

2018 COMMUNITY PROFILE REPORT

Valemount



Photo: Boosted Imagery

CONTENTS

- Introduction3
- Location.....4
- Demographics4
 - Total Population.....4
 - Population Projections.....4
 - Age Characteristics.....4
- Families & Households4
 - Family Characteristics5
 - Marital Status.....5
- Mobility5
- Cultural Characteristics6
 - Language Spoken Most Often at Home6
 - Ethnic Origin.....6
 - Aboriginal Identity7
- Infrastructure7
 - Water Services7
 - Sewer Services7
 - Service Providers.....7
 - Landfill & Waste Management8
 - Traffic Volumes8
 - BC Transit.....8
- Housing.....8
 - Dwellings by Structure.....8
 - Dwellings by Period of Construction.....9
 - Residential Property Values9
 - Household Occupation.....9
 - Housing Affordability9
- Income.....10
 - Household Income10
 - Low Income Measure.....10
 - Source of Income10
- Labour Force.....11
 - Class of Worker & Occupation11
 - Labour Force by Industry12
 - Place of Work.....13
 - Commute to Work13

Unemployment	13
Labour Force Replacement Ratio	13
Education	14
Educational Attainment	14
Public School Enrollment	14
High School Completion	15
Early Development Instrument	15
Quality of Life & Civic Engagement	15
Life Expectancy	15
Crime Severity Index	16
Voter Turnout	16
Charitable Donations	16
Public Library Usage	16
Business	17
Business Formations	17
Total Building Permits	17
Building Permits by Type	17
Visitor Centre Statistics	18
Local Government	18
Municipal Revenues	18
Municipal Expenses	19
Taxes & Charges on a Representative House	19
Environment	20
Parks & Protected Areas	20
Weather & Climate	20
Modeled Climate Data – History & Projections	21
References	22

INTRODUCTION

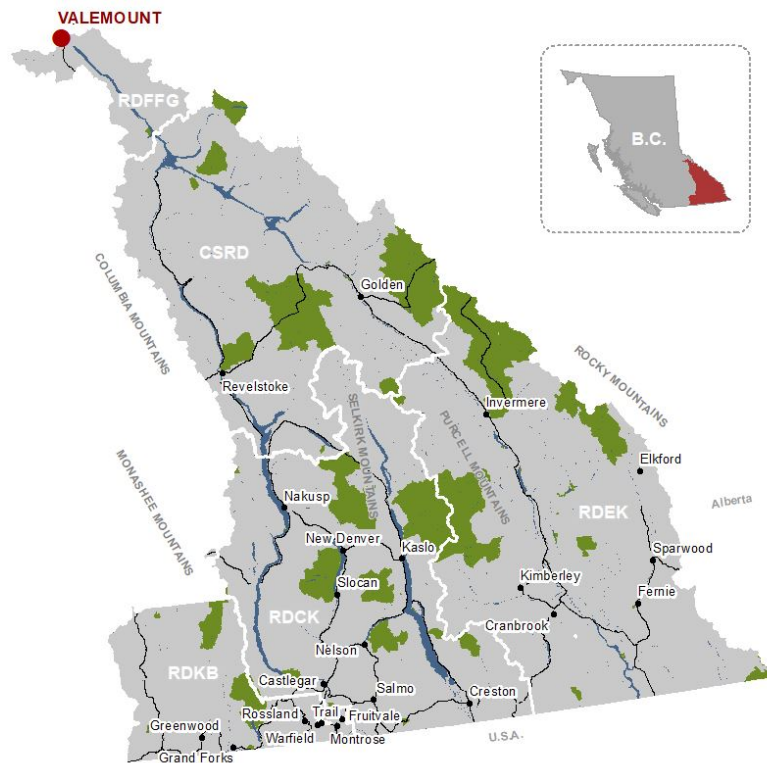
Valemount is located by Mount Robson, the highest peak in the Canadian Rockies, and the upper reaches of both the Fraser and Columbia Basins. This is real mountain country with natural beauty, quiet solitude, and clean mountain air. Valemount offers incredible recreation opportunities, including skiing and snowmobiling in the winter, and hiking, camping, boating, and trail riding in the summer. Today the Village of Valemount's economy is based on logging and a rapidly growing tourism industry. See www.valemount.ca.

This report provides a profile of several indicators of well-being for the community of Valemount. 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 Valemount 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

Regional District	Regional District of Fraser-Fort George
Coordinates	Longitude is 119°16'00"W Latitude is 52°49'57"N
Elevation	800 meters
Municipal Area	4.94 km ²

DEMOGRAPHICS

Population characteristics^{1,2} 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
Valemount	1,018	1,020	1,021	0.3%
Regional District of Fraser-Fort George	55,883	91,879	94,506	69.1%
British Columbia	4,113,490	4,400,057	4,648,055	13.0%

Population Projections

	Percent change in population projected 2017 to 2037
Prince George Local Health Area	2%
British Columbia	22%

Age Characteristics

	Valemount (2016)			British Columbia (2016)		
	Male	Female	Total	Male	Female	Total
Children (0 to 14 yrs)	85	85	165	355,400	335,985	691,390
Emerging Labour Force (15 to 24 yrs)	45	35	80	280,615	265,930	546,540
Primary Labour Force (25 to 64 yrs)	315	290	595	1,246,670	1,314,475	2,561,145
Seniors (65+ yrs)	75	110	185	395,560	453,425	848,985
Total population	515	510	1,020	2,278,245	2,369,815	4,648,055
Average age of population (yrs)	41.6	44.2	42.9	41.5	43.1	42.3

FAMILIES & HOUSEHOLDS

Family characteristics¹ 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

	Valemount (2016)	British Columbia (2016)
Average household size	2.0	2.4
Total number of families in private households	270	1,311,345
Total couple families	225	1,113,405
Couples without children	135	577,790
Couples with children	90	535,610
One child	35	221,065
Two children	40	230,705
Three or more children	20	83,840
Total lone-parent families	45	197,940
Female parent	35	155,670
Male parent	10	42,265
One child	25	125,890
Two children	20	54,900
Three or more children	0	17,145

Marital Status

	Valemount (2016)			British Columbia (2016)		
	Male	Female	Total	Male	Female	Total
Total population 15 years+	430	420	850	1,922,840	2,033,825	3,956,665
Married	175	170	345	959,690	965,645	1,925,345
Living common law	60	60	125	186,485	185,505	371,985
Single (never married)	130	75	205	582,975	493,110	1,076,085
Separated	20	15	35	45,225	60,475	105,700
Divorced	20	45	70	103,475	160,395	263,870
Widowed	15	60	75	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).¹

	Valemount (2016)	British Columbia (2016)	Canada (2016)
Non-movers (%)	55.2	57.4	61.8
Movers non-migrants (%)	17.9	21.7	20.7
Intraprovincial migrants (%)	11.4	11.6	10.6
Interprovincial migrants (%)	14.9	3.9	2.5
External migrants (%)	1.0	5.4	4.2

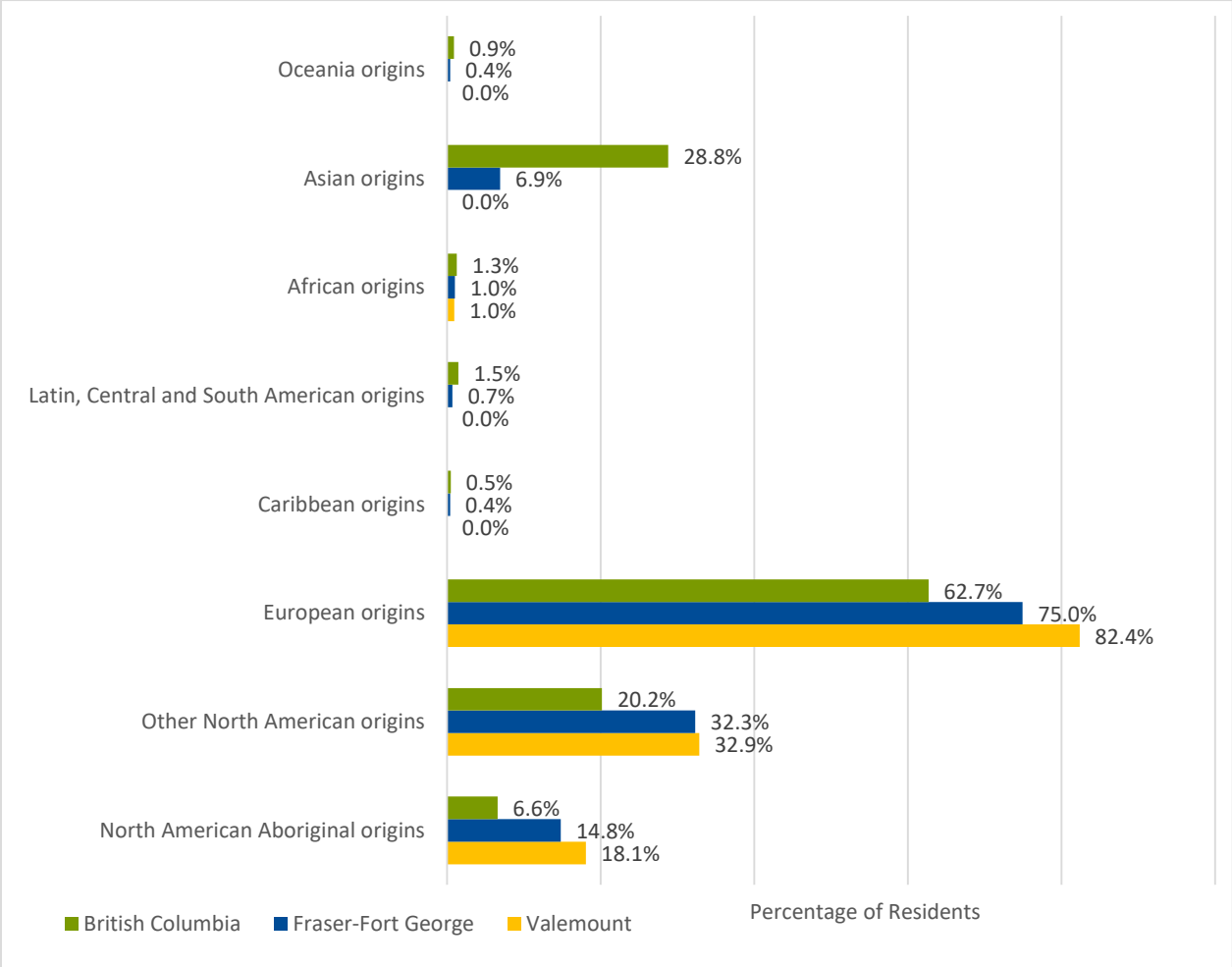
CULTURAL CHARACTERISTICS

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.¹

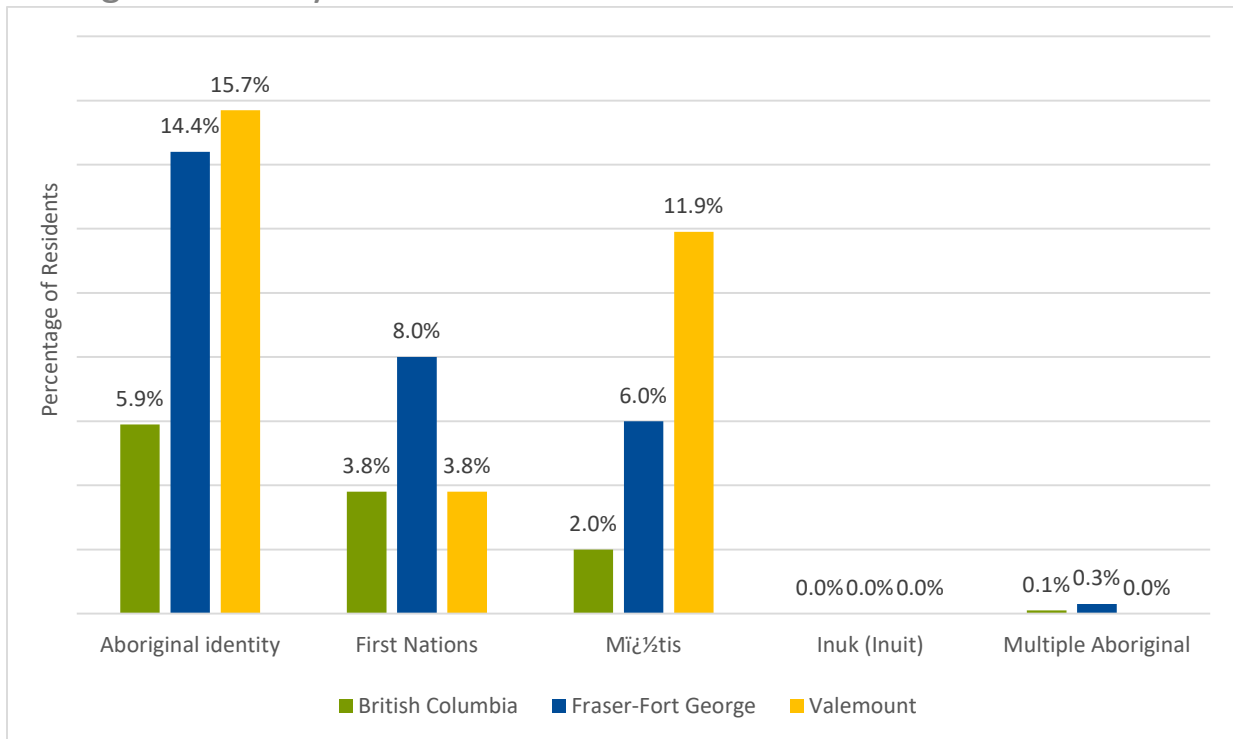
Language Spoken Most Often at Home

	Valemount (2016)	Fraser-Fort George (2016)	British Columbia (2016)
English (%)	97.5	96.6	83.2
French (%)	0	0.2	0.4
Non-official languages (%)	2.5	3.2	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

Provider	Village of Valemount
Average per capita demand (2015)³	data not available
Annual residential water rate (2018)	\$350.36

* For comparison, average per capita demand for BC is 494 litres (2016)⁴

Sewer Services

Provider	Village of Valemount
Type of treatment	Secondary
Annual sewer rate (2018) (residential)	\$420.46
Annual sewer rate (2018) (industrial/commercial/institutional)	varies by type

Service Providers

Electric power	BC Hydro
Telecommunications⁵	Telus, Robson Valley Internet, Xplornet, Bell

Landfill & Waste Management

Landfill location	Foothills Boulevard Regional Landfill
Regional District waste disposal rate (2016)⁶	844 kg/person/year
Type of service	Curbside garbage pick-up and recycling drop off

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

Traffic Volumes

Station location ⁷	Annual Average Daily Traffic	Monthly Average Daily Traffic	Monthly Average Daily Traffic
	(number of vehicles)	January	July
Route 5, just south of Tete Jaune Cache (P-23-3NS)	2,756	1,466	5,716

BC Transit

Valemount is serviced by BC Bus North which is a long-haul coach service offering connections from Valemount to Prince George, and on to Dawson Creek, Fort St. John, Fort Nelson and Prince Rupert.

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.^{1,8}

Dwellings by Structure

	Valemount (2016)	British Columbia (2016)
Total number of occupied private dwellings	495	1,881,970
Single-detached house	325	830,660
Apartment in a building that has 5 or more storeys	0	177,830
Other attached dwelling	55	824,190
Semi-detached house	5	830,660
Row house	10	147,830
Apartment or flat in duplex	5	230,075
Apartment in a building that has fewer than 5 storeys	40	385,140
Other single-attached house	0	3,755
Moveable dwelling	115	49,290

Dwellings by Period of Construction

	Valemount (2016)	British Columbia (2016)
Total number of occupied private dwellings	500	1,881,970
1960 or before	50	267,560
1961 to 1980	275	559,485
1981 to 1990	95	289,565
1991 to 2000	35	331,865
2001 to 2005	10	125,335
2006 to 2010	15	171,945
2011 to 2016	15	136,210
Private dwellings in need of major repairs	8.1%	6.3%

Residential Property Values

	Valemount (2018)	Columbia Basin-Boundary (2018)
Number of single family dwellings	294	45,145
\$0 to \$99,999	1.7%	2.0%
\$100,000 to \$199,999	37.4%	17.9%
\$200,000 to \$299,999	41.8%	31.3%
\$300,000 to \$399,999	14.6%	23.0%
\$400,000 to \$499,999	3.1%	13.4%
\$500,000 to \$599,999	0.7%	5.6%
\$600,000 and over	0.7%	6.7%
Median value of dwelling	\$215,400	\$295,600

* For comparison, the median value of dwellings for BC is \$500,874¹

Household Occupation

	Valemount (2016)	Fraser-Fort George (2016)	British Columbia (2016)
Private dwellings occupied by usual residents (%)	85	93	91
Private households who are owners (%)	72	72.7	68
Private households who are renters (%)	28	27.2	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 Valemount, 15% of owner households and 32% 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.

INCOME

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

Household Income

Before-tax household income ¹ (2015)	Valemount		British Columbia		Canada	
	Number	%	Number	%	Number	%
Under \$5,000	5	1.0	43,415	2.3	228,790	1.6
\$5,000 to \$9,999	10	2.0	27,140	1.4	200,315	1.4
\$10,000 to \$14,999	10	2.0	55,745	3.0	374,575	2.7
\$15,000 to \$19,999	35	7.0	77,565	4.1	565,940	4.0
\$20,000 to \$29,999	60	12.0	151,680	8.1	1,141,510	8.1
\$30,000 to \$39,999	65	13.0	156,475	8.3	1,210,080	8.6
\$40,000 to \$49,999	55	11.0	152,635	8.1	1,174,435	8.3
\$50,000 to \$59,999	45	9.0	143,475	7.6	1,097,345	7.8
\$60,000 to \$79,999	65	13.0	255,195	13.6	1,934,735	13.7
\$80,000 to \$99,999	50	10.0	210,770	11.2	1,582,420	11.2
\$100,00 to \$124,999	45	9.0	198,140	10.5	1,470,255	10.4
\$125,000 to \$149,999	30	6.0	138,420	7.4	1,016,245	7.2
\$150,000 and over	20	4.0	271,290	14.4	2,075,425	14.7
Median	\$51,392		\$69,995		\$70,336	
Average	\$67,182		\$90,354		\$92,764	

Low Income Measure

The Low Income Measure (LIM) is a commonly-used indicator of poverty.⁹ 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, 12% of people in Valemount are considered to be low income. The provincial average is 15%.

Source of Income

Source of Income ¹⁰ (2015)	Valemount	British Columbia	Canada
Employment income (% taxfilers)	78.7	77.4	75.8
Self-employment income (% taxfilers)	22.7	17.8	15.6
Investment income (% taxfilers)	36.0	40.2	35.4
Employment insurance (% taxfilers)	20.0	11.5	13.8
Old Age Security / Net Federal Supplement (% taxfilers)	29.3	26.3	25.5
Canada Pension Plan/Quebec Pension Plan (% taxfilers)	41.3	32.6	32.4
Canada Child Tax Benefit (% taxfilers)	18.7	22.1	24.4
Workers compensation (% taxfilers)	5.3	4.2	3.5

Social assistance (% taxfilers)	4.0	6.6	9.2
Private pensions (% taxfilers)	26.7	21.6	21.2
RRSPs (% taxfilers)	2.7	2.7	2.4
Other income (% taxfilers)	26.7	27.8	26.0

LABOUR FORCE

Class of Worker & Occupation

	# Employees	%	# Self- employed	%	Occupation	#	%
Valemount (2016)¹	510	89	65	11	Management	60	11
					Business, finance & admin	65	11
					Natural & applied sciences	15	3
					Health	30	5
					Education, law & social, community & government	55	10
					Art, culture, recreation & sport	0	0
					Sales & service	160	28
					Trades, transport & equipment operators and related	105	18
					Natural resources, agriculture & related production	70	12
					Manufacturing & utilities	10	2
Regional District of Fraser-Fort George (2016)¹	46,975	91	4,810	9	Management	4,775	9
					Business, finance & admin	7,010	14
					Natural & applied sciences	2,670	5
					Health	3,450	7
					Education, law & social, community & government	5,845	11
					Art, culture, recreation & sport	815	2
					Sales & service	12,245	24
					Trades, transport & equipment operators and related	10,620	21
					Natural resources, agriculture & related production	1,970	4
					Manufacturing & utilities	2,385	5
British Columbia (2016)¹	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 ¹ (2016)	Valemount	British Columbia	Canada
	%	%	%
Agriculture, forestry, fishing and hunting	15	3	2
Mining, quarrying, and oil and gas extraction	3	1	1
Utilities	0	1	1
Construction	6	8	7
Manufacturing	2	6	9
Wholesale trade	2	3	4
Retail trade	10	12	12
Transportation and warehousing	9	5	5
Information and cultural industries	2	3	2
Finance and insurance	2	4	4
Real estate and rental and leasing	4	2	2
Professional, scientific and technical services	3	8	7
Management of companies and enterprises	0	0	0
Administrative and support, waste management and remediation services	0	4	4
Educational services	3	7	7
Health care and social assistance	6	11	12
Arts, entertainment and recreation	4	2	2
Accommodation and food services	15	9	7
Other services (except public administration)	2	5	4
Public administration	12	5	6

Place of Work

Place ¹ (2016)	Valemount		British Columbia		Canada	
	Number	%	Number	%	Number	%
Worked at home	20	4	1,96,510	9	1,272,285	7
Worked outside Canada	0	0	16,040	1	78,815	0
No fixed workplace address	115	22	326,180	14	1,987,260	12
Worked at usual place	380	74	1,766,965	77	13,891,675	81

Commute to Work

Commute Duration ¹ (2016)	Valemount	British Columbia
	%	%
Less than 15 minutes	75.0	28.8
15 to 29 minutes	17.0	32.9
30 to 44 minutes	4.0	20.3
45 to 59 minutes	0	8.8
60 minutes or more	3.0	9.1

Unemployment

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

	Total	Male	Female
Valemount	11.2	17.9	4.9
Regional District of Fraser-Fort George	9.1	11.1	6.8
British Columbia	6.7	7.1	6.3

Labour Force Replacement Ratio

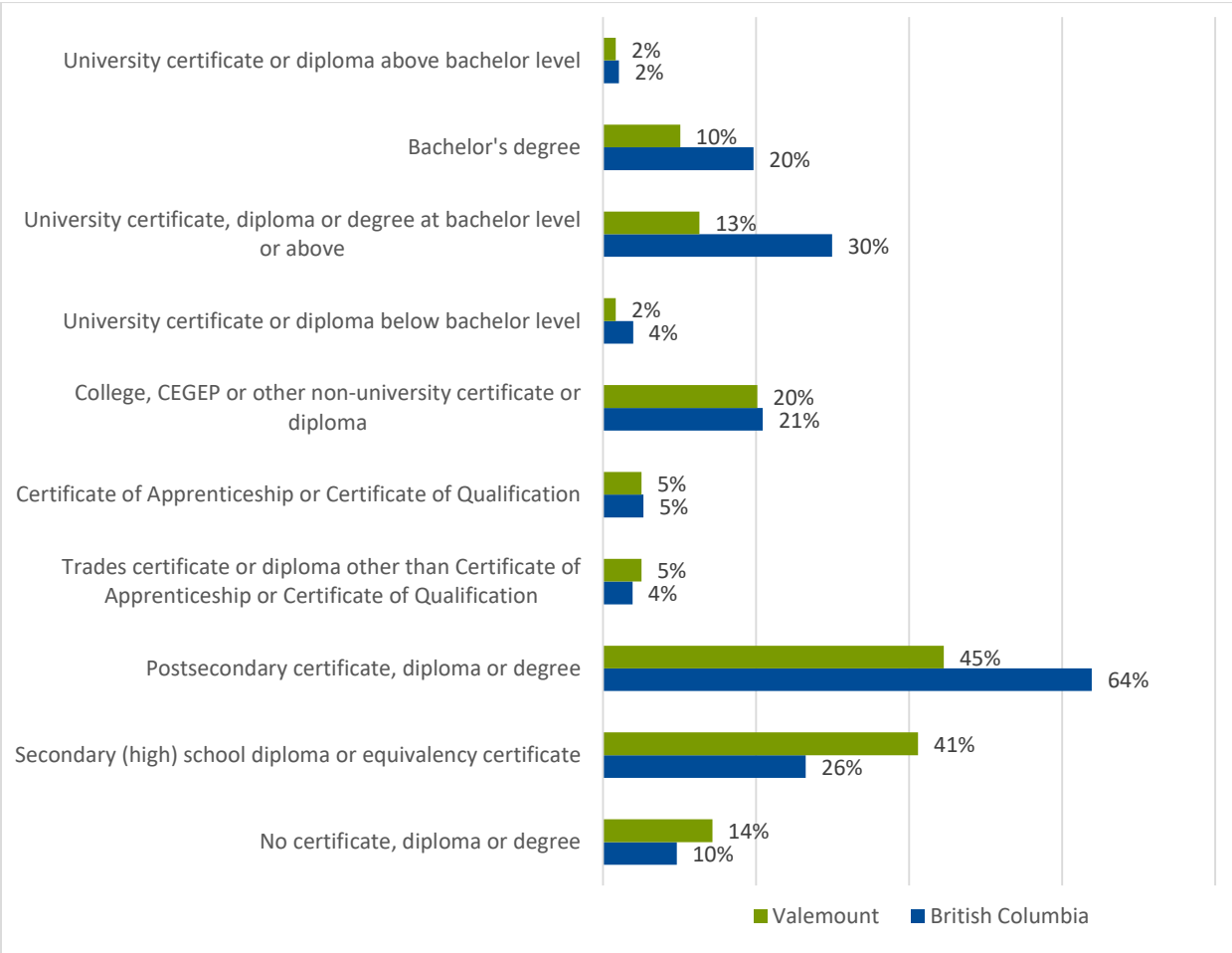
The Labour Force Replacement Ratio is a measure of the ratio of the number of people aged zero to 14 in 2016 who will be entering the workforce to the working population aged 50 to 64 who will be leaving the workforce in the next 15 years. A ratio of 1.0 means the child and retiree populations are the 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.¹

Labour Force Replacement Ratio (2016)	
Valemount	0.61
Regional District of Fraser-Fort George	0.78
British Columbia	0.67

EDUCATION

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.¹



Public School Enrollment

Valemount is in the Prince George School District (#57). Student enrollment¹¹ 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
Total student enrolment	13,520	13,012	12,915	12,988	13,065
Elementary student enrolment	7,224	7,233	7,394	7,502	7,618
Secondary school enrolment	6,032	5,657	5,423	5,395	5,389
Aboriginal students	4,010	3,909	3,882	3,802	3,852
English Language Learners	1,399	1,331	1,298	1,392	1,518
French Immersion	841	925	1,001	1,044	1,069
Non-residents	13	13	44	53	12

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

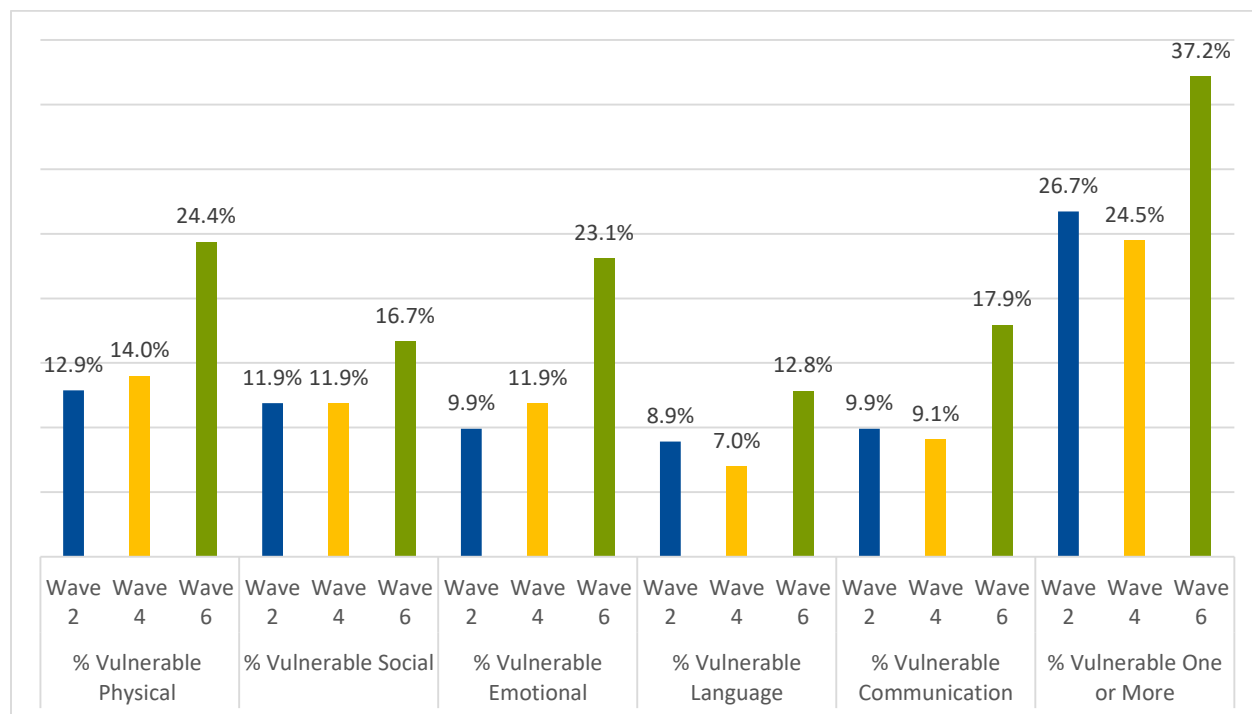
High School Completion

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 8.¹¹ 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
Prince George (SD 57)	75.8%	74.9%	72.3%	73.9%	73.9%	74.2%
All BC Public Schools	81.8%	83.6%	84.2%	83.9%	83.6%	83.4%

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 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.¹² The chart below shows the percentage of children vulnerable for the Mackenzie – Upper Fraser 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.



QUALITY OF LIFE & CIVIC ENGAGEMENT

Life Expectancy

Life expectancy is a common 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).¹³ The average from 2011 to 2015 was analysed. The Prince George 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.¹⁴ 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 Valemount is 5.2, 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 government elections for 2008, 2011, 2014 and 2018.¹⁵

	2008	2011	2014	2018
Valemount	45%	61%	53%	57%
Columbia Basin-Boundary average	51%	45%	41%	51%

Charitable Donations

Charitable donations¹⁶ 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 donations (\$'000)	Median donation	Median income
Valemount	1,170	210	17.9%	\$320	\$370	\$41,630
Fraser-Fort George	67,830	12,430	18.3%	\$19,790	\$320	\$62,490
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 statistics¹⁷ are useful for providing an indication of the health and capacity of these facilities in serving community needs and interests.

Indicator (2017)	Valemount Public Library	Average all libraries in Columbia Basin-Boundary
Population served	1,625	6,995
Total active cardholders as % of population served	43.3%	41.3%
Attendance at children's and young adult programs	294	3,320
Total employees, FTE	1.9	3.8
Volunteer hours worked	0	1,254
Number of in-person visits	7,900	42,805
Total visits per capita	7.6	8.4
Average hours open per week	36.4	38.5

Total local government support	\$110,670	\$239,789
Local government support per capita	\$68.10	\$35.10
Total other revenue	\$63,453	\$40,102

BUSINESS

Business Formations

Business formations measures the number of incorporations per year¹⁸, and is an indicator of the overall business climate, providing a sense of an expanding or contracting economy.

Year	Valemount	Fraser-Fort George	British Columbia
2013	2	404	32,225
2014	4	391	34,951
2015	7	401	37,934
2016	10	384	43,556
2017	6	381	46,247

Total Building Permits

This indicator measures the value of building permits issued annually by a defined region.¹⁹ Building permits and housing starts are well-accepted indicators of economic performance.

Year	Valemount (\$'000)	British Columbia (\$'000)
2013	\$960	\$9,976,104
2014	\$1,322	\$11,076,715
2015	\$1,825	\$13,125,233
2016	\$1,498	\$13,255,024
2017	\$1,635	\$15,710,782

Building Permits by Type

Type ¹⁹	Valemount (2017)	British Columbia (2017)
Residential (\$'000)	1,205	\$11,498,362
Commercial (\$'000)	430	\$2,439,623
Industrial (\$'000)	–	\$658,482
Institutional and Government (\$'000)	–	\$1,114,315
Residential (total number of units)	7	44,105

Visitor Centre Statistics

Visitor Centre Statistics²⁰ are a common indicator of tourism, an economic sector for many communities.

Year	Total Visitors Valemount Visitor Centre	Change from previous year Valemount	Change for all visitor centres in BC
2013	18,629	-6.4%	-5.0%
2014	23,246	24.8%	2.3%
2015	22,587	-2.8%	2.9%
2016	23,952	6.0%	-1.2%
2017	27,904	16.5%	-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.²¹ 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

	Valemount (2017)	% of Total Revenue
Total Own Purpose Taxation and Grants in Lieu	\$1,046,660	22.0%
Sale of Services	\$890,817	18.7%
Transfers from Federal Governments	\$400,791	8.4%
Transfers from Provincial Governments	\$1,013,566	21.3%
Transfers from Regional and Other Governments	\$229,229	4.8%
Investment Income	\$28,382	0.6%
Income from Government Business Enterprise	\$1,147,983	24.1%
Developer Contributions	\$0	0%
Disposition of Assets	\$0	0%
Other Revenue	\$0	0%
Total Revenue	\$4,757,428	

Municipal Expenses

	Valemount (2017)	% of Total Expenses
General Government	\$740,987	24.0%
Protective Services	\$71,441	2.3%
Solid Waste Management and Recycling	\$81,465	2.6%
Health, Social Services and Housing	\$0	0%
Development Services	\$0	0%
Transportation and Transit	\$437,472	14.2%
Parks, Recreation and Culture	\$669,348	21.7%
Water Services	\$245,812	8.0%
Sewer Services	\$262,062	8.5%
Other Services	\$7,194	0.2%
Amortization	\$568,834	18.4%
Other Adjustments	\$0	0%
Total Expenses	\$3,084,615	

Taxes & Charges on a Representative House

	Valemount (2018)
House value	\$195,523
School	\$488
General Municipal Total	\$681
Regional District	\$575
Hospital	\$95
BCA, MFA, and other	\$66
Total Residential Variable Rate Taxes	\$1,906
Total Residential Parcel Taxes	\$95
Total Residential User Fees	\$704
Total Residential Property Taxes and Charges	\$2,705

* 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

Valemount has 1 national park and 10 provincial parks and protected areas within a 40 kilometer radius of the municipality. It also has at least 6 local parks and greenspaces within its boundaries.

Provincial Parks & Protected Areas ^{22,23}	Jackman Flats Park	North Thompson Oxbows East Park
	Jasper National Park	North Thompson Oxbows Manteau Park
	Mt. Robson Corridor Protected Area	Rearguard Falls Park
	Mt. Robson Park	Small River Caves Park
	Mt. Robson Protected Area	Wells Gray Park
	Mt. Terry Fox Park	
Local Greenspaces ²⁴	Ball Diamonds	George Hicks Regional Park
	Centennial Park	Kinnikinnick Park
	Community Park	Valemount Sportsplex

Weather & Climate

Weather and climate data is based on the Government of Canada's climate normals and averages for the Cariboo Lodge station.²⁵

	January	July
Daily average (°C)	-8.1	14.1
Daily maximum (°C)	-5.5	20.7
Daily minimum (°C)	-10.6	7.6
Extreme maximum (°C)	7.8 (1976)	35.0 (1979)
Extreme minimum (°C)	-35.0 (1996)	-4.0 (1979)
Rainfall (mm)	6.4	72.4
Snowfall (cm)	117.5	0
Extreme daily rainfall (mm)	20.0 (1989)	30.9 (1983)
Extreme daily snowfall (cm)	41.0 (1984)	0 (1976)
Extreme snow depth (cm)	165 (2007)	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 Valemount.²⁶ 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
Annual mean temperature	3.5 °C	5.2 °C	5.7 °C	6.4 °C	7.3 °C
Annual total precipitation	665 mm	732 mm	735 mm	750 mm	774 mm

REFERENCES

1. Statistics Canada. Census Profile, 2016 Census. (2016). Available at: <https://www12.statcan.gc.ca/census-recensement/2016/dp-pd/prof/index.cfm?Lang=E>.
2. BC Stats. Sub-Provincial Population Projections. (2018). Available at: <https://www.bcstats.gov.bc.ca/apps/PopulationProjections.aspx>.
3. Columbia Basin Water Smart. Water Smart 2015 Data [custom data request]. (2016).
4. University of British Columbia. BC Municipal Water Survey 2016. *The Water Planning Lab at the School of Community and Regional Planning* (2016). Available at: <http://www.wpl.scarp.ubc.ca/bc-municipal-water-survey-2016/>.
5. Government of Canada. Who serves my area? (2018). Available at: <https://www.ic.gc.ca/app/sitt/bbmap/hm.html>.
6. Environmental Reporting BC. Municipal Solid Waste Disposal in BC (1990-2016). (2018). Available at: <http://www.env.gov.bc.ca/soe/indicators/sustainability/municipal-solid-waste.html>.
7. Ministry of Transportation and Infrastructure. Traffic Data Program. (2018). Available at: <https://www.th.gov.bc.ca/trafficData/>.
8. BC Assessment. Single Family Dwelling Residential Property Values by Assessment Area. (2018).
9. Statistics Canada. Table F-18 Family data - After-tax low income (based on after-tax low income measures, LIMs), 2015. (2016).
10. Statistics Canada: Income Statistics Division. Table F-6 Family data - Sources of Income by census family Type, 2015. (2015).
11. BC Ministry of Education. District Reports. *Ministry of Education Reporting on K to 12* (2016). Available at: <http://www.bced.gov.bc.ca/reporting/district.php>.
12. Human Early Learning Partnership. EDI Interactive Map. (2016). Available at: <http://earlylearning.ubc.ca/interactive-map/>.
13. BC Stats. Vital Statistics, Life Expectancy. (2018). Available at: <https://www2.gov.bc.ca/gov/content/data/statistics/people-population-community/population/vital-statistics>.
14. Statistics Canada. Crime severity index and weighted clearance rates, by police service, British Columbia. (2017). Available at: <http://www5.statcan.gc.ca/cansim/a21>.
15. Civic Info BC. Election Results. (2018). Available at: <http://www.civicinfo.bc.ca/election>.
16. Statistics Canada: Income Statistics Division. Charitable Donations, 2015. Taxfiler (T1FF) - Financial Data and Charitable Donations. (2017).
17. Ministry of Education. British Columbia Public Library Statistics. *Libraries Branch* (2018). Available at: <https://catalogue.data.gov.bc.ca/dataset/bc-public-libraries-statistics-2002-present>.
18. BC Stats. Business Formations and Failures. (2018). Available at: <https://www2.gov.bc.ca/gov/content/data/statistics/economy/business-formations-failures>.
19. BC Stats. Building Permits, Housing Starts and Sales. (2018). Available at: <https://www2.gov.bc.ca/gov/content/data/statistics/economy/building-permits-housing-starts-sales>.
20. Destination British Columbia. Visitor Services Network Statistics Program, Year over Year Reports, 2013 to 2017. (2018). Available at: <https://www.networkstats.tourismbc.com/ReportDefinition.aspx>.
21. Province of British Columbia. Municipal General & Financial Statistics. (2018). Available at: <https://www2.gov.bc.ca/gov/content/governments/local-governments/facts-framework/statistics/statistics>.
22. Natural Resources Canada. Open Government Portal. (2018). Available at: <https://open.canada.ca/data/en/dataset?organization=nrcan-rncan#distribution>.

-
23. Ministry of Environment and Climate Change. BC Parks Locator. *Parks and Planning Management. Data BC*. (2018). Available at: <https://catalogue.data.gov.bc.ca/dataset/bc-parks-locator>.
 24. Ministry of Forests Lands Natural Resource Operations & Rural Development. Local and Regional Greenspaces. *Data BC* (2018). Available at: <https://catalogue.data.gov.bc.ca/dataset/local-and-regional-greenspaces>.
 25. Government of Canada. Canadian Climate Normals 1981-2010 Station Data. (2018). Available at: http://climate.weather.gc.ca/climate_normals/results_1981_2010_e.html?stnID=1180&autofwd=1.
 26. Climate Resilience Consulting Ltd. Community Climate Datasets (custom). (2018).