



**economy**

# Key Stats



Of 11 peer cities assessed, Calgary has the second highest level of **economic power** comparing GDP per capita

*- Deloitte, Benchmarking Calgary's Competitiveness, 2015*



Of 11 peer cities assessed, Calgary has the second highest level of **economic growth** comparing GDP growth

*- Deloitte, Benchmarking Calgary's Competitiveness, 2015*



**Highest GDP per Capita** in 2017 of major Canadian cities.

*- The Conference Board of Canada, Statistics Canada, 2018*



**8 of the Top 10 World Banks** and **8 of the Top 10 Investment Banks** have a presence in Calgary

*- The Banker Database, 2018; Banks around the World, 2018*

# Benchmarking Calgary's Competitiveness



- Calgary ranks **1<sup>st</sup> in Population Growth** (*annual population growth rate*)
- Calgary ranks **1<sup>st</sup> in Labour Participation**
- Calgary ranks **1<sup>st</sup> in Education** (*highest education achieved*)
- Calgary ranks **1<sup>st</sup> in Industrial Land Price** (*price per sq. ft.*)
- Calgary ranks **2<sup>nd</sup> in Economic Power** (*GDP per capita*)
- Calgary ranks **2<sup>nd</sup> in Economic Growth** (*GDP growth*)
- Calgary ranks **3<sup>rd</sup> in Diversity** (*immigrant population*)
- Calgary ranks **3<sup>rd</sup> in Research & Development** (*annual R&D expenditures per capita*)
- Calgary ranks **3<sup>rd</sup> in Businesses** per 100 people
- Calgary ranks **4<sup>th</sup> in Commercial Real Estate** (*rent per sq. ft.*)
- Calgary ranks **5<sup>th</sup> in Housing Affordability** (*housing median multiple*)

# Economic Scorecard Competitiveness



**Benchmarking 19 metro regions across 38 indicators:  
22 economic + 16 social**



# Financial Competitiveness



- **8 of the Top 10 World Banks and 8 of the Top 10 Investment Banks** have an office in Calgary.
- Total value of completed merger and acquisition deals in 2016 topped **\$85.6 billion**, equivalent to **more than one-third of all M&A activity** across the country.
- High deal velocity and large deal size, with the average deal size estimated at **\$197 million**, compared to \$99 million in Toronto and \$24 million in Vancouver.
- **Highest concentration** of head offices per capita in Canada, with 70.4 percent of head offices focused in energy and oil field services.
- **Wealth management, private equity and asset management services have thrived** in Calgary due to the concentration of private wealth in the city.
- Labour productivity in Calgary's Financial sector is **25 per cent higher** than the Canadian average.

# Economic Indicators Summary



	2012	2013	2014	2015	2016	2017	2018F
<b>GDP Growth</b> Calgary CMA	4.1%	5.6%	6.7%	-3.6%	-3.5%	6.3%	2.9%
<b>Alberta Capital Expenditure on Oil and Gas Extraction (Billions)</b>	\$58.8	\$65.1	\$76.1	\$38.0	\$27.5	\$25.6	\$22.5
<b>Price of Oil</b>							
WTI (EIA STEO Data Browser; \$USD/barrel)	\$94.08	\$97.98	\$93.17	\$48.67	\$43.33	\$50.79	\$66.21
WCS (AER; \$USD/barrel)	\$57.87	\$58.96	\$43.24	\$22.51	\$29.65	\$38.69	\$39.50
<b>Price of Gas</b>							
Henry Hub Spot Price (EIA STEO Data Browser; \$USD/mmBTU)	\$2.75	\$3.73	\$4.39	\$2.63	\$2.51	\$2.99	\$2.96
AECO-C (Bloomberg + Birchcliff Energy Ltd.; \$CDN/GJ)	\$3.01	\$3.68	\$3.05	\$2.19	\$2.05	\$2.05	\$1.52
<b>Unemployment Rate</b> CMA (December)	4.9%	4.5%	4.5%	6.8%	10.2%	7.5%	7.9% July 2018
<b>Net Migration</b> CMA; July 1 to June 30 of previous year; updated annually in February	28,781	37,286	35,388	18,563	18,542	13,716	
<b>Office Vacancy</b> Downtown (Q4)	5.0%	9.1%	9.8%	17.6%	25.0%	27.7%	27.8% Q2 2018
<b>Building Permits</b> CMA (Billions)	\$5.25	\$7.14	\$7.33	\$7.17	\$5.42	\$5.43	\$2.91 YTD June 2018
<b>Benchmark Home Price</b> All Housing Types (December)	\$0	\$0	\$0	\$0	\$0	\$0	\$430,000 July 2018
<b>Housing Starts</b> Single-Detached	5,961	6,402	6,494	4,138	3,489	4,423	4,200 - 4,600

Sources: Alberta Energy Regulator, Bloomberg + Birchcliff Energy Ltd., Canadian Real Estate Association, CBRE Limited, CMHC, The Conference Board of Canada, Industry Canada, Statistics Canada, U.S. Energy Information Administration



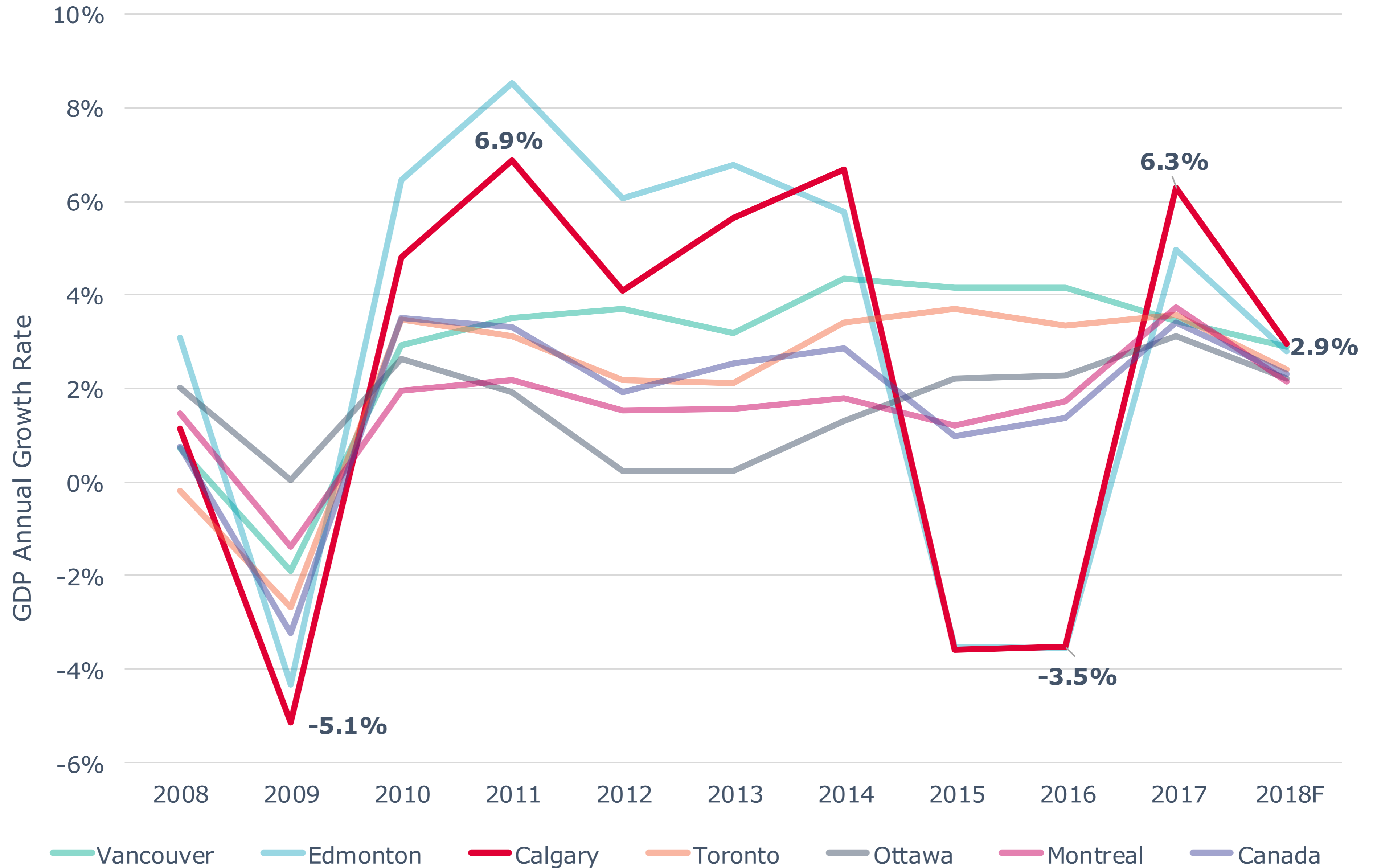
# Major Canadian Cities Comparison



	Vancouver	Edmonton	Calgary	Saskatoon	Toronto	Ottawa	Montreal	Canada
2017 Real GDP Growth	3.4%	5.0%	<b>6.3%</b>	2.8%	3.6%	3.1%	3.7%	3.4%
2018F Real GDP Growth	2.9%	2.8%	<b>2.9%</b>	2.0%	2.4%	2.2%	2.2%	2.3%
CMA Population <small>July 2017</small>	2,571,262	1,411,945	<b>1,488,841</b>	323,809	6,346,088	1,377,016	4,138,254	36,708,083
2017 Population Growth	1.1%	1.8%	<b>1.8%</b>	2.9%	2.0%	1.9%	1.2%	1.2%
Unemployment Rate <small>July 2018</small>	4.4%	6.5%	<b>7.9%</b>	7.1%	6.1%	4.5%	6.1%	5.8%
Participation Rate <small>July 2018</small>	65.3%	72.0%	<b>72.2%</b>	70.1%	66.0%	67.6%	67.4%	65.4%
Employment Growth <small>July 2018</small>	-11,500 -0.8%	12,700 1.7%	<b>-10,200 -1.2%</b>	3,300 1.9%	69,900 2.1%	20,800 2.9%	31,400 1.5%	245,900 1.3%
Full-Time Employment Growth <small>July 2018</small>	-1.2%	2.0%	<b>-1.2%</b>	-0.3%	3.4%	1.3%	1.1%	1.4%
Part-Time Employment Growth <small>July 2018</small>	-4.0%	1.6%	<b>-2.7%</b>	3.9%	-6.8%	7.8%	-1.5%	1.0%
Provincial Average Weekly Earnings <small>May 2018</small>	\$952.34	\$1,129.41	<b>\$1,129.41</b>	\$993.70	\$1,012.03	\$1,012.03	\$939.00	\$993.83

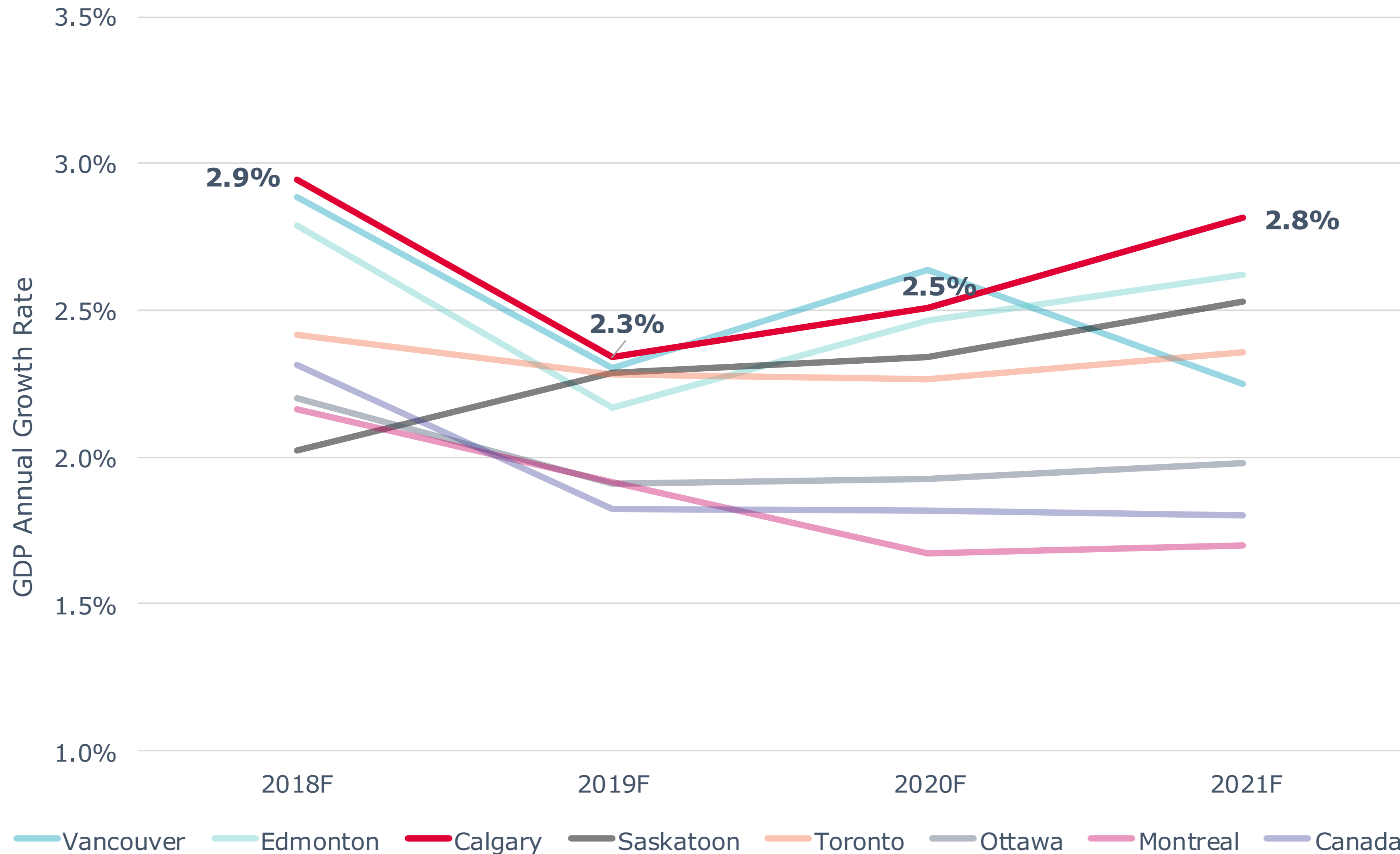
Source: Conference Board of Canada, Statistics Canada

# Annual Real GDP Growth Rates Across Canada

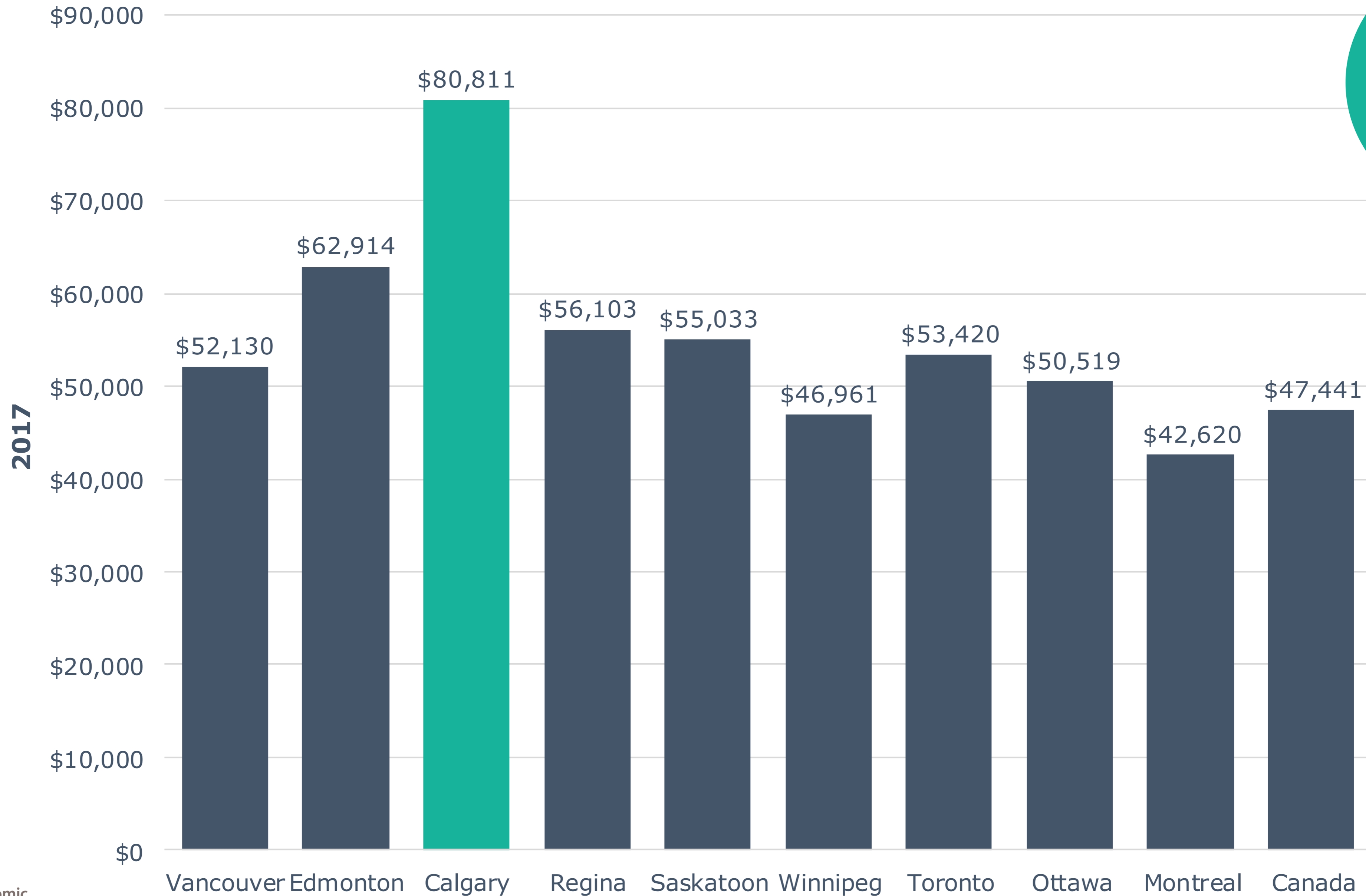




# Annual Forecasted Real GDP Growth Rates Across Canada



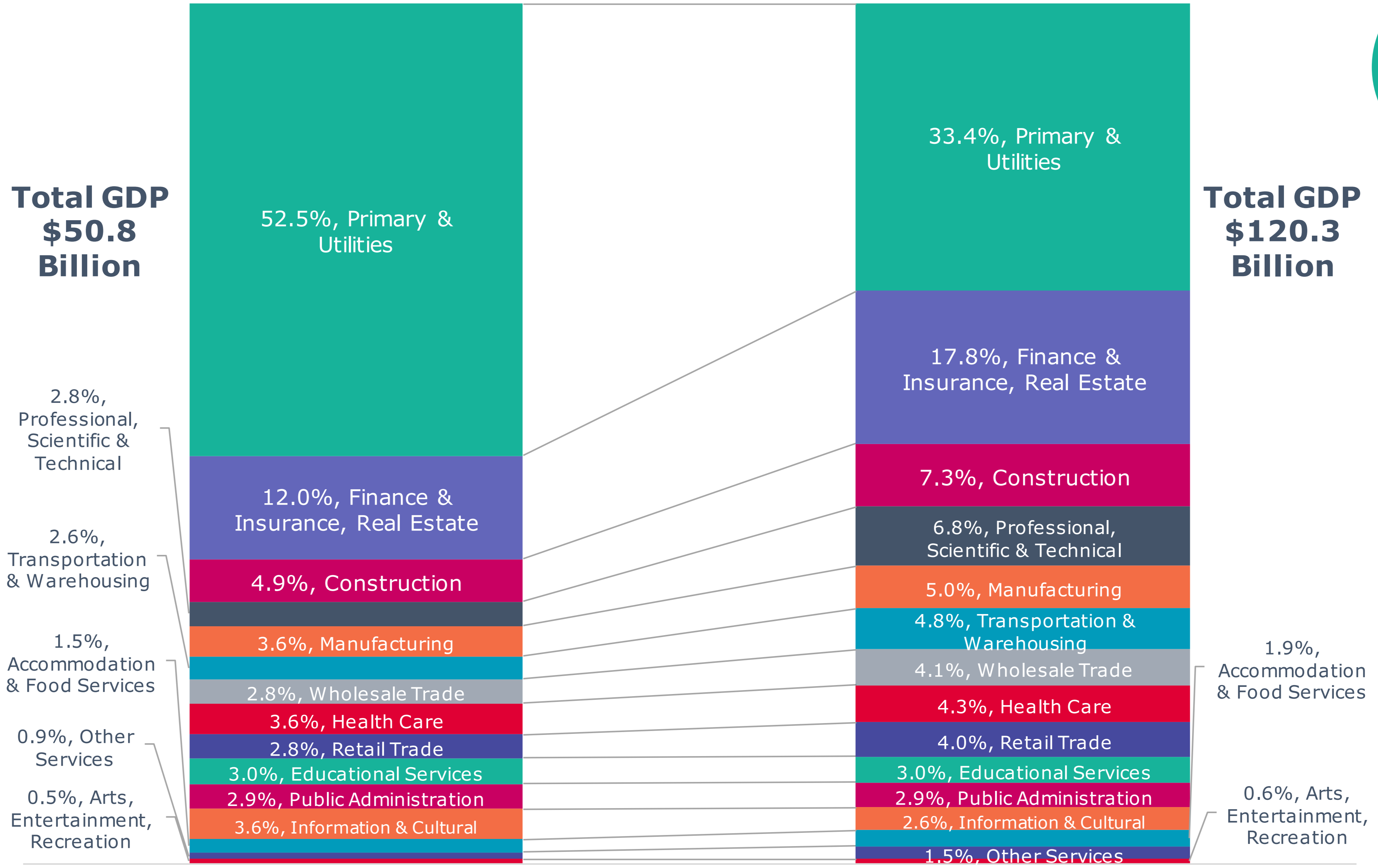
# Annual GDP per Capita Across Canada



A leader in economic power, with the highest annual GDP per capita of major cities in Canada

# Calgary Historical GDP by Industry

Calgary's economy is diversifying



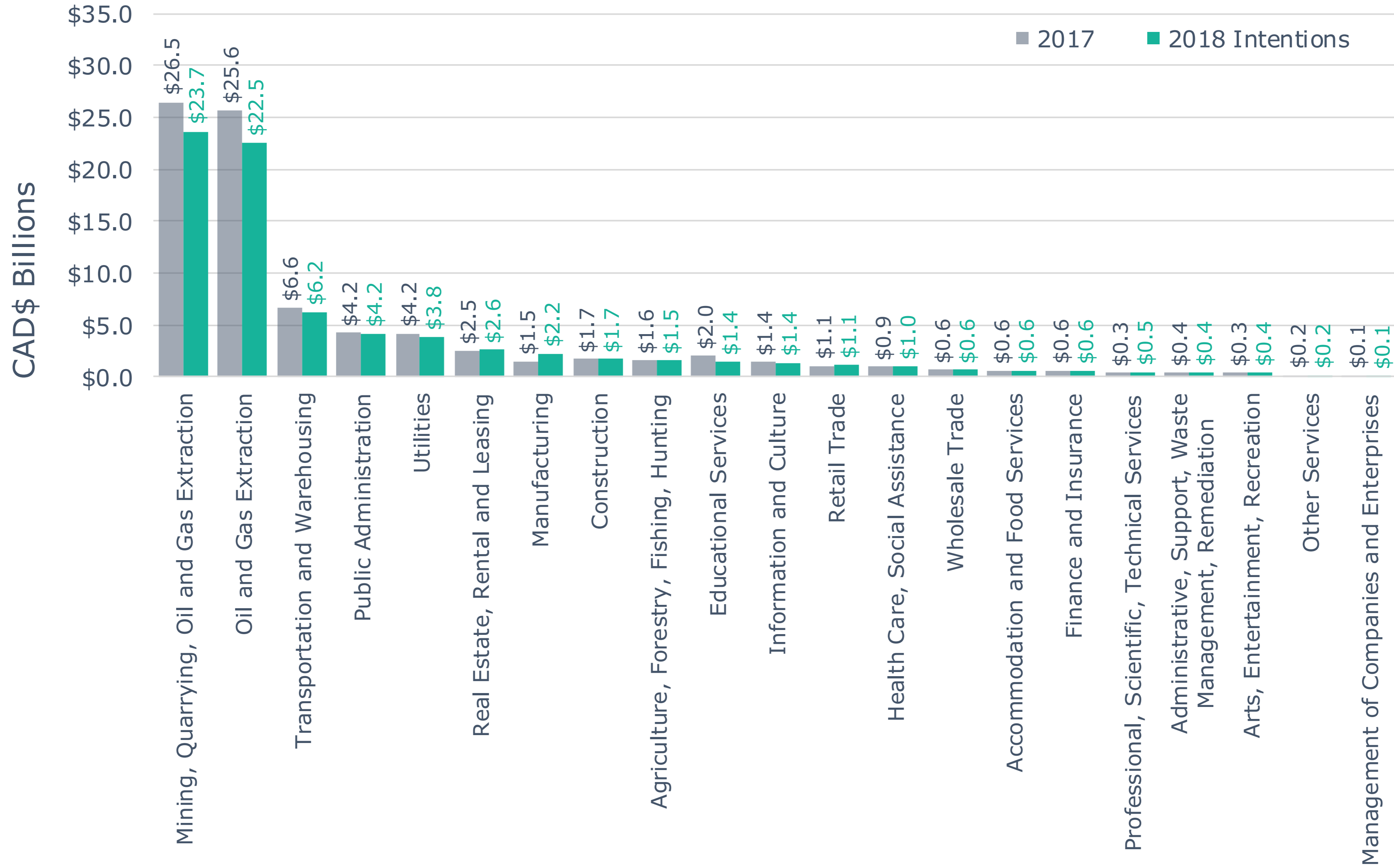
# Calgary Forecast GDP by Industry



	2018 (2007 \$ Millions)	2021 (2007 \$ Millions)	Total change 2018-2021 (%)
<u>Goods-Producing Industries</u>	56,808	61,513	7.7%
Manufacturing	6,243	6,703	6.9%
Construction	8,977	9,894	9.3%
Primary and Utilities	41,587	44,915	7.4%
<u>Services-Producing Industries</u>	67,050	72,079	7.0%
Wholesale Trade	5,140	5,513	6.8%
Retail Trade	4,864	5,203	6.5%
Transportation and Warehousing	5,909	6,357	7.0%
Information and Cultural industries	3,191	3,314	3.7%
Finance, Insurance and Real Estate and Leasing	21,906	23,874	8.2%
Professional, Scientific and Technical Services	8,552	9,102	6.0%
Educational Services	3,667	3,887	5.7%
Health Care and Social Assistance	5,301	5,720	7.3%
Arts, Entertainment and Recreation	697	746	6.5%
Accommodation and Food Services	2,347	2,528	7.1%
Other Services	1,915	2,124	9.8%
Public Administration	3,561	3,713	4.1%
<b>All Industries</b>	<b>123,858</b>	<b>133,592</b>	<b>7.3%</b>

Source: The Conference Board of Canada, June 2018

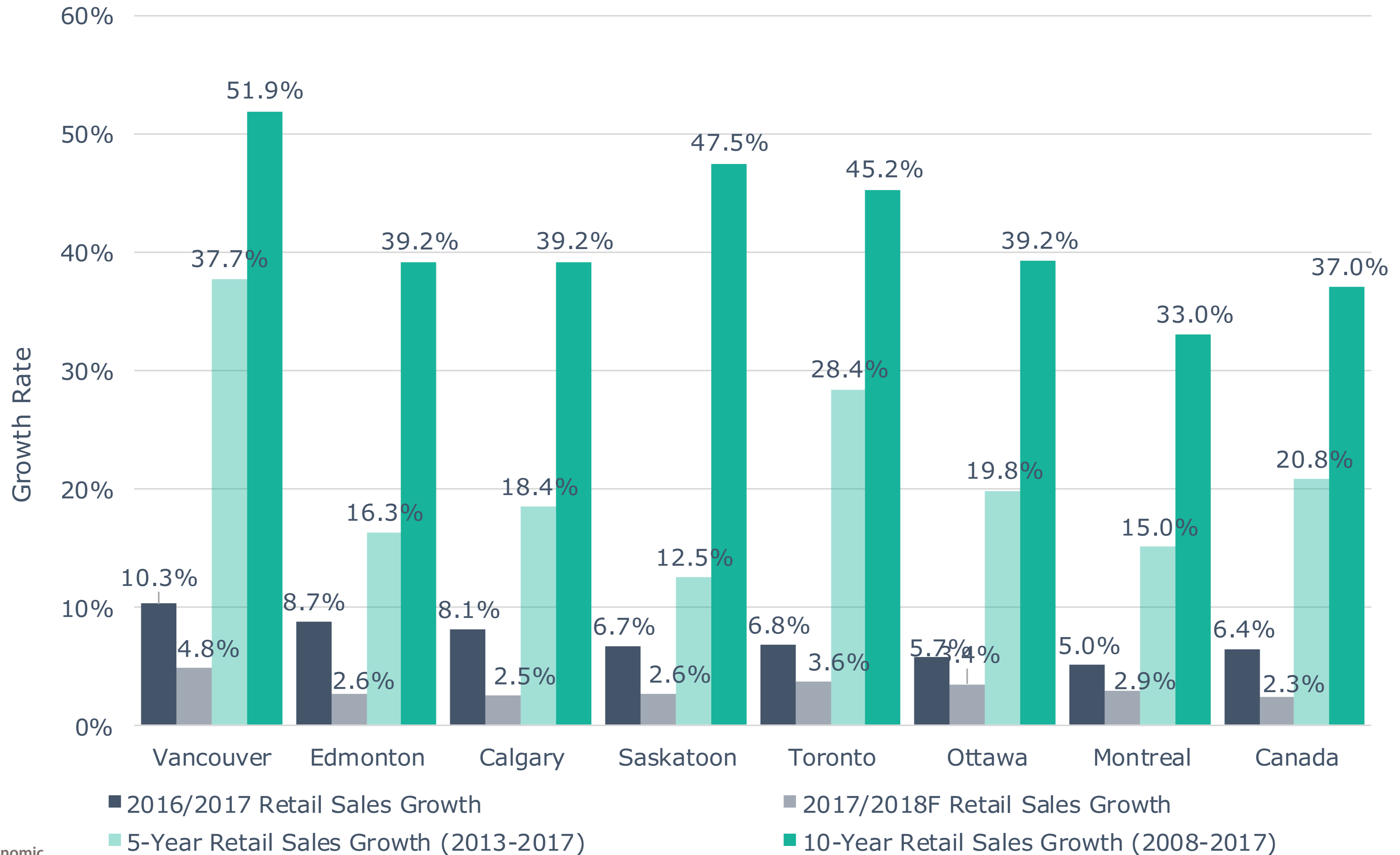
# Alberta Capital Spending by Industry



Source: Table 029-0045, Statistics Canada



# Retail Sales Growth Across Canada



# Inflation Growth Across Canada

