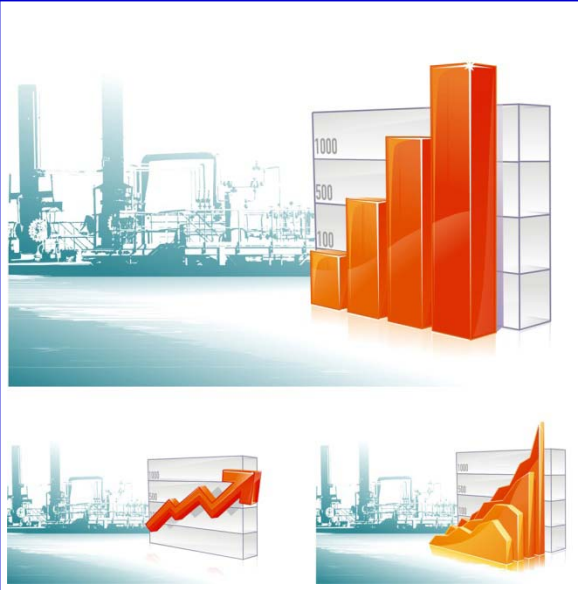


Alberta Labour Market Outlook



Released March 2011

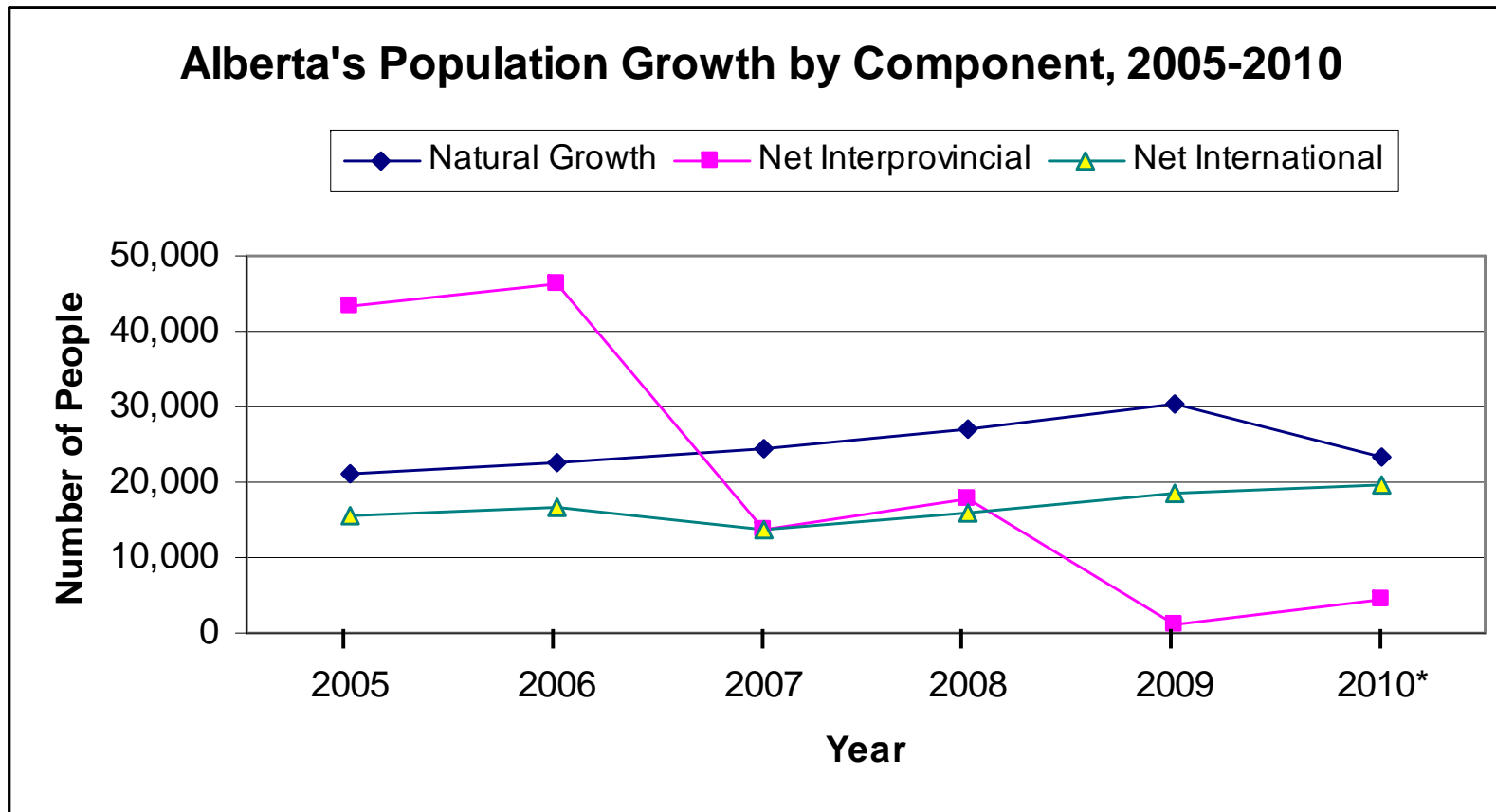
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Factors Affecting Alberta's Labour Market

- **The pace of domestic and global economic recovery**
- **Economic recovery in the United States (US)**
- **Value of the Canadian dollar**
- **Price of oil and natural gas**
- **Concerns about the environment and climate change**
- **Aging population**
- **Interprovincial and international net migration**

Alberta

Components of Population Growth, 2005 - 2010



* Figures for 2010 are based on the first three quarters only

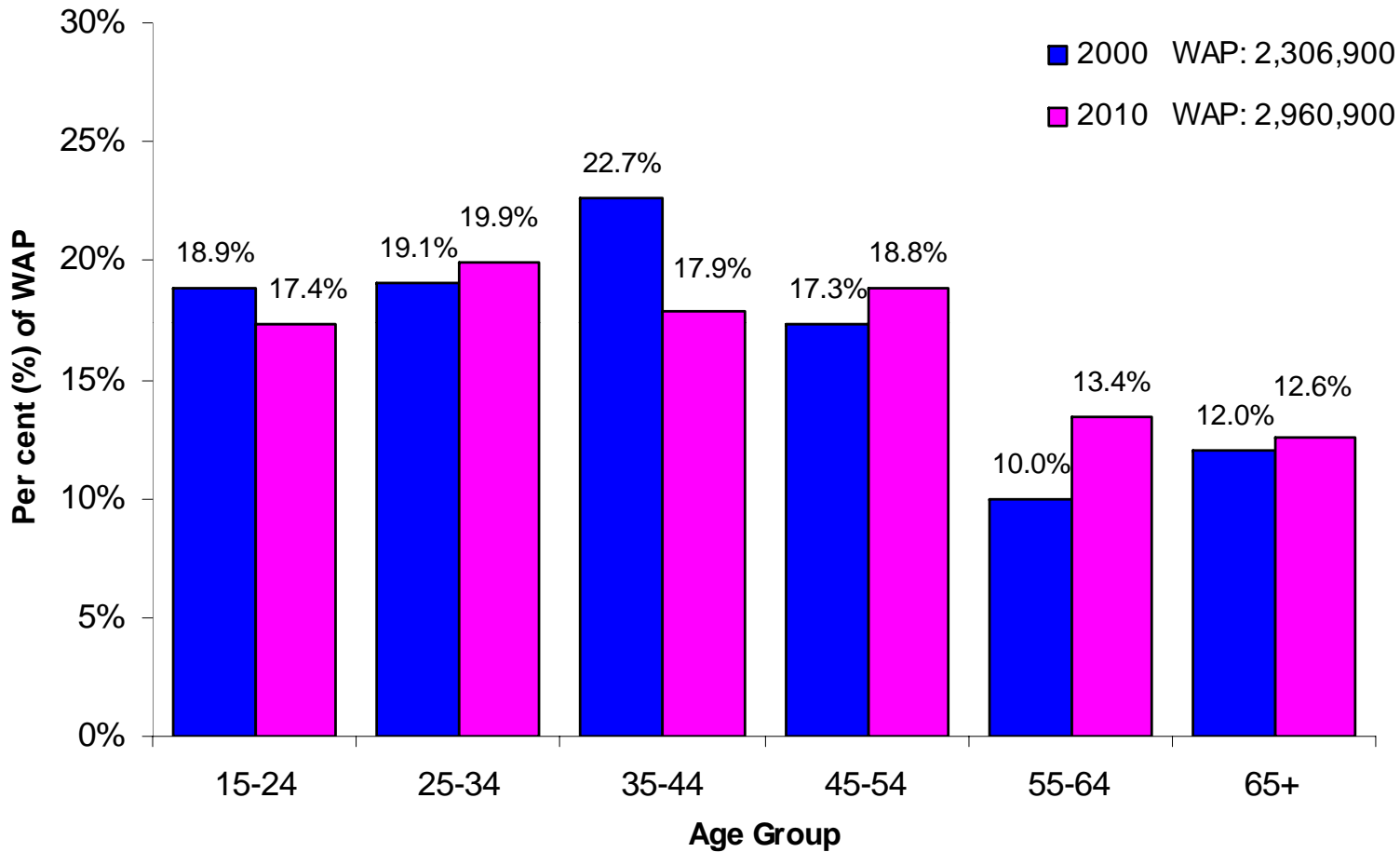
Data Source: Statistics Canada.

Prepared by: Alberta Finance and Enterprise, Economics, Demography and Public Finance, December 22, 2010

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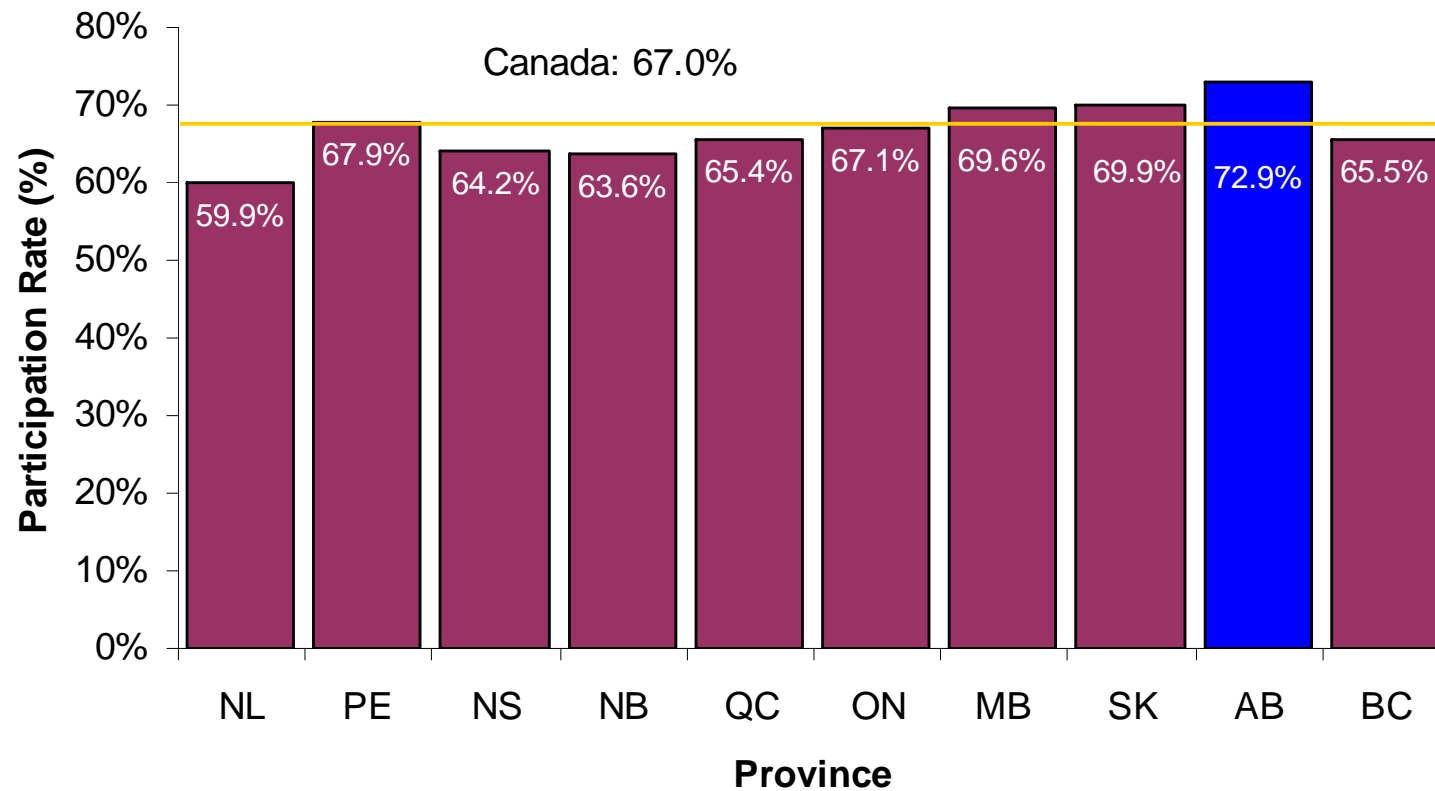
Working Age Population (WAP) by Age Group



Data Source: Statistics Canada, Labour Force Historical Review (2010)

Canada and Provinces

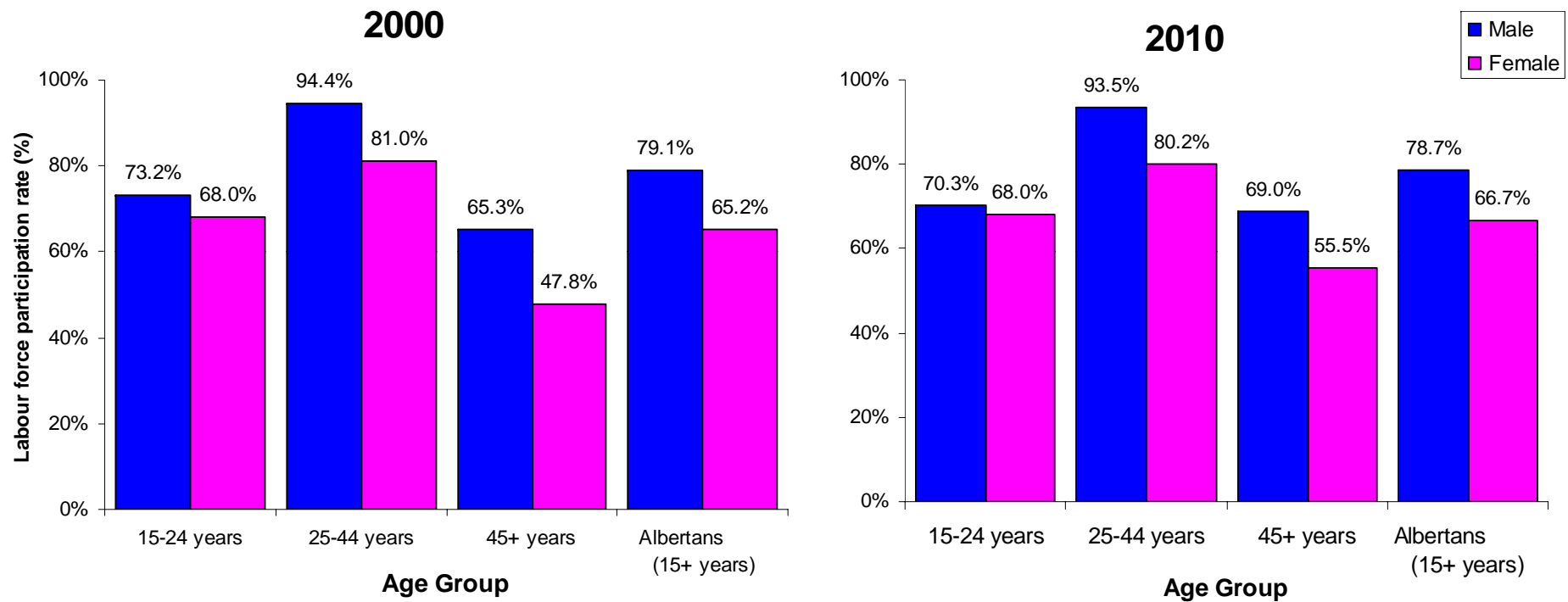
Labour Force Participation Rates, 2010



Data Source: Statistics Canada, Labour Force Historical Review (2010)

Alberta

Participation Rate by Age Group and Sex



Data Source: Statistics Canada, Labour Force Historical Review (2010)

Alberta

Labour Force Statistics by Economic Region, 2010

Athabasca – Grande Prairie:

Working Age Population: 189,800
Labour Force: 139,600
Unemployment Rate: 6.8%

Jasper – Banff – Rocky Mountain House:

Working Age Population: 71,600
Labour Force: 56,000
Unemployment Rate: 5.4%

Red Deer:

Working Age Population: 152,300
Labour Force: 110,700
Unemployment Rate: 6.2%

Calgary:

Working Age Population: 1,089,800
Labour Force: 811,000
Unemployment Rate: 6.9%

Wood Buffalo – Cold Lake:

Working Age Population: 99,900
Labour Force: 79,300
Unemployment Rate: 5.0%

Edmonton:

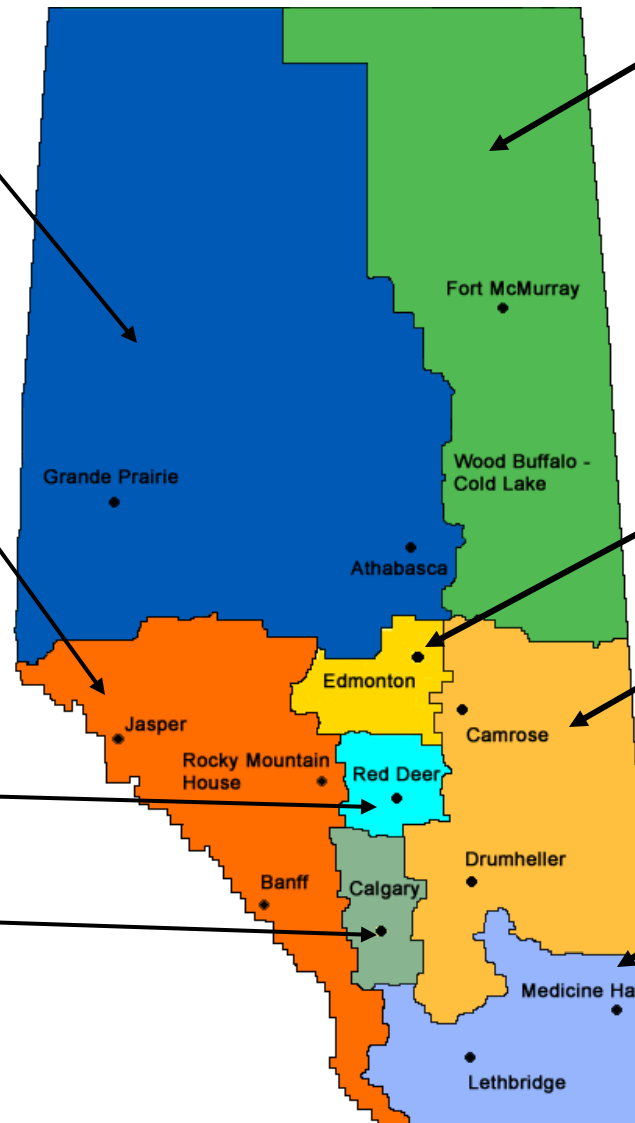
Working Age Population: 984,800
Labour Force: 702,500
Unemployment Rate: 6.7%

Camrose – Drumheller:

Working Age Population: 155,500
Labour Force: 112,000
Unemployment Rate: 4.8%

Lethbridge – Medicine Hat:

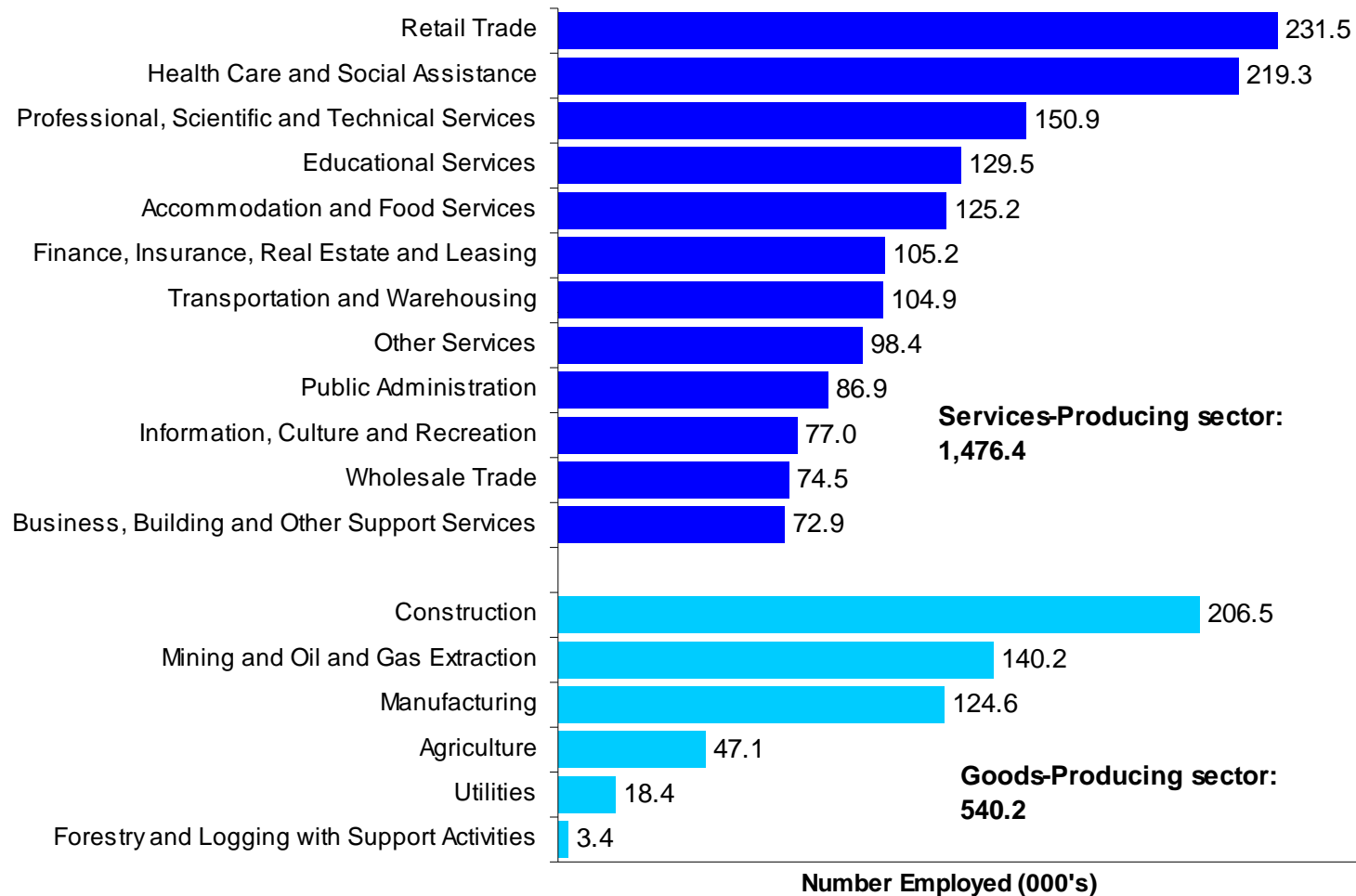
Working Age Population: 217,200
Labour Force: 146,200
Unemployment Rate: 6.4%



Data Source: Statistics Canada, Labour Force Historical Review (2010)

Alberta

Employment by Industry, 2010



Data Source: Statistics Canada, Labour Force Historical Review (2010)

Alberta

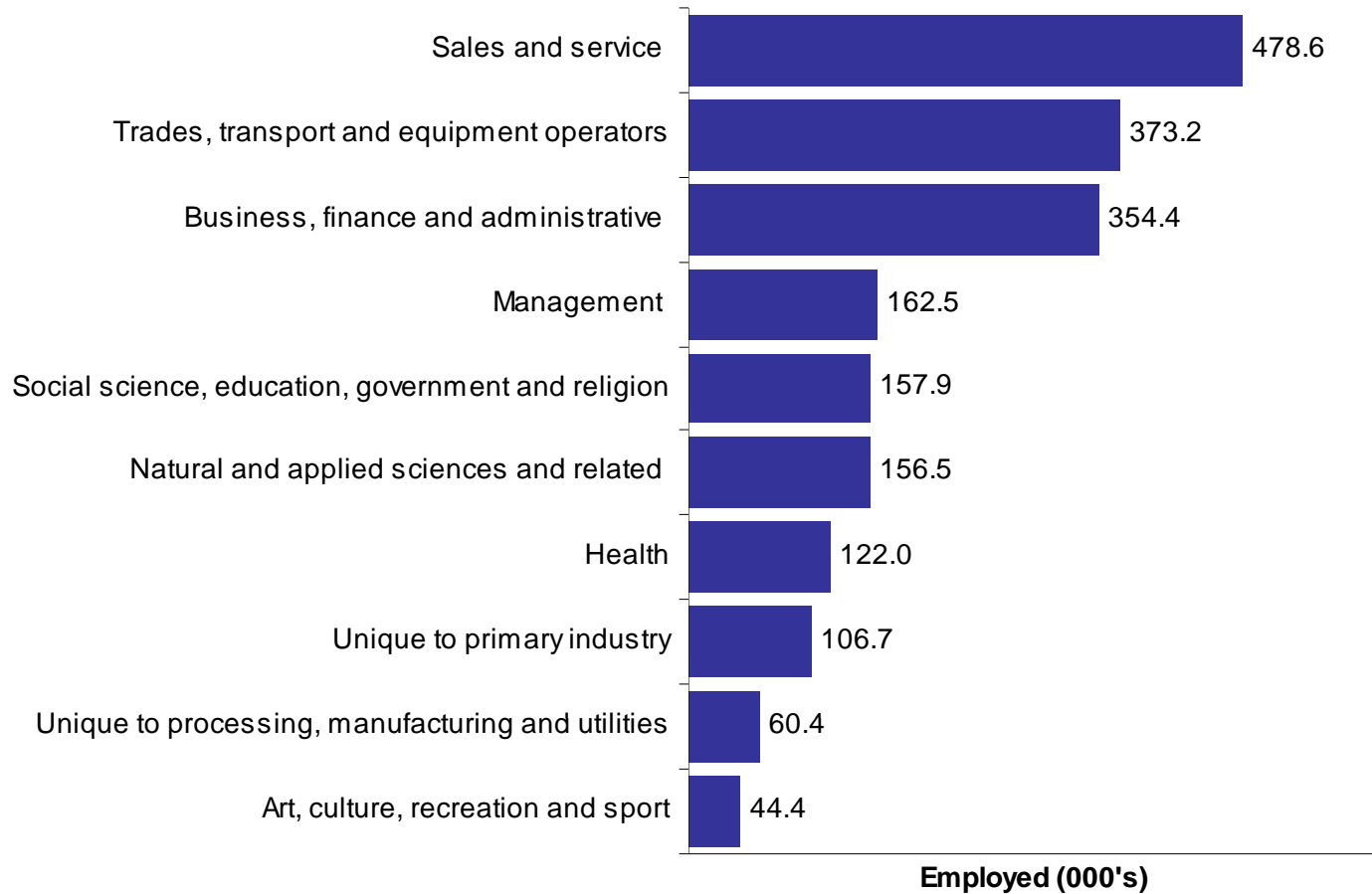
Change in Employment by Industry

Change in Employment by Industry, 2009 - 2010			
	2009 (000's)	2010 (000's)	% Change
Total, all industries	2,025.2	2,016.6	-0.4%
Goods-Producing Sector	537.2	540.2	0.6%
Agriculture	53.7	47.1	-12.3%
Forestry and Logging with Support Activities	3.1	3.4	9.7%
Mining and Oil and Gas Extraction	138.8	140.2	1.0%
Utilities	21.3	18.4	-13.6%
Construction	195.9	206.5	5.4%
Manufacturing	124.5	124.6	0.1%
Services-Producing Sector	1,487.9	1,476.4	-0.8%
Wholesale Trade	77.6	74.5	-4.0%
Retail Trade	231.6	231.5	0.0%
Transportation and Warehousing	106.1	104.9	-1.1%
Finance, Insurance, Real Estate and Leasing	111.9	105.2	-6.0%
Professional, Scientific and Technical Services	153.5	150.9	-1.7%
Business, Building and Other Support Services	68.3	72.9	6.7%
Educational Services	134.2	129.5	-3.5%
Health Care and Social Assistance	202.0	219.3	8.6%
Information, Culture and Recreation	80.9	77.0	-4.8%
Accommodation and Food Services	129.3	125.2	-3.2%
Other Services	102.3	98.4	-3.8%
Public Administration	90.3	86.9	-3.8%

Data Source: Statistics Canada, Labour Force Historical Review (2010)

Alberta

Employment by Occupation, 2010



Data Source: Statistics Canada, Labour Force Historical Review (2010)

Alberta

Change in Employment by Occupation

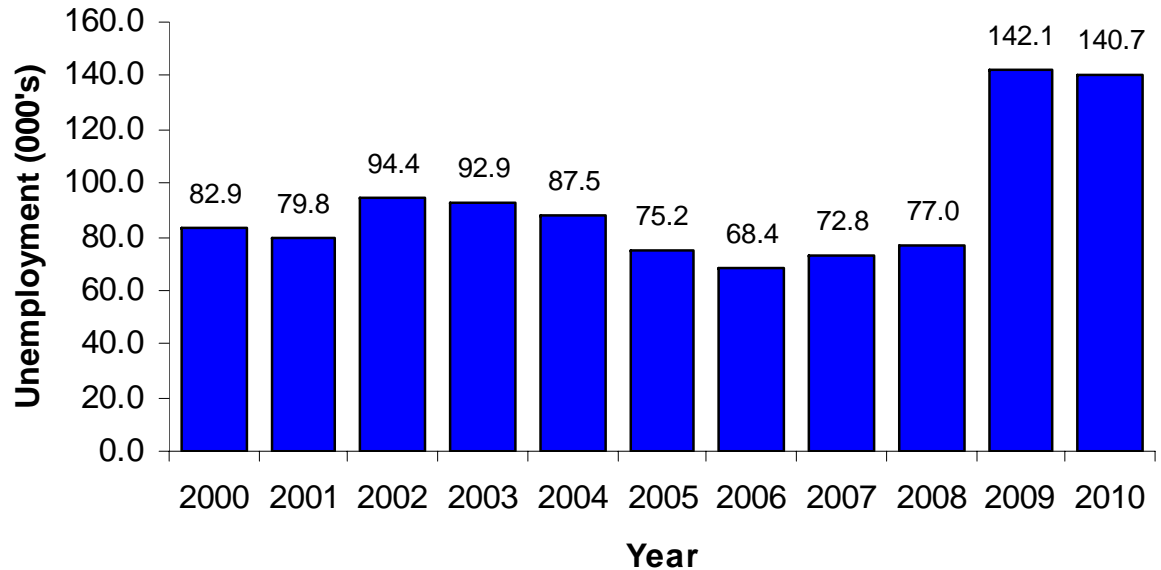
Change in Employment by Occupation, 2009 - 2010			
	2009 (000's)	2010 (000's)	% Change
Total, all occupations	2,025.2	2,016.6	-0.4%
Management occupations	163.1	162.5	-0.4%
Business, finance and administrative occupations	358.6	354.4	-1.2%
Natural and applied sciences and related occupations	166.7	156.5	-6.1%
Health occupations	111.0	122.0	9.9%
Occupations in social science, education, government service and religion	157.6	157.9	0.2%
Occupations in art, culture, recreation and sport	45.4	44.4	-2.2%
Sales and service occupations	481.3	478.6	-0.6%
Trades, transport and equipment operators and related occupations	369.1	373.2	1.1%
Occupations unique to primary industry	109.0	106.7	-2.1%
Occupations unique to processing, manufacturing and utilities	63.3	60.4	-4.6%

Data Source: Statistics Canada, Labour Force Historical Review (2010)

Alberta

Historical Unemployment, 2000 - 2010

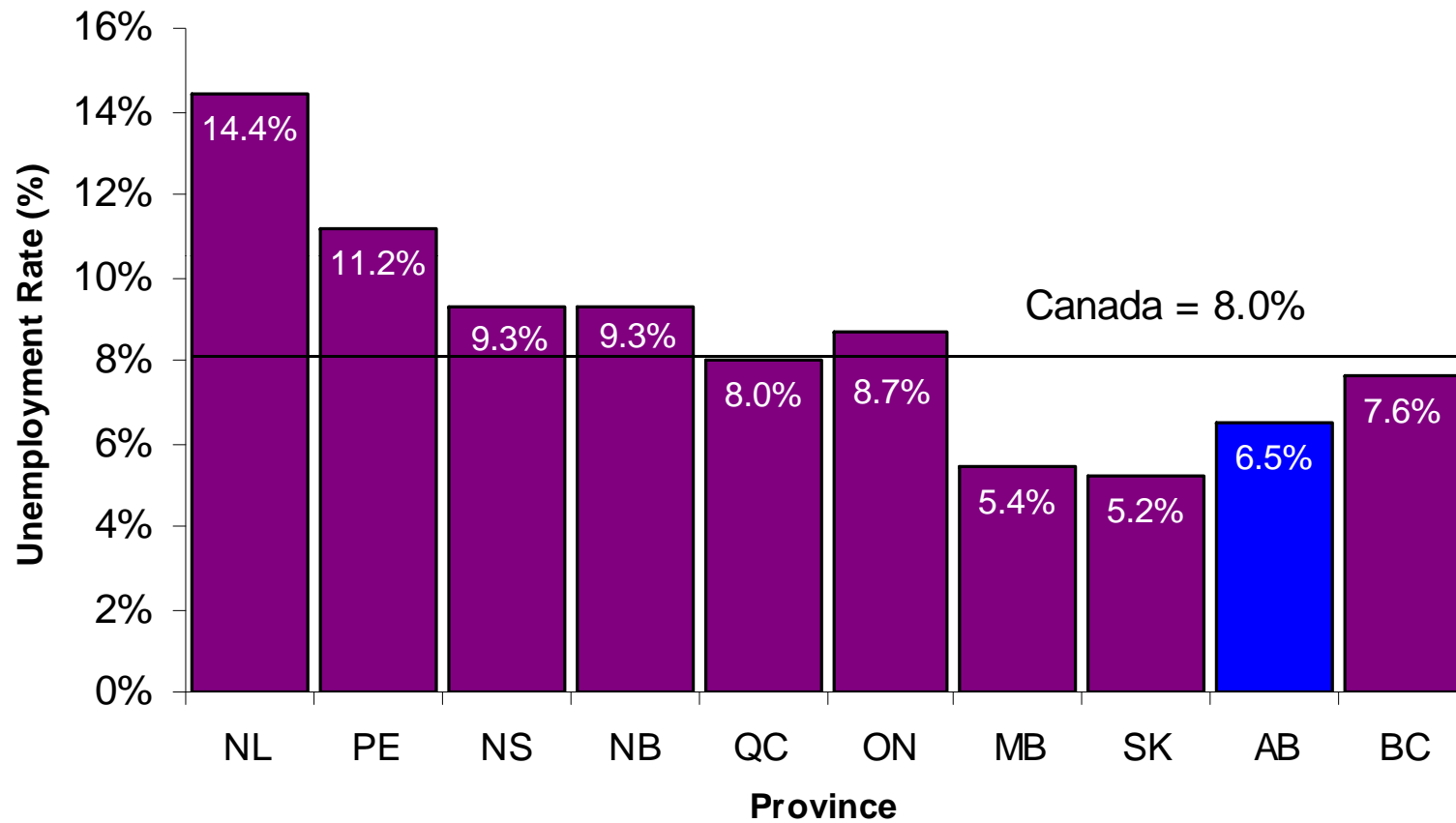
The unemployment levels in 2009 and 2010 were the highest since 1984 when 145,400 people were unemployed.



Data Source: Statistics Canada, Labour Force Historical Review (2010)

Canada and Provinces

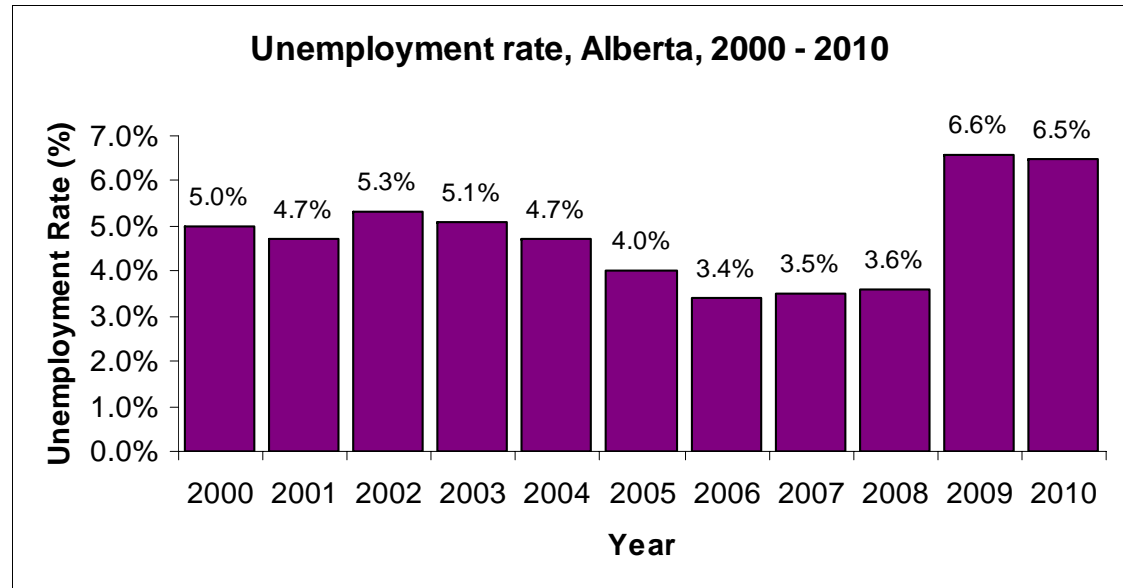
Unemployment Rate, 2010



Data Source: Statistics Canada, Labour Force Historical Review (2010)

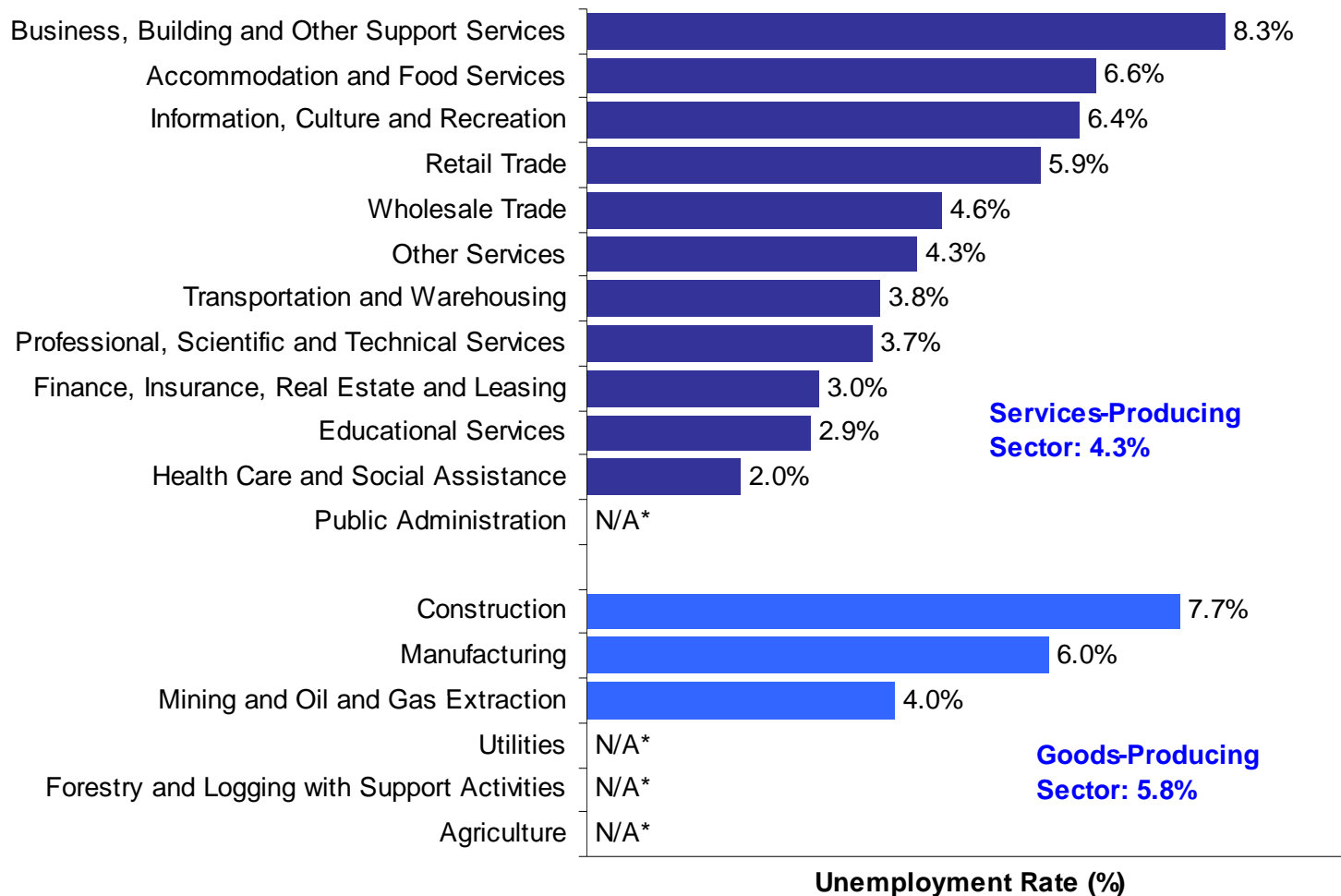
Alberta's Unemployment Rate, 2000 - 2010

Alberta's average unemployment rate of 6.5% in 2010 was the third lowest in the country, behind Saskatchewan's 5.2% and Manitoba's 5.4%.



Alberta

Unemployment Rate by Industry, 2010



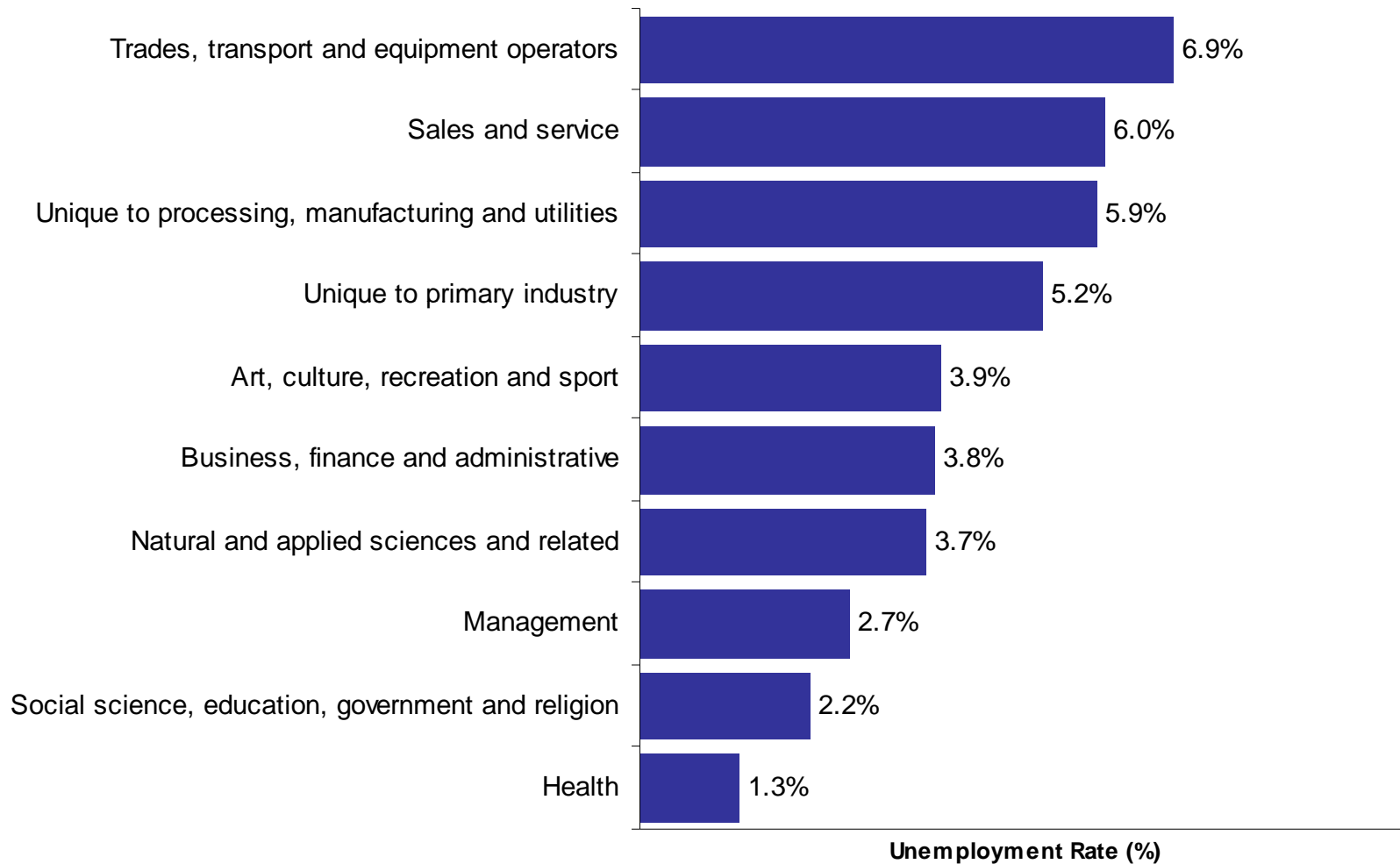
* N/A denotes data suppressed by Statistics Canada

Data Source: Statistics Canada, Labour Force Historical Review (2010)

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Unemployment Rate by Occupation, 2010

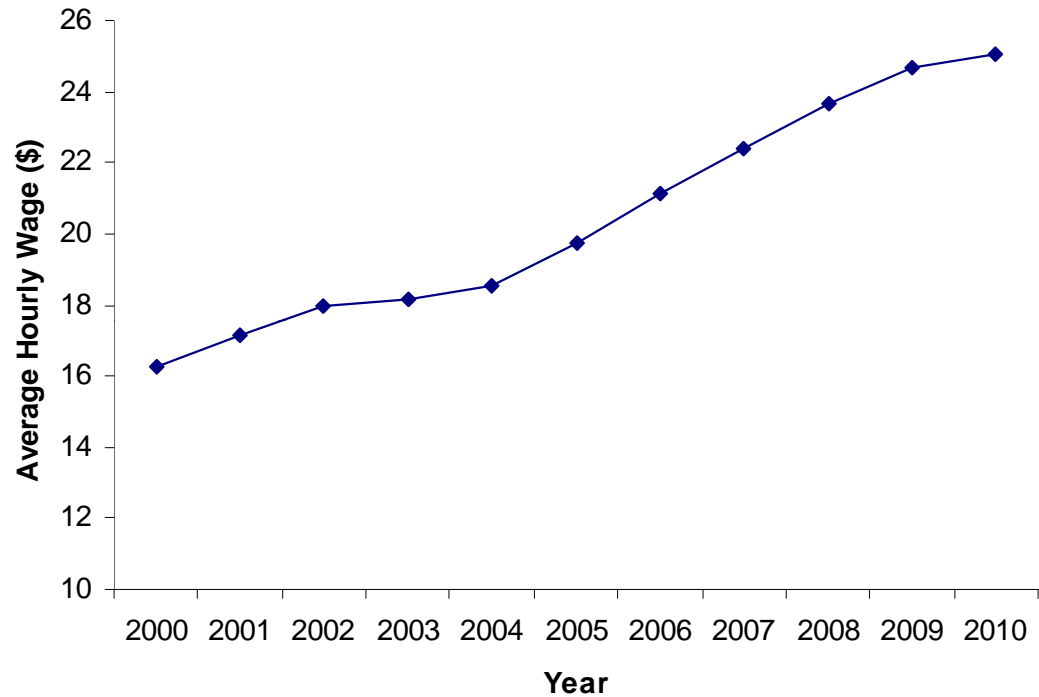


Data Source: Statistics Canada, Labour Force Historical Review (2010)

Alberta

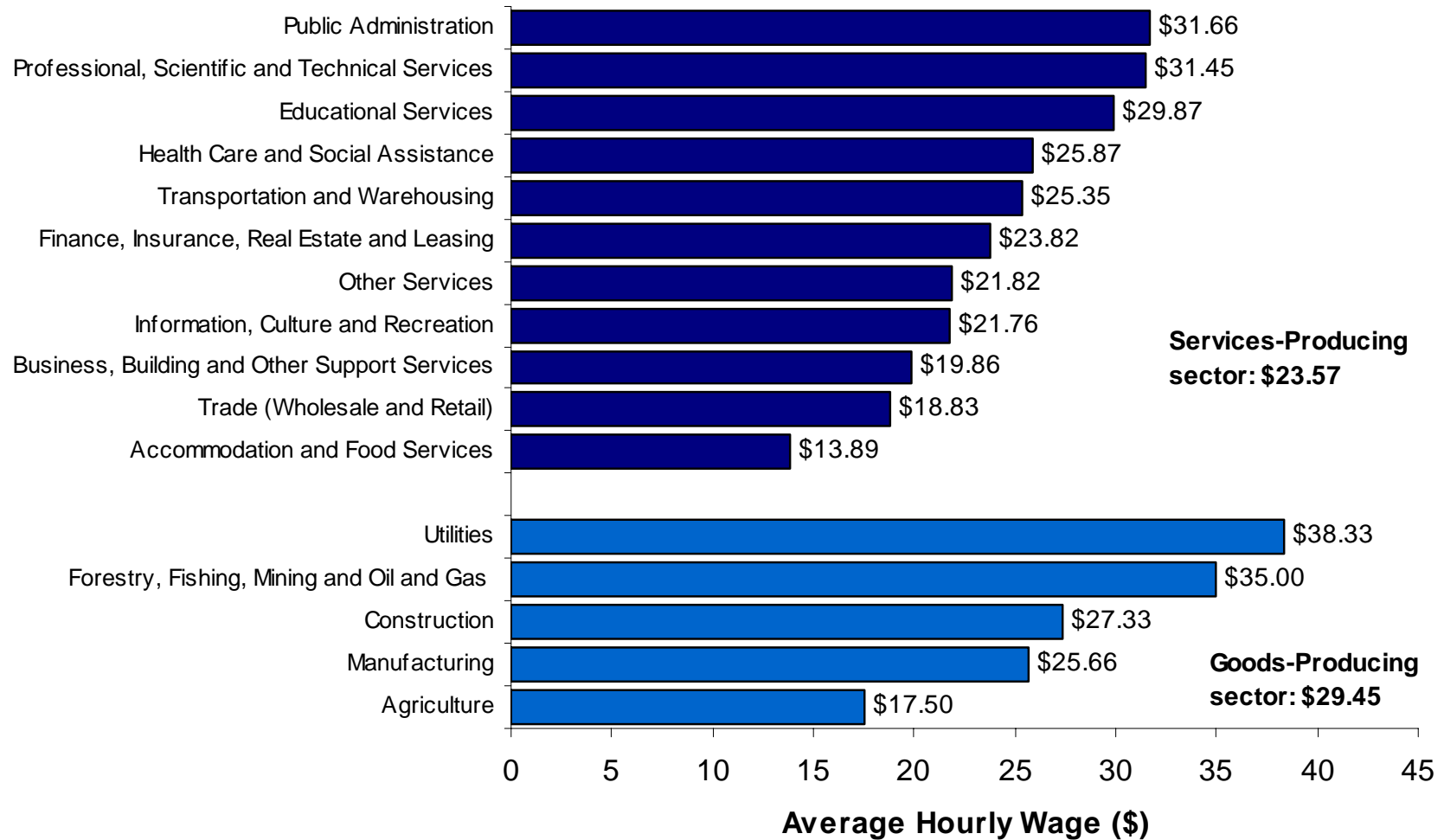
Average Hourly Wages, 2000 - 2010

- After increasing by over \$1.00 annually from 2004 to 2009, Alberta's average hourly wage rate increased by only 35 cents in 2010 to \$25.05.
- Alberta has had the highest average hourly wage rate in Canada since 2006.



Alberta

Average Hourly Wage by Industry, 2010

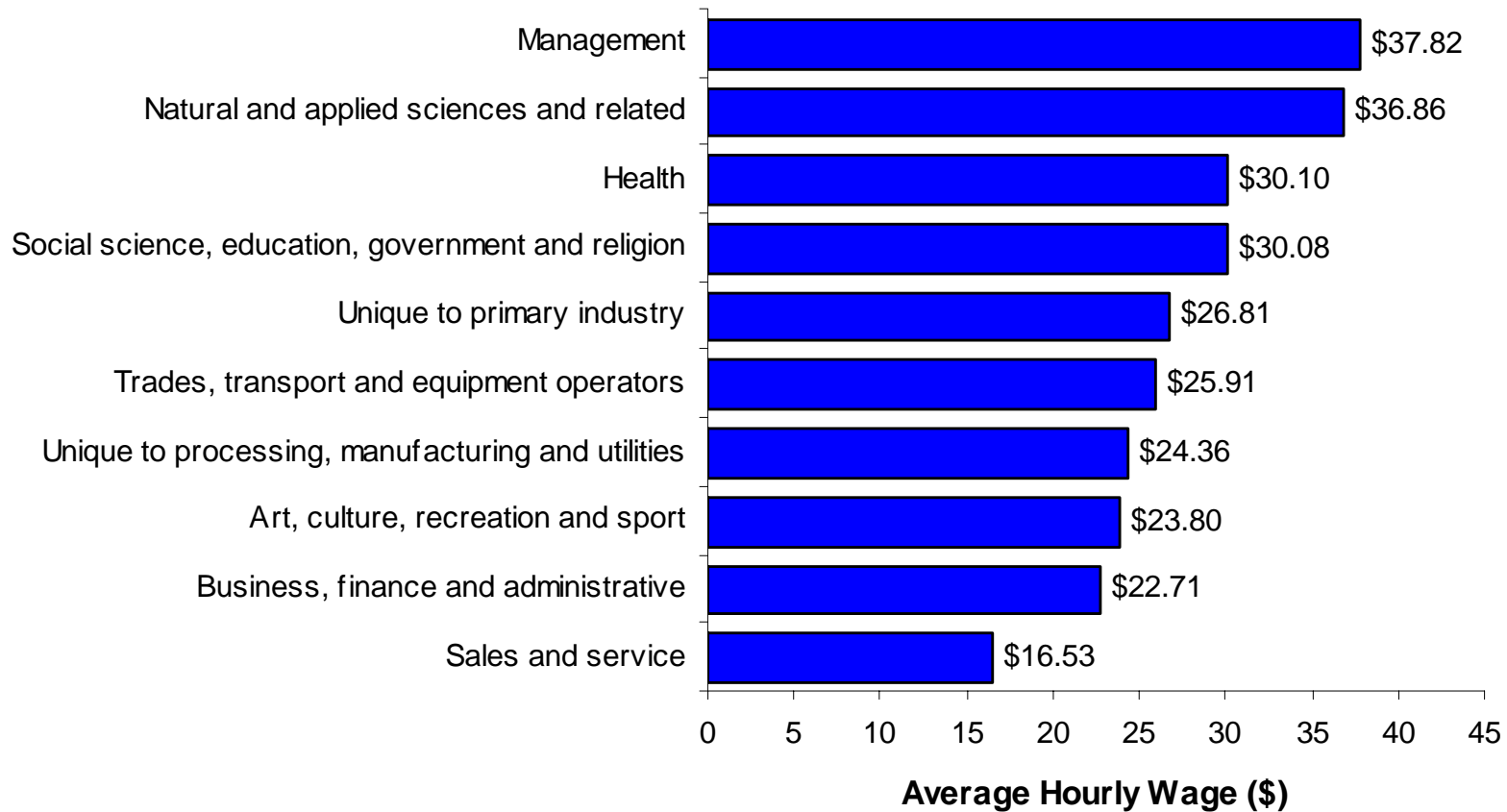


Data Source: Statistics Canada, Labour Force Historical Review (2010)

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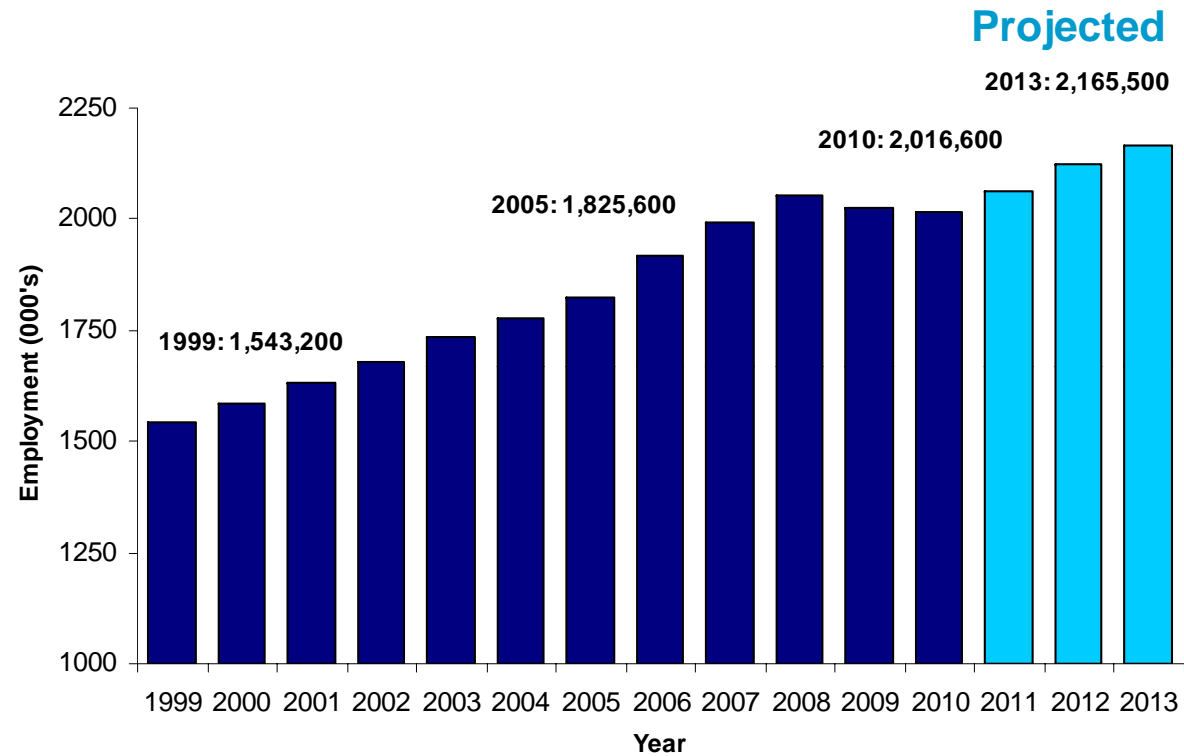
Average Hourly Wage by Occupation, 2010



Data Source: Statistics Canada, Labour Force Historical Review (2010)

Alberta Employment, 1999-2013

From 2011 to 2013, the projected growth in the number of employed Albertans will be 148,900.

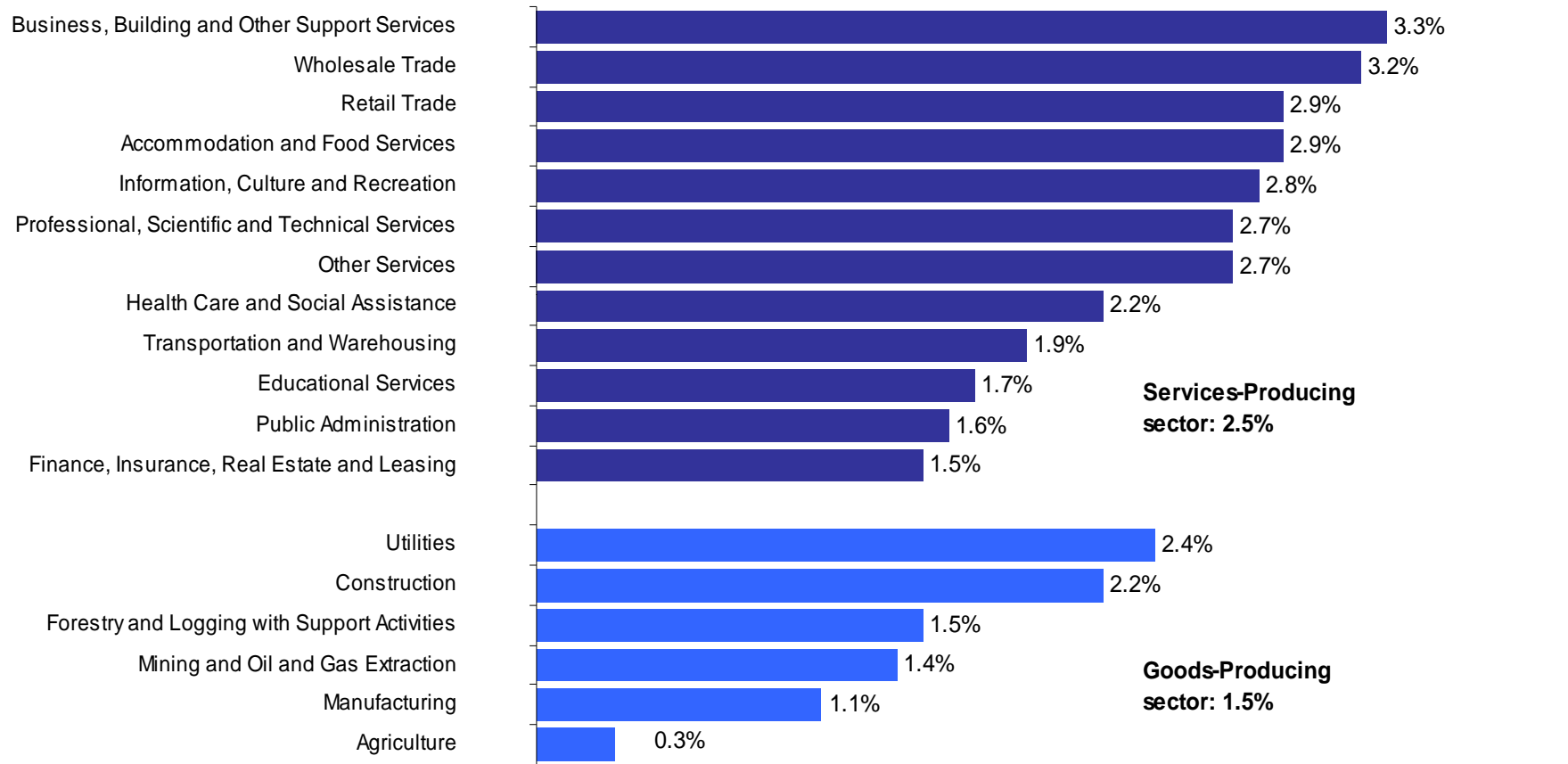


Data Source: Statistics Canada, Labour Force Historical Review (2010),
Alberta Modified Canadian Occupational Projection System (COPS) Outlook,
2009-2013, Industry Employment Outlook

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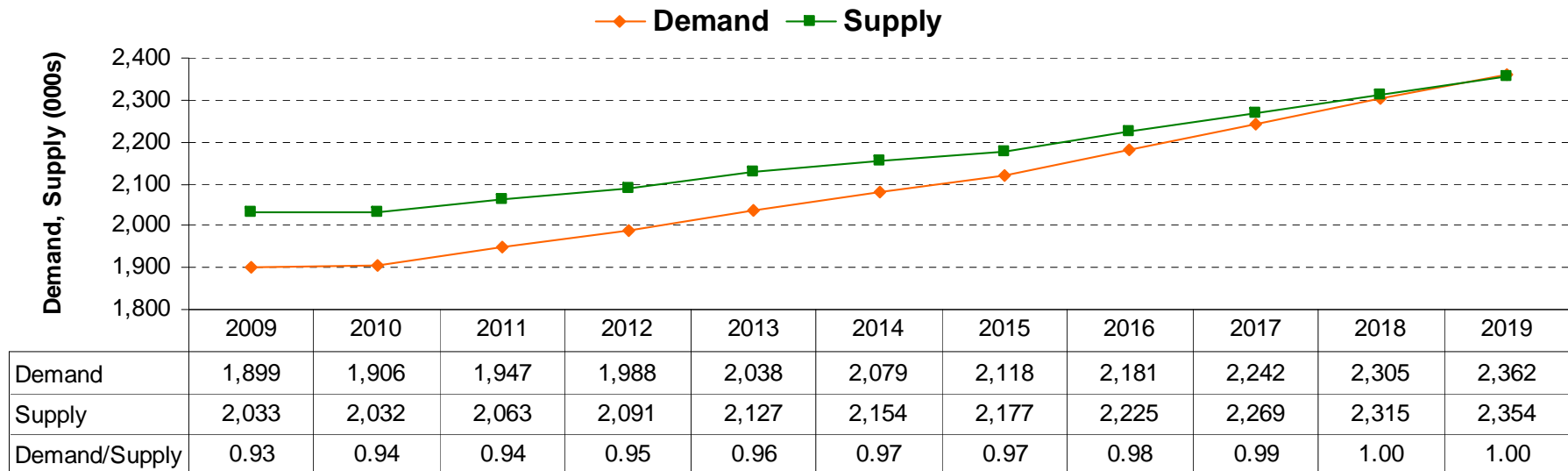
Average Employment Growth by Industry, 2010-2013



Average Annual Employment Growth (%), 2010-2013

Alberta

Occupational Demand and Supply Outlook, 2009-2019 Shortages and Surpluses



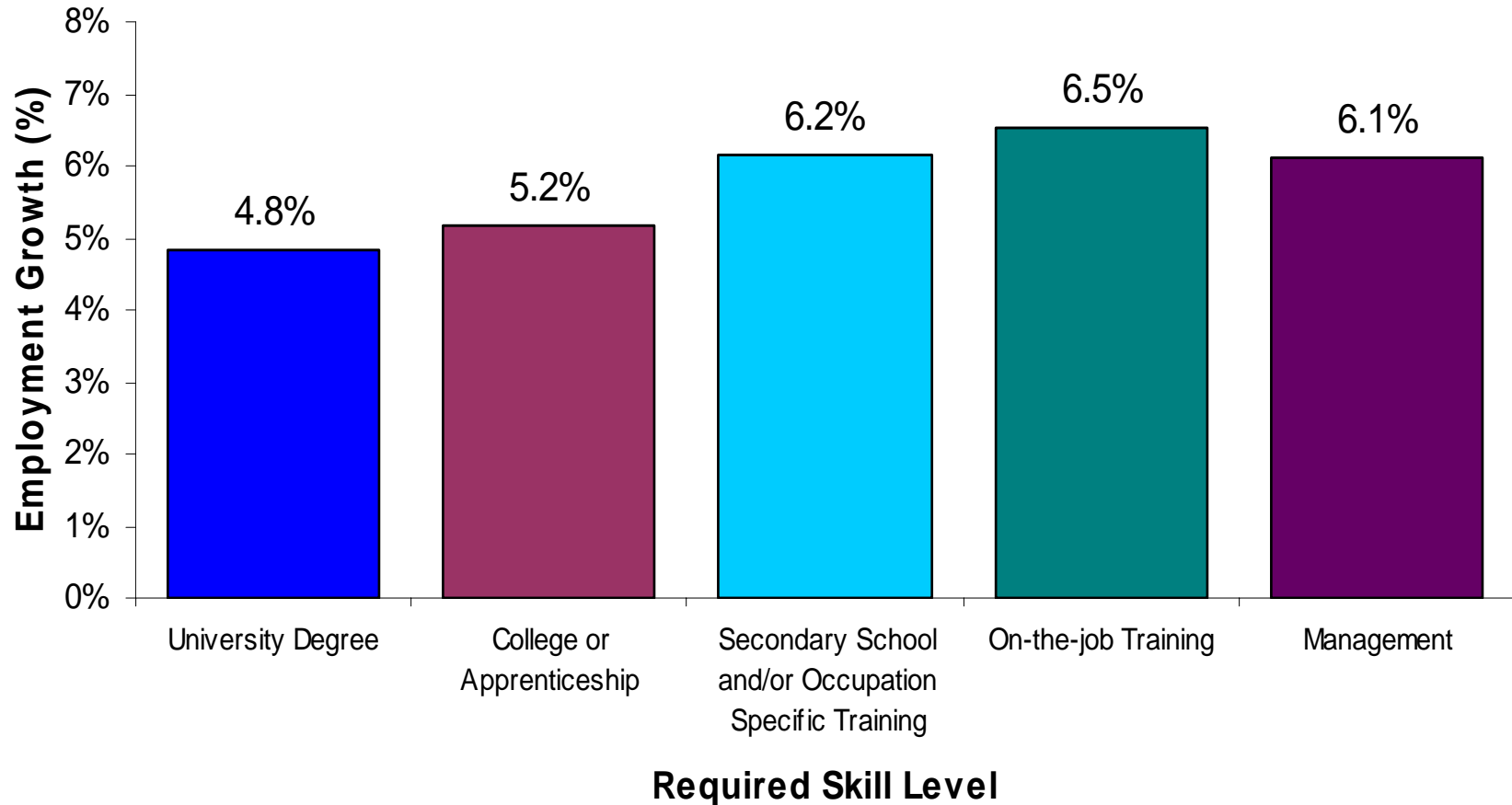
Note: Demand/Supply less than 1 denotes surplus

Demand/Supply greater than 1 denotes shortage

Data Source: Alberta's Occupational Demand and Supply Outlook 2009-2019

Alberta

Total Employment Growth by Skill Level, 2010-2013

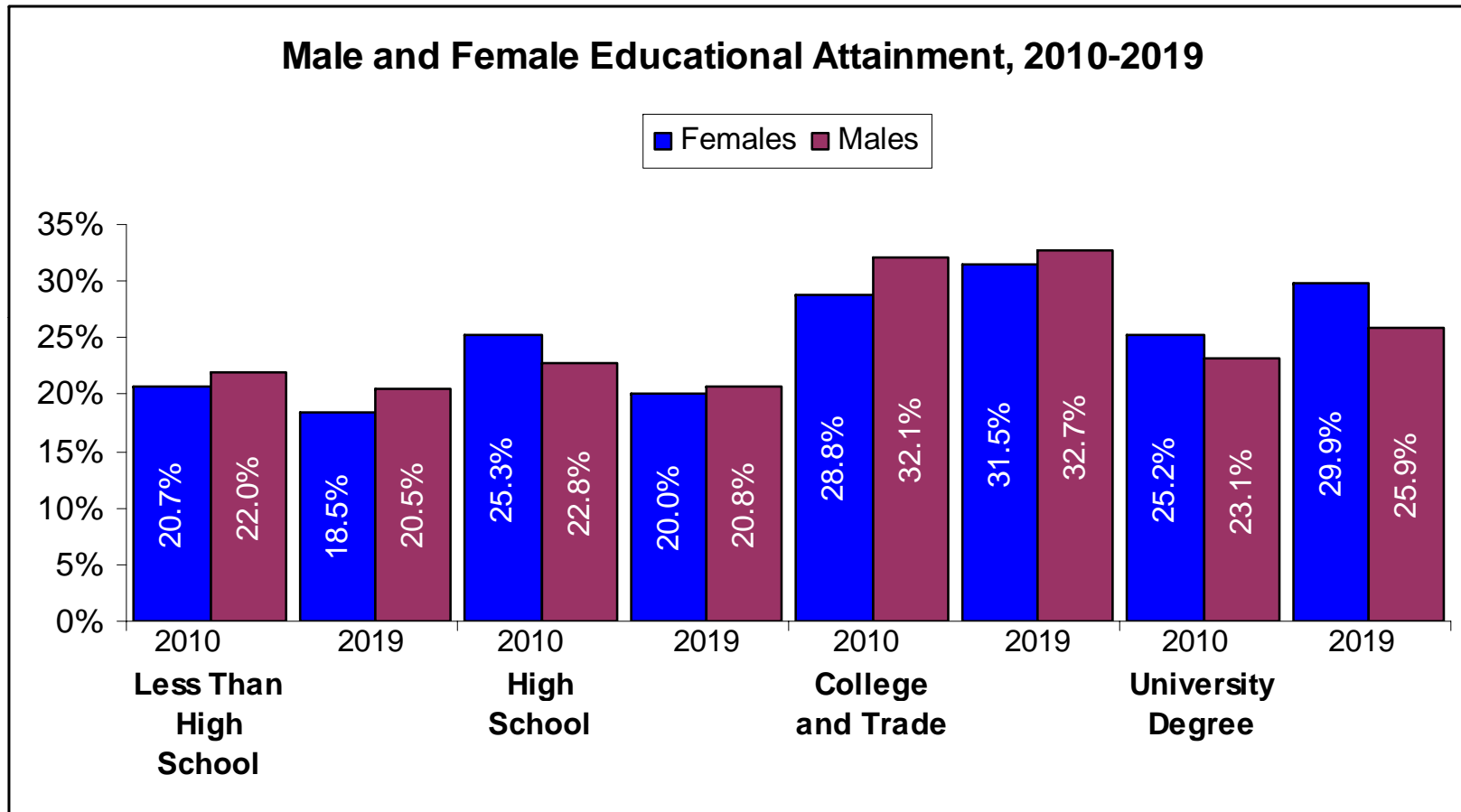


Data Source: Alberta Occupational Demand Outlook, 2010-2020, Occupations by Skill

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Educational Attainment by Sex, 2010-2019



Data Source: Alberta's Occupational Supply Outlook Model

Note: For more information, please refer to

Alberta's Occupational Supply Outlook Model: Education and Skills 2009-2019

Conclusion

- **Alberta's pace of economic recovery is expected to improve in 2011.**
- **It will still be dependent on improvements in world commodity prices, the pace of global economic recovery, particularly the US economic recovery, and the value of the Canadian dollar relative to the US dollar.**
- **Unemployment levels will continue to decline this year.**
- **Labour supply pressures are expected to resurface for some occupations in the medium and long term due to Alberta's aging population.**
- **Investment in innovation and skills upgrading are key to finding employment in Alberta in the coming years.**
- **Medium to long term labour force planning should continue to ensure Alberta has the skilled labour force it requires in the future.**

For More Information on Departmental Initiatives and Web Sites of Interest . . .

- Alberta Employment and Immigration (Labour Market Information):

<http://employment.alberta.ca/lmi>

- Alberta Learning Information Service:

www.alis.alberta.ca

- Canada-Alberta JOBS (Job Order Bank Service):

www.jobbank.gc.ca

- Statistics Canada:

www.statcan.gc.ca

- Alberta-Canada

www.albertacanada.com