

Alberta's Labour Market Highlights, 2017

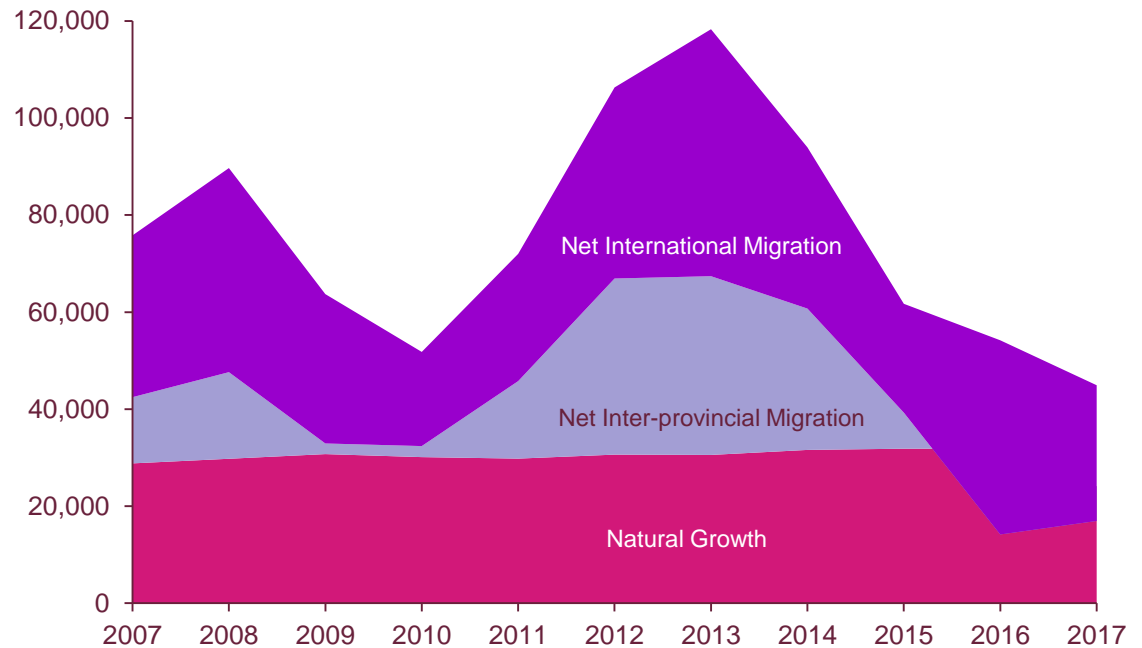
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Characteristics of the Workforce

Components of Population Growth

- The contribution of inter-provincial migration to population growth in Alberta declined as a result of the weak economic conditions in the province.
- Migration, however, continued to be the major source of population growth.

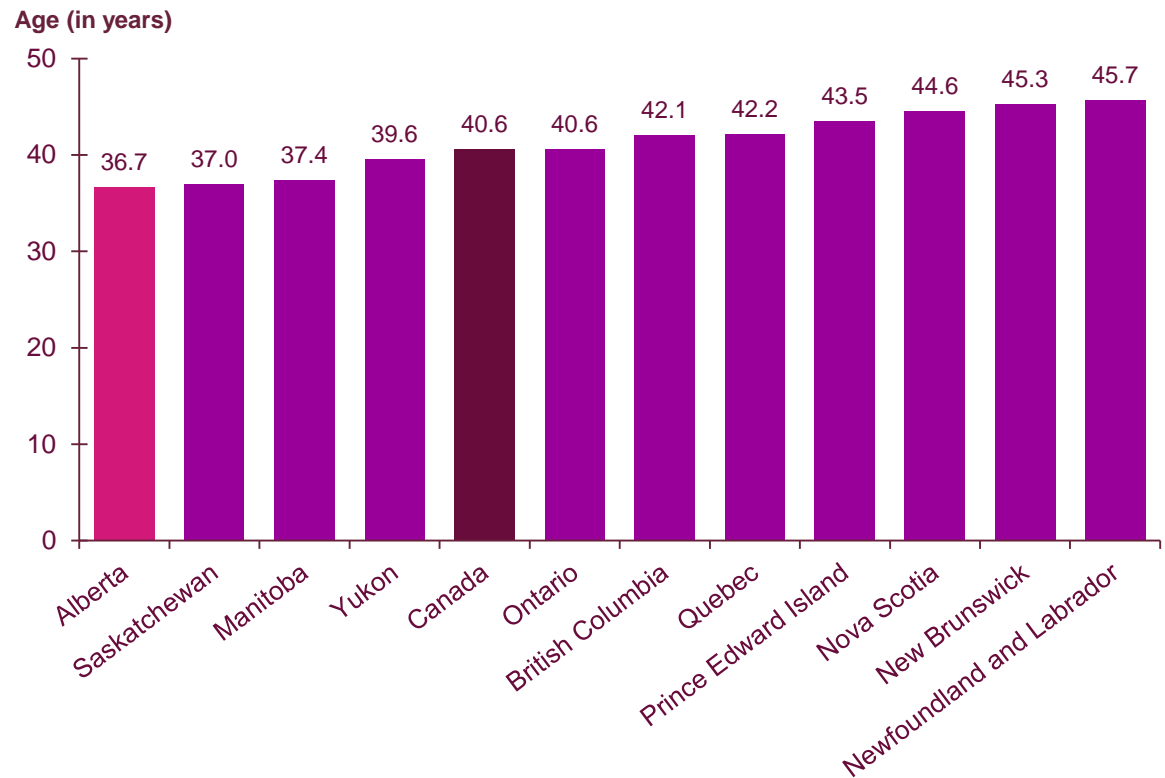


Notes: Figures for 2017 are for the first three quarters only.
Net International Migration includes Net Non-Permanent Residents

Data Source: Alberta Treasury Board and Finance, December 2017

Median Age in Canada and Provinces*

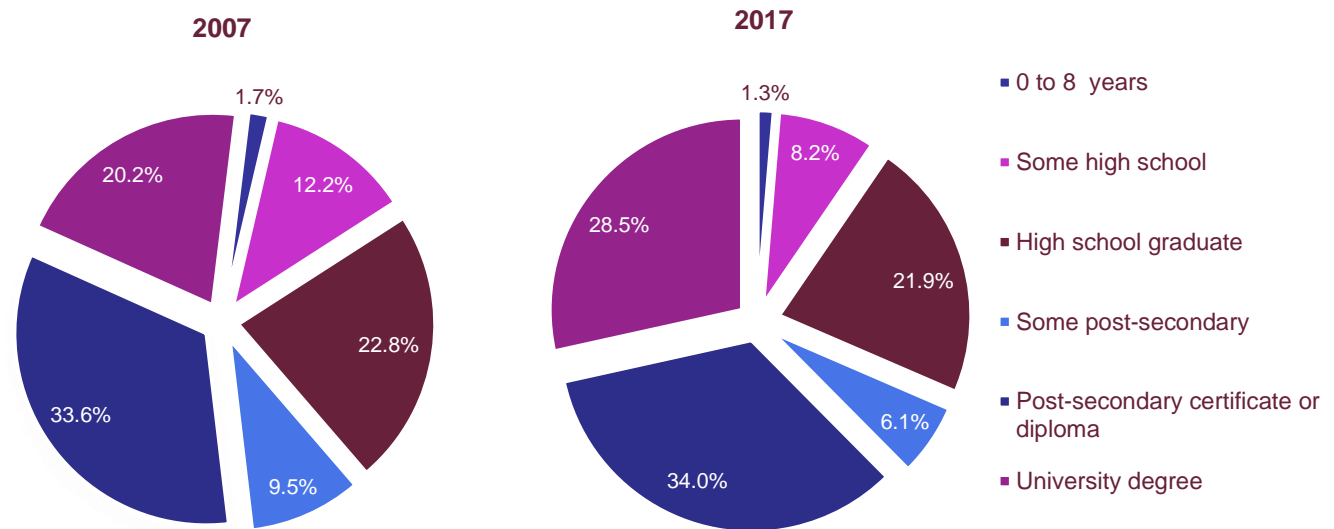
- Alberta has one of the youngest populations and youngest labour supply in the country.



* As of July 1, 2017
Source: Statistics Canada, Population Estimates, CANSIM, 2018

Educational Attainment of Alberta's Labour Force

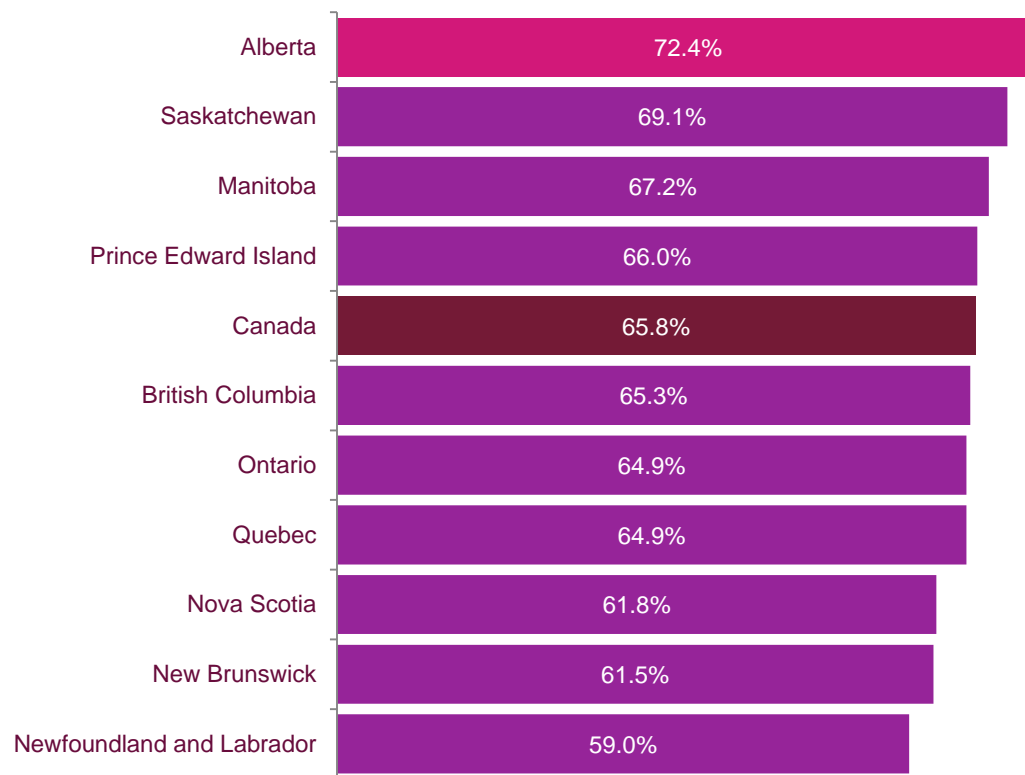
- Alberta's labour force remained highly educated. The combined share of workers with post-secondary certificate and university degree rose to 62.5% in 2017 from 53.8% in 2007.



Source: Statistics Canada, Population Estimates, CANSIM, 2018

Labour Force Participation Rates, 2017

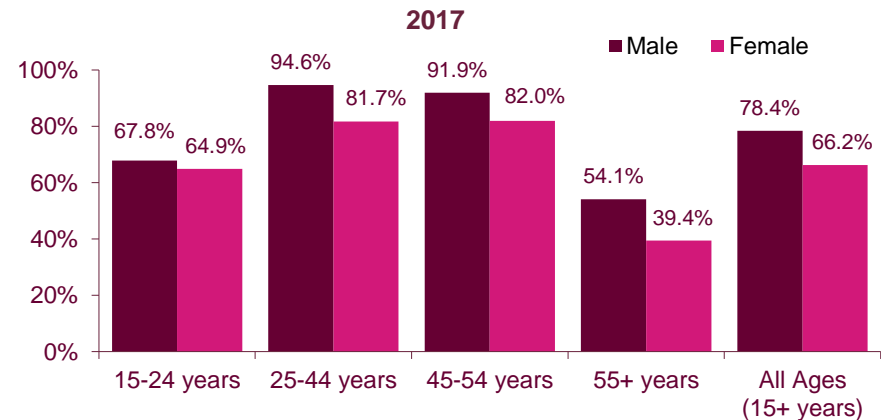
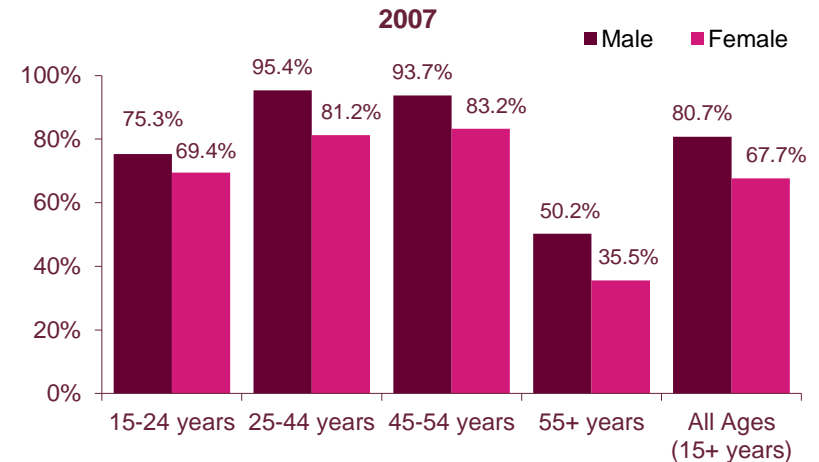
- Participation rate in the labour force by Albertans was the highest among all provinces.
- Alberta's labour force participation rate remained above 70% since 1980.



Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2018

Participation Rate by Age Group and Gender

- Women's participation rate was lower than that of men across all age groups.
- However, the gap between men's and women's labour market participation has narrowed.



Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2018

Labour Force Statistics by Economic Region, 2017

Banff-Jasper-Rocky Mountain House and Athabasca-Grande Prairie-Peace River

- Working age population 275,600
- Labour force 195,400
- Unemployment rate 6.4%

Edmonton

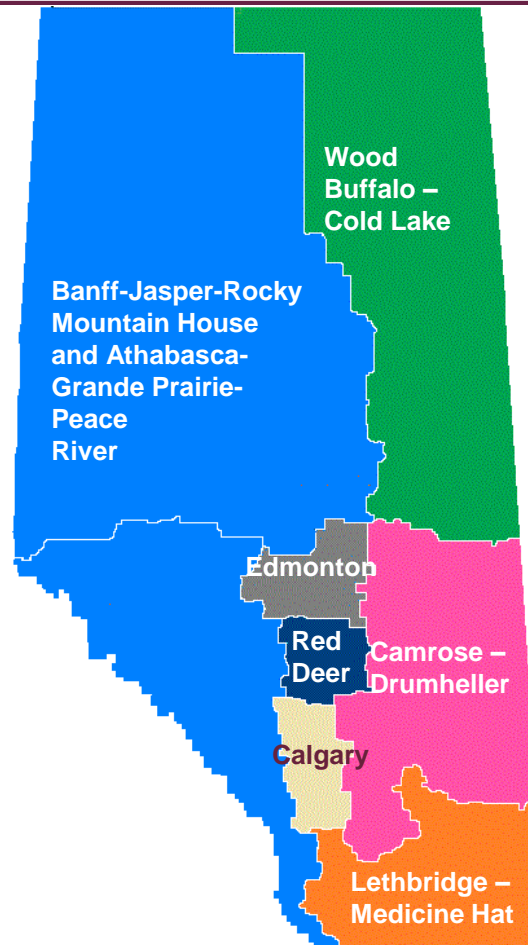
- Working age population 1,164,500
- Labour force 848,000
- Unemployment rate 8.1%

Red Deer

- Working age population 173,200
- Labour force 122,500
- Unemployment rate 6.9%

Calgary

- Working age population 1,308,000
- Labour force 965,000
- Unemployment rate 8.4%



Wood Buffalo – Cold Lake

- Working age population 117,500
- Labour force 90,100
- Unemployment rate 7.7%

Camrose – Drumheller

- Working age population 160,100
- Labour force 107,800
- Unemployment rate 8.0%

Lethbridge – Medicine Hat

- Working age population 229,800
- Labour force 152,800
- Unemployment rate 5.7%

Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2018

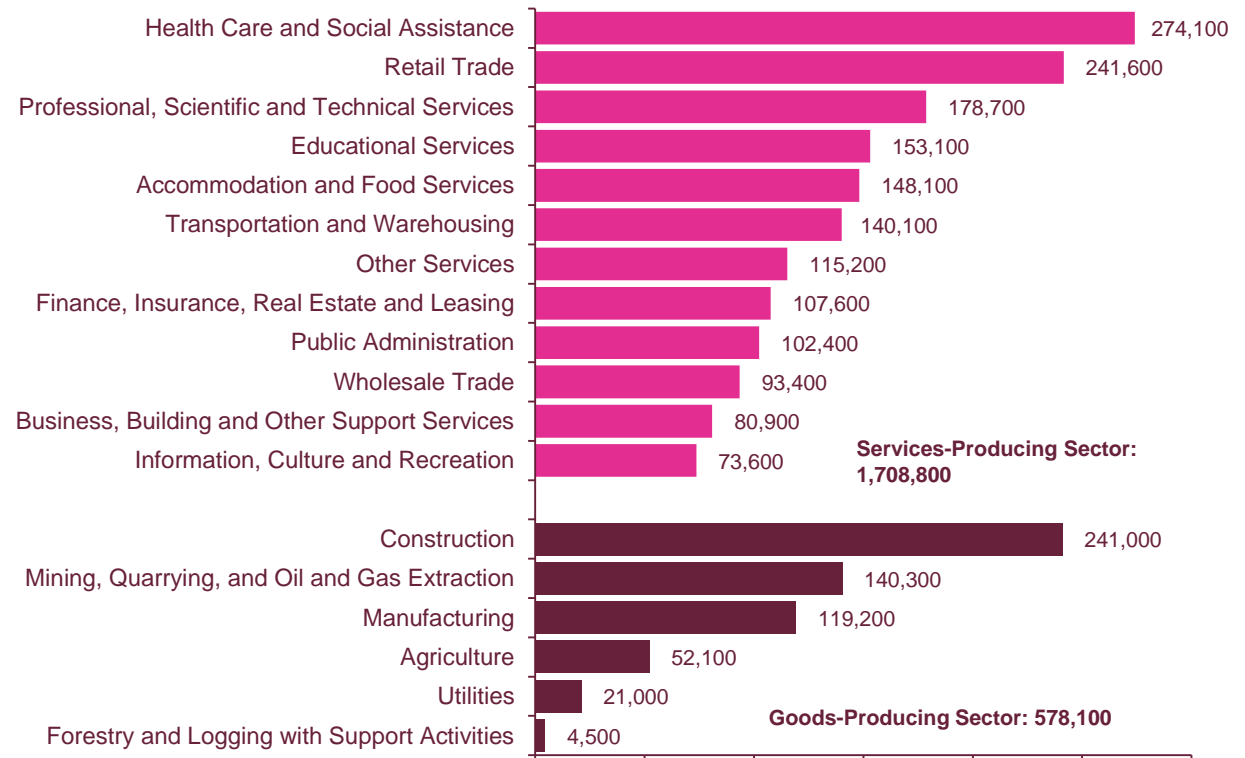
Alberta 

Employment



Employment by Industry, 2017

- Industries in the Services-Producing Sector were the major employers in Alberta. The sector accounted for almost three-fourths of employed Albertans.



Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2018

Change in Employment by Industry

- Alberta posted employment growth in 2017, a mild recovery from the previous year's decline.
- The Forestry and Wholesale Trade industries led employment growth.

Industry	2016	2017	% Change
Total, all industries	2,263,800	2,286,900	1.0%
Goods-Producing Sector	577,900	578,100	0.0%
Agriculture	50,800	52,100	2.6%
Forestry and Logging with Support Activities	4,000	4,500	12.5%
Mining and Oil and Gas Extraction	135,800	140,300	3.3%
Utilities	19,800	21,000	6.1%
Construction	251,900	241,000	-4.3%
Manufacturing	115,500	119,200	3.2%
Services-Producing Sector	1,685,900	1,708,800	1.4%
Wholesale Trade	83,700	93,400	11.6%
Retail Trade	246,400	241,600	-1.9%
Transportation and Warehousing	131,800	140,100	6.3%
Finance, Insurance, Real Estate and Leasing	106,100	107,600	1.4%
Professional, Scientific and Technical Services	179,300	178,700	-0.3%
Business, Building and Other Support Services	79,500	80,900	1.8%
Educational Services	149,500	153,100	2.4%
Health Care and Social Assistance	269,400	274,100	1.7%
Information, Culture and Recreation	76,300	73,600	-3.5%
Accommodation and Food Services	144,400	148,100	2.6%
Other Services	122,400	115,200	-5.9%
Public Administration	97,100	102,400	5.5%

Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2018

Employment by Occupation, 2017



Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2018

Change in Employment by Occupation

- Natural resources, agriculture and related production occupations led the growth in employment.

Occupation	2016	2017	Change
Total, all occupations	2,263,800	2,286,900	1.0%
Occupations in art, culture, recreation and sport	51,900	47,800	-7.9%
Occupations in education, law and social, community and government services	236,500	236,700	0.1%
Health occupations	164,400	160,800	-2.2%
Sales and service occupations	512,000	515,500	0.7%
Business, finance and administration occupations	368,600	365,600	-0.8%
Natural and applied sciences and related occupations	178,500	183,700	2.9%
Trades, transport and equipment operators and related occupations	408,000	403,500	-1.1%
Occupations in manufacturing and utilities	65,400	67,000	2.4%
Management occupations	204,100	217,700	6.7%
Natural resources, agriculture and related production occupations	74,400	88,700	19.2%

Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2018

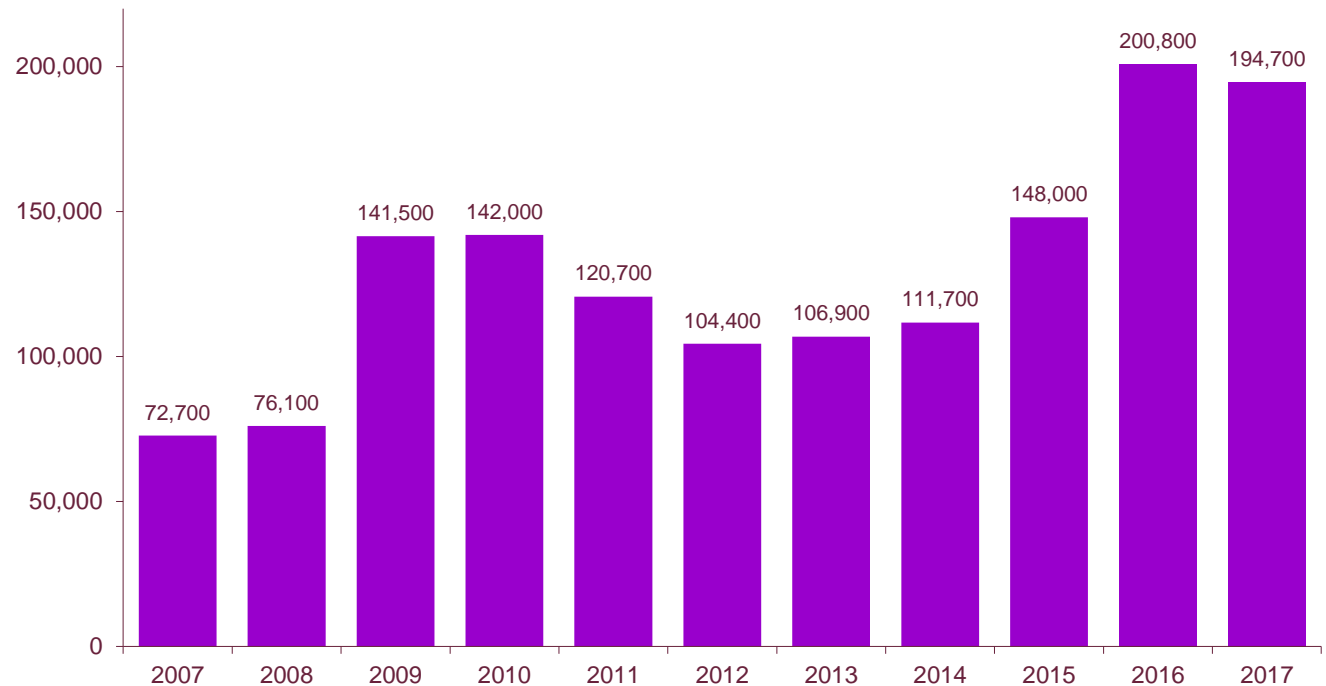
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Unemployment



Number of Unemployed

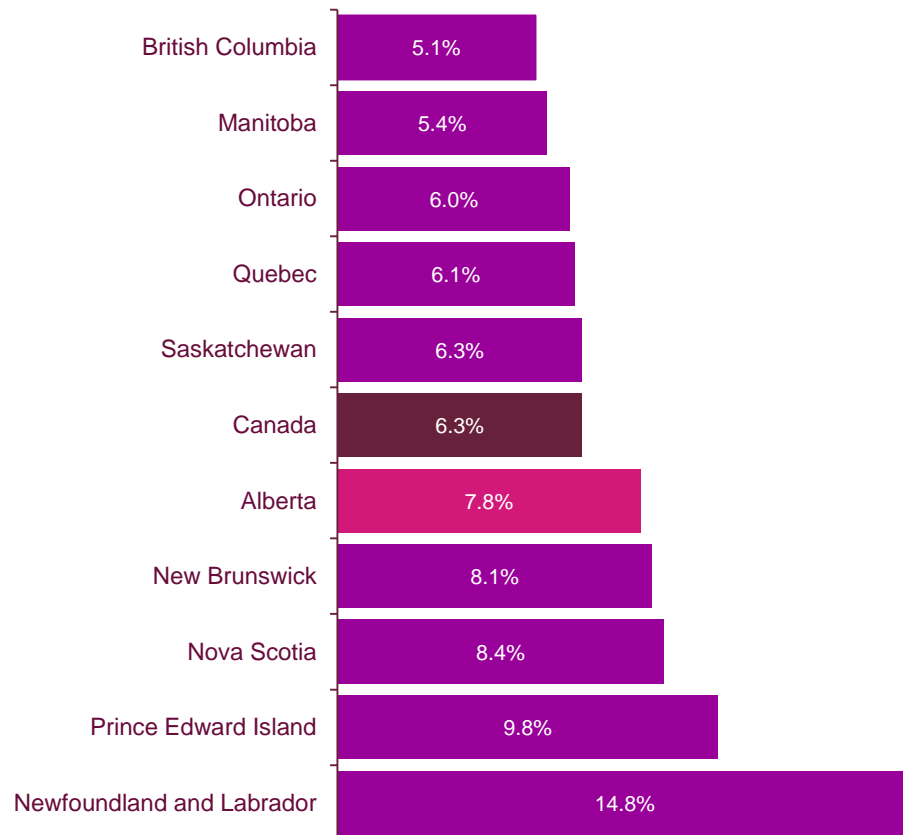
- The number of unemployed Albertans declined slightly in 2017, after two consecutive years of sharp increases.



Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2018

Unemployment Rate in Canada and Provinces, 2017

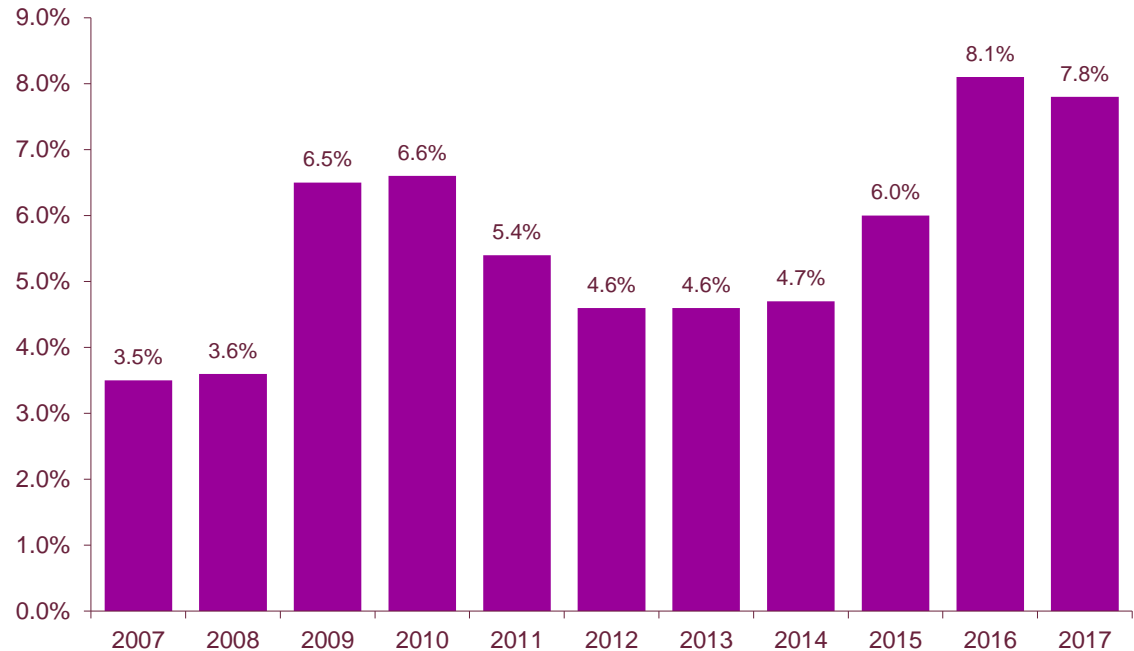
- In 2017, Alberta's unemployment rate was higher than the national rate just like in 2016.



Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2018

Unemployment Rate in Alberta

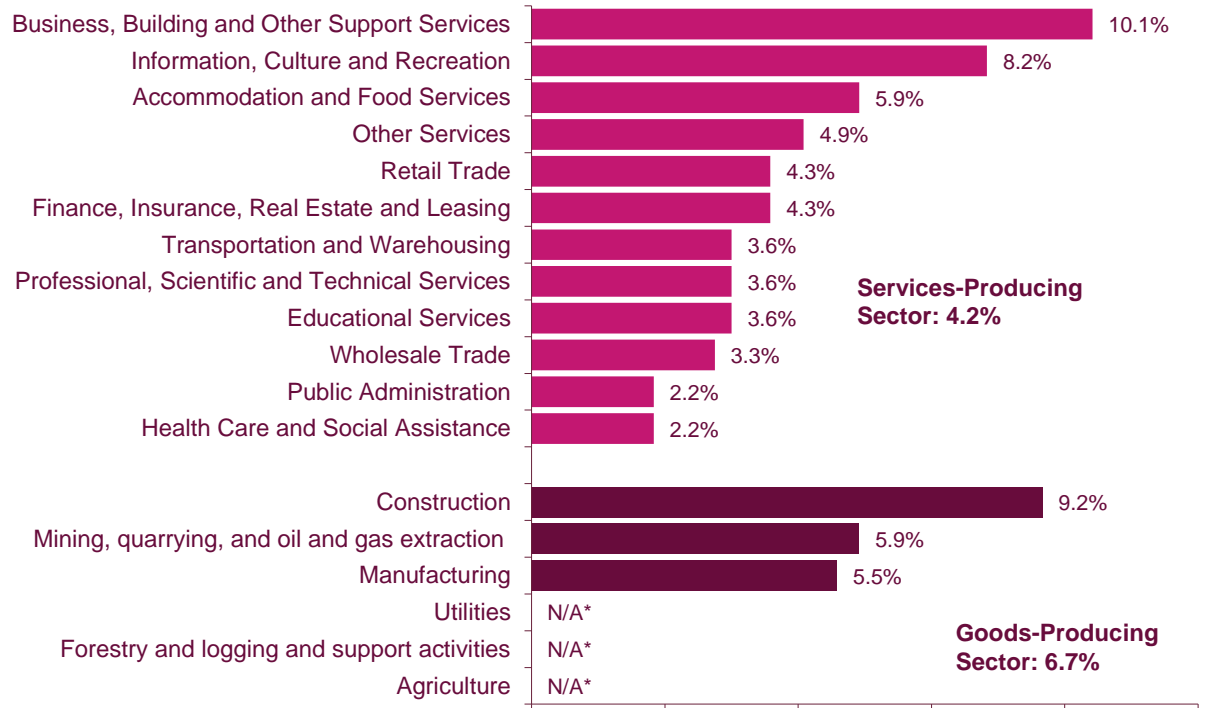
- Unemployment rate in the province dipped slightly after three consecutive years of increases.



Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2018

Unemployment Rate by Industry, 2017

- Unemployment rate in most industries were lower in 2017 compared to 2016 but were still higher than their respective 10-year averages.
- Unemployment rate in the Goods-Producing Sector remained higher than in the Services-Producing Sector.

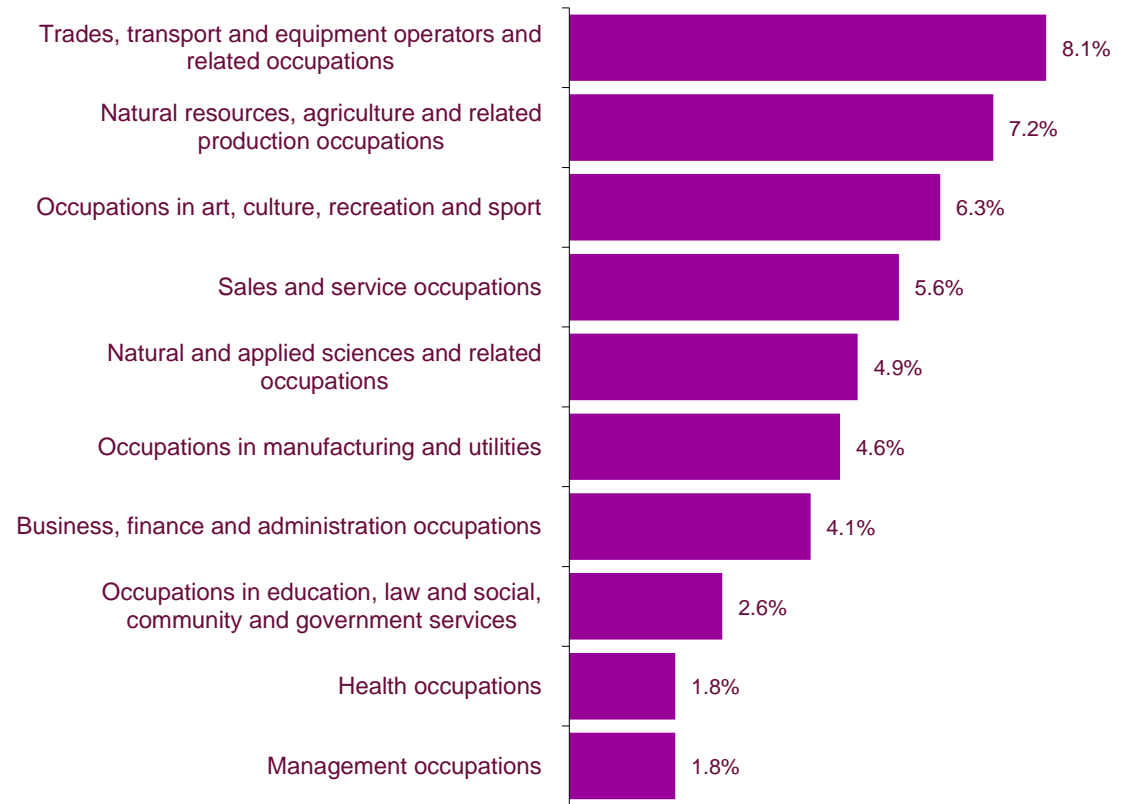


N/A* denotes data suppressed by Statistics Canada to meet the confidentiality requirements of the Statistics Act.

Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2018

Unemployment Rate by Occupation, 2017

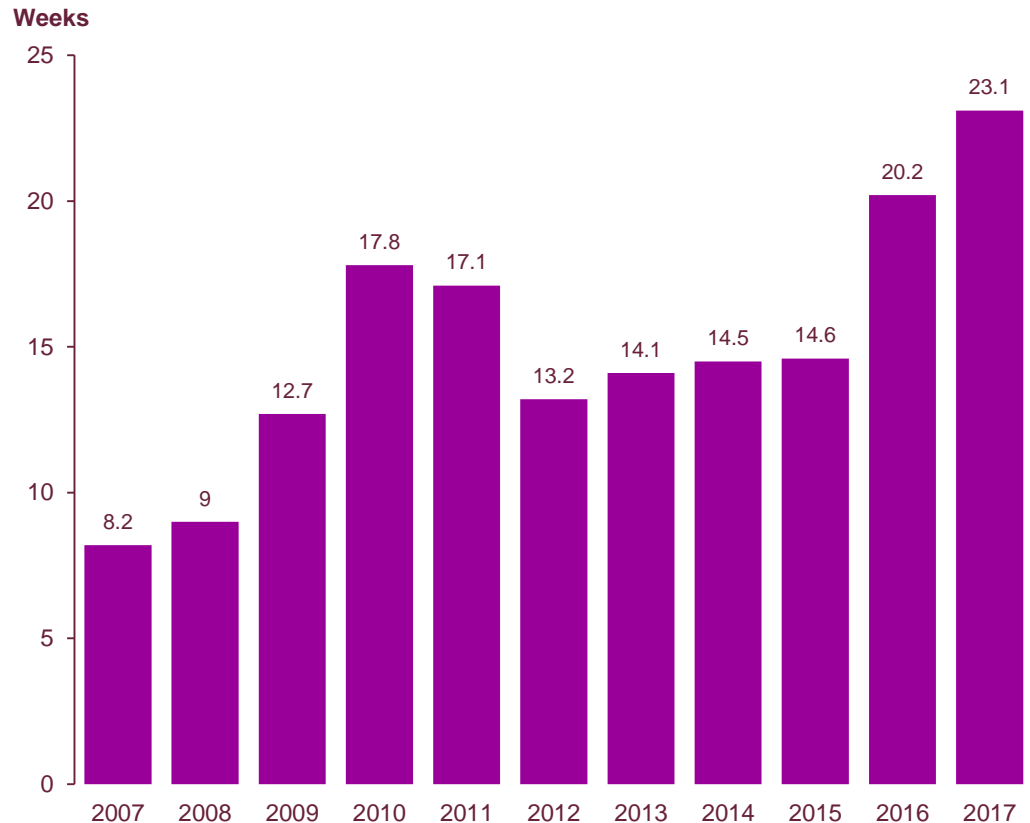
- Trades occupations and Natural resources-related occupations had the highest unemployment rate as they were mostly impacted by the sustained decline in oil prices. However, the unemployment rates in 2017 declined compared to 2016.



Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2018

Duration of Unemployment

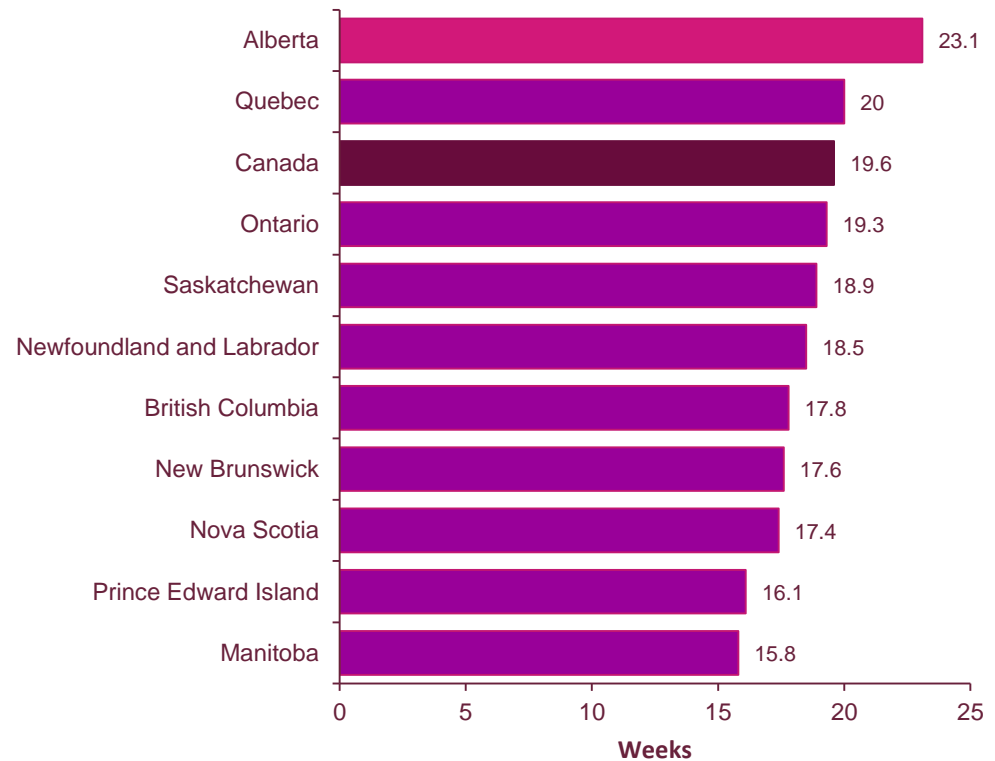
- The duration of unemployment in Alberta reached an average of 23.1 weeks in 2017.
- This unemployment duration was the highest seen in the last 10 years.



Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2018

Duration of Unemployment in Canada and Provinces, 2017

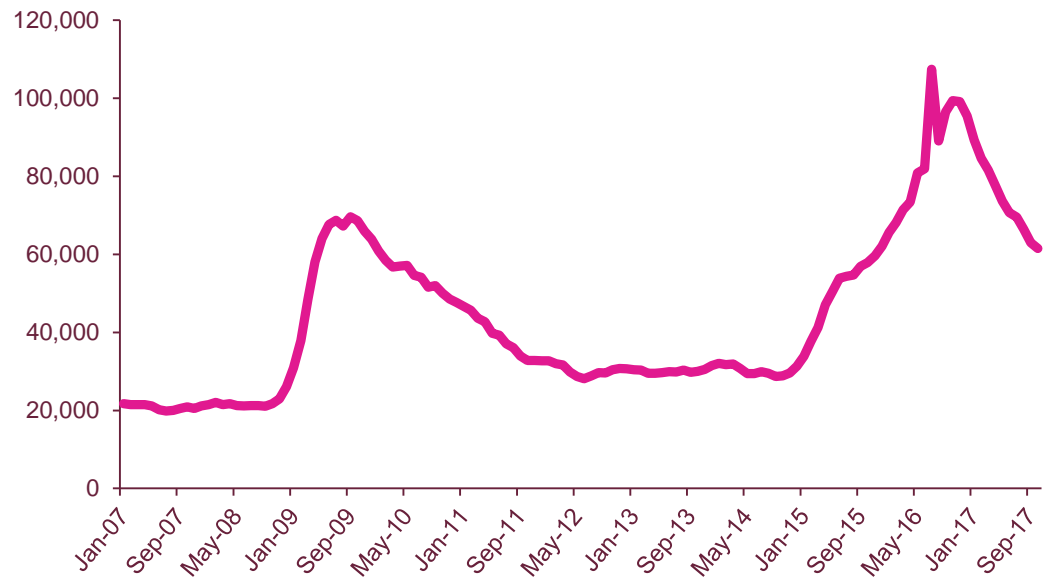
- The unemployment duration of 23.1 weeks in Alberta was the highest among the provinces. This was also higher compared to the national average of almost 20 weeks.



Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2018

Number of Employment Insurance (EI) Beneficiaries

- The number of Albertans receiving EI benefits have been decreasing since its peak in July 2016, when EI rules changed.



Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2018

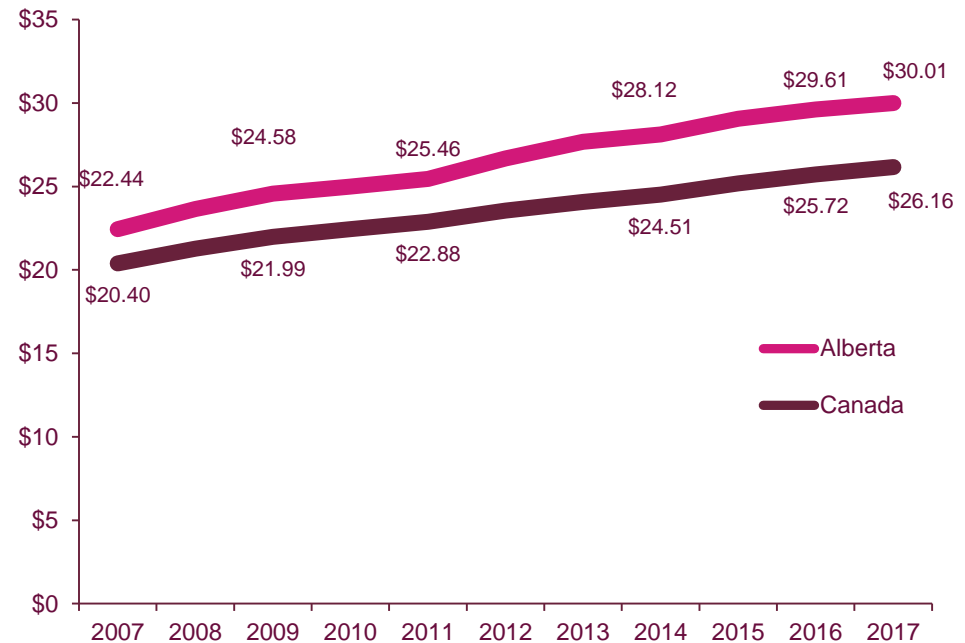
Alberta 

Wages



Average Hourly Wages

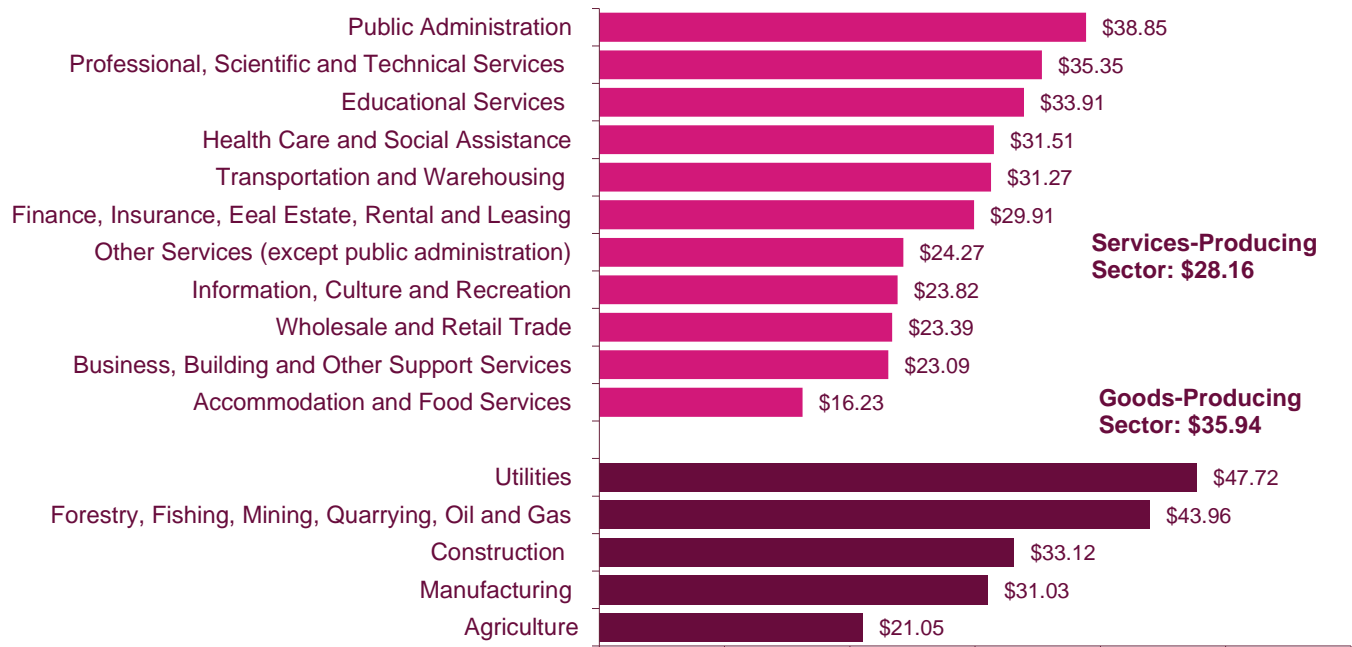
- Alberta's average hourly wage remained higher than the national average.



Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2018

Average Hourly Wages by Industry, 2017

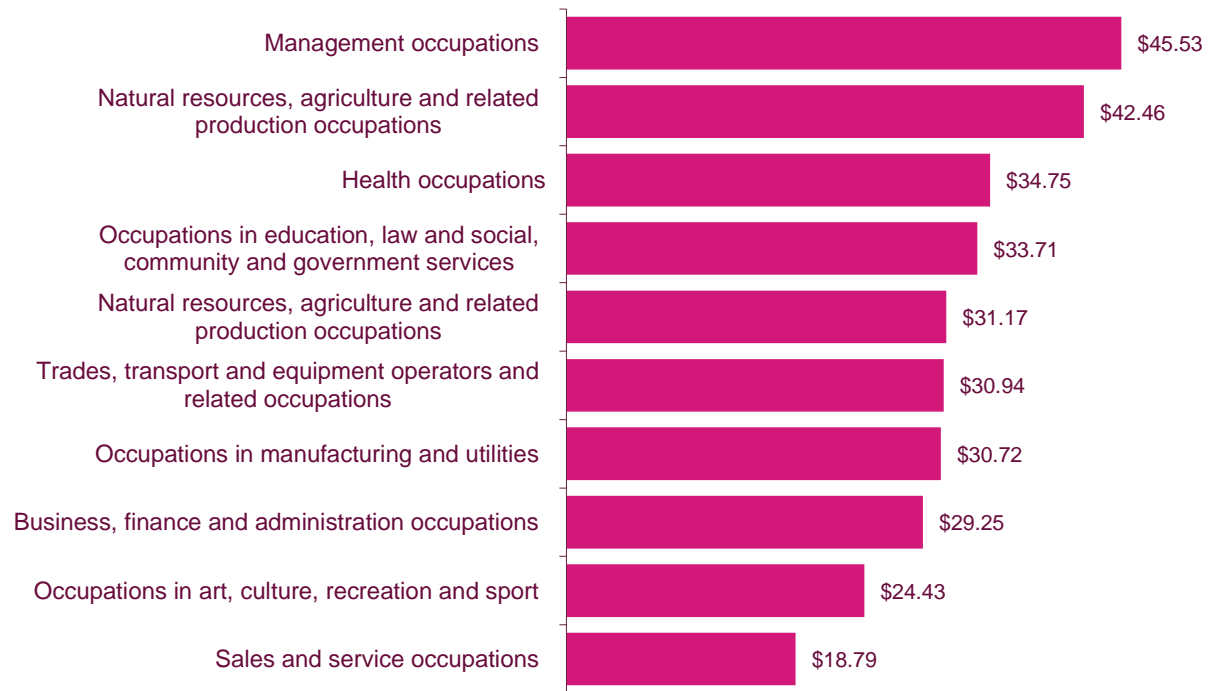
- Average hourly wage in the Goods-Producing Sector was consistently higher than in the Services-Producing Sector.



Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2018

Average Hourly Wages by Occupation, 2017

- Management occupations and Natural resources, agriculture and related occupations constantly remained the top two highest paid.



Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2018

Alberta 

Labour Market Outlook

10-Year Labour Market Outlook

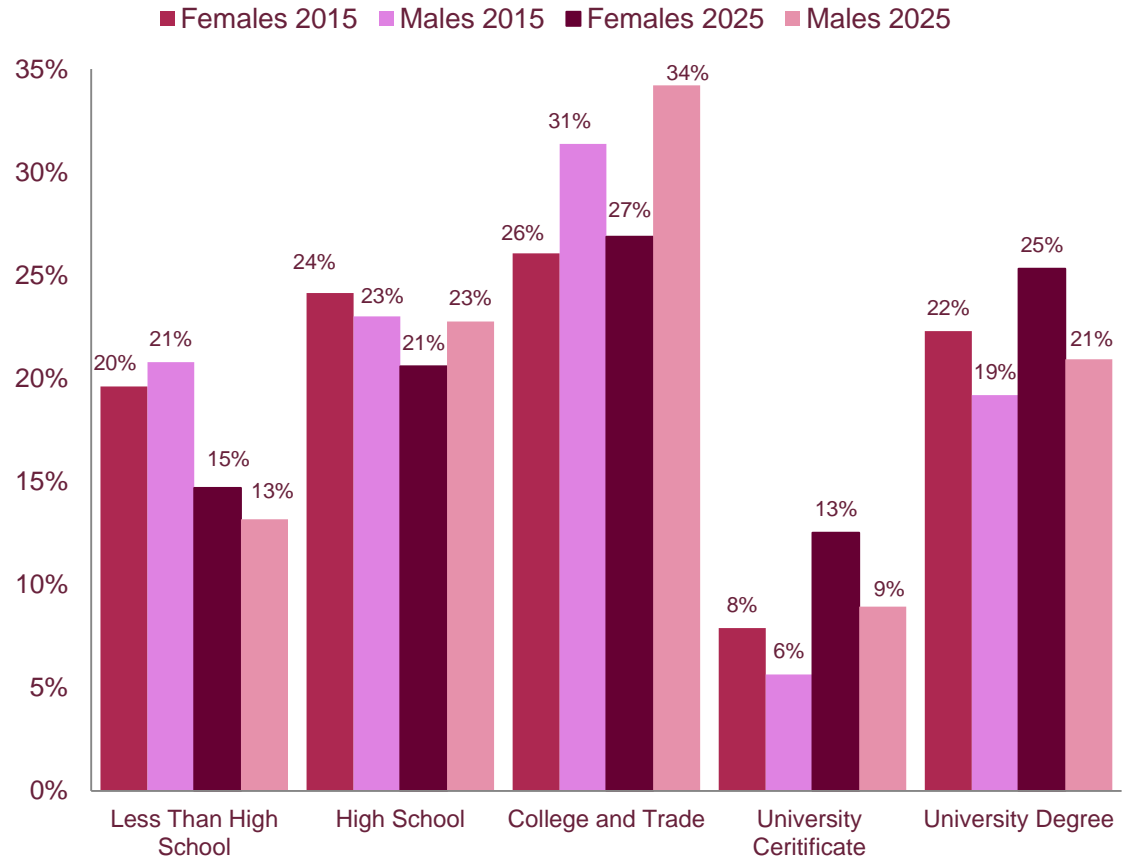
- Despite the current economic downturn, Alberta expects a 49,000 labour shortage in the next 10 years.



Data Source: Alberta Occupational Demand and Supply Outlook, 2015-2025

Educational Attainment Outlook, 2015 and 2025

- Between 2015 and 2025, the quality of labour supply in Alberta is expected to improve further based on the forecasted overall level of educational attainment.
- The share of College, Trade, and University graduates will increase in 2025 compared to those seen in 2015.



Data Source: Alberta Occupational Demand and Supply Outlook, 2015-2025

Occupation Outlook, 2017-2019

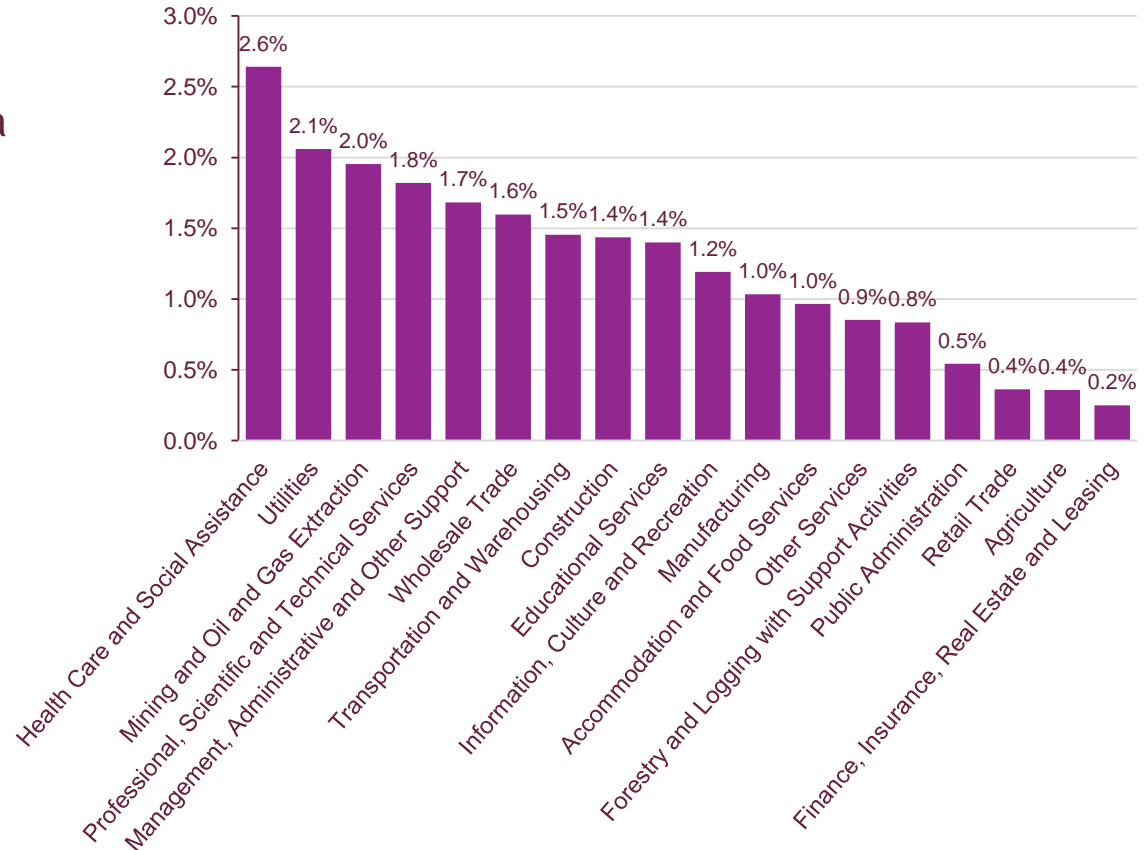
- In the short-term, these are examples of occupations expected to be in demand.

Occupation Title
0121 Insurance, real estate and financial brokerage managers
0124 Advertising, marketing and public relations managers
0311 Managers in health care
0631 Restaurant and food service managers
3012 Registered nurses and registered psychiatric nurses
3111 Specialist physicians
3112 General practitioners and family physicians
3113 Dentists
3131 Pharmacists
3216 Medical sonographers
3233 Licensed practical nurses
4214 Early childhood educators and assistants
6311 Food service supervisors
6315 Cleaning supervisors
6322 Cooks
6711 Food counter attendants, kitchen helpers and related support occupations
7272 Cabinetmakers
7283 Tilesetters
7334 Motorcycle, all-terrain vehicle and other related mechanics
8252 Agricultural service contractors, farm supervisors and specialized livestock workers
8431 General farm workers
9462 Industrial butchers and meat cutters, poultry preparers and related workers

Data Source: Alberta's Short-Term Employment Forecast (STEF), 2017-2019

Industry Employment Outlook, 2017 - 2021

- Employment in Alberta is expected to recover moderately by 1.3% between 2017 and 2021.
- The top 3 sectors to lead the employment growth are: Health Care; Utilities; and Mining and Oil and Gas.



Data Source: Canadian Occupational Projection System, Alberta Industry Employment Outlook: 2017 - 2021

Alberta 

Online Resources

For more information, please visit:

Alberta Labour (Labour Market Information):

www.work.alberta.ca/lmi

Alberta Learning Information Service:

www.alis.alberta.ca

Canada-Alberta Job Bank:

www.jobbank.gc.ca

Statistics Canada:

www.statcan.gc.ca

Alberta-Canada (Workforce Opportunities in Alberta)

www.albertacanada.com

www.work.alberta.ca/lmi

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