

2018 COMMUNITY PROFILE REPORT

# Revelstoke



APPLIED & INNOVATION  
RESEARCH CENTRE Selkirk College



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# INTRODUCTION

The City of Revelstoke is located on the Columbia River between the spectacular Monashee and Selkirk mountain ranges. Heritage homes, the Victorian ambience of downtown, museums, cultural attractions, and numerous outdoor recreation opportunities combine to make Revelstoke an unspoiled treasure in a mountain paradise. With its rich heritage and spectacular scenery, Revelstoke has a diverse economy, including transportation, forestry, and an ever-expanding tourism sector. See [www.revelstoke.ca](http://www.revelstoke.ca).

This report provides a profile of several indicators of well-being for the community of Revelstoke. As part of the State of the Basin program, the RDI has created community-specific reports for all municipalities in the Columbia Basin-Boundary region. The primary goal of the State of the Basin is to provide access to relevant data that is easily accessible to help inform decisions that lead to greater community and regional well-being. The Community Profiles are intended to share community-specific data with local governments and other organizations to help build a better understanding of local conditions and trends, and assist in making evidence-based planning and management decisions. These reports may also be useful for supporting communications with residents, and new resident, business and workforce attraction.



State of the Basin research draws on available data from a variety of sources including federal, provincial, and local governments, crown corporations, and non-profit initiatives. The RDI collects data from open access sources and through custom data requests. Indicators in this report are quantitative, and while quantitative indicators help establish foundational knowledge of well-being, they only tell part of the story. Qualitative information, including the RDI’s subjective well-being research, can further contribute to understanding the well-being of our communities and region. In order to understand geographic trends in indicators, this report compares community data with regional, provincial, and national data where appropriate. The geographic divisions used vary by indicator and depend on the topic being measured. **For additional community and regional comparisons for indicators in this report, please see the [State of the Basin reporting](#).**

For other research reports on Revelstoke please see the [RDI’s Communities of the Columbia Basin](#). Statistics Canada also offers a suite of data sets through their [Census Program](#), where you can search by place name and topic, and [Census Mapper](#) provides this data in mapped format. Interior Health has also developed [Community Health Profiles](#) for municipalities across BC, and the [Weather Network](#) offers a variety of weather and climate statistics. [BC Stats](#) and [Local Government Statistics](#) are other online sources of community-specific statistics.

If you have questions or feedback on this Community Profile, please [contact the RDI](#).



## LOCATION

<b>Regional District</b>	Columbia Shuswap Regional District
<b>Coordinates</b>	Longitude is 118°11'41"W Latitude is 50°59'57"N
<b>Elevation</b>	480 meters
<b>Municipal Area</b>	41.5 km <sup>2</sup>

## DEMOGRAPHICS

Population characteristics<sup>1,2</sup> help planners and local decision makers to evaluate current and future community needs, particularly with respect to service delivery and potential impacts to the local economy.

### Total Population

	2006	2011	2016	Percent change 2006 to 2016
<b>Revelstoke</b>	7,230	7,139	7,547	4.4%
<b>Columbia Shuswap Regional District</b>	55,485	50,512	51,366	-7.4%
<b>British Columbia</b>	4,113,490	4,400,057	4,648,055	13.0%

### Population Projections

	Percent change in population projected 2017 to 2037
<b>Revelstoke Local Health Area</b>	8%
<b>British Columbia</b>	22%

### Age Characteristics

	Revelstoke (2016)			British Columbia (2016)		
	Male	Female	Total	Male	Female	Total
<b>Children (0 to 14 yrs)</b>	585	595	1,185	355,400	335,985	691,390
<b>Emerging Labour Force (15 to 24 yrs)</b>	400	345	740	280,615	265,930	546,540
<b>Primary Labour Force (25 to 64 yrs)</b>	2,325	2,205	4,535	1,246,670	1,314,475	2,561,145
<b>Seniors (65+ yrs)</b>	510	560	1,075	395,560	453,425	848,985
<b>Total population</b>	3,835	3,715	7,545	2,278,245	2,369,815	4,648,055
<b>Average age of population (yrs)</b>	39.9	40.6	40.2	41.5	43.1	42.3

## FAMILIES & HOUSEHOLDS

Family characteristics<sup>1</sup> such as size and composition of families can help inform social, economic, health, and education programming, as well as planning and development around infrastructure needs.

## Family Characteristics

	Revelstoke (2016)	British Columbia (2016)
<b>Average household size</b>	2.3	2.4
<b>Total number of families in private households</b>	2,125	1,311,345
<b>Total couple families</b>	1,860	1,113,405
<b>Couples without children</b>	1,080	577,790
<b>Couples with children</b>	775	535,610
<b>One child</b>	325	221,065
<b>Two children</b>	355	230,705
<b>Three or more children</b>	95	83,840
<b>Total lone-parent families</b>	265	197,940
<b>Female parent</b>	190	155,670
<b>Male parent</b>	75	42,265
<b>One child</b>	160	125,890
<b>Two children</b>	80	54,900
<b>Three or more children</b>	20	17,145
<b>Total persons not in census families in private households (singles)</b>	1,715	882,895

## Marital Status

	Revelstoke (2016)			British Columbia (2016)		
	Male	Female	Total	Male	Female	Total
<b>Total population 15 years+</b>	3,240	3,120	6,365	1,922,840	2,033,825	3,956,665
<b>Married</b>	1,350	1,345	2,690	959,690	965,645	1,925,345
<b>Living common law</b>	535	540	1,075	186,485	185,505	371,985
<b>Single (never married)</b>	1,025	685	1,705	582,975	493,110	1,076,085
<b>Separated</b>	70	95	165	45,225	60,475	105,700
<b>Divorced</b>	190	230	415	103,475	160,395	263,870
<b>Widowed</b>	70	240	310	44,990	168,700	213,685

## MOBILITY

This indicator measures the movement of people into and out of the community with respect to where they lived five years prior. Non-movers are those who have not moved. Movers include non-migrants and migrants. Non-migrants are persons who did move, but remained in the community. Migrants include those who moved within the province (intraprovincial), as well as those who moved to or from another province (interprovincial), and those who moved to Canada from outside the country (external migrants).<sup>1</sup>

	Revelstoke (2016)	British Columbia (2016)	Canada (2016)
<b>Non-movers (%)</b>	59.4	57.4	61.8
<b>Movers non-migrants (%)</b>	19.9	21.7	20.7
<b>Intraprovincial migrants (%)</b>	7.9	11.6	10.6
<b>Interprovincial migrants (%)</b>	9.5	3.9	2.5
<b>External migrants (%)</b>	3.3	5.4	4.2

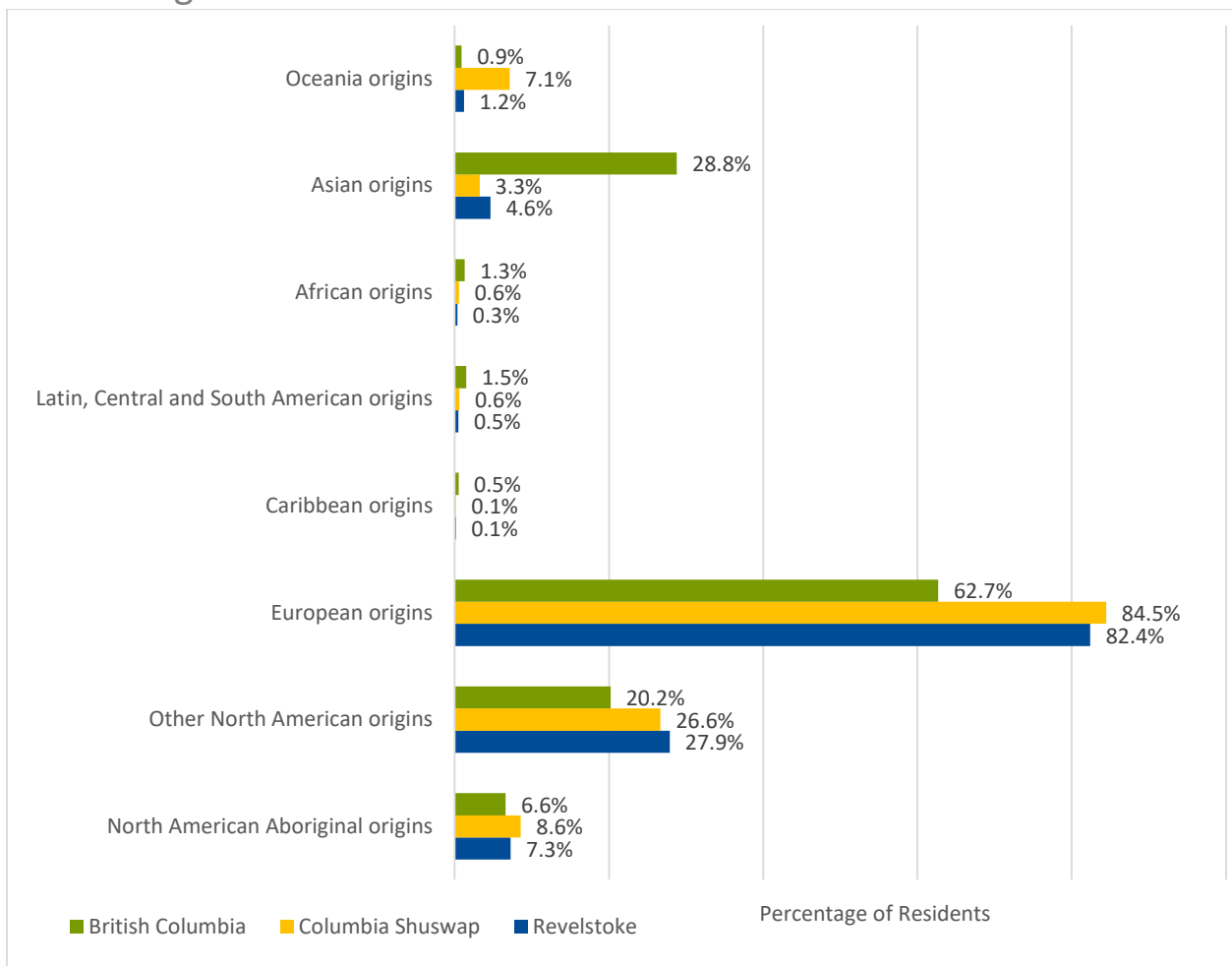
## CULTURAL CHARACTERISTICS

Culture is multi-faceted and dynamic, embracing several aspects that describe and shape our way of life. Language, ethnic origin, and Aboriginal identity are a few indicators that provide insight into a community's cultural diversity.<sup>1</sup>

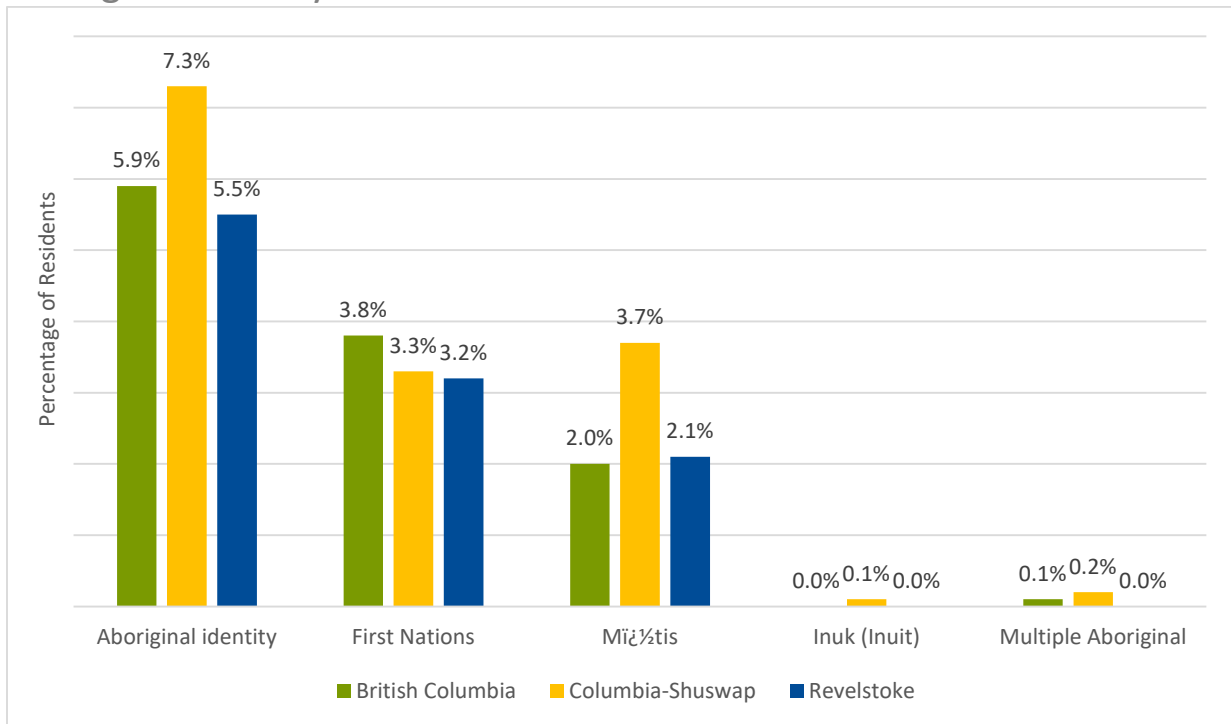
### Language Spoken Most Often at Home

	Revelstoke (2016)	Columbia Shuswap (2016)	British Columbia (2016)
<b>English (%)</b>	95.9	97.6	83.2
<b>French (%)</b>	1.6	0.6	0.4
<b>Non-official languages (%)</b>	2.5	1.8	16.4

### Ethnic Origin



## Aboriginal Identity



## INFRASTRUCTURE

Infrastructure is the physical foundation for community well-being. Water, sewer, utilities, roads, and waste management are all critical for a functioning healthy municipality.

### Water Services

<b>Provider</b>	City of Revelstoke
<b>Average per capita demand (2015)<sup>3</sup></b>	706 Litres
<b>Annual residential water rate (2018)</b>	\$425

\* For comparison, average per capita demand for BC is 494 litres (2016)<sup>4</sup>

### Sewer Services

<b>Provider</b>	City of Revelstoke
<b>Type of treatment</b>	Secondary
<b>Annual sewer rate (2018) (residential)</b>	\$284
<b>Annual sewer rate (2018) (industrial/commercial/institutional)</b>	<a href="#">varies by user type</a>

### Service Providers

<b>Electric power</b>	BC Hydro
<b>Propane</b>	Fortis BC
<b>Telecommunications<sup>5</sup></b>	Telus, Xplornet, Mascon Cable Systems, Bell, Rogers, Shaw



## Landfill & Waste Management

<b>Landfill location</b>	Revelstoke Landfill
<b>Regional District waste disposal rate (2016)<sup>6</sup></b>	643 kg/person/year
<b>Type of service</b>	curbside garbage and recycling pick up

\* For comparison, average per capita waste disposal rate for BC is 472 kg/person/year (2016)<sup>6</sup>

## Traffic Volumes

Station location <sup>7</sup>	Annual Average Daily Traffic	Monthly Average Daily Traffic	Monthly Average Daily Traffic
	(number of vehicles)	January	July
<b>Twin Slides, Route 1, approx. 47km East of Revelstoke (P-37-4EW)</b>	6,051	3,246	11,366

## BC Transit

Revelstoke is serviced by BC Transit's Revelstoke Transit System. This system includes four fixed-routes, as well as handyDART which assists people with permanent or temporary disabilities. There are also two Health Connections routes to assist with transportation to non-emergency medical appointments in Kamloops and Kelowna. These routes are offered through a partnership between Interior Health Authority, the City of Revelstoke, and BC Transit.

## HOUSING

Housing stock, diversity, availability, and costs are an important basic foundation to a functioning and affordable community. Several indicators related to housing are included in this community profile.<sup>1,8</sup>

### Dwellings by Structure

	Revelstoke (2016)	British Columbia (2016)
<b>Total number of occupied private dwellings</b>	3,250	1,881,970
<b>Single-detached house</b>	2,045	830,660
<b>Apartment in a building that has 5 or more storeys</b>	5	177,830
<b>Other attached dwelling</b>	720	824,190
<b>Semi-detached house</b>	140	830,660
<b>Row house</b>	105	147,830
<b>Apartment or flat in duplex</b>	75	230,075
<b>Apartment in a building that has fewer than 5 storeys</b>	395	385,140
<b>Other single-attached house</b>	10	3,755
<b>Moveable dwelling</b>	480	49,290

## Dwellings by Period of Construction

	Revelstoke (2016)	British Columbia (2016)
<b>Total number of occupied private dwellings</b>	3,255	1,881,970
<b>1960 or before</b>	840	267,560
<b>1961 to 1980</b>	1,430	559,485
<b>1981 to 1990</b>	305	289,565
<b>1991 to 2000</b>	285	331,865
<b>2001 to 2005</b>	60	125,335
<b>2006 to 2010</b>	165	171,945
<b>2011 to 2016</b>	170	136,210
<b>Private dwellings in need of major repairs</b>	7.5%	6.3%

## Residential Property Values

	Revelstoke (2018)	Columbia Basin-Boundary (2018)
<b>Number of single family dwellings</b>	1,958	45,145
<b>\$0 to \$99,999</b>	0.1%	2.0%
<b>\$100,000 to \$199,999</b>	1.1%	17.9%
<b>\$200,000 to \$299,999</b>	8.2%	31.3%
<b>\$300,000 to \$399,999</b>	31.1%	23.0%
<b>\$400,000 to \$499,999</b>	38.7%	13.4%
<b>\$500,000 to \$599,999</b>	14.1%	5.6%
<b>\$600,000 and over</b>	6.8%	6.7%
<b>Median value of dwelling</b>	\$424,000	\$295,600

\* For comparison, the median value of dwellings for BC is \$500,874<sup>1</sup>

## Household Occupation

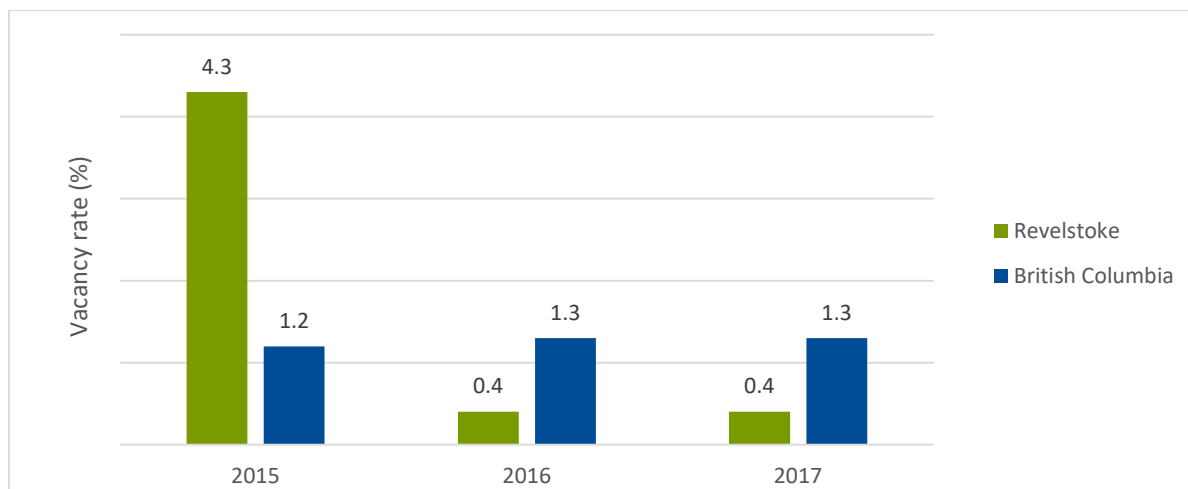
	Revelstoke (2016)	Columbia Shuswap (2016)	British Columbia (2016)
<b>Private dwellings occupied by usual residents (%)</b>	92%	75	91
<b>Private households who are owners (%)</b>	73.2	79.6	68
<b>Private households who are renters (%)</b>	26.8	20.2	31.8

## Housing Affordability

When more than 30% of a household's income is spent on shelter costs, the housing is deemed unaffordable. Shelter costs include electricity, oil, gas, wood, or other fuels, water and other municipal services, mortgage payments, property taxes, condominium fees, and rent. In Revelstoke, 17% of owner households and 42% of tenant households are spending more than 30% of their income on shelter related costs. For BC, the percentages are 21% of owner households and 43% of tenant households.

## Vacancy Rates

Vacancy rates<sup>9</sup> are an important indicator of the availability of affordable housing. A balanced vacancy rate is 3%.



## INCOME

Income is a substantial determinant of personal well-being and income levels reflect economic opportunity.

### Household Income

Before-tax household income <sup>1</sup> (2015)	Revelstoke		British Columbia		Canada	
	Number	%	Number	%	Number	%
<b>Under \$5,000</b>	35	1.1	43,415	2.3	228,790	1.6
<b>\$5,000 to \$9,999</b>	25	0.8	27,140	1.4	200,315	1.4
<b>\$10,000 to \$14,999</b>	105	3.2	55,745	3.0	374,575	2.7
<b>\$15,000 to \$19,999</b>	105	3.2	77,565	4.1	565,940	4.0
<b>\$20,000 to \$29,999</b>	250	7.7	151,680	8.1	1,141,510	8.1
<b>\$30,000 to \$39,999</b>	260	8.0	156,475	8.3	1,210,080	8.6
<b>\$40,000 to \$49,999</b>	245	7.5	152,635	8.1	1,174,435	8.3
<b>\$50,000 to \$59,999</b>	280	8.6	143,475	7.6	1,097,345	7.8
<b>\$60,000 to \$79,999</b>	470	14.5	255,195	13.6	1,934,735	13.7
<b>\$80,000 to \$99,999</b>	440	13.5	210,770	11.2	1,582,420	11.2
<b>\$100,00 to \$124,999</b>	395	12.2	198,140	10.5	1,470,255	10.4
<b>\$125,000 to \$149,999</b>	290	8.9	138,420	7.4	1,016,245	7.2
<b>\$150,000 and over</b>	355	10.9	271,290	14.4	2,075,425	14.7
<b>Median</b>	\$74,659		\$69,995		\$70,336	
<b>Average</b>	\$83,665		\$90,354		\$92,764	

## Source of Income

Source of Income <sup>10</sup> (2015)	Revelstoke	British Columbia	Canada
Employment income (% taxfilers)	82.8	77.4	75.8
Self-employment income (% taxfilers)	15.9	17.8	15.6
Investment income (% taxfilers)	38.1	40.2	35.4
Employment insurance (% taxfilers)	18.9	11.5	13.8
Old Age Security / Net Federal Supplement (% taxfilers)	20.1	26.3	25.5
Canada Pension Plan/Quebec Pension Plan (% taxfilers)	28.9	32.6	32.4
Canada Child Tax Benefit (% taxfilers)	21.4	22.1	24.4
Workers compensation (% taxfilers)	6.2	4.2	3.5
Social assistance (% taxfilers)	4.2	6.6	9.2
Private pensions (% taxfilers)	19.7	21.6	21.2
RRSPs (% taxfilers)	2.7	2.7	2.4
Other income (% taxfilers)	25.4	27.8	26.0

## Low Income Measure

The Low Income Measure (LIM) is a commonly-used indicator of poverty.<sup>11</sup> It is a fixed percentage (50%) of median adjusted household income, where “adjusted” means that household needs are taken into account. A family is considered to have low income when their income is below the LIM for their family type and size. According to 2015 taxfiler data, 11% of people in Revelstoke are considered to be low income. The provincial average is 15%.

## LABOUR FORCE

### Class of Worker & Occupation

	# Employees	%	# Self-employed	%	Occupation	#	%
<b>Revelstoke (2016)<sup>1</sup></b>	3,865	88	525	12	Management	415	9
					Business, finance & admin	430	10
					Natural & applied sciences	320	7
					Health	245	6
					Education, law & social, community & government	360	8
					Art, culture, recreation & sport	135	3
					Sales & service	1,085	25
					Trades, transport & equipment operators and related	1,015	23
					Natural resources, agriculture & related production	185	4
					Manufacturing & utilities	195	4

<b>Columbia Shuswap Regional District (2016)<sup>1</sup></b>	20,610	82	4,495	18	Management	2,910	12
					Business, finance & admin	2,790	11
					Natural & applied sciences	1,275	5
					Health	1,525	6
					Education, law & social, community & government	2,030	8
					Art, culture, recreation & sport	640	3
					Sales & service	6,325	25
					Trades, transport & equipment operators and related	5,180	21
					Natural resources, agriculture & related production	1,320	5
					Manufacturing & utilities	1,115	4
<b>British Columbia (2016)<sup>1</sup></b>	2,084,470	86	343,395	14	Management	275,000	11
					Business, finance & admin	368,940	15
					Natural & applied sciences	161,520	7
					Health	162,865	7
					Education, law & social, community & government	269,255	11
					Art, culture, recreation & sport	93,100	4
					Sales & service	595,225	25
					Trades, transport & equipment operators and related	360,970	15
					Natural resources, agriculture & related production	64,235	3
					Manufacturing & utilities	76,745	3

## Labour Force by Industry

Industry <sup>1</sup> (2016)	Revelstoke		British Columbia		Canada	
		%		%		%
Agriculture, forestry, fishing and hunting		3		3		2
Mining, quarrying, and oil and gas extraction		1		1		1
Utilities		1		1		1
Construction		10		8		7
Manufacturing		8		6		9
Wholesale trade		1		3		4
Retail trade		9		12		12
Transportation and warehousing		9		5		5
Information and cultural industries		1		3		2
Finance and insurance		2		4		4
Real estate and rental and leasing		1		2		2
Professional, scientific and technical services		4		8		7
Management of companies and enterprises		0		0		0
Administrative and support, waste management and remediation services		3		4		4
Educational services		6		7		7
Health care and social assistance		9		11		12
Arts, entertainment and recreation		8		2		2
Accommodation and food services		15		9		7
Other services (except public administration)		4		5		4
Public administration		4		5		6

## Place of Work

Place <sup>1</sup> (2016)	Revelstoke		British Columbia		Canada	
	Number	%	Number	%	Number	%
Worked at home	240	6	1,96,510	9	1,272,285	7
Worked outside Canada	0	0	16,040	1	78,815	0
No fixed workplace address	680	17	326,180	14	1,987,260	12
Worked at usual place	3,110	77	1,766,965	77	13,891,675	81



## Commute to Work

Commute Duration <sup>1</sup> (2016)	Revelstoke	British Columbia
	%	%
Less than 15 minutes	75.2	28.8
15 to 29 minutes	13.6	32.9
30 to 44 minutes	3.4	20.3
45 to 59 minutes	1.6	8.8
60 minutes or more	6.2	9.1

## Unemployment

Unemployment rates are a strong indicator of economic health. Unemployment rates based on the 2016 Census are shown.<sup>1</sup> [Labour Force Survey](#) data is available at a regional scale and is updated more frequently.

	Total	Male	Female
Revelstoke	8.5	9.9	7.1
Columbia Shuswap Regional District	9.0	10.6	7.2
British Columbia	6.7	7.1	6.3

## Labour Force Replacement Ratio

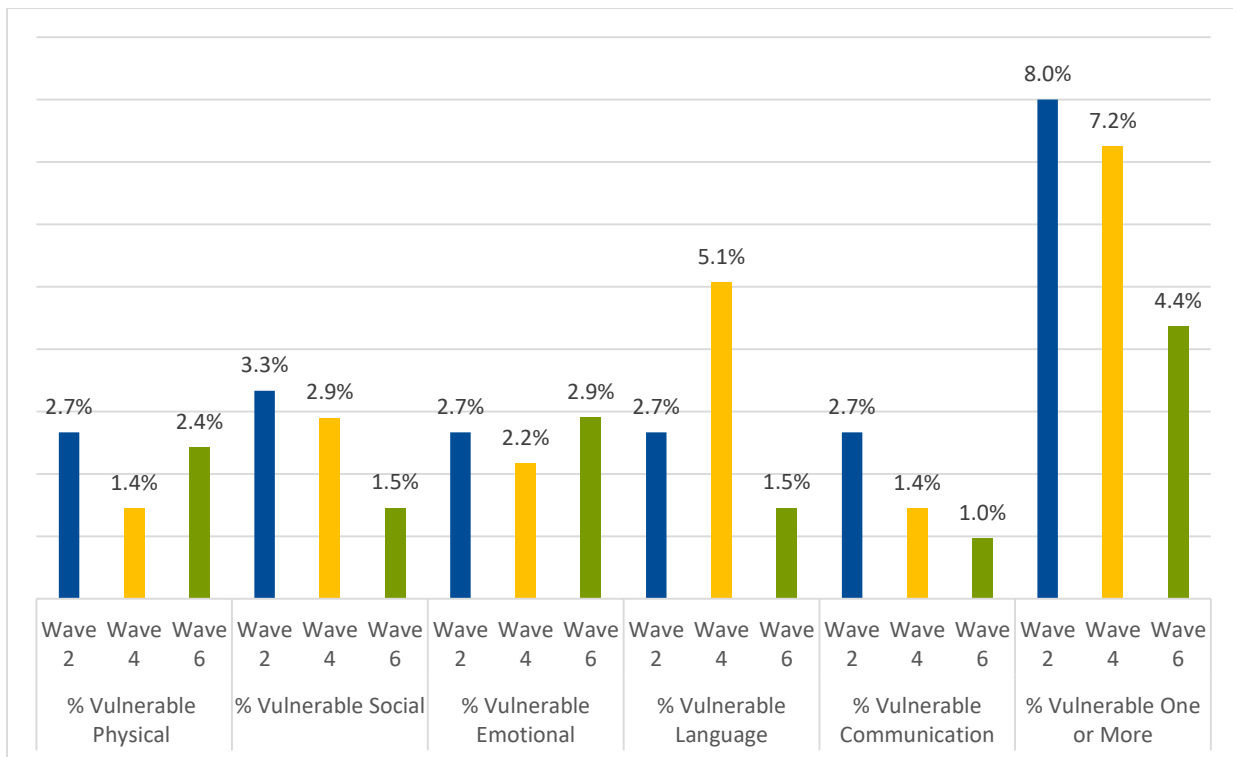
The Labour Force Replacement Ratio is a measure of the ratio of the number of people aged zero to 14 in 2016 who will be entering the workforce to the working population aged 50 to 64 who will be leaving the workforce in the next 15 years. A ratio of 1.0 means the child and retiree populations are the same. The higher the ratio, the greater the young people there are relative to potential retirees. A ratio of less than 1.0 means an area is unable to maintain the current labour force with local replacement workers. The ratio is calculated using the Census 2016 data.<sup>1</sup>

Labour Force Replacement Ratio (2016)	
Revelstoke	0.75
Columbia Shuswap Regional District	0.52
British Columbia	0.67

## EDUCATION

### Early Development Instrument

The early years are crucial in influencing a range of health and social outcomes. Research shows that many challenges in adults, including mental health and criminality, have their roots in early childhood. The Early Development Instrument (EDI) assesses the developmental readiness of children with an aim of identifying vulnerabilities. Vulnerability is reported by the percentage of children who are vulnerable on one or more scales as well as for each scale (physical, social, emotional, language, communication). Data is collected in “waves”; each wave is data from consecutive school years. EDI scores are available at the school district and neighborhood level.<sup>12</sup> The chart below shows the percentage of children vulnerable on each of the scales and vulnerable on one or more scales for the Revelstoke neighborhood for Wave 2 (2004-2007), Wave 4 (2009-2011), and Wave 6 (2013-2016). For comparison, provincial data for Wave 6 shows that 29% of children are vulnerable on one or more scales.



## Public School Enrollment

Revelstoke is in the Revelstoke School District (#19). Student enrollment<sup>13</sup> measures the number of all adults and school-age persons who are enrolled in public schools and working towards graduation. Enrollment trends provide information about changes in the school-age population and is valuable for forecasting and planning.

	2012/13	2013/14	2014/15	2015/16	2016/17
<b>Total student enrolment</b>	1,022	959	950	952	974
<b>Elementary student enrolment</b>	584	559	566	574	591
<b>Secondary school enrolment</b>	438	400	384	378	383
<b>Aboriginal students</b>	141	141	137	132	130
<b>English Language Learners</b>	12	10	19	20	26
<b>French Immersion</b>	–	–	–	–	–
<b>Non-residents</b>	10	11	19	16	20

\* Differences between total and elementary and secondary enrollments due to a small number of Graduated Adults

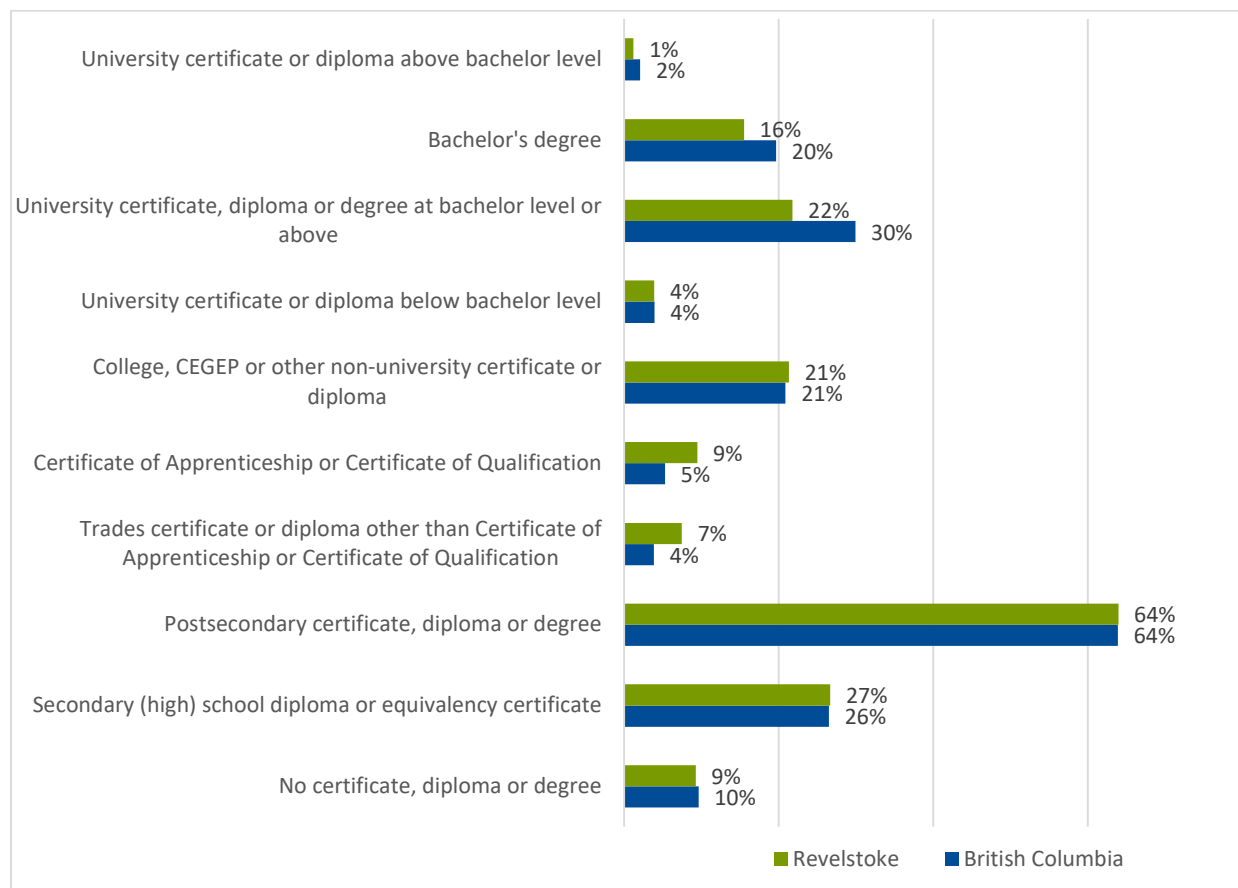
## High School Completion

High school completion rates indicate how successful our families, schools, and communities are in supporting youth in achieving graduation. This indicator measures the proportion of students who graduate within six years of the first time they enroll in grade 8.<sup>13</sup> High school graduation is generally a minimum education level for most employment and a foundation for positive workplace conditions and future employment success and well-being.

	2011/12	2012/13	2013/14	2014/15	2015/16	5-year average
<b>Revelstoke (SD 19)</b>	88.4%	90.1%	86.1%	90.5%	81%	87.2%
<b>All BC Public Schools</b>	81.8%	83.6%	84.2%	83.9%	83.6%	83.4%

## Educational Attainment

Education levels are highly correlated with social determinants of health such as income, employment security, and socio-economic opportunity. This indicator measures the highest level of attainment of people aged 25 to 64 years.<sup>1</sup>



## QUALITY OF LIFE & CIVIC ENGAGEMENT

### Life Expectancy

Life expectancy is a widely used indicator of population health. This indicator reports on the number of years a person is expected to live based on mortality statistics for a Local Health Area (LHA).<sup>14</sup> The average from 2011 to 2015 was analysed. The Revelstoke LHA has a life expectancy of 79.8 years. The BC life expectancy is 82.6 years.

### Crime Severity Index

Crime rates are a common indicator of public safety. The police reported Crime Severity Index (CSI) includes all Criminal Code violations including traffic, as well as drug violations and all Federal Statutes.<sup>15</sup> The CSI reports on the percent change in crime severity from year to year. A negative number means a decrease in the volume and severity of crime, while a positive number means an increase from one year to the next. The change from 2016 to 2017 for Revelstoke is -0.1, while the CSI for BC is -5.1 between the last two years of data.

### Voter Turnout

Voter turnout is an indicator of the health of a democracy, and can be seen as a reflection of civic mindedness and citizen engagement. This indicator measures the percentage of eligible voters who voted in local elections.<sup>16</sup>

	2008	2011	2014	2018
<b>Revelstoke</b>	47%	42%	27%	45%
<b>Columbia Basin-Boundary average</b>	51%	45%	41%	51%

## Charitable Donations

Charitable donations<sup>17</sup> play a role in improving well-being by providing support to a variety of initiatives. Charitable giving reflects a capacity to give, and is tied to the economy, where people may give more or less depending on their financial situation and the state of the economy.

Location (2015)	Total # taxfilers	Total charitable donors	Percent charitable donors	Total charitable donations (\$'000)	Median donation	Median income
Revelstoke	6,470	1,110	17.2%	\$1,345	\$330	\$55,210
Columbia Shuswap	39,260	7,490	19.1%	\$11,200	\$370	\$49,910
British Columbia	3,488,250	699,780	20.1%	\$1,448,625	\$430	\$58,010
Canada	26,186,760	5,495,900	21.0%	\$9,132,170	\$300	\$58,600

## Public Library Usage

Libraries play an important role in the vibrancy of a community, as libraries are often a gathering place for residents where a diversity of programs and services are offered. Library statistics<sup>18</sup> are useful for providing an indication of the health and capacity of these facilities in serving community needs and interests.

Indicator	Revelstoke Public Library (2015)	Average all libraries in Columbia Basin-Boundary (2017)
Population served	7,706	6,995
Total active cardholders as % of population served	53.8%	41.3%
Attendance at children's and young adult programs	3,999	3,320
Total employees, FTE	2.03	3.8
Volunteer hours worked	2	1,254
Number of in-person visits	53,613	42,805
Total visits per capita	7.0	8.4
Average hours open per week	34.3	38.5
Total local government support	\$301,761	\$239,789
Local government support per capita	\$41.67	\$35.10
Total other revenue	data not available	\$40,102

## BUSINESS

### Business Formations

Business formations measures the number of incorporations per year<sup>19</sup>, and is an indicator of the overall business climate, providing a sense of an expanding or contracting economy.

Year	Revelstoke	Columbia Shuswap	British Columbia
2013	55	213	32,225
2014	52	230	34,951
2015	42	219	37,934
2016	46	264	43,556
2017	70	289	46,247

### Total Building Permits

This indicator measures the value of building permits issued annually by a defined region.<sup>20</sup> Building permits and housing starts are well-accepted indicators of economic performance.

Year	Revelstoke (\$'000)	British Columbia (\$'000)
2013	10,587	\$9,976,104
2014	11,649	\$11,076,715
2015	14,632	\$13,125,233
2016	19,194	\$13,255,024
2017	29,751	\$15,710,782

### Building Permits by Type

Type <sup>20</sup>	Revelstoke (2017)	British Columbia (2017)
Residential (\$'000)	23,166	\$11,498,362
Commercial (\$'000)	5,691	\$2,439,623
Industrial (\$'000)	182	\$658,482
Institutional and Government (\$'000)	712	\$1,114,315
Residential (total number of units)	78	44,105

### Visitor Centre Statistics

Visitor Centre Statistics<sup>21</sup> are a common indicator of tourism, an economic sector for many communities.

Year	Total Visitors Revelstoke Visitor Centre	Change from previous year Revelstoke	Change for all visitor centres in BC
2014	42,761	907.3%	2.3%
2015	44,089	3.1%	2.9%
2016	53,039	20.3%	-1.2%
2017	57,067	8.6%	-0.5%

## LOCAL GOVERNMENT

Local governments are required to submit data annually to the Ministry of Municipal Affairs and Housing, including annual reports and financial statements.<sup>22</sup> Municipal revenues and expenses, and taxes on a representative house, provide an indication of a local government's capacity, financial needs and priorities, and costs to residents.

### Municipal Revenues

	Revelstoke (2017)	% of Total Revenue
<b>Total Own Purpose Taxation and Grants in Lieu</b>	\$14,622,385	48.5%
<b>Sale of Services</b>	\$5,855,437	19.4%
<b>Transfers from Federal Governments</b>	\$0	0%
<b>Transfers from Provincial Governments</b>	\$3,300,048	10.9%
<b>Transfers from Regional and Other Governments</b>	\$4,423,172	14.7%
<b>Investment Income</b>	\$479,038	1.6%
<b>Income from Government Business Enterprise</b>	\$748,118	2.5%
<b>Developer Contributions</b>	\$747,889	2.5%
<b>Disposition of Assets</b>	\$0	0%
<b>Other Revenue</b>	\$0	0%
<b>Total Revenue</b>	<b>\$30,176,087</b>	

### Municipal Expenses

	Revelstoke (2017)	% of Total Expenses
<b>General Government</b>	\$2,049,488	10.0%
<b>Protective Services</b>	\$3,935,469	19.2%
<b>Solid Waste Management and Recycling</b>	\$349,466	1.7%
<b>Health, Social Services and Housing</b>	\$658,478	3.2%
<b>Development Services</b>	\$501,908	2.5%
<b>Transportation and Transit</b>	\$4,174,202	20.4%
<b>Parks, Recreation and Culture</b>	\$3,457,236	16.9%
<b>Water Services</b>	\$1,202,475	5.9%
<b>Sewer Services</b>	\$721,481	3.5%
<b>Other Services</b>	\$1,414,783	6.9%
<b>Amortization</b>	\$2,018,835	9.9%
<b>Other Adjustments</b>	\$0	0%
<b>Total Expenses</b>	<b>\$20,483,821</b>	



## Taxes & Charges on a Representative House

Revelstoke (2018)	
House value	\$375,449
School	\$692
<b>General Municipal Total</b>	<b>\$1,621</b>
Regional District	\$106
Hospital	\$93
BCA, MFA, and other	\$15
<b>Total Residential Variable Rate Taxes</b>	<b>\$2,528</b>
<b>Total Residential Parcel Taxes</b>	<b>\$110</b>
<b>Total Residential User Fees</b>	<b>\$826</b>
<b>Total Residential Property Taxes and Charges</b>	<b>\$3,464</b>

\* A representative house is based on the assessment and occurrence of single family residential properties, and does not include vacant properties, multi-family, strata, etc.

## ENVIRONMENT

The environment is a foundation for many aspects of well-being. Parks and protected areas help to safeguard wild spaces and species, and provide opportunity for residents and visitors to recreate and connect with nature. Weather and climate conditions and trends help us understand the context in which a community operates, and climate projections can help with forecasting and adaptive planning.

### Parks & Protected Areas

Revelstoke has 2 national parks and 12 provincial parks and protected areas within a 40 kilometer radius of the municipality. It also has at least 11 local parks and greenspaces within its boundaries.

<b>Provincial Parks &amp; Protected Areas<sup>23,24</sup></b>	Arrow Lakes Park - Shelter Bay Site	Monashee Park
	Blanket Creek Park	Mount Griffin Ecological Reserve
	Eagle River Park	Mount Griffin Park
	English Lake Park	Mt. Revelstoke National Park
	Glacier National Park	Upper Shuswap River Eco. Reserve
	Greenbush Lake Protected Area	Victor Lake Park
	Martha Creek Park	Wap Creek Park
	<b>Local Greenspaces<sup>25</sup></b>	Beruschi Park
Big Eddy Park		Moose Park
Centennial Park		Queen Elizabeth Park
Farwell Park		Williamson's Lake Campground
Greenbelt Park		Woodenhead Park
Kovach Park		

## Weather & Climate

Weather and climate data is based on the Government of Canada's climate normals and averages for the Golden A weather station.<sup>26</sup>

	January	July
<b>Daily average (°C)</b>	-7.9	17.3
<b>Daily maximum (°C)</b>	-4.3	24.5
<b>Daily minimum (°C)</b>	-11.5	10.0
<b>Extreme maximum (°C)</b>	8.3 (1906)	40.0 (1941)
<b>Extreme minimum (°C)</b>	-46.1 (1907)	-2.2 (1946)
<b>Rainfall (mm)</b>	6.4	50.6
<b>Snowfall (cm)</b>	45.3	0
<b>Extreme daily rainfall (mm)</b>	53.3 (1918)	47.0 (1915)
<b>Extreme daily snowfall (cm)</b>	45.7 (1920)	0 (1902)
<b>Extreme snow depth (cm)</b>	86 (1982)	0 (1981)

## Modeled Climate Data – History & Projections

Climate data was modeled across the Columbia Basin-Boundary for a 10x10 km grid. The figures below show median values from results of 12 climate models for each time period and for low carbon and high carbon emission scenarios for the grid closest to Revelstoke.<sup>27</sup> Low carbon scenarios assume global greenhouse gas emissions are drastically reduced from current levels, while high carbon scenarios assume greenhouse gas emissions continue increasing at current rates.

Variable	Recent Past (1951 - 1980)	Near Future (2021 - 2050)		Far Future (2051 - 2080)	
		Low Carbon	High Carbon	Low Carbon	High Carbon
<b>Annual mean temperature</b>	6.6 °C	8.3 °C	8.8 °C	9.5 °C	10.6 °C
<b>Annual total precipitation</b>	871 mm	929 mm	921 mm	935 mm	954 mm

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