



Industry Profiles 2018

Forestry Industry

OVERVIEW

The Forestry and Logging with Support Activities industry¹ in Alberta includes establishments that:

- produce seedlings in specialized nurseries and gathering forest products such as gums, barks, and balsam needles;
- grow or harvest timber on a long production cycle (10 years or more); and
- provide related support services.

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¹ North American Industry Classification System (NAICS) 2007 major group 113 and 1153

SECTION A

BUSINESS ENVIRONMENT

1. 2017 Employment and Unemployment Numbers and Rates

Table 1

	Alberta	Forestry and Logging with Support Activities Industry
Employment	2,286,900	4,500
Employment Share	N/A	0.2%
Unemployment	194,700	N/A
Unemployment rate	7.8%	N/A

Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0008, 2017

Note: Note: N/A denotes not-applicable. Employment share is obtained by dividing the number of employment in this industry by total employment in Alberta.

For more information on employment numbers or for a historical comparison, please go to the Labour Force Statistics² website or Statistics Canada³.

2. Industry's Growth

- The Forestry and Logging Support Activities industry accounted for 0.2% of total employment in Alberta in 2017.
- Employment in this industry is expected to grow at an average rate of 0.8% from 2017 to 2021⁴.
- The industry is expected to account for 0.2% of total employment in Alberta in 2018.

For more information, see the Alberta Learning Information Service (ALIS)⁵ website for descriptions of industries.

² See <http://work.alberta.ca/labour/labour-force-statistics-and-annual-reviews.html>

³ See <http://www.statcan.gc.ca>

⁴ Alberta Modified Canadian Occupational Projection System (COPS) Outlook 2017 – 2021, Industry Employment Outlook

⁵ See <http://www.alis.alberta.ca>

3. Facts, Trends and Outlook

According to Statistics Canada’s National Economic Accounts, the Forestry and Logging with Support Activities industry accounted for approximately 1.4%⁶ of Alberta’s Gross Domestic Product in 2016, up from 1.3% in 2006. Its contribution to Alberta’s total employment⁷ fell to 6.3% in 2017 from 7.8% in 2007.

Total employment⁸ (the total number of employees and self-employed people, 15 years and over) in 2017 was 12.5% higher than its level in 2016. There were 4,500 employed in the industry in 2017, of whom 4,000 were full-time.

Table 2

Characteristic	Alberta	Forestry, Fishing, Mining and Oil and Gas*
Median Retirement Age (years)	65.4	56.1
Average Number of Hours Worked per Week	36.7	45.6
Multiple Jobholders (% of total employment)	6.1%	2.9%
Average Job Tenure (months)	91.4	82.1
Employees Under Union Coverage (%)	25.0%	12.8%
Employees Working Overtime per Week (%)	17.8%	27.4%

Data Source: Statistics Canada, Labour Force Survey, CANSIM Tables 282-0022, 282-0031, 282-0042, 282-0078 and 282-0084, 2017, and custom tabulation (median retirement age)

* Forestry and Logging with Support Activities is grouped with Fishing, Mining, Oil and Gas due to sample size.

Note: The percentage of multiple jobholders is obtained by dividing the number of multiple jobholders by total employment. This calculation method also applies to the percentage of employees under union coverage and the percentage of employees working overtime per week.

⁶ This is for North American Industry Classification System (NAICS) 2007 code 11: Agriculture, forestry, fishing and hunting which includes support activities for forestry 1153.

⁷ Based on the NAICS code for: Forestry, fishing, mining, quarrying, oil and gas due to sample size limitations.

⁸ Based on the NAICS code for Forestry and logging and support activities.

4. Size of Businesses in Alberta and the Industry

Table 3

Establishment Size	Businesses in Alberta		Businesses in Forestry, Fishing, Mining, Oil and Gas*	
	Number of Employees	%**	Number of Employees	%**
Less than 20 employees	675,100	35.4%	27,900	21.7%
20 to 99 employees	669,900	35.2%	36,900	28.7%
100 to 500 employees	342,000	18.0%	27,600	21.5%
More than 500 employees	217,600	11.4%	36,100	28.1%

Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0076, 2017

* Numbers and percentages refer to Fishing, Mining and Oil and Gas Extraction, and Forestry and Logging with Support Activities. These are grouped together for establishment size.

** Percentages may not add up to 100 due to rounding

Note: Statistics Canada's survey methodology for determining establishment size differs from the one it uses in the Labour Force Survey to determine total employment. As a result, the total number of employees by establishment size will not be the same as total employment in the industry, except by coincidence.

SECTION B

HUMAN RESOURCES PROFILE

1. Occupational Information

Some examples of occupations in the Forestry and Logging with Support Activities industry include:

- forest technologist and technician;
- forester;
- logging equipment operator;
- conservation officer; and
- park warden.

For a complete listing of all occupations related to this industry, as well as detailed information on education and skill requirements, visit the Alberta Occupational Profiles⁹ website.

2. Demographics: Gender and Age

According to the Labour Force Survey, the gender breakdown in the Forestry and Logging with Support Activities industry in 2017 was as follows:

- women employed: 1,500 people, or 33.3%
- men employed: 3,000 people, or 66.7%

Overall in Alberta, women accounted for 45.5% and men made up 54.6% of total employment (for all industries).

Table 4

Age Characteristics	Employment in Alberta		Employment in Forestry and Logging with Support Activities	
	Number	%*	Number	%*
15-24 years	293,800	12.8%	N/A	N/A
25-54 years	1,554,900	68.0%	3,100	68.9%
55 years and over	438,200	19.2%	N/A	N/A

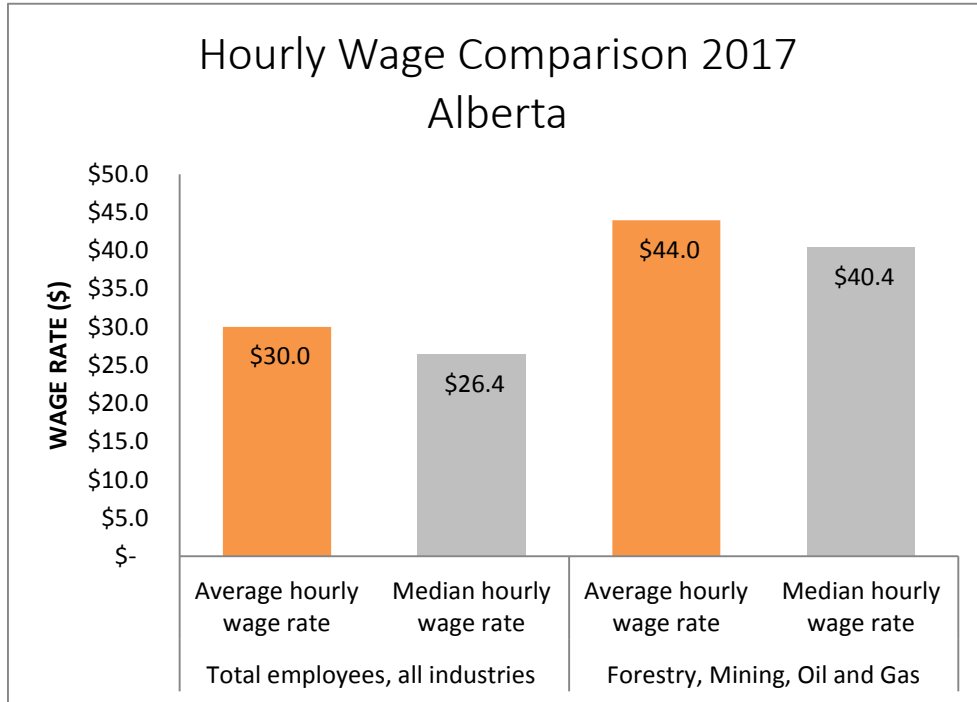
Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0008, 2017

*Percentages may not add up 100 due to rounding.

⁹ See <http://occinfo.alis.alberta.ca/occinfopreview>

3. Wages and Salaries

Chart 1



Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0072, 2017

*Forestry and logging is grouped with fishing, mining, oil and gas because of small sample size.

Note: The average hourly wage is obtained by dividing the sum of the wages of all the employees by the total number of employees. The median hourly wage is that wage below which half the employees earn and above which half the employees earn.

Wage and Salary Information for Selected Occupations

Table 5

Occupation	Median Hourly Wage			Average Annual Salary
	Starting	Overall	Top	
Truck driver	\$25.00	\$28.00	\$30.00	\$74,684
Logging machinery operator	\$25.00	\$28.00	\$30.00	\$66,548

Data Source: 2017 Alberta Wage and Salary Survey

For more information on the *2017 Alberta Wage and Salary Survey*, refer to the WAGEinfo¹⁰ website. For job descriptions, duties, skills and educational requirements of specific occupations in the Forestry and Logging with Support Activities industry, visit the ALIS¹¹ website.

¹⁰ See <http://www.alis.alberta.ca/wageinfo>

¹¹ See <http://www.alis.alberta.ca>

SECTION C

ADDITIONAL INFORMATION

Links to Industry Associations

- Alberta Forest Products Association
(<http://www.albertaforestproducts.ca>)
- College of Alberta Professional Forest Technologists
(<http://www.capft.ca>)
- Resources Industry Suppliers Association
(<http://www.resourcesuppliers.com>)

Call us or visit our website for more information or to find the following publications:

- 2017 Annual Alberta Labour Market Review
- Monthly Alberta Labour Force Statistics Highlights and Packages
- Alberta's Occupational Demand and Supply Outlook
- Alberta Labour Force Profiles
- Alberta Industry Profiles

www.work.alberta.ca/labour.html (see Labour Market Information)

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