

WORKBC INDUSTRY OUTLOOK PROFILE

FORESTRY SECTOR (NAICS¹ 113, 115, 321 & 322)

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 Forestry sector is comprised of Forestry and logging with associated support activities plus wood and paper products manufacturing. Wood and paper products manufacturing accounts for 64 percent of Forestry sector employment. Forestry and logging and support activities represents the other 36 percent. Overall, the sector is forecast to see declining employment due to timber harvesting constraints, continued automation and consolidation of businesses.

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	59,709	2.4%	-0.8%	-1.1%	-0.9%	11,419	1.3%	100.0%
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	6,703	4,718	11,421
Expansion Demand	-2,675	-3,365	-6,040
Replacement Demand	9,380	8,083	17,463

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	59,709	-0.8%	-1.1%	-0.9%	6,703	4,718	11,421
Vancouver Island/Coast	10,262	-0.6%	-0.8%	-0.7%	1,598	1,183	2,781
Mainland/Southwest	17,099	-0.8%	-0.8%	-0.8%	1,895	1,614	3,509
Thompson-Okanagan	10,963	-1.0%	-1.4%	-1.2%	1,171	729	1,900
Kootenay	4,262	-0.2%	-1.1%	-0.7%	699	383	1,082
Cariboo	10,789	-0.9%	-1.4%	-1.2%	741	465	1,206
North Coast & Nechako	4,437	-0.9%	-1.3%	-1.1%	311	206	517
Northeast	1,897	0.5%	-1.0%	-0.3%	290	137	427

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>	#0911	Manufacturing managers	1,361	389	3.5%	38.46	17.00	61.54
	#0811	Managers in natural resources production and fishing	587	180	4.9%	41.93	25.00	72.41
	#0016	Senior managers - construction, transportation, production and utilities	535	167	4.2%	47.65	21.50	90.77
	#0714	Facility operation and maintenance managers	241	64	3.8%	35.10	19.85	57.00
	#0601	Corporate sales managers	134	40	3.8%	36.35	17.79	49.04
		Other occupations	1,217	246	-	-	-	-
	Total		4,075	1,085	-	-	-	-
LEVEL A: <i>Usually requiring a Bachelor's, Graduate or First Professional Degree</i>	#2122	Forestry professionals	921	74	2.2%	33.65	26.00	43.96
	#1111	Financial auditors and accountants	540	65	2.2%	27.88	17.00	47.00
	#2171	Information systems analysts and consultants	171	22	2.5%	38.46	23.08	52.88
	#2132	Mechanical engineers	180	18	1.9%	42.31	23.65	57.69
	#1122	Professional occupations in business management consulting	82	13	2.6%	36.00	20.00	51.43
		Other occupations	881	112	-	-	-	-
Total		2,774	303	-	-	-	-	

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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>	#9215	Supervisors, forest products processing	1,551	824	6.1%	32.00	23.00	48.08
	#7311	Construction millwrights and industrial mechanics	3,118	709	3.0%	35.00	18.50	40.00
	#8211	Supervisors, logging and forestry	1,238	417	5.4%	30.00	20.00	40.00
	#8241	Logging machinery operators	2,153	406	4.2%	30.00	22.50	34.55
	#7242	Industrial electricians	1,091	167	2.2%	35.00	21.00	44.00
		Other occupations	11,922	1,634	-	-	-	-
	Total			21,072	4,158	-	-	-
LEVEL C: <i>Usually requiring secondary school and/or occupation-specific training</i>	#9431	Sawmill machine operators	2,635	985	4.3%	28.00	21.84	33.00
	#9434	Other wood processing machine operators	1,472	484	3.9%	27.55	11.99	38.99
	#7452	Material handlers	2,965	374	2.0%	17.00	11.35	31.00
	#9436	Lumber graders and other wood processing inspectors and graders	992	343	4.1%	27.11	16.00	33.03
	#8421	Chain saw and skidder operators	1,599	259	4.0%	28.50	19.38	46.00
		Other occupations	11,531	1,707	-	-	-	-
	Total			21,195	4,152	-	-	-
LEVEL D: <i>Usually requiring on-the-job training</i>	#9614	Labourers in wood, pulp and paper processing	5,395	1,258	3.0%	26.00	14.00	30.00
	#8616	Logging and forestry labourers	2,113	153	2.7%	25.00	15.00	36.00
	#6733	Janitors, caretakers and building superintendents	495	110	3.0%	17.00	11.35	25.91
	#6731	Light duty cleaners	589	86	2.1%	15.00	11.35	20.60
	#9619	Other labourers in processing, manufacturing and utilities	294	36	2.2%	16.72	11.35	27.90
		Other occupations	1,411	79	-	-	-	-
	Total			10,295	1,723	-	-	-