



Kootenay Lake Investment Profile 2011

Table of Contents

TABLE OF CONTENTS	2
WELCOME.....	4
DEMOGRAPHICS	5
POPULATION.....	5
HOUSEHOLD INCOME (2006).....	5
HOUSING CHARACTERISTICS.....	5
LANGUAGE.....	5
LABOUR FORCE.....	6
LABOUR FORCE ACTIVITY.....	6
LABOUR FORCE BY SECTOR	6
LABOUR FORCE BY OCCUPATION.....	6
WORKFORCE EDUCATION ATTAINMENT	7
MAJOR FIELD OF STUDY.....	7
MOBILITY STATUS.....	7
PLACE OF RESIDENCE 5 YEARS AGO	7
TRANSPORTATION	8
DISTANCE TO MAJOR CENTRES	8
CLOSEST COMMERCIAL AIRPORTS	8
CANADIAN BORDER SERVICES INFORMATION	9
TAXATION	10
VARIABLE TAX RATE (2010).....	10
CORPORATE INCOME TAX / FRANCHISE TAX.....	10
PERSONAL INCOME TAX RATE (RANGE)	10
SALES / USE TAX RATE	10
TELEPHONE SUBJECT TO SALE / USE TAX	11
SALES TAX RATE BY UTILITY	11
MACHINERY & EQUIPMENT SUBJECT TO SALE / USE TAX.....	11
SALES / USE TAX ON TANGIBLE PROPERTY	11
SALES / USE TAX ON INTANGIBLE PROPERTY.....	11
PAYROLL COSTS	12
PAYROLL TAXES	12
UNEMPLOYMENT INSURANCE (EMPLOYMENT INSURANCE)	12
UTILITIES.....	13
WATER QUALITY MONITORING.....	13
RDCK WASTE FACILITIES	13
ELECTRIC POWER.....	14
TELECOMMUNICATIONS	14
QUALITY OF LIFE.....	15
CLIMATE	15
CULTURE AND RECREATION.....	15
EDUCATION.....	17
SELKIRK COLLEGE	17
KOOTENAY LAKE SCHOOL DISTRICT 8.....	17
CRAWFORD BAY SCHOOL.....	20

HEALTH.....	21
POPULATION AND DEMOGRAPHICS.....	21
HEALTH STATUS.....	21
NON-MEDICAL DETERMINANTS OF HEALTH.....	21
HEALTH SERVICE PERFORMANCE.....	22
COMMUNITY AND HEALTH SYSTEM CHARACTERISTICS.....	23
DIRECTORY OF CRESTON HEALTH SERVICES.....	23

Welcome

Thank you for your interest in the Kootenay Lake area. We are confident that you will be impressed with the business and lifestyle opportunities that exist in our growing and vibrant region. *Invest Kootenay* is a joint-initiative of local governments, economic development organizations and Chambers of Commerce with the aim of attracting, retaining, and expanding investment.

We invite you to come and discover the advantages of doing business in the Kootenay region – where opportunity meets lifestyle. For a customized investor package or to learn more about our Ambassador Program, please contact:

LORNA ROBIN
Box 22, Crawford Bay, V0B 1E0
Phone: 250-225-3333
E-mail: lornarobin@bluebell.ca
Website: <http://www.kootenaylake.bc.ca/>

Note: Unless otherwise stated, statistics are from: Statistics Canada. 2007. 2006 Community Profiles. 2006 Census. Statistics Canada Catalogue no. 92-591-XWE. Ottawa. Released March 13 2007. <http://www12.statcan.ca/census-recensement/2006/dp-pd/prof/92-591/index.cfm?Lang=E>

Demographics

Population		
Age Group	Population	% Distribution
Under 20 years	340	16.7%
20– 34 years	205	10.0%
35 – 54 years	555	27.2%
55 – 74 years	770	37.7%
75 years and over	170	8.3%
Total – Age Groups	2040	100.0%
% Change 2001 - 2006	-4.0%	
Median Age	53	

Kootenay Lake 2,040

Household Income (2006)	
Number of Households in 2006	985
Median Household Income in 2005	C \$35,069

Population and Dwelling Counts	Number	% Distribution
Total private dwellings	1459	100.0%
Private dwellings occupied by usual residents	986	67.6%
Population Density per square kilometre	1.2	
Land area (square kilometre)	1704.082	

Housing Characteristics	
Number of owned dwellings	830
Number of rented dwellings	155
Number of dwellings constructed before 1986	675
Number of dwellings constructed between 1986 and 2006	310
Average number of rooms per dwelling	6.2
Average value of owned dwelling	\$344,269

Language		
Mother Tongue	Total Number	% of Total
English	1740	85.3%
French	65	3.2%
Other	235	11.5%

Labour Force

Labour Force Activity

Total population 15 years and over	1775
In the labour force	815
Employed	705
Unemployed	115
Not in the labour force	955
Participation rate	45.9
Employment rate	39.7
Unemployment rate	14.1

Labour Force by Sector

	Total Number	% of Total
Agriculture and other resource-based industries	110	13.9%
Construction	95	12.0%
Manufacturing	55	7.0%
Wholesale trade	10	1.3%
Retail trade	60	7.6%
Finance and real estate	40	5.1%
Health care and social services	55	7.0%
Educational services	55	7.0%
Business services	120	15.2%
Other services	190	24.1%
Total experienced labour force 15 years and over	790	100.0%

Labour Force by Occupation

	Total Number	% of Total
A Management occupations	115	14.5%
B Business; finance and administration occupations	95	11.9%
C Natural and applied sciences and related occupations	15	1.9%
D Health occupations	20	2.5%
E Occupations in social science; education; government service and religion	65	8.2%
F Occupations in art; culture; recreation and sport	60	7.5%
G Sales and service occupations	145	18.2%
H Trades; transport and equipment operators and related occupations	165	20.8%
I Occupations unique to primary industry	65	8.2%
J Occupations unique to processing; manufacturing and utilities	50	6.3%
Total	795	100.0%

Workforce Education Attainment		
	Total Number	% of Total
No certificate; diploma or degree	310	17.6%
High school certificate or equivalent	500	28.3%
Apprenticeship or trades certificate or diploma	270	15.3%
College; CEGEP or other non-university certificate or diploma	335	19.0%
University certificate or diploma below the bachelor level	65	3.7%
University certificate; diploma or degree	285	16.1%
Total population 15 years and over	1765	100.0%

Major Field of Study		
	Total Number	% of Total
No postsecondary certificate; diploma or degree	815	46.0%
Education	135	7.6%
Visual and performing arts; and communications technologies	60	3.4%
Humanities	30	1.7%
Social and behavioural sciences and law	55	3.1%
Business; management and public administration	200	11.3%
Physical and life sciences and technologies	30	1.7%
Mathematics; computer and information sciences	30	1.7%
Architecture; engineering; and related technologies	210	11.9%
Agriculture; natural resources and conservation	30	1.7%
Health; parks; recreation and fitness	145	8.2%
Personal; protective and transportation services	30	1.7%
Other	0	0.0%
Total	795	100.0%

Mobility Status		
Place of Residence 5 Years Ago	Total Number	% of Total
Lived at the same address 5 years ago	1235	62.7%
Lived within the same province or territory 5 years ago; but changed addresses within the same census subdivision (municipality)	125	6.3%
Lived within the same province or territory 5 years ago; but changed addresses from another census subdivision (municipality) within the same province or territory	260	13.2%
Lived in a different province or territory 5 years ago	285	14.5%
Lived in a different country 5 years ago	65	3.3%
Total population 5 years and over	1990	100.0%

Transportation

Distance to Major Centres

Metro Area	Kilometres	Miles
Kelowna, BC	428	266
Kamloops, BC	630	392
Calgary, BC	505	314
Vancouver, BC	740	460
Seattle, Washington	687	427
Victoria, BC	914	568
Portland, Oregon	804	500
Edmonton, Alberta	796	495

Source: MapQuest, 2010

Closest Commercial Airports

Castlegar Airport

Website	www.castlegar.ca/devserv_air.htm
Hub Status	Regional
Distance from Community	125 kilometres, 78 miles
No. of Runways	1
Runway Lengths	1,615 metres, 5329.5 ft
Carriers - Passenger	Air Canada Jazz, Highland Helicopters, High Alpine Air Services, Inc.
Days closed due to Weather in the Last 3 Years	6
Flights to Largest Cities Served	Weekly Non-stop flights
Calgary	7
Vancouver	19

Nelson Airport

Distance from Community	128 kilometres, 80 miles
No. of Runways	1
Runway Lengths	940 metres, 3,100 ft.
Carriers - Passenger	High Alpine, Kokanee Helicopters

Kelowna Airport

Website	www.kelownaairport.com
Hub Status	International
Distance from Community	428 kilometers, 266 miles
Hours of Operation	4:30 am – 11:30 pm
No. of Runways	1
Runway Lengths	2,225 meters, 7342.5 ft.
Carriers - Passenger	Air Canada, Horizon Air, WestJet Airlines, Regional1, Central Mountain Air

Carriers - Charter	Carson Air, Northwestern Air
Carriers - Air Cargo	Air Canada, Horizon Air, WestJet Airlines, Central MountainAir
Days closed due to Weather in the Last 3 Years	0
Total Weekly Non-Stops to All Cities Served	224
Flights to Largest Cities Served	Weekly Non-stop Flights
Calgary	70
Edmonton	35
Seattle	28
Vancouver	84
Victoria	7

Canadian Rockies International Airport

Website	www.flycanadianrockies.com
Hub Status	International
Distance from Community	115 kilometers, 72 miles
Hours of Operation	24 hours / 7 days
No. of Runways	1
Runway Lengths	1,829 meters
Carriers - Passenger	Air Canada, Pacific Coastal, Delta
Carriers – Charter	Kootenay Airways
Days closed due to Weather in the Last 3 Years	1
Total Weekly Non-Stops to All Cities Served	56
Flights to Largest Cities Served	Weekly Non-stop Flights
Calgary	35
Vancouver	21

Canadian Border Services Information	
Kelowna Airport	(250)765-5125
Kingsgate (south of Yahk) 24 yrs.	(250) 424-5292
Eastport (US side)	(208) 267-3966
Rykerts (south of Creston) 8am – 12am Oct. 31-April 23 7am-11pm April 24-Oct 30	(250) 428-2575
Nelway (south of Salmo) 8am-12am	(250)357-9940
Port Hill (US side)	(208) 267-5309
Waneta (south of Fruitvale) 9am-5pm	(250) 367-9656
Paterson (south of Rossland) 24hrs. US side 8am-12am	(250) 362-7341
Cascade (south of Christina Lake) 8am-12am	(250)447-9418

Source: Invest Kootenay Research, 2010

Canadian Border Services Information (1-800-461-9999)

Taxation

Variable Tax Rate (2010)

Residential	0.52
Utilities	4.10
Supportive Housing	0.10
Major Industry	4.77
Light Industry	2.78
Business and Other	2.78
Managed Forest Land	0.41
Recreational Property/Non-Profit Organization	0.96
Farm	0.51

* applied against each \$1000 of actual value of property

Source: http://www.bclaws.ca/EPLibraries/bclaws_new/document/ID/freeside/17_387_82,
retrieved June 13, 2010

Corporate Income Tax / Franchise Tax

Federal	Small Business	Mfg	Non-Mrg
Rate (range)	11.0%	19.0%	19.0%
Formula (e.g. Sales, Property & Payroll)	N/A	N/A	N/A
Accelerated Depreciation Permitted	Yes	Yes	Yes
Provincial			
Rate (range)	3.5%	11.0%	11.0%
Formula (e.g. Sales, Property & Payroll)	Sales & Payroll	Sales & Payroll	Sales & Payroll
Accelerated Depreciation Permitted	No	No	No
Total Federal and Provincial Corporate Income Tax	14.5%	30.0%	30.0%

Source: InvestBC, 2009

Personal Income Tax Rate (Range)

	Federal	Provincial (State)	Local
Capital Gains	7.50%-14.50%	2.53%-7.35%	N/A
Earned Income	15.00%-29.00%	5.06%-14.70%	N/A
Unearned Income (e.g. Dividend)	0.00%-14.55%	0.00%-3.92%	N/A

Source: InvestBC, 2009

Sales / Use Tax Rate

	Rate	Notes
Federal (Goods and Service Tax) -- GST	5.0%	GST on business inputs is fully recoverable
Local	N/A	British Columbia has no local sales tax
Provincial (State) Sales Tax --	7.0%	Exemptions include: production machinery

PST		and equipment, direct materials, catalysts, reagents, software development equipment, construction labour
Total (Effective Combined Rate) Business	7.0%	GST on business inputs is fully recoverable

Source: InvestBC, 2009

Telephone Subject to Sale / Use Tax

Type	Rate	Notes
Local	7.0%	GST is fully recoverable
Long Distance In Province	7.0%	Toll free inbound service is tax-exempt. GST is fully recoverable.
Long Distance out of Province	7.0%	Toll free inbound service is tax-exempt. GST is fully recoverable.

Source: InvestBC, 2009

Sales Tax Rate by Utility

	Rate	Notes
Electric Power	7.0%	GST is fully recoverable
Natural Gas	7.0%	GST is fully recoverable
Fuel Oil	7.0%	GST is fully recoverable
Water	0%	
Sewer	0%	
Hazardous Waste	7.0%	GST is fully recoverable

Machinery & Equipment Subject to Sale / Use Tax

Type	Rate	Notes
Production	0%	
Non-Production	7.0%	Equipment used directly in software development is tax-exempt. GST is fully recoverable.
Pollution Control	0%	GST is fully recoverable.
Office Furniture / Fixtures / Equipment	0%	GST is fully recoverable.

Sales / Use Tax on Tangible Property

Type	Rate	Notes
Office Building Construction Materials	7.0%	GST is fully recoverable.
Industrial Building Construction Materials	7.0%	GST is fully recoverable.
Manufacturers' Raw Materials	0%	GST is fully recoverable.
Standard Software	7.0%	GST is fully recoverable.
Custom Software	7.0%	GST is fully recoverable.

Sales / Use Tax on Intangible Property

Type	Rate	Notes
Accounts Receivable	0%	
Capital Stock	0%	
Stock / Bond Transaction Fee	0%	

Source: InvestBC, 2009

Payroll Costs

Payroll Taxes

Workers Compensation

Average Cost for All Industries per \$100 Payroll	C \$1.90	Rates set by employer's business activity. Applies up to maximum gross earnings of C \$62,400 per year.
Average Rate for Office Workers per \$100 Payroll	C \$0.30	There is no separate rating for office occupations in British Columbia – the applicable industry rating applies to all workers. Rates for Business Services range from \$0.08 - \$0.70 per \$100 of payroll (average \$0.30). Applies up to maximum gross earnings of C \$62,400 per year.
Maximum Weekly Benefit	C \$808.16	Maximum per employee set at 90% of average net earnings (after deductions for income taxes, Canada Pension Plan & Employment Insurance), up to a maximum wage of C\$62,400 per year.

Source: InvestBC, 2009

Unemployment Insurance (Employment Insurance)

Taxable Base	Gross Payroll	Up to a gross per worker salary of C \$39,000 per year.
Percentage Rate (Employer Premium)		
Average Among Existing Employers	2.618%	Maximum annual contribution per worker is C\$1,021. Employees also contribute at a rate of 1.87% up to an annual maximum of C\$729.
Average Among New Employers	2.618%	Maximum annual contribution per worker is C\$1,021. Employees also contribute at a rate of 1.87% up to an annual maximum of C\$729.
Maximum Weekly Benefits	C \$413.00	

Source: InvestBC, 2009

Utilities

Water Quality Monitoring

The Regional District of Central Kootenay is directed by the provincial Interior Health Authority regarding the type and frequency of water quality monitoring it performs. Water systems are monitored a minimum of once per month for the presence of bacteria. Bacteriological tests are performed routinely for total coliforms, fecal coliforms and e.coli. The water is considered safe when: a sample contains No detectable fecal coliform bacteria per 100 ml, No detectable *Escherichia coli* per 100 ml and no consecutive sample from the same site shows the presence of coliform organisms.

Should these levels be exceeded, the RDCK and the Interior Health Authority take immediate corrective actions.

Interior Health facilitates the sampling, transporting, and laboratory analyzing for small water supply systems. Bacteriological and chemical sample results stored in the Interior Health Database on their website. <http://www.interiorhealth.ca/health-and-safety.aspx?id=11052>

For more information about Water Quality Monitoring please contact the RDCK Environmental Services Department.

RDCK Waste Facilities

Materials	No Weigh Scale	Weigh Scale (where available)	Nelson Transfer Station
⁽¹⁾ Per Container (<i>applies to 1st two containers</i>)	\$2.00 ea	\$2.00 ea	\$2.50 ea
Minimum Charge (<i>applies to weight based fees after 1st two containers</i>)	N/A	\$5.00	\$5.00
⁽²⁾ Fuel Tanks	\$0.02 / litre	\$40.00 / tonne	\$60.00 / tonne
Garden Waste / Tree Trimmings (<i>residential pick up truck</i>)	\$5.00 ea	\$5.00 ea	\$5.00 ea
Garden Waste / Tree Trimmings (<i>commercial</i>)	\$5.00 / m ³	\$30.00 / tonne	\$50.00 / tonne
Mixed Waste	\$15.00 / m ³	\$70.00 / tonne	\$100.00 / tonne
Mixed Waste (<i>compacted</i>)	\$20.00 / m ³	N/A	N/A
Scrap Metal (<i>includes white goods without refrigerant</i>)	\$15.00 / m ³	\$40.00 / tonne	\$60.00 / tonne
⁽³⁾ Steel Cable (<i>NOT cut into 1.2 metre lengths</i>)	\$50.00 / m ³	\$140.00 / tonne	Not Accepted
White Goods (<i>with refrigerant</i>)	\$15.00 ea	\$15.00 ea	\$15.00 ea
Wood Waste	\$15.00 / m ³	\$40.00 / tonne	\$60.00 / tonne

Source: http://www.rdck.bc.ca/environmental/environmental_services.html, retrieved June 12, 2010

Electric Power

Name of Company	Fortis BC
Communities Served	Castlegar, Creston, Grand Forks, Kelowna, Oliver, Osoyoos, Penticton, Summerland, Trail, Kootenay Lake

Average Cost per kWh - \$CDN (2004)

Commercial Electricity Rates

Small – 28% Load Factor (300 kW & 120,000 kWh)	7.01 ¢
Medium – 56% Load Factor (1,000 kW & 400,000 kWh)	5.60 ¢
Large 1 – 56% Load Factor (4,000 kW & 1,600,000 kWh)	5.48 ¢
Large 2 – 85% Load Factor (50,000 kVA)	4.32 ¢

Source: Invest BC, 2009

Telecommunications

The East Shore Internet Society (ESIS) is an incorporated not-for-profit internet society formed with the goal of bringing affordable and reliable high-speed internet service to Crawford Bay and surrounding central Kootenay Lake communities.

Established in 2005 by local citizens who recognized the growing need for broadband access, its importance to rural community sustainability, and an opportunity to partner with the Government of British Columbia and Telus in the Connection Communities Agreement, ESIS is a grass roots organization mandated to plan, build and operate a community owned wireless network delivering last mile connectivity to area residents, visitors, businesses and organizations. ESIS embodies the spirit of a co-op, working on behalf of its membership, and a strong commitment to the public trust, with operations firmly based on sound business and technical practises.

Today, through a growing wireless network that now extends well beyond Crawford Bay to service the outlying communities of Gray Creek, Kootenay Bay, Pilot Bay, Riondel Road, Ainsworth, Queens Bay, Mountain Shores and Boswell, ESIS has over 315 subscribing households, businesses and organizations, providing enhanced connectivity to the world for hundreds of local residents and visitors

Source: <http://esis.theeastshore.ca/>, retrieved June 13, 2010

Quality of Life

Climate			
Average Daily Temperature (Celsius)	High	Low	Average
January	0.1	-5.5	-2.7
July	26.5	12.1	19.3
Average Annual Rainfall	486.30mm		
Average Annual Snowfall	144.80cm		
Weather Station Elevation	597.40		
Weather Station Name	Creston		

Source: Environment Canada, 2005

Culture and Recreation

Winter

Mild weather at lake level with a heavy mountain snow pack - that's what draws winter travelers to visit Kootenay Lake. Winter is the premium time of year for fishing on this pristine body of water; it never freezes, and the cold surface waters bring the big ones up from the deeper water they spend summer time in. From late January through March, many anglers enjoy the combination of increasing daylight and relatively calm conditions. Bait, tackle, gas and other supplies are available year round at a number of the local stores along the East shore. Gain easy access to areas with deep snow pack at Crawford Creek Forest Service Road, the Gray Creek Pass Road turnoff, or the Sanca Creek Forest Service Road. Snowmobile groups and clubs from other areas, as well as local outdoor enthusiasts, enjoy uncrowded, scenic outings at these and other locations. If cross country skiing or tobogganing are your preferred means of enjoying our winter splendour, try the Akokli Creek road or Kokanee Springs Golf Resort.

Summer

With its many parks and wilderness areas the lake valley is one super-natural playground. The many back roads and mountain trails present bountiful opportunities for hiking, biking, enjoying alpine flowers, or gathering delicious wild huckleberries and scenic vistas. Check out Pilot Point Lighthouse for some great views of the lake. You can touch a vestige of the ice age at Kokanee Glacier Park, or walk alongside a roaring cascade at one of the area's many large creeks. Ask the locals about their favourite places go get away from it all.

Opportunities abound for wildlife viewing throughout the valley. Watch for the rare wild turkeys, or abundant osprey. The wetlands in Crawford Bay teem with birdlife, and at the south end of the lake the Creston Wildlife Management Area is host to over 250 species of birds, 50 of mammals and 30 of fish, reptiles and amphibians. Keep your eyes open and perhaps you'll spot a lake otter, moose, elk, bear, coyote, bighorn sheep or maybe even a cougar. Deer are abundant here, so be aware that you may encounter one or more around the next corner, and please drive appropriately.

Down at the lake the many remote shores invite soaking up sunshine while relaxing to the sound of waves gently caressing the shore, or perhaps a little fishing for supper. Ask one of the locals about the area's clothing optional beaches. The clear, sparkling clean waters make for great swimming, snorkelling and diving. It's a boater's paradise with it's expansive and uncrowded

reaches, and the many miles of uninhabited shore make for great kayaking and wilderness camping. Treat yourself to a guided tour of Kootenay Lake.

There are many campgrounds where you can make yourself at home by the lake, creeks or in the forests of the area. From out-of-the-way marine parks to fully serviced RV sites, you'll find something to satisfy your needs.

Spend some time at one of our B&B's and at the local restaurants and cafes and get to know the locals. They're a relaxed and open lot, easy to approach and quick to start up a conversation. Enjoy sports? You can join in the our local pickup soccer game, every Sunday at noon at the Crawford Bay Park. It's a local pastime that's been carried on for more than twenty years, and everyone is welcome. Tennis courts are available to the public at the Crawford Bay School. And kids of all ages like a round or two of mini golf at Sunny Woods Farm. Great bicycling is all around, with rolling highways for the skinny tire set and endless miles of back roads and trails for mountain biking.

Check out our schedule of local events, where you can find out about upcoming music, art, sporting and cultural happenings. http://www.kootenaylake.bc.ca/visitors/events_calendar.php

There are several beautiful golf courses or varying sizes in the area, from the extensive Kokanee Springs to Riondel's 9 hole course.

If sightseeing is your fancy, you won't want to miss the many artisans in the area. From broom making to glass blowing, weaving to forging, woodworking to potters, there is an amazing diversity of skilled artisans with open shops where you can watch them perform their skills! Other interesting sights include the unique Glass House and the beautiful Yasodhara Ashram, and scenic drives observing the natural treasures all around the lake, or a Heritage Boat Tour of Kootenay Lake!

Explore local history at the Riondel Museum, Harrison Memorial Church, Wedgwood Manor, Pilot Bay Lighthouse, the Smelter Bay ruins. Ask Tom at the Gray Creek Store about "The Gold Boulder," and perhaps he'll give you some leads on where you might start looking for this elusive legendary treasure. Across the lake you'll find the fascinating S.S. Moyie Museum in Kaslo, housed in the well-preserved last sternwheeler to ply the lake.

Grab your camera and take in some spectacular views crossing the lake on the world's longest free ferry ride, where you can get into hot water in the caverns at Ainsworth Hot Springs, or really go underground at nearby Cody Caves Provincial Park. From Balfour it's a short half hour drive on to Kaslo, or to Nelson.

The clear air and dark night skies make for great for star gazing - how many stars, shooting and otherwise, can you count? When was the last time you really saw the Milky Way stretch across the breadth of the heavens? Don't miss out on the summer Leonid Meteor Shower! Show your kids some of the constellations you learned as a child, as you share the deepness of the cosmos together.

Develop yourself with educational opportunities at our local personal & spiritual growth retreats, which offer courses in yoga, meditation, connecting with nature and self- awareness.

Source: <http://www.kootenaylake.bc.ca/index.php>, retrieved on June 13, 2010

Education

Selkirk College

Website: www.selkirk.bc.ca

Main Campus: Castlegar Area

Other Campuses: Castlegar (main campus), Grand Forks, Kootenay Lake, Midway, Nakusp, Nelson, Trail, Winlaw

Selkirk College Enrolment	2003-04	2004-05	2005-06	2006-07
Domestic Students	10,700	9,958	10,995	12,244
International Students	254	275	298	252
Total Student Headcount	10,954	10,233	11,253	12,496

Source: BC Ministry of Advanced Education, 2008

Enrollment by Program	Full Time	Part Time	Total
Adult Basic Education	-	-	888
Adult Special Education	-	-	5,969
Applied and Professional	-	-	4,362
Arts and Science	-	-	-
English Language Training	-	-	196
Other	-	-	-

Source: Ministry of Advanced Education - Post-Secondary Central Data Warehouse Standards Report (June 2004), 2005.

Kootenay Lake School District 8

Website: www.sd8.bc.ca

Located in the southern interior of British Columbia, Canada, School District No. 8's area covers approximately 15,000 square kilometers and includes the communities of: Yahk, Kitchener, Wynndel, Canyon, Erickson, Boswell, Crawford Bay, Kootenay Bay, Riindel, and Creston on the east side of Kootenay Lake; and Kootenay Lake, Meadow Creek, Johnson's Landing, Argenta, Ainsworth, Slocan, Winlaw, South Slocan, Crescent Valley, Slocan Park, Taghum, Blewett, Ymir, Balfour, Harrop, Procter, Salmo, and Nelson on the west side of Kootenay Lake.

Average Class Size	Kindergarten	Grade 1-3	Grade 4-7	Grade 8-12
Kootenay Lake School District 8	15.3	19.6	24.3	21.8
Province of British Columbia	17.4	20.4	25.8	24.4

School Name	Kindergarten	Grade 1 - 3	Grade 4 - 7	Grade 8 - 12
A.I. Collinson Elementary	11.0	14.3	15.1	
Adam Robertson Elementary	19.0	20.7	28.0	
Blewett Elementary School	12.0	16.7	15.0	
Brent Kennedy Elementary	16.0	23.0	25.0	
Canyon/Lister Elementary	11.0	16.5	25.0	
Crawford Bay Elem-Secondary	21.0	16.5	13.0	11.6
Erickson Elementary	22.0	23.0	23.5	
Gordon Sargent Primary School	20.0	19.5		
Hume Elementary School	15.0	19.0	28.0	
J V Humphries Elem-Secondary	17.0	22.5	23.3	21.2
Jewett Elementary	14.0	10.5		

L V Rogers Secondary				23.6
Mount Sentinel Secondary		27.8		21.2
Prince Charles Secondary				22.3
Redfish Elementary School	9.0	23.4	24.3	
Rosemont Elementary School	13.0	20.7	25.7	
Salmo Elementary School	18.0	21.7	28.3	
Salmo Secondary			17.4	16.3
South Nelson Elementary	22.0	20.4	21.1	
Trafalgar Middle School			25.9	24.1
W.E. Graham Community School	16.0	14.7	10.9	11.8
Winlaw Elementary School	9.0	24.0	23.3	
Wynndel Elementary	9.0	9.0	9.0	
Yahk Elementary	11.0	9.8	8.0	

Source: BC Ministry of Education, 2009

Number of Students	2003/04	2004/05	2005/06	2006/07	2007/08
Total	6,250	6,014	5,721	5,359	5,393
Female	3,048	2,907	2,852	2,631	2,641
Male	3,202	3,107	2,869	2,728	2,752
Kindergarten	333	328	330	318	323
Grade 1	331	344	329	331	305
Grade 2	356	331	337	321	335
Grade 3	364	370	324	344	319
Grade 4	388	369	349	320	355
Grade 5	428	403	352	350	327
Grade 6	440	413	402	366	382
Grade 7	482	448	425	411	407
Grade 8	546	531	474	433	449
Grade 9	540	557	526	470	438
Grade 10	600	556	587	551	537
Grade 11	631	609	585	565	560
Grade 12	696	670	618	524	633
Secondary Ungraded	115	85	83	55	23
School-age	6,055	5,860	5,598	5,312	5,306
Adult	195	154	123	47	87
Aboriginal	599	619	607	577	617
English as a Second Language	46	51	60	78	62
French Immersion	280	289	288	292	300
Non-Resident	35	32	44	45	57
Number of Students in Programs	2003/04	2004/05	2005/06	2006/07	2007/08
Aboriginal Students in Aboriginal Programs	357	419	452	481	499
Female	172	203	229	237	233
Male	185	216	223	244	266
Career Preparation Program	179	180	309	126	183
Career Technical Program	-	-	-	9	31

Co-operative Education Program	-	-	-	-	-
Continuing Education Program	-	29	11	3	4
Distributed Learning Program*	693	678	637	436	492
Secondary School Apprenticeship Program	-	-	1	2	6
English as a Second Language Program	46	51	60	78	62
Female	21	23	34	45	34
Male	25	28	26	33	28
French Programs	2,561	2,453	2,127	2,189	2,195
Female	1,305	1,226	1,087	1,111	1,104
Male	1,256	1,227	1,040	1,078	1,091
Core French	2,281	2,164	1,839	1,903	1,896
French Immersion Programme Francophone	280	289	288	292	300
-	-	-	-	-	-
Home School Registration	3	5	-	5	-
Female	Msk	3	-	1	-
Male	Msk	2	-	4	-

Number of Public Schools	2003/04	2004/05	2005/06	2006/07	2007/08
Total	28	29	29	28	28
Elementary	16	16	16	16	17
Elementary Junior	1	1	-	-	1
Secondary	7	9	8	7	6
Elementary Secondary	7	9	8	7	6
Junior Secondary	-	-	-	-	-
Middle School	1	1	1	1	1
Secondary	3	2	4	3	3
Senior Secondary	-	-	-	1	-

Number of Teachers	2003/04	2004/05	2005/06	2006/07	2007/08
Female (Count)	238	226	233	210	223
Male (Count)	137	123	125	113	110
Female (FTE)	200.1	187.9	187.9	180.5	192.3
Male (FTE)	130.5	116.1	115.1	107.6	104.9

Number of Principals, Vice-Principals, other District Admin.Staff	2003/04	2004/05	2005/06	2006/07	2007/08
Total (Count)	36	38	39	38	43
Total (FTE)	35.8	37.8	37.0	37.8	41.3

Number of Educators	2003/04	2004/05	2005/06	2006/07	2007/08
Total (Count)	411	387	397	361	376
Total (FTE)	366.4	341.8	340.0	325.9	338.5

Average Educator Age 46.5 47.1 47.4 47.1 47.0

Source: BC Ministry of Education, 2009

Crawford Bay School



Crawford Bay is very proud of their new school, the first school in BC to meet the LEED (Leadership in Energy and Environmental Design) Green Building Rating System. The school is spacious, attractive and has lots of natural light. The Crawford Bay School received a 'Woodworks' Community Recognition Award from the Canada Wood Council for their commitment to using wood in their design. The community raised approximately \$800,000 to include an early childhood centre, fitness centre, and three community-use rooms in the new building.

The innovative secondary program provides quality, meaningful learning in a caring and pristine mountain community. Including:

- full BC Graduation Program
- New LEEDS Gold environmentally-sustainable, award-winning facility
- person & group project weeks
- passion-based mentorships with talented & caring community members
- work experience
- commitment to all learning styles
- environmental sustainability projects
- relevant healthy living & life skills workshops
- small class sizes with creative, caring teachers
- electives in art, drama, woodwork, culinary, athletics, and 'explorations in lifelong learning
- outdoor adventures & cultural trips
- K-12 school with opportunities for mentoring younger students
- organic vegetarian hot lunch program
- student-led conferences
- beautiful natural surroundings with, fresh, clean air and water, and stunning views

Source: <http://www2.sd8.bc.ca/schools/crawfordbay/>

Health

Kootenay Lake (RDCK Area A) falls within the boundaries of two hospital districts, one in the East Kootenays (Cranbrook and Creston) and the other in the West Kootenays (Nelson and Trail). There is a small Health Centre in Crawford Bay with a doctor in attendance two days a week, home health nurses and a physiotherapist. East Shore Community Health Centre 250-227-9006. In Riondel, there is also a Red Cross group that lends items needed during recuperation (wheel chairs, canes, raised toilet seats, etc.). Contact Lauren Salviulo at 250-225-3252.

The data presented below refers to the Creston Local Health Area (LHA). The Creston Local Health Area (LHA) is one of 31 LHAs within Interior Health and one of 6 located in the East Kootenay Health Service Area (EKHSA).

Population and Demographics

The population (12,694) of the Creston LHA is the third largest of the 6 LHAs located within the East Kootenay Health Service Area (KBHSA). Creston has had the highest median age among the 6 EKHSA Local Health Areas for the past 10 years. The Creston LHA has the third highest proportion of residents aged 65 and older in comparison with other IH Local Health Areas.

The population of the Creston LHA is projected to decrease by 1.0% over the period from 2009 to 2014 while the Interior Health growth rate is projected to increase by 4.4% over the same period. Over the next 5 years, the youth population (less than 20) is projected to decrease by 9.1%. The 45 – 64 age group is also expected to experience a decline and the remaining age groups are projected to increase in population, with the largest growth projected for the 65+ age group.

Health Status

Health Status indicators focus on a range of measures such as health conditions, human function, wellbeing, and death. Creston's life expectancy at birth of 81.7 years is higher than that for the EKHSA (81.1), IH (80.0), and British Columbia (80.9). Low birth weight infants (< 2,500 grams) have increased risks of morbidity and premature death. The Creston rate of low birth weight infants is 54.4 per 1,000 live births, which is higher than the EKHSA (43.0) and Interior Health (53.8) rates, but lower than the British Columbia (54.7) rate. The Standardized Mortality Ratio (SMR) is the ratio of the number of deaths occurring to residents of a geographic area (e.g. Creston LHA) to the expected number of deaths in that area based on provincial age-specific mortality rates. An SMR less than 1 indicates fewer observed deaths than expected while an SMR greater than 1 indicates more deaths than expected. The SMR (all causes of death) for Creston is 0.93 which means there were fewer deaths than expected, given provincial rates. Diseases of the Circulatory System were the leading cause of death in the Creston LHA and accounted for 38.2% of the total deaths in the LHA.

Non-Medical Determinants of Health

Non-medical determinants of health describe behaviours, living and working conditions, personal resources, and environmental factors that have the potential to influence human health.

Median Share of Income - This indicator shows the percentage of the total personal income that was earned by households below the median household income. Median share of income is a measure of income inequality with a value of 50% representing no inequality because the lowest half of income earners is earning half of the total income. As the median share of income decreases, there is an increase in income inequality. Research has shown that income inequality is a predictor of health status and a major contributor to health inequities. The Creston LHA residents had a higher median share of income than Interior Health and British Columbia, but slightly lower than the East Kootenay HSA.

Housing affordability – The percentage of households (renters, owners, and total) spending 30% or more of total household income on shelter expenses. Shelter expenses include payments for electricity, oil, gas, coal, wood or other fuels, water and other municipal services, monthly mortgage payments, property taxes, condominium fees and rent. As a general rule, households are considered to have affordability problems if more than 30% of household income is spent on housing costs. At that level of spending, it is likely that inadequate funds will be available for other necessities such as food, clothing, and transportation. Housing affordability problems affect renters more than owners. Band housing on Indian reserves was not included in the calculation of housing affordability. A smaller percentage of Creston LHA residents spent 30% or more on shelter expenses than residents of IH and BC, but had higher rate than the East Kootenay HSA.

High School Graduation – The percentage of population aged 25 to 29 who have a high school graduation certificate. It is a measure of educational attainment and socio-economic status. The Creston LHA had a lower proportion of residents who graduated high school than the East Kootenay HSA, but a higher proportion than Interior Health and British Columbia.

Unemployment (youth and adult) - Labour force aged 15 and over (and for youths, aged 15 to 24 years) who did not have a job during the reference period. This indicator is a traditional measure of the economy. Unemployed people tend to experience more health problems. The Creston unemployment rate is higher than British Columbia, but lower than the East Kootenay HSA and Interior Health.

Leisure-Time Physical Activity - This indicator identifies the proportion of the population over the age of 12 who were classified as active or moderately active based on responses to questions about the frequency, duration and intensity of their leisure-time physical activity. Regular physical activity reduces the risk of developing chronic diseases, helps to control weight and promotes psychological well-being. Studies have shown that an increase in physical activity would reduce healthcare expenditures.

Healthy Eating - This indicator shows the proportion of the population over the age of 12 who eat the daily recommended level of fruits and vegetables. 30% of cancer and diabetes cases and 20% of cardiovascular disease can be attributed to poor nutrition. Illness resulting from poor nutrition is estimated to cost the province over \$800 million per year. Hospital costs for major diet-related diseases alone exceed \$80 million per year in British Columbia.

Overweight/Obesity - This indicator identifies the proportion of population over the age of 18, excluding pregnant females, classified as overweight or obese based on self-reported height and weight (Body Mass Index). Obesity is a major risk factor for many chronic illnesses, including cardiovascular diseases, type 2 diabetes and some types of cancer.

Tobacco Use - This shows the proportion of population over the age of 15 who are daily or occasional smokers. Cigarette smoking is the primary risk factor for the top three causes of death in Canada: diseases of the circulatory system, cancers and respiratory diseases. Preventing and reducing tobacco use can also have immediate impacts on hospital admissions for many diseases, such as asthma and hypertension.

East Kootenay HSA residents have a higher percentage of population who are physically active in their leisure time, and a higher percentage of people who eat healthy when compared to Interior Health and BC. However, the EK HSA has a higher rate of tobacco use than Interior Health and BC residents. East Kootenay HSA residents report higher rates of obesity than British Columbia, but lower than in Interior Health.

Health Service Performance

Accessibility is a key measure of health care services provided in any jurisdiction. Interior Health's network of health care facilities provides for the provision of basic acute care services in rural communities, while centralizing specialized services in nearby urban centres. Residents from the Creston LHA receive urgent and acute care services at the Creston Valley Hospital in

Creston while those requiring specialized services travel to the East Kootenay Regional Hospital in Cranbrook. Over half (58.7%) of Creston inpatients received treatment at the Creston Valley Hospital (CVH). Another 20.7% received treatment at East Kootenay Regional Hospital (EKRRH). Overall, almost 80% of Creston LHA inpatient cases were treated at hospitals within the East Kootenay Health Service Area (EKHSA).

Community and Health System Characteristics

The availability of residential care beds and assisted living units in the Creston LHA is higher than the equivalent rate for IH as a whole. Utilization measures indicate that Creston LHA residents use the available assisted living and residential care at rates exceeding those for IH as a whole.

Indicators	Creston LHA	East Kootenay HSA	Interior Health
Residential Care Beds per 1,000 Population 75+ (2008)	84.0	83.0	81.4
Assisted Living Units per 1,000 Population 75+ (2008)	16.1	16.7	14.9
Home Support Clients per 1,000 Population 65+ (2008)	28.5	34.1	29.4
Residential Care Days per 1,000 Population 75+ (2008)	31,196	28,328	27,728
Assisted Living Days per 1,000 Population 75+ (2008)	5,850	5,872	5,042
Home Support Hours per 1,000 Population 65+ (2008)	7.418	13,864	11,188

Source: Creston Local Health Area Profile, 2009

Directory of Creston Health Services

Creston' hospital is equipped for minor surgery, maternity and outpatient requirements. The Creston Valley meets the needs of the area with a full range of health and wellness professionals.

Creston Valley Hospital

312 15th Ave N, Creston, BC
Phone: (250) 428-2286

Creston Health Unit

Bag 3000 - 312 15th Avenue North
Creston, BC V0B 1G0
Phone: (250) 428-3873
Fax: (250) 428-3880
<http://www.interiorhealth.ca/health-services.aspx?id=438>

Creston Alcohol & Drug Service

Bag 3000, 138 10th Ave. N., Creston, BC V0B 1G0
Phone: 428-3553
<http://www.interiorhealth.ca/health-services.aspx?id=5046>

Creston Mental Health Centre

Bag 3000 - 312 15th Ave N
Creston, BC V0B 1G0
Phone: 428-8734
<http://www.interiorhealth.ca/health-services.aspx?id=410>

Mental Health Youth

<http://www.interiorhealth.ca/health-services.aspx?id=5052>

Creston Public Health Inspection

Bag 3000 - 312 15th Avenue North

Creston, BC V0B 1G0

Phone: (250) 428-3873

Fax: (250) 428-3880