



Nelson & Area Investment Profile 2011

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Welcome

Thank you for your interest in the Nelson 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 and retaining investment. The majority of statistics provided in this profile include the municipality of Nelson and rural Electoral Areas E and F of the Central Kootenay Regional District.



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:

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Nelson Economic Development Partnership
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Demographics

Population		
Age Group	Population	% Distribution
Under 18 years	3,390	20.3%
18 – 34 years	3,290	19.7%
35 – 54 years	5,395	32.3%
55 – 74 years	3,425	20.5%
75 years and over	1,205	7.2%
Total – Age Groups	16,705	100.0%
% Change 2001 - 2006	-0.6%	
Median Age	42.5	

Nelson	9,258
Rural Areas	7,446

Household Income (2006)

Number of Households in 2006	7,360
Median Household Income in 2006	C \$44,419

Household Income Group	Number	% Distribution
Under - \$35,000 CDN	2,775	37.7%
\$35,000 CDN - \$49,999 CDN	1,320	17.9%
\$50,000 CND - \$74,999 CDN	1,480	20.1%
\$75,000 CDN and over	1,775	24.1%

Source: Statistics Canada, Census, 2006

Average Housing Values

Number of Single Family Homes	\$318,156
Multi Family Homes	\$243,064

Taxes and Charges on a Representative House

Nelson	\$3,178
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Source: Ministry of Community Development, 2008 & 2007

Language Knowledge (age 15 to 64) – Ability to Hold a Conversation

	Total Number	% of Total
English	13,870	100.0%
French	1,315	9.5%
German	540	3.9%
Spanish	410	3.0%
Russian	380	2.7%

Italian	285	2.1%
Dutch	140	1.0%
Japanese	50	0.4%
Chinese	40	0.3%
Ukrainian	40	0.3%

Source: Statistics Canada, Census, 2006

Labour Force

Labour Force Participation Rate (15-64 years)

Male	70.9%
Female	61.2%
Total	66.1%

Civilian Labour Force

Unemployment Rate	5% (2006)
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Labour Force by Sector

Non-Agricultural Labour Force Reported by Place of Residence

	Total Number Employed	% of Total Employed Persons
Forestry & Logging	95	1.2%
Mining and Oil & Gas	45	0.6%
Construction	520	6.4%
Manufacturing	575	7.1%
Transportation, Warehousing & Public Utilities	455	5.6%
Wholesale Trade	165	2.0%
Retail Trade	1,435	17.7%
Services	3,750	46.2%
Finance, Insurance, Real Estate & Leasing	335	4.1%
Government	615	7.6%
Total	8,110	100.0%

Source: Statistics Canada, Census, 2006

Labour Force by Occupation**Reported by Place of Residence**

	Total Number Employed	% of Total Employed Persons
Administrative/Clerical	1,210	14.9%
Executive	60	0.7%
Farming/Forestry	125	1.5%
Labourers/Handlers	840	10.3%
Machine Operators	370	4.5%
Management	570	7.0%
Precision Production	205	2.5%
Professional	705	8.7%
Protective Services	95	1.2%
Sales	770	9.5%
Services	2,260	27.5%
Technician	785	9.6%
Transportation and Public Utilities	150	1.8%
Total	8,145	100.0%

Source: Statistics Canada, Census, 2006

Top Employers

Sector	Company	# Employees ¹
Education	Selkirk College (Castlegar, Trail, Nelson, Grand Forks, Kaslo, Nakusp)	575
Education	School District #8	333 teachers; 43 vice principals, principals and district administrative staff; TOTAL: 376
High Tech	Pacific Insight Electronics	400+
Government	Regional District of Central Kootenay (Nelson, Creston, Kootenay Lake)	220
Retail	Walmart	200
Highway Maintenance	Yellowhead Road & Bridge Ltd. (West Kootenay, Nelson)	190
Hospitality & Tourism	Martin Hotel Group	158
Retail	Canada Safeway	150
Hospitality & Tourism	Whitewater Ski Resort	125
Retail	Save-On-Foods	120
Government	City of Nelson	102
Retail	Maglio Building Centre (Nelson & Trail)	90
Retail	Kootenay Co-Op	65
Financial	Nelson & District Credit Union (Nelson, Rossland, Crawford Bay)	52

Source: Kootenay Business Magazine, 2008; UBCM website (<http://www.civicnet.bc.ca/siteengine/activepage.asp>), 2009

Workforce Education Attainment (25-64 Years of Age)

Less than High School Diploma	1,060	12 %
High School Diploma Only	2,565	28 %
Apprenticeship/Trades Certificate/Diploma	1,300	14 %
College/University Certificate/Diploma	2,175	24 %
University Bachelors Degree	1,195	13 %
University Medical/Dentistry/Optomety Degree	90	1 %
University Graduate Degree/Certificate	730	8 %

Source: Statistics Canada, Census, 2006

¹ Not all school district and RDCK employees reside in Nelson or immediate area.

Economic Dependencies

Public Sector	28%
Transfer Payments	18%
Forestry	9%
Other Non-Emp.	17%
Construction	10%
Tourism	7%
Other Basic	5%
Mining	2%
High Tech	4%
Agriculture	1%

Source: BC Stats Economic Dependencies, 2006

Transportation

Distance to Major Centres

Metro Area	Kilometres	Miles
Kelowna, BC	338	211
Victoria, BC	695	434
Vancouver, BC	657	410
Calgary, Alberta	624	390
Edmonton, Alberta	936	585
Portland, Oregon	829	518
Seattle, Washington	688	402
Spokane, Washington	237	148

Source: NEDP Nelson Profile, 2006

Major Carriers / Trucks

No. of Common Carriers Serving the Area	5
No. of Common Carriers with Local Terminals	5

Source: Invest BC, 2006

Closest Commercial Airports

Castlegar Airport

Website	www.castlegar.ca/devserv_air.htm
Hub Status	Regional
Distance from Community	42 kilometers
No. of Runways	1

Runway Lengths	1,615 metres, 5329.5 ft
Carriers - Passenger	Air Canada Jazz, Highland Helicopters, High Alpine Air Services, Inc.
No. of days Closed due to Inclement 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	Located in Nelson
No. of Runways	1
Runway Lengths	940 metres, 3,100 ft.
Carriers - Passenger	High Alpine, Kokanee Helicopters

Kelowna Airport

Website	www.kelownairport.com
Hub Status	International
Distance from Community	340 kilometers, 211 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
No. of days Closed due to Inclement 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	229 kilometers, 142 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
No. of days Closed due to Inclement 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	
Canadian Rockies Airport	(250)417-2223
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

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

Taxation

Municipal Tax Rate (2008)

Business	10.60822
Light Industry	10.60822
Major Industry	0
Residential	4.07194
Utility	30.14172

*Dollars of tax per \$1,000 taxable value

Source: UBCM website (<http://www.civicinfo.bc.ca/81.asp>), 2009

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 -- PST	7.0%	Exemptions include: production machinery 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

Source: InvestBC, 2009

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.

Source: InvestBC, 2009

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.

Source: InvestBC, 2009

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		Notes
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 & Sewer Water Availability

% Population Increase Served from the Source

Major Sources	5 Mile Creek Selous Creek Anderson Creek
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Source: Invest Kootenay Research, 2005

Water Treatment

Name of Provider	City of Nelson
Rated Capacity (mgd)	About 3.5 m.g.d.
Average Daily Demand (mgd)	1.3 to 1.5 m.g.d.
Peak Demand (mgd)	3.8 m.g.d. counting all 3 intakes
Chemical Breakdown of Water	Being done by Cantest Laboratories \$1,500
Water Connection Fee	Construction fee \$1,000 or cost

Source: Invest Kootenay Research, 2005

Sewer Treatment

Name of Provider	City of Nelson Sewage Treatment Plant
Average Daily Demand (mgd)	985,000 gallons/day
Peak Demand (mgd)	2.8 m.g.d
Rated Capacity (mgd)	1.5 m.g.d.

	\$1,500 (single family dwelling)
Sewer Connection Fee	Construction (single family dwelling) \$1,000 or cost
	Sewer upgrade \$1,200
	<i>Source: Invest Kootenay Research, 2005</i>

Electric Power

Name of Company	Nelson Hydro (250) 352-5511
Communities Served	Nelson & surrounding rural areas
Average Cost per kWh - \$CDN (2004)	
Commercial Electricity Rates	
Small (25 kW & 20,000 kWh)	8.26 ¢
Large 1 (400 kW & 2,000,000 kWh)	5.60 ¢
	<i>Source: Invest Kootenay Research, 2005</i>

Natural Gas

Name of Provider	Terasen Gas 1-888-224-2710
Rate Territory	Inland
Firm Contract Rates (2003)	
Type of Customer	General Firm Service (Rate Schedule 5)
Basic Charge (per month)	C \$553.00
Administration Fee (per month)	N/A
	Per Thousand Cubic Feet (Mcf)
Demand Charge	C \$12.63
Delivery and Gas Charge	C \$7.90
	<i>Source: Invest BC, 2009</i>

Landfill & Waste Management

Nearest Licensed Hazardous Waste Disposal Site	There are no hazardous waste disposal sites in British Columbia.
No. of Licensed Hazardous Waste Haulers Serving the Area	0

Landfill Location(s)

Location	Capacity Left at Current Site	Plans for New Capacity
Central Landfill (Salmo)		No
Nelson Transfer Station	Unlimited	No

Source: Invest Kootenay Research, 2005

Telecommunications

Number of Local Service Providers ²	5
Name of Provider	The Net Idea, Shaw Internet, Specialty Electronics Ltd; Telus Internet Services; Uniserve.com
Address	See Yellow Pages

Service Characteristics of the Office

Switch Technology	Digital
Fiber Service Provided	Yes
100 Mbps LAN Service Available	Yes
Monitoring	Remotely
ISDN Available	Yes
ADSL Available	Yes
ADSL Available from this Switch	Yes
Central Office on Self-Healing Fiber Ring	Contact Suppliers
Dual Feed from Two Separate Switching Offices	Contact Suppliers
Multiple Route Diversity	Yes

Source: Invest Kootenay Research, 2005

Business Support Services

Number of Business Support Services³

Computer Consultants / Graphic Design	19
Consultants	33
Welding	5
Temporary Employment	5
Bookkeeper / Income Tax Preparation	11
Accountants	6
General Contractors	93
Inspection / Appraisal	5
Engineering	9
Transportation / Delivery / Moving / Courier	13
Architect / Building Design / Drafting	5
Wholesale	9
Mechanical Contractors	25

Source: Invest Kootenay Research, 2005

² Note: For a more accurate assessment, each supplier should be contacted and a separate profile compiled. Those answers shown reflect the best available of at least one of the suppliers.

³ Note that Nelson has a very high small business formulation rate: 1200 business licenses / 10,000 population.

Quality of Life

Climate			
Average Daily Temperature (Celsius)	High	Low	Average
January	0.2	-7.1	-3.7
July	28	10.1	19.1
Average Annual Rainfall	680.0mm		
Average Annual Snowfall	173.2cm		
Average Annual Windspeed (kph)	N/A		
Weather Station Elevation	457.2m		
Weather Station Name	South Slocan		

Source: Environment Canada, 2005

Culture and Recreation	
Top Annual Events	Date(s)
Kootenay Coldsmoke Powder Festival	February
Whitewater Winter Beach Party Bash	April 10
Nelson High School Music Festival	May 9 -10
Kaslo May Days	May 16 – 18
Cottonwood Outdoor Market (Saturday)	May 2 – October 17
Farmers Market (Wednesday)	June 23 – September 23
Canada Community Celebration Lakeside Park	July 1
Artwalk	July 1 – September 30
Toad Rock Motorcycle Rally	July 3 – 5
Nakusp Music Festival	July 17 – 19
Kaslo Jazzfest	August 1 -2
Shambala	August 7 – 10
Queen City Cruise	September 11 -12
Hills Garlic Festival	September 13
Harrop Harvest Festival	September 13
Country Christmas Fair	November
Kootenay Artisans Christmas Market	November
Christmas on Baker	December
2010 Olympic Torch Relay	January 23 1010

Source: Invest Kootenay Research, 2009

Education

Selkirk College

Website: www.selkirk.bc.ca

Main Campus: Castlegar Area

Other Campuses: Castlegar (main campus), Grand Forks, Kaslo, 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, Riوندel, and Creston on the east side of Kootenay Lake; and Kaslo, 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	280	289	288	292	300
Programme Francophone	-	-	-	-	-
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 Secondary	1	1	-	-	1
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 and other District Administrative 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

Independent Schools in Nelson

CHEK-ABC Independent School
 Facility Type: Distributed Learning
 Grade Range: Elementary / Secondary

Headcount	2003/04	2004/05	2005/06	2006/07	2007/08
Total	-	17	136	117	124
Female	-	4	72	66	63
Male	-	13	64	51	61
Kindergarten (FT and PT)	-	1	21	11	8
Grade 1	-	3	7	20	11
Grade 2	-	3	19	9	20
Grade 3	-	1	19	14	9
Grade 4	-	3	21	11	13
Grade 5	-	-	11	13	11
Grade 6	-	3	16	10	10
Grade 7	-	1	7	7	6
Elementary Ungraded	-	-	-	-	-
Grade 8	-	2	5	9	13
Grade 9	-	-	5	4	9
Grade 10	-	-	4	3	8
Grade 11	-	-	1	4	3
Grade 12	-	-	-	2	3
Secondary Ungraded	-	-	-	-	-
School-age	-	17	136	117	124
Adult	-	-	-	-	-
Aboriginal	-	1	4	3	3
English as a Second Language	-	-	-	-	-
French Immersion	-	-	-	-	-
Non-Resident	-	-	-	-	-
Home School Registration	-	-	15	17	24
Female	-	-	6	7	10
Male	-	-	9	10	14

Source: BC Ministry of Education, 2009

Nelson Christian Community School
 Facility Type: Standard
 Grade Range: Elementary-Junior Secondary

Headcount	2003/04	2004/05	2005/06	2006/07	2007/08
Total	26	30	42	47	46
Female	14	14	21	21	24
Male	12	16	21	26	22
Kindergarten (FT and PT)	3	2	5	4	5
Grade 1	6	5	2	6	4
Grade 2	2	6	3	2	7
Grade 3	7	1	9	4	3
Grade 4	-	7	2	11	4
Grade 5	5	2	8	2	8
Grade 6	3	4	3	8	2
Grade 7	-	3	3	3	7
Elementary Ungraded	-	-	-	-	-
Grade 8	-	-	4	4	3
Grade 9	-	-	3	3	3
Grade 10	-	-	-	-	-
Grade 11	-	-	-	-	-
Grade 12	-	-	-	-	-
Secondary Ungraded	-	-	-	-	-
School-age	26	30	42	47	46
Adult	-	-	-	-	-
Aboriginal	2	3	8	9	8
English as a Second Language	-	-	-	-	-
French Immersion	-	-	-	-	-
Non-Resident	-	-	-	-	-

Source: BC Ministry of Education, 2009

Nelson Waldorf School
 Facility Type: Standard
 Grade Range: Elementary-Junior Secondary

Headcount	2003/04	2004/05	2005/06	2006/07	2007/08
Total	185	177	142	146	159
Female	99	92	74	77	83
Male	86	85	68	69	76
Kindergarten (full-time and part-time)	32	20	20	17	27
Grade 1	15	18	10	16	5
Grade 2	19	18	16	16	17
Grade 3	25	19	14	15	17
Grade 4	20	22	16	18	16

Grade 5	17	12	19	14	18
Grade 6	16	15	8	20	19
Grade 7	17	17	12	-	21
Elementary Ungraded	-	-	-	-	-
Grade 8	24	16	15	17	-
Grade 9	-	20	12	13	19
Grade 10	-	-	-	-	-
Grade 11	-	-	-	-	-
Grade 12	-	-	-	-	-
Secondary Ungraded	-	-	-	-	-
School-age	185	177	142	146	159
Adult	-	-	-	-	-
Aboriginal	7	7	3	3	1
English as a Second Language	-	-	-	-	-
French Immersion	-	-	-	-	-
Non-Resident	-	3	5	7	-

Number of Students in Programs	2003/04	2004/05	2005/06	2006/07	2007/08
French Programs	152	158	122	129	132
Female	83	83	67	69	68
Male	69	75	55	60	64
Core French	152	158	122	129	132
French Immersion	-	-	-	-	-
Programme Francophone	-	-	-	-	-
Home School Registration	11	14	12	16	21
Female	7	9	7	7	10
Male	4	5	5	9	11

Source: BC Ministry of Education, 2009

St. Joseph School
Facility Type: Standard
Grade Range: Elementary

Headcount	2003/04	2004/05	2005/06	2006/07	2007/08
Total	106	101	118	122	124
Female	52	53	58	59	55
Male	54	48	60	63	69
Kindergarten (full-time and part-time)	6	14	15	16	17

Grade 1	17	7	16	20	20
Grade 2	11	18	11	15	21
Grade 3	16	13	18	11	16
Grade 4	18	19	20	19	16
Grade 5	17	19	22	21	18
Grade 6	11	11	14	13	14
Grade 7	10	-	2	7	2
Elementary Ungraded	-	-	-	-	-
Grade 8	-	-	-	-	-
Grade 9	-	-	-	-	-
Grade 10	-	-	-	-	-
Grade 11	-	-	-	-	-
Grade 12	-	-	-	-	-
Secondary Ungraded	-	-	-	-	-
School-age	106	101	118	122	124
Adult	-	-	-	-	-
Aboriginal	6	3	1	-	-
English as a Second Language	-	-	-	-	-
French Immersion	-	-	-	-	-
Non-Resident	-	-	-	-	-

Number of Students in Programs	2003/04	2004/05	2005/06	2006/07	2007/08
French Programs	106	101	118	122	124
Female	52	53	58	59	55
Male	54	48	60	63	69
Core French	106	101	118	122	124
French Immersion	-	-	-	-	-
Programme Francophone	-	-	-	-	-
Home School Registration	-	-	-	-	-
Female	-	-	-	-	-
Male	-	-	-	-	-

Source: BC Ministry of Education, 2009

Health

The Nelson Local Health Area (LHA) is one of 31 LHAs within Interior Health and one of 7 located in the Kootenay Boundary Health Service Area (KBHSA).

Population and Demographics

The population of the Nelson LHA is the second largest of the 7 LHAs located within the Kootenay Boundary Health Service Area (KBHSA). The median age of the Nelson LHA population is the lowest among the 7 KBHSA LHAs. The population of the Nelson LHA is projected to increase by 2.8% over the period from 2009 to 2014. This is lower than the projected Interior Health growth rate of 4.4% over the same period. Over the next 5 years, the youth population (less than 20) is projected to decrease by 6.8%. 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. Nelson's life expectancy at birth of 80.4 years is higher than that for the KBHSA (79.9) and IH (80.0) but lower than British Columbia (80.9). Low birth weight infants (< 2,500 grams) have increased risks of morbidity and premature death. The Nelson rate of low birth weight infants is 43.2 per 1,000 live births, which is lower than the KBHSA (54.1), Interior Health (53.8) and British Columbia (54.7) rates. The Standardized Mortality Ratio (SMR) is the ratio of the number of deaths occurring to residents of a geographic area (e.g. Nelson 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 Nelson is 1.07 which means there were more deaths than expected, given provincial rates. Please note that this number is statistically significant. Diseases of the Circulatory System were the leading cause of death in the Nelson LHA and accounted for 38.8% 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 Nelson LHA residents had a higher median share of income than British Columbia residents, but lower than the Kootenay Boundary HSA and Interior Health.

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. The Nelson LHA had a higher rate of Affordable Housing than residents of Interior Health and the Kootenay Boundary HSA, meaning greater percentage of residents spent 30% or more on shelter expenses than residents of these regions, but had a lower rate than British Columbia residents.

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 Nelson LHA had a lower proportion of residents who graduated high school than the Kootenay Boundary 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 Nelson unemployment rate is higher than British Columbia, but lower than the Kootenay Boundary HSA rate.

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.

Kootenay Boundary 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. The KBHSA has a higher rate of tobacco use and obesity than British Columbia, but lower rates than 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 Nelson LHA receive basic acute care services at the Kootenay Lake Hospital in Nelson while those requiring specialized services travel to the Kootenay Boundary Regional Hospital in Trail. Over half (54.4%) of Nelson inpatients received treatment at Kootenay Lake Hospital and another 28.8% received treatment at Kootenay Boundary Regional Hospital. Overall, over 83% of Nelson LHA inpatient cases were treated at hospitals within the Kootenay Boundary Health Service Area (KBHSA).

Community and Health System Characteristics

The availability of residential care beds in the Nelson and Kootenay Lake LHAs is lower than the equivalent rate for IH as a whole. However, assisted living units are available at rates greater than that for IH. Utilization measures indicate that Nelson LHA residents use the available assisted living services at rates exceeding those for IH as a whole, but use residential care and home support services at rates less than those for IH as a whole.

Indicators	Nelson and Kootenay Lake LHAs	Kootenay Boundary HSA	Interior Health
Residential Care Beds per 1,000 Population 75+ (2008)	75.2	83.1	81.4
Assisted Living Units per 1,000 Population 75+ (2008)	15.1	15.8	14.9
Home Support Clients per 1,000 Population 65+ (2008)	31.8	36.4	29.4
Residential Care Days per 1,000 Population 75+ (2008)	23,414	29,386	27,728
Assisted Living Days per 1,000 Population 75+ (2008)	6,827	5,761	5,042
Home Support Hours per 1,000 Population 75+ (2008)	9,781	12,815	11,188

Source: Nelson Local Health Area Profile, 2009