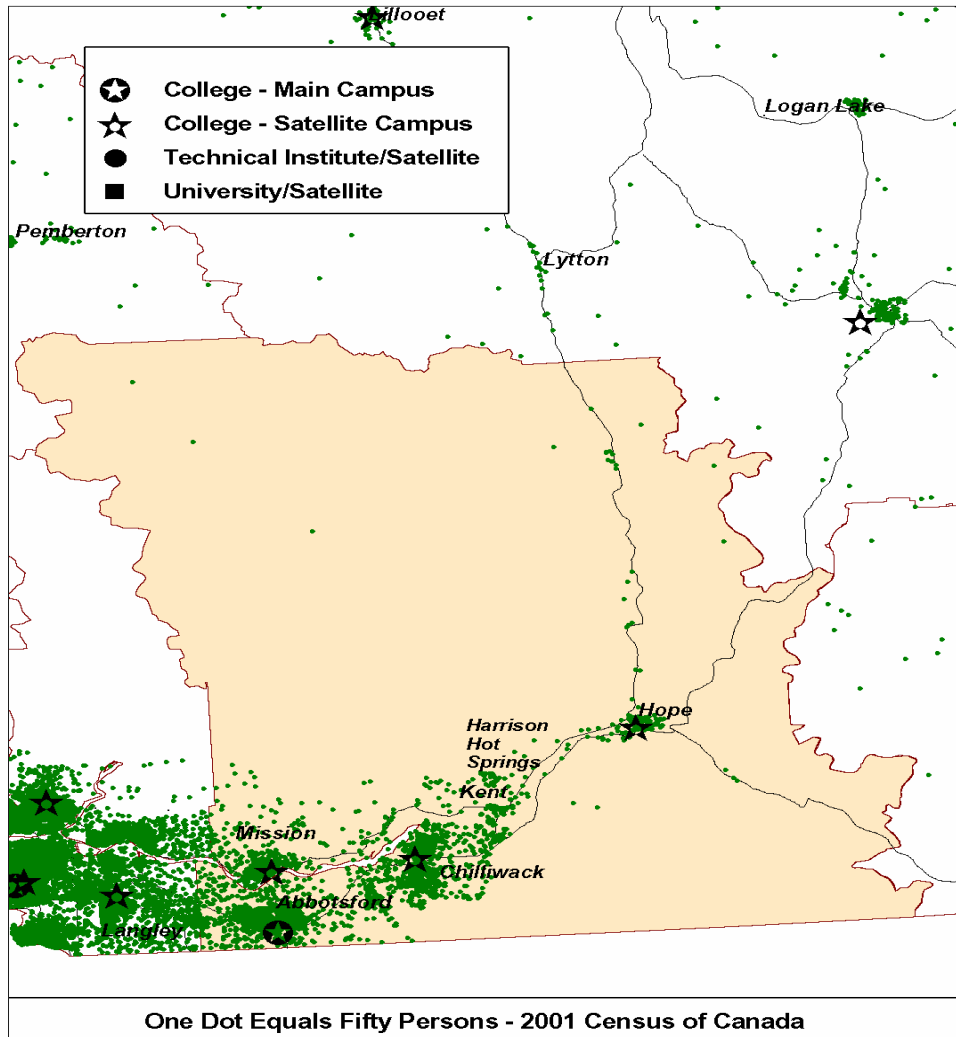


INDUSTRY AND OCCUPATION PROJECTIONS: 2006 -- 2010

FRASER VALLEY COLLEGE REGION



Background Information on Geographic Location of Population

Major Cities	Population <u>2005</u>	% of <u>Region</u>	Land <u>Area</u> <i>Sq Km</i>	Population <u>Density</u> <i>Persons per Sq Km</i>
Abbotsford	127,434	48.2	359.2	354.8
Chilliwack	70,522	26.7	258.0	273.4
Mission	34,742	13.1	225.8	153.9
Hope	6,591	2.5	41.4	159.1
Kent	5,680	2.1	166.9	34.0
Harrison Hot Springs	1,585	0.6	5.5	289.8
Rest of Region	17,799	6.7	11,713.4	1.5
Total Region	264,353	100.0	12,770.1	20.7
Region as % of BC	6.2		1.4	
Youth Age 15-29	56,183			
Youth in Region as % of BC	6.5			

Note to Users

All assumptions relating to employment are based on past conditions, modified wherever possible to take into consideration future changes. Consequently, the resulting employment projections are not necessarily what will be, but rather what could be, given the realization of these conditions. It is certainly possible that unforeseen changes in factors such as economic development, government policy, land use and zoning will affect future employment. Consequently, the projections should only be regarded as one possible scenario on the future size and distribution of the workforce.

Regional Employment Projection Model (REPM)

BC STATS is grateful for the support and financial assistance from the Ministry of Advanced Education in developing the model.

Contents

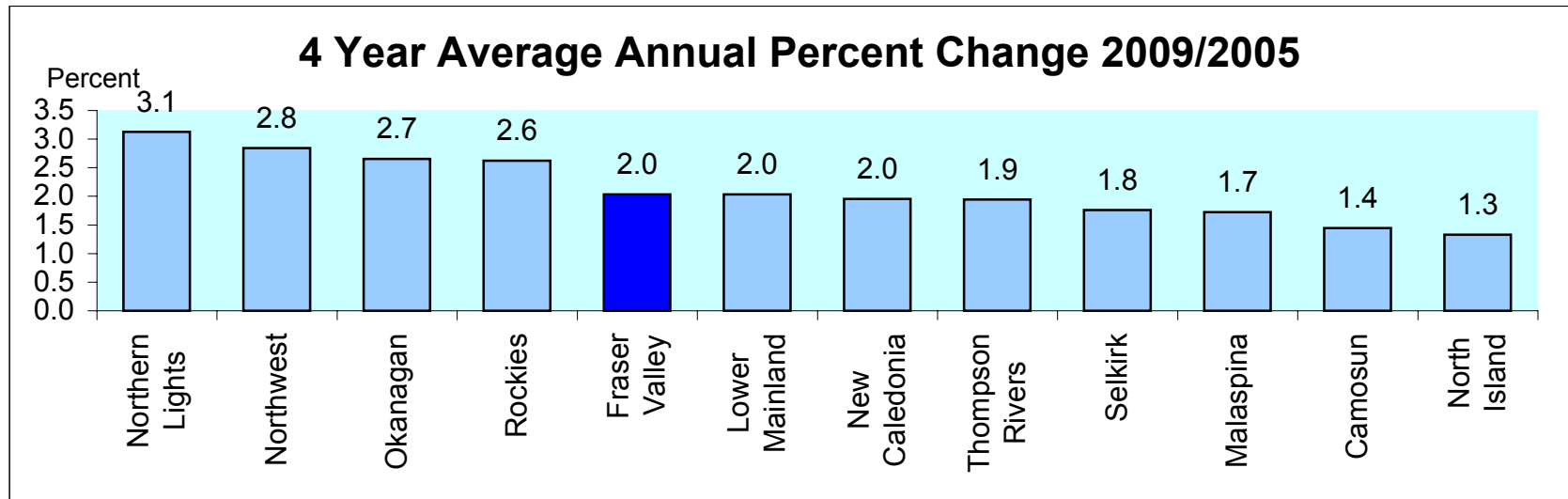
1. Projected Annual Growth in Employment Demand by College Region
2. Industrial Structure in the College Region Compared with BC, 2005 and 2009
3. Projected Annual Growth in Employment Demand by Industry
4. Occupational Structure in the College Region Compared with BC, 2005 and 2009
5. Projected Annual Growth Rates in Occupational Demand (1-digit)
6. Projected Annual Growth Rates in Occupational Demand (2-digits)

Appendices

1. Methodology
2. COPS Industry Conversion to REPM
3. Regional District to College Region Conversion for REPM
4. Projected Annual Growth Rates in Occupational Demand (3-digit)
5. Projected Annual Growth Rates in Occupational Demand (4-digit)

Projected Annual Growth in Employment Demand by College Region

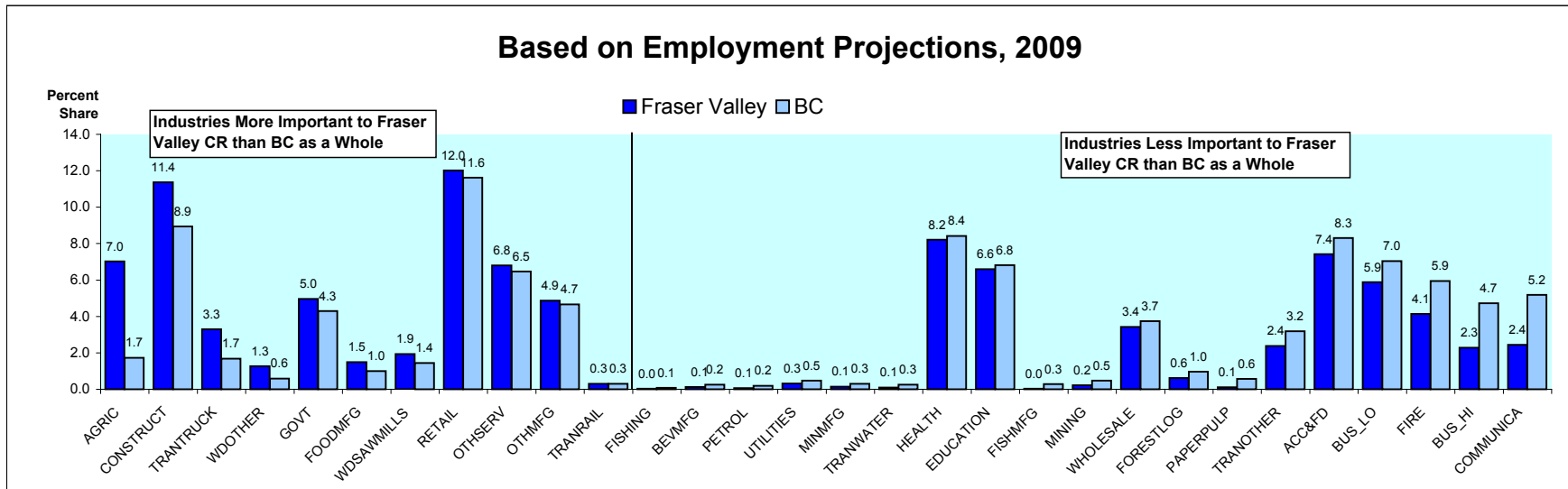
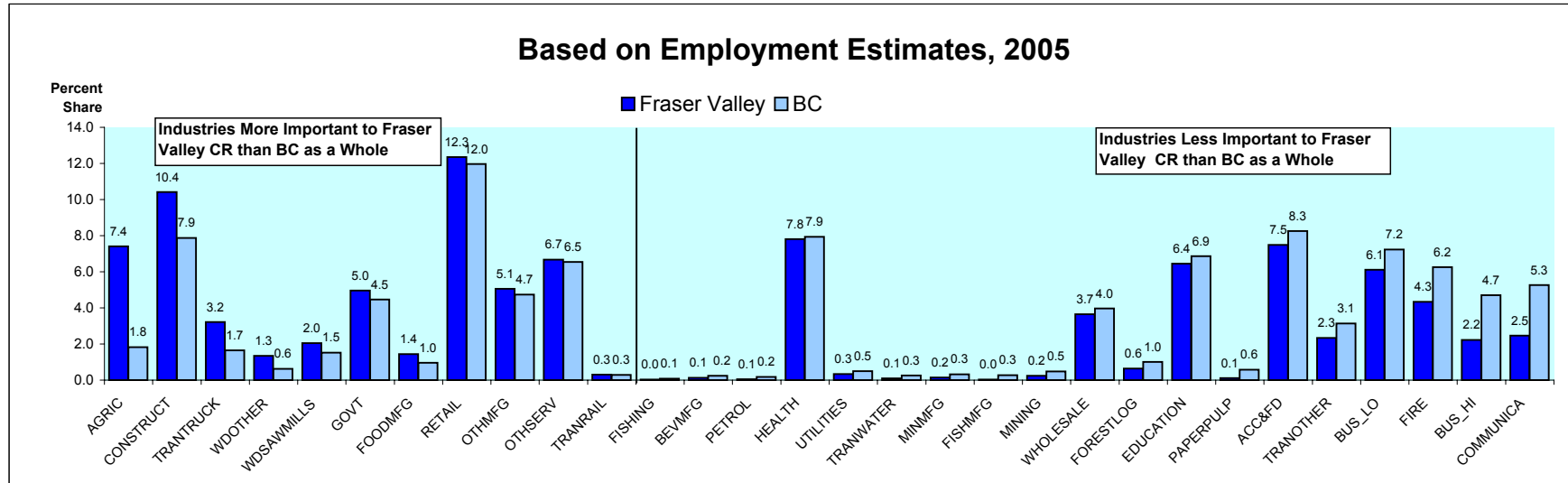
	Estimated Employment	Projected Employment Levels		Average Annual % Chg			Avg Annual % Chg Over 4 Years
	<u>2005</u>	<u>2009</u>	<u>2010</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
Northern Lights	34,708	39,046	39,220	3.1	2.9	0.4	3.1
Northwest	34,597	38,531	39,845	2.3	3.2	3.4	2.8
Okanagan	175,281	193,888	201,600	2.3	2.9	4.0	2.7
Rockies	37,929	41,910	43,335	2.3	2.8	3.4	2.6
Fraser Valley	120,271	130,067	133,725	1.8	2.2	2.8	2.0
Lower Mainland	1,182,258	1,278,495	1,327,306	2.1	1.9	3.8	2.0
New Caledonia	75,311	81,207	83,482	1.8	2.0	2.8	2.0
Thompson Rivers	85,651	92,310	94,914	1.8	2.0	2.8	1.9
Selkirk	36,829	39,421	40,304	1.5	2.0	2.2	1.8
Malaspina	109,580	117,129	120,067	1.4	2.0	2.5	1.7
Camosun	167,460	177,149	181,894	1.3	1.6	2.7	1.4
North Island	70,227	73,956	75,509	1.2	1.4	2.1	1.3
Total	2,130,101	2,303,108	2,381,200	2.0	2.0	3.4	2.0



Industrial Structure in the Fraser Valley College Region Compared with BC

Percent Share of Employment by Industry

Ranked by the Percentage Point Difference in the Industry Share in the College Region Compared with BC



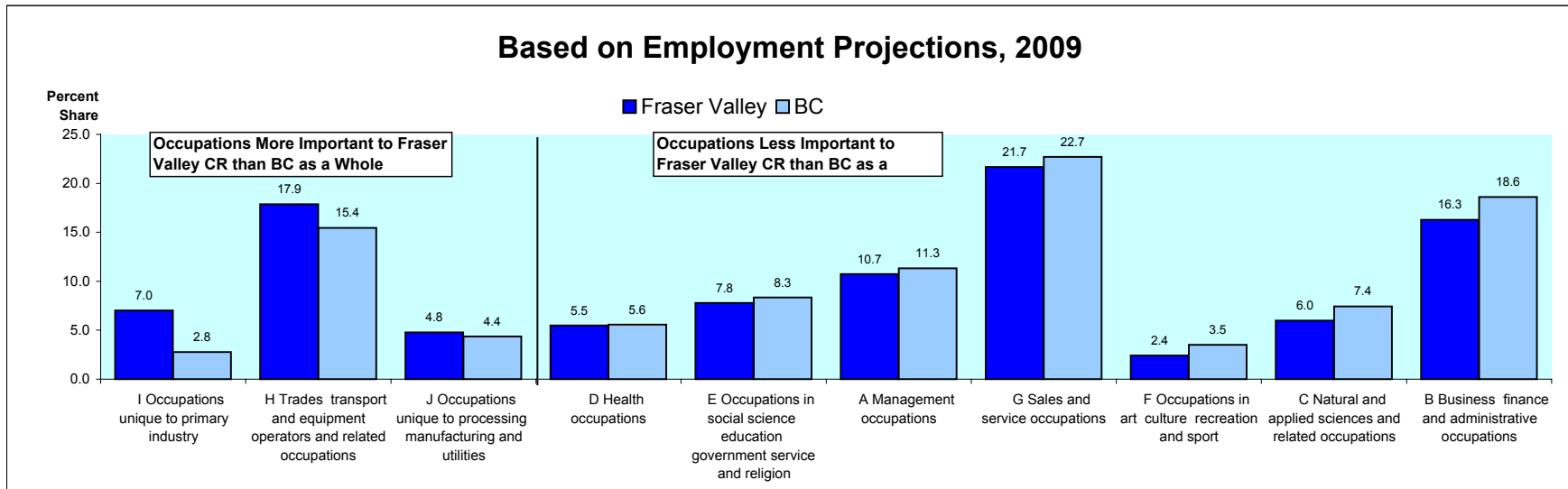
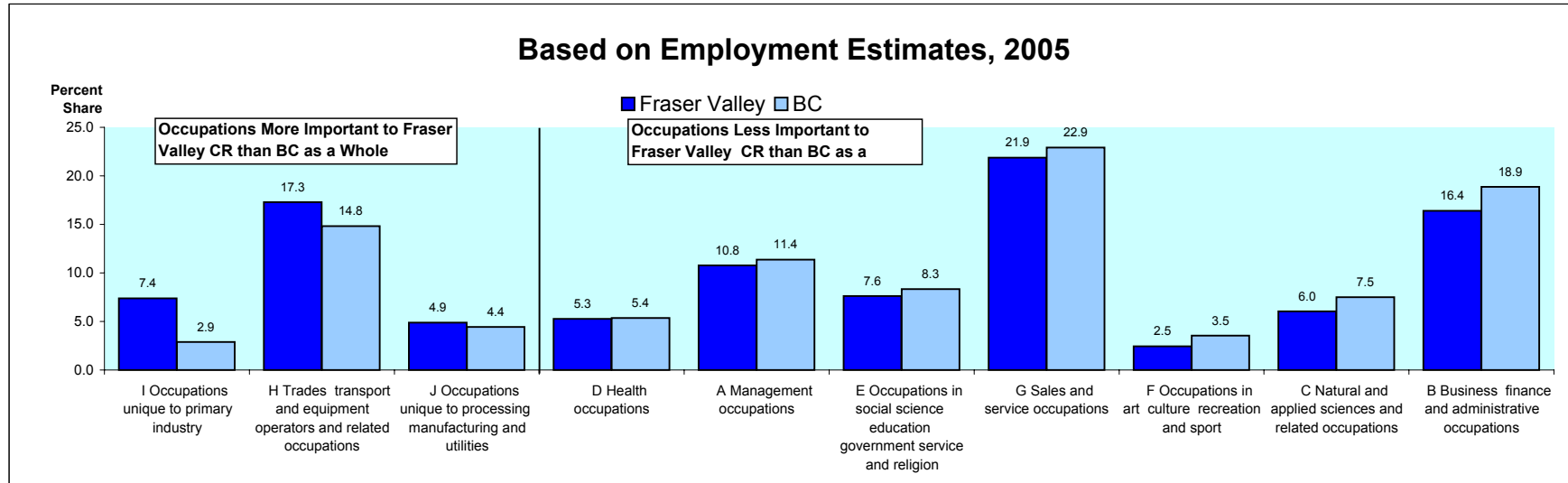
Fraser Valley College Region

	Estimated	Projected		Average Annual % Chg			Avg Annual % Chg
	Employment	Employment Levels					Over 4 Years
	<u>2005</u>	<u>2009</u>	<u>2010</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
ACC&FD	9,002	9,647	10,073	1.5	2.0	4.4	1.8
AGRIC	8,917	9,142	9,541	0.9	0.4	4.4	0.6
BEVMFG	155	173	175	4.0	1.7	1.0	2.9
BUS_HI	2,672	2,968	3,053	1.7	3.7	2.9	2.8
BUS_LO	7,357	7,651	7,831	1.2	0.8	2.3	1.0
COMMUNICA	2,971	3,168	3,209	1.6	1.6	1.3	1.7
CONSTRUCT	12,523	14,795	13,758	2.0	6.8	-7.0	4.5
EDUCATION	7,750	8,589	8,830	2.7	2.6	2.8	2.7
FIRE	5,215	5,387	5,628	1.4	0.3	4.5	0.8
FISHING	42	44	48	1.6	1.4	7.1	1.5
FISHMFG	45	51	51	4.0	1.7	1.0	2.9
FOODMFG	1,734	1,948	1,949	4.7	1.3	0.1	3.1
FORESTLOG	776	798	791	1.8	-0.4	-0.9	0.7
GOVT	5,972	6,445	6,573	1.9	2.0	2.0	2.0
HEALTH	9,390	10,691	11,144	3.1	3.6	4.2	3.5
MINING	283	290	295	0.7	0.5	1.9	0.6
MINMFG	183	185	185	0.5	0.1	0.2	0.3
OTHMFG	6,090	6,327	6,865	0.6	1.3	8.5	1.0
OTHSERV	8,026	8,841	9,317	2.7	2.3	5.4	2.5
PAPERPULP	143	153	154	2.2	1.2	0.5	1.8
PETROL	63	77	72	6.1	3.9	-6.3	5.2
PETROLMFG	-	-	-	-	-	-	-
RETAIL	14,849	15,631	16,524	1.7	0.9	5.7	1.3
TRANOTHER	2,807	3,093	3,162	2.4	2.6	2.2	2.6
TRANRAIL	369	402	410	2.0	2.3	2.1	2.2
TRANTRUCK	3,873	4,287	4,392	2.7	2.5	2.5	2.7
TRANWATER	121	131	134	1.9	2.1	2.3	2.1
UTILITIES	408	413	420	0.8	-0.2	1.7	0.3
WDOTHER	1,620	1,659	1,745	0.4	0.8	5.2	0.6
WDSAWMILLS	2,464	2,524	2,655	0.4	0.8	5.2	0.6
WHOLESALE	4,397	4,450	4,631	0.7	-0.1	4.1	0.3
ALL INDUSTRIES	120,271	130,067	133,725	1.8	2.2	2.8	2.0

Occupational Structure in the Fraser Valley College Region Compared with BC

Percent Share of Employment by Occupation

Ranked by the Percentage Point Difference in the Occupation Share in the College Region Compared with BC



Fraser Valley College Region

	Estimated Employment	Average Annual % Change			Avg Annual % Chg Over 4 Years
	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
	All occupations	120,271	1.8	2.2	2.8
A Management occupations	12,942	1.7	2.1	2.8	1.9
B Business finance and administrative occupations	19,734	1.8	1.8	3.0	1.8
C Natural and applied sciences and related occupations	7,269	1.6	1.9	2.4	1.8
D Health occupations	6,353	2.8	3.0	4.5	3.0
E Occupations in social science education government service and religion	9,180	2.5	2.5	3.3	2.6
F Occupations in art culture recreation and sport	2,947	1.7	1.8	2.9	1.8
G Sales and service occupations	26,309	1.9	1.7	4.4	1.8
H Trades transport and equipment operators and related occupations	20,780	1.9	3.8	-0.8	3.0
I Occupations unique to primary industry	8,872	1.0	0.5	4.0	0.7
J Occupations unique to processing manufacturing and utilities	5,884	1.4	1.2	4.7	1.3

Projected Annual Growth Rates in Occupational Demand (2-digits)

Fraser Valley College Region

Projected Annual Growth Rates in Occupational Demand

	Estimated Employment	Average Annual % Change			Avg Annual % Chg Over 4 Years
	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
All occupations	120,271	1.8	2.2	2.8	2.0
A2 Managers in retail trade food and accommodation services	1,506	1.7	2.0	2.5	1.9
A3 Other managers n.e.c.	2,647	1.5	1.5	3.2	1.5
B0 Professional occupations in business and finance	4,487	1.7	1.4	4.9	1.5
B1 Finance and insurance administration occupations	4,303	1.9	3.2	0.4	2.6
B2 Secretaries	3,120	1.5	1.3	3.1	1.5
B3 Administrative and regulatory occupations	1,975	1.6	1.8	2.5	1.7
B4 Clerical supervisors	2,555	2.0	2.4	2.4	2.3
B5 Clerical occupations	2,115	1.8	2.2	2.5	2.1
C0 Professional occupations in natural and applied sciences	410	1.7	1.4	3.5	1.6
C1 Technical occupations related to natural and applied sciences	9,559	1.9	1.7	3.3	1.8
D0 Professional occupations in health	3,995	1.5	1.7	2.6	1.7
D1 Nurse supervisors and registered nurses	3,277	1.7	2.1	2.2	1.9
D2 Technical and related occupations in health	1,471	2.8	2.9	4.5	2.9
D3 Assisting occupations in support of health services	1,666	3.0	3.3	4.4	3.2
E0 Judges, lawyers, psychologists, social workers, ministers of religion & policy/program officers	1,610	2.7	2.9	4.5	2.9
E1 Teachers and professors	1,604	2.9	3.1	4.6	3.1
E2 Paralegals, social services workers & occup. in educ. & religion n.e.c.	2,537	2.1	2.2	3.3	2.2
F0 Professional occupations in art and culture	4,149	2.7	2.6	2.8	2.7
F1 Technical occupations in art, culture, recreation and sport	2,497	2.7	2.8	3.9	2.8
G0 Sales and service supervisors	1,137	1.9	1.9	2.4	1.9
G1 Wholesale, technical, insurance, real estate sales specialists & retail, wholesale and grain buyers	1,809	1.6	1.8	3.2	1.7
G2 Retail salespersons and sales clerks	757	1.8	1.6	4.6	1.7
G3 Cashiers	2,117	1.2	0.7	4.0	1.0
G4 Chefs and cooks	4,921	1.7	1.0	5.3	1.4
G5 Occupations in food and beverage service	2,138	1.8	1.0	5.3	1.4

Fraser Valley College Region

Projected Annual Growth Rates in Occupational Demand

	Estimated Employment	Average Annual % Change			Avg Annual % Chg Over 4 Years
	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
G6 Occupations in protective services	1,786	1.7	2.1	4.3	1.9
G7 Occup. in travel & accommodation incl. attendants in recreation & sport	2,238	1.5	2.0	4.4	1.8
G8 Childcare and home support workers	1,226	1.9	2.0	2.3	2.0
G9 Sales and service occupations n.e.c.	840	1.9	2.2	2.9	2.1
H0 Contractors and supervisors in trades and transportation	2,288	2.8	2.8	4.2	2.9
H1 Construction trades	7,998	2.0	1.8	4.5	2.0
H2 Stationary engineers, power stn operators & electrical trades & telecom.	1,178	1.8	5.0	-3.2	3.5
H3 Machinists, metal forming, shaping and erecting occupations	5,040	1.9	6.0	-5.4	4.1
H4 Mechanics	1,318	1.8	4.6	-3.0	3.3
H5 Other trades n.e.c.	1,310	1.3	2.9	2.5	2.1
H6 Heavy equipment and crane operators including drillers	2,596	1.9	2.2	3.3	2.1
H7 Transport equipment operators & related workers, excl. labourers	1,102	1.5	2.5	2.9	2.0
H8 Trades helpers, construction and transport labourers & related	953	1.8	5.1	-4.2	3.6
I0 Occupations unique to agriculture, excluding labourers	4,591	2.4	2.3	2.3	2.4
I1 Occup. unique to forestry ops, mining, oil & gas extraction, fishing excl. labourers	2,694	1.8	3.6	-0.9	2.7
I2 Primary production labourers	7,324	0.9	0.4	4.3	0.7
J0 Supervisors in manufacturing	507	1.6	0.7	1.1	1.2
J1 Machine operators in manufacturing	1,043	1.3	0.9	3.0	1.1
J2 Assemblers in manufacturing	472	1.6	1.2	4.5	1.4
J3 Labourers in processing, manufacturing and utilities	2,363	1.4	1.2	4.8	1.3

Appendix 1

Summary of Methodology for the British Columbia Regional Employment Projection Model (REPM)

The methodology used in the model has come largely from previous work on community dependencies carried out earlier by BC STATS. The fundamental premise is that the economy of a region can be represented by income flows that can be classified as “basic” (or driver) and “non-basic” (or support) depending on the source of the income.

The model calculates indirect employment effects from employment changes in the basic sectors using multipliers based in inter-industry linkages from the British Columbia Input-Output Model. Similarly, non-basic, or induced effects are calculated using an income-to-non-basic-jobs ratio.

The current version of the model is benchmarked to the 2001 Census employment by Regional District, and is projected forward up to the most up-to-date annual employment data from the Labour Force Survey. The growth rates from the Labour Force Survey (LFS) at the provincial level for the basic industries are used to project growth down to the Regional District level. The model then calculates the indirect jobs based on the Regional District specific multipliers. The direct and indirect employment levels are then used to calculate the wages and salaries earned in the basic industries which in turn are converted to employment in the non-basic industries through the income to support-industry job multipliers. As well, transfer payments and investment income are also converted to employment in the non-basic industries using the same multipliers. The output from the model is then benchmarked to the LFS industry numbers at the BC level as well as to the LFS regional employment numbers for the Development Regions and the Capital and Greater Vancouver Regional Districts. In the current version of the model, the employment numbers are reconciled up to the 2005 annual averages from the LFS.

Once the model is brought up to the most current employment levels, then the forecast is carried out for five to ten years further. The industrial employment projections from the Canadian Occupational Projection System (COPS) are now used as the source data for the industrial growth, both in determining the growth rates in the direct employment and then as a benchmark on which to reconcile the industrial employment generated by the model.

While the total employment is forced to the COPS employment levels, there is leeway to adjust growth rates by industry across the sub-provincial regions. There are some standard variables that are used to differentiate the outlook for

the regions. For example, the growth in the education sector is dictated by the projected K-12 and post-secondary population growth in the relevant age groups. Government Services is projected in line with the total population projections for the Regional Districts. Employment in the Health Sector is so often governed by the growth in the senior's population as are the transfer payments flowing in. (CPP and OAS is a large component of transfer payments). As well, pensions from private pension plans are considered investment income meaning seniors receive a high proportion of the total investment income in a region.

An important determining factor of growth by region is the major projects coming on stream in the outlook timeframe. Firstly they impact construction employment and secondly many will impact specific industries once they move into the production phase. In BC, we are dealing with the preparations for the 2010 Winter Games so many of the construction occupations will be in short supply.

The intent is to update the REPM annually, based on another year of LFS data plus a new COPS forecast. Currently, there is a demand for economic forecasts by occupation at the college region level. College Regions are aggregations of sub-sets of Regional Districts. Occupational forecasts are being produced at the college region level. In the appendix there is a conversion table which outlines which Regional District belongs to which College Region.

The model is only as good as the input data assumptions. Our reliance on good quality data from COPS is very important. Users of the data who perceive any problems with the assumptions in the model or question the quality of any of the data series being used should contact BC STATS at bcstats@gov.bc.ca.

May 2, 2006

Appendix 2

COPS INDUSTRY CONVERSION TO REPM

REPM INDUSTRY	COPS INDUSTRY	% of COPS INDUSTRY
ACC&FD	31 Accommodation and food services	100
AGRIC	1 Agriculture	100
BEVMFG	9 Food and Beverage Products	16
BUS_HI	25 Computer System Design Services	100
BUS_HI	24 Professional Business Services	50
BUS_HI	26 Other Professional Services	50
BUS_LO	27 Management, Administrative and Other Support	100
BUS_LO	24 Professional Business Services	50
BUS_LO	26 Other Professional Services	50
COMMUNICA	30 Information, culture and recreation	100
CONSTRUCT	8 Construction	100
EDUCATION	28 Educational Services	100
FIRE	23 Finance, Insurance, Real Estate and Leasing	100
FISHING	3 Fishing, Hunting and Trapping	100
FISHMFG	9 Food and Beverage Products	18
FOODMFG	9 Food and Beverage Products	66
FORESTLOG	2 Forestry and Logging with support activities	100
GOVT	33 Public administration	100
HEALTH	29 Health Care and Social Assistance	75
MINING	5 Mining (except Oil and Gas)	100
MINING	6 Support Activities for Mining and Oil and Gas Extraction	67
MINMFG	14 Manufactured Mineral Products	50
OTHMFG	12 Printing and Related Support Activities	100
OTHMFG	13 Rubber, Plastics and Chemicals	100
OTHMFG	14 Manufactured Mineral Products	50
OTHMFG	15 Metal Fabrication and Machinery (excluding electrical)	100
OTHMFG	16 Computer, Electronic and Electrical Products	100
OTHMFG	17 Motor Vehicle, Body, Trailer & Parts Manufacturing	100
OTHMFG	18 Other Transportation Equipment Manufacturing	100
OTHSERV	29 Health Care and Social Assistance	25
OTHSERV	32 Other services	100

COPS INDUSTRY CONVERSION TO REPM

REPM INDUSTRY	COPS INDUSTRY	% of COPS INDUSTRY
PAPERPULP	11 Paper Manufacturing	100
PETROL	4 Oil and Gas Extraction	100
PETROL	6 Support Activities for Mining and Oil and Gas Extraction	33
PETROLMFG	19 Other Manufacturing	7
RETAIL	21 Retail Trade	100
TRANOTHER	22 Transportation and Warehousing	59
TRANRAIL	22 Transportation and Warehousing	5
TRANTRUCK	22 Transportation and Warehousing	31
TRANWATER	22 Transportation and Warehousing	5
UTILITIES	7 Utilities	100
WDOTHER	10 Wood Product Manufacturing	29
WDSAWMILLS	10 Wood Product Manufacturing	71
WHOLESALE	20 Wholesale Trade	100

Appendix 3

REGIONAL DISTRICT TO COLLEGE REGION CONVERSION FOR REPM

COLLEGE REGION	REGIONAL DISTRICT #	REGIONAL DISTRICT NAME	% of REGIONAL DISTRICT
CAMOSUN	17	Capital	100
FRASER VALLEY	9	Fraser Valley	100
LOWER MAINLAND	15	Greater Vancouver	100
LOWER MAINLAND	29	Sunshine Coast	100
LOWER MAINLAND	31	Squamish Lillooet	87
MALASPINA	19	Cowichan Valley	100
MALASPINA	21	Nanaimo	100
MALASPINA	27	Powell River	100
NEW CALEDONIA	41	Cariboo	37
NEW CALEDONIA	51	Bulkley Nechako	61
NEW CALEDONIA	53	Fraser-Fort George	100
NORTH ISLAND	23	Alberni-Clayoquot	100
NORTH ISLAND	25	Comox Strathcona	100
NORTH ISLAND	43	Mount Waddington	100
NORTH ISLAND	45	Central Coast	100
NORTHERN LIGHTS	49	Kitimat Stikine	2
NORTHERN LIGHTS	55	Peace River	100
NORTHERN LIGHTS	57	Stikine	100
NORTHERN LIGHTS	59	Northern Rockies	100
NORTHWEST	47	Skeena-Queen Charlotte	100
NORTHWEST	49	Kitimat Stikine	98
NORTHWEST	51	Bulkley Nechako	39
OKANAGAN	7	Okanagan-Similkameen	100
OKANAGAN	35	Central Okanagan	100
OKANAGAN	37	North Okanagan	100
OKANAGAN	39	Columbia Shushwap	85
ROCKIES	1	East Kootenay	100
ROCKIES	3	Central Kootenays	20
ROCKIES	39	Columbia Shushwap	15
SELKIRK	3	Central Kootenays	80
SELKIRK	5	Kootenay Boundary	100
THOMPSON RIVERS	31	Squamish Lillooet	13
THOMPSON RIVERS	33	Thompson Nicola	100
THOMPSON RIVERS	41	Cariboo	63

Appendix 4

Projected Annual Growth Rates in Occupational Demand (3-digit)

Fraser Valley College Region

Projected Annual Growth Rates in Occupational Demand

	Estimated Employment	Average Annual % Change			Avg Annual % Chg Over 4 Years
	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
All occupations	120,271	1.8	2.2	2.8	2.0
A01.001 Legislators and Senior Management	1,505	1.7	2.0	2.5	1.9
A11.011 Administrative Services Managers	877	1.7	1.7	3.1	1.7
A12.021 Managers in Engineering, Architecture, Science & Information Systems	411	1.4	1.7	2.8	1.6
A13.061 Sales, Marketing and Advertising Managers	985	1.3	1.1	3.6	1.2
A14.072 Facility Operation and Maintenance Managers	369	1.8	1.7	3.0	1.8
A21.062 Managers in Retail Trade	3,064	1.8	1.1	5.2	1.4
A22.063 Managers in Food Service and Accommodation	1,427	1.5	2.0	4.4	1.8
A30.012 Managers in Financial and Business Services	766	1.4	0.6	4.0	1.0
A31.013 Managers in Communication (Except Broadcasting)	65	1.7	2.0	1.7	1.9
A32.031 Managers in Health, Education, Social and Community Services	598	2.7	2.8	3.4	2.8
A33.041 Managers in Public Administration	95	2.0	2.0	2.5	2.1
A34.051 Managers in Art, Culture, Recreation and Sport	113	1.8	1.9	2.4	1.9
A35.064 Managers in Protective Service	121	1.9	2.0	2.0	2.0
A36.065 Managers in Other Services	172	2.2	2.2	3.8	2.3
A37.071 Managers in Construction and Transportation	1,646	2.0	5.7	-4.8	4.0
A38.081 Managers in Primary Production (Except Agriculture)	93	1.4	0.9	1.5	1.1
A39.091 Managers in Manufacturing and Utilities	637	1.4	1.2	5.5	1.3
B01.111 Auditors, Accountants and Investment Professionals	2,540	1.5	1.3	3.2	1.4
B02.112 Human Resources and Business Service Professionals	578	1.7	1.7	2.9	1.7
B11.123 Finance and Insurance Administrative Occupations	1,970	1.6	1.8	2.5	1.8
B21.124 Secretaries, Records and Transcriptionists	2,551	2.0	2.4	2.4	2.3
B31.122 Administrative and Regulatory Occupations	2,112	1.8	2.2	2.5	2.1
B41.121 Clerical Supervisors	411	1.7	1.4	3.5	1.6
B51.141 Clerical Occupations, General Office Skills	3,187	2.0	2.2	3.0	2.1
B52.142 Office Equipment Operators	372	1.7	1.6	3.3	1.7
B53.143 Finance and Insurance Clerks	2,389	1.6	1.2	3.5	1.4
B54.144 Administrative Support Clerks	624	2.0	2.1	3.1	2.1
B55.145 Library Correspondence and Related Information Clerks	1,112	1.8	1.5	3.3	1.6

Fraser Valley College Region

Projected Annual Growth Rates in Occupational Demand

	Estimated Employment	Average Annual % Change			Avg Annual % Chg Over 4 Years
	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
B56.146 Mail and Message Distribution Occupations	539	2.1	2.1	2.9	2.1
B57.147 Recording, Scheduling and Distributing Occupations	1,337	1.8	1.4	3.9	1.6
C01.211 Physical Science Professionals	173	1.9	1.7	2.5	1.8
C02.212 Life Science Professionals	378	1.5	1.4	2.5	1.5
C03.213 Civil, Mechanical, Electrical and Chemical Engineers	792	1.5	2.1	2.2	1.8
C04.214 Other Engineers	397	1.7	1.7	3.3	1.7
C05.215 Architects, Urban Planners and Land Surveyors	349	1.5	2.3	1.2	1.9
C06.216 Mathematicians, Statisticians and Actuaries	29	1.6	1.8	2.6	1.7
C07.217 Computer and Information Systems Professionals	1,876	1.5	1.5	2.9	1.5
C11.221 Technical Occupations in Physical Sciences	115	1.9	1.6	2.1	1.8
C12.222 Technical Occupations in Life Sciences	516	1.5	1.3	2.5	1.4
C13.223 Technical Occupations in Civil, Mechanical & Industrial Engineering	388	1.6	4.1	-1.5	2.9
C14.224 Technical Occupations in Electronics and Electrical Engineering	646	1.7	2.0	3.2	1.9
C15.225 Technical Occupations in Architecture, Drafting, Surveying & Mapping	488	1.4	1.9	2.4	1.7
C16.226 Other Technical Inspectors and Regulatory Officers	224	1.8	2.5	1.2	2.2
C17.227 Transportation Officers and Controllers	269	2.2	2.3	2.3	2.3
C18.228 Technical Occupations in Computer and Information Systems	626	1.7	1.5	3.3	1.6
D01.311 Physicians Dentists and Veterinarians	752	2.9	3.2	4.3	3.1
D02.312 Optometrists, Chiropractors & Other Health Diagnosing/Treating Profs.	100	2.9	3.1	4.5	3.1
D03.313 Pharmacists, Dietitians and Nutritionists	277	2.2	1.7	5.2	2.0
D04.314 Therapy and Assessment Professionals	342	3.0	3.2	4.4	3.2
D11.315 Nurse Supervisors and Registered Nurses	1,668	3.0	3.3	4.4	3.2
D21.321 Medical Technologists and Technicians (Except Dental Health)	626	2.7	2.9	4.2	2.9
D22.322 Technical Occupations in Dental Health Care	208	2.3	2.7	5.6	2.6
D23.323 Other Technical Occupations in Health Care (Except Dental)	775	2.8	2.9	4.4	2.9
D31.341 Assisting Occupations in Support of Health Services	1,606	2.9	3.1	4.6	3.1
E01.411 Judges, Lawyers and Quebec Notaries	637	1.4	1.6	2.5	1.5
E02.415 Psychologists, Social Workers, Counsellors, Clergy & Probation Officers	982	2.7	2.7	4.2	2.8
E03 Policy and program officers researchers and consultants	923	1.9	2.0	2.9	2.0
E11.412 University Professors and Assistants	552	2.7	2.6	2.8	2.7

Fraser Valley College Region

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	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
E12.413 College and Other Vocational Instructors	660	2.6	2.5	2.9	2.6
E13.414 Secondary and Elementary School Teachers & Educational Counsellors	2,937	2.7	2.6	2.8	2.7
E21.421 Paralegals, Social Services Workers & Occupations in Education & Religion n.e.c.	2,494	2.7	2.8	3.9	2.8
F01 Librarians, archivists, conservators and curators	75	1.8	1.9	1.8	1.9
F02.512 Writing, Translating and Public Relations Professionals	485	1.7	1.7	2.6	1.7
F03.513 Creative and Performing Artists	579	2.1	2.0	2.3	2.1
F11.521 Technical Occupations in Libraries, Archives Museums & Art Galleries	102	2.0	2.1	1.7	2.1
F12.522 Photographers, Graphic Arts Technicians & Technical & coordinating Occupations in Motion Pictures Broadcasting & Performing	325	1.5	1.7	2.3	1.6
F13.523 Announcers and Other Performers	64	1.7	1.8	2.3	1.8
F14.524 Creative Designers and Craftspersons	836	1.3	1.5	4.0	1.4
F15.525 Athletes, Coaches, Referees and Related Occupations	481	2.1	2.1	2.6	2.1
G01.621 Sales and Service Supervisors	759	1.8	1.6	4.6	1.7
G11.641 Sales Representatives, Wholesale Trade	1,114	1.2	0.7	3.8	0.9
G12.622 Technical Sales Specialists, Wholesale Trade	357	1.0	1.0	4.1	1.0
G13.623 Insurance and Real Estate Sales Occupations and Buyers	648	1.4	0.6	4.2	1.0
G21.642 Retail Salespersons and Sales Clerks	4,921	1.7	1.0	5.3	1.4
G31.661 Cashiers	2,139	1.8	1.0	5.3	1.4
G41.624 Chefs and Cooks	1,786	1.7	2.1	4.3	1.9
G51.645 Occupations in Food and Beverage Service	2,236	1.5	2.0	4.4	1.8
G61.626 Police Officers and Fire-fighters	588	1.9	2.0	1.9	2.0
G62.646 Other Occupations in Protective Service	487	1.9	1.9	2.3	2.0
G63.665 Security Guards and Related Occupations	153	1.8	1.8	3.7	1.9
G71.643 Occupations in Travel and Accommodation	564	2.0	2.3	3.1	2.2
G72.644 Tour and Recreational Guides and Casino Occupations	135	1.7	1.8	2.0	1.8
G73.667 Other Occupations in Travel Accommodation, Amusement & Recreation	137	1.7	2.0	2.6	1.9
G81.647 Childcare and Home Support Workers	2,287	2.8	2.8	4.2	2.9
G91.627 Technical Occupations in Personal Service	647	2.7	2.3	5.4	2.5
G92.648 Other Occupations in Personal Service	372	2.3	1.9	5.1	2.1

Fraser Valley College Region

Projected Annual Growth Rates in Occupational Demand

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	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
G93.666 Cleaners	1,900	2.1	2.4	3.6	2.3
G94.625 Butchers and Bakers	670	2.7	1.1	3.6	1.9
G96.664 Food Counter Attendants, Kitchen Helpers & Related Occupations	2,264	1.7	2.1	4.3	1.9
G97.662 Other Sales and Related Occupations	1,819	1.7	0.9	5.5	1.3
G98.668 Other Elemental Service Occupations	330	2.4	2.3	4.8	2.4
H01.721 Contractors and Supervisors, Trades and Related Workers	1,092	1.8	5.2	-3.6	3.6
H02.722 Supervisors, Railway and Motor Transportation Occupations	78	2.3	2.4	2.2	2.4
H11.725 Plumbers, Pipefitters and Gas Fitters	704	2.0	5.9	-5.5	4.1
H12.727 Carpenters and Cabinetmakers	2,185	1.8	5.8	-4.7	3.9
H13.728 Masonry and Plastering Trades	797	1.9	6.6	-6.5	4.4
H14.729 Other Construction Trades	1,352	2.0	6.3	-5.8	4.2
H21.724 Electrical Trades and Telecommunications Occupations	1,230	1.8	4.8	-3.4	3.4
H22.735 Stationary Engineers and Power Station and System Operators	86	1.8	1.6	3.0	1.7
H31.723 Machinists and Related Occupations	272	0.9	1.4	7.0	1.1
H32.726 Metal Forming, Shaping and Erecting Trades	1,039	1.4	3.3	1.4	2.4
H41.731 Machinery & Transportation Equipment Mechanics (Except Motor Vehicle)	1,193	1.5	2.5	1.5	2.0
H42.732 Automotive service technicians	1,209	2.3	1.9	5.0	2.1
H43.733 Other Mechanics	192	2.2	2.1	4.1	2.2
H51.734 Upholsterers, Tailors, Shoe Repairers, Jewellers & Related Occupations	272	1.6	1.6	6.5	1.6
H52.738 Printing Press Operators, Commercial Divers & Other Trades & Related Occupations n.e.c.	275	0.9	1.4	5.6	1.2
H53.744 Other installers repairers and servicers	555	1.8	3.4	0.0	2.7
H61.742 Heavy Equipment Operators	796	1.8	5.1	-4.3	3.6
H62.737 Crane Operators Drillers and Blasters	154	1.8	5.0	-4.0	3.5
H71.741 Motor Vehicle and Transit Drivers	4,243	2.4	2.3	2.3	2.4
H72.736 Train Crew Operating Occupations	116	2.0	2.4	2.0	2.2
H73.743 Other Transport Equipment Operators and Related Workers	232	2.1	2.3	2.2	2.3
H81.745 Longshore Workers and Material Handlers	1,329	1.6	1.4	3.5	1.6
H82.761 Trades Helpers and Labourers	1,212	1.9	6.0	-5.4	4.1

Fraser Valley College Region

Projected Annual Growth Rates in Occupational Demand

	Estimated Employment	Average Annual % Change			Avg Annual % Chg Over 4 Years
	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
H83.762 Public Works and Other Labourers n.e.c.	153	2.0	2.9	0.3	2.5
I01.825 Contractors, Operators & Supervisors in Agriculture, Horticulture & Aquaculture	4,000	0.9	0.5	4.3	0.7
I02.843 Agriculture and Horticulture Workers	3,324	0.9	0.4	4.3	0.7
I11.821 Supervisors, Logging and Forestry	80	1.2	0.5	1.8	0.8
I12.822 Supervisors, Mining Oil and Gas	35	1.5	1.3	1.4	1.4
I13.823 Underground Miners, Oil and Gas Drillers and Related Workers	28	2.8	1.1	0.6	2.0
I14.841 Mine Service Workers and Operators in Oil and Gas Drilling	24	3.8	2.4	-1.3	3.2
I15.824 Logging Machinery Operators	123	1.3	0.6	0.9	1.0
I16.842 Logging and Forestry Workers	183	1.6	0.3	0.2	0.9
I17.826 Fishing Vessel Masters and Skippers and Fishermen/women	27	1.6	1.4	6.7	1.5
I18.844 Other Fishing and Trapping Occupations	-	-	-	-	-
I21.861 Primary Production Labourers	1,044	1.3	0.9	3.0	1.1
J01.921 Supervisors, Processing Occupations	318	2.0	1.1	3.6	1.6
J02.922 Supervisors, Assembly and Fabrication	158	0.8	1.4	6.3	1.1
J11.923 Central Control & Process Operators in Manufacturing & Processing	61	8.3	1.3	0.5	4.9
J12.941 Machine Operators & Related Workers in Metal & Mineral Products Processing	170	0.9	1.9	4.3	1.4
J13.942 Machine Operators & Related Workers in Chemical, Plastic & Rubber Processing	56	1.2	1.2	3.4	1.2
J14.943 Machine Operators & Related Workers in Pulp & Paper Production & Wood Processing	841	0.5	0.9	4.9	0.7
J15.944 Machine Operators and Related Workers in Textile Processing	36	0.9	1.1	6.7	1.0
J16.945 Machine Operators and Related Workers in Fabric, Fur & Leather Products Manufacturing	321	0.8	1.3	7.8	1.1
J17.946 Machine Operators & Related Workers in Food, Beverage & Tobacco Processing	357	4.0	1.3	0.9	2.7
J18.947 Printing Machine Operators and Related Occupations	261	1.4	1.5	6.4	1.5
J19.951 Machining, Metalworking, Woodworking & Related Machine Operators	256	0.7	1.2	6.1	1.0
J21.948 Mechanical Electrical and Electronics Assemblers	332	0.8	1.4	7.1	1.2

Fraser Valley College Region

Projected Annual Growth Rates in Occupational Demand

	Estimated Employment	Average Annual % Change			Avg Annual % Chg Over 4 Years
	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
J22.949 Other Assembly and Related Occupations	719	0.9	1.7	5.5	1.3
J31.961 Labourers in Processing Manufacturing and Utilities	1,996	1.5	1.1	4.1	1.3

Appendix 5

Projected Annual Growth Rates in Occupational Demand (4-digit)

Fraser Valley College Region

Projected Annual Growth Rates in Occupational Demand

	Estimated Employment	Average Annual % Change			Avg Annual % Chg Over 4 Years
	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
All occupations	120,271	1.8	2.2	2.8	2.0
A Management occupations	12,942	1.7	2.1	2.8	1.9
A0 Senior management occupations	1,506	1.7	2.0	2.5	1.9
A01.001 Legislators and Senior Management	1,505	1.7	2.0	2.5	1.9
A011.0011 Legislators	54	2.0	2.1	2.1	2.1
A012.0012 Senior Government Managers and Officials	155	1.9	2.0	2.1	2.0
A013.0013 Senior Managers - Financial, Communications and Other Business Services	393	1.3	1.2	3.0	1.3
A014.0014 Senior Managers - Health, Education, Social and Community Services and Membership Organizations	159	2.8	2.8	4.5	2.9
A015.0015 Senior Managers - Trade, Broadcasting and Other Services n.e.c.	309	1.2	0.7	4.4	1.0
A016.0016 Senior Managers - Goods Production, Utilities, Transportation and Construction	433	1.7	3.3	0.3	2.6
A1 Specialist managers	2,647	1.5	1.5	3.2	1.5
A11.011 Administrative Services Managers	877	1.7	1.7	3.1	1.7
A111.0111 Financial Managers	439	1.6	1.5	3.1	1.6
A112.0112 Human Resources Managers	161	1.9	1.7	3.3	1.9
A113.0113 Purchasing Managers	50	1.3	1.4	4.1	1.4
A114.0114 Other Administrative Services Managers	225	1.8	2.0	2.9	2.0
A12.021 Managers in Engineering, Architecture, Science and Information Systems	411	1.4	1.7	2.8	1.6
A121.0211 Engineering Managers	116	1.3	2.1	2.6	1.7
A122.0213 Computer and Information Systems Managers	253	1.5	1.5	3.0	1.5
A123.0212 Architecture and Science Managers	39	1.6	2.0	2.2	1.8
A13.061 Sales, Marketing and Advertising Managers	985	1.3	1.1	3.6	1.2
A131.0611 Sales, Marketing and Advertising Managers	985	1.3	1.1	3.6	1.2
A14.072 Facility Operation and Maintenance Managers	369	1.8	1.7	3.0	1.8
A141.0721 Facility Operation and Maintenance Managers	373	1.8	1.7	3.0	1.8

Fraser Valley College Region

Projected Annual Growth Rates in Occupational Demand

	Estimated Employment	Average Annual % Change			Avg Annual % Chg Over 4 Years
	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
A2 Managers in retail trade, food and accommodation services	4,487	1.7	1.4	4.9	1.5
A21.062 Managers in Retail Trade	3,064	1.8	1.1	5.2	1.4
A211.0621 Retail Trade Managers	3,062	1.8	1.1	5.2	1.4
A22.063 Managers in Food Service and Accommodation	1,427	1.5	2.0	4.4	1.8
A221.0631 Restaurant and Food Service Managers	1,062	1.5	2.0	4.4	1.8
A222.0632 Accommodation Service Managers	364	1.5	2.1	4.3	1.8
A3 Other managers n.e.c.	4,303	1.9	3.2	0.4	2.6
A30.012 Managers in Financial and Business Services	766	1.4	0.6	4.0	1.0
A301.0121 Insurance, Real Estate and Financial Brokerage Managers	195	1.4	0.9	3.3	1.2
A302.0122 Banking, Credit and Other Investment Managers	505	1.3	0.3	4.5	0.8
A303.0123 Other Business Services Managers	67	1.6	1.9	2.5	1.8
A31.013 Managers in Communication (Except Broadcasting)	65	1.7	2.0	1.7	1.9
A311.0131 Telecommunication Carriers Managers	55	1.6	1.9	1.6	1.8
A312.0132 Postal and Courier Services Managers	-	-	-	-	-
A32.031 Managers in Health, Education, Social and Community Services	598	2.7	2.8	3.4	2.8
A321.0311 Managers in Health Care	167	2.9	3.2	4.2	3.1
A322.0312 Administrators - Post-Secondary Education and Vocational Training	122	2.7	2.6	2.8	2.7
A323.0313 School Principals and Administrators of Elementary and Secondary Education	212	2.7	2.6	2.8	2.7
A324.0314 Managers in Social, Community and Correctional Services	97	2.6	2.7	4.1	2.7
A33.041 Managers in Public Administration	95	2.0	2.0	2.5	2.1
A331.0411 Government Managers - Health and Social Policy Development and Program Administration	35	2.2	2.2	2.8	2.3
A332.0412 Government Managers - Economic Analysis, Policy Development and Program Administration	32	1.8	1.8	2.4	1.9
A333.0413 Government Managers - Education Policy Development and Program Administration	-	-	-	-	-
A334.0414 Other Managers in Public Administration	21	1.9	2.0	2.1	2.0
A34.051 Managers in Art, Culture, Recreation and Sport	113	1.8	1.9	2.4	1.9

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Projected Annual Growth Rates in Occupational Demand

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	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
A341.0511 Library, Archive, Museum and Art Gallery Managers	19	1.7	2.0	2.0	1.9
A342.0512 Managers - Publishing, Motion Pictures, Broadcasting and Performing Arts	43	1.6	1.7	2.3	1.7
A343.0513 Recreation and Sports Program and Service Directors	53	2.0	2.0	2.5	2.1
A35.064 Managers in Protective Service	121	1.9	2.0	2.0	2.0
A351.0641 Commissioned Police Officers	21	1.9	2.0	2.0	2.0
A352.0642 Fire Chiefs and Senior Fire-fighting Officers	20	1.8	1.8	2.1	1.8
A353.0643 Commissioned Officers, Armed Forces	80	1.9	2.0	2.0	2.0
A36.065 Managers in Other Services	172	2.2	2.2	3.8	2.3
A361.0651 Other Services Managers	171	2.2	2.2	3.8	2.3
A37.071 Managers in Construction and Transportation	1,646	2.0	5.7	-4.8	4.0
A371.0711 Construction Managers	932	1.9	6.4	-6.3	4.3
A372.0712 Residential Home Builders and Renovators	401	2.0	6.6	-6.7	4.4
A373.0713 Transportation Managers	312	2.5	2.4	2.4	2.5
A38.081 Managers in Primary Production (Except Agriculture)	93	1.4	0.9	1.5	1.1
A381.0811 Primary Production Managers (Except Agriculture)	94	1.4	0.9	1.5	1.1
A39.091 Managers in Manufacturing and Utilities	637	1.4	1.2	5.5	1.3
A391.0911 Manufacturing Managers	590	1.4	1.3	5.8	1.4
A392.0912 Utilities Managers	47	2.0	1.0	1.2	1.5
B Business, finance and administrative occupations	19,734	1.8	1.8	3.0	1.8
B0 Professional occupations in business and finance	3,120	1.5	1.3	3.1	1.5
B01.111 Auditors, Accountants and Investment Professionals	2,540	1.5	1.3	3.2	1.4
B011.1111 Financial Auditors and Accountants	1,525	1.5	1.7	2.6	1.7
B012.1112 Financial and Investment Analysts	201	1.7	0.9	3.5	1.3
B013.1113 Securities Agents, Investment Dealers and Brokers	271	1.4	0.3	4.4	0.9
B014.1114 Other Financial Officers	544	1.4	0.5	4.2	1.0
B02.112 Human Resources and Business Service Professionals	578	1.7	1.7	2.9	1.7
B021.1121 Specialists in Human Resources	231	2.2	1.9	3.4	2.1
B022.1122 Professional Occupations in Business Services to Management	348	1.4	1.6	2.6	1.5

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B1 Finance and insurance administration occupations	1,975	1.6	1.8	2.5	1.7
B11.123 Finance and Insurance Administrative Occupations	1,970	1.6	1.8	2.5	1.8
B111.1231 Bookkeepers	1,384	1.7	2.3	1.9	2.0
B112.1232 Loan Officers	178	1.4	0.4	4.4	0.9
B113.1233 Insurance Adjusters and Claims Examiners	262	1.4	0.4	4.3	0.9
B114.1234 Insurance Underwriters	67	1.4	0.3	4.4	0.9
B115.1235 Assessors, Valuers and Appraisers	52	1.8	1.7	2.4	1.8
B116.1236 Customs, Ship and Other Brokers	32	2.1	2.0	3.1	2.1
B2 Secretaries	2,555	2.0	2.4	2.4	2.3
B21.124 Secretaries, Records and Transcriptionists	2,551	2.0	2.4	2.4	2.3
B211.1241 Secretaries (Except Legal and Medical)	1,766	2.0	2.5	2.0	2.3
B212.1242 Legal Secretaries	463	1.4	1.6	2.5	1.5
B213.1243 Medical Secretaries	288	3.0	3.2	4.4	3.2
B214.1244 Court Recorders and Medical Transcriptionists	36	2.7	3.0	4.0	3.0
B3 Administrative and regulatory occupations	2,115	1.8	2.2	2.5	2.1
B31.122 Administrative and Regulatory Occupations	2,112	1.8	2.2	2.5	2.1
B311.1221 Administrative Officers	1,366	1.9	2.3	2.5	2.1
B312.1222 Executive Assistants	171	1.8	2.0	2.7	1.9
B313.1223 Personnel and Recruitment Officers	63	2.0	2.1	2.7	2.1
B314.1224 Property Administrators	93	1.8	3.0	0.4	2.4
B315.1225 Purchasing Agents and Officers	168	1.4	1.7	3.8	1.6
B316.1226 Conference and Event Planners	72	1.9	1.9	3.5	1.9
B317.1227 Court Officers and Justices of the Peace	26	1.9	2.0	2.0	2.0
B318.1228 Immigration, Employment Insurance and Revenue Officers	149	1.9	2.0	2.0	2.0
B4 Clerical supervisors	410	1.7	1.4	3.5	1.6
B41.121 Clerical Supervisors	411	1.7	1.4	3.5	1.6
B411.1211 Supervisors, General Office & Administrative Support Clerks	98	2.0	1.9	3.1	2.0
B412.1212 Supervisors, Finance and Insurance Clerks	128	1.6	0.9	3.9	1.3
B413.1213 Supervisors, Library Correspondence and Related Information	53	1.7	1.6	2.7	1.7
B414.1214 Supervisors, Mail and Message Distribution Occupations	27	2.3	2.5	2.3	2.4

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Projected Annual Growth Rates in Occupational Demand

	Estimated Employment	Average Annual % Change			Avg Annual % Chg Over 4 Years
	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
B415.1215 Supervisors, Recording, Distributing and Scheduling Occupations	100	1.6	1.3	4.1	1.4
B5 Clerical occupations	9,559	1.9	1.7	3.3	1.8
B51.141 Clerical Occupations, General Office Skills	3,187	2.0	2.2	3.0	2.1
B511.1411 General Office Clerks	2,015	1.9	2.1	2.6	2.0
B513.1413 Records Management and Filing Clerks	147	2.2	2.2	3.5	2.3
B514.1414 Receptionists and Switchboard Operators	1,026	2.2	2.3	3.8	2.3
B52.142 Office Equipment Operators	372	1.7	1.6	3.3	1.7
B522.1422 Data Entry Clerks	301	1.7	1.6	3.2	1.7
B523.1423 Desktop Publishing Operators and Related Occupations	36	1.2	1.5	4.8	1.4
B524.1424 Telephone Operators	37	1.7	1.7	2.3	1.7
B53.143 Finance and Insurance Clerks	2,389	1.6	1.2	3.5	1.4
B531.1431 Accounting and Related Clerks	1,027	1.7	1.8	2.8	1.8
B532.1432 Payroll Clerks	227	1.9	2.1	2.8	2.0
B533.1433 Customer Service Representatives - Financial Services	806	1.4	0.3	4.5	0.8
B534.1434 Banking, Insurance and Other Financial Clerks	254	1.4	0.4	4.3	0.9
B535.1435 Collectors	80	2.2	1.1	3.4	1.7
B54.144 Administrative Support Clerks	624	2.0	2.1	3.1	2.1
B541.1441 Administrative Clerks	522	2.1	2.1	3.1	2.1
B542.1442 Personnel Clerks	66	2.2	2.2	3.4	2.2
B543.1443 Court Clerks	36	1.9	2.0	2.0	2.0
B55.145 Library, Correspondence and Related Information Clerks	1,112	1.8	1.5	3.3	1.6
B551.1451 Library Clerks	52	1.9	1.9	1.8	1.9
B552.1452 Correspondence, Publication and Related Clerks	24	1.7	1.6	3.0	1.7
B553.1453 Customer Service, Information and Related Clerks	814	1.7	1.3	3.7	1.5
B554.1454 Survey Interviewers and Statistical Clerks	223	1.8	1.9	2.1	1.9
B56.146 Mail and Message Distribution Occupations	539	2.1	2.1	2.9	2.1
B561.1461 Mail, Postal and Related Clerks	204	2.2	2.2	2.6	2.3
B562.1462 Letter Carriers	175	2.4	2.6	2.2	2.6
B563.1463 Couriers, Messengers and Door-to-Door Distributors	160	1.7	1.3	4.0	1.6

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	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
B57.147 Recording, Scheduling and Distributing Occupations	1,337	1.8	1.4	3.9	1.6
B571.1471 Shippers and Receivers	647	1.6	1.1	4.3	1.4
B572.1472 Storekeepers and Parts Clerks	170	1.6	1.0	4.8	1.3
B573.1473 Production Clerks	64	2.3	1.6	4.2	2.0
B574.1474 Purchasing and Inventory Clerks	196	1.9	1.3	4.3	1.6
B575.1475 Dispatchers and Radio Operators	243	2.3	2.5	1.9	2.4
B576.1476 Transportation Route and Crew	17	2.2	2.1	3.0	2.2
C Natural and applied sciences and related occupations	7,269	1.6	1.9	2.4	1.8
C0 Professional occupations in natural and applied sciences	3,995	1.5	1.7	2.6	1.7
C01.211 Physical Science Professionals	173	1.9	1.7	2.5	1.8
C011.2111 Physicists and Astronomers	20	1.7	1.9	3.6	1.8
C012.2112 Chemists	68	2.3	1.8	2.8	2.1
C013.2113 Geologists, Geochemists and Geophysicists	68	1.6	1.6	2.0	1.6
C014.2114 Meteorologists	-	-	-	-	-
C015.2115 Other Professional Occupations in Physical Sciences	-	-	-	-	-
C02.212 Life Science Professionals	378	1.5	1.4	2.5	1.5
C021.2121 Biologists and Related Scientists	164	1.8	1.8	2.6	1.8
C022.2122 Forestry Professionals	175	1.4	1.2	2.1	1.3
C023.2123 Agricultural Representatives, Consultants and Specialists	40	1.4	1.1	3.3	1.3
C03.213 Civil, Mechanical, Electrical and Chemical Engineers	792	1.5	2.1	2.2	1.8
C031.2131 Civil Engineers	379	1.5	2.6	0.6	2.1
C032.2132 Mechanical Engineers	182	1.6	1.7	3.7	1.7
C033.2133 Electrical and Electronics Engineers	189	1.1	1.6	3.9	1.4
C034.2134 Chemical Engineers	40	3.8	1.4	2.7	2.6
C04.214 Other Engineers	397	1.7	1.7	3.3	1.7
C041.2141 Industrial and Manufacturing Engineers	47	1.0	1.8	4.8	1.4
C042.2142 Metallurgical and Materials Engineers	-	-	-	-	-
C043.2143 Mining Engineers	35	1.4	2.5	0.8	2.0
C044.2144 Geological Engineers	35	1.4	1.8	1.8	1.7
C045.2145 Petroleum Engineers	11	14.8	1.3	-0.1	8.2

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C046.2146 Aerospace Engineers	-	-	-	-	-
C047.2147 Computer Engineers (Except Software Engineers)	172	1.3	1.5	3.8	1.4
C048.2148 Other Professional Engineers n.e.c.	83	1.6	1.8	3.7	1.7
C05.215 Architects, Urban Planners and Land Surveyors	349	1.5	2.3	1.2	1.9
C051.2151 Architects	180	1.4	1.9	1.9	1.7
C052.2152 Landscape Architects	16	1.4	2.0	1.7	1.7
C053.2153 Urban and Land Use Planners	71	1.8	3.3	-0.8	2.6
C054.2154 Land Surveyors	79	1.5	2.2	1.2	1.9
C06.216 Mathematicians, Statisticians and Actuaries	29	1.6	1.8	2.6	1.7
C061.2161 Mathematicians, Statisticians and Actuaries	30	1.6	1.6	3.1	1.6
C07.217 Computer and Information Systems Professionals	1,876	1.5	1.5	2.9	1.5
C071.2171 Information Systems Analysts and Consultants	594	1.5	1.6	2.8	1.5
C072.2172 Database Analysts and Data Administrators	93	1.7	1.7	2.9	1.7
C073.2173 Software Engineers	256	1.3	1.5	3.1	1.4
C074.2174 Computer Programmers and Interactive Media Developers	677	1.5	1.5	2.9	1.5
C075.2175 Web Designers and Developers	256	1.4	1.6	2.6	1.6
C1 Technical occupations related to natural and applied sciences	3,277	1.7	2.1	2.2	1.9
C11.221 Technical Occupations in Physical Sciences	115	1.9	1.6	2.1	1.8
C111.2211 Chemical Technologists and Technicians	70	2.2	1.5	2.2	1.9
C112.2212 Geological and Mineral Technologists and Technicians	38	1.6	1.6	1.7	1.6
C113.2213 Meteorological Technicians	-	-	-	-	-
C12.222 Technical Occupations in Life Sciences	516	1.5	1.3	2.5	1.4
C121.2221 Biological Technologists and Technicians	144	1.3	1.2	3.4	1.3
C122.2222 Agricultural and Fish Products Inspectors	39	1.7	1.3	2.8	1.5
C123.2223 Forestry Technologists and Technicians	205	1.4	1.0	1.9	1.3
C124.2224 Conservation and Fishery Officers	54	1.9	1.9	2.1	2.0
C125.2225 Landscape and Horticultural Technicians and Specialists	75	1.3	1.5	2.4	1.5
C13.223 Technical Occupations in Civil, Mechanical and Industrial Engineering	388	1.6	4.1	-1.5	2.9
C131.2231 Civil Engineering Technologists and Technicians	87	1.6	2.8	0.2	2.3

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	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
C132.2232 Mechanical Engineering Technologists and Technicians	73	1.9	2.4	2.5	2.2
C133.2233 Industrial Engineering and Manufacturing Technologists and Technicians	47	1.1	1.9	4.4	1.5
C134.2234 Construction Estimators	180	1.8	5.9	-5.3	4.0
C14.224 Technical Occupations in Electronics & Electrical Engineering	646	1.7	2.0	3.2	1.9
C141.2241 Electrical and Electronics Engineering Technologists and Technicians	216	1.3	1.6	4.4	1.5
C142.2242 Electronic Service Technicians (Household and Business Equipment)	352	1.7	2.2	2.7	2.0
C143.2243 Industrial Instrument Technicians and Mechanics	40	3.4	2.0	1.7	2.8
C144.2244 Aircraft Instrument Electrical and Avionics Mechanics, Technicians and Inspectors	42	2.0	2.2	3.0	2.2
C15.225 Technical Occupations in Architecture, Drafting, Surveying and Mapping	488	1.4	1.9	2.4	1.7
C151.2251 Architectural Technologists and Technicians	54	1.4	2.1	1.8	1.8
C152.2252 Industrial Designers	47	1.2	1.9	3.6	1.5
C153.2253 Drafting Technologists and Technicians	270	1.4	2.0	2.4	1.7
C154.2254 Land Survey Technologists and Technicians	26	1.5	2.4	0.7	2.0
C155.2255 Mapping and Related Technologists and Technicians	95	1.5	1.6	2.6	1.6
C16.226 Other Technical Inspectors and Regulatory Officers	224	1.8	2.5	1.2	2.2
C161.2261 Nondestructive Testers and Inspectors	20	1.2	1.5	3.8	1.3
C162.2262 Engineering Inspectors and Regulatory Officers	32	1.8	1.9	2.6	1.9
C163.2263 Inspectors in Public and Environmental Health and Occupational Health and Safety	89	1.9	2.4	1.8	2.2
C164.2264 Construction Inspectors	83	1.8	3.2	-0.5	2.5
C17.227 Transportation Officers and Controllers	269	2.2	2.3	2.3	2.3
C171.2271 Air Pilots, Flight Engineers and Flying Instructors	133	2.4	2.4	2.3	2.5
C172.2272 Air Traffic Control and Related Occupations	39	2.3	2.4	2.3	2.4
C173.2273 Deck Officers, Water Transport	54	2.0	2.2	2.2	2.1
C174.2274 Engineer Officers, Water Transport	24	1.9	2.2	2.5	2.1

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	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
C175.2275 Railway Traffic Controllers and Marine Traffic Regulators	18	2.0	2.2	2.2	2.1
C18.228 Technical Occupations in Computer and Information Systems	626	1.7	1.5	3.3	1.6
C181.2281 Computer and Network Operators and Web Technicians	327	1.8	1.5	3.2	1.7
C182.2282 User Support Technicians	242	1.7	1.5	3.3	1.6
C183.2283 Systems Testing Technicians	52	1.3	1.4	3.5	1.4
D Health occupations	6,353	2.8	3.0	4.5	3.0
D0 Professional occupations in health	1,471	2.8	2.9	4.5	2.9
D01.311 Physicians Dentists and Veterinarians	752	2.9	3.2	4.3	3.1
D011.3111 Specialist Physicians	164	3.0	3.3	4.4	3.2
D012.3112 General Practitioners and Family Physicians	350	3.0	3.3	4.5	3.3
D013.3113 Dentists	175	3.0	3.3	4.5	3.3
D014.3114 Veterinarians	62	1.4	1.6	2.5	1.5
D02.312 Optometrists, Chiropractors and Other Health Diagnosing and Treating Professionals	100	2.9	3.1	4.5	3.1
D021.3121 Optometrists	25	2.9	3.1	4.6	3.1
D022.3122 Chiropractors	50	3.0	3.3	4.5	3.3
D023.3123 Other Professional Occupations in Health Diagnosing and Treating	24	2.9	3.1	4.6	3.1
D03.313 Pharmacists, Dietitians and Nutritionists	277	2.2	1.7	5.2	2.0
D031.3131 Pharmacists	213	2.0	1.3	5.4	1.7
D032.3132 Dietitians and Nutritionists	63	2.9	3.0	4.3	3.0
D04.314 Therapy and Assessment Professionals	342	3.0	3.2	4.4	3.2
D041.3141 Audiologists and Speech-Language Pathologists	51	3.0	3.1	4.0	3.1
D042.3142 Physiotherapists	152	3.0	3.3	4.5	3.3
D043.3143 Occupational Therapists	82	3.0	3.3	4.4	3.3
D044.3144 Other Professional Occupations in Therapy and Assessment	57	2.9	3.1	4.3	3.1
D1 Nurse supervisors and registered nurses	1,666	3.0	3.3	4.4	3.2
D11.315 Nurse Supervisors and Registered Nurses	1,668	3.0	3.3	4.4	3.2
D111.3151 Head Nurses and Supervisors	56	3.0	3.2	4.4	3.2
D112.3152 Registered Nurses	1,608	3.0	3.3	4.4	3.2

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	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
D2 Technical and related occupations in health	1,610	2.7	2.9	4.5	2.9
D21.321 Medical Technologists and Technicians (Except Dental Health)	626	2.7	2.9	4.2	2.9
D211.3211 Medical Laboratory Technologists and Pathologists' Assistants	187	2.9	3.1	4.3	3.1
D212.3212 Medical Laboratory Technicians	144	2.9	3.1	4.4	3.1
D213.3213 Veterinary and Animal Health Technologists and Technicians	87	1.5	1.7	2.7	1.6
D214.3214 Respiratory Therapists, Clinical Perfusionists and Cardio- Pulmonary Technologists	43	2.9	3.1	4.5	3.1
D215.3215 Medical Radiation Technologists	99	3.0	3.2	4.5	3.2
D216.3216 Medical Sonographers	23	3.0	3.3	4.5	3.3
D217.3217 Cardiology Technologists	14	3.0	3.3	4.4	3.3
D218.3218 Electroencephalographic and Other Diagnostic Technologists n.e.c.	-	-	-	-	-
D219.3219 Other Medical Technologists and Technicians (Except Dental Health)	22	1.9	2.2	6.2	2.1
D22.322 Technical Occupations in Dental Health Care	208	2.3	2.7	5.6	2.6
D221.3221 Denturists	16	2.1	2.5	5.9	2.3
D222.3222 Dental Hygienists and Dental Therapists	111	3.0	3.3	4.5	3.3
D223.3223 Dental Technologists, Technicians and Laboratory Bench Workers	80	1.3	1.9	7.2	1.6
D23.323 Other Technical Occupations in Health Care (Except Dental)	775	2.8	2.9	4.4	2.9
D231.3231 Opticians	78	2.0	1.3	5.5	1.6
D232.3232 Midwives and Practitioners of Natural Healing	68	2.8	2.9	4.6	2.9
D233.3233 Licensed Practical Nurses	339	3.0	3.3	4.5	3.2
D234.3234 Ambulance Attendants and Other Paramedical Occupations	163	2.4	3.0	3.3	2.8
D235.3235 Other Technical Occupations in Therapy and Assessment	130	2.9	2.9	4.7	3.0
D3 Assisting occupations in support of health services	1,604	2.9	3.1	4.6	3.1
D31.341 Assisting Occupations in Support of Health Services	1,606	2.9	3.1	4.6	3.1
D311.3411 Dental Assistants	271	3.0	3.3	4.5	3.3
D312.3413 Nurse Aides, Orderlies and Patient Service Associates	975	3.0	3.3	4.4	3.3

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D313.3414 Other Assisting Occupations in Support of Health Services	355	2.4	2.3	5.0	2.4
E Occupations in social science, education, government service & religion	9,180	2.5	2.5	3.3	2.6
E0 Judges, lawyers, psychologists, social workers, ministers of religion and policy and program officers	2,537	2.1	2.2	3.3	2.2
E01.411 Judges, Lawyers and Quebec Notaries	637	1.4	1.6	2.5	1.5
E011.4111 Judges	15	1.9	2.0	2.0	2.0
E012.4112 Lawyers and Quebec Notaries	622	1.4	1.6	2.5	1.5
E02.415 Psychologists, Social Workers, Counsellors, Clergy and Probation Officers	982	2.7	2.7	4.2	2.8
E021.4151 Psychologists	105	2.9	3.0	3.9	3.0
E022.4152 Social Workers	309	2.6	2.8	3.7	2.8
E023.4153 Family, Marriage and Other Related Counsellors	279	2.8	3.0	4.3	3.0
E024.4154 Ministers of Religion	239	2.7	2.3	5.3	2.6
E025.4155 Probation and Parole Officers and Related Occupations	50	2.0	2.1	2.3	2.1
E03 Policy and program officers, researchers and consultants	923	1.9	2.0	2.9	2.0
E031.4161 Natural and Applied Science Policy Researchers, Consultants and Program Officers	111	1.6	1.7	2.6	1.7
E032.4162 Economists and Economic Policy Researchers and Analysts	41	1.6	1.6	2.5	1.7
E033.4163 Business Development Officers and Marketing Researchers and Consultants	249	1.6	1.5	2.9	1.6
E034.4164 Social Policy Researchers, Consultants & Program Officers	154	1.9	2.0	2.9	2.0
E035.4166 Education Policy Researchers Consultants & Program Officers	87	2.4	2.4	2.8	2.5
E036.4167 Recreation, Sports and Fitness Program Supervisors and Consultants	96	2.4	2.5	3.4	2.5
E037.4168 Program Officers Unique to Government	44	1.9	2.0	2.0	2.0
E038.4169 Other Professional Occupations in Social Science	28	1.8	1.8	2.7	1.8
E039.4165 Health Policy Researchers, Consultants & Program Officers	107	2.3	2.5	3.6	2.4
E1 Teachers and professors	4,149	2.7	2.6	2.8	2.7
E11.412 University Professors and Assistants	552	2.7	2.6	2.8	2.7

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E111.4121 University Professors	277	2.7	2.6	2.8	2.7
E112.4122 Post-Secondary Teaching and Research Assistants	275	2.6	2.5	2.8	2.6
E12.413 College and Other Vocational Instructors	660	2.6	2.5	2.9	2.6
E121.4131 College and Other Vocational Instructors	662	2.6	2.5	2.9	2.6
E13.414 Secondary and Elementary School Teachers and Educational Counsellors	2,937	2.7	2.6	2.8	2.7
E131.4141 Secondary School Teachers	1,161	2.7	2.6	2.8	2.7
E132.4142 Elementary School and Kindergarten Teachers	1,618	2.7	2.6	2.8	2.7
E133.4143 Educational Counsellors	155	2.7	2.6	2.9	2.7
E2 Paralegals, social services workers and occupations in education and religion n.e.c.	2,497	2.7	2.8	3.9	2.8
E21.421 Paralegals, Social Services Workers and Occupations in Education and Religion n.e.c.	2,494	2.7	2.8	3.9	2.8
E211.4211 Paralegal and Related Occupations	255	1.4	1.6	2.6	1.5
E212.4212 Community and Social Service Workers	722	2.8	2.9	4.1	2.9
E213.4213 Employment Counsellors	106	2.5	2.6	3.6	2.6
E214.4215 Instructors and Teachers of Persons with Disabilities	70	2.8	2.8	3.4	2.9
E215.4216 Other Instructors	282	2.6	2.5	2.9	2.6
E216.4217 Other Religious Occupations	50	2.7	2.3	5.1	2.6
E217.4214 Early Childhood Educators and Assistants	1,014	3.0	3.2	4.4	3.2
F Occupations in art, culture, recreation and sport	2,947	1.7	1.8	2.9	1.8
F0 Professional Occupations in Art and Culture	1,137	1.9	1.9	2.4	1.9
F01 Librarians, archivists, conservators and curators	75	1.8	1.9	1.8	1.9
F011.5111 Librarians	52	1.8	1.8	1.9	1.9
F012.5112 Conservators and Curators	14	1.8	2.2	1.0	2.0
F013.5113 Archivists	-	-	-	-	-
F02.512 Writing, Translating and Public Relations Professionals	485	1.7	1.7	2.6	1.7
F021.5121 Authors and Writers	139	1.6	1.7	2.1	1.6
F022.5122 Editors	58	1.6	1.6	2.2	1.7
F023.5123 Journalists	39	1.7	1.7	1.6	1.7

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F024.5124 Professional Occupations in Public Relations and Communications	181	1.8	1.8	3.2	1.9
F025.5125 Translators, Terminologists and Interpreters	73	1.6	1.9	2.6	1.8
F03.513 Creative and Performing Artists	579	2.1	2.0	2.3	2.1
F031.5131 Producers, Directors, Choreographers & Related Occupations	98	1.7	1.7	1.6	1.7
F032.5132 Conductors, Composers and Arrangers	16	1.9	1.8	2.7	1.9
F033.5133 Musicians and Singers	237	2.4	2.3	2.7	2.4
F034.5134 Dancers	56	2.6	2.5	2.7	2.6
F035.5135 Actors and Comedians	56	1.7	1.7	1.5	1.8
F036.5136 Painters, Sculptors and Other Visual Artists	113	1.7	1.7	2.1	1.7
F1 Technical occupations in art, culture, recreation and sport	1,809	1.6	1.8	3.2	1.7
F11.521 Technical Occupations in Libraries, Archives, Museums and Art Galleries	102	2.0	2.1	1.7	2.1
F111.5211 Library and Archive Technicians and Assistants	78	2.0	2.0	2.0	2.0
F112.5212 Technical Occupations Related to Museums and Art Galleries	25	1.8	2.6	0.5	2.3
F12.522 Photographers, Graphic Arts Technicians & Technical & coordinating Occupations in Motion Pictures, Broadcasting & Performing Arts	325	1.5	1.7	2.3	1.6
F121.5221 Photographers	113	1.4	1.6	2.6	1.5
F122.5222 Film and Video Camera Operators	22	1.6	1.6	1.4	1.6
F123.5223 Graphic Arts Technicians	35	1.3	1.8	3.7	1.6
F124.5224 Broadcast Technicians	11	1.9	1.9	2.0	1.9
F125.5225 Audio and Video Recording Technicians	37	1.6	1.6	2.5	1.6
F126.5226 Other Technical and Co-ordinating Occupations in Motion Pictures, Broadcasting and the Performing Arts	51	1.7	1.7	2.0	1.7
F127.5227 Support Occupations in Motion Pictures, Broadcasting and the Performing Arts	55	1.7	1.8	1.5	1.8
F13.523 Announcers and Other Performers	64	1.7	1.8	2.3	1.8
F131.5231 Announcers and Other Broadcasters	47	1.6	1.7	2.1	1.7
F132.5232 Other Performers	16	1.8	1.9	2.6	1.9
F14.524 Creative Designers and Craftspersons	836	1.3	1.5	4.0	1.4

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	Estimated Employment	Average Annual % Change			Avg Annual % Chg Over 4 Years
	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
F141.5241 Graphic Designers and Illustrators	357	1.3	1.6	3.4	1.5
F142.5242 Interior Designers	122	1.4	2.1	1.8	1.8
F143.5243 Theatre, Fashion, Exhibit and Other Creative Designers	74	1.4	1.5	3.6	1.5
F144.5244 Artisans and Craftspersons	271	1.1	1.3	6.0	1.2
F145.5245 Patternmakers - Textile, Leather and Fur Products	14	1.0	1.3	6.9	1.1
F15.525 Athletes, Coaches, Referees and Related Occupations	481	2.1	2.1	2.6	2.1
F151.5251 Athletes	12	1.7	1.6	1.3	1.7
F152.5252 Coaches	64	2.3	2.2	2.7	2.3
F153.5253 Sports Officials and Referees	33	2.1	1.9	2.7	2.0
F154.5254 Program Leaders and Instructors in Recreation and Sport	368	2.1	2.1	2.7	2.1
G Sales and service occupations	26,309	1.9	1.7	4.4	1.8
G0 Sales and service supervisors	757	1.8	1.6	4.6	1.7
G01.621 Sales and Service Supervisors	759	1.8	1.6	4.6	1.7
G011.6211 Retail Trade Supervisors	378	1.8	1.0	5.3	1.4
G012.6212 Food Service Supervisors	252	1.7	2.1	4.3	1.9
G013.6213 Executive Housekeepers	31	1.8	2.3	4.4	2.1
G014.6214 Dry Cleaning and Laundry Supervisors	11	2.5	2.2	5.3	2.4
G015.6215 Cleaning Supervisors	29	2.2	2.5	3.3	2.4
G016.6216 Other Service Supervisors	56	1.8	2.2	2.8	2.0
G1 Wholesale, technical, insurance, real estate sales specialists and retail, wholesale and grain buyers	2,117	1.2	0.7	4.0	1.0
G11.641 Sales Representatives, Wholesale Trade	1,114	1.2	0.7	3.8	0.9
G111.6411 Sales Representatives - Wholesale Trade (Non-Technical)	1,118	1.2	0.7	3.8	0.9
G12.622 Technical Sales Specialists, Wholesale Trade	357	1.0	1.0	4.1	1.0
G121.6221 Technical Sales Specialists - Wholesale Trade	354	1.0	1.0	4.1	1.0
G13.623 Insurance and Real Estate Sales Occupations and Buyers	648	1.4	0.6	4.2	1.0
G131.6231 Insurance Agents and Brokers	457	1.4	0.3	4.4	0.8
G132.6232 Real Estate Agents and Salespersons	28	1.9	4.2	-2.3	3.1
G133.6233 Retail and Wholesale Buyers	155	1.5	0.8	4.9	1.2
G134.6234 Grain Elevator Operators	-	-	-	-	-

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	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
G2 Retail salespersons and sales clerks	4,921	1.7	1.0	5.3	1.4
G21.642 Retail Salespersons and Sales Clerks	4,921	1.7	1.0	5.3	1.4
G211.6421 Retail Salespersons and Sales Clerks	4,920	1.7	1.0	5.3	1.4
G3 Cashiers	2,138	1.8	1.0	5.3	1.4
G31.661 Cashiers	2,139	1.8	1.0	5.3	1.4
G311.6611 Cashiers	2,140	1.8	1.0	5.3	1.4
G4 Chefs and cooks	1,786	1.7	2.1	4.3	1.9
G41.624 Chefs and Cooks	1,786	1.7	2.1	4.3	1.9
G411.6241 Chefs	330	1.6	2.0	4.3	1.8
G412.6242 Cooks	1,459	1.7	2.1	4.3	1.9
G5 Occupations in food and beverage service	2,238	1.5	2.0	4.4	1.8
G51.645 Occupations in Food and Beverage Service	2,236	1.5	2.0	4.4	1.8
G511.6451 Maîtres d'hôtel and Hosts/Hostesses	202	1.5	2.0	4.4	1.8
G512.6452 Bartenders	305	1.6	2.0	4.4	1.8
G513.6453 Food and Beverage Servers	1,730	1.5	2.1	4.4	1.8
G6 Occupations in protective services	1,226	1.9	2.0	2.3	2.0
G61.626 Police Officers and Fire-fighters	588	1.9	2.0	1.9	2.0
G611.6261 Police Officers (Except Commissioned)	388	1.9	2.0	1.9	2.0
G612.6262 Fire-fighters	201	1.9	2.0	2.0	2.0
G62.646 Other Occupations in Protective Service	487	1.9	1.9	2.3	2.0
G621.6461 Sheriffs and Bailiffs	34	1.8	1.9	2.1	1.9
G622.6462 Correctional Service Officers	156	1.9	2.1	2.0	2.0
G623.6463 By-law Enforcement and Other Regulatory Officers n.e.c.	53	2.1	2.0	3.0	2.1
G624.6464 Other Ranks Armed Forces	185	1.9	2.0	2.0	2.0
G625.6465 Other Protective Service Occupations	57	1.7	1.5	3.9	1.6
G63.665 Security Guards and Related Occupations	153	1.8	1.8	3.7	1.9
G631.6651 Security Guards and Related Occupations	152	1.8	1.8	3.6	1.9
G7 Occupations in travel and accommodation including attendants in recreation and sport	840	1.9	2.2	2.9	2.1
G71.643 Occupations in Travel and Accommodation	564	2.0	2.3	3.1	2.2

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	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
G711.6431 Travel Counsellors	27	2.2	2.1	3.1	2.2
G712.6432 Purser and Flight Attendants	160	2.4	2.5	2.3	2.5
G713.6433 Airline Sales and Service Agents	133	2.4	2.5	2.3	2.5
G714.6434 Ticket Agents, Cargo Service Representatives and Related Clerks (Except Airline)	31	2.2	2.4	2.5	2.3
G715.6435 Hotel Front Desk Clerks	216	1.5	2.0	4.4	1.8
G72.644 Tour and Recreational Guides and Casino Occupations	135	1.7	1.8	2.0	1.8
G721.6441 Tour and Travel Guides	37	1.8	2.0	2.6	1.9
G722.6442 Outdoor Sport and Recreational Guides	40	1.8	1.8	2.7	1.8
G723.6443 Casino Occupations	61	1.6	1.7	1.4	1.7
G73.667 Other Occupations in Travel, Accommodation, Amusement and Recreation	137	1.7	2.0	2.6	1.9
G731.6671 Operators and Attendants in Amusement, Recreation and Sport	79	1.7	1.8	1.9	1.8
G732.6672 Other Attendants in Accommodation and Travel	57	1.8	2.2	3.6	2.0
G8 Childcare and home support workers	2,288	2.8	2.8	4.2	2.9
G81.647 Childcare and Home Support Workers	2,287	2.8	2.8	4.2	2.9
G811.6471 Visiting Homemakers, Housekeepers & Related Occupations	835	2.9	3.1	4.4	3.1
G812.6472 Elementary and Secondary School Teacher Assistants	669	2.7	2.6	2.8	2.7
G814.6474 Babysitters, Nannies and Parents' Helpers	787	2.8	2.6	5.0	2.8
G9 Sales and service occupations n.e.c.	7,998	2.0	1.8	4.5	2.0
G91.627 Technical Occupations in Personal Service	647	2.7	2.3	5.4	2.5
G911.6271 Hairstylists and Barbers	621	2.7	2.3	5.4	2.5
G912.6272 Funeral Directors and Embalmers	26	2.7	2.3	5.4	2.5
G92.648 Other Occupations in Personal Service	372	2.3	1.9	5.1	2.1
G921.6481 Image, Social and Other Personal Consultants	24	2.2	1.7	5.1	1.9
G922.6482 Estheticians, Electrologists and Related Occupations	202	2.5	2.0	5.3	2.3
G923.6483 Pet Groomers and Animal Care Workers	131	2.1	1.7	4.8	1.9
G924.6484 Other Personal Service Occupations	15	2.4	2.1	4.8	2.3
G93.666 Cleaners	1,900	2.1	2.4	3.6	2.3

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	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
G931.6661 Light Duty Cleaners	788	2.0	2.4	4.2	2.3
G932.6662 Specialized Cleaners	212	2.1	2.1	3.7	2.2
G933.6663 Janitors, Caretakers and Building Superintendents	896	2.2	2.4	3.0	2.3
G94.625 Butchers and Bakers	670	2.7	1.1	3.6	1.9
G941.6251 Butchers and Meat Cutters - Retail and Wholesale	212	1.7	0.9	5.5	1.3
G942.6252 Bakers	458	3.1	1.2	2.8	2.2
G96.664 Food Counter Attendants, Kitchen Helpers and Related Occupations	2,264	1.7	2.1	4.3	1.9
G961.6641 Food Counter Attendants, Kitchen Helpers and Related Occupations	2,262	1.7	2.1	4.3	1.9
G97.662 Other Sales and Related Occupations	1,819	1.7	0.9	5.5	1.3
G971.6621 Service Station Attendants	284	1.7	0.9	5.6	1.3
G972.6622 Grocery Clerks and Store Shelf Stockers	1,124	1.7	0.9	5.6	1.3
G973.6623 Other Elemental Sales Occupations	405	1.7	1.1	4.8	1.4
G98.668 Other Elemental Service Occupations	330	2.4	2.3	4.8	2.4
G981.6681 Dry Cleaning and Laundry Occupations	160	2.6	2.5	4.9	2.6
G982.6682 Ironing, Pressing and Finishing Occupations	37	2.1	2.1	6.0	2.1
G983.6683 Other Elemental Service Occupations	134	2.2	2.0	4.4	2.1
H Trades, transport and equipment operators and related occupations	20,780	1.9	3.8	-0.8	3.0
H0 Contractors and supervisors in trades and transportation	1,178	1.8	5.0	-3.2	3.5
H01.721 Contractors and Supervisors, Trades and Related Workers	1,092	1.8	5.2	-3.6	3.6
H011.7211 Supervisors, Machinists and Related Occupations	29	1.0	1.6	6.2	1.3
H012.7212 Contractors and Supervisors, Electrical Trades and Telecommunications Occupations	105	1.8	5.5	-4.7	3.7
H013.7213 Contractors and Supervisors, Pipefitting Trades	55	2.0	6.0	-5.6	4.1
H014.7214 Contractors and Supervisors, Metal Forming, Shaping and Erecting Trades	62	1.5	4.0	-0.4	2.8
H015.7215 Contractors and Supervisors, Carpentry Trades	178	1.8	6.1	-5.5	4.1
H016.7216 Contractors and Supervisors, Mechanic Trades	115	1.8	2.4	2.8	2.1

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	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
H017.7217 Contractors and Supervisors, Heavy Construction Equipment Crews	266	1.9	5.6	-4.8	3.9
H018.7218 Supervisors, Printing and Related Occupations	43	1.0	1.4	7.2	1.2
H019.7219 Contractors and Supervisors, Other Construction Trades, Installers, Repairers and Servicers	243	1.9	6.4	-6.2	4.3
H02.722 Supervisors, Railway and Motor Transportation Occupations	78	2.3	2.4	2.2	2.4
H021.7221 Supervisors, Railway Transport Operations	27	2.0	2.3	2.1	2.2
H022.7222 Supervisors, Motor Transport & Other Ground Transit Operators	52	2.5	2.4	2.2	2.5
H1 Construction trades	5,040	1.9	6.0	-5.4	4.1
H11.725 Plumbers, Pipefitters and Gas Fitters	704	2.0	5.9	-5.5	4.1
H111.7251 Plumbers	466	1.9	6.2	-5.9	4.2
H112.7252 Steamfitters, Pipefitters and Sprinkler System Installers	165	2.1	5.5	-4.8	3.9
H113.7253 Gas Fitters	74	1.8	5.1	-4.1	3.5
H12.727 Carpenters and Cabinetmakers	2,185	1.8	5.8	-4.7	3.9
H121.7271 Carpenters	1,947	1.9	6.2	-5.7	4.1
H122.7272 Cabinetmakers	239	0.9	2.5	4.2	1.7
H13.728 Masonry and Plastering Trades	797	1.9	6.6	-6.5	4.4
H131.7281 Bricklayers	131	1.9	6.5	-6.3	4.3
H132.7282 Concrete Finishers	131	1.9	6.3	-5.7	4.2
H133.7283 Tilesetters	108	2.0	6.7	-6.7	4.5
H134.7284 Plasterers, Drywall Installers and Finishers and Lathers	427	2.0	6.7	-6.8	4.5
H14.729 Other Construction Trades	1,352	2.0	6.3	-5.8	4.2
H141.7291 Roofers and Shinglers	268	2.0	6.6	-6.5	4.4
H142.7292 Glaziers	127	1.9	4.9	-2.5	3.5
H143.7293 Insulators	83	1.9	6.3	-6.0	4.2
H144.7294 Painters and Decorators	649	2.0	6.3	-6.0	4.3
H145.7295 Floor Covering Installers	226	2.0	6.3	-6.0	4.3
H2 Stationary engineers, power station operators and electrical trades and telecommunications occupations	1,318	1.8	4.6	-3.0	3.3

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	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
H21.724 Electrical Trades and Telecommunications Occupations	1,230	1.8	4.8	-3.4	3.4
H211.7241 Electricians (Except Industrial and Power System)	721	2.0	6.0	-5.4	4.1
H212.7242 Industrial Electricians	218	1.3	3.2	0.2	2.3
H213.7243 Power System Electricians	23	1.5	2.9	-1.5	2.2
H214.7244 Electrical Power Line and Cable Workers	51	1.3	3.1	-2.1	2.3
H215.7245 Telecommunications Line and Cable Workers	66	1.7	3.6	-1.8	2.7
H216.7246 Telecommunications Installation and Repair Workers	112	1.7	2.2	0.9	2.0
H217.7247 Cable Television Service and Maintenance Technicians	36	1.8	3.5	-1.5	2.7
H22.735 Stationary Engineers and Power Station and System Operators	86	1.8	1.6	3.0	1.7
H221.7351 Stationary Engineers and Auxiliary Equipment Operators	66	1.9	1.8	3.1	1.9
H222.7352 Power Systems and Power Station Operators	17	1.4	1.3	1.8	1.4
H3 Machinists, metal forming, shaping and erecting occupations	1,310	1.3	2.9	2.5	2.1
H31.723 Machinists and Related Occupations	272	0.9	1.4	7.0	1.1
H311.7231 Machinists and Machining and Tooling Inspectors	240	0.9	1.4	7.0	1.1
H312.7232 Tool and Die Makers	29	0.9	1.4	7.6	1.2
H32.726 Metal Forming, Shaping and Erecting Trades	1,039	1.4	3.3	1.4	2.4
H321.7261 Sheet Metal Workers	188	1.5	4.7	-1.7	3.2
H322.7262 Boilermakers	33	1.6	3.1	1.9	2.4
H323.7263 Structural Metal and Platework Fabricators and Fitters	144	0.9	1.7	6.5	1.3
H324.7264 Ironworkers	107	1.7	5.5	-3.9	3.7
H325.7266 Blacksmiths and Die Setters	-	-	-	-	-
H326.7265 Welders and Related Machine Operators	559	1.4	2.9	2.2	2.2
H4 Mechanics	2,596	1.9	2.2	3.3	2.1
H41.731 Machinery and Transportation Equipment Mechanics (Except Motor Vehicle)	1,193	1.5	2.5	1.5	2.0
H411.7311 Construction Millwrights and Industrial Mechanics (Except Textile)	412	1.3	1.8	2.7	1.6
H412.7312 Heavy-Duty Equipment Mechanics	385	1.5	2.0	2.0	1.8
H413.7313 Refrigeration and Air Conditioning Mechanics	115	1.9	5.1	-3.4	3.6
H414.7314 Railway Carmen/women	40	2.0	2.3	2.2	2.2

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	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
H415.7315 Aircraft Mechanics and Aircraft Inspectors	154	2.0	2.2	3.4	2.2
H416.7316 Machine Fitters	35	0.9	1.4	6.2	1.1
H417.7317 Textile Machinery Mechanics and Repairers	-	-	-	-	-
H418.7318 Elevator Constructors and Mechanics	54	2.0	6.6	-6.5	4.4
H42.732 Automotive service technicians	1,209	2.3	1.9	5.0	2.1
H421.7321 Automotive Service Technicians, Truck Mechanics and Mechanical Repairers	920	2.3	1.8	4.9	2.1
H422.7322 Motor Vehicle Body Repairers	286	2.5	2.1	5.3	2.3
H43.733 Other Mechanics	192	2.2	2.1	4.1	2.2
H431.7331 Oil and Solid Fuel Heating Mechanics	-	-	-	-	-
H432.7332 Electric Appliance Servicers and Repairers	83	2.3	2.2	4.0	2.3
H433.7333 Electrical Mechanics	31	1.3	1.9	5.1	1.6
H434.7334 Motorcycle and Other Related Mechanics	21	2.2	1.5	5.1	1.9
H435.7335 Other Small Engine and Equipment Mechanics	44	1.9	1.6	5.2	1.8
H5 Other trades n.e.c.	1,102	1.5	2.5	2.9	2.0
H51.734 Upholsterers, Tailors, Shoe Repairers, Jewellers and Related Occupations	272	1.6	1.6	6.5	1.6
H511.7341 Upholsterers	49	2.0	1.9	6.1	2.0
H512.7342 Tailors, Dressmakers, Furriers and Milliners	180	1.4	1.6	6.7	1.5
H513.7343 Shoe Repairers and Shoemakers	13	2.2	2.0	5.7	2.2
H514.7344 Jewellers, Watch Repairers and Related Occupations	31	1.7	1.3	5.9	1.5
H52.738 Printing Press Operators, Commercial Divers and Other Trades and Related Occupations n.e.c.	275	0.9	1.4	5.6	1.2
H521.7381 Printing Press Operators	135	0.8	1.4	7.2	1.1
H522.7382 Commercial Divers	-	-	-	-	-
H523.7383 Other Trades and Related Occupations	135	1.0	1.3	4.3	1.2
H53.744 Other installers, repairers and servicers	555	1.8	3.4	0.0	2.7
H531.7441 Residential and Commercial Installers and Servicers	273	1.8	5.5	-4.2	3.7
H532.7442 Waterworks and Gas Maintenance Workers	29	1.3	1.6	0.3	1.5
H533.7443 Automotive Mechanical Installers and Servicers	109	2.0	1.5	5.0	1.8

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H534.7444 Pest Controllers and Fumigators	-	-	-	-	-
H535.7445 Other Repairers and Servicers	134	1.7	1.4	4.9	1.6
H6 Heavy equipment and crane operators including drillers	953	1.8	5.1	-4.2	3.6
H61.742 Heavy Equipment Operators	796	1.8	5.1	-4.3	3.6
H611.7421 Heavy Equipment Operators (Except Crane)	737	1.9	5.3	-4.5	3.7
H612.7422 Public Works Maintenance Equipment Operators	63	1.9	3.3	-0.5	2.7
H62.737 Crane Operators, Drillers and Blasters	154	1.8	5.0	-4.0	3.5
H621.7371 Crane Operators	97	1.7	4.4	-2.6	3.1
H622.7372 Drillers and Blasters - Surface Mining Quarrying and Construction	43	1.9	5.6	-5.6	3.8
H623.7373 Water Well Drillers	15	2.0	6.8	-7.0	4.5
H7 Transportation equipment operators and related workers, excluding labourers	4,591	2.4	2.3	2.3	2.4
H71.741 Motor Vehicle and Transit Drivers	4,243	2.4	2.3	2.3	2.4
H711.7411 Truck Drivers	3,058	2.5	2.5	2.1	2.6
H712.7412 Bus Drivers and Subway and Other Transit Operators	362	2.5	2.5	2.5	2.6
H713.7413 Taxi and Limousine Drivers and Chauffeurs	191	2.4	2.5	2.3	2.5
H714.7414 Delivery and Courier Service Drivers	636	1.9	1.5	3.6	1.8
H72.736 Train Crew Operating Occupations	116	2.0	2.4	2.0	2.2
H721.7361 Railway and Yard Locomotive Engineers	61	2.0	2.4	1.9	2.3
H722.7362 Railway Conductors and Brakemen/women	54	2.0	2.3	2.2	2.2
H73.743 Other Transport Equipment Operators and Related Workers	232	2.1	2.3	2.2	2.3
H731.7431 Railway Yard Workers	13	2.0	2.3	2.1	2.2
H732.7432 Railway Track Maintenance Workers	41	2.0	2.4	1.9	2.3
H733.7433 Deck Crew Water Transport	49	1.8	1.9	2.8	1.9
H734.7434 Engine Room Crew, Water Transport	-	-	-	-	-
H735.7435 Lock and Cable Ferry Operators and Related Occupations	23	2.0	3.0	0.8	2.6
H736.7436 Boat Operators	20	1.8	1.7	2.3	1.8
H737.7437 Air Transport Ramp Attendants	78	2.9	2.4	2.3	2.7

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Projected Annual Growth Rates in Occupational Demand

	Estimated Employment	Average Annual % Change			Avg Annual % Chg Over 4 Years
	<u>2005</u>	<u>2007/2005</u>	<u>2009/2007</u>	<u>2010/2009</u>	<u>2009/2005</u>
H8 Trades helpers, construction and transportation labourers and related occupations	2,694	1.8	3.6	-0.9	2.7
H81.745 Longshore Workers and Material Handlers	1,329	1.6	1.4	3.5	1.6
H811.7451 Longshore Workers	129	2.5	2.3	2.7	2.5
H812.7452 Material Handlers	1,201	1.6	1.3	3.6	1.5
H82.761 Trades Helpers and Labourers	1,212	1.9	6.0	-5.4	4.1
H821.7611 Construction Trades Helpers and Labourers	1,142	1.9	6.2	-5.8	4.2
H822.7612 Other Trades Helpers and Labourers	73	1.9	2.8	1.3	2.4
H83.762 Public Works and Other Labourers n.e.c.	153	2.0	2.9	0.3	2.5
H831.7621 Public Works and Maintenance Labourers	100	1.8	3.1	-0.4	2.5
H832.7622 Railway and Motor Transport Labourers	51	2.4	2.7	1.8	2.6
I Occupations unique to primary industry	8,872	1.0	0.5	4.0	0.7
I0 Occupations unique to agriculture, excluding labourers	7,324	0.9	0.4	4.3	0.7
I01.825 Contractors, Operators and Supervisors in Agriculture, Horticulture and Aquaculture	4,000	0.9	0.5	4.3	0.7
I011.8251 Farmers and Farm Managers	3,293	0.9	0.4	4.4	0.6
I012.8252 Agricultural and Related Service Contractors and Managers	37	1.1	0.7	3.6	0.9
I013.8253 Farm Supervisors and Specialized Livestock Workers	220	0.9	0.5	4.2	0.7
I014.8254 Nursery and Greenhouse Operators and Managers	212	0.9	0.4	4.3	0.7
I015.8255 Landscaping & Grounds Maintenance Contractors & Managers	34	1.6	2.8	0.3	2.2
I016.8256 Supervisors, Landscape and Horticulture	78	1.3	1.1	3.1	1.2
I017.8257 Aquaculture Operators and Managers	126	0.9	0.5	4.2	0.7
I02.843 Agriculture and Horticulture Workers	3,324	0.9	0.4	4.3	0.7
I021.8431 General Farm Workers	2,350	0.9	0.4	4.3	0.6
I022.8432 Nursery and Greenhouse Workers	973	0.9	0.4	4.3	0.7
I1 Occupations unique to forestry operations, mining, oil and gas extraction and fishing excluding labourers	507	1.6	0.7	1.1	1.2
I11.821 Supervisors, Logging and Forestry	80	1.2	0.5	1.8	0.8
I111.8211 Supervisors, Logging and Forestry	76	1.2	0.5	1.6	0.8
I12.822 Supervisors, Mining, Oil and Gas	35	1.5	1.3	1.4	1.4

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I121.8221 Supervisors, Mining and Quarrying	16	0.8	1.1	2.1	0.9
I122.8222 Supervisors, Oil and Gas Drilling and Service	17	2.1	1.7	0.2	1.9
I13.823 Underground Miners, Oil and Gas Drillers and Related Workers	28	2.8	1.1	0.6	2.0
I131.8231 Underground Production and Development Miners	19	0.9	1.0	1.0	1.0
I132.8232 Oil and Gas Well Drillers, Servicers, Testers and Related Workers	11	5.9	2.1	-0.8	4.2
I14.841 Mine Service Workers and Operators in Oil and Gas Drilling	24	3.8	2.4	-1.3	3.2
I141.8411 Underground Mine Service and Support Workers	11	1.3	2.5	0.1	1.9
I142.8412 Oil and Gas Well Drilling Workers and Services Operators	13	5.8	2.3	-1.5	4.2
I15.824 Logging Machinery Operators	123	1.3	0.6	0.9	1.0
I151.8241 Logging Machinery Operators	121	1.3	0.5	0.9	0.9
I16.842 Logging and Forestry Workers	183	1.6	0.3	0.2	0.9
I161.8421 Chain-saw and Skidder Operators	112	1.6	0.1	0.0	0.8
I162.8422 Silviculture and Forestry Workers	75	1.6	0.6	0.7	1.1
I17.826 Fishing Vessel Masters and Skippers and Fishermen/women	27	1.6	1.4	6.7	1.5
I171.8261 Fishing Masters and Officers	-	-	-	-	-
I172.8262 Fishing Vessel Skippers and Fishermen/women	26	1.5	1.3	6.6	1.4
I18.844 Other Fishing and Trapping Occupations	-	-	-	-	-
I181.8441 Fishing Vessel Deckhands	-	-	-	-	-
I182.8442 Trappers and Hunters	-	-	-	-	-
I2 Primary production labourers	1,043	1.3	0.9	3.0	1.1
I21.861 Primary Production Labourers	1,044	1.3	0.9	3.0	1.1
I211.8611 Harvesting Labourers	365	0.9	0.4	4.3	0.6
I212.8612 Landscaping and Grounds Maintenance Labourers	297	1.8	2.1	2.2	2.0
I213.8613 Aquaculture and Marine Harvest Labourers	151	0.9	0.5	4.4	0.7
I214.8614 Mine Labourers	12	1.0	1.7	-0.2	1.4
I215.8615 Oil and Gas Drilling, Servicing and Related Labourers	21	2.6	2.5	-1.4	2.6
I216.8616 Logging and Forestry Labourers	194	1.3	0.2	1.3	0.7
J Occupations unique to processing, manufacturing and utilities	5,884	1.4	1.2	4.7	1.3
J0 Supervisors in manufacturing	472	1.6	1.2	4.5	1.4

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J01.921 Supervisors, Processing Occupations	318	2.0	1.1	3.6	1.6
J011.9211 Supervisors, Mineral and Metal Processing	39	0.8	1.8	4.4	1.3
J012.9212 Supervisors, Petroleum, Gas and Chemical Processing and Utilities	21	11.3	0.9	0.3	6.2
J013.9213 Supervisors, Food, Beverage and Tobacco Processing	75	3.7	1.2	1.2	2.5
J014.9214 Supervisors, Plastic and Rubber Products Manufacturing	-	-	-	-	-
J015.9215 Supervisors, Forest Products Processing	168	0.5	0.9	4.9	0.7
J016.9216 Supervisors, Textile Processing	-	-	-	-	-
J02.922 Supervisors, Assembly and Fabrication	158	0.8	1.4	6.3	1.1
J021.9221 Supervisors, Motor Vehicle Assembling	-	-	-	-	-
J022.9222 Supervisors, Electronics Manufacturing	28	0.8	0.9	6.5	0.9
J023.9223 Supervisors, Electrical Products Manufacturing	-	-	-	-	-
J024.9224 Supervisors, Furniture and Fixtures Manufacturing	24	0.6	1.0	7.0	0.8
J025.9225 Supervisors, Fabric, Fur and Leather Products Manufacturing	16	0.6	1.3	8.5	1.0
J026.9226 Supervisors, Other Mechanical and Metal Products Manufacturing	33	0.9	1.9	5.9	1.4
J027.9227 Supervisors, Other Products Manufacturing and Assembly	40	0.7	1.5	5.1	1.1
J1 Machine operators in manufacturing	2,363	1.4	1.2	4.8	1.3
J11.923 Central Control and Process Operators in Manufacturing and Processing	61	8.3	1.3	0.5	4.9
J111.9231 Central Control & Process Operators Mineral & Metal Processing	18	0.8	1.3	2.4	1.1
J112.9232 Petroleum, Gas and Chemical Process Operators	28	16.7	1.3	-0.7	9.2
J113.9233 Pulping Control Operators	-	-	-	-	-
J114.9234 Papermaking and Coating Control Operators	-	-	-	-	-
J12.941 Machine Operators and Related Workers in Metal and Mineral Products Processing	170	0.9	1.9	4.3	1.4
J121.9411 Machine Operators, Mineral and Metal Processing	40	0.9	1.4	2.9	1.1
J122.9412 Foundry Workers	22	0.7	1.1	3.3	0.9

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J123.9413 Glass Forming and Finishing Machine Operators and Glass Cutters	40	0.7	1.4	7.6	1.1
J124.9414 Concrete, Clay and Stone Forming Operators	61	1.1	2.9	3.0	2.1
J125.9415 Inspectors and Testers, Mineral and Metal Processing	12	0.8	1.3	6.7	1.1
J13.942 Machine Operators and Related Workers in Chemical, Plastic and Rubber Processing	56	1.2	1.2	3.4	1.2
J131.9421 Chemical Plant Machine Operators	13	1.6	1.1	4.1	1.4
J132.9422 Plastics Processing Machine Operators	11	0.8	1.6	5.1	1.2
J133.9423 Rubber Processing Machine Operators and Related Workers	-	-	-	-	-
J134.9424 Water and Waste Plant Operators	24	1.2	1.1	1.3	1.2
J14.943 Machine Operators and Related Workers in Pulp and Paper Production and Wood Processing	841	0.5	0.9	4.9	0.7
J141.9431 Sawmill Machine Operators	382	0.4	0.9	5.1	0.6
J142.9432 Pulp Mill Machine Operators	13	1.9	1.2	1.5	1.6
J143.9433 Papermaking and Finishing Machine Operators	14	1.4	1.6	2.5	1.5
J144.9434 Other Wood Processing Machine Operators	178	0.5	1.0	4.7	0.7
J145.9435 Paper Converting Machine Operators	13	1.2	0.9	4.0	1.1
J146.9436 Lumber Graders and Other Wood Processing Inspectors and Graders	242	0.4	0.8	5.1	0.6
J15.944 Machine Operators and Related Workers in Textile Processing	36	0.9	1.1	6.7	1.0
J151.9441 Textile Fibre and Yarn Preparation Machine Operators	-	-	-	-	-
J152.9442 Weavers, Knitters and Other Fabric-Making Occupations	16	0.9	1.2	7.6	1.1
J153.9443 Textile Dyeing and Finishing Machine Operators	-	-	-	-	-
J154.9444 Textile Inspectors, Graders and Samplers	12	0.8	1.2	6.8	1.0
J16.945 Machine Operators and Related Workers in Fabric, Fur and Leather Products Manufacturing	321	0.8	1.3	7.8	1.1
J161.9451 Sewing Machine Operators	282	0.8	1.3	7.8	1.1
J162.9452 Fabric, Fur and Leather Cutters	25	0.7	1.2	8.1	1.0
J163.9453 Hide and Pelt Processing Workers	-	-	-	-	-

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J164.9454 Inspectors and Testers, Fabric, Fur and Leather Products Manufacturing	-	-	-	-	-
J17.946 Machine Operators and Related Workers in Food, Beverage and Tobacco Processing	357	4.0	1.3	0.9	2.7
J171.9461 Process Control and Machine Operators, Food and Beverage Processing	192	4.2	1.3	0.8	2.8
J172.9462 Industrial Butchers and Meat Cutters, Poultry Preparers and Related Workers	110	4.4	1.3	0.4	2.9
J173.9463 Fish Plant Workers	18	4.0	1.6	1.1	2.9
J174.9464 Tobacco Processing Machine Operators	0	-	-	-	-
J175.9465 Testers and Graders, Food and Beverage Processing	35	2.5	1.0	2.4	1.7
J18.947 Printing Machine Operators and Related Occupations	261	1.4	1.5	6.4	1.5
J181.9471 Printing Machine Operators	77	0.9	1.3	7.2	1.1
J182.9472 Camera, Platemaking and Other Pre-Press Occupations	30	0.9	1.4	7.1	1.1
J183.9473 Binding and Finishing Machine Operators	48	0.8	1.4	7.3	1.1
J184.9474 Photographic and Film Processors	106	2.1	1.7	5.3	1.9
J19.951 Machining, Metalworking, Woodworking and Related Machine Operators	256	0.7	1.2	6.1	1.0
J191.9511 Machining Tool Operators	32	0.8	1.4	6.4	1.1
J192.9512 Forging Machine Operators	-	-	-	-	-
J193.9513 Woodworking Machine Operators	137	0.6	1.2	5.5	0.9
J194.9514 Metalworking Machine Operators	40	0.7	1.2	6.8	1.0
J196.9516 Other Metal Products Machine Operators.	19	0.8	1.6	5.5	1.2
J197.9517 Other Products Machine Operators	22	0.7	1.2	7.7	1.0
J2 Assemblers in manufacturing	1,051	0.9	1.6	6.0	1.3
J21.948 Mechanical, Electrical and Electronics Assemblers	332	0.8	1.4	7.1	1.2
J211.9481 Aircraft Assemblers and Aircraft Assembly Inspectors	16	0.9	1.5	7.0	1.2
J212.9482 Motor Vehicle Assemblers, Inspectors and Testers	46	1.1	1.3	6.6	1.2
J213.9483 Electronics Assemblers, Fabricators, Inspectors and Testers	109	0.7	1.3	7.6	1.1

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J214.9484 Assemblers and Inspectors, Electrical Appliance, Apparatus and Equipment Manufacturing	38	0.8	1.3	7.7	1.1
J215.9485 Assemblers, Fabricators and Inspectors, Industrial Electrical Motors and Transformers	27	1.0	1.8	5.3	1.4
J216.9486 Mechanical Assemblers and Inspectors	76	0.9	1.5	6.6	1.2
J217.9487 Machine Operators and Inspectors, Electrical Apparatus Manufacturing	21	0.6	1.3	8.4	1.0
J22.949 Other Assembly and Related Occupations	719	0.9	1.7	5.5	1.3
J221.9491 Boat Assemblers and Inspectors	103	0.8	1.4	7.5	1.1
J222.9492 Furniture and Fixture Assemblers and Inspectors	197	0.9	1.5	6.2	1.2
J223.9493 Other Wood Products Assemblers and Inspectors	179	0.8	1.4	4.1	1.1
J224.9494 Furniture Finishers and Refinishers	48	1.4	2.0	5.8	1.7
J225.9495 Plastic Products Assemblers, Finishers and Inspectors	22	0.7	1.2	7.6	0.9
J226.9496 Painters and Coaters - Industrial	103	1.3	2.9	2.7	2.1
J227.9497 Plating, Metal Spraying and Related Operators	17	0.8	1.4	7.9	1.1
J228.9498 Other Assemblers and Inspectors	56	0.9	1.4	6.9	1.1
J3 Labourers in processing, manufacturing and utilities	1,993	1.5	1.1	4.1	1.3
J31.961 Labourers in Processing, Manufacturing and Utilities	1,996	1.5	1.1	4.1	1.3
J311.9611 Labourers in Mineral and Metal Processing	53	0.7	1.4	3.8	1.1
J312.9612 Labourers in Metal Fabrication	92	0.8	1.7	6.2	1.3
J313.9613 Labourers in Chemical Products Processing and Utilities	12	9.2	1.0	0.9	5.2
J314.9614 Labourers in Wood Pulp and Paper Processing	998	0.4	0.9	5.0	0.7
J315.9615 Labourers in Rubber and Plastic Products Manufacturing	14	0.7	1.1	7.5	0.9
J316.9616 Labourers in Textile Processing	14	0.6	1.1	8.0	0.9
J317.9617 Labourers in Food Beverage and Tobacco Processing	523	3.7	1.1	1.3	2.5
J318.9618 Labourers in Fish Processing	24	3.1	1.3	2.0	2.2
J319.9619 Other Labourers in Processing, Manufacturing and Utilities	265	1.0	1.2	6.1	1.1

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