



# Local Health Area Profile

**Comox Valley** - 431

**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](mailto: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.

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

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# Comox Valley Local Health Area (LHA)

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# LHA Overview

## Geography

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

## Population and Demographics

- ▶ Average Age
- ▶ Population Estimates

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*“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.”*

- **Island Health Purpose**

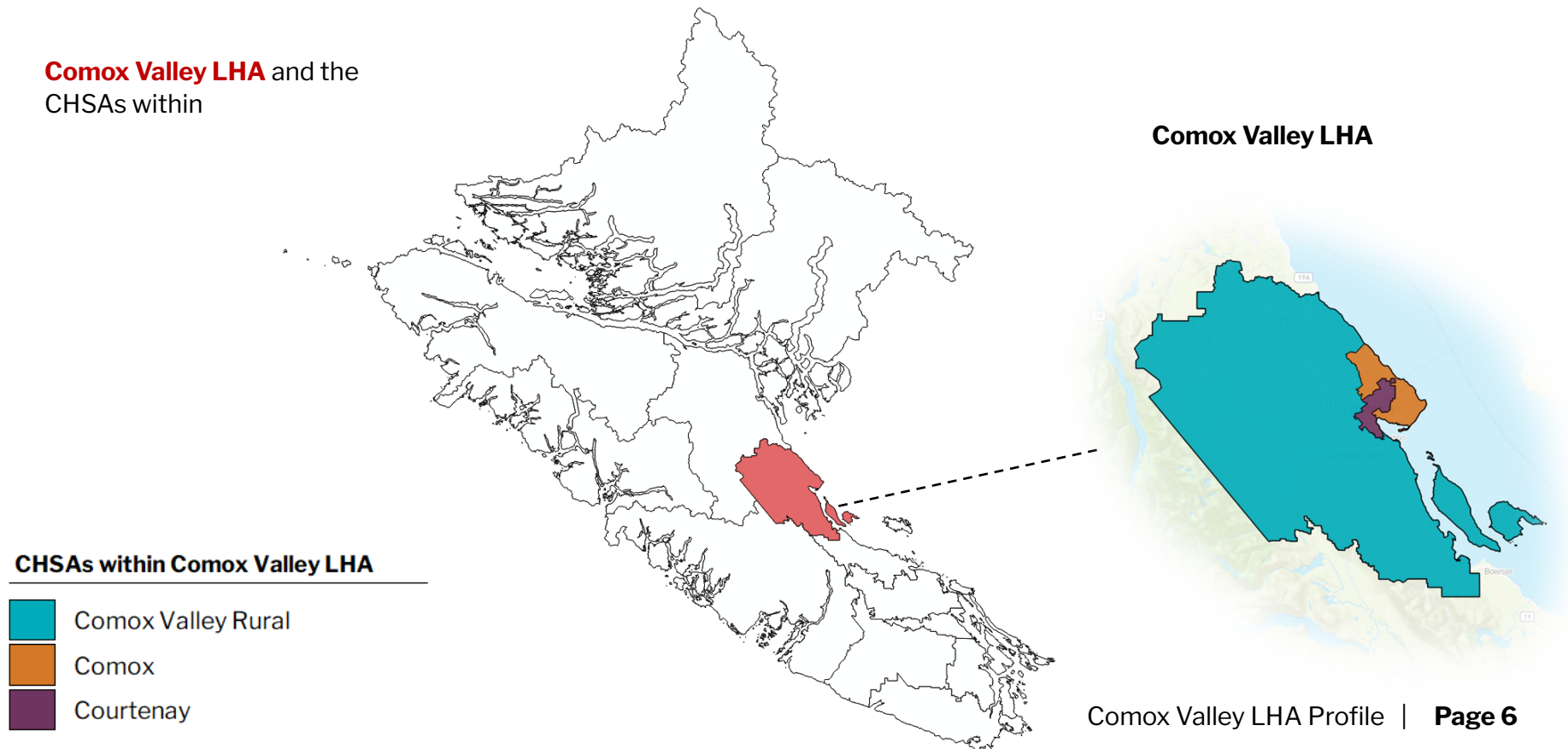


# Geography

The Comox Valley Local Health Area (LHA) is one of 14 LHAs in Island Health and is located in Island Health's North Island Health Service Delivery Area (HSDA). Comox Valley LHA is located in the southeast corner of the North Island HSDA, covering 1,740 square kilometres. It is situated on the unceded traditional territory of the K'ómoks First Nation. Comox Valley is home to the MIKI'SIW Métis Association, a chartered Métis community. The Comox Valley LHA encompasses the communities of: Courtenay, Comox, Cumberland, Denman Island, and Hornby Island. The LHA borders on three other LHAs: Greater Campbell River, Alberni-Clayoquot, and Oceanside. Courtenay is situated along highway 19. It is approximately a 45-minute drive from Campbell River and an hour drive from Parksville. There are more than 10 bus routes serving the Comox Valley area, a handyDART system, and a BC Ferries service from Fanny Bay to Denman and Hornby Islands. The Comox Valley LHA contains 3 unique Community Health Service Areas (CHSAs) within it. The areas can be viewed on the **map below**:

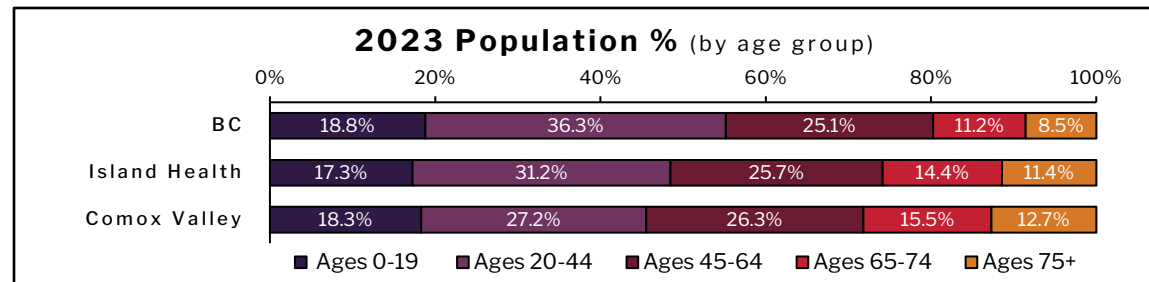
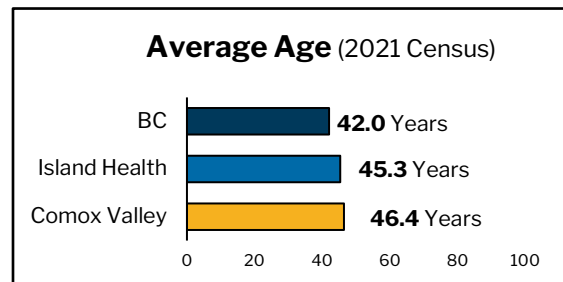
**Comox Valley LHA** and the CHSAs within

**Comox Valley LHA**



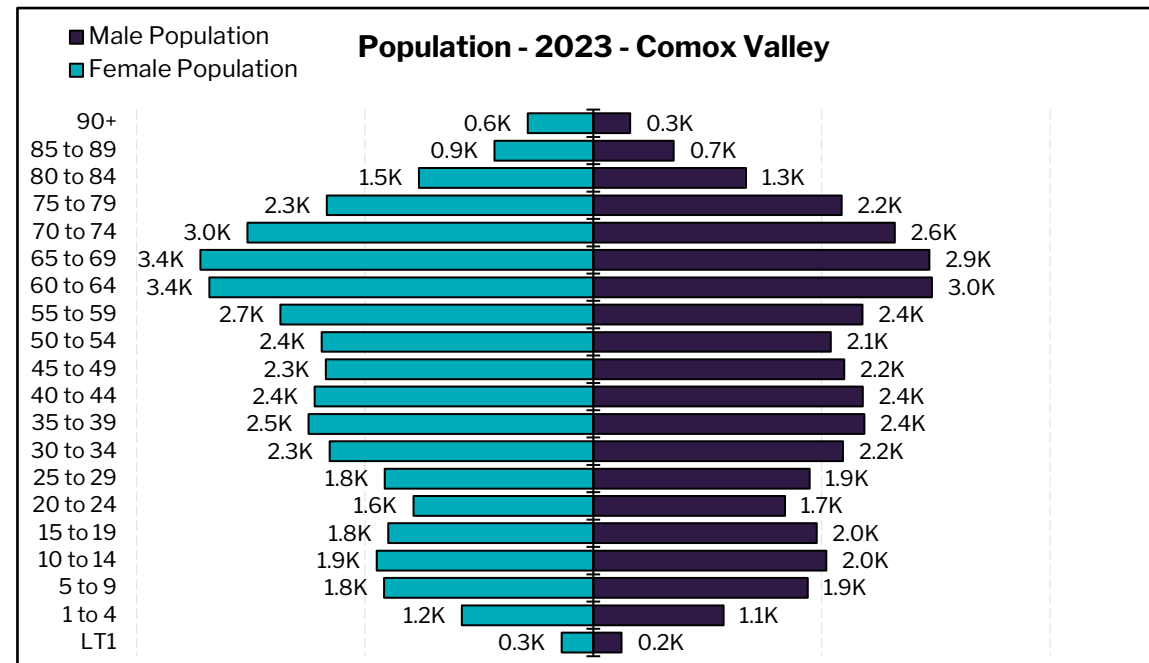
# Population and Demographics

As of 2023, the Comox Valley LHA is estimated to represent 8.6% (77,688 people) of Island Health's total population of 908,627. According to the 2021 Census, 7.3% of people living in the Comox Valley LHA identified themselves as Indigenous, compared to 7.8% across Island Health and 5.9% in BC. Additionally, 5.7% of people living in Comox Valley area identified themselves as a visible minority, compared to 11.6% across Island Health and 34.4% in BC.



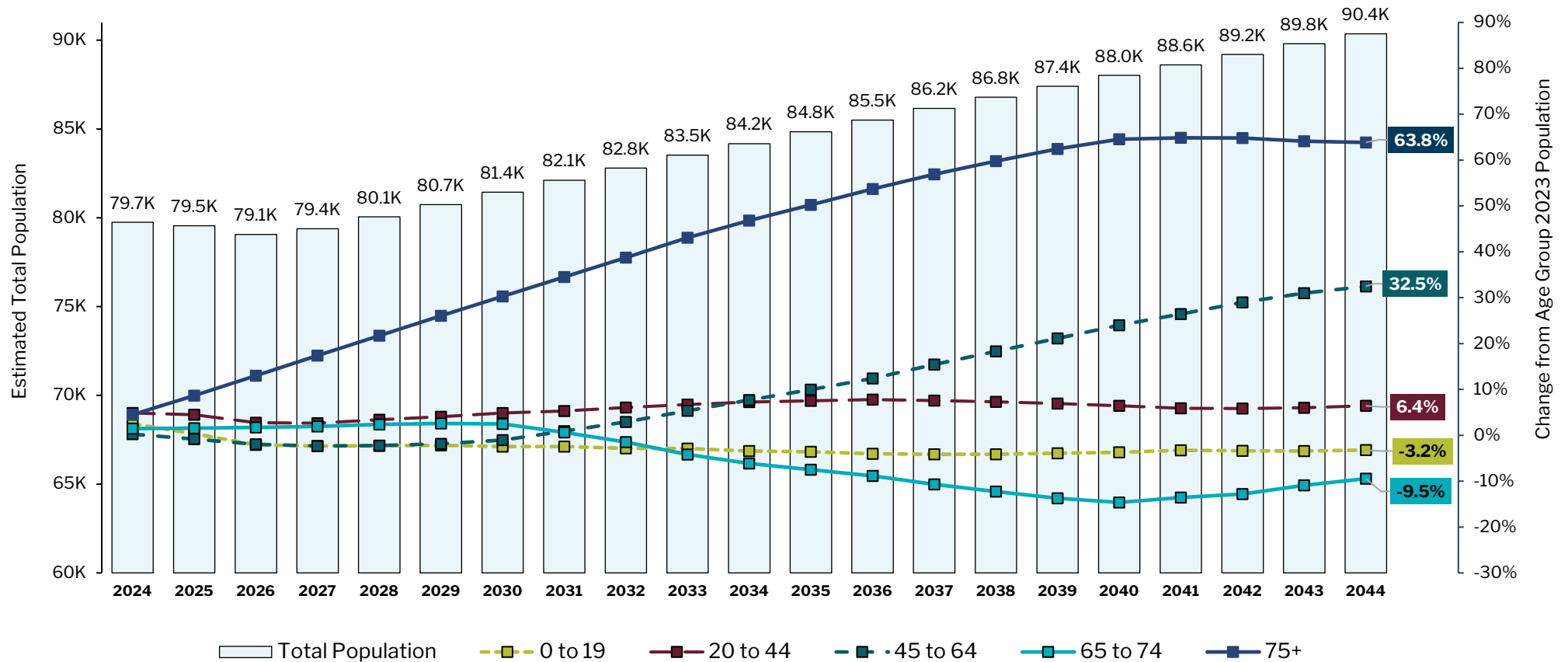
The population of Comox Valley (46.4 years) is older than Island Health overall (45.3 years) and older than BC overall (42.0 years). The 20-44 age group makes up the largest proportion of the population at 27.2%, which is less than both BC (36.3%) and Island Health (31.2%).

By the year 2044 the Comox Valley population is estimated to grow to a total of 90.4 thousand people. The 65-74 age group is expected to decline over the next 20 years, while the 75+ population of Comox Valley is expected to increase by 63.8%. The 0-19 age group is projected to decline by 3.2% over the next 20 years, and the 45-64 age group is expected to grow by 32.5% by the year 2044. The below chart highlights the estimated total



population projection along with change in age group population from the 2023 year. See the Population and Demographics summary on pages 28-29 for more information.

### Comox Valley Population Projections (2024 - 2044)





A vertical photograph on the left side of the slide 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 Behaviors 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

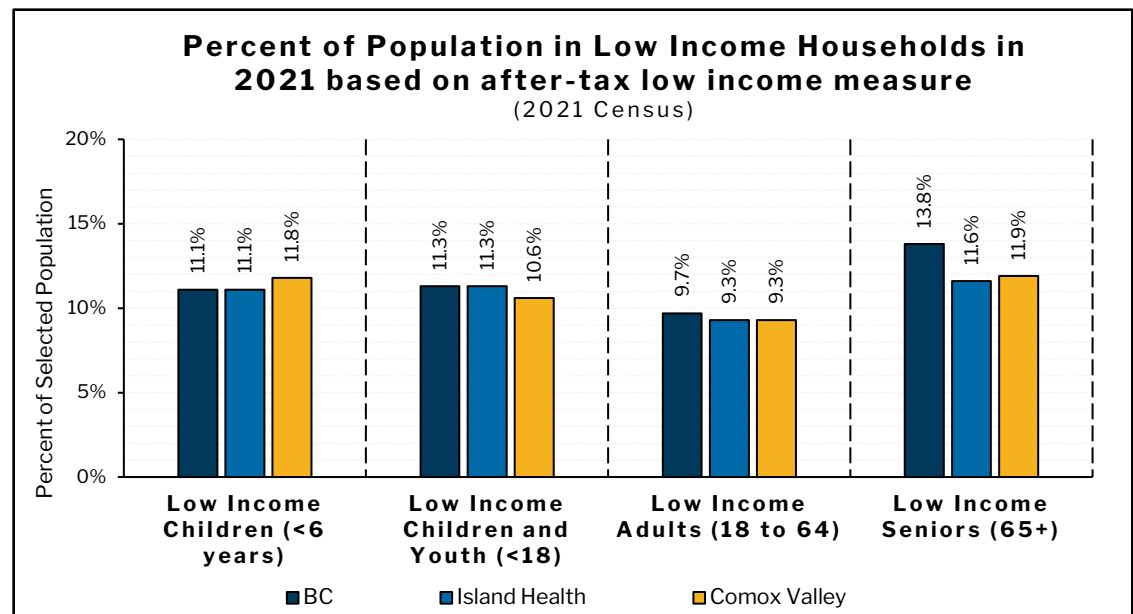
# Determinants of Health

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 Comox Valley was \$77,500 in 2021; lower than the BC median household income of \$85,000 and Island Health of \$80,000.

The after-tax Low Income Measure (LIM-AT) is defined as the number of persons in households for which their adjusted<sup>1</sup> household income is 50% or less of the median income in Canada. In Comox Valley, the proportion of the population living in low-income household is similar to Island Health overall. Compared to BC overall, Comox Valley has a lower proportion of seniors living in low-income households.



<sup>1</sup> "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.

Within Comox Valley, the Courtney CHSA has the highest percent of population with low income, for Children (<6 years) and Children and Youth (<18). The Comox Valley Rural CHSA has the highest proportion of low-income Adults (18-64) and Seniors (65+). The Comox CHSA has the smallest proportion of low-income households compared to the other the CHSAs which is notably lower than both Island Health and BC as a whole.

The unemployment rate In Comox Valley is lower than BC, and higher than Island Health (see page 30).

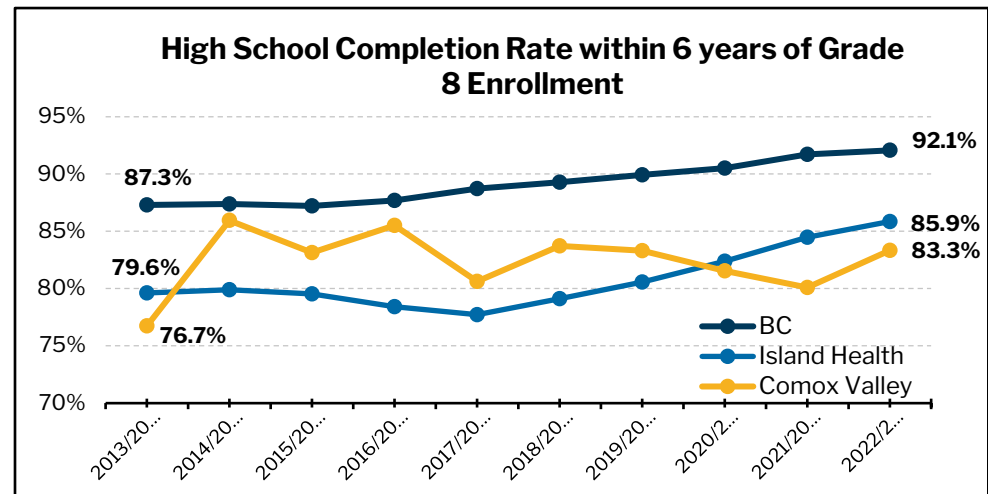
**Percent of Population in Low Income Households in 2021 based on after-tax low income measure (2021 Census)**

	<b>Low Income Children (&lt;6 years)</b>	<b>Low Income Children and Youth (&lt;18)</b>	<b>Low Income Adults (18 to 64)</b>	<b>Low Income Seniors (65+)</b>
<b>BC</b>	<b>11.1%</b>	<b>11.3%</b>	<b>9.7%</b>	<b>13.8%</b>
<b>Island Health</b>	<b>11.1%</b>	<b>11.3%</b>	<b>9.3%</b>	<b>11.6%</b>
<b>Comox Valley</b>	<b>11.8%</b>	<b>10.6%</b>	<b>9.3%</b>	<b>11.9%</b>
<b>CHSAs</b>				
Courtenay	15.4%	13.9%	10.0%	12.7%
Comox	8.0%	6.7%	7.3%	8.5%
Comox Valley Rural	11.0%	10.6%	10.4%	14.8%

## Education

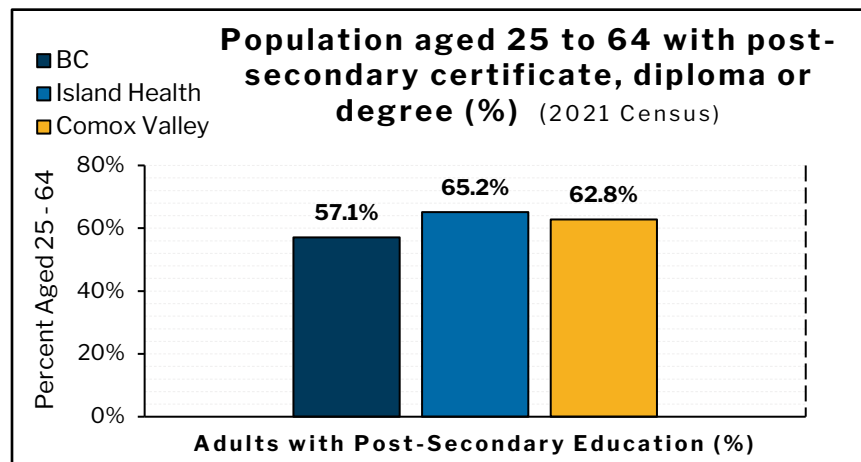
High school completion rates for Comox Valley have fluctuated over the last 10 years. As of 2022/2023, the high school completion rate is 83.3%, which is lower than the rates for both Island Health (85.9%) and BC overall (92.1%).

Census data from 2021 indicate that 62.8% of adults in Comox Valley aged 25 to 64 have completed some level of post-secondary education; this is lower than Island overall but higher than BC as a whole. The Comox CHSA has the highest proportion of adults with post-secondary education, followed by Comox Valley Rural and Courtenay.



**Population aged 25 to 64 with post-secondary certificate, diploma or degree (%) (2021 Census)**

<b>BC</b>	<b>57.1%</b>
<b>Island Health</b>	<b>65.2%</b>
<b>Comox Valley</b>	<b>62.8%</b>
<b>CHSAs</b>	
Courtenay	60.1%
Comox	66.7%
Comox Valley Rural	62.6%

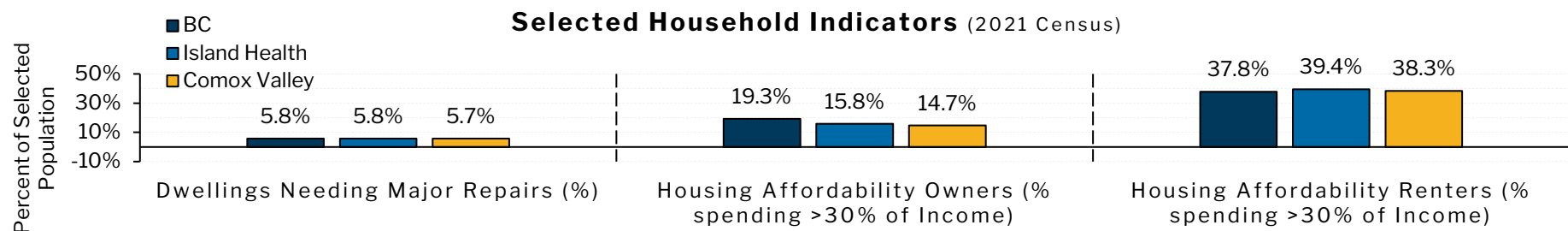




## Housing

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 Comox Valley, 38.3% of renters and 14.7% of owners are experiencing housing unaffordability. The proportion of renters spending more than 30% of income on housing in Comox Valley, is lower than Island Health and higher than BC. The proportion of owners spending more than 30% of income on housing in Comox Valley sits below both BC and Island Health.

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 Comox Valley, 5.7% of households are in need of major repairs, which is similar to Island Health and BC overall.



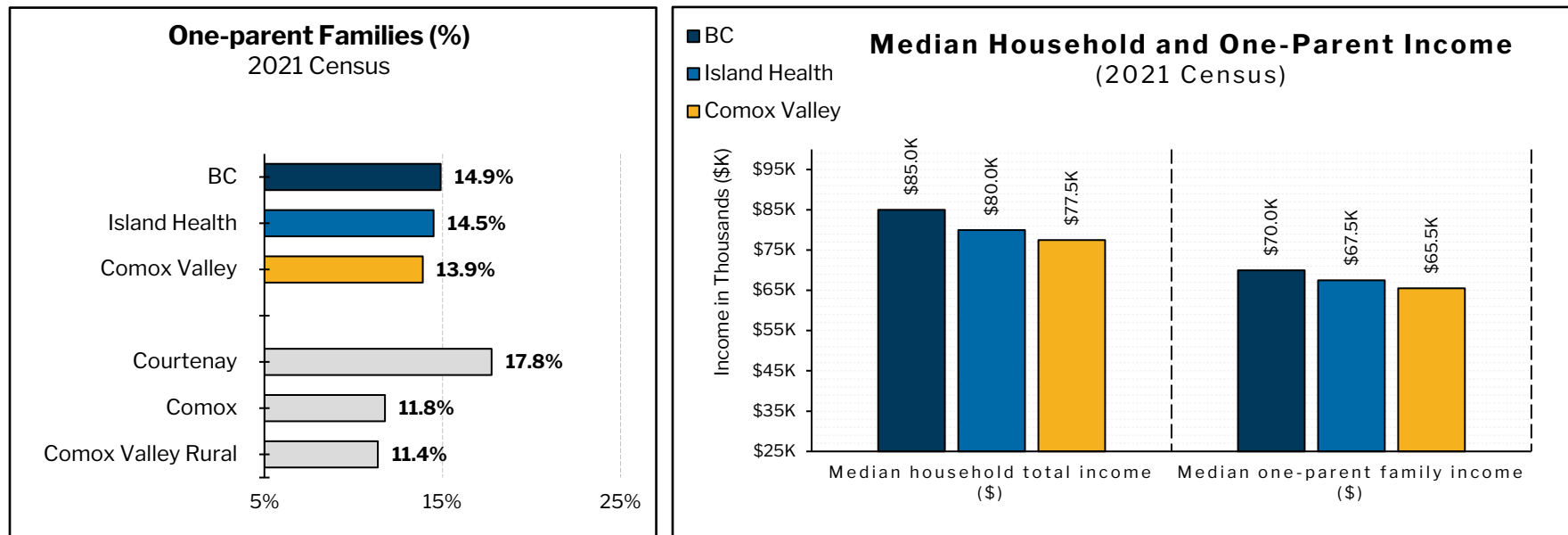
**Selected Household Indicators (2021 Census)**

	Dwellings Needing Major Repairs (%)	Housing Affordability Owners (% spending >30% of Income)	Housing Affordability Renters (% spending >30% of Income)
<b>BC</b>	<b>5.8%</b>	<b>19.3%</b>	<b>37.8%</b>
<b>Island Health</b>	<b>5.8%</b>	<b>15.8%</b>	<b>39.4%</b>
<b>Comox Valley</b>	<b>5.7%</b>	<b>14.7%</b>	<b>38.3%</b>
<b>CHSAs</b>			
Courtenay	4.9%	16.0%	42.5%
Comox	5.0%	13.1%	34.9%
Comox Valley Rural	7.7%	14.6%	32.8%

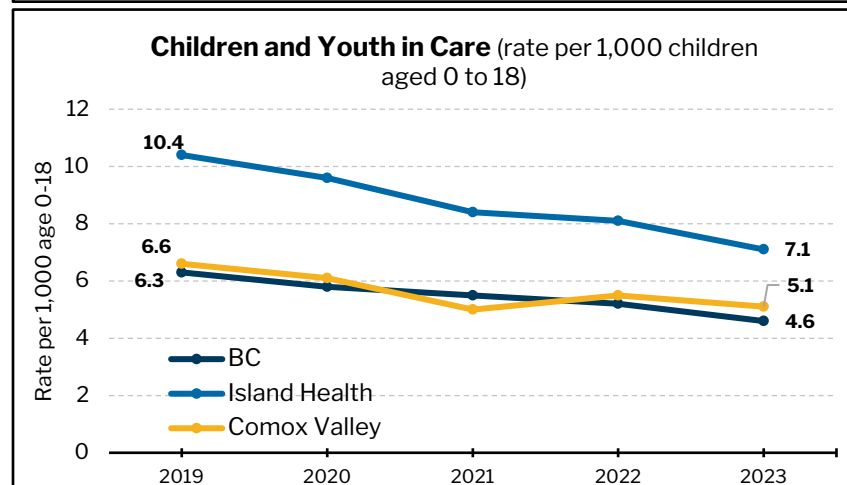
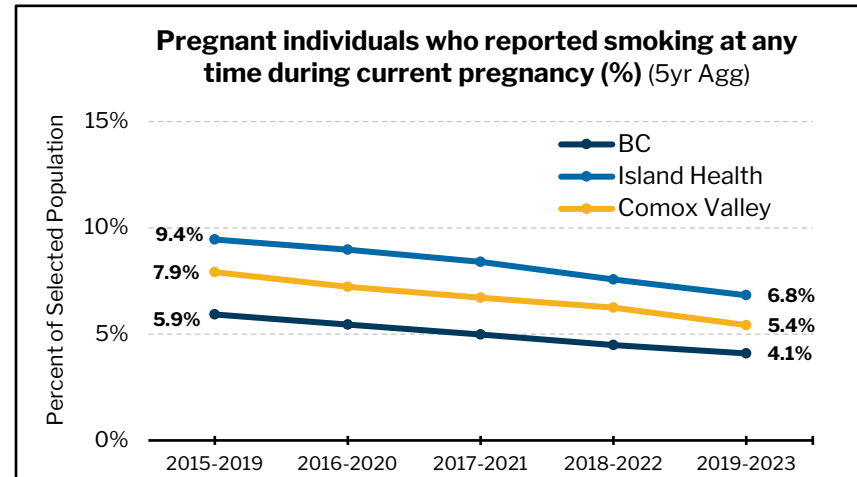
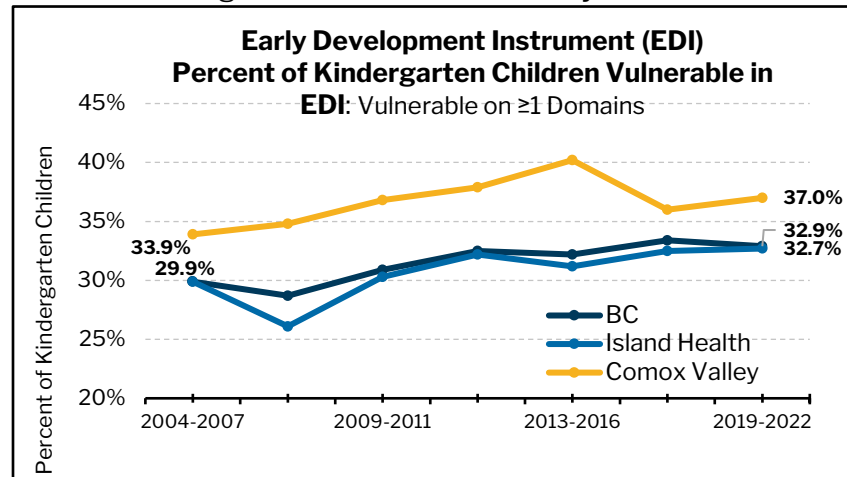
## Early Childhood Development

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 Comox Valley, 13.9% of all Census families are one-parent families, which is lower than both Island Health and BC. The median household income in Comox Valley is \$77.5K, lower than both Island Health (\$80.0K) and BC (\$85.0K). Similarly, the median one-parent family income in Comox Valley is \$65.5K, lower than Island Health (\$67.5K) and BC (\$70.0K).



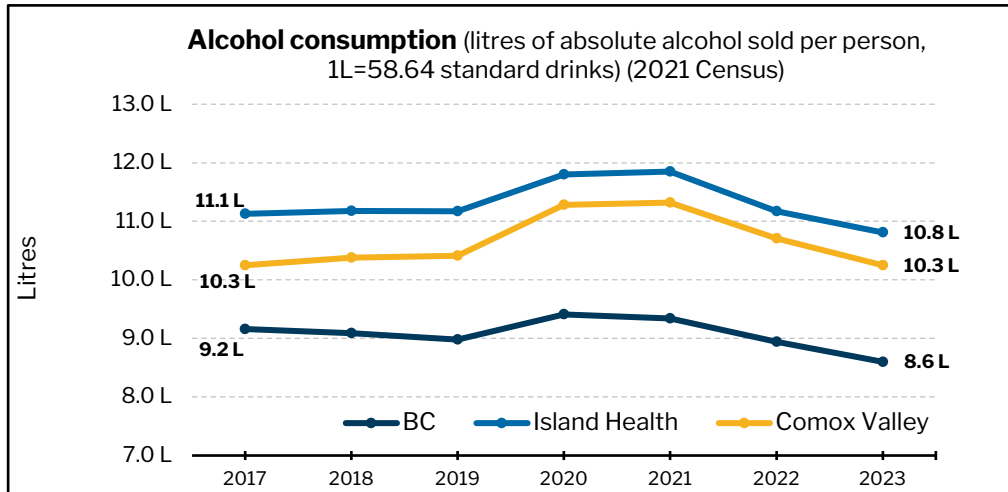
The Early Development Instrument (EDI) is used to measure vulnerability among kindergarten children across five domains (social, physical, emotional, language, and communication). Increases in the EDI rate are a negative indicator of child health and decreases are a positive indicator. Comox Valley has seen a recent decrease in levels of vulnerability for kindergarten children, reaching 37.0% in the 2019-2022 data collection period. Prior to 2013, there was a pattern of increasing vulnerability, reaching a high of 40.2% in the 2013-2016 data collection period. Compared to Island Health and BC overall, Comox Valley has higher levels of kindergarten children vulnerability.



Smoking during pregnancy has demonstrated negative effects for both the pregnant individual and baby. Overall, rates of smoking during pregnancy have been decreasing in Comox Valley since 2019, reaching 5.4% in 2023.

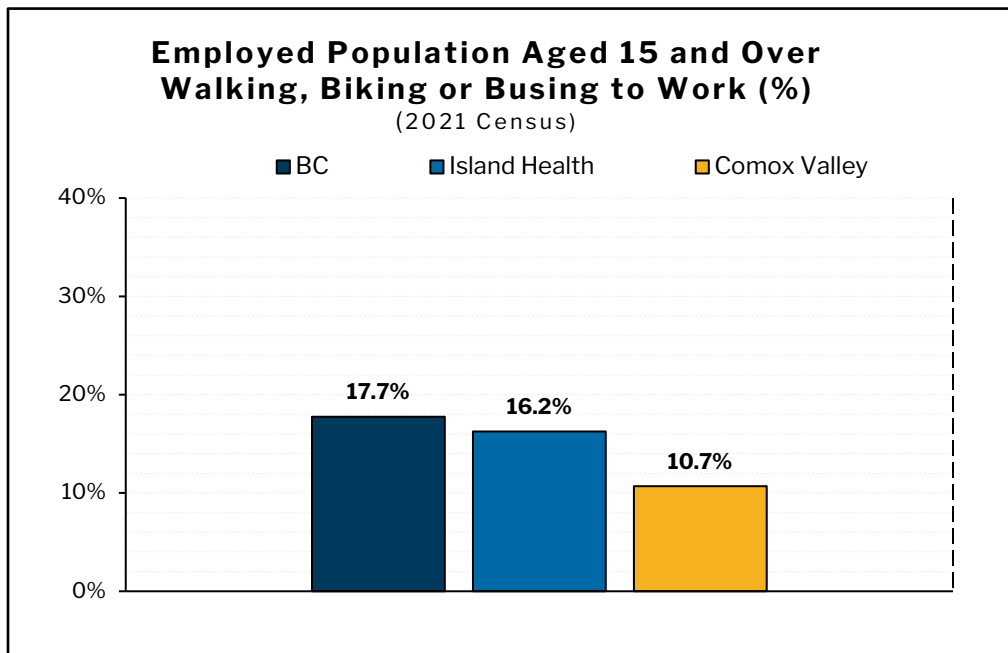
Rates of children and youth in care in Comox Valley have decreased over the past five years, from 6.6 per 1,000 population in 2019 to 5.1 per 1,000 population in 2023. This trend aligns with Island Health and BC overall. Rates for Comox Valley are lower than Island Health overall and comparable to BC. See the Determinants of Health summary on pages 30-33 for more information.

## Healthy Behaviors 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, in Comox Valley is lower than Island Health and higher than BC.

A smaller proportion of the employed population in Comox Valley report using sustainable transportation (walking, biking or busing) to commute to work compared to BC and Island Health. See the Determinants of Health summary on pages 30-33 for more information.



**Employed Population Aged 15 and Over Walking, Biking or Busing to Work (%) (2021 Census)**

<b>BC</b>	<b>17.7%</b>
<b>Island Health</b>	<b>16.2%</b>
<b>Comox Valley</b>	<b>10.7%</b>
<b>CHSAs</b>	
Courtenay	12.6%
Comox	10.8%
Comox Valley Rural	7.8%

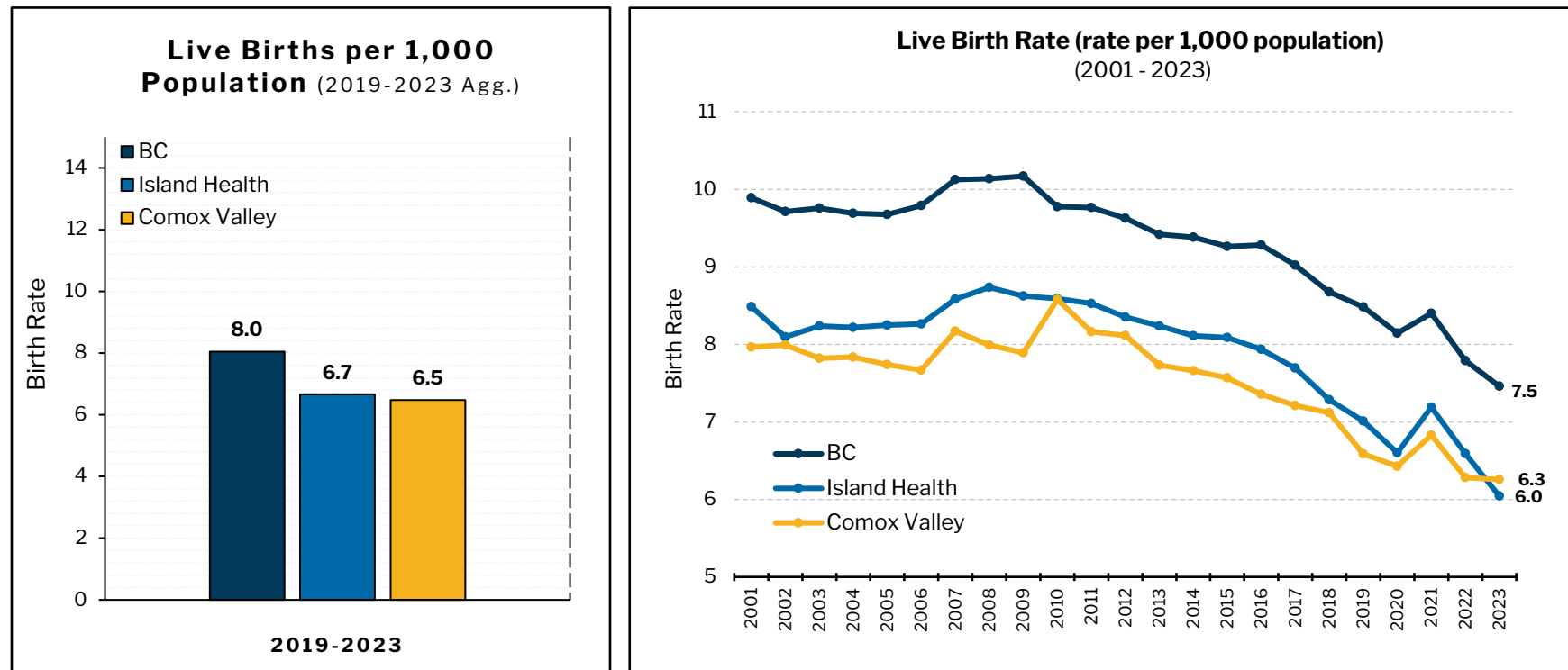


# Health Status

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.

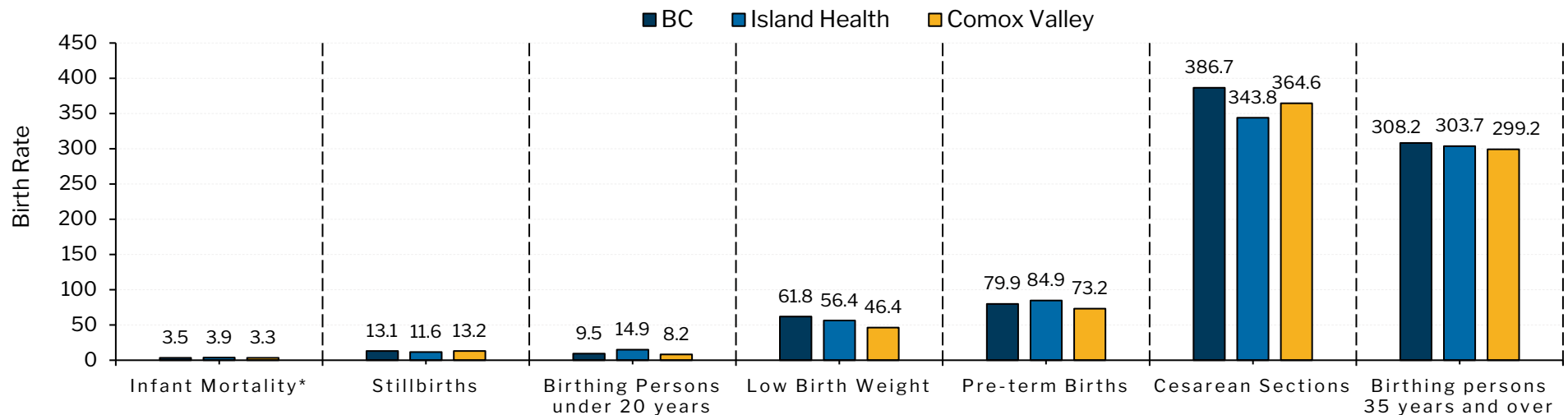
## Birth Statistics

The overall birth rate for Comox Valley in the 2019-2023 reporting period is 6.5 per 1,000 population; this is lower than the Island Health and BC rates. Since 2011, all geographies have been experiencing a decline in their live birth rate; Comox Valley's live birth rate reached 6.3 per 1,000 in 2023, compared to 6.0 for Island Health and 7.5 for BC.



The rate of birthing persons under 20 years old in Comox Valley is 8.2 per 1,000 live births while the rate of birthing persons 35 years and over is 299.2 per 1,000 live births. Compared to Island Health, Comox Valley has a lower rate of birthing persons under the age of 20 and of birthing persons 35 years and older. The rate of low-birth-weight babies sits below Island Health and BC, and the rate of pre-term births (those born at less than 37 weeks) is also lower than Island Health and BC.

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



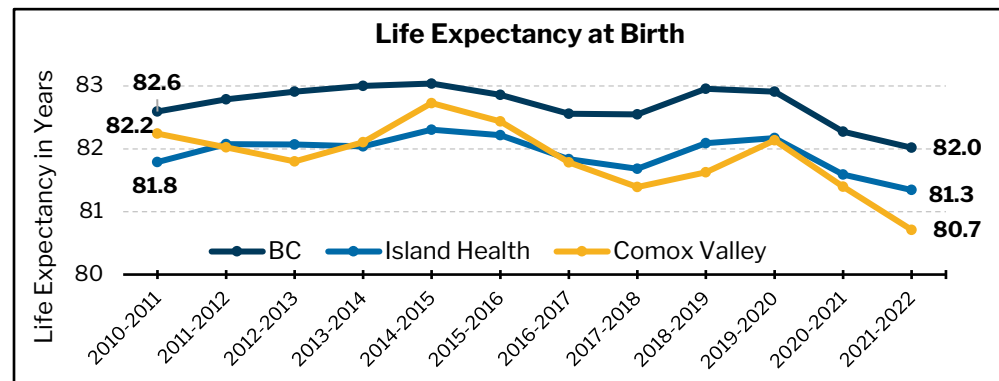
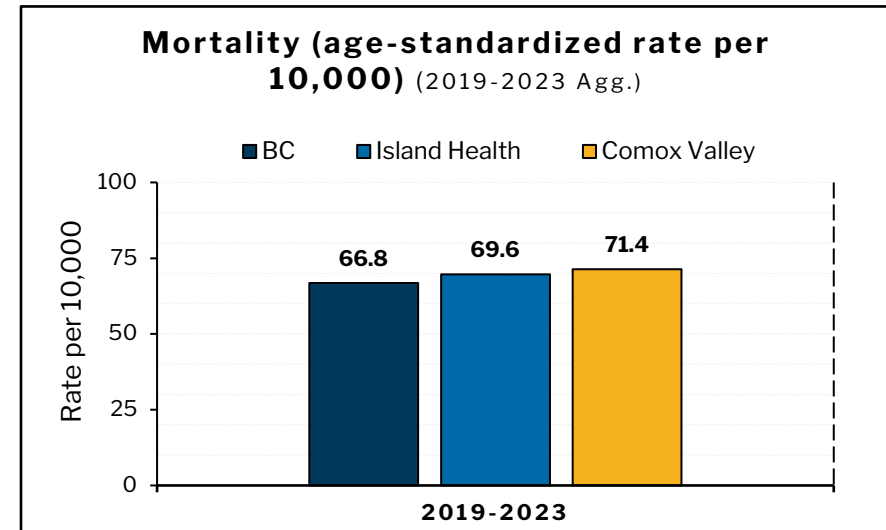
\* It is important to note that caution should be exercised when dealing with a small number of cases as an increase or decrease may indicate random variation rather than a significant change in rates.

## Mortality Statistics

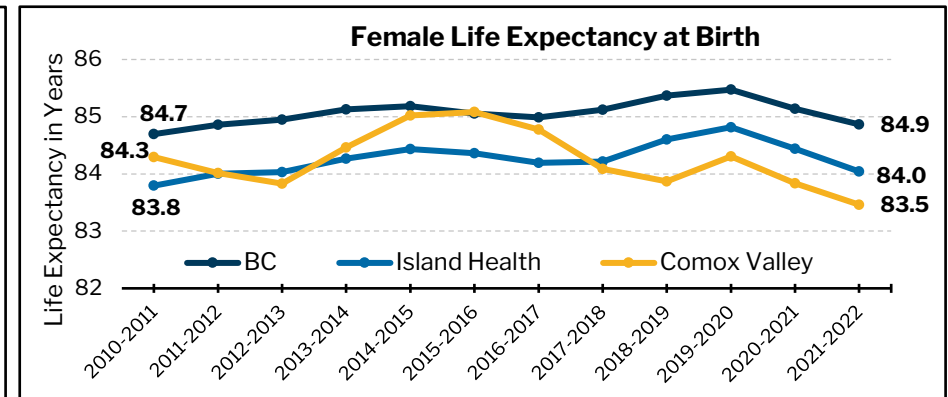
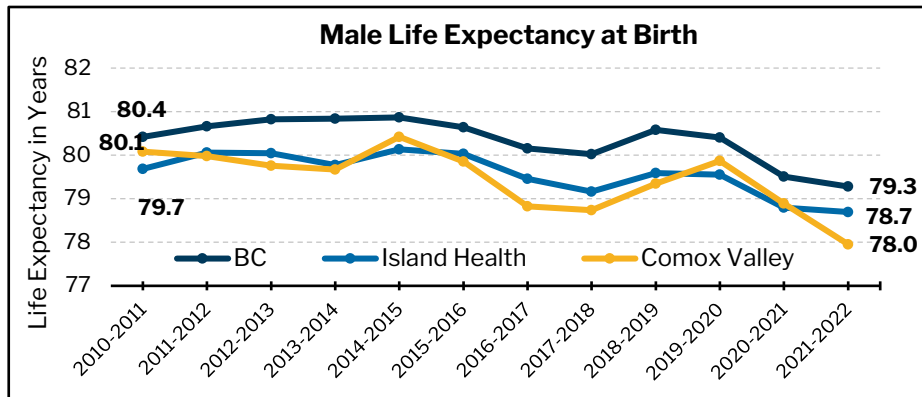
Mortality rates have increased in Comox Valley from 68.2 per 10,000 in 2013-2017 to 71.4 per 10,000 in years 2019-2023. The age standardized all-cause mortality rate per 10,000 in Comox Valley is higher than Island Health (69.6) and BC overall (66.8).pyll

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 Comox Valley is 58.8 years lost per 1,000 population. This is similar to the figure for Island Health (58.3) and higher than BC (52.3). The PYLL for most metrics for Comox Valley are comparable to Island Health, and higher than BC overall. A complete list of PYLL by cause can be found on page 39.

Life expectancy at birth in Comox Valley is 80.7 years as 2021-2022, which is lower than life expectancy for both Island Health (81.3 years) and BC (82.0 years). Since 2010-2011, this figure has decreased, following a similar pattern to what is seen for Island Health and BC overall



The life expectancy at birth 2021-2022 for males in Comox Valley was 78.0 years and for females was 83.5 years. For both males and females, this figure is lower than for Island Health (78.7 years and 84.0 years, respectively) and BC (79.3 years and 84.9 years, respectively).

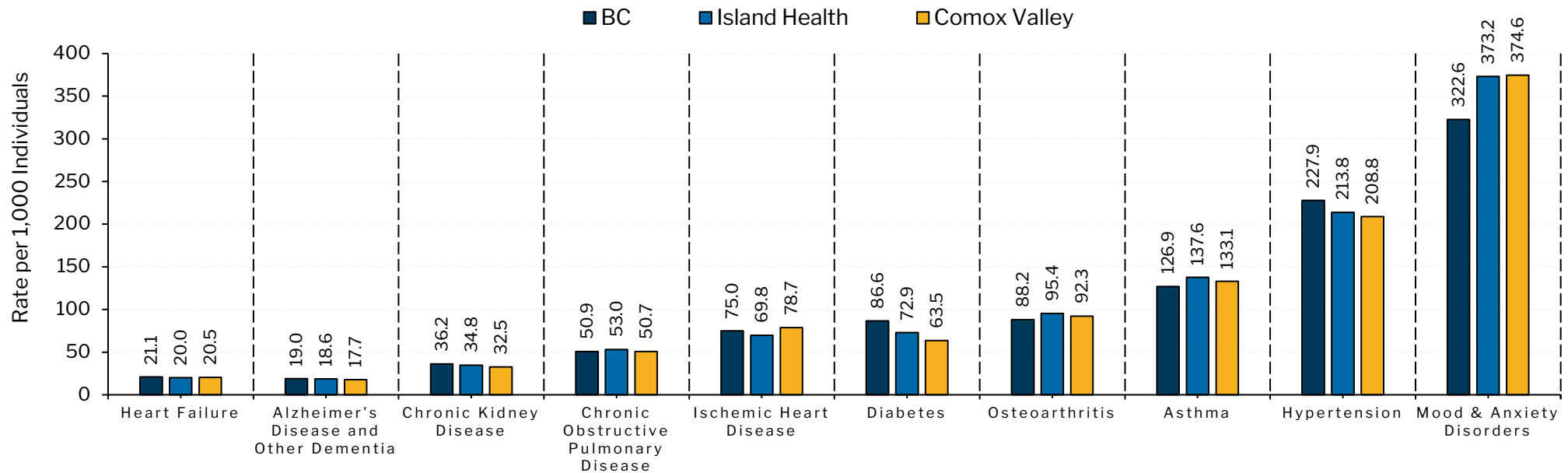




## Chronic Disease

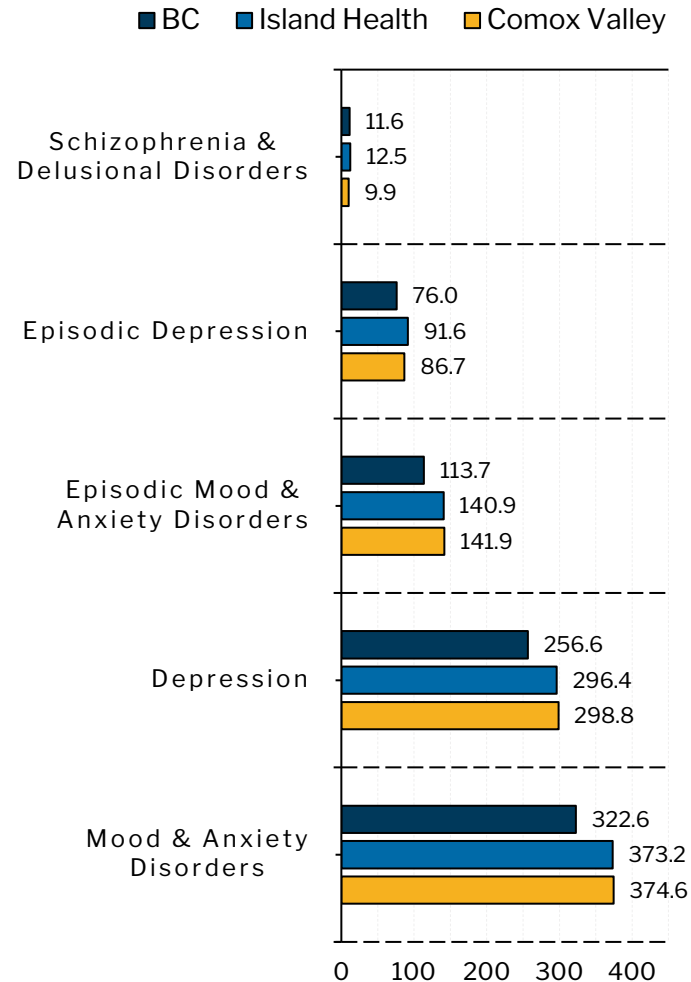
Among chronic diseases, prevalence rates for Comox Valley are comparable to Island Health and BC with a few exceptions. Mood and anxiety disorders have a higher prevalence rate in Comox Valley compared to BC overall. The prevalence rate for both diabetes and hypertension are slightly lower compared to BC overall. See the Health Status summary on pages 34-37 for more information.

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



## Mental Health & Substance Use

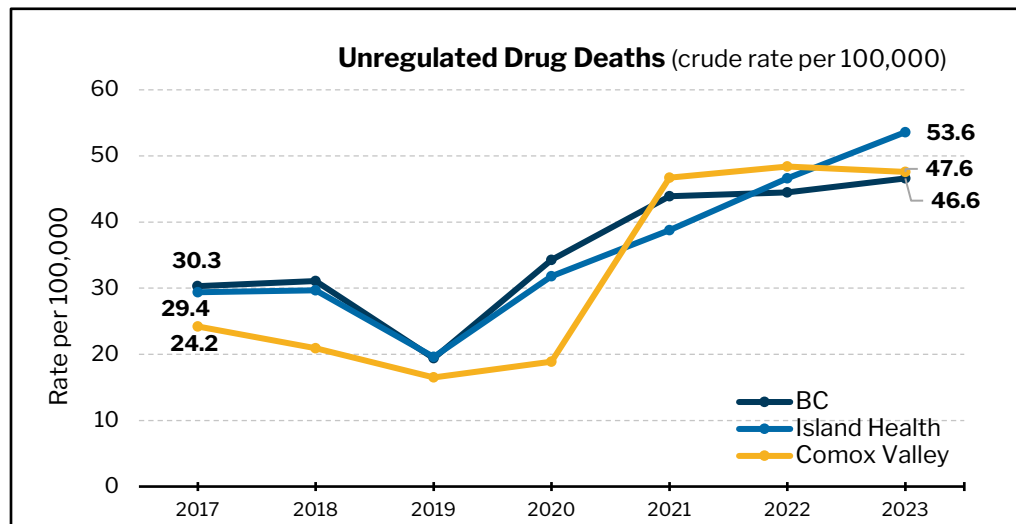
### Mental Health Disorders Age Standardized Prevalence per 1,000 Individuals, 2022/23



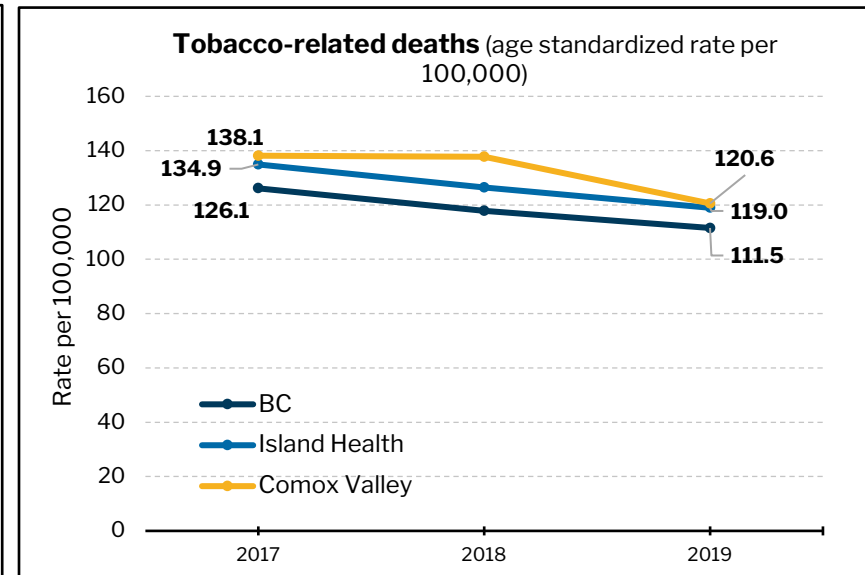
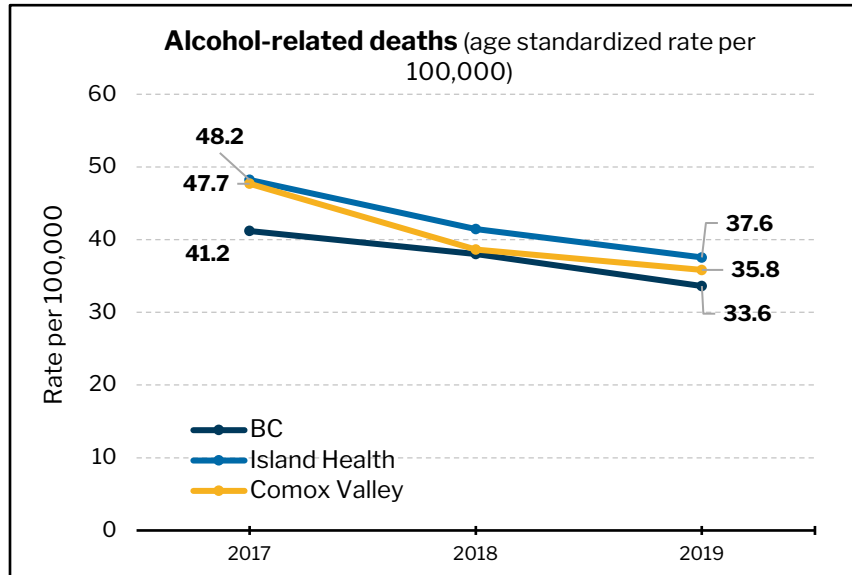
The most common mental health disorder in Comox Valley is mood and anxiety disorders, at a rate of 374.6 per 1,000 individuals. Among the commonly tracked mental health disorders, Comox Valley tends to have similar rates compared to Island Health and higher rates than BC overall, except for schizophrenia and delusional disorders where the prevalence is slightly lower in Comox Valley.

Since 2020, unregulated drug deaths have increased in Comox Valley, following the same pattern of increase observed in BC and Island Health.

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>.



Age standardized alcohol and tobacco related deaths decreased between 2017-2019. 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 41.



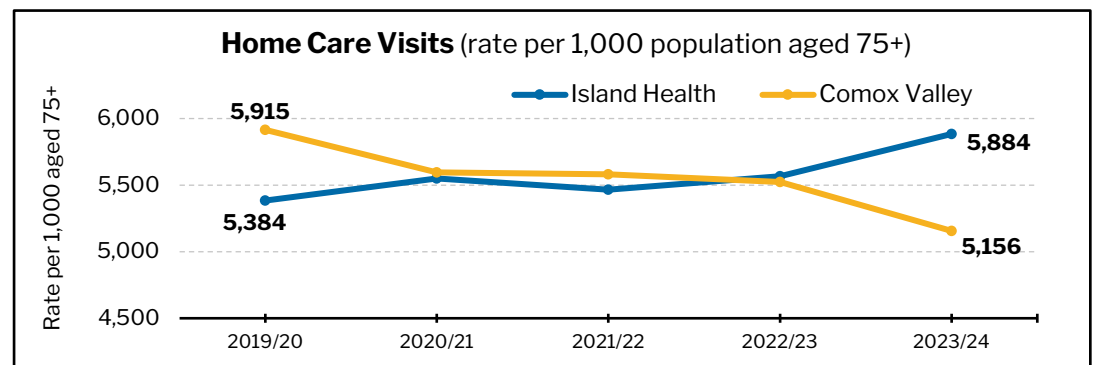
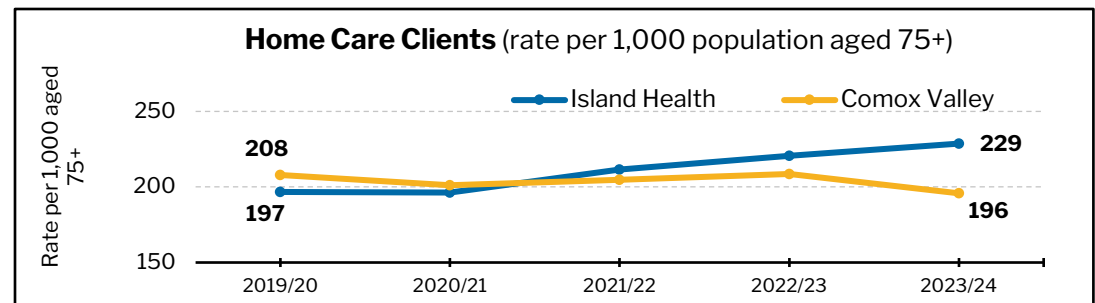
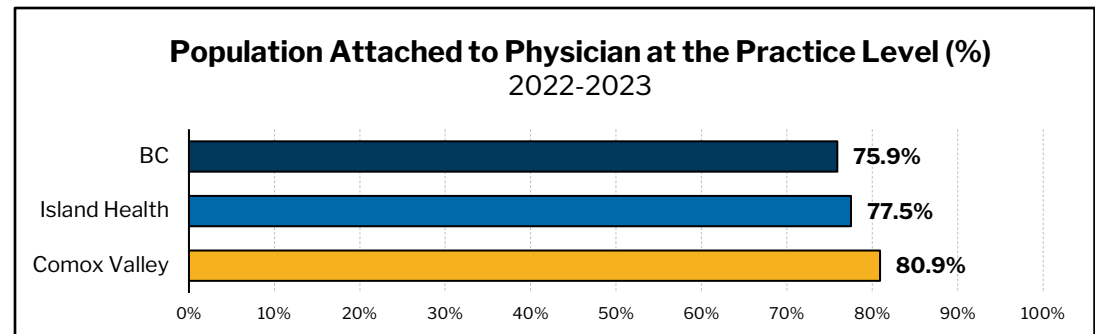
# Health Service Use

## Physician Attachment and Home-Care Visits

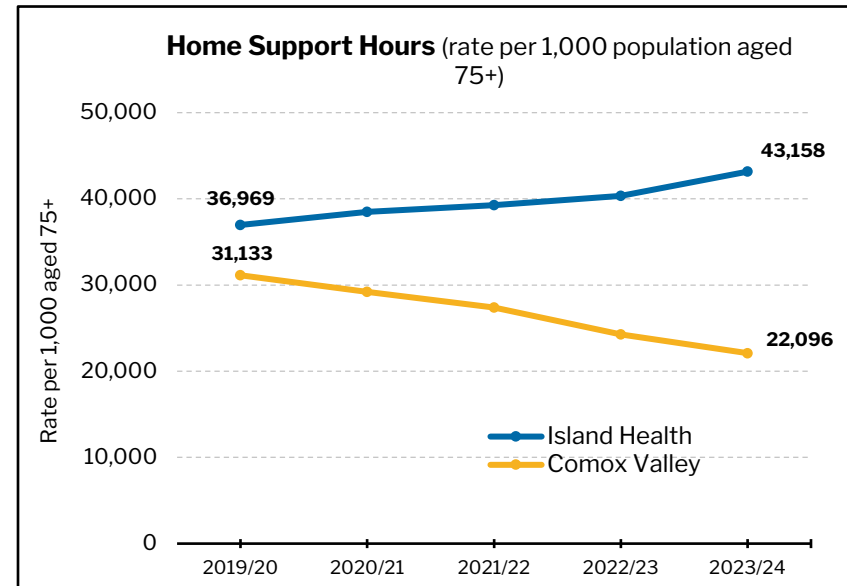
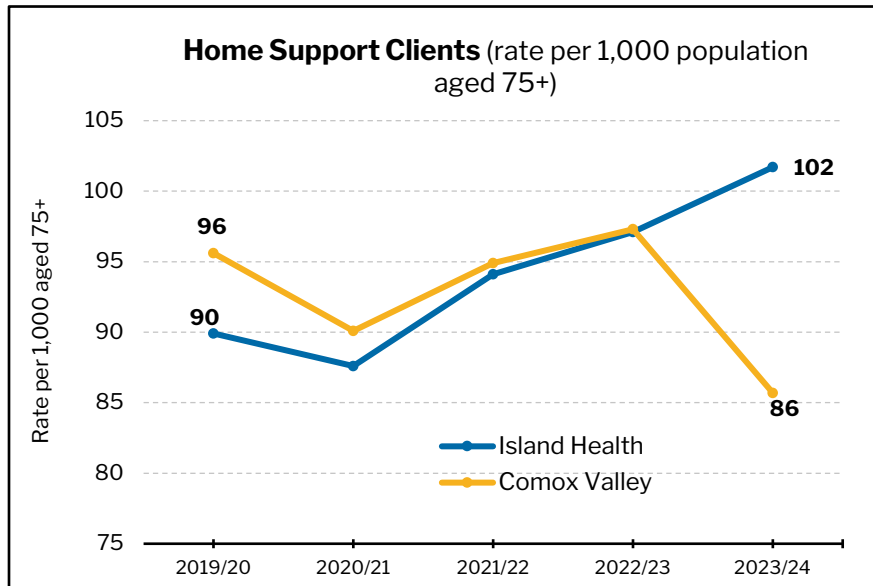
Access to primary care services plays an important role in the use of emergency department and inpatient services. The population attached to physicians at the practice level is calculated by the Ministry of Health and indicates the percentage of the population who have a regular physician or regular physician practice. In Comox Valley, 80.9% of the population has a physician at the practice level. This is higher than for both Island Health (77.5%) and BC (75.9%).

Since 2019/20, rates of both home care clients and home care visits have declined. This trend is in opposition to what has been occurring in Island Health more broadly, where the rate of home care clients has increased by 16% and the rate of home care visits has increased by 9%. See Health Service Use summary on pages 40 - 41 more information on these topics.

Similarly, the rate of home support clients and home support hours has decreased since 2019/20. Both rates of clients and hours remain below those for Island Health overall.

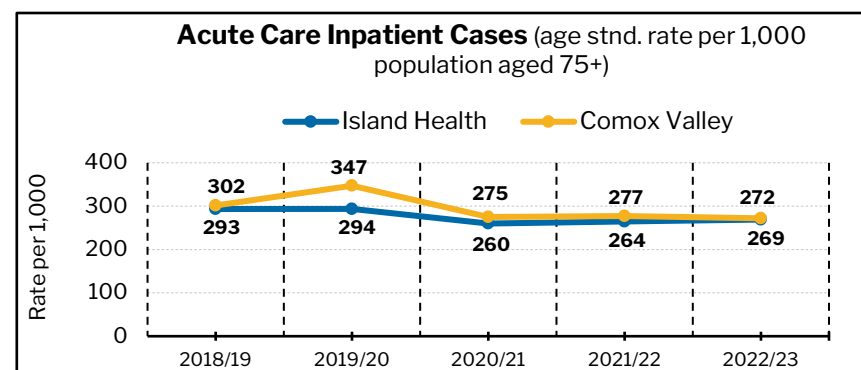
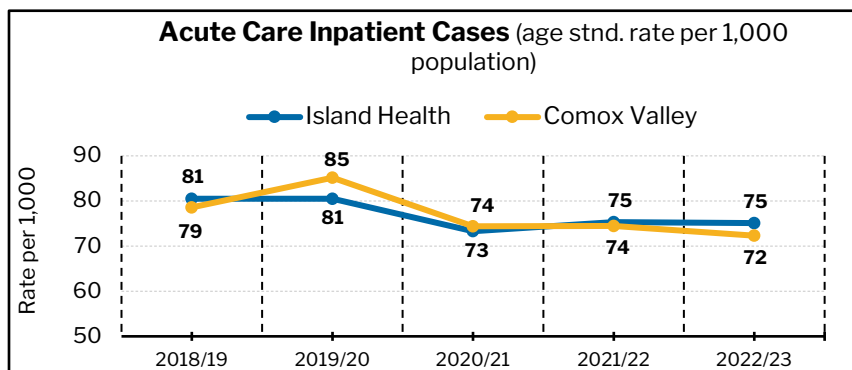






## Acute Care Inpatient Cases

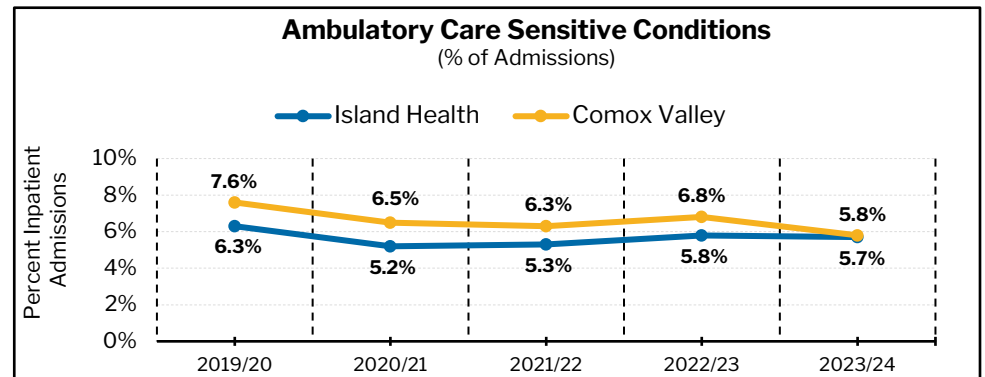
The age standardized hospitalization rate (inpatient admissions) for the Comox Valley was 72 per 1,000 population; this is lower than Island Health overall. When looking only at individuals over the age of 75, the age-standardized rate per 1,000 in Comox Valley is 272, which is similar to Island Health overall.



## Ambulatory Care Sensitive Conditions

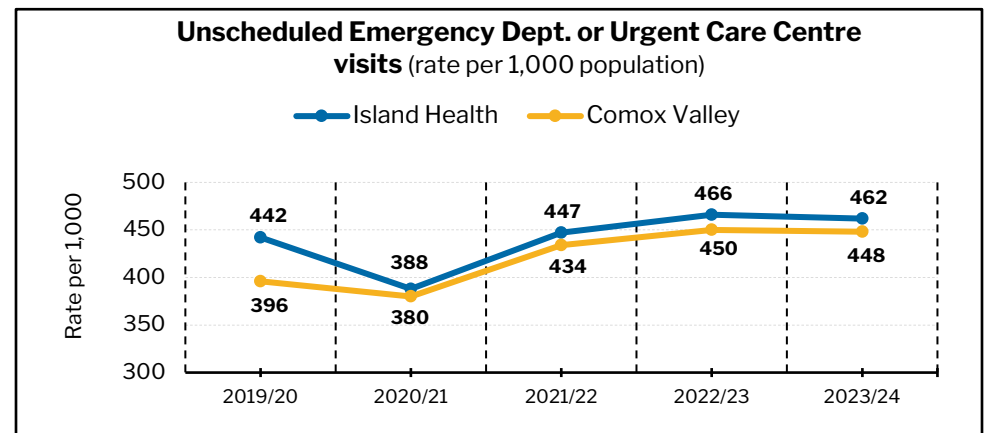
Ambulatory Care Sensitive Conditions (ACSCs) are conditions that can be treated in the community if services are available and would not necessarily require hospitalization. Tracking the percentage of hospital admissions due to ACSCs can provide an indicator of access to primary or other non-urgent care.

In Comox Valley, 5.8% of admissions in 2023/24 were attributable to ACSCs. This is comparable to Island Health overall at 5.7%.



## Emergency and Urgent Care Centre Visits

Emergency/urgent care visit rates in Comox Valley reached a five-year high in 2023/24, at 448 per 1,000 population. This is slightly lower than for Island Health overall at 462 visits per 1,000 population. See the Health Service Use summary on pages 40-41 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: Comox Valley, 412: Western Communities, 413: Saanich Peninsula, 414: Comox Valley, 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	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
<b>Morbidity</b>																	
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																	
				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
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 conditions (%)	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 conditions(%)	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 stdn. 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 stdn. 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 stdn. 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 stdn. 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 stdn. 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 stdn. 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 stdn. 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 stdn. 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 stdn. 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 stdn. 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 stdn. 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 stdn. 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 stdn. 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 stdn. 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 stdn. 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 stdn. 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, 2019-2023

**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