Alberta Labour Market Review

2019 Annual Review

JULY 2020

Alberta

Labour and Immigration, Government of Alberta
July 2020
Annual Alberta Labour Market Review
ISBN 978-1-4601-4807-5
ISSN 1704-2925
© 2020 Government of Alberta
Email: lbr.lfsanalyst@gov.ab.ca

For more information regarding this content visit: https://www.alberta.ca/labour-market-information.aspx

Table of Contents

Overview ..... 3.

Population ..... 4.

Demographics ..... 5.

Employment ..... 6.

Unemployment ..... 9.

Economic Region ..... 10.

Interprovincial Migration ..... 11.

International Migration ..... 12.

Indigenous People Off-Reserve ..... 13.

Industry ..... 15.

Occupation ..... 16.

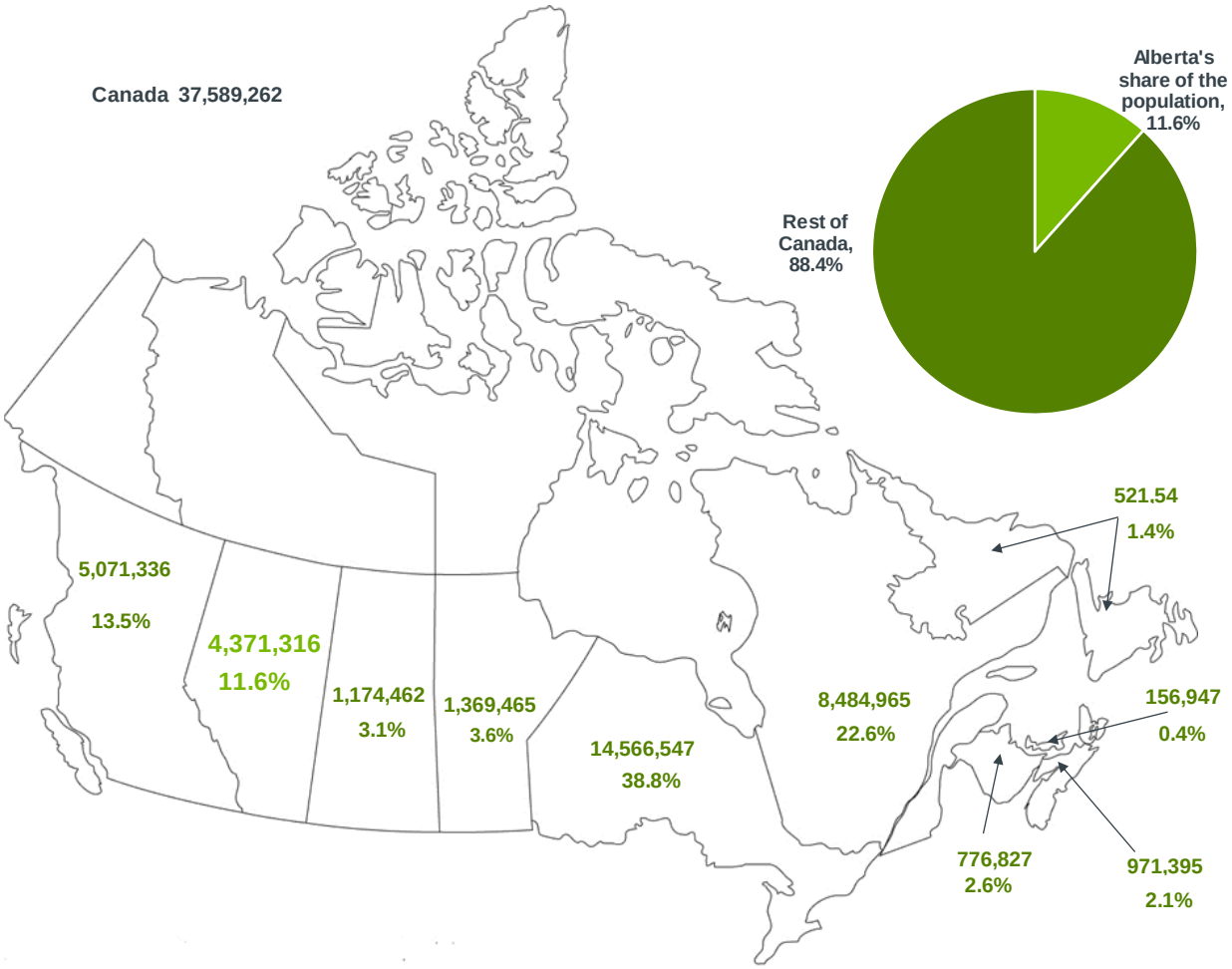
Education ..... 17.

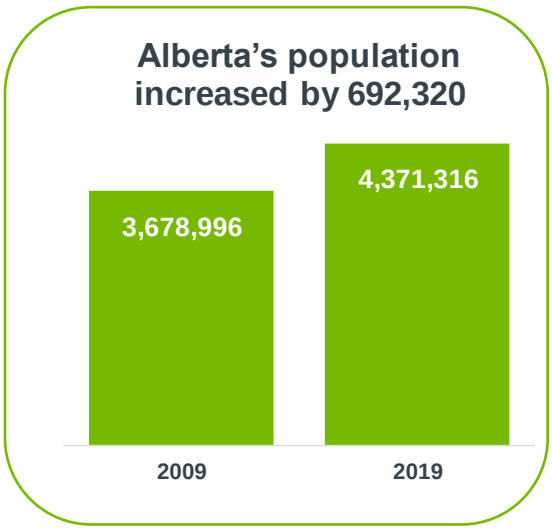
Appendix ..... 18.

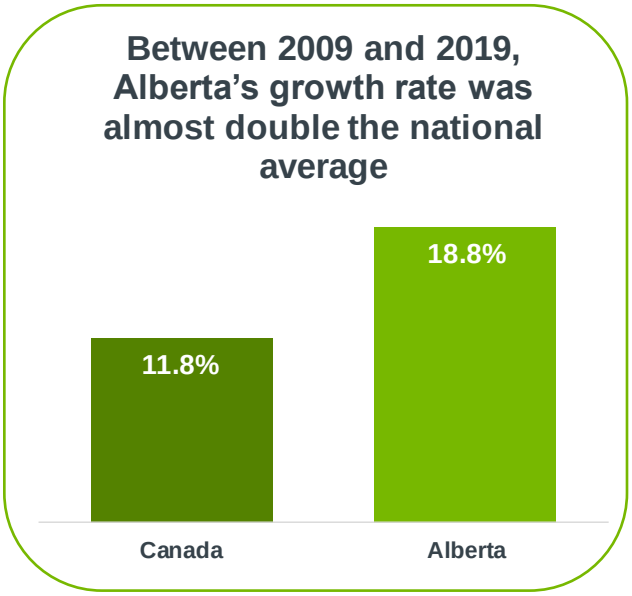
Overview

The 2019 Annual Alberta Labour Market review provides statistics and trends in Alberta's labour market and how it compares to other provinces. Topics include, employment, unemployment, migration, industry, occupation, education, Indigenous people off-reserve and demographics. Statistics are provided for Alberta's seven economic regions, the ten provinces and at the national level. All statistics provided are 12-month averages. Population and demographic information is from Statistics Canada's annual population estimates on July 1st. Interprovincial and international migration is from Statistics Canada's Estimates of the components of interprovincial migration, quarterly. Temporary foreign workers with Labour Market Impact Assessment (LMIA) is from Immigration, Refugees and Citizenship Canada (IRCC), Temporary Foreign Worker Program (TFWP) work permit holders by province/territory of intended destination, intended occupation. All other Statistics are from Statistics Canada's Labour Force Survey.

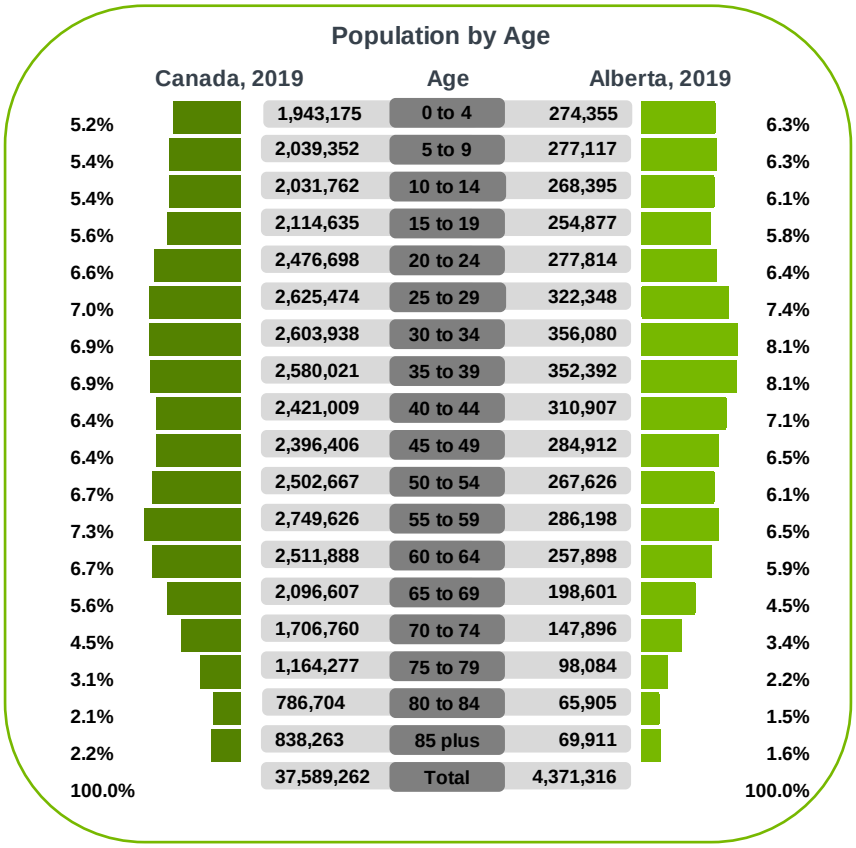
Population in 2019

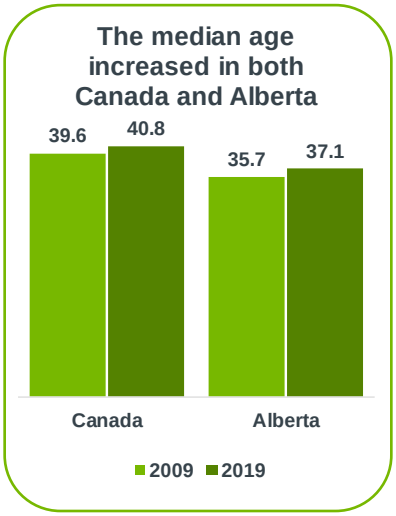


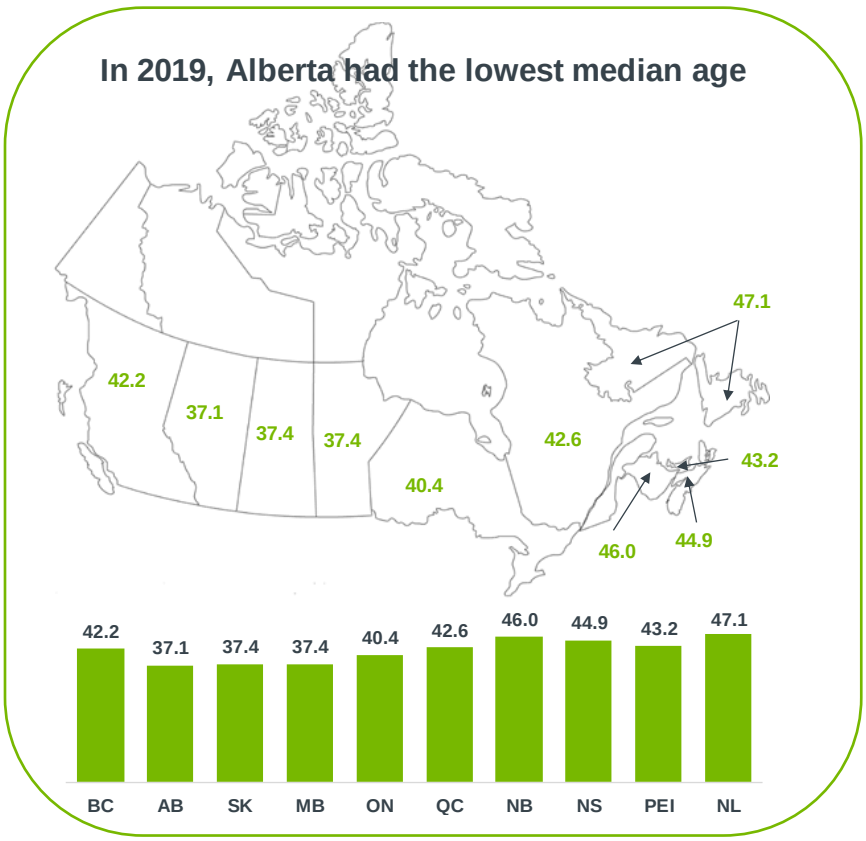




Demographics







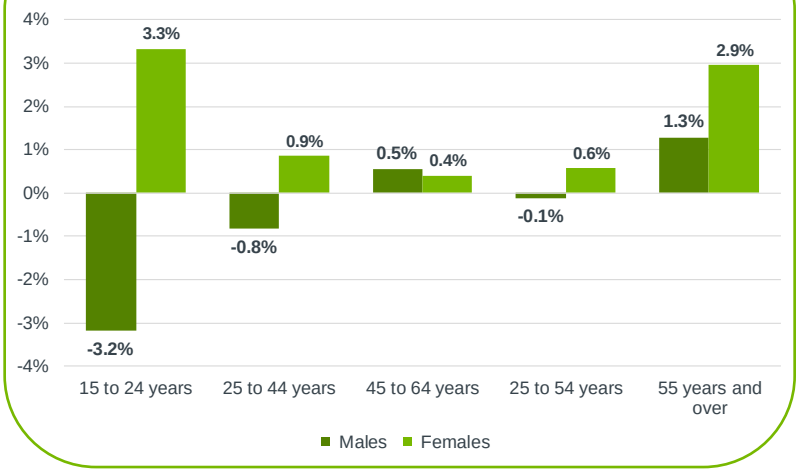
Employment

Province	Employment in 2019	Change from 2018	Per cent change
Alberta	2,343,000	12,300	0.5%
Canada	19,055,700	398,200	2.1%
Newfoundland and Labrador	226,600	1,300	0.6%
Prince Edward Island	78,000	2,000	2.6%
Nova Scotia	466,100	10,200	2.2%
New Brunswick	356,700	2,900	0.8%
Quebec	4,339,900	77,700	1.8%
Ontario	7,452,600	210,200	2.9%
Manitoba	653,400	5,700	0.9%
Saskatchewan	580,400	10,400	1.8%
British Columbia	2,559,000	65,400	2.6%

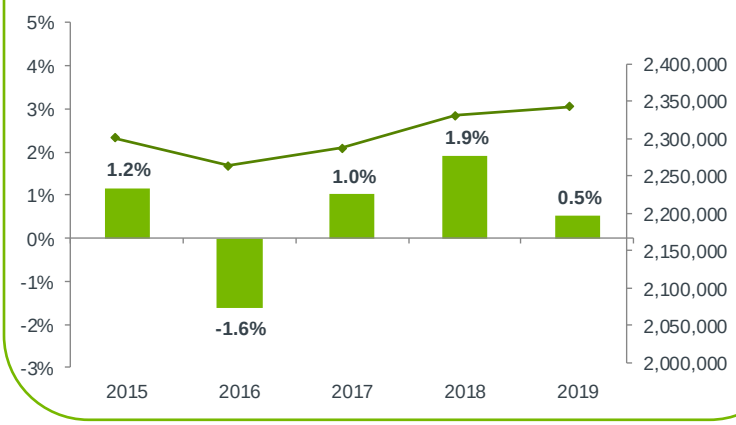
In 2019 there were 2,343,000 employed Albertans

In 2019 employment in Alberta increased by 12,300 or 0.5%

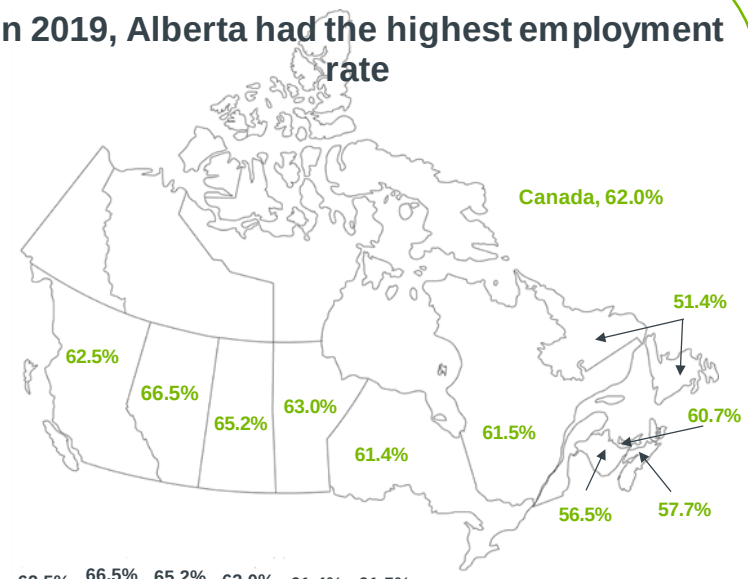
Between 2018 and 2019, employment increased for women in all age groups

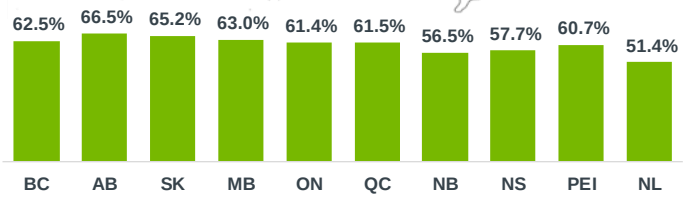


Employment increased every year but 2016

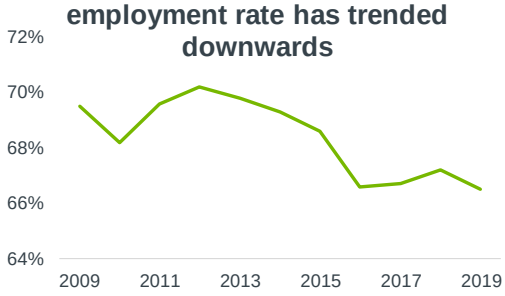


In 2019, Alberta had the highest employment rate

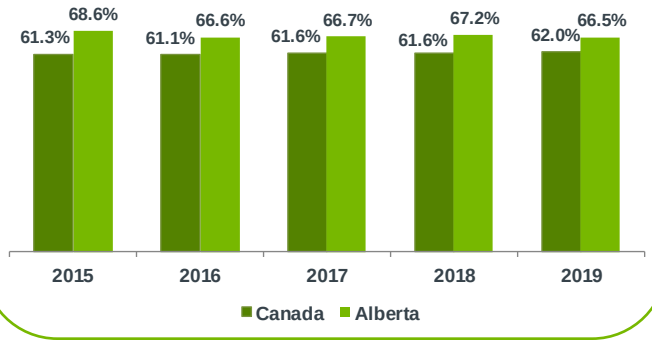




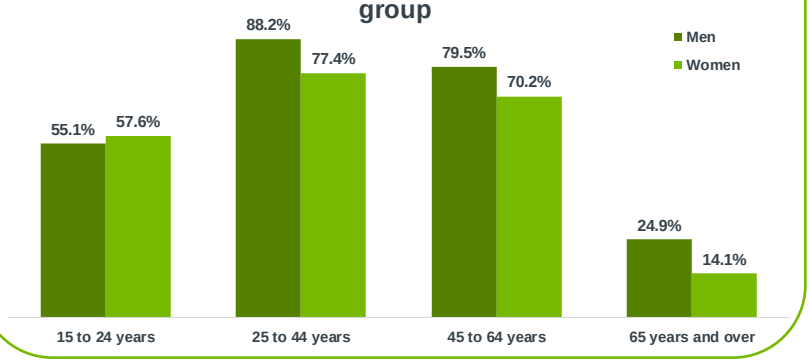
Since 2012, Alberta's employment rate has trended downwards

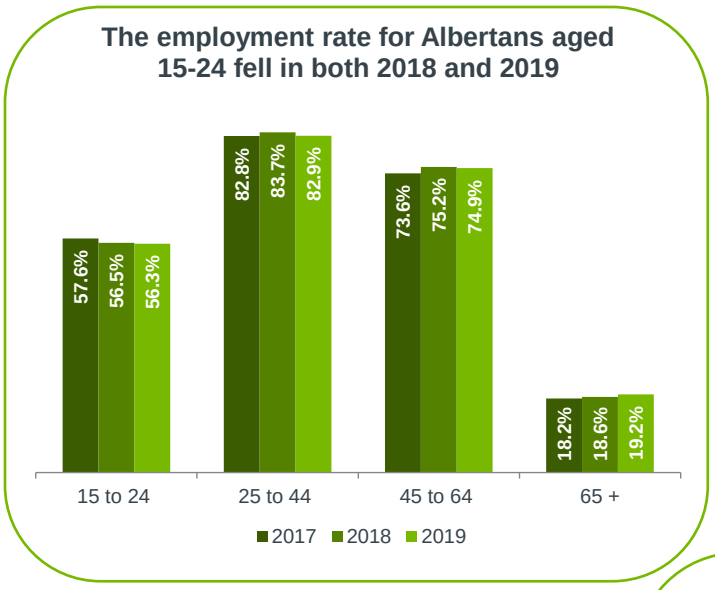


Alberta's employment rate is consistently higher than the national average

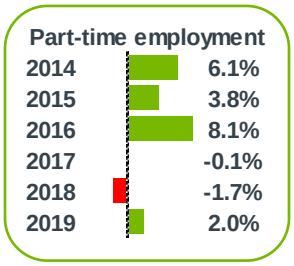


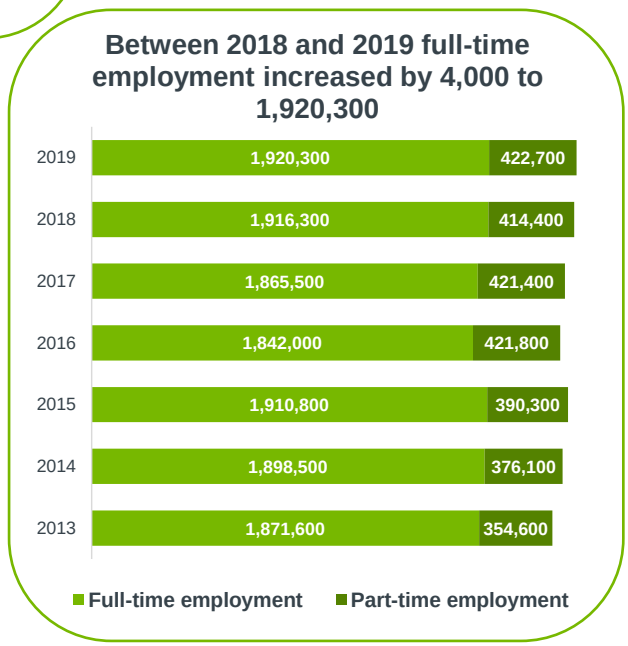
In 2019, women aged 15 to 24 years of age had a higher employment rate than men of the same age group

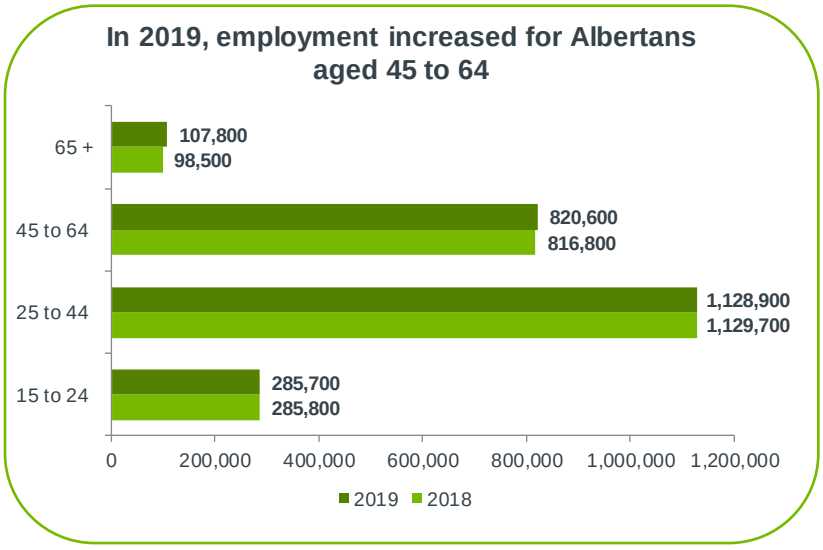



The employment rate for Albertans aged 15-24 fell in both 2018 and 2019
57.6%
56.5%
56.3%
82.8%
83.7%
82.9%
73.6%
75.2%
74.9%
18.2%
18.6%
19.2%
15 to 24
25 to 44
45 to 64
65 +
2017
2018
2019

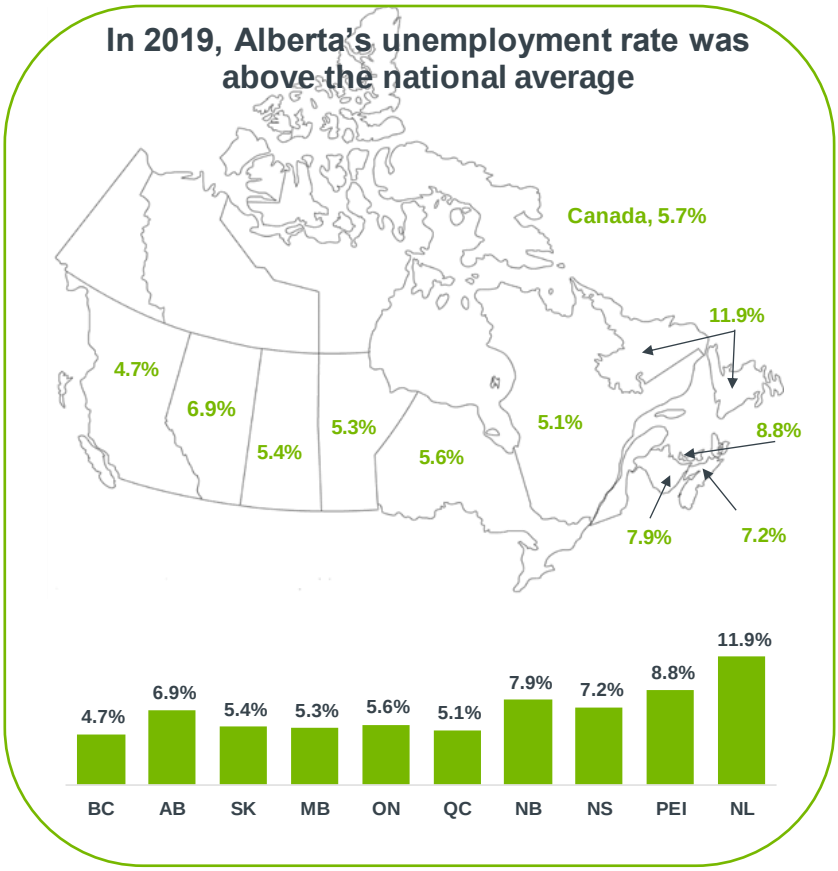
Full-time employment
2014 1.4%
2015 0.6%
2016 -3.6%
2017 1.3%
2018 2.7%
2019 0.2%

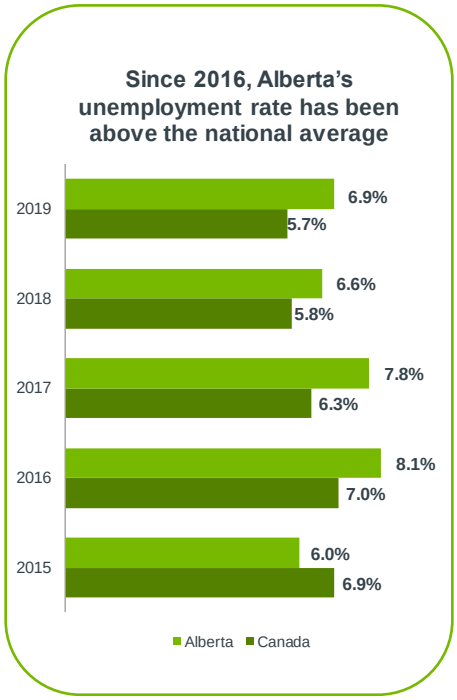

Part-time employment
2014 6.1%
2015 3.8%
2016 8.1%
2017 -0.1%
2018 -1.7%
2019 2.0%

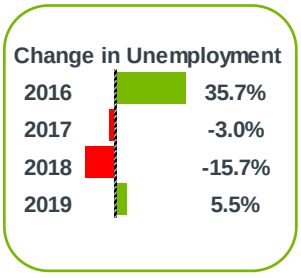

Between 2018 and 2019 full-time employment increased by 4,000 to 1,920,300
2019 1,920,300 422,700
2018 1,916,300 414,400
2017 1,865,500 421,400
2016 1,842,000 421,800
2015 1,910,800 390,300
2014 1,898,500 376,100
2013 1,871,600 354,600
Full-time employment
Part-time employment

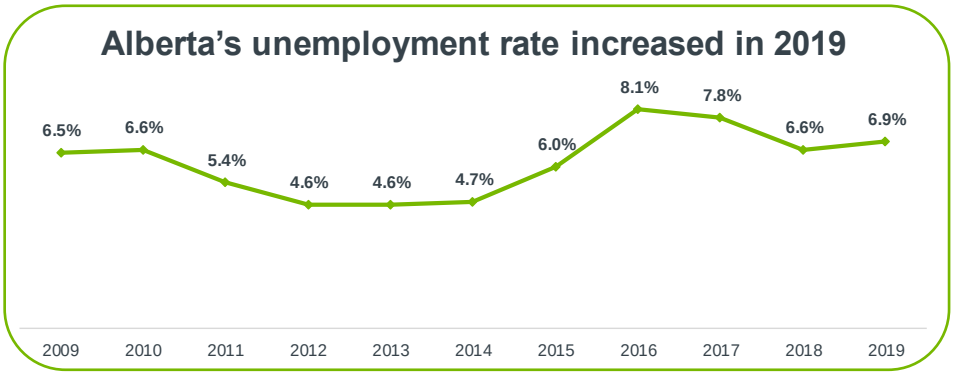

In 2019, employment increased for Albertans aged 45 to 64
65 + 107,800 98,500
45 to 64 820,600 816,800
25 to 44 1,128,900 1,129,700
15 to 24 285,700 285,800
0
200,000
400,000
600,000
800,000
1,000,000
1,200,000
2019
2018

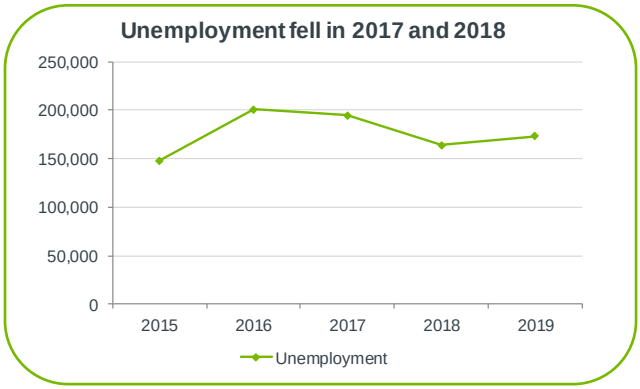
Unemployment











173,200

The number of unemployed Albertans In 2019

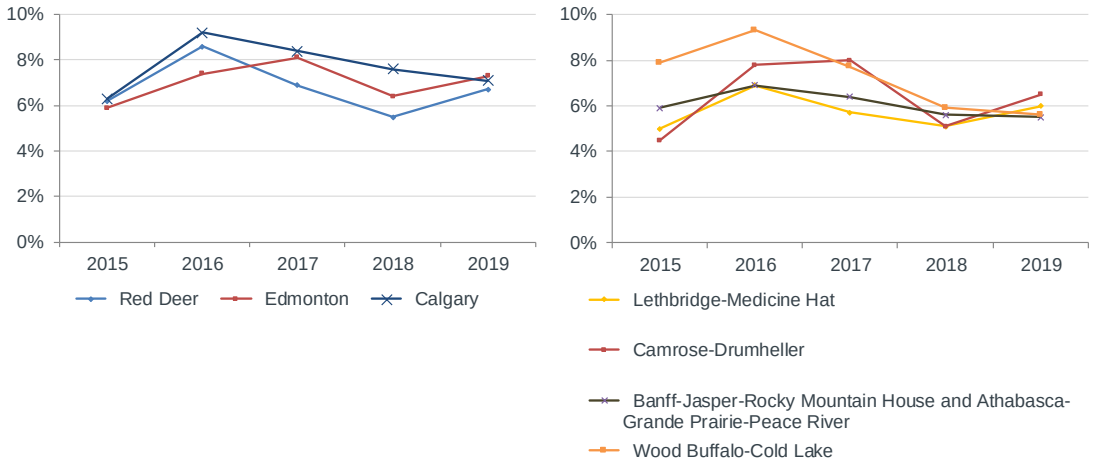
Economic Region

2019 Labour Force Characteristics

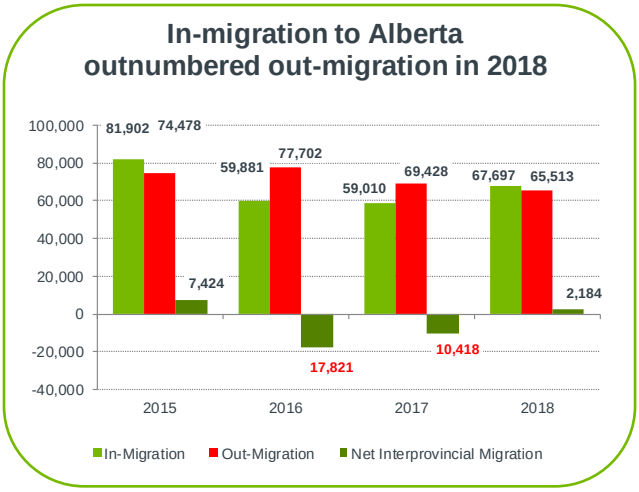
Region	Labour force	Employment	Unemployment
Lethbridge-Medicine Hat	152,000	142,900	9,100
Camrose-Drumheller	100,000	93,500	6,500
Calgary	989,300	919,000	70,300
Banff-Jasper-Rocky Mountain House and Athabasca-Grande Prairie-Peace River	198,700	187,800	10,900
Red Deer	120,200	112,100	8,100
Edmonton	868,500	805,000	63,400
Wood Buffalo-Cold Lake	87,500	82,600	4,900
Alberta	**2,516,200**	**2,343,000**	**173,200**

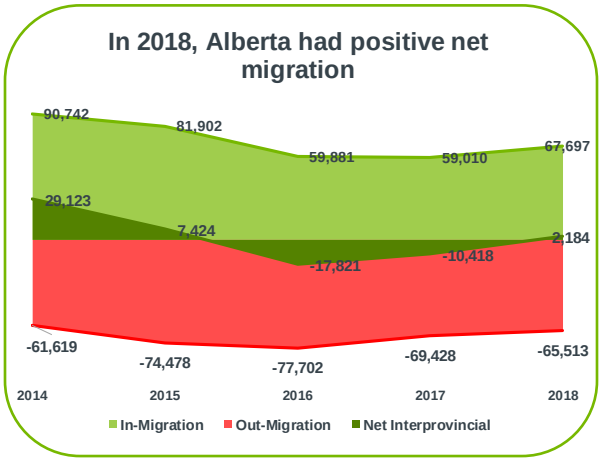
Region	Unemployment Rate	Participation Rate	Employment Rate
Lethbridge-Medicine Hat	6.0%	65.3%	61.4%
Camrose-Drumheller	6.5%	63.0%	58.9%
Calgary	7.1%	72.6%	67.4%
Banff-Jasper-Rocky Mountain House and Athabasca-Grande Prairie-Peace River	5.5%	72.7%	68.7%
Red Deer	6.7%	68.4%	63.8%
Edmonton	7.3%	71.8%	66.5%
Wood Buffalo-Cold Lake	5.6%	77.9%	73.6%
Alberta	**6.9%**	**71.4%**	**66.5%**

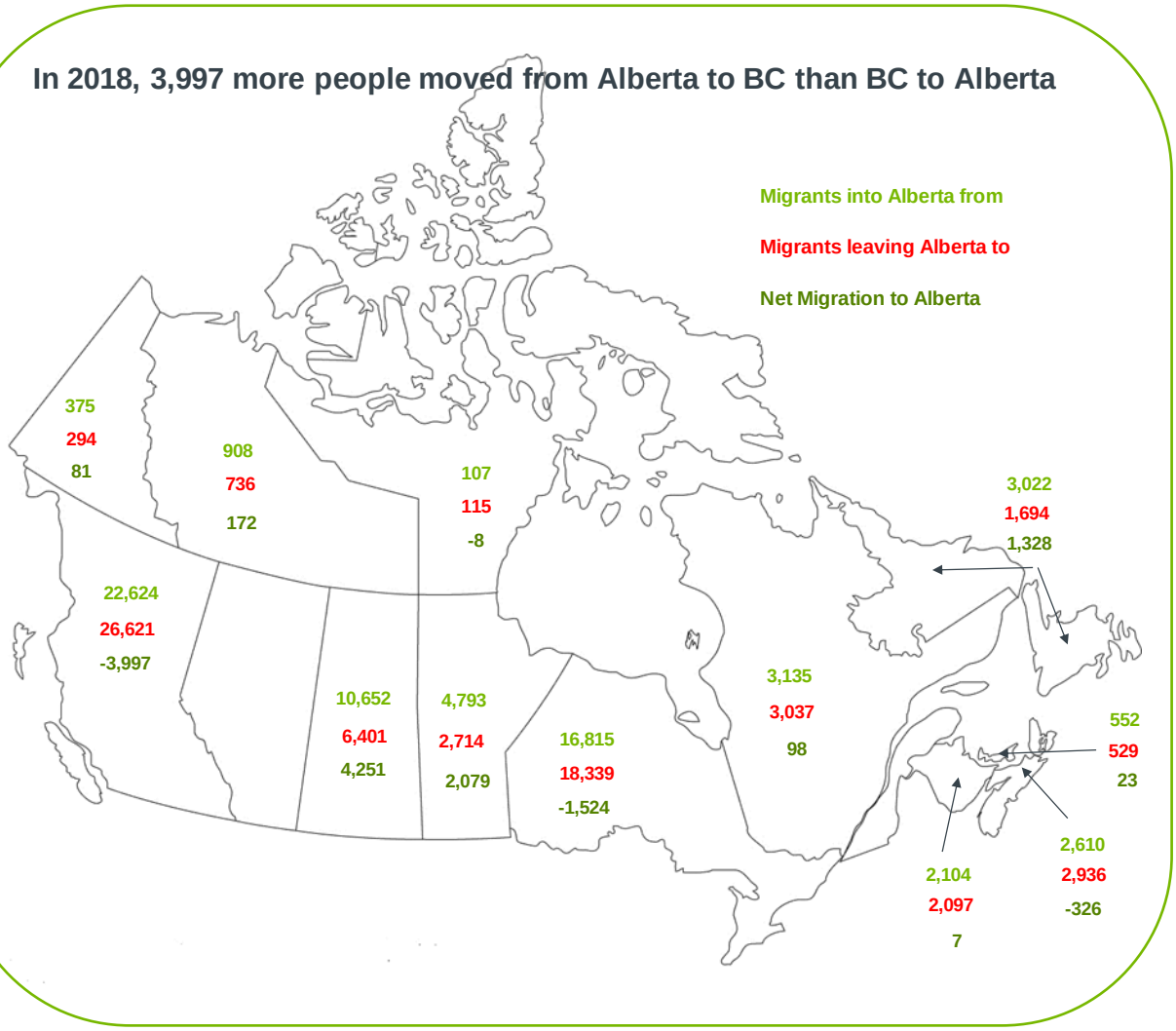
In 2019, Banff-Jasper-Rocky Mountain House and Athabasca-Grande Prairie-Peace River had the lowest unemployment rate



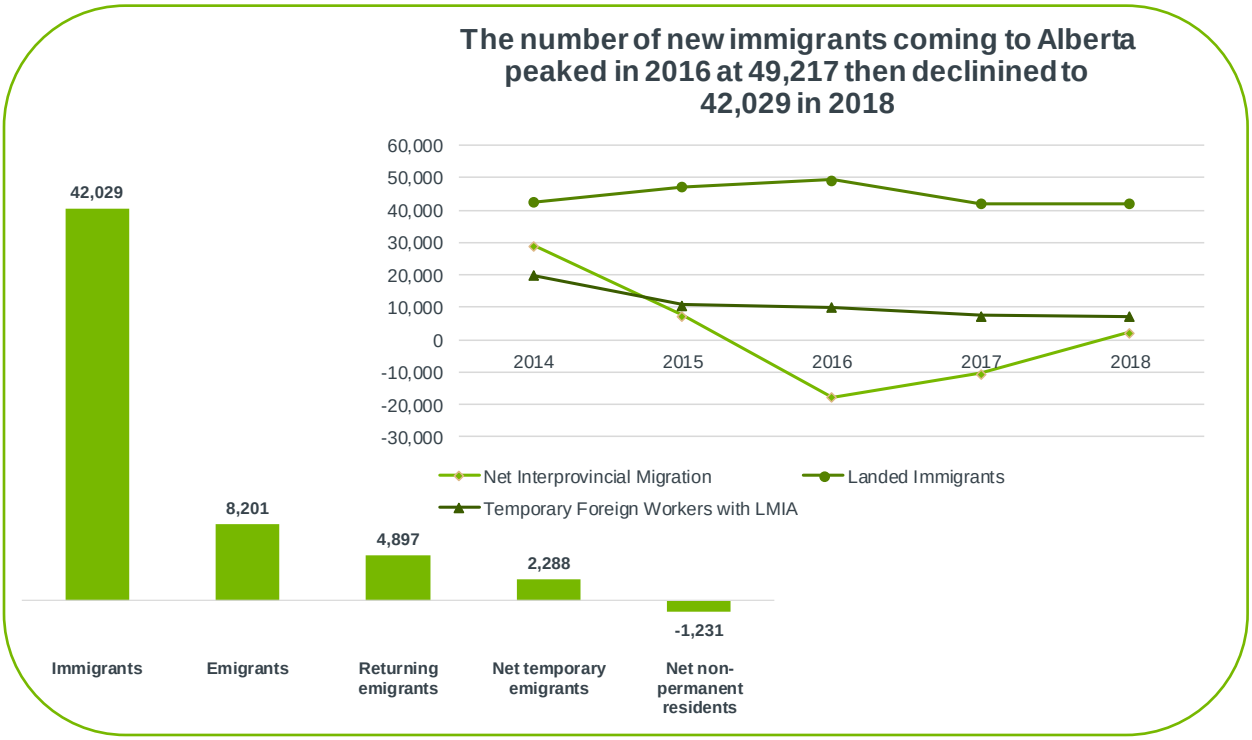
Interprovincial Migration

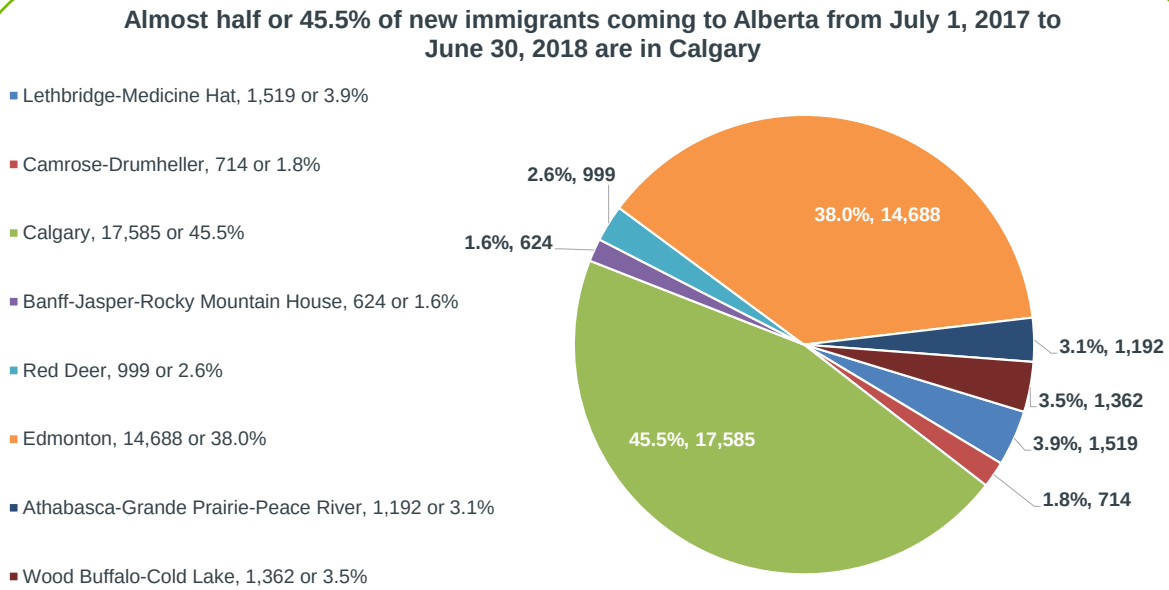






International Migration





Indigenous People Off-Reserve

Employment 2019

Region	Employed	Employed Indigenous people off-reserve	Indigenous share of employment
Alberta	2,235,000	105,400	4.7%
Lethbridge - Medicine Hat	135,600	6,800	5.0%
Camrose - Drumheller	87,900	5,500	6.3%
Calgary	896,700	21,700	2.4%
Banff - Jasper - Rocky Mountain House and Athabasca - Grande Prairie - Peace River	170,800	16,600	9.7%
Red Deer	106,500	5,300	5.0%
Edmonton	764,200	40,400	5.3%
Wood Buffalo - Cold Lake	73,200	9,100	12.4%

In 2019,

105,400

employed Indigenous people off-reserve in Alberta

In 2019,

4.7%

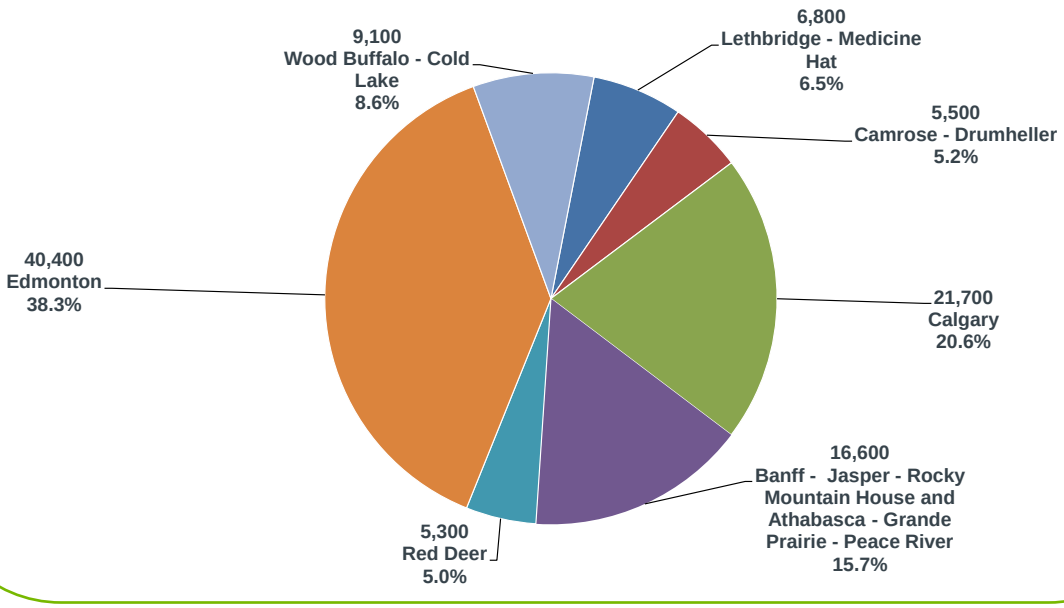
of employed Albertans are Indigenous people off-reserve

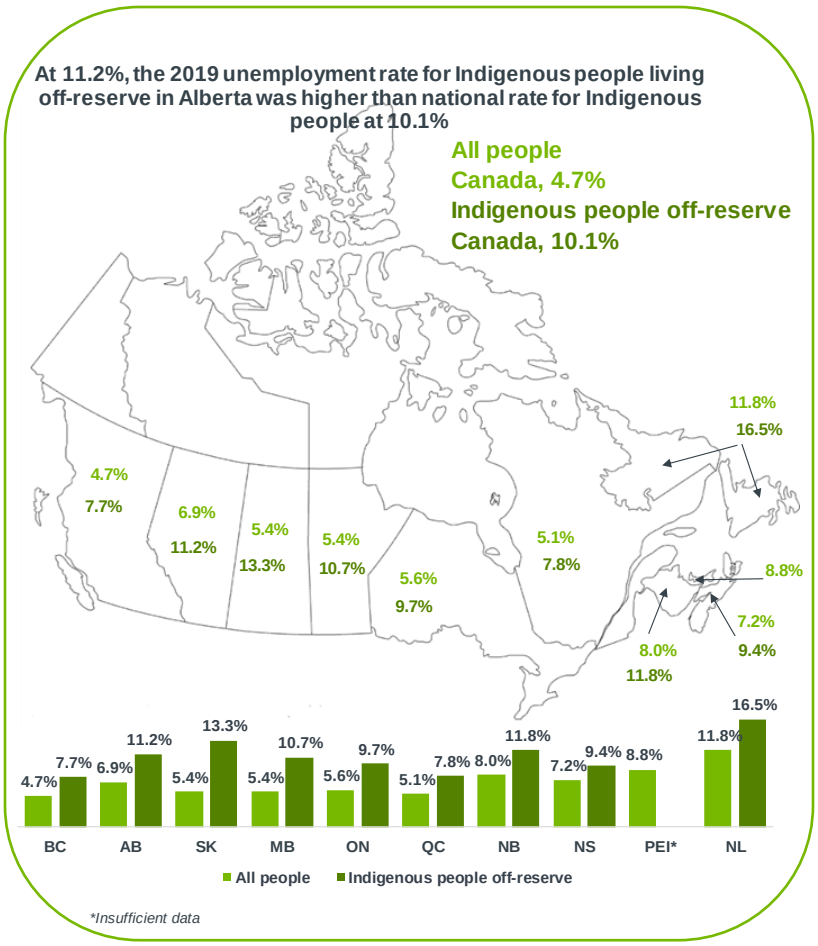
In 2019,

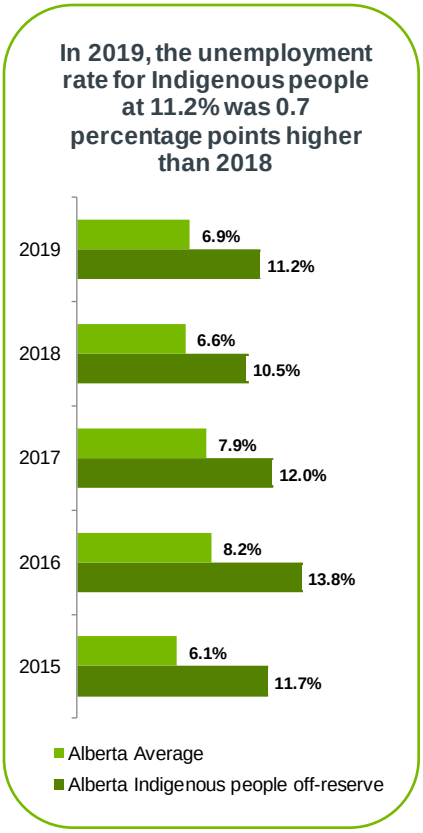
12.4%

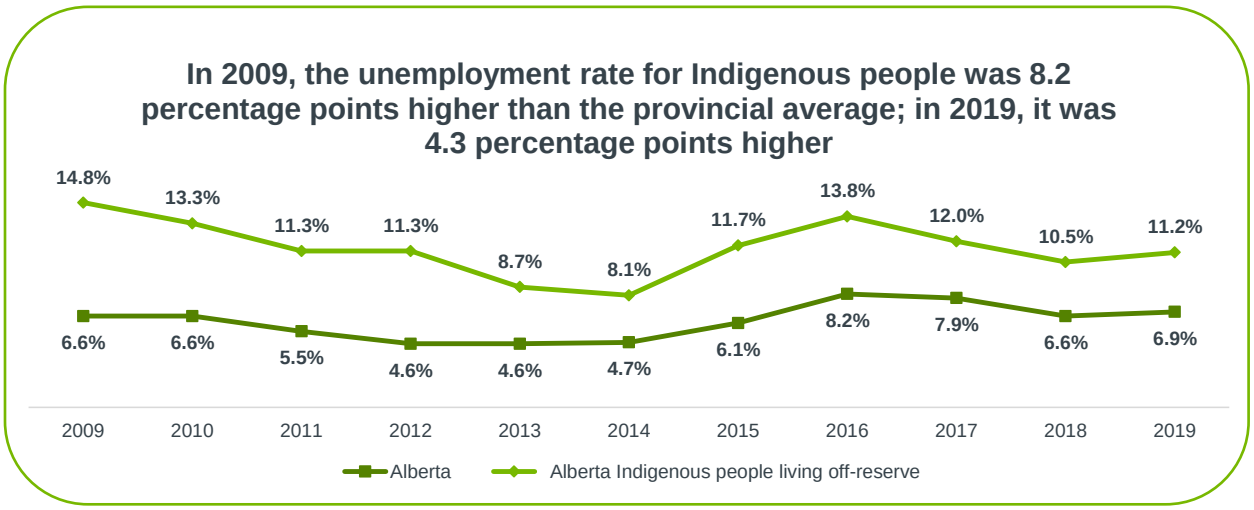
of employed Albertans in the Wood Buffalo - Cold Lake economic region were Indigenous people off-reserve

In 2019, there were 40,400 employed Indigenous people off-reserve in the Edmonton economic region; this represents 38.3% of all employed indigenous people off-reserve in Alberta




At 11.2%, the 2019 unemployment rate for Indigenous people living off-reserve in Alberta was higher than national rate for Indigenous people at 10.1%
All people
Canada, 4.7%
Indigenous people off-reserve
Canada, 10.1%
4.7%
7.7%
6.9%
11.2%
5.4%
13.3%
5.4%
10.7%
5.6%
9.7%
5.1%
7.8%
11.8%
16.5%
8.8%
7.2%
9.4%
8.0%
11.8%
BC
AB
SK
MB
ON
QC
NB
NS
PEI*
NL
All people
Indigenous people off-reserve
*Insufficient data


In 2019, the unemployment rate for Indigenous people at 11.2% was 0.7 percentage points higher than 2018
2019
6.9%
11.2%
2018
6.6%
10.5%
2017
7.9%
12.0%
2016
8.2%
13.8%
2015
6.1%
11.7%
Alberta Average
Alberta Indigenous people off-reserve

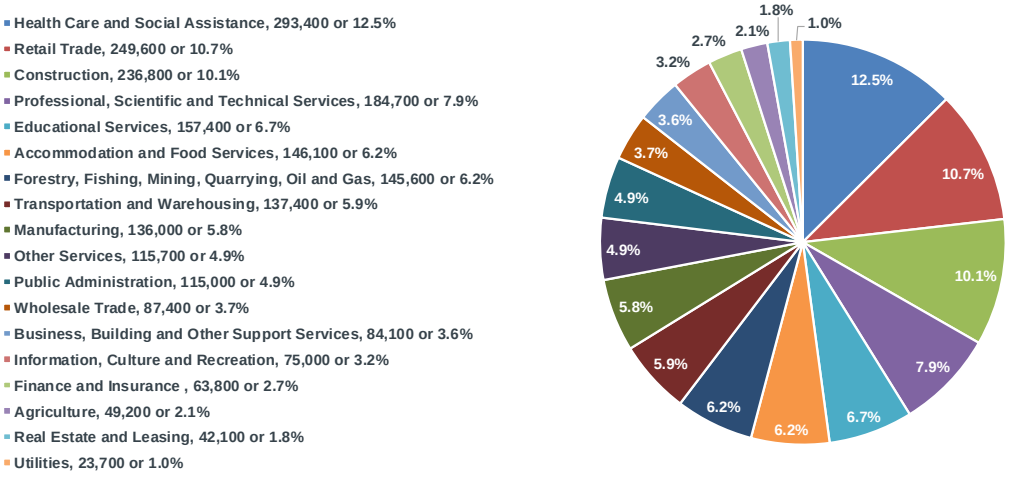

In 2009, the unemployment rate for Indigenous people was 8.2 percentage points higher than the provincial average; in 2019, it was 4.3 percentage points higher
14.8%
13.3%
11.3%
11.3%
8.7%
8.1%
11.7%
13.8%
12.0%
10.5%
11.2%
6.6%
6.6%
5.5%
4.6%
4.6%
4.7%
6.1%
8.2%
7.9%
6.6%
6.9%
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Alberta
Alberta Indigenous people living off-reserve

Industry

Industry Group	2019 Employment	Change From 2018	Unemployment Rate
Health Care and Social Assistance	293,400	14,800	1.9%
Retail Trade	249,600	2,500	5.1%
Construction	236,800	-8,600	9.1%
Professional, Scientific and Technical Services	184,700	3,900	3.5%
Educational Services	157,400	100	3.4%
Accommodation and Food Services	146,100	-1,400	5.4%
Forestry, Fishing, Mining, Quarrying, Oil and Gas	145,600	-7,600	4.8%
Transportation and Warehousing	137,400	-1,400	3.6%
Manufacturing	136,000	6,200	4.4%
Other Services	115,700	1,900	3.7%
Public Administration	115,000	5,400	2.9%
Wholesale Trade	87,400	1,100	3.1%
Business, Building and Other Support Services	84,100	-2,000	7.2%
Information, Culture and Recreation	75,000	-3,000	5.4%
Finance and Insurance	63,800	300	* *
Agriculture	49,200	-100	* *
Real Estate and Leasing	42,100	-100	* *
Utilities	23,700	300	* *

**Insufficient data*

In 2019, the Health Care and Social Assistance industry employed the largest proportion of Albertans



Occupation

Occupations	2019 Employment	Change from 2018	Unemployment Rate
Management	198,500	-19,600	2.5%
Business, finance and administration	382,300	6,000	3.2%
Natural and applied sciences and related occupations	195,200	4,800	3.6%
Health	177,100	6,900	1.0%
Education, law and social, community and government services	238,900	-5,800	3.6%
Art, culture, recreation and sport	51,900	0	2.8%
Sales and service	536,600	23,900	4.7%
Trades, transport and equipment operators and related occupations	398,500	-1,200	7.7%
Natural resources, agriculture and related production occupations	81,000	-10,700	8.1%
Occupations in manufacturing and utilities	83,100	8,000	4.3%

In 2019, two occupational groups had unemployment rates above the provincial average at 6.9%: Trades, transport and equipment operators, at 7.7%; and related occupations and Natural resources, agriculture and related production occupations, at 8.1%. Below is a break down of these occupations and their unemployment rates.

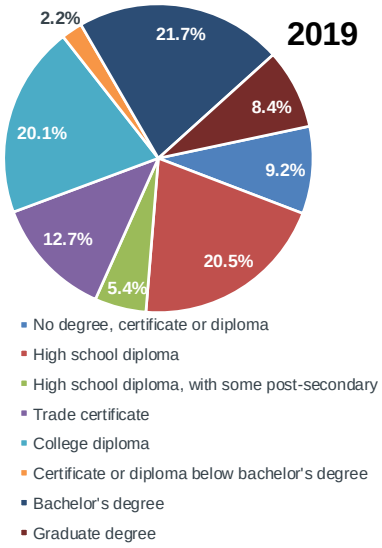
Trades, transport and equipment operators and related occupations	**7.7%**
Industrial, electrical and construction trades	9.6%
Maintenance and equipment operation trades	2.6%
Other installers, repairers and servicers and material handlers	8.3%
Transport and heavy equipment operation and related maintenance occupations	6.0%
Trades helpers, construction labourers and related occupations	23.8%
Natural resources, agriculture and related production occupations	**8.1%**
Supervisors and technical occupations in natural resources, agriculture and related production	4.5%
Workers in natural resources, agriculture and related production	*
Harvesting, landscaping and natural resources labourers	17.4%

**Insufficient data*

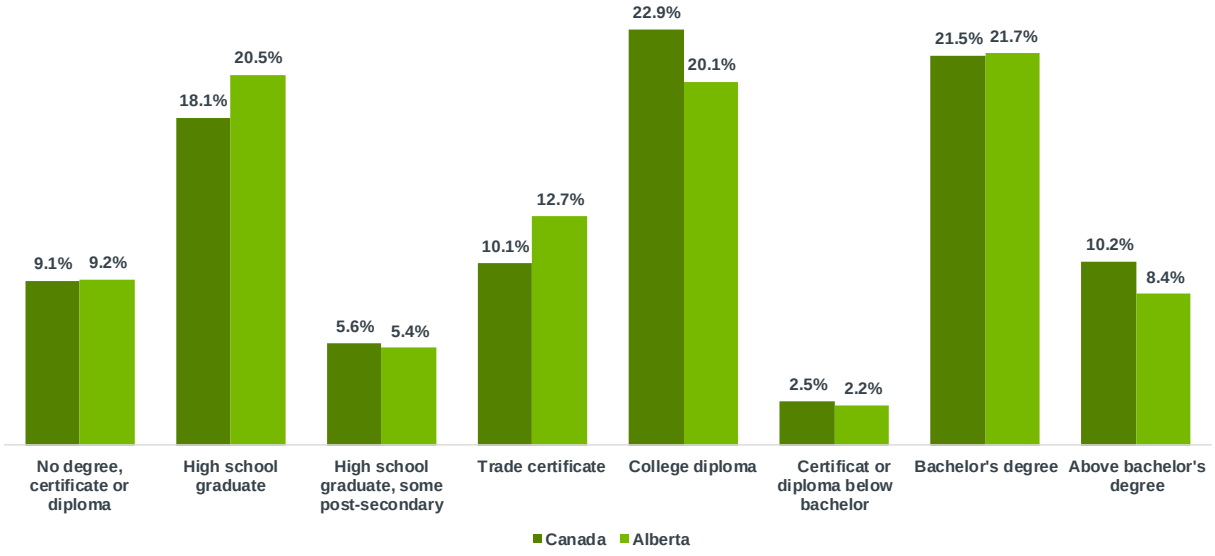
Education

The proportion of Alberta's labour force with diplomas or degrees continues to rise

Highest Educational Level Attained	2015	2016	2017	2018	2019
No degree, certificate or diploma	11.4%	10.2%	9.9%	9.4%	9.2%
High school diploma	23.1%	22.4%	21.9%	21.8%	20.5%
High school diploma, with some post-secondary	4.9%	5.0%	5.7%	5.0%	5.4%
Trade certificate	12.9%	13.2%	13.4%	12.8%	12.7%
College diploma	17.9%	18.6%	18.1%	19.5%	20.1%
Certificate or diploma below bachelor's degree	3.0%	2.7%	2.5%	2.5%	2.2%
Bachelor's degree	18.9%	20.0%	20.8%	21.2%	21.7%
Graduate degree	7.8%	7.9%	7.7%	7.9%	8.4%



In 2019, a higher proportion of Albertans in the labour force had a trade certificate as their highest level of education compared to the national average



Appendix

Population and demographic information is from Statistics Canada's annual population estimates on July 1st. For more information, please see: https://www150.statcan.gc.ca/t1/tbl1/en/tv.action?pid=1710000501

Interprovincial migration is from Statistics Canada's Estimates of the components of interprovincial migration, quarterly. For more information, please see: https://www150.statcan.gc.ca/t1/tbl1/en/tv.action?pid=1710002001

International migration is from Statistics Canada's Estimates of the components of international migration, quarterly. For more information, please see: https://www150.statcan.gc.ca/t1/tbl1/en/tv.action?pid=1710004001

Temporary foreign workers with LMIA is from IRCC, Temporary Foreign Worker Program (TFWP) work permit holders by province/territory of intended destination, intended occupation

Information about **employment**, **unemployment**, **occupation**, **industry** and **education** is from Statistics Canada's Labour Force survey, for methodology and definitions please see **Guide to the Labour Force Survey**

Occupation is based on the National Occupational Classification (NOC) 2016. For more information, please see: https://www23.statcan.gc.ca/imdb/p3VD.pl?Function=getVD&TVD=1204813

Industry is based on the North American Industry Classification System (NAICS) Canada 2017. For more information, please see: https://www23.statcan.gc.ca/imdb/p3VD.pl?Function=getVD&TVD=307532