



ADRIAN WAGNER | STUDIO

# LOWER COLUMBIA REGIONAL PROFILE 2018

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# DISCOVER THE LOWER COLUMBIA - INVEST IN OUR REGION

Living in the Lower Columbia region, one has easy access to a healthy outdoor lifestyle, high-quality health care and a resilient economy built upon a hard-working and diverse workforce, great accessibility, a reliable logistics sector and companies with strong customer, supplier and employee relationships. These factors make the area particularly well suited for economic development.

The region is a hotbed of metallurgical activity: smelting and refining of zinc and lead, reclaiming metals from end-of-life electronics, producing gold, silver, and a vast array of other metals; recycling zinc, lead and lithium found in dead batteries, manufacturing germanium-based optical lens; and growing high-quality indium antimonite-based crystals.

Directly related to these activities are two hydroelectric stations in the region, on the Pend O' Orielle and Columbia Rivers, that generate hydroelectric power.

The Lower Columbia also has a robust transportation infrastructure including the Trail Regional Airport which offers daily flights to Vancouver via Pacific Coastal Airlines, Canada and USA rail access and two

border crossing within 15 minutes.

BC's Lower Columbia is home to a major regional hospital that serves more than 80,000 people. The KBRH offers specialist, core medical, and advanced diagnostic services to the residents throughout the region. Medical tourists come to access cosmetic and other health care offered by local specialists with hospital privileges. With them, families come to visit. The region's very accessible health care will become even more attractive in the future as our population ages.

In addition to all the medical professionals and support staff it directly employs, the spin-offs include all the construction work required by constant facility upgrades.

The Lower Columbia is also home to the new centre for Metallurgical Industrial Development Acceleration and Studies (MIDAS). This sector-targeted applied research and commercialization centre is providing downstream metallurgical expertise, a digital fabrication laboratory, and business development support for the region.

The Lower Columbia is well known for recreation. From skiing at RED Mountain Resort to fishing on

the Columbia River to back country experiences in the Monashee Mountains, the region attracts and retains a skilled, enthusiastic workforce. The quality of life is yet another reason to visit, invest or relocate to the Lower Columbia.





# LCIC OVERVIEW •

The Lower Columbia Initiatives Corporation (LCIC), the regional economic development office, is a partnership between the cities of Trail and Rossland, villages of Warfield, Montrose, and Fruitvale as well as Electoral areas A & B of the Regional District of Kootenay Boundary.



Photo Credits: Brian Findlow

## VISION

To be the regional economic development agent that supports and drives growth and prosperity.

LCIC works to develop a creative, dynamic and competitive business environment that fosters economic growth.

LCIC works collaboratively with the businesses within these communities, to develop and implement strategies to strengthen our local economy.

LCIC shares information with potential investors, existing businesses, and other service providers to advance local projects and economic priorities.

## MISSION

To drive Economic Development in the Lower Columbia.

LCIC assists existing business and industry to maintain a healthy economic climate, while identifying and pursuing new economic opportunities.

This regional profile identifies and examines economic and demographic trends to provide up-to-date information for business planning.

The Lower Columbia Initiatives is committed to a cohesive, comprehensive, region-wide approach to the challenges and opportunities of economic development in the Lower Columbia Region.

## VALUES

The LCIC values innovation, creativity, collaboration, partnerships, honesty, trust, respect for diversity and the opinions of others.

## LCIC STRATEGIC PRIORITIES

- Attract new investment by promoting competitive advantages of existing assets and lifestyle.
- Drive economic development by advancing identified opportunities with existing businesses; and leveraging strategic partnerships.
- Cultivate expertise through awareness of economic development trends, innovation and best practices.

# 2019 ECONOMIC OUTLOOK

The Lower Columbia region is experiencing a period of significant growth, and this isn't due to luck or a happy accident. Significant investment and collaboration by our local municipalities and business community is making a difference! The LCIC's economic development work and our **metaltechalley** cluster strategy are also part of this success. The accomplishments of this strategy are numerous and it is recognized provincially as best practice in diversifying our economy and expanding markets. Twenty-four new jobs have been created locally, 15 new companies have relocated to the region, over 300 locals have been trained in digital fabrication and other in-demand skills, and \$5 M in new investments and revenue have been generated. This is significant growth for a rural region.

But this is only the beginning... Some projected upcoming major investments for 2019 include:



## **\$174 M** New Acid Plant at Teck Trail Operations.

Teck Metals Trail Operations is the world's largest fully integrated zinc and lead smelting and refining complexes.

## **\$225 K** i4C Innovation Centre Wastewater Sensor Testing Lab Facility

i4C Innovation Inc. is a technology integrator that designs and implements complex industrial solutions in collaboration with technology partners.

## **\$3.5 M** Planned Utilities Projects & Investments in Recreational Facilities in Trail

The City of Trail is making significant infrastructure investments including the demolition of the Union Hotel in the downtown which will open up 3 prime lots for future development as well as undertaking a study regarding a second access road to the regional hospital.

## **\$41 M** Kootenay Boundary Regional Hospital Upgrades

Emergency department upgrades and improvements to the pharmacy and a new ambulatory care unit are underway.

## **\$2 M** Fenix Advanced Materials New Markets Expansion

Fenix Advanced Materials Inc. is a clean technology company specializing in the manufacturing of ultra-high purity (UHP) metals that sells a variety of UHP metals for use in the Solar Energy, Telecommunications, and Commercial & Military Infrared markets.

## **\$4 M** Investment in ThoughtExchange for Service Development

Rossland based company, Thoughtexchange, provides community intelligence software empowering leaders to surface answers to open-ended questions in real-time.



# metaltechalley

Trail, British Columbia, CANADA

T i m i n g   i s   e v e r y t h i n g .



# COMMUNITIES OF THE LOWER COLUMBIA

In 1942 Leon Simmons developed Woods Flats, an area of about 220 acres situated above the Columbia River east of Trail. The name Montrose was chosen after a popular place in Scotland. The land was surveyed into lots and shortly thereafter the Montrose Improvement Association was formed. The Montrose Improvement Association developed into a Council with a Chairman and four Commissioners. The Montrose Recreation Commission was formed soon after and continues today as it serves its 1,000 residents.

## MONTROSE

## TRAIL

The City of Trail was settled in the 1890's in support of the developing gold/copper mines in Rossland. In 1895 a small smelter called the BC Smelting and Refining Company was constructed at Trail Creek to refine the ores from the Rossland mines. Over the years, the small smelter grew into one of the world's largest metallurgical complexes, as well as one of the region's largest employers. The City of Trail, also known as "the Silver City", is nestled along the mighty Columbia River and is home to over 7,700 residents. Trail also boasts a vibrant amateur sports community with a long history of excellence that earned it BC's Sports Town in the 1990's.

Fruitvale was originally named Beaver Siding in 1893 as a railway stop for the Nelson and Fort Sheppard Railway (later acquired by the Great Northern Railroad). In 1906, Fruitvale Limited purchased a great deal of land on both sides of this stop and changed the name to Fruitvale in a bid to attract settlement in the area. Although the community is over 100 years old, Fruitvale was formally incorporated as a Village on November 4, 1952. Fruitvale has now blossomed into a full service bedroom community of approximately 2,000 people, offering a small town, rural setting with many services and amenities for residents who work and play throughout the region.

## FRUITVALE

## WARFIELD

The Village of Warfield, nicknamed "Jewel of the Kootenays", is identified by the distinct style of houses on the upper side of Warfield, known as "Mickey Mouse" houses, by the trees of the Beaver Bend Area, and by the beautiful gardens and well-kept properties of Annabel. The village was named after Carlo Warfield who was the private secretary of F.A. Heinze, the builder of the original smelter, Cominco, which is now known as Teck Metals Ltd. The Village of Warfield offers a number of community amenities that support a healthy and happy family life including an elementary school, community hall, community centennial pool, several lush parks and the natural beauty of the area.

The City of Rossland is tucked high in the Monashee Mountains, at an elevation of 1023 metres (3410 feet) and a population of close to 3,800. Known as both "Canada's Alpine City" and "Canada's Mountain Bike Capital", Rossland boasts an impressive trail network that is used year round. Slightly higher, Red Mountain Ski Resort's reputation for "steep and deep" powder snow averages 760 cm (25 feet) of annual snowfall, making it an incredible tourist destination for world class skiing in winter and mountain biking in the summer.

## ROSSLAND

Photo Credits: Dave Heath/Tourism Rossland



Photo Credits: Larry Doell



Photo Credits: Larry Doell



With a population of 1,890, Area 'A' includes the rural areas bordered on the west by the Columbia River, on the south by the Canada / U.S. Border, on the north by Champion Lakes Provincial Park and stretches east of the Village of Fruitvale. Historically, this lush area was considered the best fruit growing area in the West Kootenay. At Columbia Gardens, just north of the Canada / U.S. Border crossing at Waneta, you can taste the local climate and geographic conditions when you visit our emerging wineries.

Electoral Area 'B' has a population of 1,442 people and includes the rural areas bordered on the east by the Columbia River, on the west by the Santa Rosa Summit, on the north by the junction of Highways 3 & 3B and on the south by the Canada / U.S. Border and includes the unincorporated communities of Genelle, Rivervale, Oasis, Casino, Blackjack, South Belt, Sheep Creek and Patterson.

# REGIONAL DISTRICT OF KOOTENAY BOUNDARY AREA A & B

## GEOGRAPHY & CLIMATE

The Lower Columbia region is located in southeastern British Columbia, Canada, next to the Canada / U.S. Border. This region encompasses two electoral (rural) areas and five municipalities, each with its own unique personality, history, microclimate and demographics. Due to its rugged geography, the Lower Columbia boasts two unique climatic zones that are less than 10 kilometers (6 miles) apart, where the current weather conditions in Trail can vary greatly from Rossland. As moisture laden Pacific Ocean air from the West flows inland, it first passes over the Monashee Mountain range depositing moisture on its way East. Due to its location and elevation, the City of Rossland gets more than twice the annual snowfall than that received in the City of Trail located only 8.7 kilometers below in the Columbia River valley.



Figure 1: Communities of the Lower Columbia Region

### Average Lower Columbia Regional Temperature and Precipitation Chart for 1981 to 2010 Canadian Climate Normals

Annual Average Temperature	8.9°C
Daily Average Maximum	13.8°C
Daily Average Minimum	3.8°C
Annual Average Precipitation	779mm
Rainfall	600mm
Snowfall	179mm

Photo Credits: Sara Rainford





# DEMOGRAPHICS & ECONOMY

Age Distribution for the Lower Columbia Region

## POPULATION



Population by Age Group Census	2011	% of Population	2016	% of Population
Under – 19	4,093	21.0%	3,885	20%
20 – 34	3,078	15.8%	2,965	15%
35 – 54	5,500	28.2%	4,775	24.6%
55 – 64	3,202	16.4%	3,550	18.3%
65 – 74	1,812	9.3%	2,270	11.7%
Over 75	1,827	9.4%	1,910	10%
Total	19,512	100%	19,355	100%

## POPULATION DISTRIBUTION FOR THE LOWER COLUMBIA REGION

Name	2015 Population	2016 Population
FRUITVALE	2,064	1,920
MONTROSE	1,010	996
ROSSLAND	3,575	3,729
TRAIL	7,448	7,709
WARFIELD	1,662	1,680
KOOTENAY BOUNDARY A*	1,989	1,891
KOOTENAY BOUNDARY B*	1,418	1,442
LOWER COLUMBIA	19,166	19,367

## LABOUR FORCE

In the labour force **9,435**

Employed **8,685**

Employees **89%**

Self-Employed **11%**

Unemployment rate **3.1%**

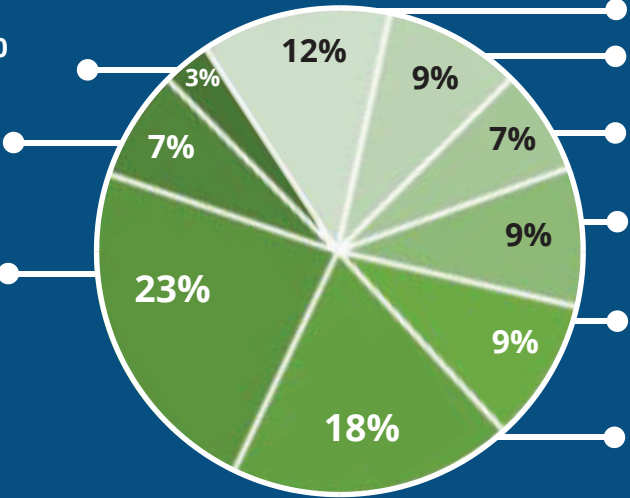
Total labour force population aged 15 years and over by occupation - (NOC) 2016

Natural resources; agriculture and related production occupations **250**

Occupations in manufacturing and utilities **690**

Sales and service occupations **2,090**

All occupations **9,285**  
**100%**



Business; finance and administration occupations **1,180**

Management occupations **835**

Natural and applied sciences and related occupations **620**

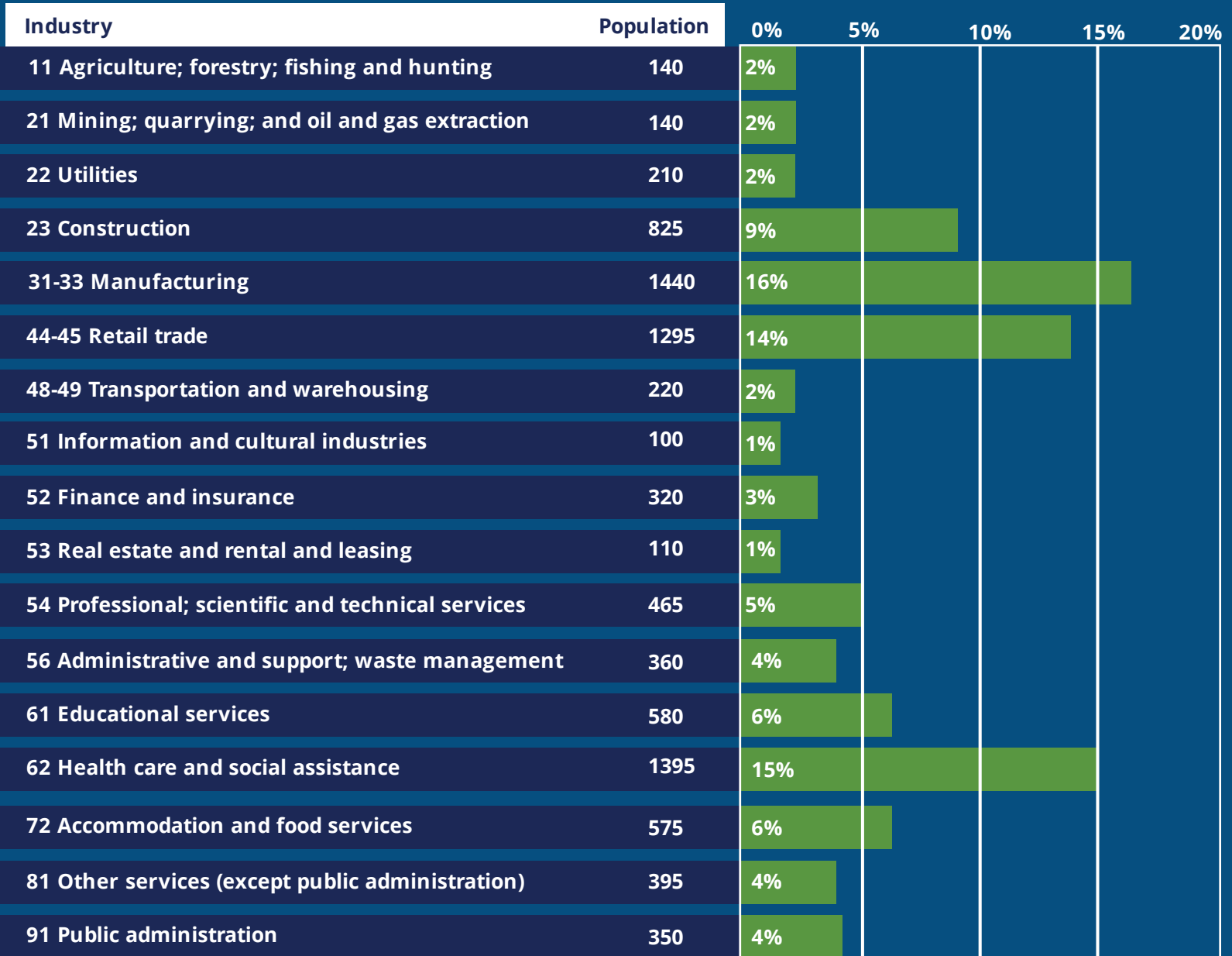
Health occupations **885**

Occupations in education; law and social; community and government services **820**

Trades; transport and equipment operators and related occupations **1,680**



# ALL INDUSTRIES 9,290 (100%)



## BUSINESS LICENSES

LOCATION	2017	2018
FRUITVALE	52 (5%)	60 (6%)
MONTROSE	10 (1%)	7 (1%)
TRAIL (A&B)	685 (69%)	691 (67%)
WARFIELD	21 (2%)	26 (3%)
ROSSLAND	225 (22%)	251 (24%)
LCR TOTAL	993 (100%)	1035 (100%)



# MAJOR EMPLOYERS

## WORKFORCE EDUCATION ATTAINMENT

LEVEL-ATTAINED	POPULATION	%
No certificate; diploma or degree	2,660	16%
High school diploma or equivalent	4,380	27%
Post secondary certificate; diploma or degree	9,060	56%
Apprenticeship or trades certificate or diploma	2,410	15%
College; CEGEP or other non-university certificate or diploma	3,790	24%
University certificate/ diploma below bachelor level	545	3%
University certificate; diploma or degree at bachelor level or above	2,340	15%
Bachelor's degree	1,460	9%
University certificate; diploma or degree above bachelor level	145	1%

Source: Statistics Canada Census, 2016

Photo Credits: Ryan Flett/Tourism Rossland



## WORKFORCE AREA OF STUDY

AREA OF STUDY	POPULATION	%
No post secondary certificate; diploma or degree	7,045	44%
Architecture; engineering; and related technologies	2,950	18%
Business; management and public administration	1,465	9%
Social and behavioural sciences and law	495	3%
Health and related fields	1,895	12%
Personal; protective and transportation services	545	3%
Education	650	4%
Visual and performing arts & communications technologies	205	1%
Physical and life sciences and technologies	250	2%
Mathematics; computer and information sciences	150	1%

Total population aged 15 years and over by highest certificate; diploma or degree **16,110 (100%)**

Employer : **Teck Trail Operations**  
Main Activity : **Smelter/Refinery**  
No. Of Employees : **1,480**

Employer : **Interior Health Authority**  
Main Activity : **Health Care**  
No. Of Employees : **5,356**

Employer : **School District No.20**  
Main Activity : **Education**  
No. Of Employees : **650**

Employer : **Kootenay Savings Credit Union**  
Main Activity : **Financial Services**  
No. Of Employees : **120**

Employer : **Red Mountain Resort**  
Main Activity : **Ski Resort**  
No. Of Employees : **367**

Employer : **FortisBC (throughout BC)**  
Main Activity : **Utility**  
No. Of Employees : **2,200**

Employer : **Wal-Mart Canada**  
Main Activity : **Retail**  
No. Of Employees : **156**

Employer : **Ferraro Foods**  
Main Activity : **Groceries**  
No. Of Employees : **175**

Employer : **Selkirk College**  
Main Activity : **Education**  
No. Of Employees : **450**

Employer : **City of Trail**  
Main Activity : **Municipal Services**  
No. Of Employees : **109**

Employer : **Best Western-Columbia River Hotel**  
Main Activity : **Full Service Hotel**  
No. Of Employees : **80**

Employer : **McAuley's No Frills**  
Main Activity : **Groceries**  
No. Of Employees : **54**

Employer : **Canada Safeway**  
Main Activity : **Groceries**  
No. Of Employees : **55**

Employer : **Regional District of Kootenay Boundary**  
Main Activity : **Regional Services**  
No. Of Employees : **96 (FTE)**

Employer : **Atco Wood Products**  
Main Activity : **Forest Products**  
No. Of Employees : **65**

Employer : **Canadian Tire**  
Main Activity : **Retail**  
No. Of Employees : **50**



The Lower Columbia Region is situated on the Canada/USA border. Markets in BC, Alberta, Washington, Idaho and Montana are all within a day's drive. The following population radius map shows the estimated number of people living within concentric, straight-line distances in a 500 kilometer radius of Trail.



Photo Credits: Aaron Theisen



HIGHWAYS

Name	Highway Type
Hwy 22	International
Hwy 22A	International
Hwy 3B	Inter-Provincial

DISTANCE TO MAJOR CENTRES (km)

<b>Trail, BC</b> Population 7,709 Distance 0	<b>Rossland, BC</b> Population 3,729 Distance 9	<b>Fruitvale, BC</b> Population 1,920 Distance 15	<b>Cranbrook, BC</b> Population 20,047 Distance 214
<b>Nelson, BC</b> Population 10,664 Distance 78	<b>Grand Forks BC</b> Population 4,049 Distance 94	<b>Kelowna, BC</b> Population 151,957 Distance 309	
<b>Penticton, BC</b> Population 33,761 Distance 247	<b>Calgary Metro, AB</b> Population 1,392,609 Distance 636	<b>Vancouver Metro,BC</b> Population 2,548,700 Distance 629	<b>Seattle Metro, WA</b> Population 3,733,580 Distance 608

\*Population data taken from 2016 census.



## Commercial Vehicle Specifications

### Commercial Vehicle Without Permit

Maximum Width	- 2.59 m
Maximum Height	- 4.15 m

### Commercial Vehicle With Permit

Maximum Width	- 4.4 m
Maximum Height	- 4.72 m

### Maximum Vehicle Weights

Super B	- 63,500 kg
Single Axle	- 9,100 kg
Tandem Axle (set)	- 17,000 kg
Tridem Axle (set)	- 24,000 kg

### Maximum Weights

Super B	- 64,000 kg
Single Axle	- 9,100 kg
Tandem Axle (set)	- 23,000 kg
Tridem Axle (set)	- 29,000 kg

## PROVINCIAL PERMIT CENTRE

For more information on receiving a commercial vehicle permit please contact 1-800-559-9688. Hours of service are from 5am to 10pm, seven days a week and most statutory holidays. The 1-800 number is available to callers any where in Canada or the United States. Permits available through this line include:

- non-resident commercial vehicle permits
- term over size and over weight permits
- single trip over size and overweight permits
- motor fuel tax permits
- highway crossing permits
- extra-provincial temporary operating permits



Photo Credits: Brian Findlow



Photo Credits: Brian Findlow

## ANCHOR PORTS

### Vancouver Fraser Port Authority

City	: Vancouver
Distance from Community	: 625 km
Type of Port	: Ocean
Depth	: Minimum -10 mtr
Highways Serving Port	: #1, #1A, #7A, #99A, #17
Railways Serving Port	: CP Rail, CN Rail, BNSF

### Port of Seattle

City	: Seattle
Distance from Community	: 600 km
Type of Port	: Ocean
Channel Depth	: Minimum -13 mtr
Highways Serving Port	: I-90, WA-25, WA 2, WA-395
Railways Serving Port	: CP Rail, CN Rail, BNSF

## Customs & Border Crossings

Canada Border Services Agency is responsible for the Ports of Entry that serve the Lower Columbia region:

	Location	Point of entry	Service
Trail Airport	Trail, BC	Airport	Cargo shipment clearing and freight
Paterson	Paterson, BC Frontier, WA	Highway 2	24 hrs Cargo shipment clearing and freight
Waneta	Waneta, BC Boundary, WA	Highway 22	Cargo shipment clearing and freight

# RAILWAY

	Line	Line Type	Switching Yard
CP Rail	Branch	National	----
BNSF	Branch	International	YES
Atco Wood Products	Branch	National	----

# AIR

CARRIERS  
CITIES SERVED

## Trail Regional Airport

☑ Pacific Coastal

☑ Vancouver BC

## West Kootenay Regional Airport (Castlegar)

☑ Air Canada

☑ Vancouver BC  
☑ Calgary AB

## Canadian Rockies Regional Airport (Cranbrook)

☑ Air Canada  
☑ Integra Air  
☑ Pacific Coastal

☑ Vancouver BC  
☑ Kelowna BC  
☑ Calgary AB

## Spokane International Airport

☑ United Airlines  
☑ American Airlines  
☑ Delta Airlines  
☑ Alaska Airlines  
☑ Southwest Airlines

☑ Chicago IL  
☑ Seattle WA  
☑ Portland OR  
☑ Boise ID  
☑ Las Vegas NV  
☑ Oakland CA  
☑ Salt Lake City UT  
☑ Denver CO  
☑ Los Angeles CA  
☑ Minneapolis MN  
☑ Phoenix AZ

## Kelowna International Airport

☑ Alaska Airlines  
☑ Air Canada  
☑ Air Transat  
☑ Air North  
☑ Pacific Coastal  
☑ Sunwing Airlines  
☑ Central Mountain Air  
☑ WestJet

☑ Prince George BC  
☑ Vancouver BC  
☑ Victoria BC  
☑ Calgary AB  
☑ Edmonton AB  
☑ Toronto ON  
☑ Whitehorse YT  
☑ Cranbrook BC  
☑ Seattle WA  
☑ Las Vegas NV  
☑ Phoenix AZ  
☑ Cancun MEX  
☑ Cabo San Lucas MEX  
☑ Puerto Vallarta MEX

## LAND USE (RESIDENTIAL)

### Dwellings by Type and Jurisdiction in 2016

	Total Private Households (2016)	Single Detached Houses	Semi Detached Houses	Row Houses	Apartments, Duplex	Movable Dwellings, Other
FRUITVALE	820	640	45	0	120	10
MONTROSE	425	410	0	5	10	0
TRAIL	3680	2630	150	190	695	5
WARFIELD	765	620	15	0	120	0
ROSSLAND	1590	1295	20	25	205	40
AREAS A & B	1460	1205	0	5	5	230
LCR	8740	6800	230	225	1155	285

### Dwellings by Type and Jurisdiction in 2016

	Total Private Households (2016)	Owner Occupied Dwellings	Owner Occupied Dwellings	Rented Dwellings	Rented Dwellings
FRUITVALE	820	640	78.0%	180	22.0%
MONTROSE	425	390	91.7%	35	8.3%
TRAIL	3680	2500	67.9%	1185	32.2%
WARFIELD	770	610	79.2%	160	20.8%
ROSSLAND	1595	1265	79.3%	330	20.7%
AREAS A & B	1455	1350	92.7%	105	7.3%
LCR	8745	6755	77.2%	1995	22.8%

YEAR	Median Assessed Values (\$) - Single Family Residential				
	FRUITVALE	MONTROSE	TRAIL	WARFIELD	ROSSLAND
2017	216,000	231,000	159,000	191,000	256,000
2018	253,000	234,000	175,000	196,000	286,000
2019	283,000	270,000	201,000	221,000	338,000

## LAND USE (INDUSTRIAL)

### Industrial Land Zoned and Designated in Official Community Plan

Area	Land Available (Acres)	Industrial Zoning
Area 'A'	657	2, 3, 4, 5, 7
Area 'B'	200	1, 2, 3, 4, 5, 6, 7, 8, 9
Rossland	21	Light Industrial
Trail	66	Light Industrial
Lower Columbia	944	

### Industrial Land Ownership by Group

Industrial Land Ownership	Industrial and Light Industrial Zoning (Acres)
Total -----	944 Acres
Privately Owned -----	749 Acres
RDKB -----	126 Acres
Crown Land -----	69 Acres

## CROWN LAND

Crown land is owned by the Province of British Columbia. The Province is the steward of the land and can lease, license and sell Crown land for a variety of purposes including residential, commercial, industrial, agricultural, tourism and recreational purposes. To view properties that the Federal Government of Canada has for sale, please visit Public Works and Government Service Canada ([www.tpsgc-pwgsc.gc.ca](http://www.tpsgc-pwgsc.gc.ca)).

### Integrated Land Management Bureau

Provides a single source of reliable information on BC Crown land legal interests and land status.  
1-866-952-6801

### Ministry of Jobs, Trades & Technology

Manages government services that help support and maintain a strong and diverse economy.  
1-800-663-7867

### Ministry of Transportation & Infrastructure

Provides services and infrastructure, develops transportation policies, and administers related acts.  
1-250-387-3198



Photo Credits: Ryan Flett/Tourism Rossland





# UTILITIES

**ELECTRICITY:** FortisBC provides electricity to businesses in BC's Lower Columbia. Call 1-866-436-7847 to find out more about electrical utility costs for your venture.



Photo Credits: Unknown

**Name of Provider** ..... **FortisBC Energy Inc.**

**Firm Contract Rates:** Yes - Available for large volume commercial, institutional, multi-family and other accounts please review FortisBC's Electric Tariff. **Website:** [www.fortisbc.com](http://www.fortisbc.com)

**Type of Customer: (Jan.2018)** ..... **Residential**

**Customer Charge:** \$32.09 based on 60 day billing period. **First 1,600 kWh:** 10.117¢ per kWh  
**Additional kWh:** 15.617¢ per kWh

**Type of Customer: (Jan.2018)** ..... **Small Commercial Customers**

**Note:** This rate is for non-residential customers whose electrical demand is generally not more than 40 kW and can be supplied through one meter.  
**Customer Charge:** \$38.80 based on 60 day billing period **All kWh:** 10.195¢ per kWh

**Type of Customer: (Jan.2018)** ..... **Large Commercial Customers**

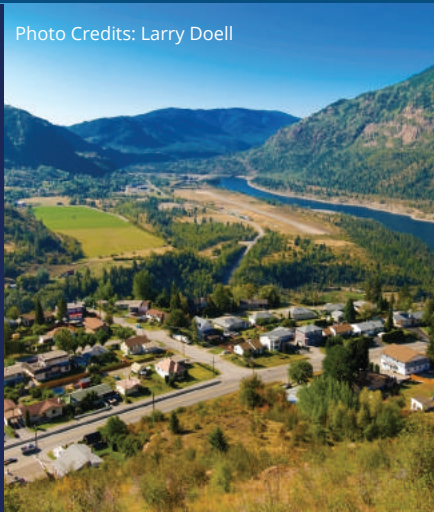
**Note:** This rate is for non-residential customers whose electrical demand is generally greater than 40 kW but less than 500 kW and can be supplied through one meter.  
**Customer Charge:** \$16.48 based on 30 day billing period. **First 8000 kWh:** 8.663¢ per kWh  
**Demand Charge:** \$8.60 per kW of billing demand above 40 kW **Balance of kWh:** 7.191¢ per kWh.

## WASTE MANAGEMENT

**Landfill Name:** McKelvey Regional Landfill

**Location:** 1900 Hwy 3B, Trail, BC  
**Waste Accepted:** Commercial, Residential, Recycling  
**Tipping Fee:** Based on weight  
**Contact:** 250-368-9148

Photo Credits: Larry Doell



## WATER & SEWER

**Water Treatment**

**Name of Provider:** RDKB  
**Rated Capacity:** 3 million litres  
**Water Connection Fee for Industrial Users:** Parcel \$167/yr  
**Sewer Treatment:** Septic field



Photo Credits: Larry Doell

## NATURAL GAS

Natural gas is a commodity traded on the open market. FortisBC does not earn a profit on the price of the commodity. FortisBC bills a basic monthly service charge, a variable delivery charge, a variable commodity charge, and a midstream charge paid to third parties for gas storage, transport and management. FortisBC provides electricity to businesses in BC's Lower Columbia. Call 1-888-224-2710 or 1-250-979-4900 to find out more about natural gas costs.

### Name of Provider

**FortisBC Energy Inc.**

**Firm Contract Rates:** Yes - Available for large volume commercial, institutional, multi-family and other accounts with an annual consumption of approximately 5,000 GJ or more.

### Type of Customer: (Jan.2018)

**Residential**

**Basic Charge Per Day:** \$0.408 per day

**Delivery Charge:** \$4.349 per GJ

**Storage and transport charge:** \$1.462 per GJ

**Cost of Gas:** \$1.549 per GJ

### Type of Customer: (Jan.2018)

**Small Commercial Customers (Rate2)**

**Basic Charge Per Day:** \$0.948 per day

**Delivery Charge:** \$3.384 per GJ

**Storage and transport charge:** \$1.490 per GJ

**Cost of Gas:** \$1.549 per GJ

### Type of Customer: (Jan.2018)

**Large Commercial Customers (Rate3)**

**Basic Charge Per Day:** \$4.789 per day

**Delivery Charge:** \$2.977 per GJ

**Storage and transport charge:** \$1.245 per GJ

**Cost of Gas:** \$1.549 per GJ

## TELECOMMUNICATIONS & MEDIA

### NAME OF PROVIDERS

#### Telus

📍 1235 Bay Ave Trail, BC V1R 4A5  
☎ 250-364-1004  
🌐 [www.telus.com](http://www.telus.com)

#### Shaw

📍 1951 Columbia Ave  
Castlegar, BC V1N 2W8  
☎ 250-365-3122  
🌐 [www.shaw.ca](http://www.shaw.ca)

#### Bell

📍 1696 2nd Ave Trail, BC V1R 1M5  
☎ 250-364-1817  
🌐 [www.bell.ca](http://www.bell.ca)

### RADIO

CBC Radio 94.9 FM  
EZ-Rock 95.7 FM  
The GOAT 104.9 FM

Trail Times  
Trail Champion  
Rossland Telegraph  
Rossland News

### NEWSPAPERS

# BUSINESS SUPPORT CONTACTS

## Business Services

### Lower Columbia Initiatives Corporation (LCIC)

📍 1355 Pine Ave Trail, BC  
🌐 lcic.ca ☎️ 250-364-6461



### Community Skills Centre

📍 123 – 1290 Esplanade St. Trail, BC  
🌐 communityskillscentre.com ☎️ 250-368-6360

### Trail & District Chamber of Commerce

📍 1199 Bay Ave Trail, BC  
🌐 trailchamber.bc.ca ☎️ 250-368-3144



### Kootenay Association of Science & Technology (KAST)

📍 2196 Leroi Ave Rossland, BC  
🌐 kast.com ☎️ 250-362-5052

### Community Futures of Greater Trail

📍 825 Spokane St. Trail, BC  
🌐 communityfutures.com ☎️ 250-364-2595



### Service BC

📍 1050 Eldorado St. Trail, BC  
🌐 Servicebc.gov.bc.ca ☎️ 250-364-0591

## Lower Columbia Communities

### Village of Fruitvale

📍 1947 Beaver St, Fruitvale, BC V0G 1L0  
☎️ 250-367-7551  
🌐 www.village.fruitvale.bc.ca



### Village of Montrose

📍 865 11th Ave, Montrose, BC V0G 1P0  
☎️ 250-367-7234  
🌐 www.montrose.ca

### Village of Warfield

📍 555 Schofield Hwy, Warfield, BC V1R 2G7  
☎️ 250-368-8202  
🌐 www.warfield.ca



### City of Trail

📍 1394 Pine Ave, Trail, BC V1R 4E6  
☎️ 250-364-1262  
🌐 www.trail.ca

### City of Rossland

📍 1899 Columbia Ave, Rossland, BC V0G 1Y0  
☎️ 250-362-7396  
🌐 www.rossland.ca



### Regional District Kootenay Boundary

📍 843 Rossland Ave, Trail, BC V1R 4S8  
☎️ 250-368-9148  
🌐 www.rdkb.com



## PUBLIC SCHOOLS

School District 20	🎓 K - 12	👥 3896	☎ 250-368-6463	🌐 <a href="http://www.sd20.bc.ca">www.sd20.bc.ca</a>
Fruitvale Elementary	🎓 K - 7	👥 394	☎ 250-367-7541	🌐 <a href="http://www.fes.sd20.bc.ca/">www.fes.sd20.bc.ca/</a>
Glenmerry Elementary	🎓 K - 7	👥 375	☎ 250-364-1353	🌐 <a href="http://www.ges.sd20.bc.ca">www.ges.sd20.bc.ca</a>
James L Webster Elementary	🎓 K - 7	👥 295	☎ 250-368-3242	🌐 <a href="http://www.jlwebster.wikispaces.com">www.jlwebster.wikispaces.com</a>
Rossland Summit School	🎓 K - 9	👥 408	☎ 250-362-7388	🌐 <a href="http://www.rss.sd20.bc.ca">www.rss.sd20.bc.ca</a>
J Lloyd Crowe High school	🎓 8 - 12	👥 807	☎ 250-368-5591	🌐 <a href="http://www.jlcrowe.org">www.jlcrowe.org</a>
Trail Middle School (Alternative)	🎓 7 - 12	👥 69	☎ 250-364-9823	🌐 <a href="http://www.sd20.bc.ca/alternate.html">www.sd20.bc.ca/alternate.html</a>

## INDEPENDENT SCHOOLS

Seven Summits Academy	🎓 8 - 12	👥 41	☎ 250-362-7772	🌐 <a href="http://www.sevensummitslearning.com">www.sevensummitslearning.com</a>
Ecole des Sept-sommets	🎓 K - 7	👥 80	☎ 250-362-3395	🌐 <a href="http://septsommets.csf.bc.ca/">http://septsommets.csf.bc.ca/</a>
St. Michael's Catholic	🎓 K - 7	👥 158	☎ 250-368-6151	🌐 <a href="http://www.smces.ca">www.smces.ca</a>

A number of additional alternative schools are available adjacent to the region including Distance Education School of the Kootenays (DESK), Waldorf, Wildflower and Montessori.

## POST-SECONDARY

Selkirk College (Main Campus)	🎓 60+ nationally recognized education programs	👥 1,792 FTE
📍 301 Frank Beinder Way Castlegar, BC V1N 4L3	☎ 1-888-953-1133	🌐 <a href="http://www.selkirk.ca">www.selkirk.ca</a>

Selkirk College hosts a variety of programs including Arts & Science, Nursing, Business Admin, Environment, Geometrics and more. Selkirk College offers exceptional health care related programs and the Kootenay Boundary Regional Hospital is home to both the Integrated Clerkship Program and UBC's Rural Family Medicine Residency Program.

## EDUCATION



# APPLIED RESEARCH & INNOVATION



Selkirk College hosts the Selkirk Geospatial Research Centre and Columbia Basin Rural Development Institute and other applied research and innovation initiatives. The Selkirk Geospatial Research Centre is a leading-edge research centre specializing in geospatial technologies to aid in solving critical issues pertaining to environmental and socio-economic problems. The Columbia Basin Rural Development Institute is a regional research centre with a mandate to support informed decision-making by Columbia Basin-Boundary communities through the provision of information, applied research and related outreach and extension support.

## FORGING METALTECHALLEY - Innovation in Metals & Technology



“Forging **metaltchalley** - Innovation in Metals & Technology” is a targeted marketing strategy to support commercialization of viable innovations resulting in our ability to compete in new innovative markets with integration of the existing metal industry businesses, advanced materials development (MIDAS) and the latest technological advances on the Industrial Internet of Things. This includes major partnership with i4C Innovation Centre, a fundamental link between IIoT industry gaps and rapid commercialization of metals related products. i4C will be concentrating on advanced acceleration and mid-level manufacturing of microelectronics for IIoT products. This project will strengthen and diversify the local economy by facilitating the generation of new jobs and opportunities, encouraging investors to make their play now - timing is everything.

The combination of phenomenal mountain lifestyle, location, access to markets, and affordability have created the perfect storm of opportunity for a clustering of innovators, disruptors and adventure-seeking entrepreneurs who understand how to conduct big business from anywhere in the world. We are leveraging brain power, as well as nature's power, to change the world from HERE - from THIS place, at this moment in time where technology has become the great equalizer, so that thought leaders can innovate and disrupt from anywhere. We're doing it HERE, in **metaltchalley**.

Metallurgical Industrial Development Acceleration and Studies (MIDAS) is an applied research, commercialization and digital fabrication training facility, focused on the metallurgical sector that exists in the region.

MIDAS makes recent advances in manufacturing technology accessible to West Kootenay companies, entrepreneurs and students. Visit [www.midaslab.ca](http://www.midaslab.ca).

## ARTS & CULTURE



Arts and culture, in its many varieties, thrive in the Lower Columbia Region. Check the Trail & District Chamber of Commerce's website ([trailchamber.bc.ca](http://trailchamber.bc.ca)) event calendar to view planned events in the region. The Trail & District Arts Council website ([trail-arts.com](http://trail-arts.com)) also provides a list of affiliated theater, dance, music, heritage, visual arts and writing organizations located in the region.

The Visac Gallery operates a public art gallery and assists the community in developing creative opportunities in visual arts and fine crafts through exhibitions, workshops and classes.

Teck Trail Operations offers on-site tours of its modern facility and an Interpretive Centre where video and interactive display are available. Book tours through the Trail & District Chamber of Commerce.

Both Rossland and Trail have self-guided walking tours that highlight our heritage. The City of Rossland has a self-guided "Heritage Tour" describing the historical significance of local buildings with maps available at the Chamber Commerce. Trail's Rock Wall Tour maps out a 10-route walking tour of hundreds of historic rock walls that highlights of its unique character and Italian heritage.

From Olympic champion skiers to professional hockey players, the Sports Hall of Memories pays tribute to our many athletes who made history in the world of professional and amateur sports.

## FESTIVALS & EVENTS



It's all about strong community involvement and connections made that are evident in BC's Lower Columbia. Many festivals and events are promoted and well attended during the course of the year. ([lcic.ca/visit/festivals-events/](http://lcic.ca/visit/festivals-events/))

Rossland is home to Western Canada's longest running Winter Carnival. First held in 1897 the carnival happens on the last weekend of January. The festival's main event is a homemade bobsled race that brings people out from around the Lower Columbia. ([rosslandwintercarnival.com](http://rosslandwintercarnival.com))

Trail's annual Silver City Days is held during the second week of May. The celebrations include pancake breakfast, bocce tournament, midway and carnival, fireworks display, casino, parade, bavarian gardens and many other events throughout the city. ([trail.ca/en/silvercitydays.asp](http://trail.ca/en/silvercitydays.asp))

Beaver Valley May Days is an annual event occurring on last weekend of May in Fruitvale. Festivities include musical entertainment, farmers market, parade, children's activities, car show, tournaments (slow pitch, little league, and youth soccer) and fireworks. ([beavervalleymaydays.com](http://beavervalleymaydays.com))

## PARKS & RECREATION



Recreation and Sports play a central role in the lifestyle of BC's Lower Columbia residents. We have an abundance of first-rate recreational facilities and our pleasing four-season climate is perfect for year round outdoor activities. Local recreation facilities and programming along with many community volunteers enable our region to offer a premier adventure recreation destination experience.



# HEALTH SERVICES



## PUBLIC

## SERVICES

### POLICE SERVICES

The RCMP provides policing services for the Lower Columbia from its detachment in Trail.

**Services available include:**

- Criminal records check
- Police certificate
- Chauffeur's permit
- Fingerprints
- Vulnerable sector check
- Report a crime
- General information
- Document verification
- Non emergency complaints
- Firearm inquiries
- Restricted use operation permits (e.g. ATV's etc)

### FIRE SERVICES

The LCR fire services are provided by Kootenay Boundary Regional Fire Rescue, Company 4. The offices and 9-1-1 Fire Dispatch Centre of the Regional Fire Rescue are located in Trail. Fourteen career and ten paid on-call firefighters are stationed in the Trail Fire Hall and are supported by paid on-call companies from Rossland, Warfield, Genelle, Montrose, and Fruitvale. All departments are equipped with up-to-date firefighting equipment. First Responder services are provided by career firefighters out of the Trail Fire Hall.

#### Kootenay Boundary Regional Hospital

1200 Hospital Bench, Trail, BC V1R 4M1  
250-368-3311

#### Associated Medical Specialists

1555 Second Ave, Trail, BC V1R 1M3  
250-368-3301

#### Columbia Family Medicine

302-1011 Dewdney Ave, Trail, BC V1R 4T1  
250-368-9394

#### Riverside Family Medicine

304-1011 Dewdney Ave, Trail, BC V1R 4T1  
250-368-5650

#### Waneta Primary Care Clinic

242 - 8100 Hwy 3B, Trail, BC V1R 4N7  
250-368-0053

#### Beaver Valley Clinic

1957 Columbia Gardens Rd Fruitvale, BC V0G 1L0  
250-367-9211

#### Associated Medical Clinic

973 Columbia Ave, Rossland, BC V0G 1Y0  
250-362-7307

#### Monashee Medical Clinic

2067 Columbia Ave, Rossland, BC V0G 1Y0  
250-362-9040

### SEARCH & RESCUE

The area is serviced by the South Columbia Search and Rescue group, formerly known as Beaver Valley Search and Rescue. The group assists with other SAR groups in BC and most often with the local SAR groups from Rossland, Castlegar and Nelson. All members are trained in GSAR (ground and inland water search and rescue).

## CONTACT TERRY

 (250) 364-6461

 [www.lcic.ca](http://www.lcic.ca)

 1355 Pine Ave, Trail BC, V1N 4E7

Lower Columbia  
**Initiatives**  
Economic  
Development

