

JOBS

&

Education

by Industry



Labour Market Review, April 2015

Ever wondered about the jobs held in specific industries? The education that is required for these jobs? Or whether these jobs have good employment opportunities in Sarnia Lambton?

In this report, job and education information is shown for the following local industries:

- petrochemical manufacturing
- health care & social assistance
- retail trade
- construction
- accommodation & food services
- professional, scientific & technical services
- finance & insurance

Information comes from these data sources:

1. SLWDB. *EmployerOne Survey 2015 Results*. See <http://slwdb.org/documents/2015%20ER1%20results>
2. SLWDB. *Local Labour Market Plan, 2014-2017*. See <http://www.slwdb.org/documents/Labour%20Market%20Report%202014%20English>
3. Statistics Canada. 2014, December. *Canadian Business Patterns Data*.



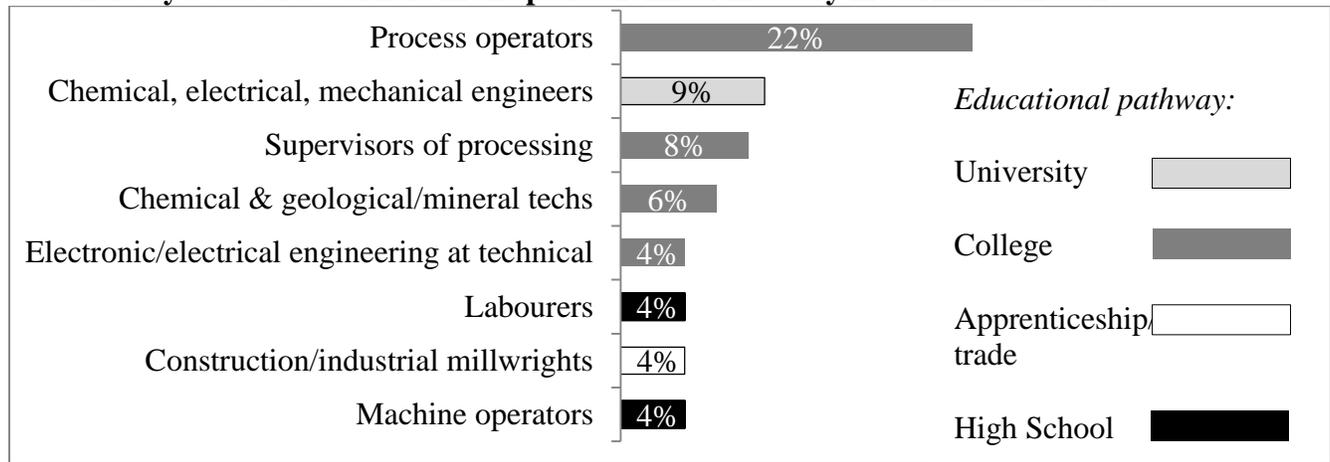
Prepared by:
Catherine Gordon, Ph.D.
Research Associate
catherine.gordon@slwdb.org
(519) 332-0000

Petrochemical Manufacturing

The petrochemical industry is made up of petroleum and chemical manufacturing. This industry has historically been a main driver of the local economy. It continues to be a focal point for economic developers.

There are about 3,500 jobs in this local industry. The typical jobs held are listed in the graph below. The number one job is process operator, followed by engineers and supervisors of processing.

Jobs held by 3 out of 5 workers in the petrochemical industry in Sarnia Lambton



Educational pathways for the typical jobs in the petrochemical industry are illustrated in the above graph. Education beyond high school is required for most jobs, except labourers and machine operators. College education is the typical educational pathway in this industry.

What jobs in the petrochemical industry have good employment opportunities?

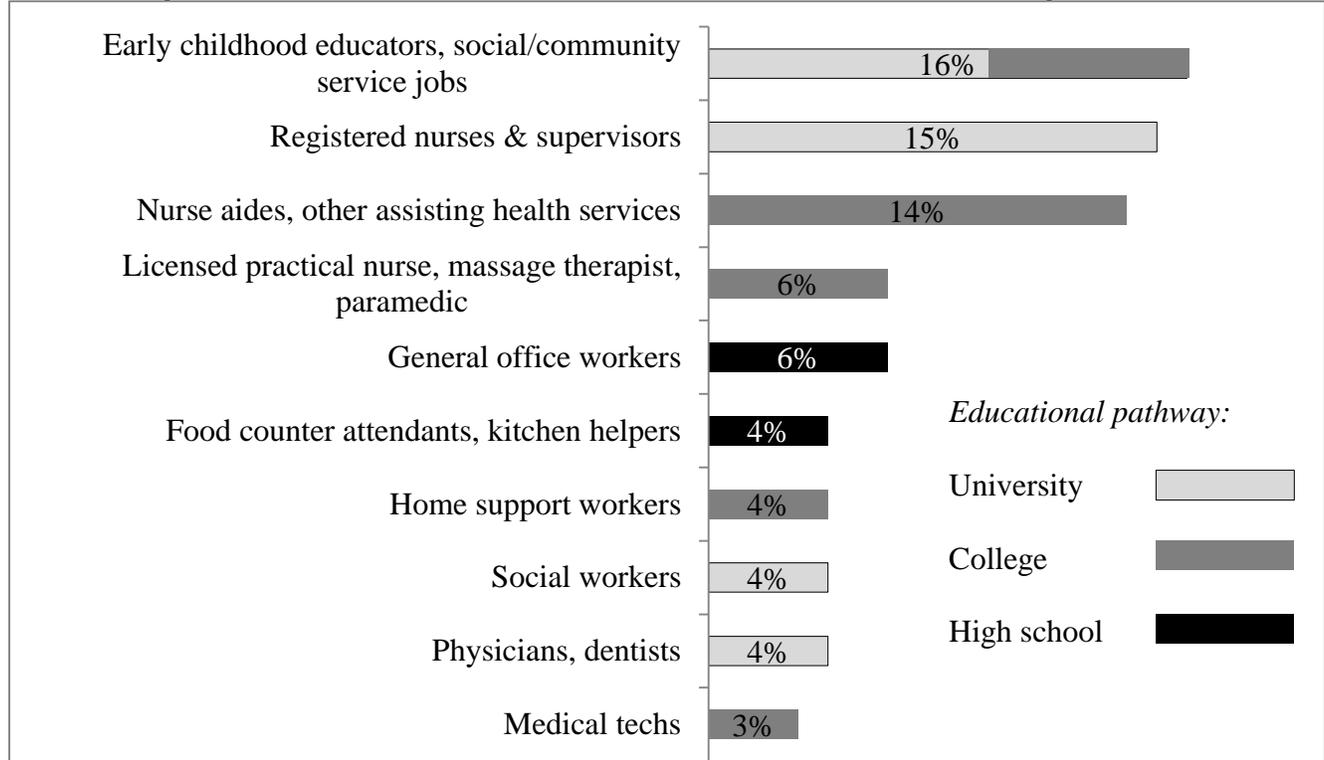
- process operators
- chemical, electrical, mechanical engineers
- supervisors of processing
- chemical & geological/mineral technicians
- electronic/electrical engineering at technical level
- construction/industrial millwrights

There are 39 businesses operating in this industry in Sarnia Lambton.

Health Care & Social Assistance

With over 6,000 jobs locally, the health care & social assistance industry has the largest workforce size in Sarnia Lambton. The graph below shows the typical jobs held in this industry, along with the educational pathway.

Jobs held by 3 out of 4 workers in the health care & social assistance industry in Sarnia Lambton



To be an early childhood educator, you need either a university or college education in early childhood education. Similarly, social/community service jobs require either a university or college education.

Medical-related jobs in health care require either a university or college education. General office jobs (such as receptionist) and food counter attendant/kitchen helper jobs require a high school education. Some general office positions may require courses taken at the college level.

What jobs in health care & social assistance have good employment opportunities?

- registered nurses & supervisors
- nurse aids, other assisting jobs (i.e., dental assistant)
- licensed practical nurse, massage therapist, paramedic
- home support workers (aka personal support worker)
- physicians, dentists
- medical technicians
- early childhood educators
- social workers

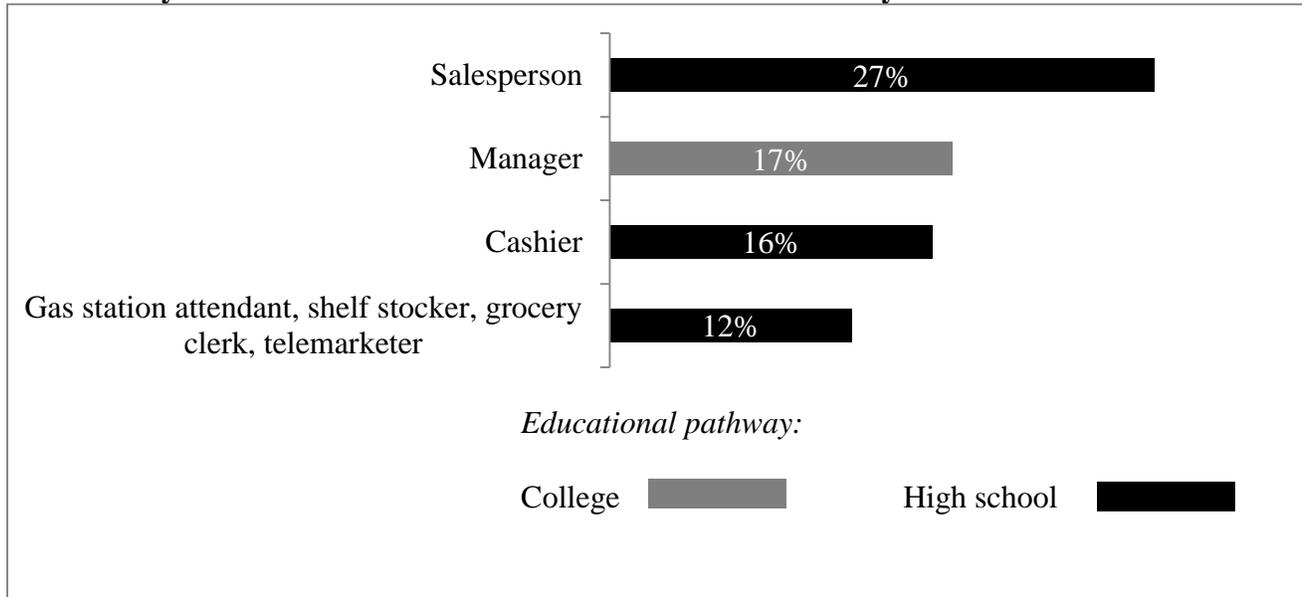
➤ *employment may not be on a permanent or full-time basis*

There are 626 organizations/businesses operating in the local health care & social assistance industry.

Retail Trade

Retail trade plays a key role in the local economy. It has the third largest workforce size in Sarnia Lambton, with about 6,000 jobs. Employers are looking for people with sales and customer service skills.

Jobs held by almost 3 out of 4 workers in the retail trade industry in Sarnia Lambton



Most retail jobs require high school education or sometimes less than high school. The exception is management jobs. If one aspires to become a manager, college education in business administration is necessary.

What retail jobs have good employment opportunities?

- manager
- salesperson
- customer service

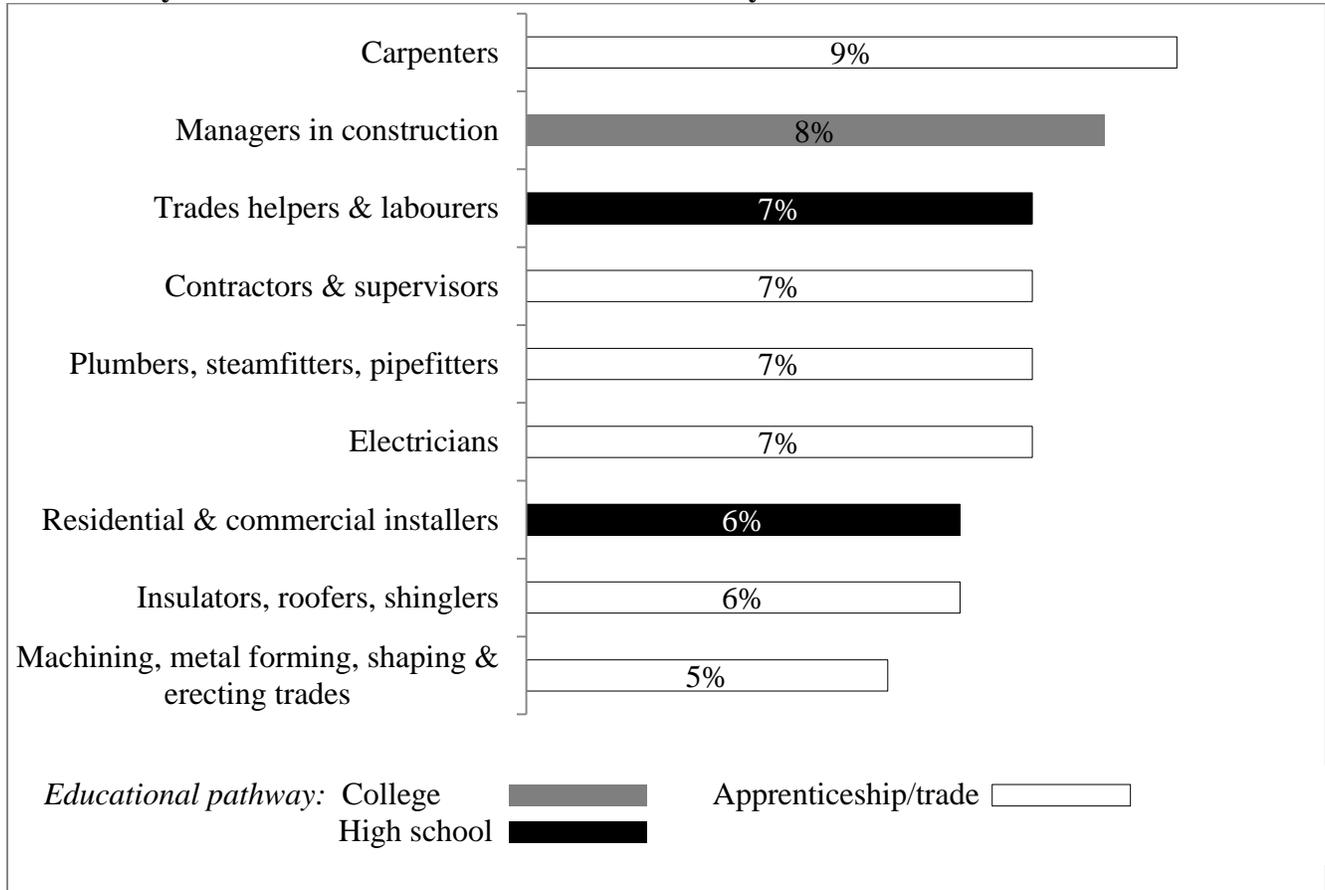
- *part-time jobs are typical*
- *temporary jobs are not uncommon*

There are 855 retail trade businesses in Sarnia Lambton.

Construction

The majority of construction jobs are trades-related. The typical construction jobs held are shown in the graph below, along with their educational pathways. Unsurprisingly, most of these jobs require apprenticeship/trades training. Helpers & labourers and residential & commercial installers typically need at least a high school education. To be a construction manager, the completion of college or some college courses may be required.

Jobs held by 3 of 5 workers in the construction industry in Sarnia Lambton



What construction jobs have good employment opportunities?

- carpenters
- contractors & supervisors
- sprinkler fitter
- managers
- pipefitter

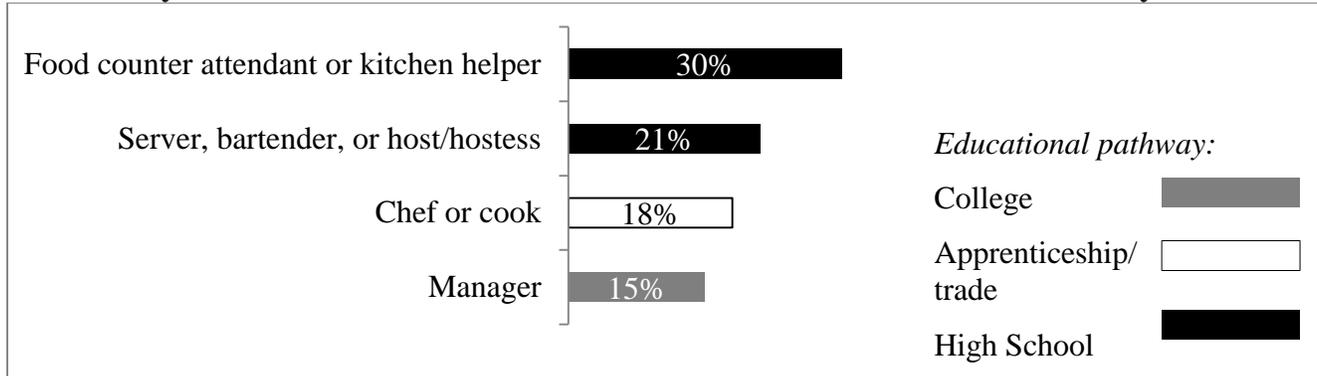
➤ employment can be seasonal

There are 1,027 construction companies in Sarnia Lambton.

Accommodation & Food Services

Accommodation & food services is another large source of employment in Sarnia Lambton. This industry accounts for about 4,000 jobs locally.

Jobs held by 4 of 5 five workers in the local accommodation & food services industry



Sometimes a college diploma or completion of college courses is required for server or bartender jobs. A smart serve certification is also required to be a bartender. Kitchen helpers may need a food handler certification. Servers may need smart serve and/or food handler certifications.

What jobs in accommodation & food services have good employment opportunities?

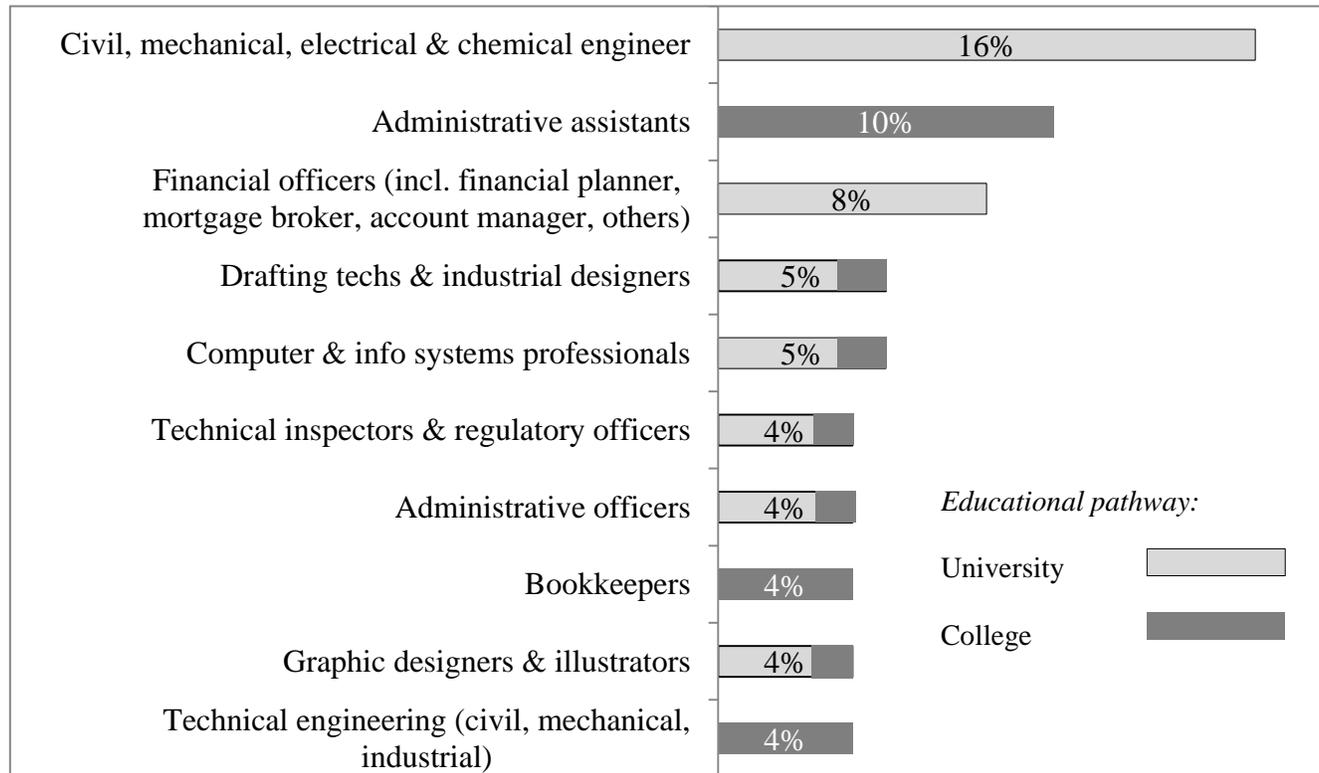
- servers
 - bartenders
 - cooks
 - cleaning
- employment can be seasonal and/or part-time

There are 366 businesses operating in accommodation & food services in Sarnia Lambton.

Professional, Scientific & Technical Services

This industry includes a variety of services including: accounting, advertising, architecture, computer system, consulting, design, engineering, legal, public relations, and research and development.

Jobs held by 3 of 5 workers in the professional services industry in Sarnia Lambton



Most jobs in this industry require either a university or college education. In the graph above, some jobs have both university and college labelled as the educational pathway. For example, industrial designer jobs may require a college diploma in industrial design or a university degree from architecture, engineering, or industrial design. Some employers don't have a preference.

There are specific postsecondary programs for all of the typical positions listed.

What jobs in professional services have good employment opportunities?

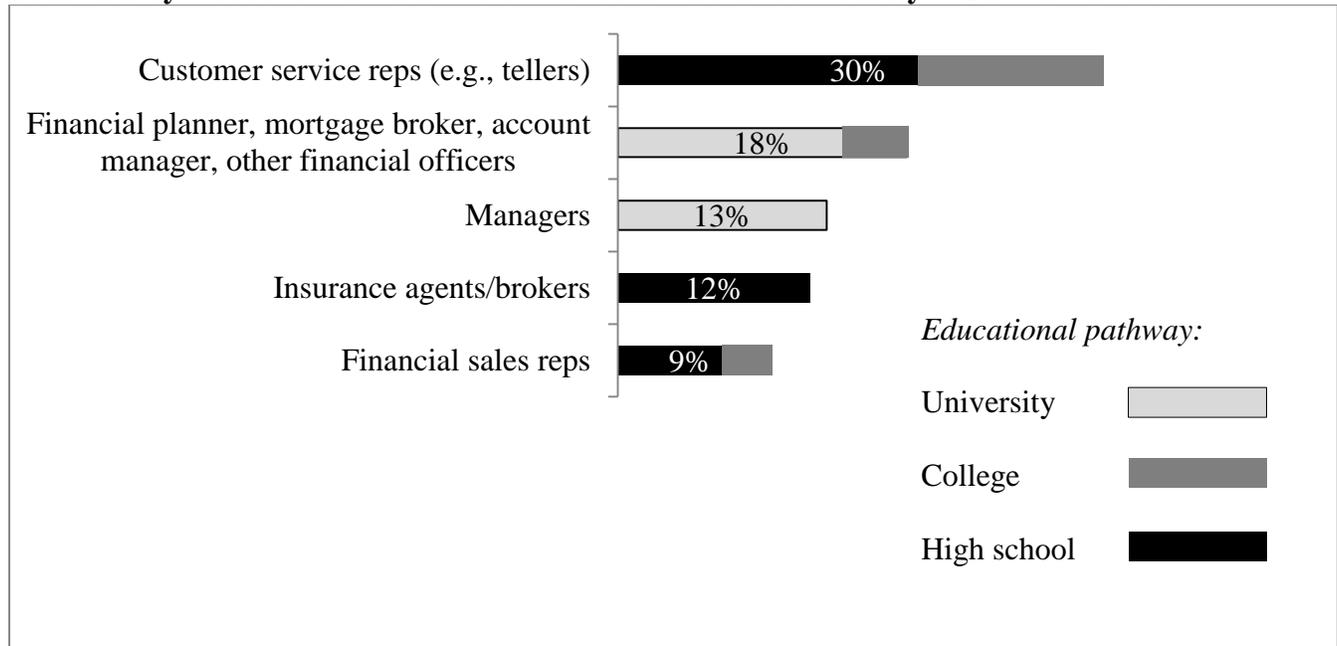
- engineers (professional & technical)
- administrative assistants
- financial auditors & accountants
- drafting techs & industrial designers
- computer & info systems professionals
- technical inspectors & regulatory officers
- administrative officers
- bookkeepers
- graphic designers & illustrators

There are 763 businesses operating in this local industry.

Finance & Insurance

Finance & insurance is a growing industry in Sarnia Lambton with an increasing number of businesses and employees. Employers are looking for people with sales and customer service skills.

Jobs held by 4 out of 5 workers in the finance & insurance industry in Sarnia Lambton



Manager, financial planner and other financial officer jobs require postsecondary education in business administration, commerce, economics, or other business programs. Customer service and financial sales representative jobs may require college education in business administration or related fields. Sometimes a high school education is acceptable for customer service and financial sales jobs, but likely only if someone has work experience.

Licenses and certifications are also required for some finance and insurance jobs. Including:

- Chartered Financial Planner certificate for financial planners
- Insurance license to be an insurance agent/broker
- Mutual funds license for financial sales representatives if sell mutual funds

What jobs in finance and insurance have good employment opportunities?

- administrative assistants
- financial planner or advisors
- customer service representatives
- financial sales representatives

There are 480 businesses operating in the local finance & insurance industry.