

2018 COMMUNITY PROFILE REPORT

# Silverton

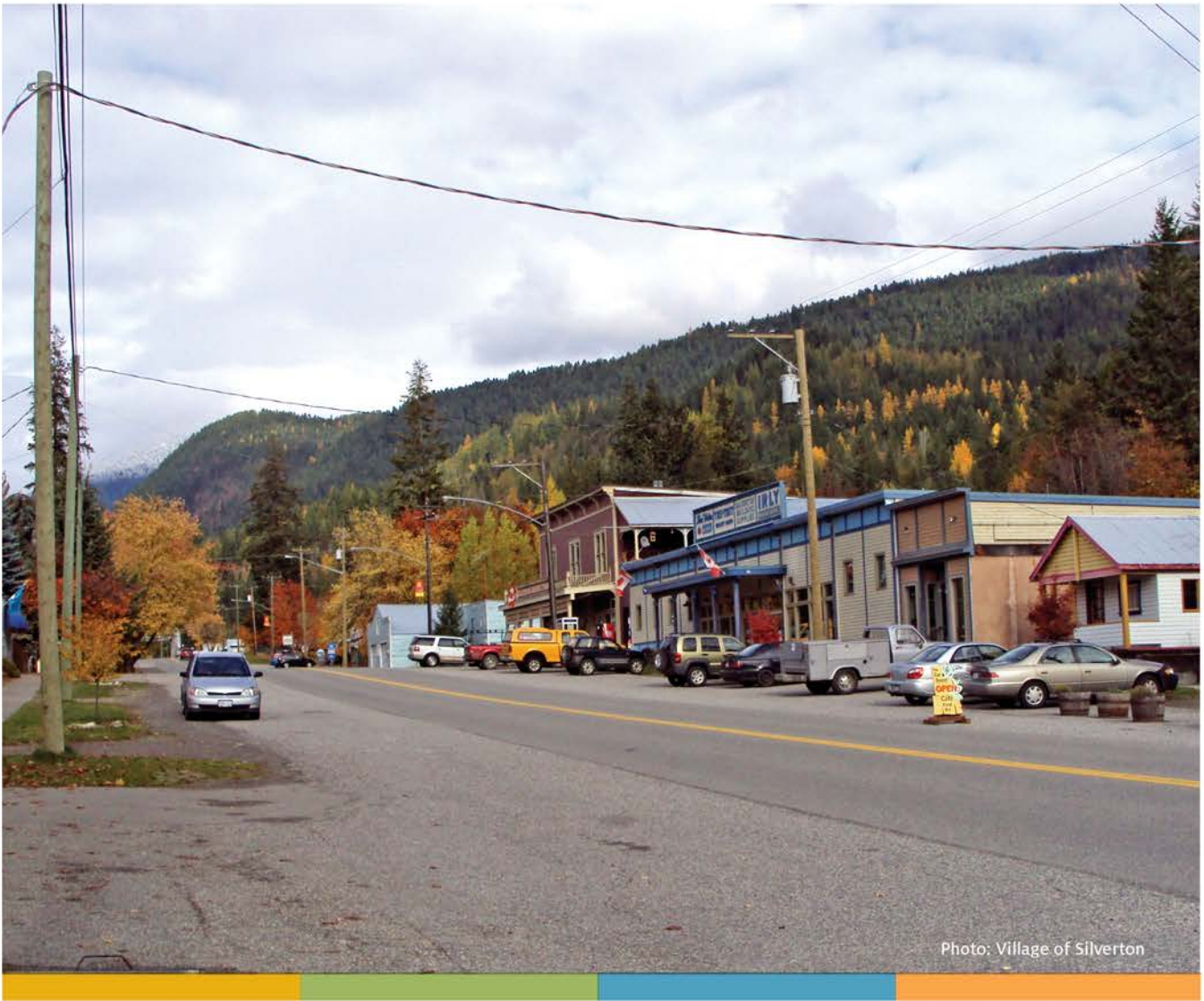


Photo: Village of Silverton

APPLIED & INNOVATION  
RESEARCH CENTRE Selkirk College



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## INTRODUCTION

As one of BC's smallest municipalities in both population and area, the Village of Silverton is located on Highway 6, south of Silverton on the eastern shore of Slocan Lake. It's history dates back to the accidental discovery of a rich outcrop of galena in 1890. In the height of the silver boom Silverton (incorporated May 6, 1930) experienced the rapid development of six hotels, three general stores, a school, and telephone communications. Today, Silverton is known for its galleries, lakeshore campground and cabins, recreational activities, and historical attractions, including its Historical Interpretive Centre. See [www.silverton.ca](http://www.silverton.ca).

This report provides a profile of several indicators of well-being for the community of Silverton. 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 Silverton 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>	Regional District of Central Kootenay
<b>Coordinates</b>	Longitude is 117°21'24"W Latitude is 49°57'10"N
<b>Elevation</b>	560 meters
<b>Municipal Area</b>	0.63 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>Silverton</b>	185	195	195	5.4%
<b>Regional District of Central Kootenay</b>	55,883	58,441	59,517	6.5%
<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>Arrow Lakes Local Health Area</b>	-15%
<b>British Columbia</b>	22%

### Age Characteristics

	Silverton (2016)			British Columbia (2016)		
	Male	Female	Total	Male	Female	Total
<b>Children (0 to 14 yrs)</b>	10	5	15	355,400	335,985	691,390
<b>Emerging Labour Force (15 to 24 yrs)</b>	5	0	5	280,615	265,930	546,540
<b>Primary Labour Force (25 to 64 yrs)</b>	60	55	105	1,246,670	1,314,475	2,561,145
<b>Seniors (65+ yrs)</b>	35	30	70	395,560	453,425	848,985
<b>Total population</b>	95	100	195	2,278,245	2,369,815	4,648,055
<b>Average age of population (yrs)</b>	55	56.9	55.9	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

	Silverton (2016)	British Columbia (2016)
<b>Average household size</b>	1.8	2.4
<b>Total number of families in private households</b>	65	1,311,345
<b>Total couple families</b>	60	1,113,405
<b>Couples without children</b>	50	577,790
<b>Couples with children</b>	5	535,610
<b>One child</b>	5	221,065
<b>Two children</b>	0	230,705
<b>Three or more children</b>	0	83,840
<b>Total lone-parent families</b>	10	197,940
<b>Female parent</b>	10	155,670
<b>Male parent</b>	0	42,265
<b>One child</b>	5	125,890
<b>Two children</b>	5	54,900
<b>Three or more children</b>	0	17,145
<b>Total persons not in census families in private households (singles)</b>	40	882,895

## Marital Status

	Silverton (2016)			British Columbia (2016)		
	Male	Female	Total	Male	Female	Total
<b>Total population 15 years+</b>	90	95	185	1,922,840	2,033,825	3,956,665
<b>Married</b>	50	45	95	959,690	965,645	1,925,345
<b>Living common law</b>	10	10	20	186,485	185,505	371,985
<b>Single (never married)</b>	15	10	25	582,975	493,110	1,076,085
<b>Separated</b>	0	5	5	45,225	60,475	105,700
<b>Divorced</b>	10	5	15	103,475	160,395	263,870
<b>Widowed</b>	5	10	15	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>

	Silverton (2016)	British Columbia (2016)	Canada (2016)
<b>Non-movers (%)</b>	66.7	57.4	61.8
<b>Movers non-migrants (%)</b>	10	21.7	20.7
<b>Intraprovincial migrants (%)</b>	20	11.6	10.6
<b>Interprovincial migrants (%)</b>	6.7	3.9	2.5
<b>External migrants (%)</b>	0	5.4	4.2

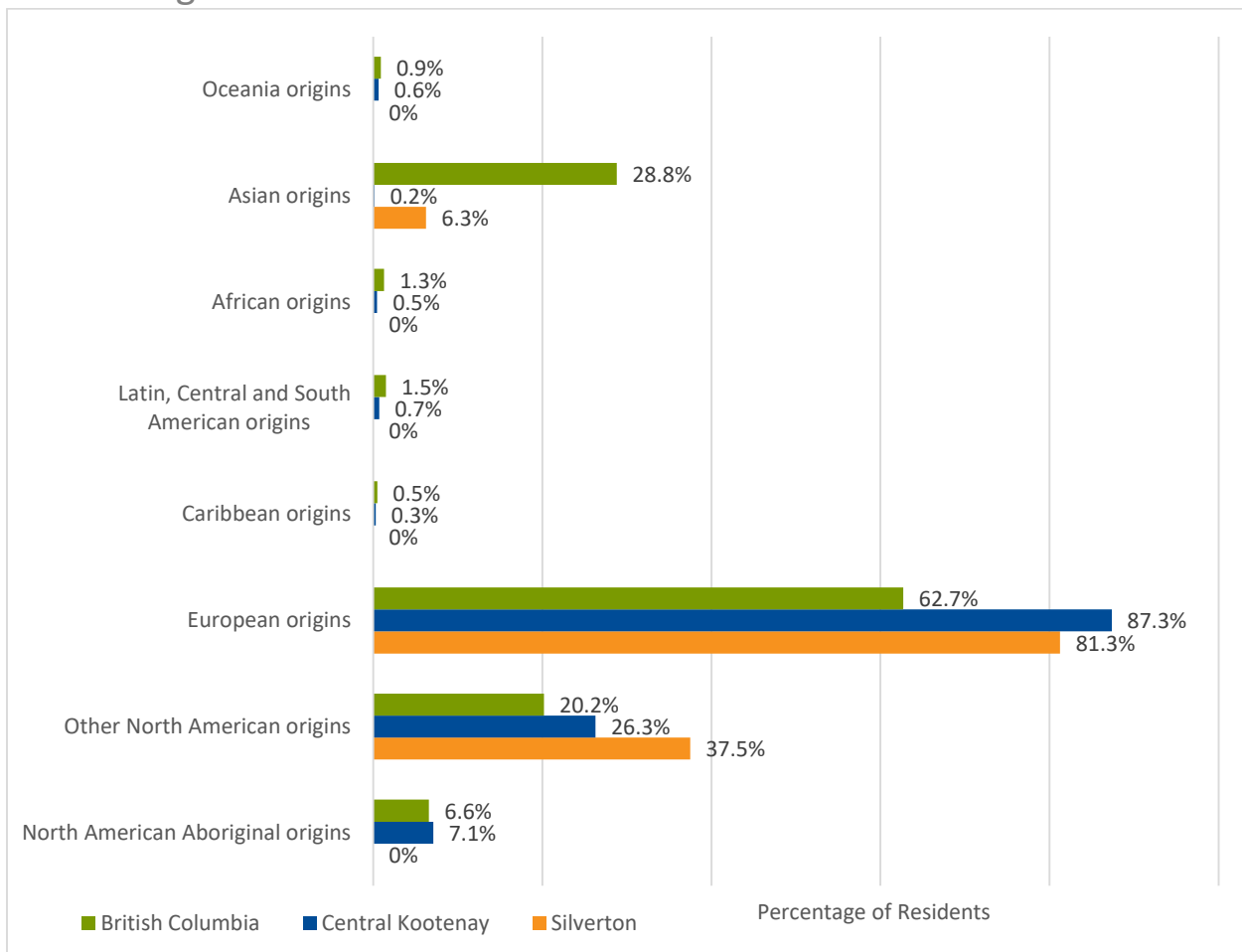
## CULTURAL CHARACTERISTICS

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

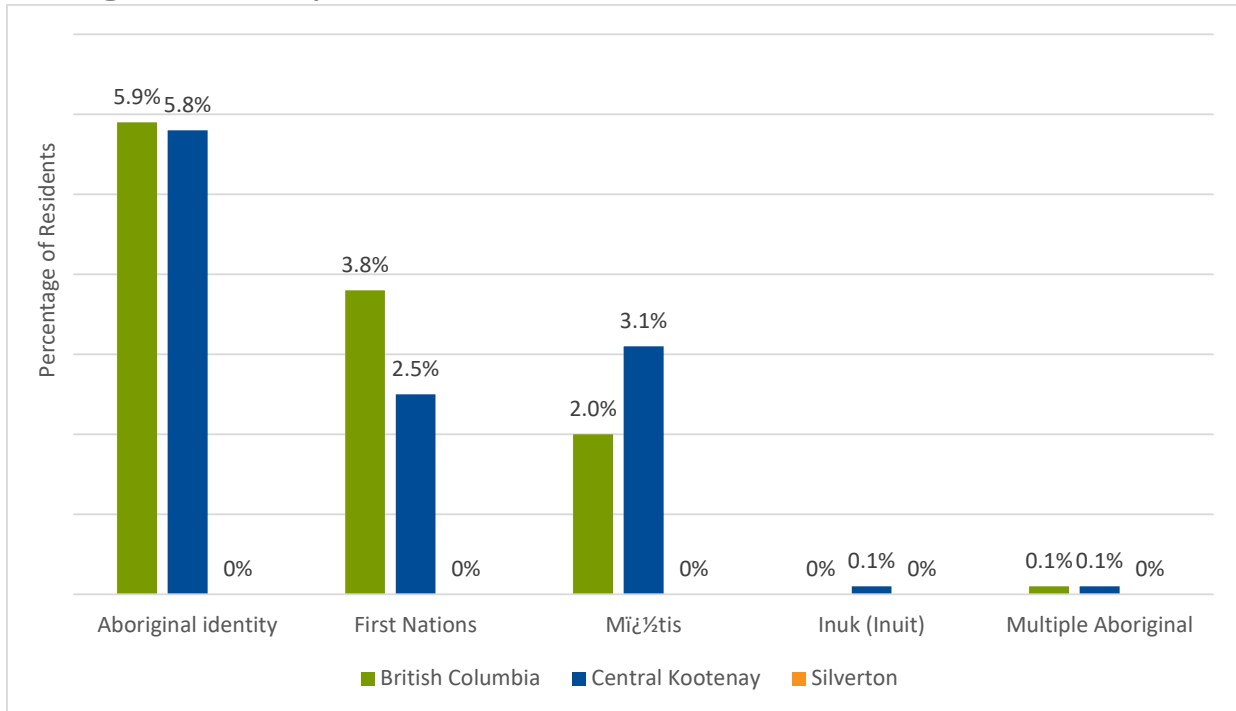
	Silverton (2016)	Central Kootenay (2016)	British Columbia (2016)
<b>English (%)</b>	97.4	97.7	83.2
<b>French (%)</b>	~1.3	0.5	0.4
<b>Non-official languages (%)</b>	~1.3	1.8	16.4

### 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>	Village of Silverton
<b>Average per capita demand (2015)<sup>3</sup></b>	not available
<b>Annual residential water rate (2018)</b>	\$479

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

### Service Providers

<b>Electric power</b>	Fortis BC
<b>Natural gas</b>	N/A
<b>Telecommunications<sup>5</sup></b>	Telus, Xplornet, Bell, Columbia Wireless, Red Mountain

### Landfill & Waste Management

<b>Landfill location</b>	Nakusp Landfill
<b>Regional District waste disposal rate (2016)<sup>6</sup></b>	468 kg/person/year
<b>Type of service</b>	garbage pick-up and recycling drop off

\* 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 (2017) (number of vehicles)	Monthly Average Daily Traffic January	Monthly Average Daily Traffic July
<b>Route 6, 0.1 km south of Silverton Hotel, Silverton (P-34-1NS)</b>	951	599	1,490

## BC Transit

Silverton is serviced by BC Transit's West Kootenay Transit System. This system includes 31 fixed-routes, extending from Edgewood and Nakusp, to Trail and Rossland in the south-west, and Kaslo and Argenta in the north-east. Three Health Connections routes are included which provide transportation to non-emergency medical appointments: Salmo-Nelson, Nakusp-Nelson, and Kaslo-Nelson. There are also five handyDART regions which assist people with permanent or temporary disabilities.

## 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

	Silverton (2016)	British Columbia (2016)
<b>Total number of occupied private dwellings</b>	110	1,881,970
<b>Single-detached house</b>	105	830,660
<b>Apartment in a building that has 5 or more storeys</b>	0	177,830
<b>Other attached dwelling</b>	5	824,190
<b>Semi-detached house</b>	<5	830,660
<b>Row house</b>	<5	147,830
<b>Apartment or flat in duplex</b>	<5	230,075
<b>Apartment in a building that has fewer than 5 storeys</b>	<5	385,140
<b>Other single-attached house</b>	<5	3,755
<b>Moveable dwelling</b>	<5	49,290

## Dwellings by Period of Construction

	Silverton (2016)	British Columbia (2016)
<b>Total number of occupied private dwellings</b>	100	1,881,970
<b>1960 or before</b>	50	267,560
<b>1961 to 1980</b>	10	559,485
<b>1981 to 1990</b>	0	289,565
<b>1991 to 2000</b>	10	331,865
<b>2001 to 2005</b>	10	125,335
<b>2006 to 2010</b>	15	171,945
<b>2011 to 2016</b>	10	136,210
<b>Private dwellings in need of major repairs</b>	15.8%	6.3%

## Residential Property Values

	Silverton (2018)	Columbia Basin-Boundary (2018)
<b>Number of single family dwellings</b>	133	45,145
<b>\$0 to \$99,999</b>	0.8%	2.0%
<b>\$100,000 to \$199,999</b>	35.3%	17.9%
<b>\$200,000 to \$299,999</b>	42.1%	31.3%
<b>\$300,000 to \$399,999</b>	9.8%	23.0%
<b>\$400,000 to \$499,999</b>	6.0%	13.4%
<b>\$500,000 to \$599,999</b>	4.5%	5.6%
<b>\$600,000 and over</b>	1.5%	6.7%
<b>Median value of dwelling</b>	\$218,700	\$295,600

## Household Occupation

	Silverton (2016)	Central Kootenay (2016)	British Columbia (2016)
<b>Private dwellings occupied by usual residents (%)</b>	73	88	91
<b>Private households who are owners (%)</b>	75	76.81	68
<b>Private households who are renters (%)</b>	25	23.15	31.8

## INCOME

Income is a substantial determinant of personal well-being and income levels reflect economic opportunity. Because Silverton is a small community, some income data is suppressed.

### Household Income

Household income <sup>1</sup> (2015)	Silverton	British Columbia	Canada
Median household income (before tax)	\$46,976	\$69,995	\$70,336
Median household income (after tax)	\$43,392	\$61,280	\$61,348

### Source of Income

Source of Income <sup>9</sup> (2015)	Silverton (% tax filers)	British Columbia (% tax filers)	Canada (% tax filers)
Employment income	68.8	77.4	75.8
Self-employment income	31.3	17.8	15.6
Investment income	50.0	40.2	35.4
Employment insurance	–	11.5	13.8
Old Age Security / Net Federal Supplement	43.8	26.3	25.5
Canada Pension Plan/Quebec Pension Plan	62.5	32.6	32.4
Canada Child Tax Benefit	12.5	22.1	24.4
Workers compensation	–	4.2	3.5
Social assistance	–	6.6	9.2
Private pensions	37.5	21.6	21.2
RRSPs	–	2.7	2.4
Other income	25.0	27.8	26.0

### Low Income Measure

The Low Income Measure (LIM) is a commonly-used indicator of poverty.<sup>10</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, 17% of people in Silverton are considered to be low income. The provincial average is 15%.

# LABOUR FORCE

## Class of Worker & Occupation

	# Employees	%	# Self-employed	%	Occupation	#	%
<b>Silverton (2016)<sup>1</sup></b>	40	62	25	38	Management	0	0
					Business, finance & admin	0	0
					Natural & applied sciences	0	0
					Health	0	0
					Education, law & social, community & government	10	22
					Art, culture, recreation & sport	10	22
					Sales & service	10	22
					Trades, transport & equipment operators and related	15	33
					Natural resources, agriculture & related production	0	0
					Manufacturing & utilities	0	0
<b>Regional District of Central Kootenay (2016)<sup>1</sup></b>	23,085	80	5,715	20	Management	3,075	11
					Business, finance & admin	3,195	11
					Natural & applied sciences	1,725	6
					Health	2,195	8
					Education, law & social, community & government	2,985	10
					Art, culture, recreation & sport	1,115	4
					Sales & service	6,295	22
					Trades, transport & equipment operators and related	5,435	19
					Natural resources, agriculture & related production	1,490	5
					Manufacturing & utilities	1,295	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)	Silverton		British Columbia		Canada	
		%		%		%
Agriculture, forestry, fishing and hunting		0		3		2
Mining, quarrying, and oil and gas extraction		0		1		1
Utilities		0		1		1
Construction		20		8		7
Manufacturing		0		6		9
Wholesale trade		0		3		4
Retail trade		20		12		12
Transportation and warehousing		0		5		5
Information and cultural industries		0		3		2
Finance and insurance		0		4		4
Real estate and rental and leasing		20		2		2
Professional, scientific and technical services		0		8		7
Management of companies and enterprises		0		0		0
Administrative and support, waste management and remediation services		0		4		4
Educational services		20		7		7
Health care and social assistance		0		11		12
Arts, entertainment and recreation		0		2		2
Accommodation and food services		20		9		7
Other services (except public administration)		0		5		4
Public administration		0		5		6

## Place of Work

Place <sup>1</sup> (2016)	Silverton		British Columbia		Canada	
	Number	%	Number	%	Number	%
Worked at home	15	23	1,96,510	9	1,272,285	7
Worked outside Canada	0	0	16,040	1	78,815	0
No fixed workplace address	10	1	326,180	14	1,987,260	12
Worked at usual place	40	62%	1,766,965	77	13,891,675	81

## Commute to Work

Commute Duration <sup>1</sup> (2016)	Silverton %	British Columbia %
Less than 15 minutes	77.8	28.8
15 to 29 minutes	22.2	32.9
30 to 44 minutes	0	20.3
45 to 59 minutes	0	8.8
60 minutes or more	0	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
Silverton	0	0	0
Regional District of Central Kootenay	8.8	10.2	7.3
British Columbia	6.7	7.1	6.3

## Labour Force Replacement Ratio

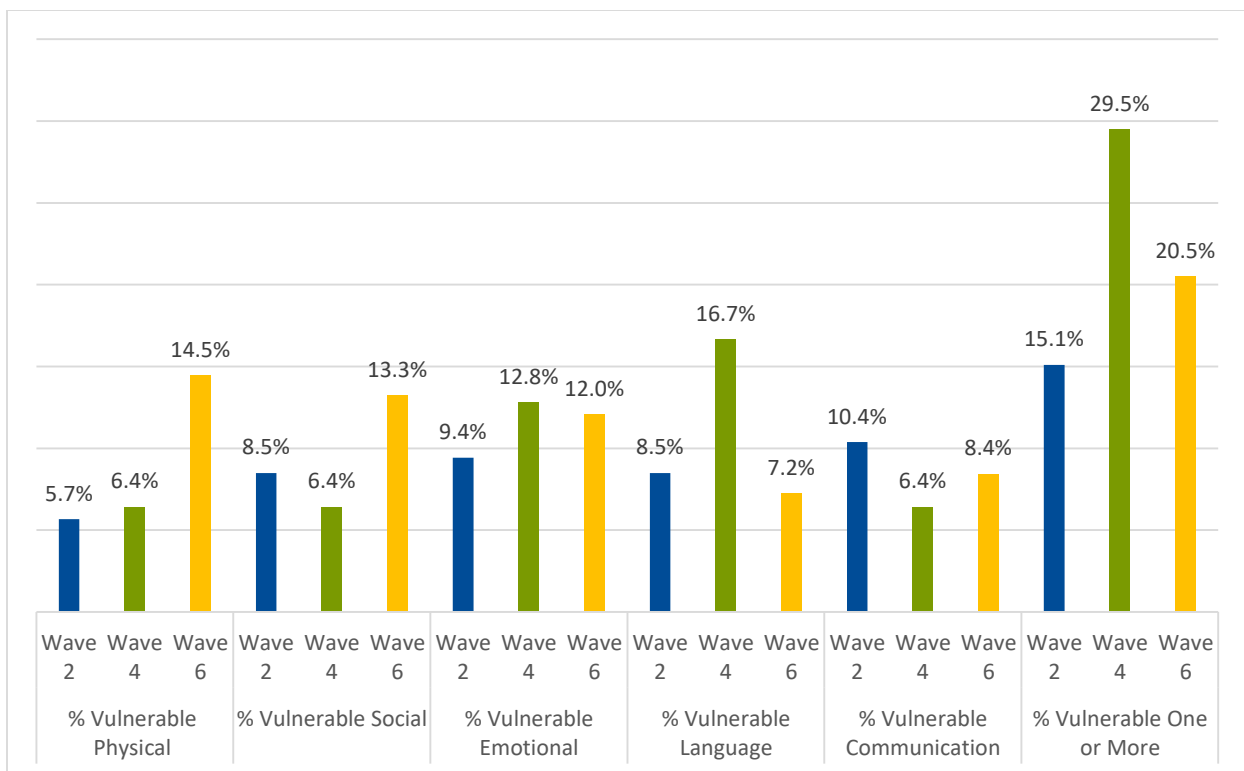
The Labour Force Replacement Ratio is a measure of the ratio of the number of people aged zero to 14 in 2016 who will be entering the workforce to the working population aged 50 to 64 who will be leaving the workforce in the next 15 years. A ratio of 1.0 means the child and retiree populations are the 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)	
Silverton	0.20
Regional District of Central Kootenay	0.55
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>11</sup> The chart below shows the percentage of children vulnerable on each of the scales and vulnerable on one or more scales for the Arrow Lakes 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

Silverton is in the Arrow Lakes School District (#10). Student enrollment<sup>12</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>	504	475	460	454	440
<b>Elementary student enrolment</b>	281	276	275	259	256
<b>Secondary school enrolment</b>	222	196	184	194	184
<b>Aboriginal students</b>	96	101	95	90	82
<b>English Language Learners</b>	–	–	–	–	–
<b>French Immersion</b>	–	–	–	–	–
<b>Non-residents</b>	–	2	3	5	2

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

## High School Completion

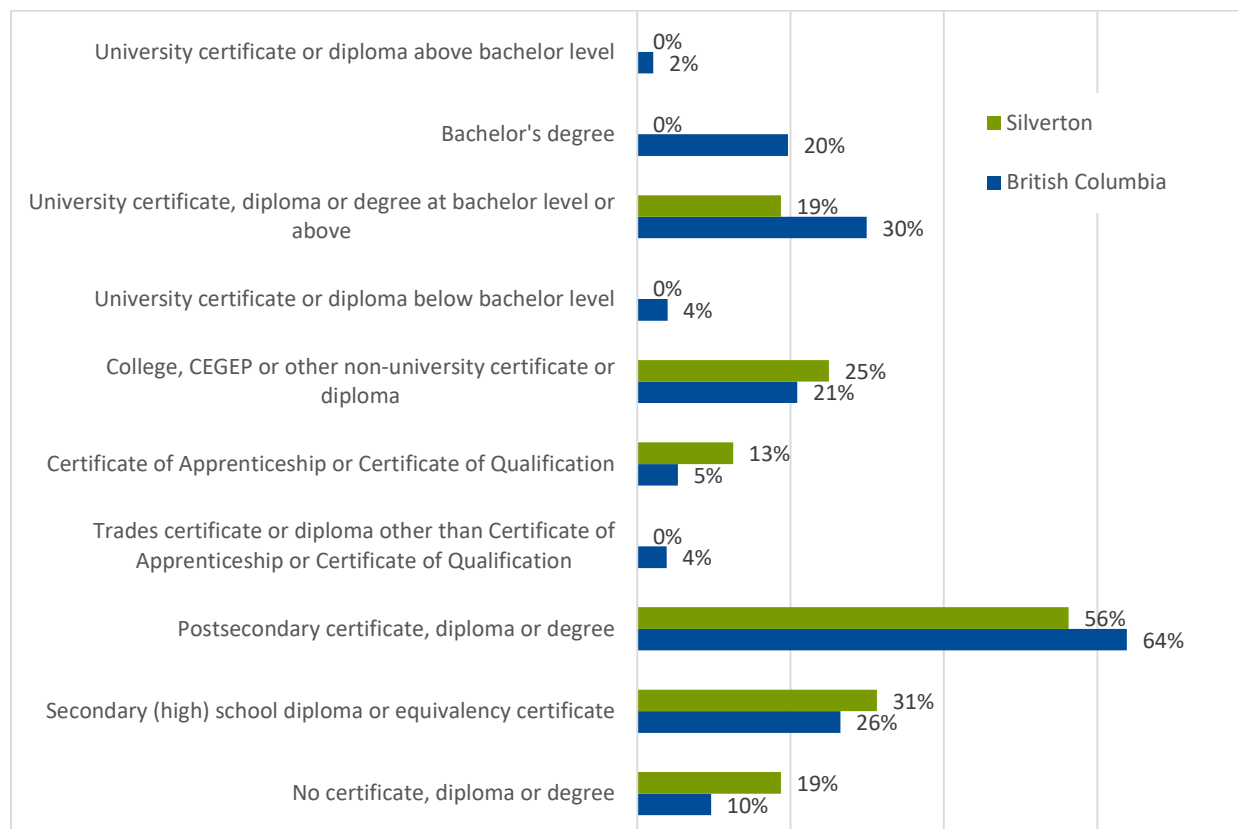
High school completion rates indicate how successful our families, schools, and communities are in supporting youth in achieving graduation. This indicator measures the proportion of students who graduate within six years of the first time they enroll in grade 8.<sup>12</sup> High school graduation is 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>Arrow Lakes (SD 10)</b>	92.2%	82.6%	90.3%	96.8%	78.8%	88.1%
<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>13</sup> The average from 2011 to 2015 was analysed. The Arrow Lakes LHA has a life expectancy of 80.1 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>14</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 Slokan Lake is -27.4, 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>15</sup>

	2008	2011	2014	2018
<b>Silvertown</b>	81%	65%	acclaimed	61%
<b>Columbia Basin-Boundary average</b>	51%	45%	41%	51%

## Charitable Donations

Charitable donations<sup>16</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
Silverton	250	40	16.0%	\$15	\$210	\$50,230
Central Kootenay	46,540	8,630	18.5%	\$11,850	\$340	\$49,630
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

## BUSINESS

### Business Formations

Business formations measures the number of incorporations per year<sup>17</sup>, and is an indicator of the overall business climate, providing a sense of an expanding or contracting economy.

Year	Silverton	Central Kootenay	British Columbia
2013	0	159	32,225
2014	0	165	34,951
2015	0	186	37,934
2016	2	196	43,556
2017	0	186	46,247

### Visitor Centre Statistics

Visitor Centre Statistics<sup>18</sup> are a common indicator of tourism, an economic sector for many communities. While Silverton does not have a Visitor Centre of its own, there is one in New Denver that serves the area.

Year	Total Visitors New Denver Visitor Centre	Change from previous year New Denver	Change for all visitor centres in BC
2013	5,825	14.8%	-5.0%
2014	5,365	-7.9%	2.3%
2015	4,910	-8.5%	2.9%
2016	4,601	-6.3%	-1.2%
2017	4,022	-12.6%	-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>19</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

	Silverton (2017)	% of Total Revenue
<b>Total Own Purpose Taxation and Grants in Lieu</b>	\$139,746	11.6%
<b>Sale of Services</b>	\$153,443	12.7%
<b>Transfers from Federal Governments</b>	\$60,840	5.1%
<b>Transfers from Provincial Governments</b>	\$618,220	51.3%
<b>Transfers from Regional and Other Governments</b>	\$226,362	18.8%
<b>Investment Income</b>	\$5,689	0.5%
<b>Income from Government Business Enterprise</b>	\$0	0%
<b>Developer Contributions</b>	\$0	0%
<b>Disposition of Assets</b>	\$0	0%
<b>Other Revenue</b>	\$0	0%
<b>Total Revenue</b>	<b>\$1,204,300</b>	

### Municipal Expenses

	Silverton (2017)	% of Total Expenses
<b>General Government</b>	\$256,320	36.5%
<b>Protective Services</b>	\$71,616	10.2%
<b>Solid Waste Management and Recycling</b>	\$23,556	3.4%
<b>Health, Social Services and Housing</b>	\$0	0%
<b>Development Services</b>	\$0	0%
<b>Transportation and Transit</b>	\$129,997	18.5%
<b>Parks, Recreation and Culture</b>	\$57,528	8.2%
<b>Water Services</b>	\$51,703	7.4%
<b>Sewer Services</b>	\$0	0%
<b>Other Services</b>	\$0	0%
<b>Amortization</b>	\$111,961	15.9%
<b>Other Adjustments</b>	\$0	0%
<b>Total Expenses</b>	<b>\$702,681</b>	

## Taxes & Charges on a Representative House

Silverton (2018)	
House value	\$235,680
School	\$603
<b>General Municipal Total</b>	<b>\$764</b>
Regional District	\$249
Hospital	\$65
BCA, MFA, and other	\$70
<b>Total Residential Variable Rate Taxes</b>	<b>\$1,750</b>
<b>Total Residential Parcel Taxes</b>	<b>\$0</b>
<b>Total Residential User Fees</b>	<b>\$601</b>
<b>Total Residential Property Taxes and Charges</b>	<b>\$2,351</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

Silverton has 12 provincial parks and protected areas within a 40 kilometer radius of the municipality. It also has at least 3 local parks and greenspaces within its boundaries.

<b>Provincial Parks &amp; Protected Areas<sup>20,21</sup></b>	<ul style="list-style-type: none"> <li>Arrow Lakes Park - Burton Site</li> <li>Evans Lake Eco. Reserve</li> <li>Goat Range Park</li> <li>Kokanee Glacier Park</li> <li>Kootenay Lake Park - Campbell Bay Site</li> <li>Kootenay Lake Park - Davis Creek Site</li> <li>Kootenay Lake Park - Lost Ledge Site</li> <li>McDonald Creek Park</li> <li>Purcell Wilderness Cons. Park</li> <li>Rosebery Park</li> <li>Summit Lake Park</li> <li>Valhalla Park</li> </ul>
<b>Local Greenspaces<sup>22</sup></b>	<ul style="list-style-type: none"> <li>Silverton Campsite</li> <li>Silverton Gallery</li> <li>Silverton Park</li> </ul>

## Weather & Climate

Weather and climate data is based on the Government of Canada's climate normals and averages for the New Denver station.<sup>23</sup>

	January	July
<b>Daily average (°C)</b>	-1.7	19.1
<b>Daily maximum (°C)</b>	0.5	26.1
<b>Daily minimum (°C)</b>	-4.0	12.0
<b>Extreme maximum (°C)</b>	10.6 (1974)	38.5 (2006)
<b>Extreme minimum (°C)</b>	-23.5 (1979)	1.1 (1971)
<b>Rainfall (mm)</b>	43.1	60.8
<b>Snowfall (cm)</b>	57.6	0
<b>Extreme daily rainfall (mm)</b>	50.8 (1971)	34.5 (1936)
<b>Extreme daily snowfall (cm)</b>	36.6 (1943)	0 (1924)
<b>Extreme snow depth (cm)</b>	77 (2004)	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 Silverton.<sup>24</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>	7.6 °C	9.5 °C	9.9 °C	10.6 °C	11.7 °C
<b>Annual total precipitation</b>	763 mm	797 mm	793 mm	814 mm	830 mm

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greenspaces.

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