OVERVIEW

The Forestry and Logging with Support Activities industry 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
1. 2017 Employment and Unemployment Numbers and Rates

Table 1

<table>
<thead>
<tr>
<th></th>
<th>Alberta</th>
<th>Forestry and Logging with Support Activities Industry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employment</td>
<td>2,286,900</td>
<td>4,500</td>
</tr>
<tr>
<td>Employment Share</td>
<td>N/A</td>
<td>0.2%</td>
</tr>
<tr>
<td>Unemployment</td>
<td>194,700</td>
<td>N/A</td>
</tr>
<tr>
<td>Unemployment rate</td>
<td>7.8%</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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 Statistics\(^2\) website or Statistics Canada\(^3\).

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 2021\(^4\).
- 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.

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\(^3\) See [http://www.statcan.gc.ca](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](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% of Alberta’s Gross Domestic Product in 2016, up from 1.3% in 2006. Its contribution to Alberta’s total employment fell to 6.3% in 2017 from 7.8% in 2007.

Total employment (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

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


* 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

<table>
<thead>
<tr>
<th>Establishment Size</th>
<th>Businesses in Alberta</th>
<th>Businesses in Forestry, Fishing, Mining, Oil and Gas*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number of Employees</td>
<td>%**</td>
</tr>
<tr>
<td>Less than 20 employees</td>
<td>675,100</td>
<td>35.4%</td>
</tr>
<tr>
<td>20 to 99 employees</td>
<td>669,900</td>
<td>35.2%</td>
</tr>
<tr>
<td>100 to 500 employees</td>
<td>342,000</td>
<td>18.0%</td>
</tr>
<tr>
<td>More than 500 employees</td>
<td>217,600</td>
<td>11.4%</td>
</tr>
</tbody>
</table>

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 Profiles 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

<table>
<thead>
<tr>
<th>Age Characteristics</th>
<th>Employment in Alberta</th>
<th>Employment in Forestry and Logging with Support Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number</td>
<td>%*</td>
</tr>
<tr>
<td>15-24 years</td>
<td>293,800</td>
<td>12.8%</td>
</tr>
<tr>
<td>25-54 years</td>
<td>1,554,900</td>
<td>68.0%</td>
</tr>
<tr>
<td>55 years and over</td>
<td>438,200</td>
<td>19.2%</td>
</tr>
</tbody>
</table>

Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0008, 2017
*Percentages may not add up 100 due to rounding.

See http://occinfo.alis.alberta.ca/occinfopreview
3. Wages and Salaries

Chart 1

Hourly Wage Comparison 2017
Alberta

<table>
<thead>
<tr>
<th>WAGE RATE ($)</th>
<th>Total employees, all industries</th>
<th>Forestry, Mining, Oil and Gas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average hourly wage rate</td>
<td>$30.0</td>
<td>$44.0</td>
</tr>
<tr>
<td>Median hourly wage rate</td>
<td>$26.4</td>
<td>$40.4</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Occupation</th>
<th>Median Hourly Wage</th>
<th>Average Annual Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Starting</td>
<td>Overall</td>
</tr>
<tr>
<td>Truck driver</td>
<td>$25.00</td>
<td>$28.00</td>
</tr>
<tr>
<td>Logging machinery operator</td>
<td>$25.00</td>
<td>$28.00</td>
</tr>
</tbody>
</table>

Data Source: 2017 Alberta Wage and Salary Survey

For more information on the 2017 Alberta Wage and Salary Survey, refer to the WAGEinfo\textsuperscript{10} website. For job descriptions, duties, skills and educational requirements of specific occupations in the Forestry and Logging with Support Activities industry, visit the ALIS\textsuperscript{11} website.

\textsuperscript{10} See http://www.alis.alberta.ca/wageinfo
\textsuperscript{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)

In Edmonton: 780.422.4266
Long distance: 1.800.661.3753

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Published: February 2018.
ISSN 2292-8928