

WORKBC INDUSTRY OUTLOOK PROFILE

TELECOMMUNICATIONS

(NAICS¹ 517)

About this report

This is a summary of forecast information available about this industry in the B.C. Labour Market Outlook 2019 edition forecast. An overview of this forecast is provided in the main report which is available at: www.workbc.ca/labourmarketoutlook. The raw data is available at: [BC Data Catalogue](#).

1. Outlook Highlights

The Telecommunications industry is mainly supported by a growing population and changes in communications technology. The Telecommunications industry comprises establishments primarily engaged in providing telecommunications and/or video entertainment services over their own networks, or over networks operated by others. The establishments of this subsector are grouped into industries on the basis of the nature of services provided (fixed or mobile), the type of network used to deliver those services (wireline or wireless), and the business model they employ (facilities-based or resale).

Over the next ten years to 2029, the industry is expected to have about 3,200 job openings, 69% of which would come from replacements of existing workers.

1.1 B.C. industry employment and job openings

Industry	Employment		Employment Growth			Job Openings		Replacement Share
	Number of Workers	Share of B.C.	(Average Annual Rate)			Number of Openings	Share of B.C.	(Share of Openings)
	2019	2019	2019-2024	2024-2029	2019-2029	2019-2029	2019-2029	2019-2029
This Industry	16,977	0.7%	-0.3%	-0.5%	-0.4%	3,288	0.4%	100.0%
All Industries	2,521,389	100.0%	1.0%	1.0%	1.0%	861,143	100.0%	69.5%

1.2 B.C. industry job openings by type

Job Openings	2019-2024	2024-2029	2019-2029
Total Job Openings	1,683	1,605	3,288
Expansion Demand	-318	-410	-728
Replacement Demand	2,001	2,015	4,016

2019-2029 total job openings²: the total job openings in the 10 years between 2019 and 2029

¹ NAICS: North American Industry Classification System Canada 2012

² Total job openings: the sum of expansion and replacement job openings over the period. A job opening is the addition of a new job through economic growth (expansion) or a job that needs to be filled due to someone exiting the labour force permanently as a result of retirement, death or other reasons (replacement).

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1.3 B.C. industry employment growth and job openings by development region

Region	Employment	Employment Growth (Average Annual Rate)			Job Openings		
	2019	2019-2024	2024-2029	2019-2029	2019-2024	2024-2029	2019-2029
British Columbia	16,977	-0.3%	-0.5%	-0.4%	1,683	1,605	3,288
Vancouver Island/Coast	1,474	0.4%	-0.2%	0.1%	212	169	381
Mainland/Southwest	13,555	-0.6%	-0.6%	-0.6%	1,113	1,189	2,303
Thompson-Okanagan	1,137	0.2%	-0.1%	0.0%	174	151	325
Kootenay	151	3.5%	0.3%	1.9%	54	27	80
Cariboo	421	0.0%	-0.7%	-0.4%	37	21	58
North Coast & Nechako	184	2.2%	0.8%	1.5%	40	27	66
Northeast	55	12.2%	2.0%	7.0%	54	21	75

2. Occupations in the Industry

2.1 B.C. top occupations by skill level in the industry

Skill Level	NOC	Occupation	Employment	Job Openings	Replacement Rate (Annual)	Wage Rate Median	Wage Rate Low	Wage Rate High
			2019	2019-2029	2019-2029	2018	2018	2018
LEVEL 0: <i>Usually requiring combination of education and experience</i>	#0131	Telecommunication carriers managers	1,368	444	3.8%	30.77	40.00	45.67
	#0601	Corporate sales managers	205	65	3.8%	17.79	35.58	55.29
	#0213	Computer and information systems managers	189	53	3.4%	26.44	43.27	67.69
	#0013	Senior managers - financial, communications and other business services	141	35	3.1%	20.00	52.45	96.15
	#0111	Financial managers	77	22	3.4%	22.00	38.46	67.31
		Other occupations	520	127	-	-	-	-
	Total		2,500	747	-	-	-	-
LEVEL A: <i>Usually requiring a Bachelor's, Graduate or First Professional Degree</i>	#2171	Information systems analysts and consultants	719	113	2.1%	26.15	38.97	54.95
	#1122	Professional occupations in business management consulting	389	66	2.4%	18.00	36.06	52.88
	#2147	Computer engineers (except software engineers and designers)	320	53	2.2%	19.00	47.69	64.78
	#1123	Professional occupations in advertising, marketing and public relations	184	24	1.9%	16.15	27.40	48.84
	#2172	Database analysts and data administrators	125	22	2.3%	19.19	31.25	48.08
		Other occupations	1,276	178	-	-	-	-
	Total		3,013	457	-	-	-	-

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Skill Level	NOC	Occupation	Employment	Job Openings	Replacement Rate (Annual)	Wage Rate Median	Wage Rate Low	Wage Rate High
			2019	2019-2029	2019-2029	2018	2018	2018
LEVEL B: <i>Usually requiring diploma, certificate or apprenticeship training</i>	#7246	Telecommunications installation and repair workers	1,840	550	3.3%	20.00	30.00	40.38
	#6221	Technical sales specialists - wholesale trade	877	196	2.7%	13.27	23.50	42.97
	#7245	Telecommunications line and cable workers	861	163	2.2%	18.00	30.00	33.65
	#2281	Computer network technicians	674	110	1.9%	17.31	30.00	52.75
	#2282	User support technicians	551	92	2.1%	18.00	29.00	50.00
		Other occupations	1,956	416	-	-	-	-
	Total			6,759	1,527	-	-	-
LEVEL C: <i>Usually requiring secondary school and/or occupation-specific training</i>	#6552	Other customer and information services representatives	2,575	255	1.5%	12.65	19.85	30.00
	#6421	Retail salespersons	941	100	1.6%	12.65	13.00	23.08
	#1411	General office support workers	197	33	2.3%	13.00	21.00	30.00
	#6411	Sales and account representatives - wholesale trade (non-technical)	118	24	2.4%	13.00	23.08	42.74
	#1431	Accounting and related clerks	119	24	2.6%	15.00	21.00	30.93
		Other occupations	570	99	-	-	-	-
	Total			4,521	533	-	-	-
LEVEL D: <i>Usually requiring on-the-job training</i>	#6733	Janitors, caretakers and building superintendents	36	8	3.1%	12.65	17.87	27.00
	#6623	Other sales related occupations	72	8	1.6%	12.65	13.10	17.50
	#9614	Labourers in wood, pulp and paper processing	10	2	2.4%	15.00	27.54	30.76
	#6731	Light duty cleaners	10	2	2.3%	12.65	15.00	20.69
	#6611	Cashiers	16	1	1.2%	12.65	12.65	18.00
		Other occupations	41	3	-	-	-	-
	Total			185	24	-	-	-