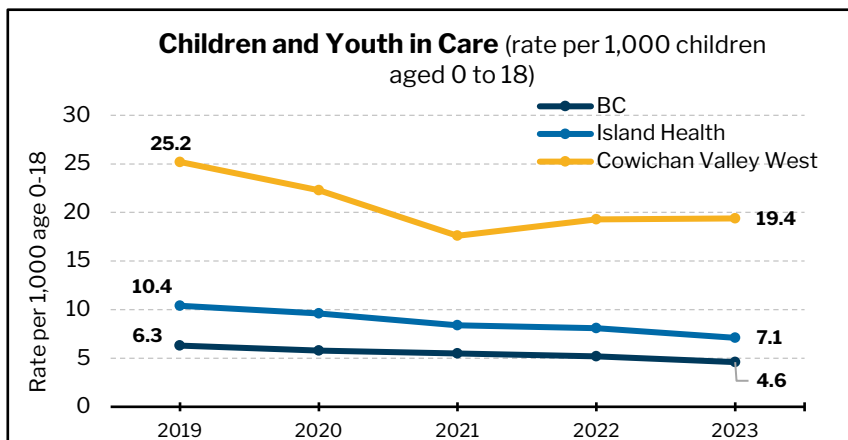
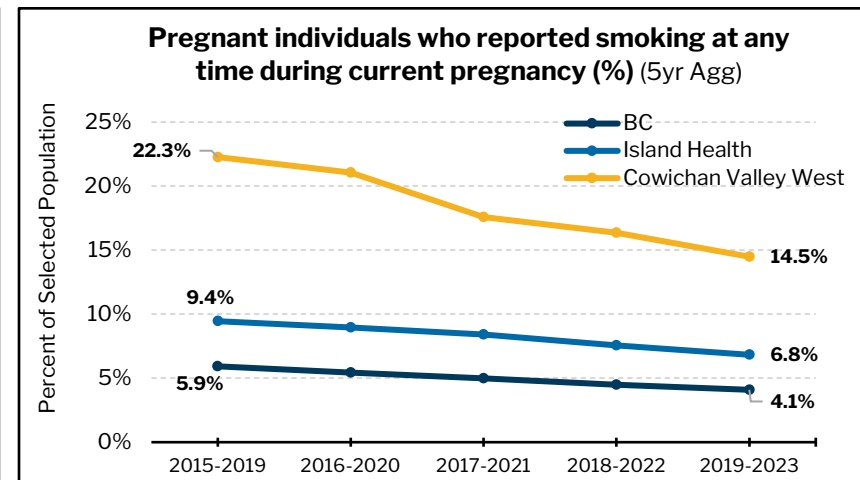
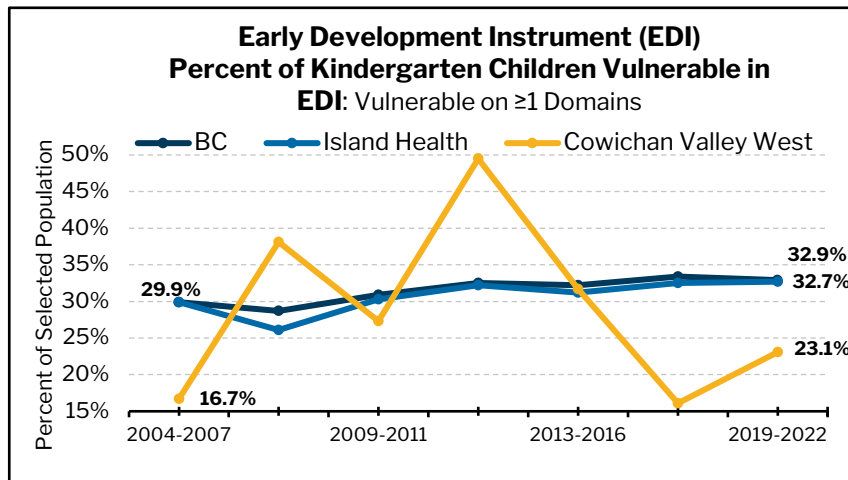
Early Childhood Development

Creating supportive and healthy environments where all children and youth can grow and thrive is critical to the health of the population. This includes supporting birthing persons during the pre- and post-natal period, supporting families during early development years, and supporting children and youth to grow, learn, and transition into adulthood. Socioeconomic factors, such as household income, also play important roles in supporting optimal childhood and youth development.

In Cowichan Valley West, 14.0% of all Census families are one-parent families, which is slightly lower than both Island Health and BC. The median household income in Cowichan Valley West is \$70.0K, lower than both Island Health (\$80.0K) and BC (\$85.0K). Similarly, the median one-parent family income in Cowichan Valley West is \$58.4K, lower than Island Health (\$67.5K) and BC (\$70.0K).



The Early Development Instrument (EDI) is used to measure vulnerability among 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. In Cowichan Valley West, levels of vulnerability for kindergarten children have varied substantially over the past 2 decades; the most recent value is 23.1% in the 2019-2022 data collection period, significantly lower than the high of 49.5% in 2011-2013 and lower compared to Island Health and BC.



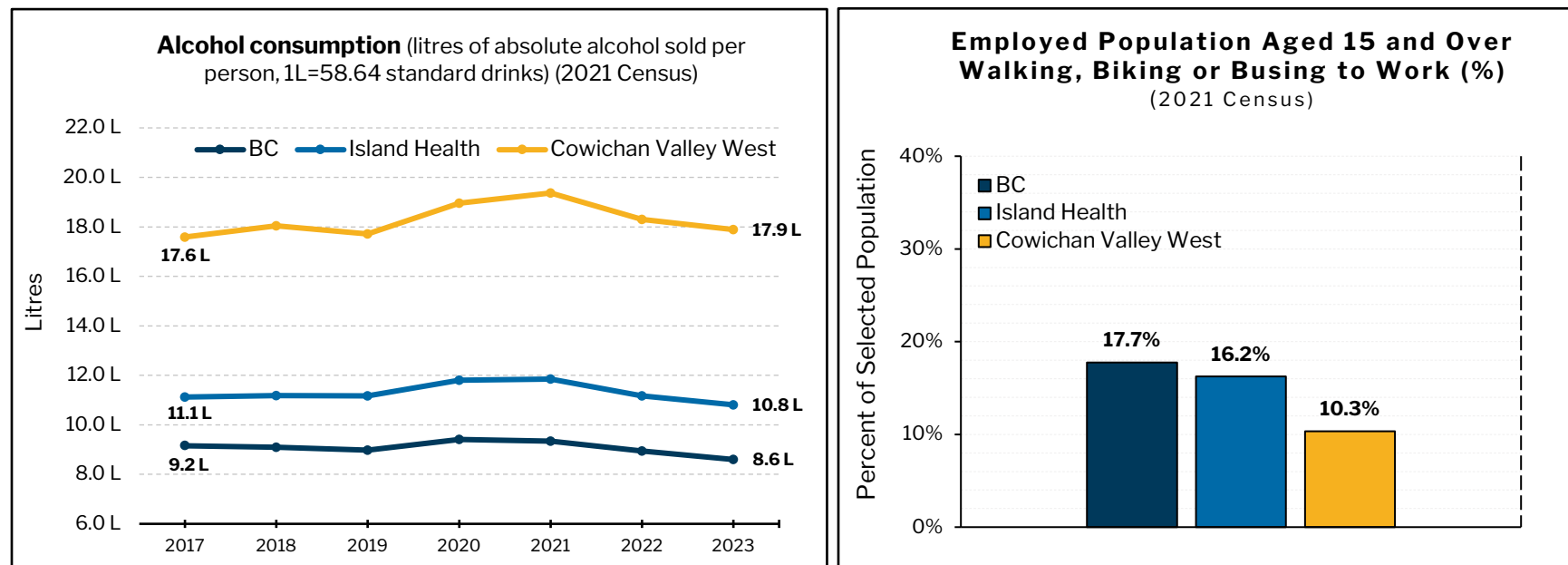
Smoking during pregnancy has demonstrated negative effects for both the pregnant individual and baby. Overall, rates of smoking during pregnancy have decreased, with 14.5% of pregnant individuals in Cowichan Valley West reporting smoking in 2019-2023, higher than Island Health and BC.

Rates of children and youth in care have decreased since 2019 with a rate of 19.4 per 1,000 children aged 0-18 years in Cowichan Valley West in 2023; rates have been consistently higher than Island Health and BC. See the Determinants of Health summary on pages 29 - 32 for more information.

Healthy Behaviours and Built Environment

Supporting healthy behaviours such as healthy eating, exercise, not smoking, reducing alcohol consumption, and maintaining social connections contributes to population health. Many healthy behaviour indicators are available through the Canadian Community Health Survey (CCHS) but not all the data are available at the LHA level. Among available LHA-level data, average annual per capita alcohol sales, an indicator of overall alcohol consumption, is higher in Cowichan Valley West at 17.9L, compared to Island Health and BC.

A smaller proportion of the employed population in Cowichan Valley West report taking sustainable transportation (walking, biking or busing) to work compared to BC and Island Health.



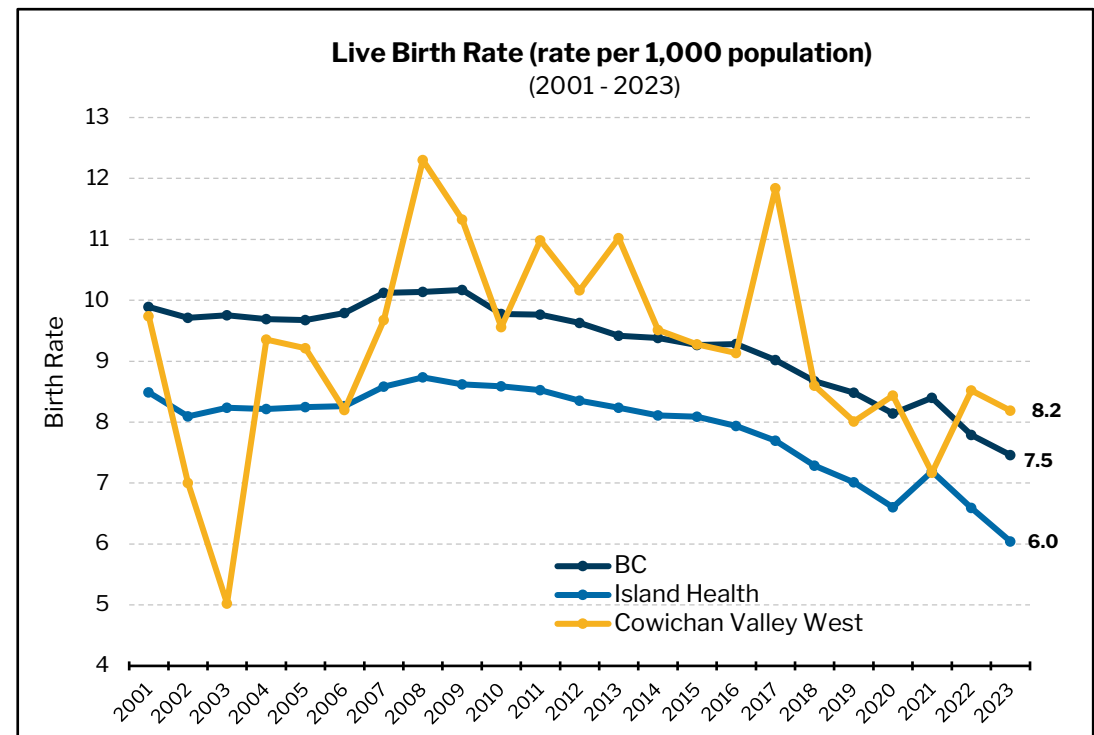
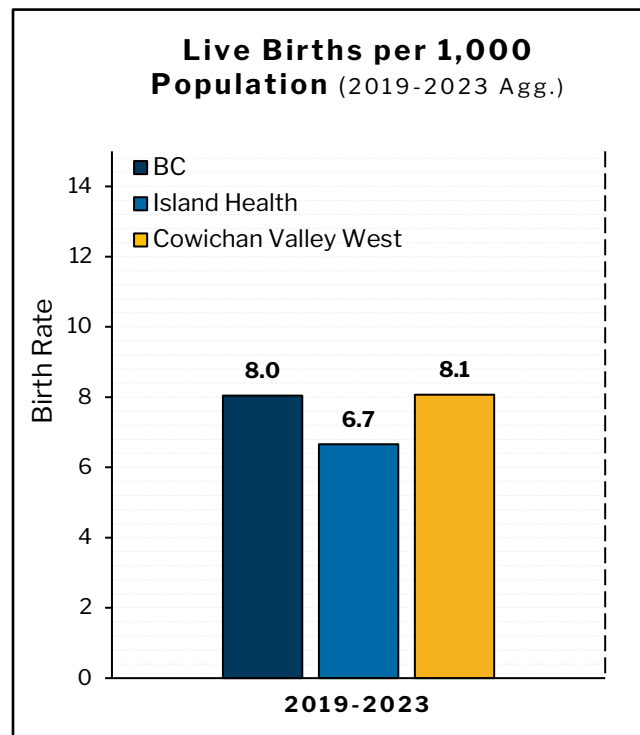
See the Determinants of Health summary on pages 29 - 32 for more information.

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.

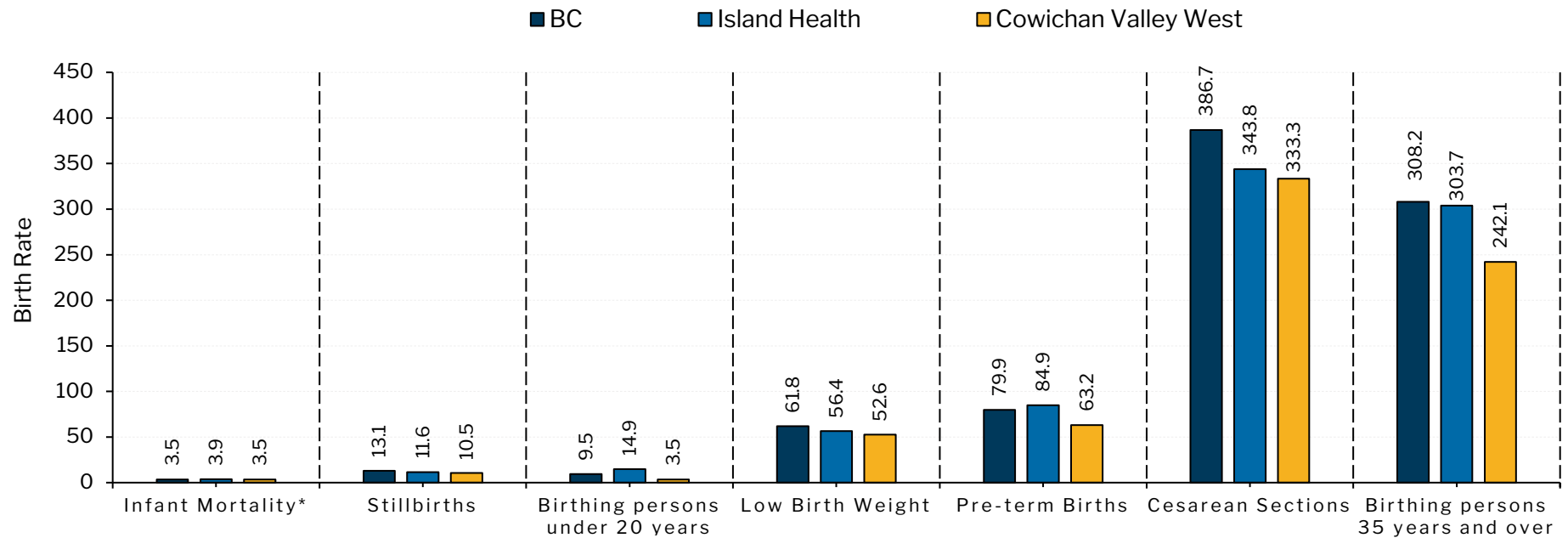
Birth Statistics

The overall birth rate for Cowichan Valley West in the 2019-2023 reporting period is 8.1 live births per 1,000 population. This is similar to the BC rate, and higher than the Island Health rate. There has been a general decline in the live birth rate across Cowichan Valley West, Island Health and BC since 2011.



The rate of birthing persons under 20 years old in Cowichan Valley West is 3.5 per 1,000 live births while the rate of birthing persons 35 years and older is 242.1. In both cases, these rates are lower than Island Health and BC overall. Similarly, the rates of low birth weight babies (52.6 per 1,000 live births) and pre-term births (63.2 per 1,000 live births) are lower for Cowichan Valley West than for Island Health and BC overall.

Birth Statistics, Per 1,000 Live Births (2019-2023 Agg.)



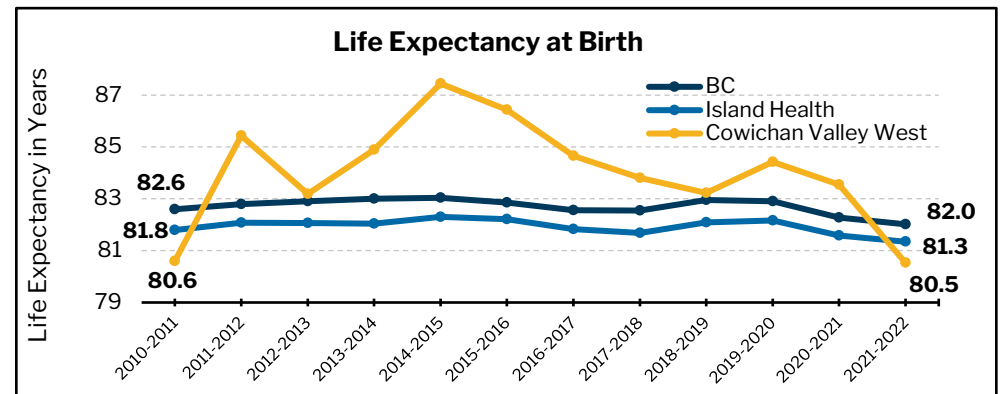
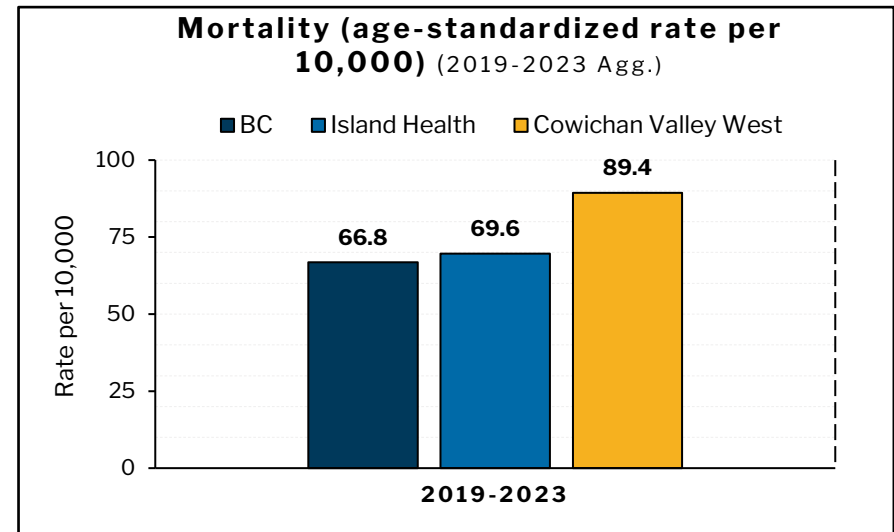
* It is important to note that caution should be exercised when dealing with a small number of cases as an increase or decrease may indicate random variation rather than a significant change in rates.

Mortality Statistics

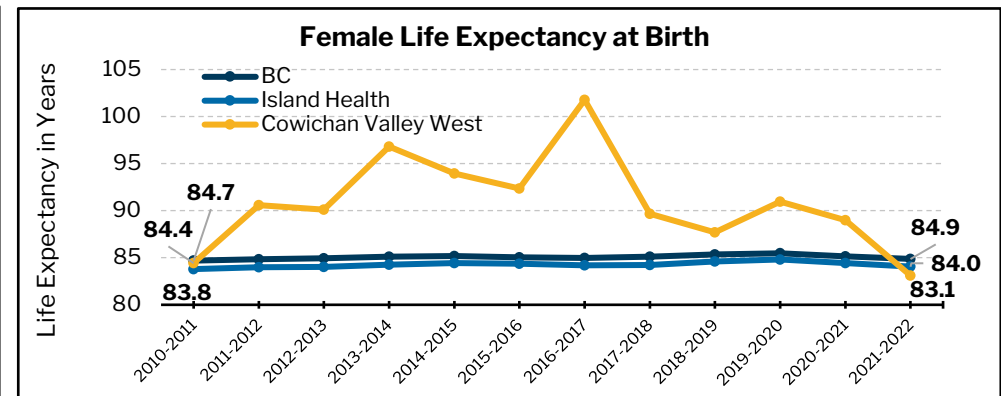
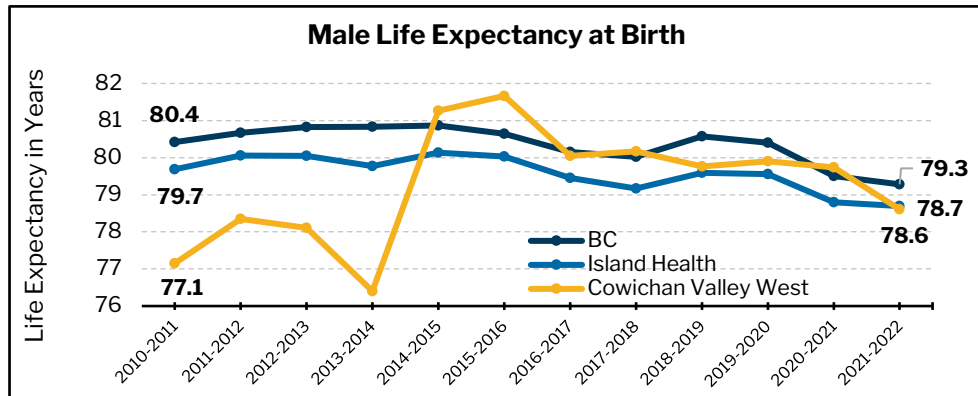
Mortality rates have substantially increased in Cowichan Valley West from 64.1 per 10,000 in 2013-2017 to 89.4 per 10,000 in years 2019-2023. The age standardized all-cause mortality rate per 10,000 in Cowichan Valley West is higher than Island Health (69.6) and BC (66.8).

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 age standardized all-cause PYLL in Cowichan Valley West is 68.8 years lost per 1,000 population, higher than both Island Health (58.3) and BC overall (52.3). The largest contributors to PYLL in Cowichan Valley West are malignant neoplasms, circulatory system diseases, diseases of the respiratory system, and motor vehicle crashes. Of these leading causes of PYLL, rates for diseases of the respiratory system, and motor vehicle crashes are notably higher than Island Health and BC. A complete list of PYLL by cause can be found on page 38.

Life expectancy at birth in Cowichan Valley West is 80.5 years as of 2021-2022, this is lower than the life expectancy for both Island Health (81.3 years) and BC (82.0 years). After increasing between 2010-2011 and 2014-15, life expectancy in Cowichan Valley West has seen a decreasing trend in recent years.



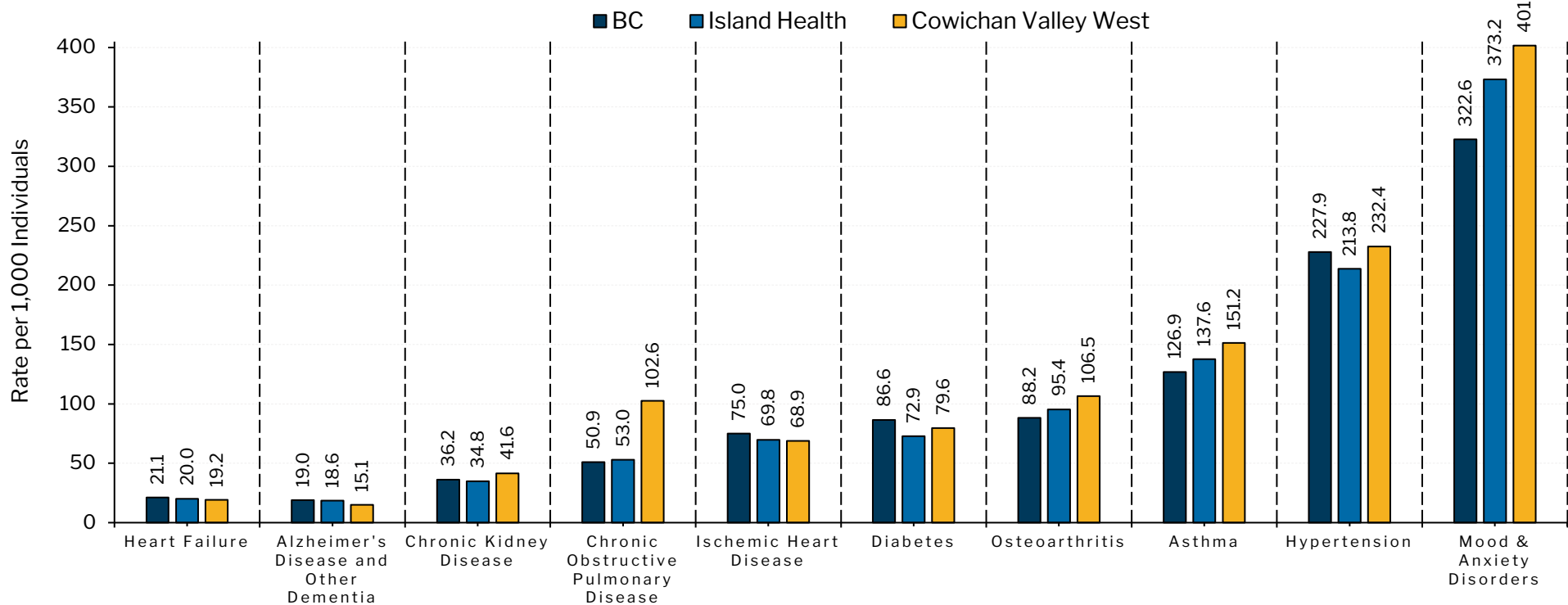
The life expectancy at birth in 2021-2022 for Cowichan Valley West was higher for females (83.1 years) than males (78.6 years). For males, life expectancy is similar to Island Health (78.7 years) and lower than BC (79.3 years) as well as for females, Island Health (84.0 years) and BC (84.9 years).



Chronic Disease

Among chronic diseases, prevalence rates for Cowichan Valley West are generally higher or comparable to Island Health and BC overall, with the exception of Ischemic Heart Disease and Alzheimer's Disease and Other Dementia which are lower than Island Health and BC and Diabetes which is higher than Island Health but lower than BC. Prevalence rates for mood and anxiety disorders, chronic obstructive pulmonary disease, osteoarthritis, and asthma are higher in Cowichan Valley West compared to both Island Health and BC overall. See the Health Status summary on pages 33 - 36 for more information.

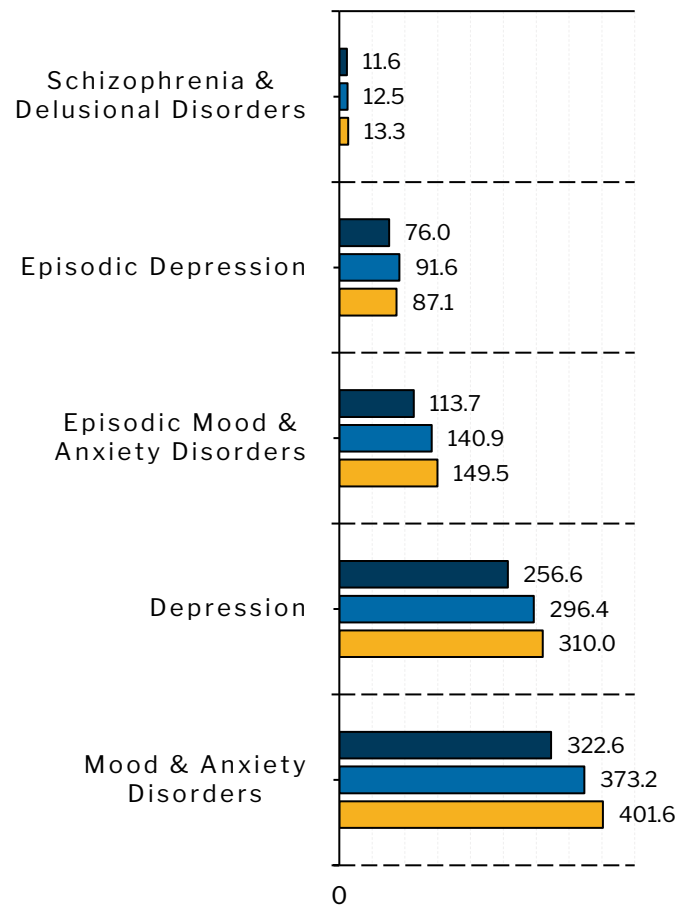
Chronic Disease Age Standardized Prevalence in 2022/23 Per 1,000 Individuals



Mental Health & Substance Use

Mental Health Disorders Age Standardized Prevalence per 1,000 Individual, 2022/23

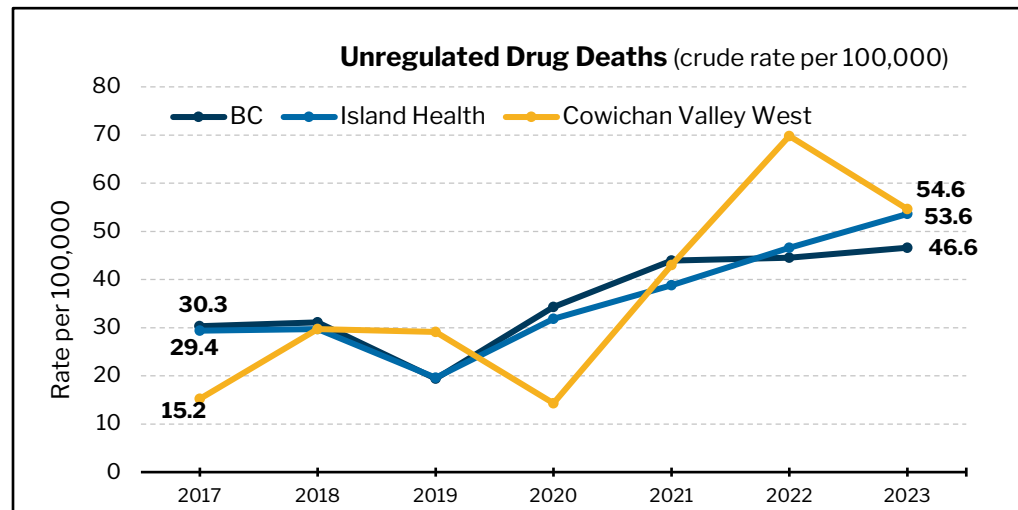
■ BC ■ Island Health ■ Cowichan Valley West



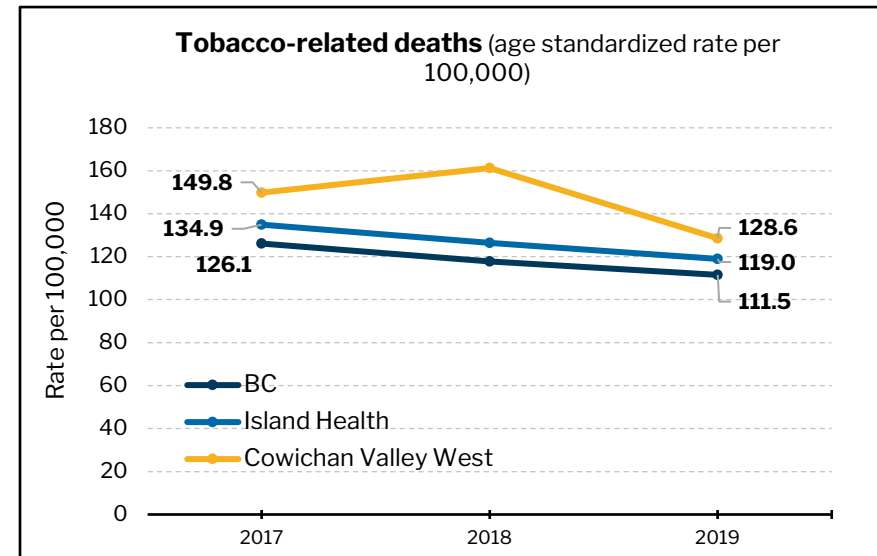
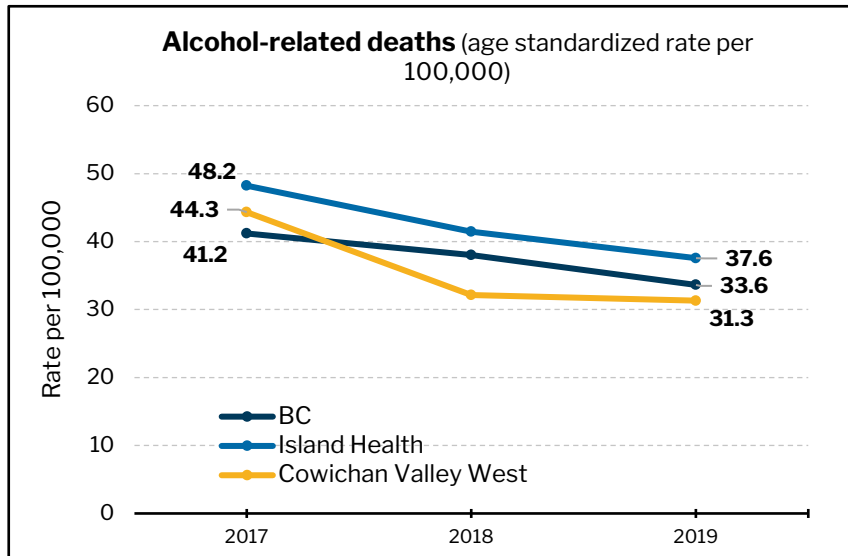
The most common mental health disorder in Cowichan Valley West is mood and anxiety disorders, at a rate of 401.6 per 1,000 individuals, followed by depression at 310 per 1,000 individuals, these rates are higher than Island Health and BC.

Since 2020, unregulated drug deaths have increased in Cowichan Valley West, following a similar pattern of increase observed in Island Health and BC.

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



Alcohol-related deaths dropped in Cowichan Valley West between 2017 and 2019; they fell from 44.3 per 100,000 deaths to 31.3 in 2019 (lower than either Island Health or BC). Tobacco-related deaths also fell over that same period, from 149.8 to 128.6 per 100,000 deaths but remain higher than Island Health and BC. The indicators directly below have deaths that are partially or entirely attributed to the substance being measured; for more details visit <http://aodtool.cfar.uvic.ca/aod/about.php>. Also, see hospitalization rates on page 30.



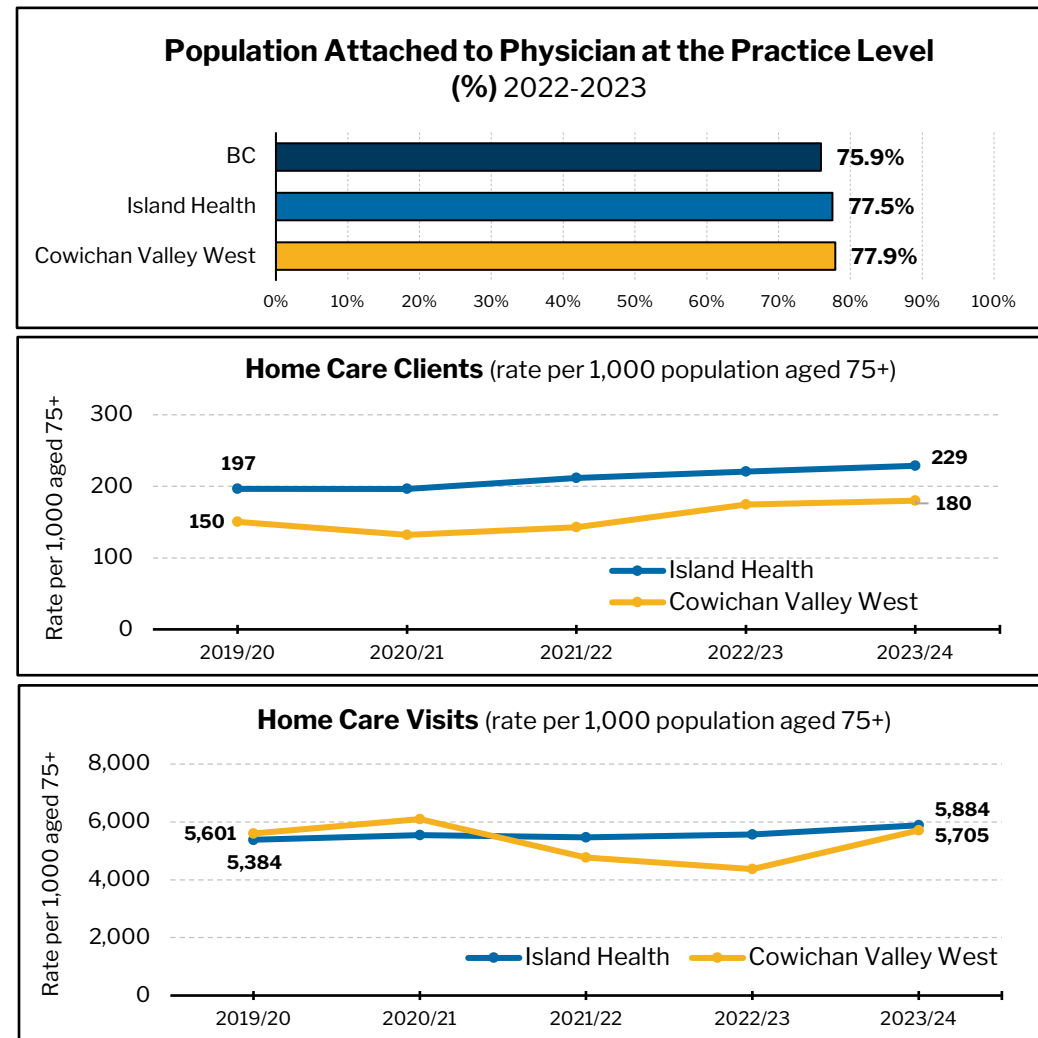
Health Service Use

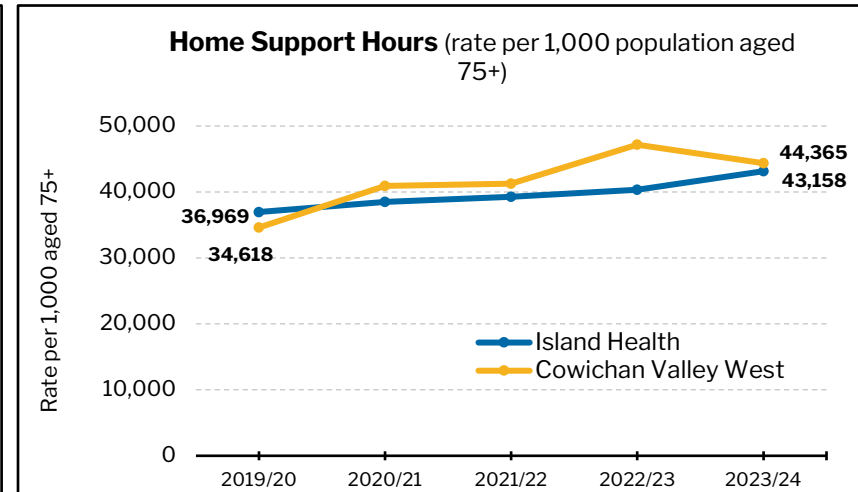
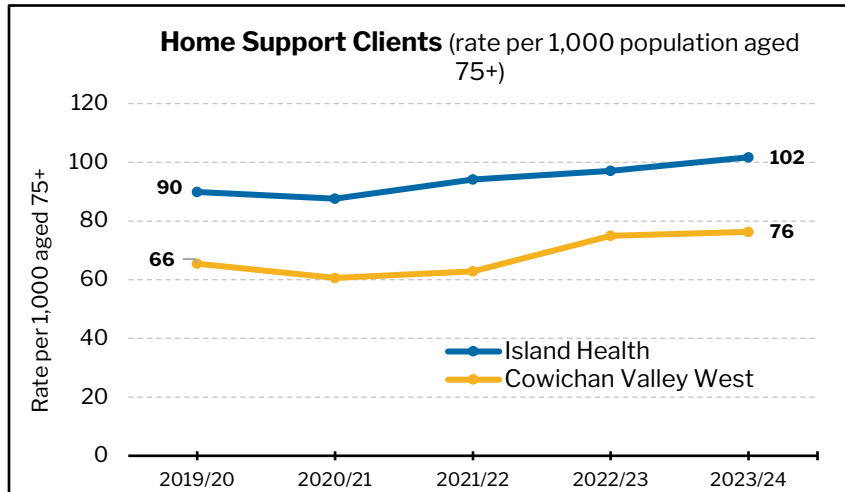
Physician Attachment and Home-Care Visits

Access to primary care services plays an important role in decreasing the use of emergency department and inpatient services. The population attached to a physician 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. In Cowichan Valley West, 77.9% of the population has a physician at the practice level. This is similar to Island Health (77.5%) and higher than BC overall (75.9%).

Since 2019/20, the rate of home care clients has increased from 150 to 180 per 1,000 population aged 75+. At the same time, the rate of home care visits has also increased from 5,601 to 5,705 per 1,000 population aged 75+. This is similar to the pattern of increase observed for Island Health over the same time period.

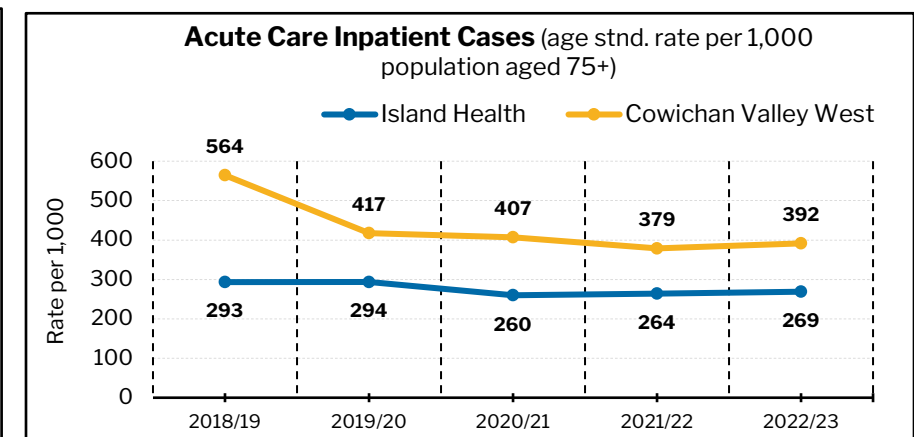
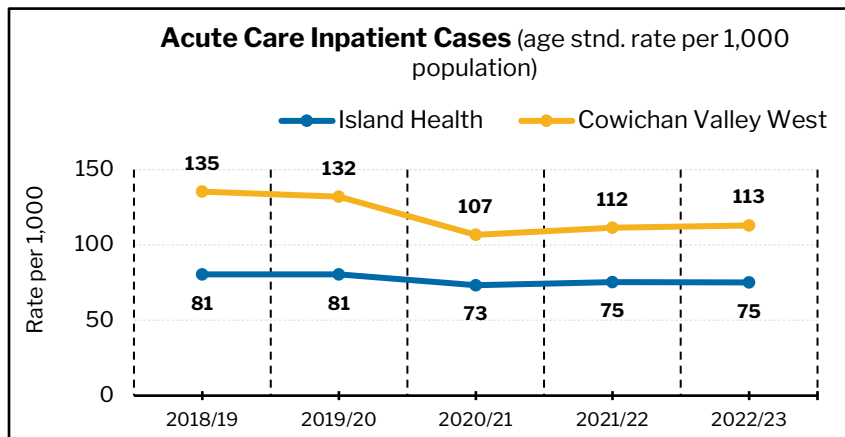
Similarly, the rates of home support client and home support clients have also increased between 2019/20 and 2023/24. Rates of home support clients remained below Island Health and home support hours remained above Island Health. See Health Service Use summary on pages 39 - 40 more information on these topics.





Acute Care Inpatient Cases

The age standardized hospitalization rate (inpatient admissions) for the Cowichan Valley West was 113 per 1,000 population; this is higher than Island Health overall. Similarly, when looking only at individuals over the age of 75, the age-standardized rate per 1,000 is higher in Cowichan Valley West at 392 compared to Island Health overall.



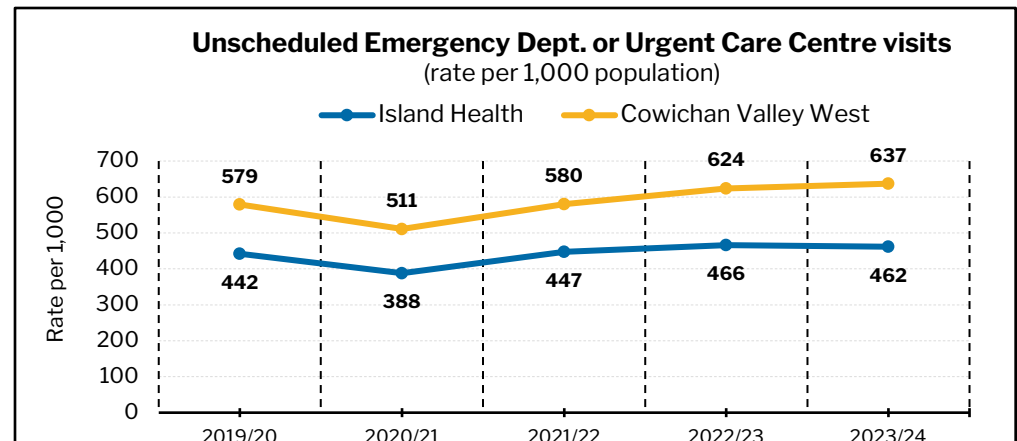
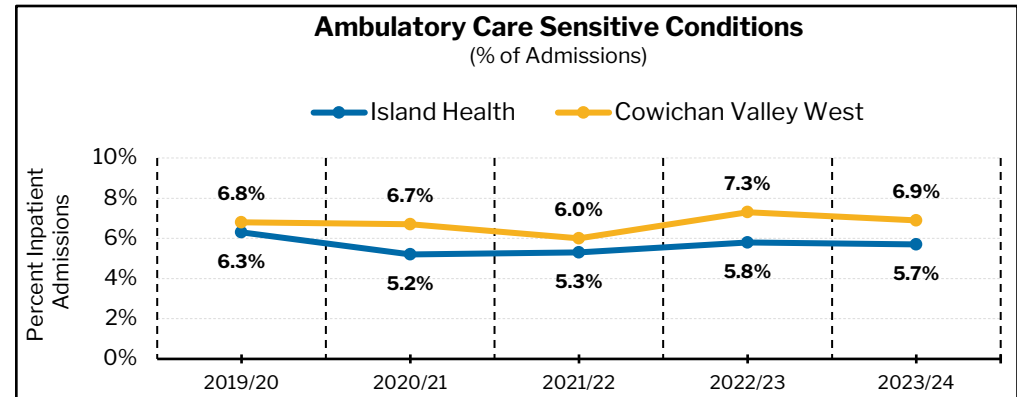
Ambulatory Care Sensitive Conditions

Ambulatory Care Sensitive Conditions (ACSCs) are conditions that can be treated in the community if services are available and would not necessarily require hospitalization. Tracking the percentage of hospital admissions due to ACSCs can provide an indicator of access to primary or other non-urgent care.

In Cowichan Valley West, 6.9% of admissions in 2023/24 were attributable to ACSCs. This is higher to Island Health overall at 5.7%

Emergency and Urgent Care Centre Visits

Emergency/urgent care visit rates in Cowichan Valley West reached a five-year high in 2023/24, at 637 per 1,000 population. This is higher than for Island Health overall at 462 visits per 1,000 population. See the Health Service Use summary on pages 39 - 40 for more information on these topics.



Additional Indicators and Data

The tables below compare various indicators for this Local Health Area (LHA) with those of Island Health, British Columbia, and other LHAs within Island Health.

LHAs referenced in the below data tables include 411: Greater Victoria, 412: Western Communities, 413: Saanich Peninsula, 414: Southern Gulf Islands, 421: Cowichan Valley South, **422: Cowichan Valley West**, 423: Cowichan Valley North, 424: Greater Nanaimo, 425: Oceanside, 426: Alberni/Clayoquot, 431: Comox Valley, 432: Greater Campbell River, 433: Vancouver Island West, and 434: Vancouver Island North. These will be referred to numerically in the tables.

The LHA profile covered by this report is highlighted in yellow in the tables.

Population and Demographics Summary

LHAs																	
				South Island HSDA				Central Island HSDA						North Island HSDA			
Indicator Description	Time Period	BC	Island Health	411	412	413	414	421	422	423	424	425	426	431	432	433	434
Population and Population Projection																	
10-year population growth (%)	2023 - 2032	9.6	6.2	1.4	26.7	-0.4	6.2	3.4	2.2	4.3	7.9	6.2	1.2	6.6	4.3	-8.0	-11.0
Population aged 0-19 (%)	2023	18.8	17.3	15.1	21.0	16.0	13.8	20.0	16.4	17.0	18.3	12.5	19.9	18.3	18.5	18.7	19.1
Population aged 20-44 (%)	2023	36.3	31.2	38.0	36.7	25.0	21.4	27.4	24.0	31.3	18.8	30.8		27.2	28.2	23.9	25.7
Population aged 45-64 (%)	2023	25.1	25.7	24.3	25.6	25.8	28.3	27.2	31.7	26.5	25.4	26.8	25.7	26.3	26.2	29.3	28.2
Population aged 65-74 (%)	2023	11.2	14.4	12.2	10.3	16.9	21.9	14.7	18.4	18.3	13.9	22.5	13.8	15.5	16.2	18.2	17.7
Population aged 75 and over (%)	2023	8.5	11.4	10.5	6.4	16.2	14.7	10.8	9.5	14.2	11.0	19.4	9.9	12.7	10.9	9.9	9.2
Percent growth of the 0-19 age group population in next 10 years	2023 - 2032	-3.4	-6.0	-9.7	10.0	-5.6	-4.1	-10.2	-6.7	-2.5	-6.6	-8.0	-12.4	-2.8	-13.8	-33.7	-35.6
Percent growth of the 20-44 age group population in next 10 years	2023 - 2032	9.3	4.1	-5.5	28.1	0.0	21.8	4.6	2.5	9.2	3.3	4.1	3.2	6.1	5.3	2.5	-19.5
Percent growth of the 45-64 age group population in next 10 years	2023 - 2032	6.7	4.0	6.4	25.1	-6.9	3.0	-6.3	-7.7	-8.5	9.5	-5.2	-2.5	2.9	-0.8	-38.7	-28.2
Percent growth of the 65-74 age group population in next 10 years	2023 - 2032	10.4	-0.5	-5.3	30.7	-12.7	-14.5	3.9	-5.3	-6.7	4.1	-1.9	-5.1	-1.5	-6.7	15.7	3.9
Percent growth of the 75+ age group population in next 10 years	2023 - 2032	47.6	43.7	38.8	73.4	27.2	30.1	49.9	64.7	42.2	46.1	42.6	40.7	38.7	61.2	63.3	87.1
Average age (years)	2023	42.0	45.3	43.9	40.4	49.1	51.5	45.0	47.5	48.6	44.6	53.9	43.7	46.4	45.6	46.6	45.7

Population and Demographics Summary Cont'd

LHAs																	
				South Island HSDA				Central Island HSDA						North Island HSDA			
Indicator Description	Time Period	BC	Island Health	411	412	413	414	421	422	423	424	425	426	431	432	433	434
Age and Demographics																	
Median age of population (years)	2021	42.8	48.0	43.6	41.2	55.2	58.4	48.8	53.6	55.2	46.4	60.8	46.4	50.8	49.2	52.4	45.2
Population where language spoken most often at home is not English or French (%)	2021	10.2	2.3	4.2	2.0	2.3	0.8	1.0	0.3	0.6	2.4	0.7	1.1	1.1	1.0	0.0	0.7
Visible minority population (%)	2021	34.4	11.6	20.1	11.8	11.6	5.1	6.4	3.1	4.1	11.9	4.1	4.9	5.7	5.1	2.5	4.6
Population in private households with Indigenous Identity (%)	2021	5.9	7.8	4.5	6.1	5.3	3.7	12.5	11.8	13.0	8.5	4.5	19.6	7.3	12.1	27.6	29.8
Marital Status																	
Population aged 15 and over who are married (%)	2021	47.5	45.5	39.3	47.9	54.9	47.1	48.3	46.8	50.1	44.1	54.8	41.1	48.3	46.8	39.4	38.3
Population aged 15 and over who are common-law (%)	2021	10.0	12.4	12.3	13.5	9.1	14.4	12.0	14.2	12.5	12.4	11.2	14.4	12.7	13.3	18.0	17.1
Population aged 15 and over who are single, never married (%)	2021	28.1	25.3	31.8	24.5	19.9	19.4	23.1	22.0	19.4	25.9	15.9	26.7	21.7	22.7	23.7	27.5
Population aged 15 and over who are widowed (%)	2021	5.5	6.3	5.5	4.5	7.6	6.9	6.3	6.3	7.7	6.5	8.2	6.8	6.8	6.5	6.5	6.2
Population aged 15 and over who are separated or divorced (%)	2021	11.6	14.3	13.9	13.5	12.2	17.6	14.4	16.3	15.0	14.9	14.9	14.8	15.0	15.5	18.3	15.7
Migration and Immigrants																	
Immigrant population (%)	2021	29.0	16.0	20.6	14.2	19.5	21.6	12.3	7.6	12.4	15.5	16.5	9.1	12.7	11.0	8.4	9.1
Population migrating to area in the last 5 years (%)	2021	43.8	44.2	45.6	50.3	36.5	42.8	40.2	43.2	38.6	46.5	42.1	44.0	44.3	42.7	43.1	41.5

Determinants of Health Summary																	
				LHAs													
				South Island HSDA				Central Island HSDA						North Island HSDA			
Indicator Description	Time Period	BC	Island Health	411	412	413	414	421	422	423	424	425	426	431	432	433	434
Education																	
Population aged 25 to 64 with post-secondary certificate, diploma or degree (%)	2021	57.1	65.2	72.6	62.6	71.3	68.7	58.9	52.0	60.1	63.2	62.2	54.1	62.8	58.3	38.0	48.2
Grade 12 completion among students entering Grade 12 for the first time (%)	2022 / 2023	83.0	78.3	83.0	84.0	69.0	90.0	74.0	N/A	N/A	82.0	80.0	75.0	71.0	77.0	88.0	67.0
Students completing high school within six years of enrollment in Grade 8 (%)	2022 / 2023	92.1	85.9	91.2	89.9	90.0	100.0	84.6	N/A	N/A	88.1	90.5	87.7	83.3	86.5	70.6	67.9
Employment																	
Population aged 15 and over who are unemployed (%)	2021	8.4	7.5	7.5	6.1	5.5	5.9	6.9	9.1	8.3	8.3	8.7	9.6	8.0	9.0	11.9	9.2
Health Behaviours																	
Alcohol consumption per year (litres of absolute alcohol sold per person, 1L=58.64 standard drinks)	2023	8.6	10.8	8.9	9.6	10.1	12.6	11.5	17.9	7.8	10.6	11.0	13.6	10.3	13.2	12.6	14.6
Household																	
One-parent family households (% of census families with children)	2021	14.9	14.5	14.8	14.4	11.1	11.5	15.7	14.0	12.8	16.7	10.4	18.5	13.9	15.4	17.5	19.3
Private households with multiple families (%)	2021	1.0	0.8	0.7	1.2	1.2	1.0	1.0	0.8	0.8	0.8	0.6	0.8	0.7	0.6	N/A	0.5
Private households with 5 or more persons (%)	2021	6.4	4.9	4.3	5.4	4.5	3.6	6.2	4.3	5.1	5.4	3.1	6.0	4.9	5.3	5.8	6.6
Dwellings rated as needing major repairs by renter or owner (%)	2021	5.8	5.8	5.9	4.0	3.9	8.8	6.6	6.8	6.5	5.7	4.2	9.3	5.7	6.0	14.1	13.6
Private households that are owner-occupied (%)	2021	66.8	69.0	53.6	71.7	81.4	83.0	77.4	84.1	81.0	69.5	81.6	71.1	77.3	74.1	76.6	71.2

Determinants of Health Summary Cont'd

LHAs																	
				South Island HSDA				Central Island HSDA						North Island HSDA			
Indicator Description	Time Period	BC	Island Health	411	412	413	414	421	422	423	424	425	426	431	432	433	434
Morbidity																	
Alcohol-related hospital admissions (age stnd. rate per 100,000)	2019	352.0	468.7	450.0	345.5	428.9	384.8	606.0	575.6	517.7	481.4	431.7	766.4	412.7	534.2	749.1	813.3
Cannabis-related hospital admissions (age stnd rate per 100,000)	2019	25.0	33.3	25.1	20.4	17.7	27.5	50.7	88.9	46.2	54.1	49.4	33.1	32.7	33.0	29.9	40.9
Opioid-related hospital admissions (age stnd rate per 100,000)	2019	40.3	51.9	41.6	23.7	25.8	24.2	90.0	207.7	68.1	71.3	68.3	61.3	58.5	50.0	63.7	128.0
Tobacco-related hospital admissions (age stnd rate per 100,000)	2019	429.5	426.1	378.3	441.8	294.1	303.0	567.9	592.3	405.8	454.6	334.5	617.1	474.0	540.7	528.7	740.0
Transportation																	
Employed population aged 15 and over walking, biking or busing to work (%)	2021	17.7	16.2	31.1	11.2	11.6	14.1	7.1	10.3	7.8	10.1	8.3	12.3	10.7	8.7	26.4	13.8
Child Health																	
Child mental diseases & disorders hospital admissions (rate per 1,000 aged 0-14)	2022/23	1.8	2.0	2.4	2.3	1.0	2.7	2.6	5.9	5.0	2.3	2.0	1.0	0.5	1.2	0.0	0.0
Youth mental diseases & disorders hospital admissions (rate per 1,000 aged 15-24)	2022/23	11.0	13.6	9.2	12.5	9.4	13.8	19.5	24.6	11.8	18.7	13.5	24.0	9.0	13.9	0.0	19.0
Child/youth mental diseases & disorders hospital admissions (rate per 1,000 aged 0 to 24)	2022/23	6.0	7.1	5.9	6.4	4.8	6.5	9.6	13.4	7.7	9.4	6.7	10.2	3.8	6.3	0.0	8.1
Child hospitalization admissions - injury/poisoning (rate per 1,000 aged 0 to 14)	2022/23	1.9	2.2	2.5	1.6	1.8	2.7	3.0	0.0	6.1	2.1	0.0	2.5	2.3	2.0	0.0	3.0
Child hospitalizations - respiratory diseases & disorders (rate per 1,000 aged 0 to 14)	2022/23	6.2	7.2	6.9	6.9	7.3	7.0	7.3	11.8	8.7	7.9	4.0	12.1	4.7	6.8	17.8	16.2
Pregnant persons who reported smoking at any time during current pregnancy (%) (5yr Agg)	2018 - 2022	4.5	7.6	5.8	8.6	4.6	7.0	10.2	16.4	7.1	7.7	7.9	6.8	6.2	11.0	29.0	16.4

Determinants of Health Summary Cont'd																	
				LHAs													
				South Island HSDA				Central Island HSDA						North Island HSDA			
Indicator Description	Time Period	BC	Island Health	411	412	413	414	421	422	423	424	425	426	431	432	433	434
Early Development																	
EDI: Kindergarten children rated as vulnerable for physical development (%)	2019 - 2022	14.7	15.6	11.1	17.4	14.2	16.2	20.1	5.8	14.9	15.7	14.1	19.1	16.9	15.7	28.6	13.2
EDI: Kindergarten children rated as vulnerable for social development (%)	2019 - 2022	16.3	15.9	14.8	18.7	14.2	15.5	16.7	5.8	12.1	17.2	12.6	15.1	17.1	16.6	37.1	13.7
EDI: Kindergarten children rated as vulnerable for emotional development (%)	2019 - 2022	17.5	19.0	18.9	19.5	18.4	19.0	20.1	15.4	15.6	19.8	16.7	17.3	21.4	19.3	37.1	17.7
EDI: Kindergarten children rated as vulnerable for language development (%)	2019 - 2022	10.5	11.0	7.2	10.7	7.7	4.2	11.9	5.8	12.1	13.9	8.8	14.5	12.4	11.6	33.3	17.6
EDI: Kindergarten children rated as vulnerable for communication development (%)	2019 - 2022	14.3	11.8	9.2	12.7	10.3	11.3	15.2	1.9	9.2	12.3	8.1	15.1	12.1	12.8	22.9	12.3
EDI: Kindergarten children rated as vulnerable on one or more domains (%)	2019 - 2022	32.9	32.7	29.1	33.3	28.3	34.5	36.3	23.1	31.9	34.7	28.4	34.4	37.0	33.7	54.3	34.8
Income																	
Median one-parent family income (\$)	2021	70K	68K	71K	74K	79K	59K	66K	58K	71K	65K	61K	60K	66K	61K	48K	58K
Median household total income (\$, in thousands)	2021	85K	80K	78K	95K	99K	72K	82K	70K	78K	77K	74K	69K	78K	76K	56K	68K

Determinants of Health Summary Cont'd																	
				LHAs													
				South Island HSDA				Central Island HSDA						North Island HSDA			
Indicator Description	Time Period	BC	Island Health	411	412	413	414	421	422	423	424	425	426	431	432	433	434
Income Inequality																	
Difference in median income comparing males and females aged 15 and over	2021	3200	1600	800	4400	4000	-1600	4400	1600	7600	2000	0	400	4400	3600	-4400	7600
Low income based on after-tax low income measure (%)	2021	10.8	10.2	10.4	6.8	6.5	14.5	10.3	13.2	11.0	11.0	11.2	13.7	10.2	11.0	22.5	17.3
Low income based on after-tax low-income measure, ages less than 18 years (%)	2021	11.3	11.3	10.6	7.2	6.5	19.1	13.6	20.4	12.1	11.5	13.9	17.5	10.6	13.0	34.5	21.5
Low income based on after-tax low-income measure, ages less than 6 years (%)	2021	11.1	11.1	10.7	6.4	5.5	19.2	13.4	16.5	10.6	12.1	14.7	15.1	11.8	11.7	36.0	22.0
Low income based on after-tax low-income measure, ages 18 to 64 years (%)	2021	9.7	9.3	9.7	5.9	6.1	15.3	9.2	11.6	9.9	9.6	11.1	12.4	9.3	9.5	20.2	15.0
Low income based on after-tax low-income measure, ages 65 years and over (%)	2021	13.8	11.6	12.1	9.7	7.2	11.7	10.3	12.6	12.1	14.0	10.4	14.0	11.9	12.8	18.8	19.7
Households (owned) spending more than 30% of income on housing (%)	2021	19.3	15.8	18.5	17.5	14.2	17.9	14.7	16.2	12.7	15.7	13.6	13.4	14.7	14.5	9.7	10.1
Households (rented) spending more than 30% of income on housing (%)	2021	37.8	39.4	40.9	37.2	36.9	39.9	36.2	33.3	37.0	40.0	43.6	35.6	38.3	37.6	28.0	25.0
Protecting Child and Youth																	
Children and youth in care (rate per 1,000 children aged 0-18)	2023	4.6	7.1	3.8	5.9	N/A	N/A	11.8	19.4	12.0	7.4	5.2	20.2	5.1	9.3	N/A	N/A
Children and youth in need of protection (rate per 1,000 children aged 0-18)	2022	22.6	31.0	21.8	28.1	24.6	18.8	45.0	28.9	49.2	42.5	22.8	58.9	30.2	35.4	129.9	44.8

Health Status Summary																	
				LHAs													
				South Island HSDA				Central Island HSDA						North Island HSDA			
Indicator Description	Time Period	BC	Island Health	411	412	413	414	421	422	423	424	425	426	431	432	433	434
Births																	
Live birth rate (rate per 1,000 population)	2019 - 2023	8.0	6.7	6.2	9.0	5.3	4.7	7.2	8.1	6.9	7.0	4.1	8.1	6.5	7.0	6.6	9.0
Stillbirths (rate per 1,000 births)	2019 - 2023	13.1	11.6	12.5	9.8	6.4	21.2	10.9	10.5	9.5	12.9	11.3	12.0	13.2	10.2	42.3	11.5
Infant mortality - deaths of infants under 1 year of age (rate per 1,000 live births)	2019 - 2023	3.5	3.9	4.3	3.6	2.7	0.0	3.0	3.5	5.4	3.0	0.0	11.3	3.3	4.8	14.1	1.9
Low weight births - less than 2,500 grams (rate per 1,000 live births)	2019 - 2023	61.8	56.4	58.4	57.4	65.4	30.6	56.9	52.6	69.4	53.9	42.4	60.1	46.4	57.1	98.6	59.4
Cesarean sections (rate per 1,000 live births)	2019 - 2023	386.7	343.8	339.9	352.4	325.9	280.0	316.1	333.3	337.4	366.1	335.2	338.5	364.6	342.9	169.0	298.9
Pre-term births - gestational age less than 37 weeks (rate per 1,000 live births)	2019 - 2023	79.9	84.9	80.3	81.3	86.1	58.8	97.3	63.2	100.7	78.5	87.6	116.6	73.2	86.5	211.3	113.0
Birthing persons - live births to persons under 20 years of age (rate per 1,000 live births)	2019 - 2023	9.5	14.9	6.5	7.4	11.2	2.4	30.8	3.5	38.1	18.6	8.5	29.7	8.2	18.6	98.6	78.5
Birthing persons - live births to persons aged 35 and over (rate per 1,000 live births)	2019 - 2023	308.2	303.7	393.0	291.2	328.5	383.5	222.3	242.1	219.0	262.3	287.2	229.0	299.2	251.7	70.4	201.1

Health Status Summary																	
				LHAs													
				South Island HSDA				Central Island HSDA						North Island HSDA			
Indicator Description	Time Period	BC	Island Health	411	412	413	414	421	422	423	424	425	426	431	432	433	434
Morbidity																	
Alzheimer's disease and other dementia - prevalence (age-standardized rate per 1,000)	2022/23	19.0	18.6	20.5	17.1	16.1	15.1	17.7	15.1	19.9	20.7	17.1	21.9	17.7	17.9	8.1	16.7
Asthma - prevalence (age-standardized rate per 1,000)	2022/23	126.9	137.6	127.2	139.4	134.5	117.0	150.7	151.2	165.1	141.2	138.2	149.0	133.1	156.7	160.4	177.4
Chronic kidney disease - prevalence (age-standardized rate per 1,000)	2022/23	36.2	34.8	34.3	39.5	33.7	25.4	34.3	41.6	33.5	36.6	32.8	42.9	32.5	36.0	35.8	35.5
Chronic obstructive pulmonary disease - prevalence (age-standardized rate per 1,000)	2022/23	50.9	53.0	40.6	52.2	33.1	44.0	88.3	102.6	65.2	55.2	47.8	71.2	50.7	73.9	65.3	90.0
Mood and anxiety disorders - prevalence (age-standardized rate per 1,000)	2022/23	322.6	373.2	371.7	373.9	357.0	358.0	399.5	401.6	382.8	367.5	362.6	387.7	374.6	395.7	333.4	385.6
Depression - prevalence (age-standardized rate per 1,000)	2022/23	256.6	296.4	297.8	302.0	286.0	258.8	309.6	310.0	313.8	285.1	287.1	326.3	298.8	306.8	261.0	309.3
Diabetes - prevalence (age-standardized rate per 1,000)	2022/23	86.6	72.9	70.1	84.2	65.4	46.7	74.5	79.6	74.7	76.8	65.6	92.6	63.5	83.0	84.9	93.1
Heart failure - prevalence (age-standardized rate per 1,000)	2022/23	21.1	20.0	17.7	20.5	16.0	15.3	19.4	19.2	20.1	21.1	19.7	31.5	20.5	26.7	22.5	32.4

Health Status Summary Cont'd																	
				LHAs													
				South Island HSDA				Central Island HSDA						North Island HSDA			
Indicator Description	Time Period	BC	Island Health	411	412	413	414	421	422	423	424	425	426	431	432	433	434
Morbidity Con't																	
Hypertension - prevalence (age-standardized rate per 1,000)	2022/23	227.9	213.8	200.5	232.0	208.7	171.2	226.6	232.4	223.7	211.2	208.6	251.0	208.8	229.3	235.4	245.3
Ischemic heart disease - prevalence (age-standardized rate per 1,000)	2022/23	75.0	69.8	57.5	68.1	60.5	53.1	63.0	68.9	70.3	80.8	79.0	99.0	78.7	83.5	83.6	78.4
Osteoarthritis - prevalence (age-standardized rate per 1,000)	2022/23	88.2	95.4	86.4	94.3	93.6	93.7	106.2	106.5	105.4	92.1	95.8	113.0	92.3	116.1	104.7	103.3
Episodic asthma - prevalence (age-standardized rate per 1,000)	2022/23	51.2	56.1	53.6	58.8	53.9	42.6	63.9	64.9	69.7	55.6	53.1	60.2	52.3	61.2	58.0	64.1
Episodic depression - prevalence (age-standardized rate per 1,000)	2022/23	76.0	91.6	94.7	95.8	92.5	69.3	85.9	87.1	100.7	90.3	84.5	105.3	86.7	91.4	73.2	79.9
Episodic mood & anxiety disorders - Prevalence (age-standardized rate per 1,000)	2022/23	113.7	140.9	145.1	150.2	138.4	117.8	146.7	149.5	145.0	131.9	125.1	143.2	141.9	142.9	123.9	129.6
Schizophrenia & delusional disorders - Prevalence (age-standardized rate per 1,000)	2022/23	11.6	12.5	17.3	9.2	9.8	12.8	11.9	13.3	7.3	12.8	11.1	11.4	9.9	10.5	6.9	13.4
Deaths																	
Mortality (age stnd. rate per 10,000)	2019 - 2023	66.8	69.6	67.1	64.0	57.6	56.7	75.5	89.4	73.1	73.6	66.9	97.6	71.4	79.1	75.3	87.1
Mortality- unintentional injury (age stnd. rate per 10,000)	2019 - 2023	4.9	4.7	4.6	2.8	2.6	3.9	5.4	6.4	4.5	5.7	4.9	7.4	5.0	5.9	14.5	6.6
Alcohol-related deaths (age stnd rate per 100,000)	2019	33.6	37.6	42.2	27.2	41.1	27.0	37.9	31.3	32.1	37.1	29.0	50.1	35.8	45.3	81.5	73.3
Unregulated drug deaths (crude rate per 100,000)	2023	46.6	53.6	58.1	15.8	11.1	26.4	59.5	54.6	13.6	91.7	27.9	105.9	47.6	93.3	N/A	51.5
Tobacco-related deaths (age stnd rate per 100,000)	2019	111.5	119.0	121.9	110.0	82.3	84.8	124.9	128.6	120.2	131.2	103.0	152.7	120.6	149.1	178.4	200.0

Health Status Summary Cont'd																	
				LHAs													
				South Island HSDA				Central Island HSDA						North Island HSDA			
Indicator Description	Time Period	BC	Island Health	411	412	413	414	421	422	423	424	425	426	431	432	433	434
Life Expectancy																	
Life expectancy (years)	2021 - 2022	82.0	81.3	82.0	82.7	84.2	83.6	79.8	80.5	80.2	80.6	83.1	75.7	80.7	79.4	N/A	75.3
Female life expectancy (years)	2021 - 2022	84.9	84.0	84.3	84.9	86.6	85.4	83.8	83.1	83.4	83.3	86.5	77.7	83.5	81.8	N/A	80.2
Male life expectancy (years)	2021 - 2022	79.3	78.7	79.6	80.4	81.9	81.9	76.1	78.6	77.1	78.0	79.8	73.9	78.0	77.3	N/A	71.2

Health Status Summary Cont'd																	
				South Island HSDA				Central Island HSDA						North Island HSDA			
Indicator Description	Time Period	BC	Island Health	411	412	413	414	421	422	423	424	425	426	431	432	433	434
Health Matrix*																	
Health matrix: non-users (%)	2022 - 2023	18.1	15.8	13.2	16.5	14.4	14.4	14.4	12.4	15.7	11.7	14.9	13.8	14.1	13.0	16.2	15.0
Health matrix: healthy (%)	2022 - 2023	33.0	29.1	27.7	28.0	28.1	28.7	25.0	25.9	29.8	24.7	28.3	28.9	29.8	28.1	25.0	27.7
Health matrix: adult (18+) major cond. (%)	2022 - 2023	2.5	2.7	2.9	2.7	2.8	2.5	2.6	2.7	2.9	2.9	2.5	2.8	3.0	2.6	2.0	2.3
Health matrix: child and youth (<18) major cond.(%)	2022 - 2023	0.5	0.6	0.5	0.3	0.7	0.8	0.7	0.7	0.7	0.4	0.8	0.7	0.6	0.7	1.2	1.0
Health matrix: low chronic conditions (%)	2022 - 2023	24.6	27.0	28.4	26.6	27.0	27.0	28.1	28.9	26.1	28.3	26.8	27.3	26.8	27.8	27.1	28.6
Health matrix: medium chronic conditions (%)	2022 - 2023	9.0	11.0	13.4	12.7	12.2	12.6	14.9	14.2	10.4	15.3	10.9	11.7	11.6	11.9	13.3	10.7
Health matrix: severe mental health & substance use (%)	2022 - 2023	1.8	2.2	1.2	2.0	2.5	2.4	2.7	1.9	2.8	1.8	2.9	2.2	1.9	2.5	3.2	2.9
Health matrix: maternity & healthy newborns (%)	2022 - 2023	1.9	1.6	1.2	1.1	1.7	1.8	1.5	1.5	1.8	1.0	2.0	1.6	1.5	1.6	1.9	2.0
Health matrix: frail in community (%)	2022 - 2023	0.5	0.6	0.6	0.5	0.6	0.6	0.5	0.5	0.7	0.7	0.5	0.6	0.6	0.5	0.4	0.6
Health matrix: high chronic w/o frailty (%)	2022 - 2023	4.5	5.0	5.6	5.0	5.8	5.4	6.1	6.4	5.1	7.3	6.6	5.6	5.0	6.3	6.6	6.2
Health matrix: high chronic w/ frailty (%)	2022 - 2023	0.6	0.7	0.7	0.7	0.8	0.7	0.5	1.0	0.7	0.8	0.8	0.8	0.8	0.7	0.6	0.8
Health matrix: cancer (%)	2022 - 2023	1.8	2.0	2.5	2.6	1.8	1.6	2.2	2.0	1.6	2.5	1.5	2.5	2.5	2.6	1.8	1.3
Health matrix: frail in residential care(%)	2022 - 2023	0.7	0.9	1.1	0.6	0.9	0.8	0.0	1.0	0.8	1.3	0.7	0.7	0.8	0.7	0.1	0.3
Health matrix: end of life (%)	2022 - 2023	0.6	0.8	1.0	0.9	0.9	0.8	0.8	1.0	0.9	1.3	0.8	0.8	0.8	0.8	0.9	0.6

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

LHAs																	
				South Island HSDA				Central Island HSDA						North Island HSDA			
Indicator Description	Time Period	BC	Island Health	411	412	413	414	421	422	423	424	425	426	431	432	433	434
Potential Years of Life Lost																	
All cause PYLL rate (age stnd. per 1,000)	2019 - 2023	52.3	58.3	54.4	44.2	40.6	47.8	71.0	68.8	62.6	62.8	52.5	103.0	58.8	76.1	87.8	109.2
Cerebrovascular diseases - PYLL rate (age stnd. per 1,000)	2019 - 2023	1.0	1.0	0.9	0.4	0.6	1.0	1.8	0.9	0.7	1.2	0.9	2.1	1.2	1.9	0.0	0.7
Chronic lower respiratory diseases - PYLL rate (age stnd. per 1,000)	2019 - 2023	0.7	0.9	0.9	0.5	0.6	0.7	1.2	3.5	0.3	0.9	0.4	1.8	0.8	1.3	1.3	1.3
Diabetes - PYLL rate (age stnd. per 1,000)	2019 - 2023	1.2	1.2	1.2	1.3	0.9	0.1	1.4	1.9	0.5	1.4	0.8	3.1	1.1	1.3	0.5	2.2
Arteries, arterioles and capillaries - PYLL rate (age stnd. per 1,000)	2019 - 2023	0.3	0.2	0.2	0.2	0.1	0.3	0.1	0.1	0.1	0.4	0.3	0.2	0.4	0.2	0.0	0.8
Accidental falls - PYLL rate (age stnd. per 1,000)	2019 - 2023	0.3	0.2	0.2	0.1	0.2	0.0	0.1	0.2	0.0	0.4	0.1	0.2	0.3	0.1	0.0	0.2
Influenza and pneumonia - PYLL rate (age stnd. per 1,000)	2019 - 2023	0.5	0.6	0.7	0.3	0.4	0.0	0.9	3.2	0.1	0.7	0.1	0.9	0.5	1.0	0.8	2.0
Suicide - PYLL rate (age stnd. per 1,000)	2019 - 2023	2.2	2.9	2.9	3.2	1.6	2.6	3.4	1.9	2.7	2.5	2.4	2.6	3.3	3.1	1.4	9.0
Ischemic heart diseases - PYLL rate (age stnd. per 1,000)	2019 - 2023	2.5	2.6	2.3	2.6	1.8	3.4	3.2	3.0	3.1	2.8	3.0	4.7	2.5	2.4	1.7	4.6
Endocrine, nutritional and metabolic diseases - PYLL rate (age stnd. per 1,000)	2019 - 2023	1.7	1.9	1.8	1.7	1.3	0.3	2.3	2.2	1.3	2.1	1.0	4.7	1.4	2.7	3.1	4.1
Circulatory system - PYLL rate (age stnd. per 1,000)	2019 - 2023	5.5	6.0	5.7	4.9	3.5	6.2	8.3	8.8	5.7	6.6	5.2	10.1	5.6	6.9	4.2	11.8
Lung/tracheal cancer - PYLL rate (age stnd. per 1,000)	2019 - 2023	1.8	1.9	2.0	2.0	1.1	0.9	2.1	1.8	2.1	2.1	1.4	3.1	2.1	1.8	0.8	2.7
Malignant neoplasms - PYLL rate (age stnd. per 1,000)	2019 - 2023	10.8	11.7	11.1	11.7	10.2	9.1	13.9	12.2	13.3	12.0	11.6	13.7	11.6	12.5	8.4	14.5
Motor vehicle accidents - PYLL rate (age stnd. per 1,000)	2019 - 2023	1.0	0.8	0.3	0.8	0.4	0.0	1.3	4.4	0.5	1.3	2.0	1.3	0.5	0.7	0.0	3.9
Diseases of the respiratory system - PYLL rate (age stnd. per 1,000)	2019 - 2023	1.5	1.8	1.8	1.0	1.4	0.8	2.5	7.2	1.9	1.9	0.6	3.5	1.5	3.0	2.1	3.5
Diseases of the digestive system - PYLL rate (age stnd. per 1,000)	2019 - 2023	2.8	3.8	3.5	3.0	3.7	1.5	4.2	2.3	6.2	3.4	2.4	7.5	3.8	4.3	13.6	10.1

Health Service Use Summary																	
				LHAs													
				South Island HSDA				Central Island HSDA						North Island HSDA			
Indicator Description	Time Period	BC	Island Health	411	412	413	414	421	422	423	424	425	426	431	432	433	434
Complex Continuing Care																	
Home care visits (rate per 1,000 population aged 75+)	2023 - 2024	N/D	5884.0	5027.0	4380.0	3458.0	2534.0	5514.0	5705.0	5337.0	4908.0	3266.0	9407.0	5156.0	6370.0	1712.0	5586.0
Long term care beds (rate per 1,000 population aged 75+)	2023 - 2024	N/D	55.0	75.0	26.0	45.0	28.0	60.0	0.0	51.0	52.0	52.0	57.0	55.0	51.0	0.0	31.0
Home care clients (rate per 1,000 population aged 75+)	2023 - 2024	N/D	187.5	192.6	170.3	181.3	144.1	185.9	179.9	226.5	203.6	156.8	199.5	195.8	206.2	93.0	158.1
Home support clients (rate per 1,000 population aged 75+)	2023 - 2024	N/D	83.4	88.5	75.5	61.5	54.3	88.1	76.3	90.9	94.9	80.4	100.1	85.7	84.7	27.9	81.9
Home support hours (rate per 1,000 population aged 75+)	2023 - 2024	N/D	22.0	27.0	21.0	18.0	7.0	26.0	30.0	25.0	24.0	20.0	21.0	16.0	18.0	3.0	10.0
Emergency																	
Unscheduled emergency dept. or urgent care centre visits (rate per 1,000 pop.)	2023 - 2024	N/D	462.0	322.0	287.0	371.0	487.0	493.0	637.0	776.0	529.0	784.0	694.0	448.0	592.0	1462.0	1189.0
Unscheduled emergency dept. or urgent care centre visits (rate per 1,000 75+ pop.)	2023 - 2024	N/D	719.0	517.0	527.0	630.0	728.0	700.0	958.0	1075.0	743.0	1125.0	891.0	698.0	838.0	2633.0	1223.0
Primary Care																	
Population attached to physician (%)	2022 - 2023	75.9	77.5	72.7	74.8	80.9	80.2	80.2	77.9	79.5	79.3	83.3	75.0	80.9	82.6	81.3	70.7

Health Service Use Summary Cont'd

LHAs																	
				South Island HSDA				Central Island HSDA						North Island HSDA			
Indicator Description	Time Period	BC	Island Health	411	412	413	414	421	422	423	424	425	426	431	432	433	434
Hospital Inpatient Care																	
Acute care inpatient cases (age stdn. rate per 1,000 population)	2022 - 2023	69.6	75.1	65.3	73.6	65.6	64.3	87.9	112.5	86.4	85.6	70.2	108.4	72.3	88.2	79.4	109.8
Acute care inpatient cases (age stdn. rate per 1,000 population aged 75+)	2022 - 2023	270.9	269.2	252.5	329.0	270.0	233.9	283.9	391.7	274.8	273.3	240.0	317.8	272.0	286.0	186.6	254.3
Alternative level of care cases (age stdn. rate per 1,000 population)	2022-2023	3.5	1.8	2.2	1.9	1.1	0.9	1.8	0.6	1.1	1.4	1.1	4.4	1.4	1.5	0.0	0.9
Alternative level of care cases (age stdn. rate per 1,000 population 75+)	2022-2023	34.1	17.1	20.2	20.3	11.4	11.5	19.7	8.9	15.8	12.8	12.3	39.2	17.4	17.0	0.0	5.7
Acute care day cases (age stdn. rate per 1000 population)	2022-2023	87.3	103.7	76.1	85.0	84.0	65.3	81.3	125.6	90.8	85.8	82.2	89.0	90.8	96.3	92.2	79.9
Acute care day cases (age stdn. rate per 1000 population aged 75+)	2022-2023	235.9	207.3	183.8	203.3	224.2	186.5	207.1	306.2	224.7	211.6	227.8	205.4	215.0	199.1	128.7	130.4
Alternative level of care days (rate per 1,000 population)	2023-2024	N/D	126.0	158.0	59.0	140.0	94.0	94.0	47.0	100.0	87.0	109.0	124.0	156.0	221.0	173.0	176.0
Alternative level of care days (rate per 1,000 population 75+)	2023-2024	N/D	744.0	976.0	517.0	606.0	371.0	523.0	260.0	514.0	445.0	458.0	854.0	967.0	1568.0	1679.0	1380.0
Ambulatory care sensitive conditions (%)	2023 - 2024	N/D	5.70	6.10	5.90	5.30	4.30	5.60	6.90	7.00	5.10	4.40	7.00	5.80	6.10	7.60	4.90
Maternity acute care utilization (case rate per 1,000 population)	2022 - 2023	8.8	7.2	6.5	9.1	5.8	4.6	8.0	9.6	7.9	8.0	4.8	9.5	6.9	7.5	7.4	10.2
Psychiatry (dementia excluded) acute care utilization (case rate per 1,000 population)	2022 - 2023	8.2	8.8	8.8	6.8	6.0	6.7	9.3	13.0	7.3	10.7	7.9	14.3	7.2	10.6	9.8	12.1
MRI utilization - outpatient MRI exams (per 1000 population)	2023 - 2024	N/D	57.7	54.3	54.8	70.6	50.0	51.9	74.4	59.4	67.3	69.0	51.3	52.4	49.1	51.1	41.6

Population and Demographics, Data Sources

Population and Population Projection

Average Age: BC Statistics – P.E.O.P.L.E. 2024| Population Pyramid: BC Statistics - P.E.O.P.L.E. 2024 | Estimated Total Population - 2039: BC Statistics - P.E.O.P.L.E. 2024 | Estimated Population Change - 2039: BC Statistics - P.E.O.P.L.E. 2024 | 10 Year Population Growth (%): BC Statistics - P.E.O.P.L.E. 2024 | Population aged 0-19 (%) - BC Statistics - P.E.O.P.L.E. 2024 | Population aged 20-44 (%) – BC Statistics - P.E.O.P.L.E. 2024| Population aged 45-64 (%) - BC Statistics - P.E.O.P.L.E. 2024 | Population aged 65-74(%) - BC Statistics - P.E.O.P.L.E.2024| Population aged 75 and over (%) - BC Statistics - P.E.O.P.L.E. 2024 | Percent growth of the 0-19 age group population in next 10 years - BC Statistics - P.E.O.P.L.E. 2024 | Percent growth of the 20-44 age group population in next 10 years – BC Statistics - P.E.O.P.L.E. 2024 | Percent growth of the 45-64 age group population in next 10 years - BC Statistics - P.E.O.P.L.E. 2024 | Percent growth of the 65-74 age group population in next 10 years - BC Statistics - P.E.O.P.L.E. 2024 | Percent growth of the 75+ age group population in next 10 years - BC Statistics - P.E.O.P.L.E. 2024

Age Demographics & Marital Status

Median Age of Population - Census, 2021 | Population where language spoken most often at home is not English or French (%) - Census, 2021 | Visible minority population (%) - Census, 2021 | Population in private households with Indigenous Identity (%) - Census, 2021 | Population aged 15 and over who are married (%) - Census, 2021 | Population aged 15 and over who are common-law (%) - Census, 2021 | Population aged 15 and over who are single, never married (%) - Census, 2021 | Population aged 15 and over who are widowed (%) - Census, 2021 | Population aged 15 and over who are separated or divorced (%) - Census, 2021

Migration and Immigrants

Immigrant population (%): Census, 2021 | Population migrating to area in the last 5 years (%): Census, 2021

Determinants of Health, Data Sources

Education & Employment

Population aged 25 to 64 with post-secondary certificate, diploma or degree (%) - Census, 2021 | Grade 12 completion among students entering Grade 12 for the first time (%) (2yr Agg) - Ministry of Education, 2022-2023 | Students completing high school within six years of enrollment in Grade 8 (%) (2yr Agg) - Ministry of Education, 2022-2023 | Population aged 15 and over who are unemployed (%): Census, 2021

Health Behaviours

Alcohol consumption (litres of absolute alcohol sold per person, 1L=58 standard drinks)- AOD: CISUR, 2023

Household

Dwellings rated as needing major repairs by renter or owner (%) - Census, 2021 | One-parent family households (% of census families with children) - Census, 2021 | Private households that are owner-occupied (%) - Census, 2021 | Private households with 5 or more persons (%) - Census, 2021 | Private households with multiple families (%) - Census, 2021 | Households (owned) spending more than 30% of income on housing (%) - Census, 2021 | Households (rented) spending more than 30% of income on housing (%) - Census, 2021

Income & Income Inequality

Median household total income (\$) - Census, 2021 | Median one-parent family income (\$) - Census, 2021 | Difference in median income comparing males and females aged 15 and over - Census, 2021 | Households (owned) spending more than 30% of income on housing (%) - Census, 2021 | Households (rented) spending more than 30% of income on housing (%) - Census, 2021 | Low income based on after-tax low income measure (%) - Census, 2021 | Low income based on after-tax low-income measure, ages 18 to 64 years (%) - Census, 2021 | Low income based on after-tax low-income measure, ages 65 years and over (%) - Census, 2021 | Low income based on after-tax low-income measure, ages less than 6 years (%) - Census, 2021 | Low income based on after-tax low-income measure, ages less than 18 years (%) - Census, 2021

Morbidity

Alcohol-related hospitalizations (age-standardized rate per 100,000) - CISUR, 2019 | Cannabis-related hospitalizations (age-standardized rate per 100,000) - CISUR, 2019 | Opioid-related hospitalizations (age-standardized rate per 100,000) - CISUR, 2019 | Tobacco-related hospitalizations (age-standardized rate per 100,000) - CISUR, 2019

Transportation

Employed population aged 15 and over walking, biking or busing to work (%) - Census, 2021

Child Health

Child Hospitalizations - Injury/Poisoning (rate per 1,000 aged 0 to 14) : Ministry of Health Ideas, 2022/2023 | Child hospitalizations - Respiratory Dis. (rate per 1,000 aged 0 to 14) Ministry of Health Ideas, 2022/2023 | Child Mental Diseases & Disorders Hospitalizations (rate per 1,000 aged 0-14) Ministry of Health Ideas, 2022/2023 | Youth Mental Diseases & Disorders Hospitalizations (rate per 1,000 aged 15-24): Ministry of Health Ideas, 2022/2023

Early Development

EDI: Kindergarten children rated as vulnerable for social development (%) - Early Development Instrument, 2019-2022 | EDI: Kindergarten children rated as vulnerable for communication development (%) - Early Development Instrument, 2019-2022 | EDI: Kindergarten children rated as vulnerable for emotional development (%) - Early Development Instrument, 2019-2022 | EDI: Kindergarten children rated as vulnerable for language development (%) - Early Development Instrument, 2019-2022 | EDI: Kindergarten children rated as vulnerable for physical development (%) - Early Development Instrument, 2019-2022 | EDI: Kindergarten children rated as vulnerable on one or more domains (%) - Early Development Instrument, 2019-2022 |

Protecting Children and Youth

Children and Youth in Care (rate per 1,000 children aged 0 to 18) - Ministry of Children and Family Development, 2023 | Children and Youth in Need of Protection (rate per 1,000 children aged 0 to 18) - Ministry of Children and Family Development, 2022

Health Status, Data Sources

Life Expectancy

Female Life Expectancy - Ministry of Health, 2021-2022 | Male Life Expectancy - Ministry of Health, 2021-2022| Life Expectancy - Ministry of Health, 2021-2022

Deaths

Mortality (age-standardized rate per 10,000) - Vital Statistics, 2024 | Mortality due to unintentional injuries (age-standardized rate per 10,000) - Vital Statistics, 2024 | Alcohol-related deaths (age standardized rate per 100,000) - CISUR, 2019 | Tobacco-related deaths (age-standardized rate per 100,000) - CISUR, 2019 | Unregulated Drug Deaths (crude rate per 100,000) - BC Coroner's Service, 2023

Health Matrix

Health System Matrix v.14: Healthy (%) - HSM v.14, 2024 | Health System Matrix: Adult (18+) Major Conditions (%) - HSM v.14, 2024 | Health System Matrix: Child and Youth (<18) Major Conditions (%) - HSM v.14, 2024 | Health System Matrix: Low Chronic Conditions (%) - HSM v.14, 2024 | Health System Matrix: Medium Chronic Conditions (%) - HSM v.14, 2024 | Health System Matrix: Severe Mental Health & Substance Use (%) - HSM v.14, 2024 | Health System Matrix: Maternity & Healthy Newborns (%) - HSM v.14, 2024 | Health System Matrix: Frail in Community (%) - HSM v.14, 2024 | Health System Matrix: High Chronic w/o Frailty (%) - HSM v.14, 2024 | Health System Matrix: High Chronic w/ Frailty (%) - HSM v.14, 2024 | Health System Matrix: Cancer (%) - HSM v.14, 2024 | Health System Matrix: Frail in Residential Care(%) - HSM v.14, 2024 | Health System Matrix: End of Life (%) - HSM v.14, 2024 |

Births

Live Birth Rate (rate per 1,000 population) - Vital Statistics/Ministry of Health, 2019-2023 | Stillbirths (rate per 1,000 births) - Vital Statistics/Ministry of Health, 2019-2023| Infant Mortality - deaths of infants under 1 year of age (rate per 1,000 live births) - Vital Statistics/Ministry of Health, 2019-2023 | Low Weight Births - less than 2,500 grams (rate per 1,000 live births) - Vital Statistics/Ministry of Health, 2019-2023 | Caesarean Sections (rate per 1,000 live births) - Vital Statistics/Ministry of Health, 2019-2023 | Pre-term Births - gestational age less than 37 weeks (rate per 1,000 live births) - Vital Statistics/Ministry of Health, 2019-2023 | Mothers under 20 - live births to mothers under 20 years of age (rate per 1,000 live births) – Vital Statistics/Ministry of Health, 2019-2023 | Mothers 35 and over - live births to mothers aged 35 and over (rate per 1,000 live births) - Vital Statistics/Ministry of Health, 2019-202

Morbidity

Alzheimer's Disease and Other Dementia - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2022-2023 | Asthma - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2022-2023 | Chronic Kidney Disease – Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2022-2023 | Chronic Obstructive Pulmonary Disease – Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2022-2023 | Mood and Anxiety Disorders – Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2022-2023 | Depression - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2022-2023 |

Diabetes - Prevalence (age-standardized rate per 1,000) - MoH – Chronic Disease Registries, 2022-2023 | Heart Failure - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2022-2023 | Hypertension - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2022-2023 | Ischemic Heart Disease - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2022-2023 | Osteoarthritis - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2022-2023 | Episodic Asthma - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2022-2023 | Episodic Depression - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2022-2023 | Episodic Mood & Anxiety Disorders - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2022-2023 | Schizophrenia & Delusional Disorders - Prevalence (age-standardized rate per 1,000) - MoH - Chronic Disease Registries, 2022-2023

Complex Continuing Care

Home Care Visits (rate per 1,000 population) - Island Health - Ideas, 2023/2024 | Home Care Visits (rate per 1,000 population aged 75 and over) - Island Health - Ideas, 2023/2024 | Long-Term Care Beds (rate per 1,000 population aged 75 and over) - Island Health - Ideas, 2023/2024 | Home Care Clients (rate per 1,000 population aged 75 and over) - Island Health - Ideas, 2023/2024 | Home Support Clients (rate per 1,000 population) - Island Health - Ideas, 2023/2024 | Home Support Clients (rate per 1,000 population aged 75 and over) – Island Health - Ideas, 2023/2024 | Home Support Hours (rate per 1,000 population) - Island Health - Ideas, 2023/2024 | Home Support Hours (rate per 1,000 population aged 75 and over) - Island Health - Ideas, 2023/2024

Emergency

Unscheduled Emergency Department or Urgent Care Centre visits (rate per 1,000 population) - Island Health - Ideas, 2023/2024 | Unscheduled Emergency Department or Urgent Care Centre visits for 75+ (rate per 1,000 75+ population) - Island Health - Ideas, 2023/2024

Hospital Day Care

Acute Care Day Cases (age-standardized rate per 1,000 population) - Ministry of Health Ideas, 2022/2023 | Acute Care Day Cases (age-standardized rate per 1,000 population aged 75 and over) - Ministry of Health Ideas, 2022/2023

Primary Care

Population attached to physician at the practice level (%) - Ministry of Health, 2022-2023

Potential Years of Life Lost

Accidental Falls - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2019-2023 | All Cause Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2019-2023 | Arteries, arterioles and capillaries - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics,

Calendar year ending 2019-2023 Cerebrovascular diseases - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2019-2023 | Chronic lower respiratory diseases - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2019-2023 | Circulatory system - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2019-2023 | Diabetes - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2019-2023 | Diseases of the digestive system - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2019-2023 | Diseases of the respiratory system - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2019-2023 | Endocrine, nutritional and metabolic diseases - Potential Years of Life Lost rate (age standardized per 1,000): Vital

Statistics, Calendar year ending 2019-2023 | Influenza and pneumonia - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2019-2023 | Ischemic heart diseases - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2019-2023 | Lung/tracheal Cancer - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2019-2023 | Malignant neoplasms - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2019-2023 | Motor vehicle accidents - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2019-2023 | Suicide - Potential Years of Life Lost rate (age standardized per 1,000): Vital Statistics, Calendar year ending 2019-2023

Hospital Inpatient Care

Acute Care Inpatient Cases (age-standardized rate per 1,000 population aged 75 and over) - Ministry of Health Ideas, 2022/2023 | Alternative Level of Care Cases (age-standardized rate per 1,000 population) - Ministry of Health Ideas, 2022/2023 | Alternative Level of Care Cases (age-standardized rate per 1,000 population aged 75 and over) - Ministry of Health Ideas, 2022/2023 | Acute care day cases (age-standardized rate per 1,000 population) - Ministry of Health Ideas, 2022/2023 | Acute care day cases (age-standardized rate per 1,000 population aged 75+) - Ministry of Health Ideas, 2022/2023 | Alternative Level of Care Days (age-standardized rate per 1,000 population) - Ministry of Health Ideas, 2022/2023 | Alternative Level of Care Days (age-standardized rate per 1,000 population aged 75 and over) - Ministry of Health Ideas, 2022/2023 | Ambulatory Care Sensitive conditions (%) - Island Health - Ideas, 2023/2024 | Maternity Acute Care Utilization (case rate per 1,000 population) - Ministry of Health Ideas, 2022/2023 | Psychiatry (Dementia excluded) Acute Care Utilization (case rate per 1,000 population) - Ministry of Health Ideas, 2022/2023 | MRI Utilization - Outpatient MRI Exams (rate per 1,000 population) - Island Health, 2023/2024