



INDUSTRY PROFILES

Forestry and Logging with Support Activities

June 2013

Alberta

Overview:

The [Forestry and Logging with Support Activities industry](#)¹ in Alberta includes establishments that:

- produce seedlings in specialized nurseries;
- grow or harvest timber on a long production cycle (10 years or more); and
- provide related support services.

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| Section A: Business Environment |
| 1. 2012 Employment and Unemployment Numbers and Rates |
| 2. Industry's Growth |
| 3. Facts, Trends and Outlook |
| 4. Size of Businesses in Alberta and the Industry |
| Section B: Human Resources Profile |
| 1. Occupational Information |
| 2. Demographics: Gender and Age |
| 3. Wages |
| Section C: Additional Information |
| Links to Selected Associations in Industry |

¹ North American Industry Classification System (NAICS) groups 113 and 1153

Section A: Business Environment

1. 2012 Employment and Unemployment Numbers and Rates:

| | Alberta | Forestry and Logging with Support Activities Industry |
|----------------------------------|-----------|---|
| Number of employed | 2,149,600 | 3,700 |
| Percent employed in the industry | | 0.2% |
| Number of unemployed | 103,800 | N/A |
| Unemployment rate | 4.6% | N/A |

Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0008, 2013
Note: N/A denotes data suppressed by Statistics Canada due to insufficient sample size.

For more information on employment numbers or for a historical comparison, please go to the [Labour Force Statistics](#)² or [Statistics Canada](#)³ websites.

2. Industry's Growth:

- This industry accounted for 0.2% of total employment in Alberta in 2012.
- Employment in the Forestry and Logging with Support Activities industry is expected to grow at an average rate of 1.1% from 2011 to 2015.
- This industry is expected to account for 0.2% of total employment in Alberta in 2015.

For more information, see the *Alberta Modified Canadian Occupational Projection System (COPS) Outlook 2011 – 2015, Industry Employment Outlook*⁴ online and the [Alberta Learning Information Service \(ALIS\)](#)⁵ website for descriptions of industries.

² See <http://www.eae.alberta.ca/lmi>

³ See <http://www.statcan.gc.ca>

⁴ See <http://eae.alberta.ca/labour-and-immigration/labour-market-information/labour-market-forecasts.aspx>

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 0.3%⁶ of Alberta's Gross Domestic Product in 2011, the same as in 2001. The industry's share of Alberta's total employment was 0.2% in 2012, the same as in 2002.

Employment in 2012 was 8.8% higher than its level in 2011. Between 2002 and 2012, employment (the total number of employees and self-employed people) remained the same at 3,700 people. Data on employees and self-employed people were not available due to the industry's small sample size.

| Characteristic | Alberta | Forestry, Fishing, Mining and Oil and Gas* |
|---|---------|--|
| Median Retirement Age (years) | 63.7 | 56.7 |
| Average Number of Hours Worked per Week | 38.2 | 46.4 |
| Multiple Jobholders (% of total employment) | 5.7% | 3.0% |
| Average Job Tenure (months) | 88.8 | 74.4 |
| Employees Under Union Coverage (%) | 23.5% | 11.4% |
| Employees Working Overtime per Week (%) | 26.0% | 38.4% |

Data Source: Statistics Canada, Labour Force Survey, CANSIM Tables 282-0022, 282-0031, 282-0042, 282-0078 and 282-0084, 2013 and custom tabulation (median retirement age)

* Forestry and Logging with Support Activities is grouped with Fishing, Mining, Oil and Gas for establishment size. Note: The percentage of multiple jobholders in Alberta is obtained by dividing the number of multiple jobholders in Alberta by total employment in Alberta. The percentage of multiple jobholders in the industry is obtained by dividing the number of multiple jobholders in the industry by total employment in the industry. This calculation method also applies to the percentage of employees under union coverage and the percentage of employees working overtime per week.

According to *Alberta Occupational Demand Outlook 2012-2016*⁷, employment growth in the Logging and forestry workers occupations is expected to be below 2.4%, the average for all occupations.

⁶ Includes support activities for agriculture.

⁷ See <http://eae.alberta.ca/labour-and-immigration/labour-market-information/labour-market-forecasts.aspx>

4 Size of Businesses in Alberta and the Industry:

| Establishment Size | Businesses in Alberta | | Businesses in Forestry, Fishing, Mining, Oil and Gas* | |
|------------------------|-----------------------|-------|---|-------|
| | Number of Employees | %** | Number of Employees | %** |
| Less than 20 employees | 633,200 | 35.1% | 34,100 | 21.2% |
| 20 to 99 employees | 634,600 | 35.2% | 47,300 | 29.4% |
| 100 to 500 employees | 342,100 | 19.0% | 38,300 | 23.8% |
| Over 500 employees | 194,400 | 10.8% | 41,000 | 25.5% |

Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0076, 2013

* Forestry and Logging with Support Activities is grouped with Fishing, Mining, Oil and Gas 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 Profiles](#)⁸ website.

2. Demographics: Gender and Age:

According to the Labour Force Survey, the gender breakdown in the Forestry, Logging with Support Activities industry in 2012 was as follows:

- women employed: Data not available due to insufficient sample size
- men employed: 3,100 people, or 83.8%

In Alberta, women accounted for 44.8% and men made up 55.2% of total employment.

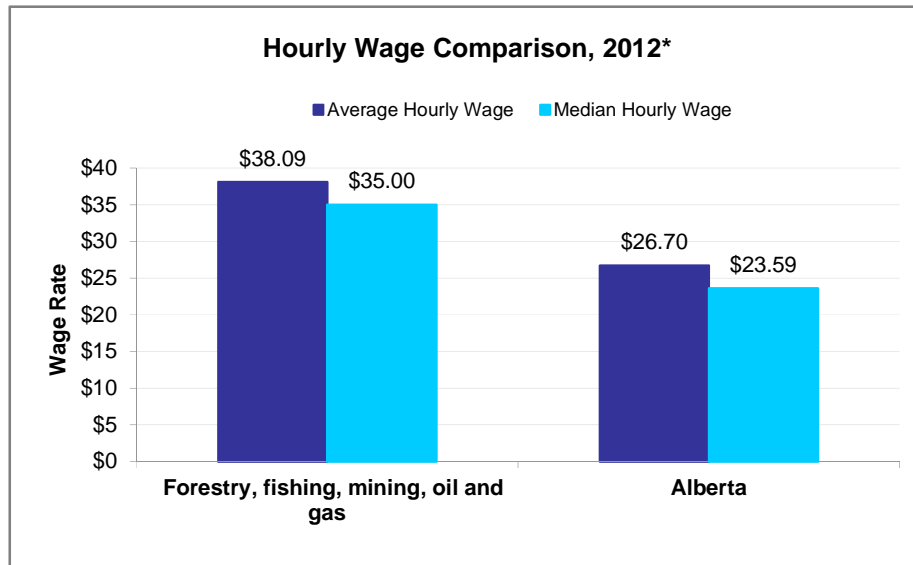
| Age Characteristics | Employment in Alberta | | Employment in Forestry and Logging with Support Activities | |
|---------------------|-----------------------|-------|--|-------|
| | Number | % | Number | % |
| 15-24 years | 315,500 | 14.7% | N/A | N/A |
| 25-54 years | 1,458,300 | 67.8% | 2,900 | 78.4% |
| 55 years and over | 375,800 | 17.5% | N/A | N/A |

Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0008, 2013

Note: N/A denotes data suppressed by Statistics Canada due to insufficient sample size.

⁸ See <http://www.alis.alberta.ca/occinfo>

3. Wages:



Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0072, 2013

*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

| Occupation | Average Hourly Wage | | | Average Annual Salary |
|----------------------------|---------------------|-----------------|-------------|-----------------------|
| | Starting Average | Overall Average | Top Average | |
| Truck driver | \$ 27.24 | \$ 28.66 | \$ 31.15 | \$ 73,927 |
| Forestry professional | \$ 30.99 | \$ 37.92 | \$ 39.75 | \$ 71,572 |
| Logging machinery operator | \$ 20.84 | \$ 25.82 | \$ 29.42 | \$ 59,467 |
| Conservation officer | \$ 25.28 | \$ 29.21 | \$ 31.53 | \$ 55,709 |

Data Source: 2011 Alberta Wage and Salary Survey

For more information on the 2011 Alberta Wage and Salary Survey, refer to the [WAGEinfo](http://www.alis.alberta.ca/wageinfo)⁹ webpage. For job descriptions, duties, required skills and education for specific occupations in the Forestry and Logging with Support Activities industry, visit the [ALIS](http://www.alis.alberta.ca)¹⁰ website.

⁹ See <http://www.alis.alberta.ca/wageinfo>

¹⁰ See <http://www.alis.alberta.ca>

Section C: Additional Information

Links to Selected Associations in Industry:

- 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>)