

WORKBC INDUSTRY OUTLOOK PROFILE

UNIVERSITIES (NAICS¹ 6113)

About this report

This is a summary of forecast information available about this industry in the B.C. Labour Market Outlook 2018 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 Universities industry comprises establishments primarily engaged in providing academic courses and granting degrees at the bachelor or graduate levels. The requirement for admission is at least a high school diploma or equivalent general academic training for baccalaureate programs, and often a baccalaureate degree for professional or graduate programs.

The Universities industry is experiencing growth in enrollment from B.C. residents as well as international students. This growth, combined with a moderate need to replace retiring workers, will lead to approximately 11,600 job openings over the ten years to 2028.

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)
	2018	2018	2018-2023	2023-2028	2018-2028	2018-2028	2018-2028	2018-2028
This Industry	35,648	1.4%	0.2%	1.2%	0.7%	11,588	1.3%	76.5%
All Industries	2,501,081	100.0%	1.1%	1.1%	1.1%	903,007	100.0%	68.1%

1.2 B.C. industry job openings by type

Job Openings	2018-2023	2023-2028	2018-2028
Total Job Openings	4,873	6,713	11,586
Expansion Demand	380	2,338	2,718
Replacement Demand	4,492	4,377	8,869

2018-2028 total job openings²: the total job openings in the 10 years between 2018 and 2028

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		
	2018	2018-2023	2023-2028	2018-2028	2018-2023	2023-2028	2018-2028
British Columbia	35,647	0.2%	1.2%	0.7%	4,873	6,713	11,586
Vancouver Island/Coast	8,478	0.2%	1.0%	0.6%	1,368	1,631	2,999
Mainland/Southwest	23,360	0.4%	1.5%	0.9%	3,077	4,610	7,687
Thompson-Okanagan	2,540	-0.3%	0.2%	-0.1%	359	375	734
Kootenay	44	1.6%	1.0%	1.3%	10	8	18
Cariboo	1,058	-1.2%	-0.2%	-0.7%	39	95	134
North Coast & Nechako	128	1.5%	-2.9%	-0.7%	20	-9	11
Northeast	41	-1.4%	0.7%	-0.4%	1	6	7

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
			2018	2018-2028	2018-2028	2017	2017	2017
LEVEL 0: <i>Usually requiring combination of education and experience</i>	#0421	Administrators - post-secondary education and vocational training	1,285	601	3.8%	36.89	17.86	61.10
	#0014	Senior managers - health, education, social and community services and membership organizations	225	112	4.1%	37.29	16.31	75.50
	#0213	Computer and information systems managers	205	86	3.2%	43.27	26.44	69.40
	#0212	Architecture and science managers	186	86	3.6%	39.44	16.31	75.39
	#0114	Other administrative services managers	154	81	4.3%	-	-	-
		Other occupations	953	371	-	-	-	-
	Total			3,009	1,338	-	-	-
LEVEL A: <i>Usually requiring a Bachelor's, Graduate or First Professional Degree</i>	#4011	University professors and lecturers	9,657	3,804	3.1%	38.46	17.31	69.23
	#4012	Post-secondary teaching and research assistants	7,071	1,239	0.9%	21.50	11.54	37.98
	#4033	Educational counsellors	702	230	2.5%	28.10	18.46	50.00
	#4166	Education policy researchers, consultants and program officers	629	207	2.6%	-	-	-
	#2171	Information systems analysts and consultants	427	144	2.5%	38.46	23.08	52.88
		Other occupations	4,092	1,246	-	-	-	-
	Total			22,579	6,870	-	-	-

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Skill Level	NOC	Occupation	Employment	Job Openings	Replacement Rate (Annual)	Wage Rate Median	Wage Rate Low	Wage Rate High
			2018	2018-2028	2018-2028	2017	2017	2017
LEVEL B: <i>Usually requiring diploma, certificate or apprenticeship training</i>	#1221	Administrative officers	1,531	656	3.4%	23.38	15.00	33.00
	#1241	Administrative assistants	1,175	401	2.7%	22.00	14.42	30.00
	#2281	Computer network technicians	310	96	2.3%	33.65	21.60	57.69
	#1226	Conference and event planners	233	64	1.9%	22.36	14.00	40.00
	#2282	User support technicians	223	62	1.9%	28.97	18.00	48.08
		Other occupations	2,927	915	-	-	-	-
	Total			6,398	2,194	-	-	-
LEVEL C: <i>Usually requiring secondary school and/or occupation-specific training</i>	#1411	General office support workers	686	239	2.7%	21.35	13.08	29.30
	#1431	Accounting and related clerks	305	105	2.6%	21.00	13.30	30.00
	#1414	Receptionists	169	47	2.0%	17.58	11.35	25.00
	#4412	Home support workers, housekeepers and related occupations	80	29	2.8%	16.75	11.35	23.00
	#6421	Retail salespersons	123	28	1.7%	12.50	11.35	23.00
		Other occupations	922	298	-	-	-	-
	Total			2,286	746	-	-	-
LEVEL D: <i>Usually requiring on-the-job training</i>	#6733	Janitors, caretakers and building superintendents	691	292	3.3%	17.00	11.35	25.91
	#6711	Food counter attendants, kitchen helpers and related support occupations	206	30	0.9%	11.35	11.35	16.00
	#6731	Light duty cleaners	79	27	2.5%	15.00	11.35	20.60
	#6722	Operators and attendants in amusement, recreation and sport	101	23	1.5%	13.00	11.35	26.00
	#8612	Landscaping and grounds maintenance labourers	105	22	1.7%	15.38	12.00	26.00
		Other occupations	194	45	-	-	-	-
	Total			1,376	439	-	-	-