

Alberta's Labour Market Highlights, 2016

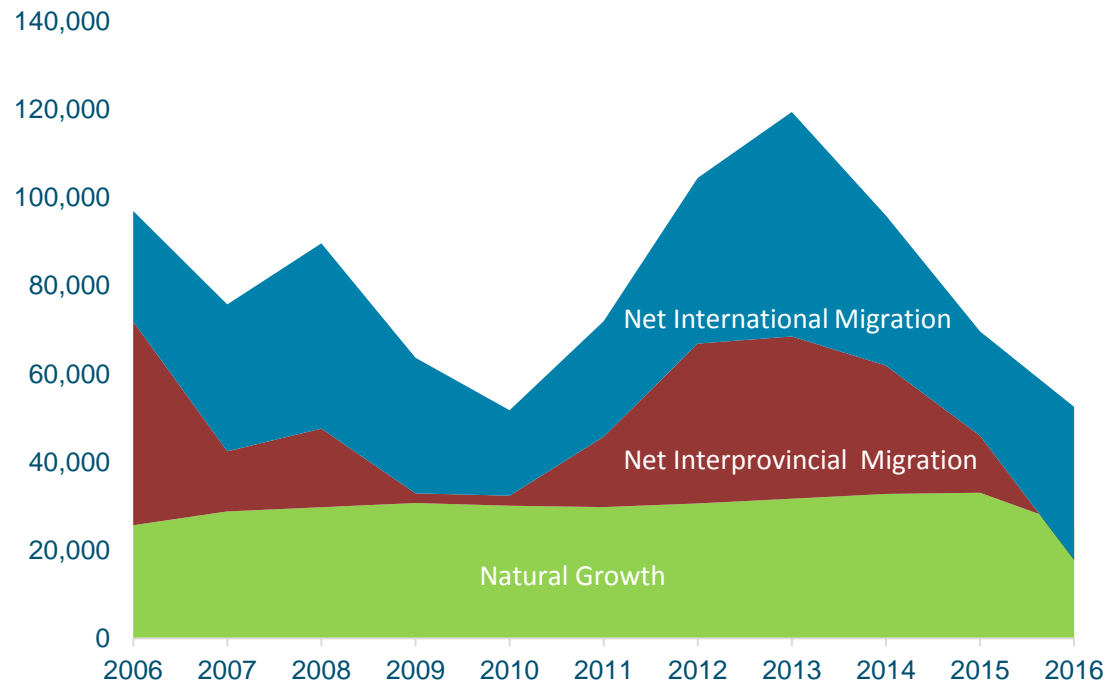
Table of Contents

- **Profile of Workforce**
- **Employment**
- **Unemployment**
- **Wages**
- **Labour Market Outlook**
- **Online Resources**

Profile of Workforce

Components of Population Growth

- The contribution of migration to population growth in Alberta is declining as a result of the prevailing economic conditions in the province.
- Migration, however, continues to be the major source of population growth.



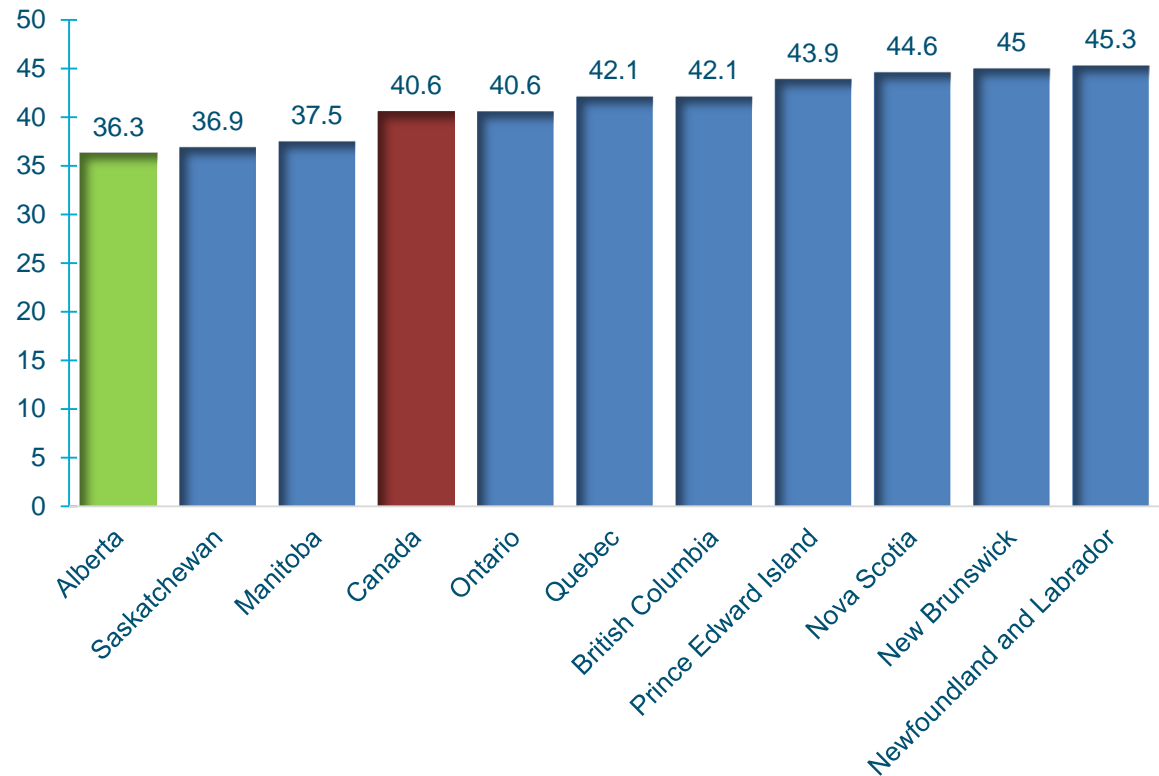
Notes: Figures for 2016 are for the first three quarters only
Net International Migration includes Net Non-Permanent Residents

Data Source: Alberta Treasury Board and Finance, December, 2016

Median Age in Canada and Provinces

As of July 2016 (in years)

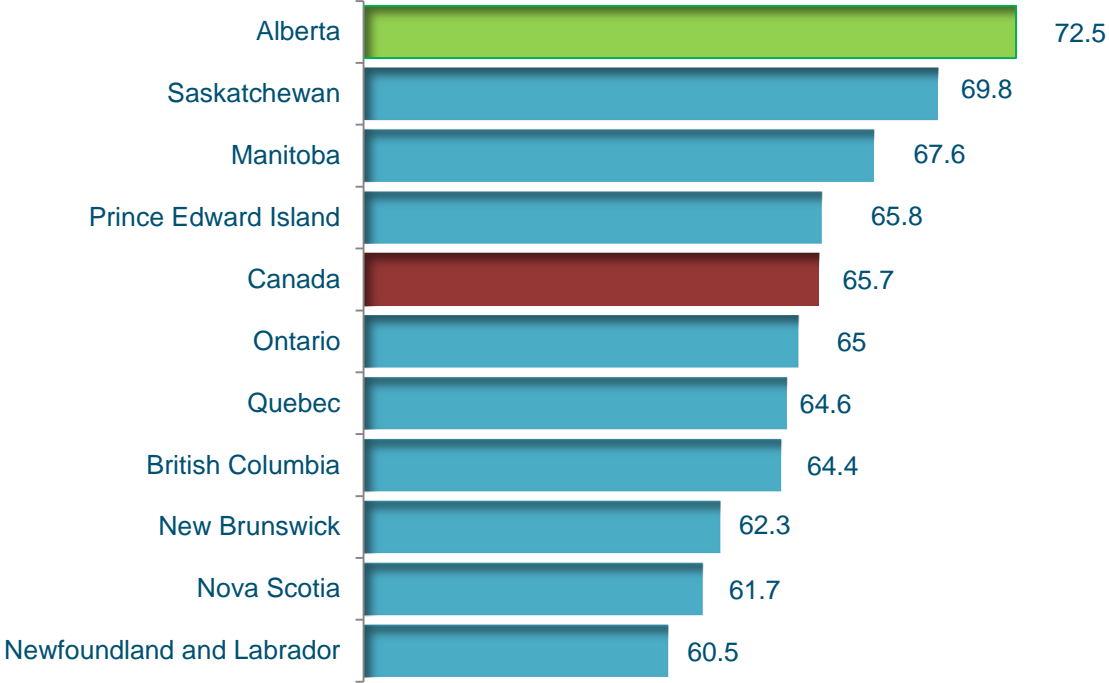
- Alberta has one of the youngest populations and youngest labour supply in the country.



Source: Statistics Canada, Population Estimates, CANSIM, 2017

Labour Force Participation Rates, 2016

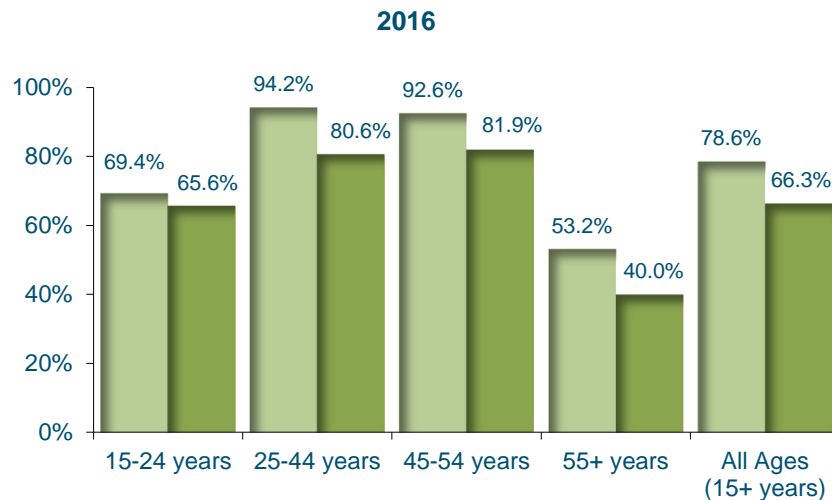
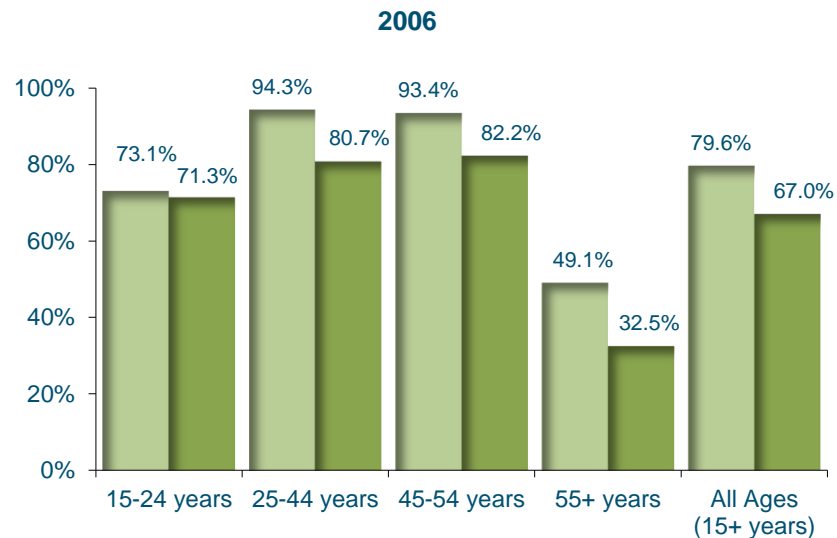
- Participation rate in the labour force by Albertans is the highest among all provinces.
- Alberta's labour force participation rate remain above 70%, rate seen since 1980.



Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2017

Participation Rate by Age Group and Gender

- Although the gap between men's and women's labour market participation has narrowed in the last four decades, women's participation rate still trails that of men across all age groups.



Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2017

Labour Force Statistics by Economic Region, 2016

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

Working Age Population: 277,000
 Labour Force: 195,300
 Unemployment Rate: 6.9%

Red Deer:

Working Age Population: 172,300
 Labour Force: 122,600
 Unemployment Rate: 8.6%

Calgary:

Working Age Population: 1,290,300
 Labour Force: 947,800
 Unemployment Rate: 9.2%

Wood Buffalo – Cold Lake:

Working Age Population: 118,400
 Labour Force: 90,100
 Unemployment Rate: 9.3%

Edmonton:

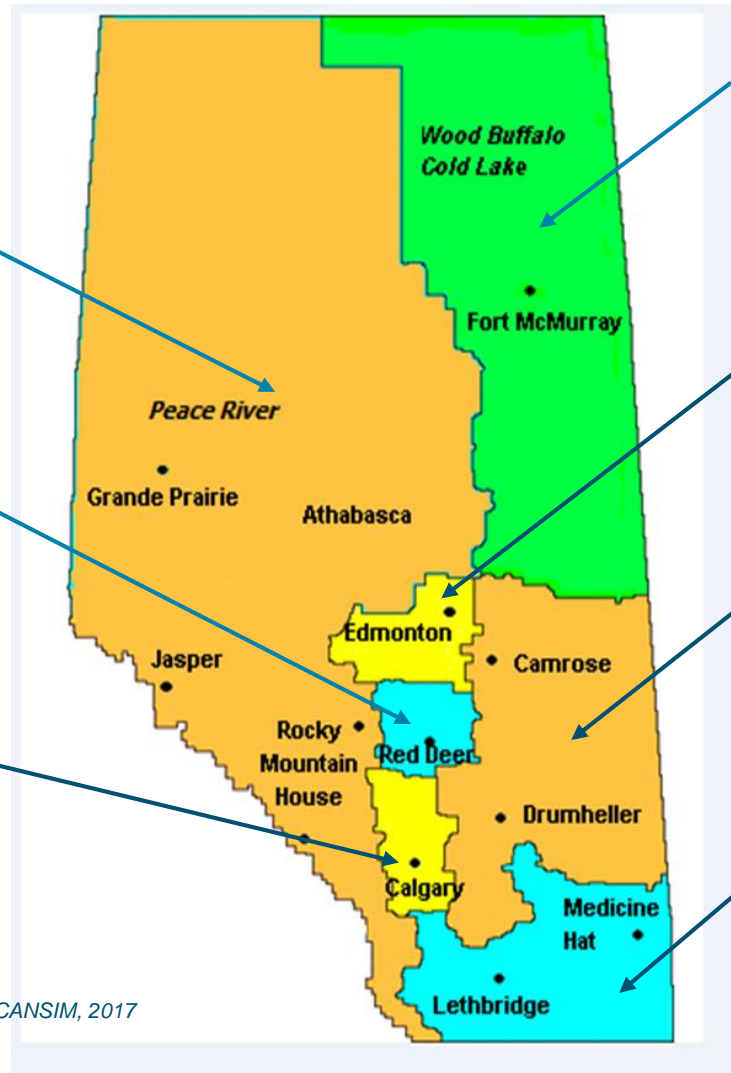
Working Age Population: 1,149,300
 Labour Force: 840,400
 Unemployment Rate: 7.4%

Camrose – Drumheller:

Working Age Population: 161,400
 Labour Force: 108,400
 Unemployment Rate: 7.8%

Lethbridge – Medicine Hat:

Working Age Population: 230,200
 Labour Force: 159,900
 Unemployment Rate: 6.9%



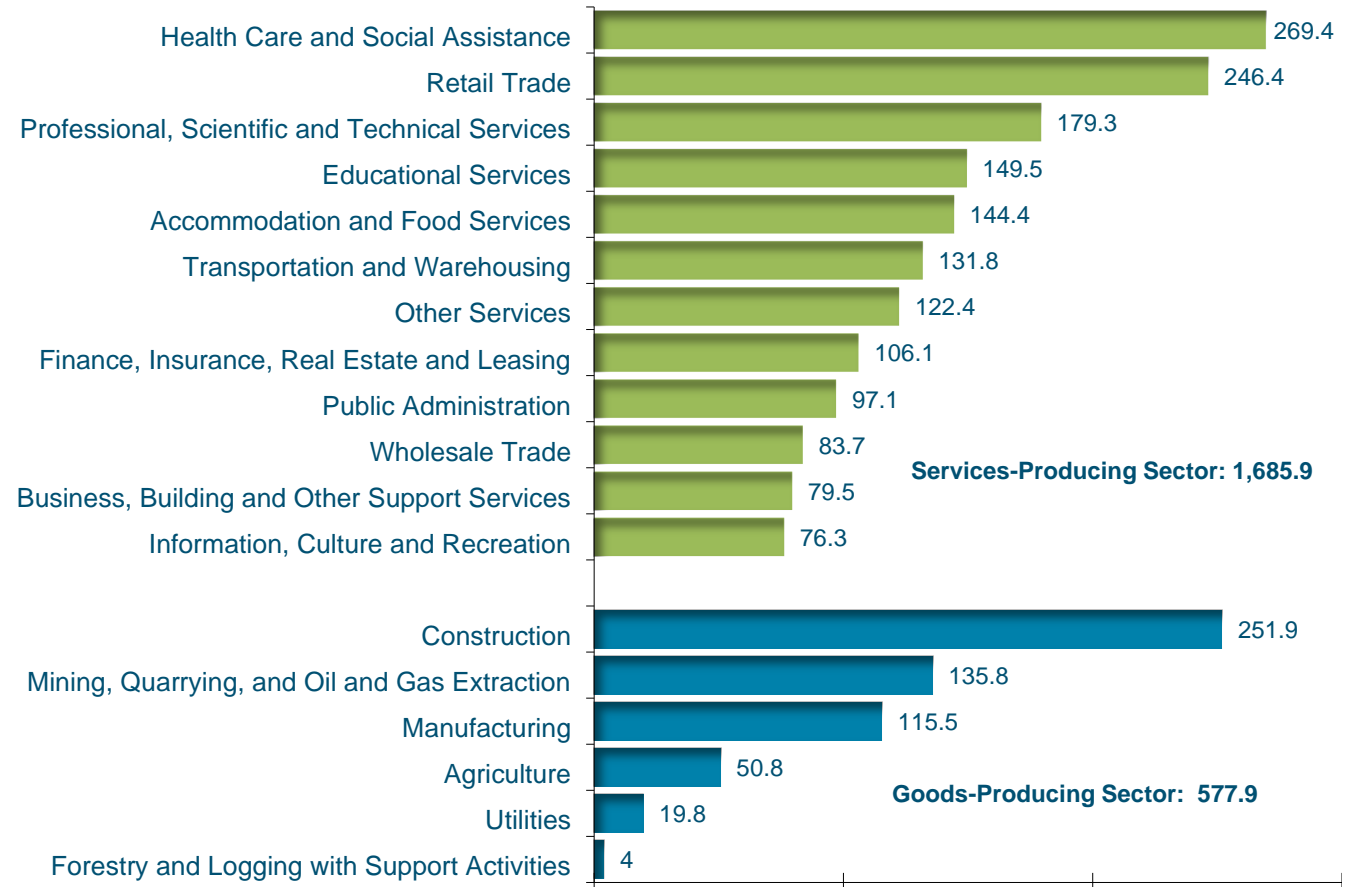
Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2017

Employment

Employment by Industry, 2016

(in '000)

The services-producing industries are the major employers in Alberta.



Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2017



Change in Employment by Industry, 2015-2016

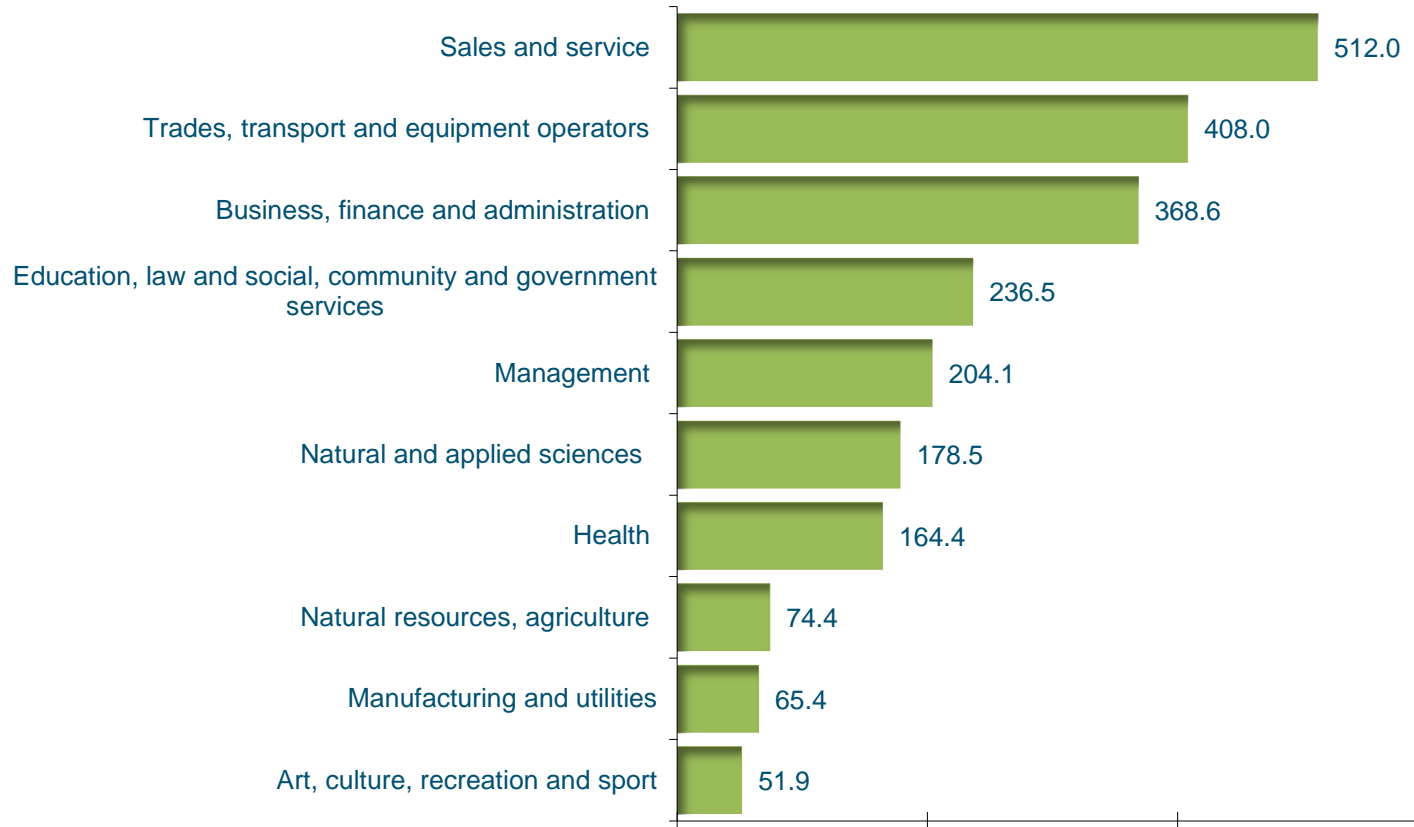
- Alberta posts employment decline in 2016.
- Employment growth in most of the service – producing industries offset the job losses in the goods-producing industries.

Industry	2015 (in '000)	2016 (in '000)	Change (in %)
Total, all industries	2,301.1	2,263.8	-1.6%
Goods-Producing Sector	641.7	577.9	-9.9%
Agriculture	62.8	50.8	-19.1%
Forestry and Logging with Support Activities	3.6	4.0	11.1%
Mining and Oil and Gas Extraction	155.3	135.8	-12.6%
Utilities	20.2	19.8	-2.0%
Construction	259.9	251.9	-3.1%
Manufacturing	139.9	115.5	-17.4%
Services-Producing Sector	1,659.4	1,685.9	1.6%
Wholesale Trade	89.5	83.7	-6.5%
Retail Trade	229.3	246.4	7.5%
Transportation and Warehousing	129.9	129.9	0.0%
Finance, Insurance, Real Estate and Leasing	103.5	106.1	2.5%
Professional, Scientific and Technical Services	173.2	179.3	3.5%
Business, Building and Other Support Services	82.3	79.5	-3.4%
Educational Services	138.0	149.5	8.3%
Health Care and Social Assistance	264.1	269.4	2.0%
Information, Culture and Recreation	74.9	76.3	1.9%
Accommodation and Food Services	153.5	144.4	-5.9%
Other Services	117.5	122.4	4.2%
Public Administration	94.4	97.1	2.9%

Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2017

Employment by Occupation, 2016

(in '000)



Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2017

Change in Employment by Occupation, 2015-2016

- There is increase employment among occupations employed mainly by the services-producing industries.

Occupation	2015 (in '000)	2016 (in '000)	Change (in %)
Total, all occupations	2,301.1	2,263.8	-1.6%
Art, culture, recreation and sport	44.2	51.9	17.4%
Education, law and social, community and government services	218.9	236.5	8.0%
Health	160.7	164.4	2.3%
Sales and service	501.4	512.0	2.1%
Business, finance and administration	362.4	368.6	1.7%
Natural and applied sciences	191.4	178.5	-6.7%
Trades, transport and equipment operators	438.9	408.0	-7.0%
Manufacturing and utilities	71.0	65.4	-7.9%
Management	226.0	204.1	-9.7%
Natural resources, agriculture	86.4	74.4	-13.9%

Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2017

Unemployment

Number of Unemployed, 2006-2016 (in '000)

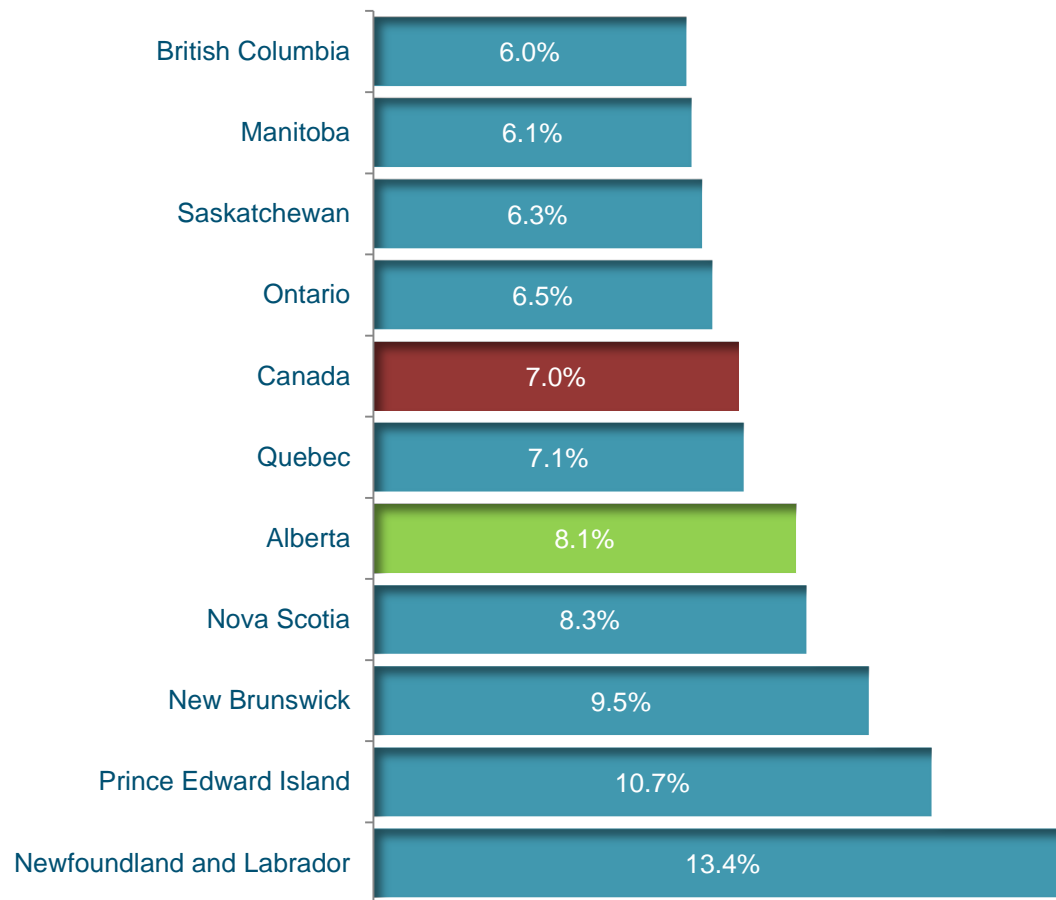
- The steep drop in oil prices leads to a sharp deterioration in the Alberta labour market for two consecutive years.
- The number of unemployed Albertans reaches 200,800 in 2016, the highest level in the last 10 years.



Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2017

Unemployment Rate in Canada and Provinces, 2016

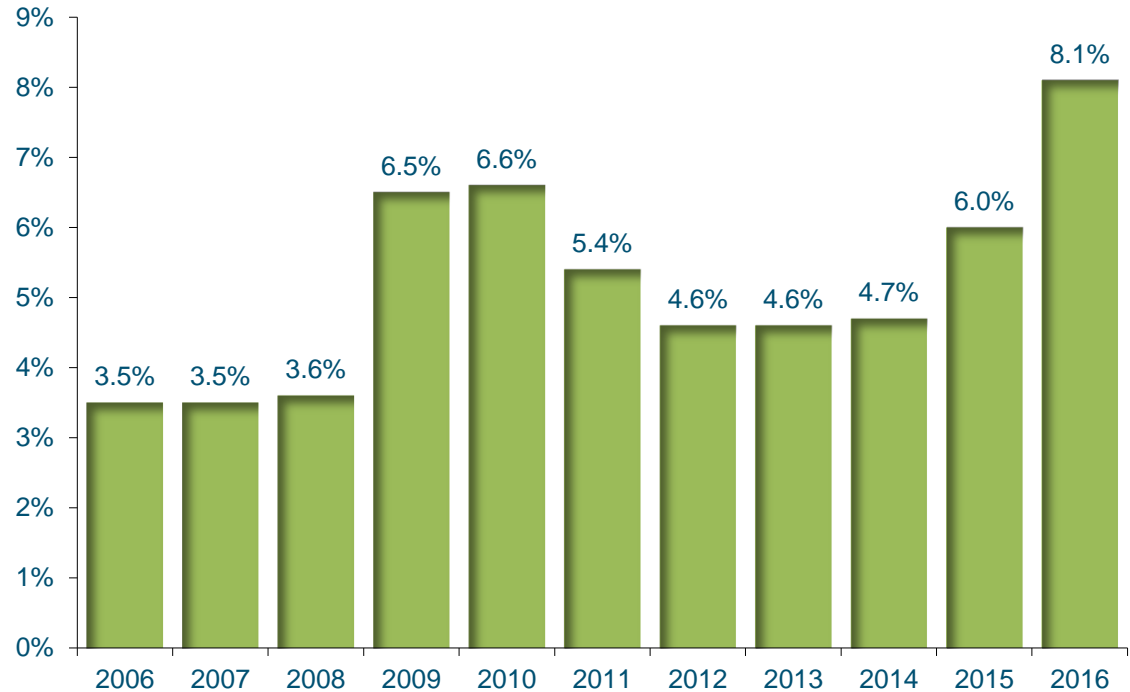
- Alberta's unemployment rate is higher than Canada's rate and that of most provinces.



Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2017

Unemployment Rate in Alberta, 2006-2016

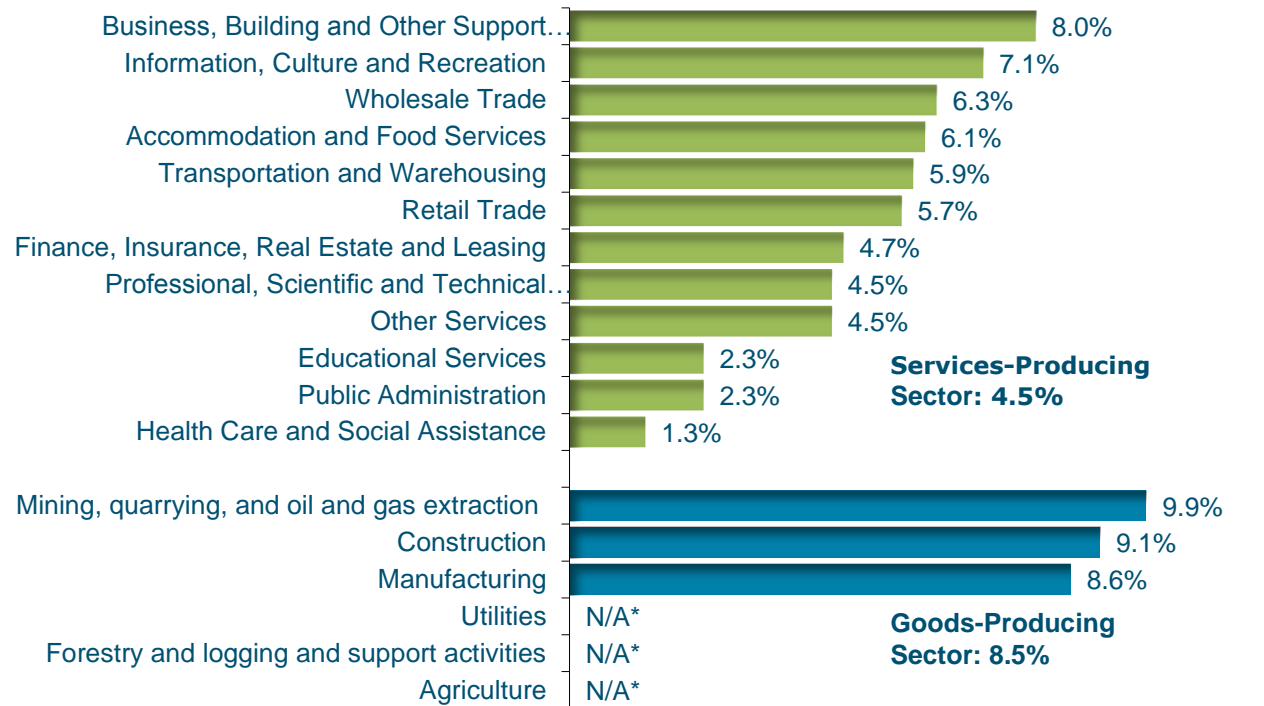
- Unemployment rate in the province rises for three consecutive years.



Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2017

Unemployment Rate by Industry, 2016

- The sustained decline in the price of oil leads to the higher unemployment rates in the goods-producing industries.

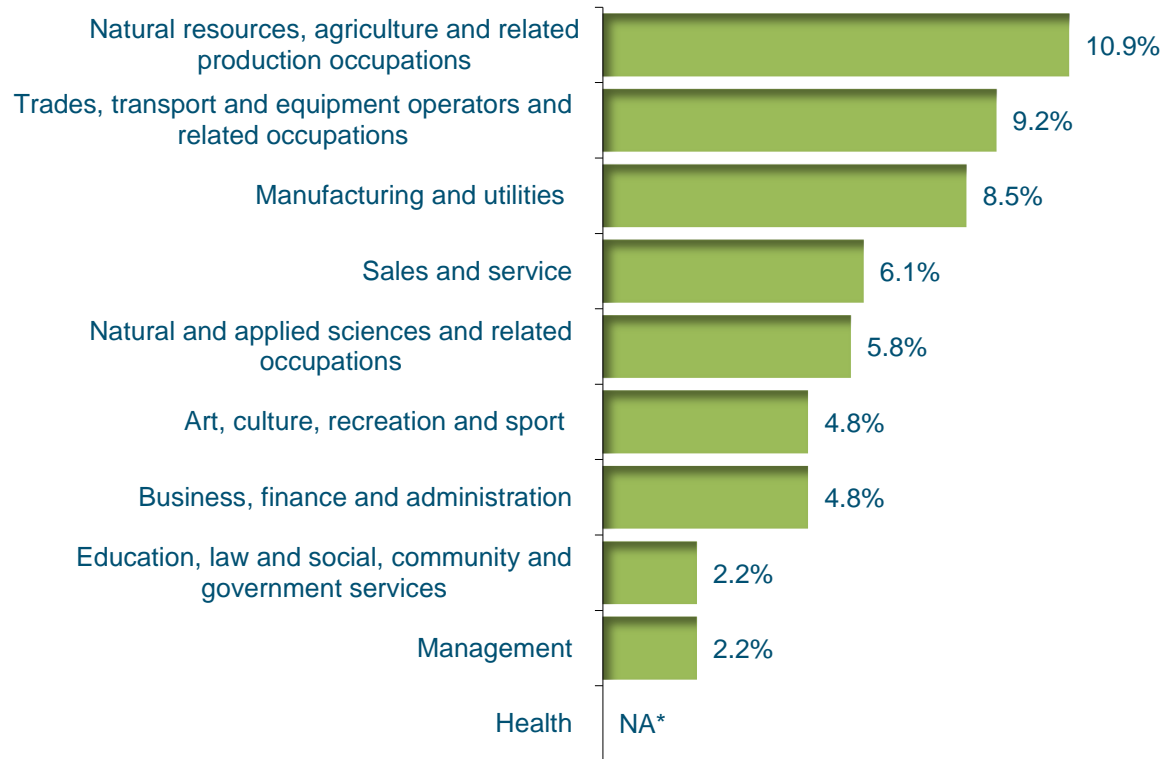


N/A* denotes data suppressed by Statistics Canada due to meet the confidentiality requirements of the Statistics Act.

Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2017

Unemployment Rate by Occupation, 2016

- Natural resources and trades-related occupations are mostly impacted by the sustained decline in oil prices as reflected by their higher unemployment rates.



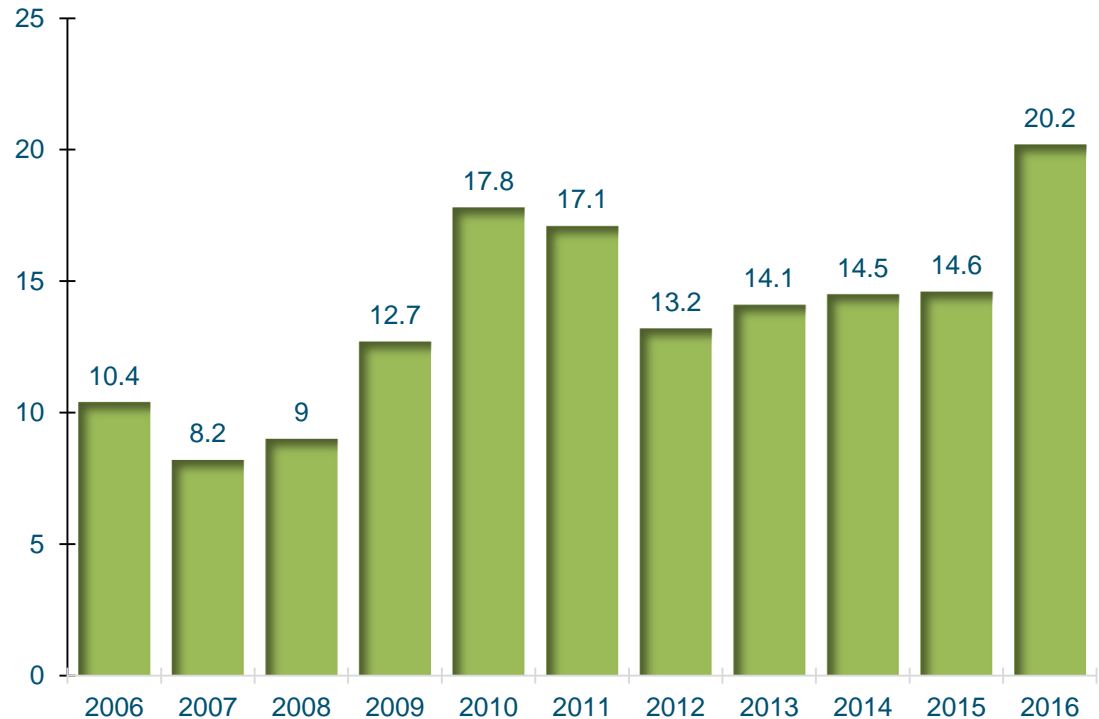
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Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2017

Duration of Unemployment, 2006-2016

(in average weeks unemployed)

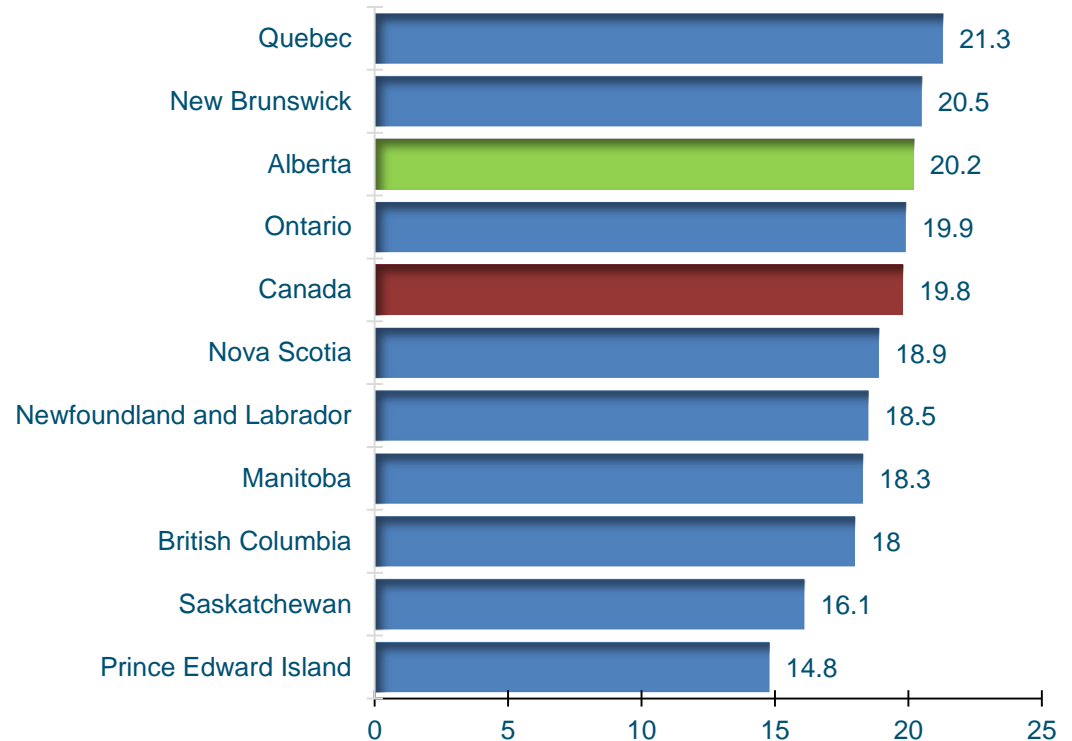
- The duration of unemployment in Alberta reaches an average of 20.2 weeks in 2016. This is the highest seen in the last 10 years.



Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2017

Duration of Unemployment in Canada and Provinces, 2016 (in average weeks unemployed)

- The unemployment duration of 20.2 weeks in Alberta is the 3rd highest among the provinces. This is higher compared to the national average of less than 20 weeks.

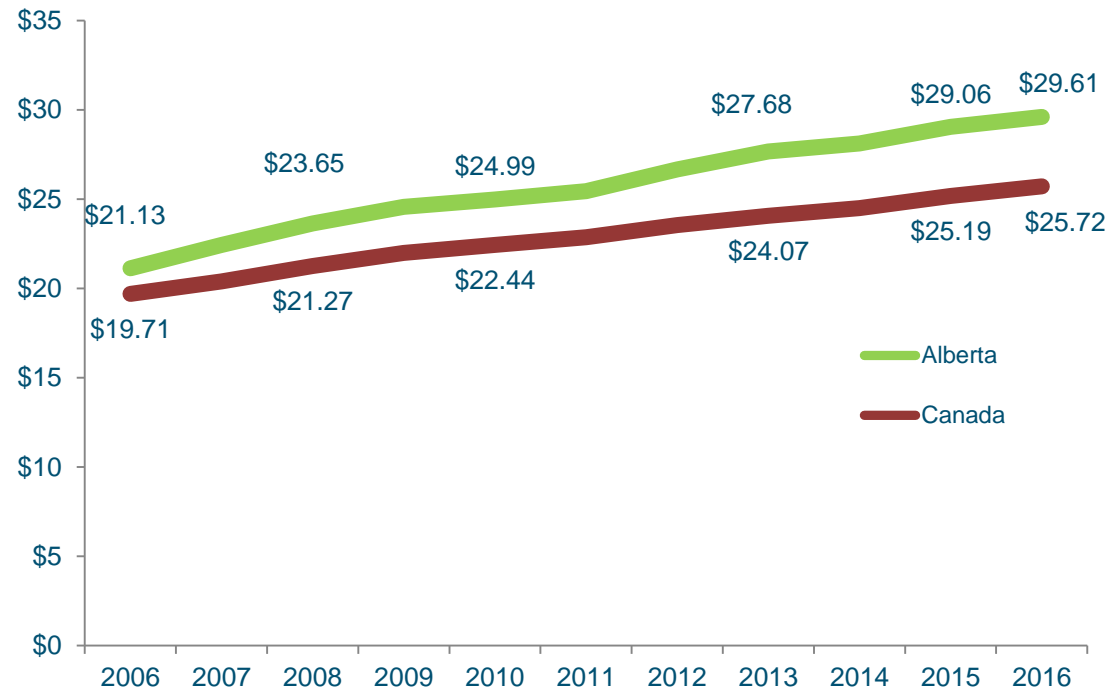


Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2017

Wages

Average Hourly Wages, 2006-2016

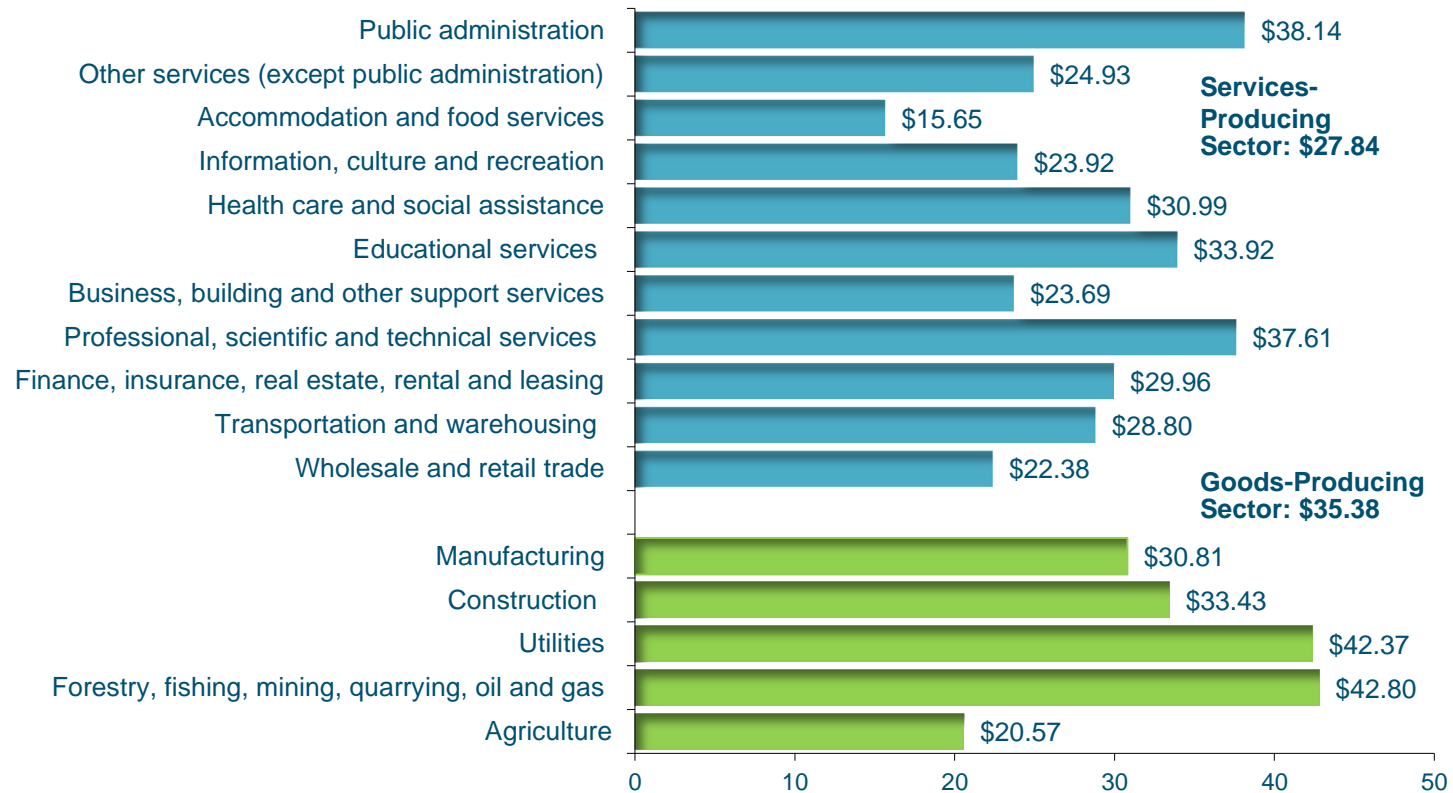
- Alberta's average hourly wage remains higher than the national average.



Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2017

Average Hourly Wages by Industry, 2016

- Average hourly wages in the Goods-Producing industries are higher.



Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2017

Average Hourly Wages by Occupation, 2016

- Management occupations remain the highest paid among the different occupational groups.

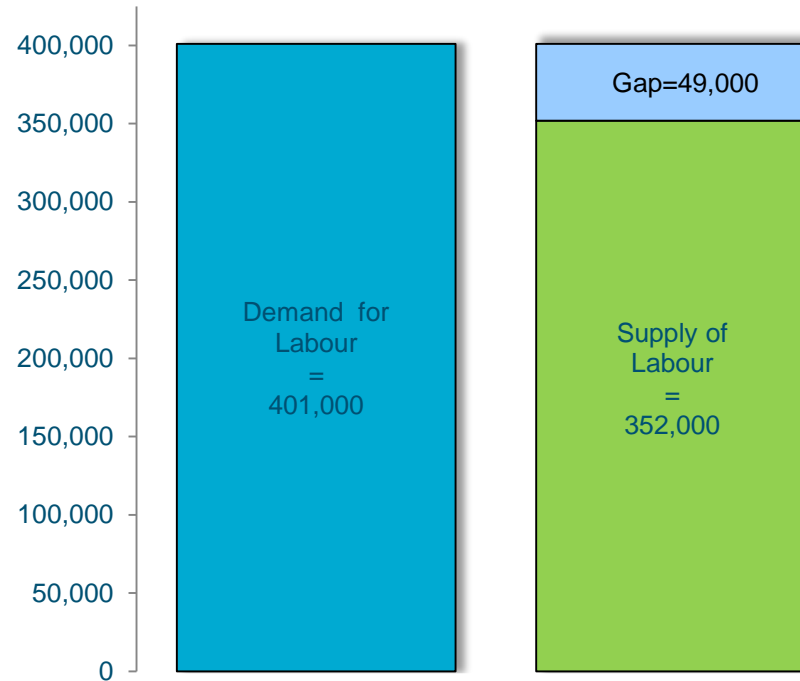


Data Source: Statistics Canada, Labour Force Survey, CANSIM, 2017

Labour Market Outlook

Alberta's 10-Year Labour Market Outlook

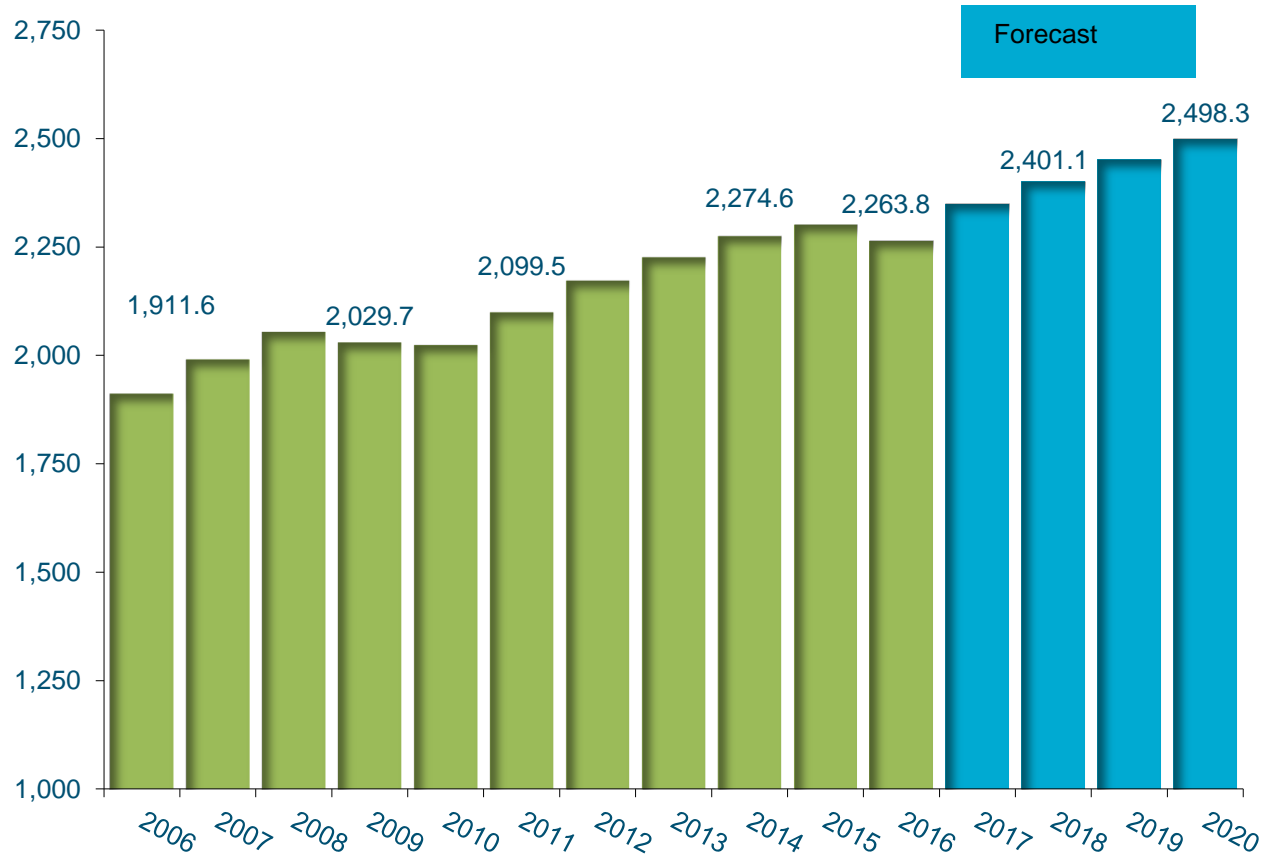
- Despite the current economic downturn, Alberta expects a 49,000 labour shortage in the next 10 years.



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

Alberta's Employment Outlook, 2017-2020

- Alberta expects to see a rebound in employment starting 2017 after the dip in employment in 2016.



Data Sources: Actual - Statistics Canada, Labour Force Survey, CANSIM, 2017
Forecast - Alberta Regional Occupational Demand Outlook, 2016-2020

High Demand Occupations, 2016-2018

- These are examples of occupations expected to be in demand in the short-term based on the Alberta Short-Term Employment Forecast (STEF).

Occupation Title
0311 Managers in health care
3011 Nursing co-ordinators and supervisors
3012 Registered nurses and registered psychiatric nurses
3111 Specialist physicians
3112 General practitioners and family physicians
3233 Licensed practical nurses
3236 Massage therapists
4214 Early childhood educators and assistants
6211 Retail sales supervisors
6311 Food service supervisors
6315 Cleaning supervisors
7322 Motor vehicle body repairers
7334 Motorcycle, all-terrain vehicle and other related mechanics
8252 Agricultural service contractors, farm supervisors and specialized livestock workers

Data Source: Alberta's Short-Term Employment Forecast (STEF), 2016-2018

Online Resources

For more information, please visit:

- Alberta Labour (Labour Market Information):

<http://work.alberta.ca/labour/labour-market-information.html>

- Alberta Learning Information Service:

www.alis.alberta.ca

- Canada-Alberta Job Bank:

www.jobbank.gc.ca

- Statistics Canada:

www.statcan.gc.ca

- Alberta-Canada (Immigration Information)

www.albertacanada.com

<http://work.alberta.ca/labour/labour-market-information.html>

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