



**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 20 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%	6.6%	-3.4%	-3.4%	4.9%	2.5%
<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; \$US/bbl)	\$94.08	\$97.98	\$93.17	\$48.67	\$43.33	\$50.79	\$65.18
WCS (AER; \$US/bbl)	\$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; \$US/mmBTU)	\$2.75	\$3.73	\$4.39	\$2.63	\$2.51	\$2.99	\$3.17
AECO-C (Bloomberg + Birchcliff Energy Ltd.; \$CDN/GJ)	\$3.01	\$3.68	\$3.05	\$2.19	\$2.05	\$2.05	\$1.54
<b>Unemployment Rate</b> CMA (December)	4.9%	4.5%	4.5%	6.8%	10.3%	7.6%	7.3% January 2019
<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%	26.4% Q4 2018
<b>Building Permits</b> CMA (Billions)	\$5.25	\$7.14	\$7.33	\$7.17	\$5.42	\$5.43	\$5.34 YTD December 2018
<b>Benchmark Home Price</b> All Housing Types (December)	\$386,500	\$421,000	\$457,100	\$448,100	\$431,700	\$427,400	\$410,200 January 2019
<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

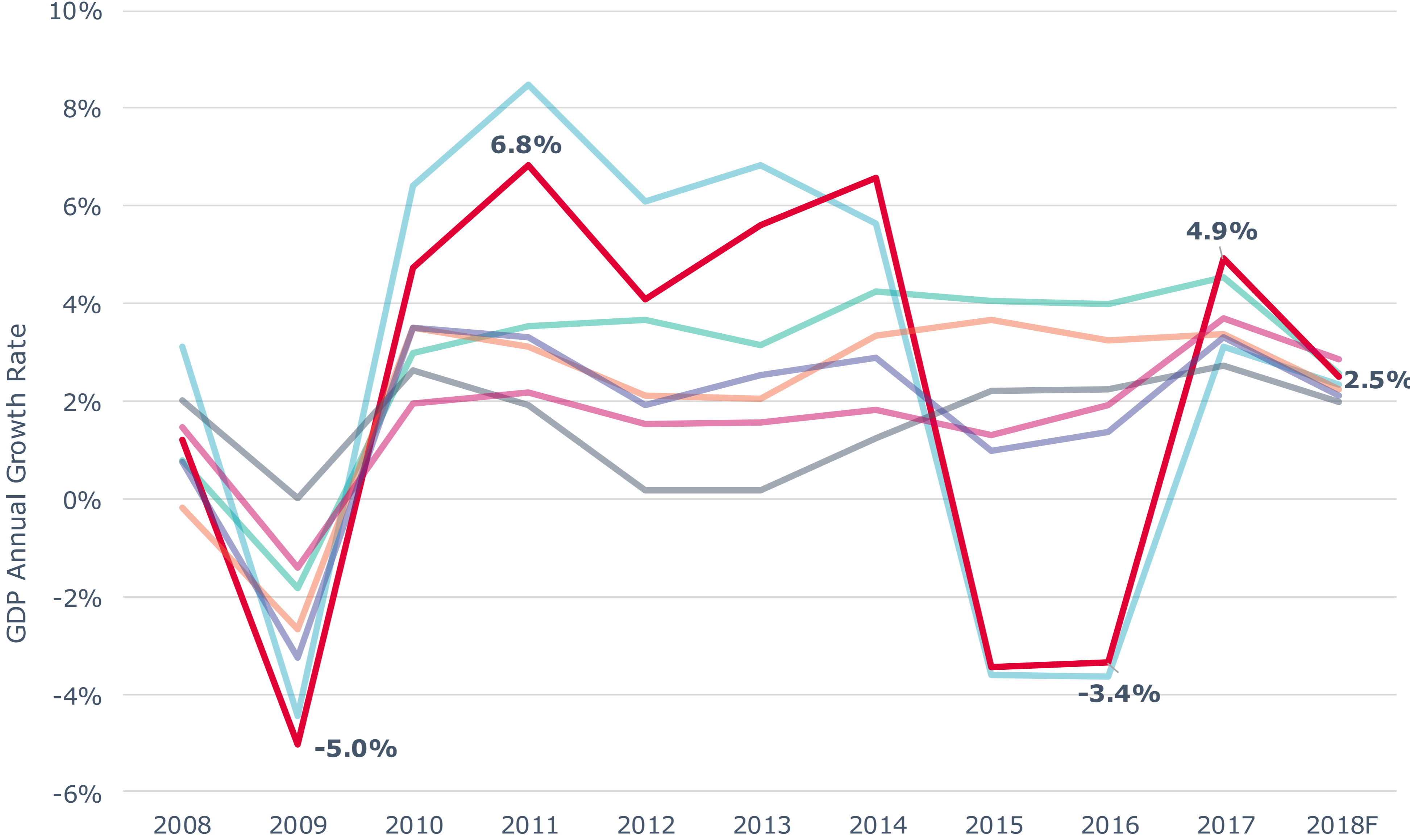
# Major Canadian Cities Comparison



	Vancouver	Edmonton	<b>Calgary</b>	Saskatoon	Toronto	Ottawa	Montreal	Canada
2017 Real GDP Growth	4.5%	3.1%	<b>4.9%</b>	3.7%	3.4%	2.7%	3.7%	3.3%
2018F Real GDP Growth	2.6%	2.3%	<b>2.5%</b>	2.0%	2.3%	2.0%	2.9%	2.1%
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>January 2019</small>	4.8%	6.4%	<b>7.3%</b>	5.8%	6.1%	5.2%	6.1%	5.8%
Participation Rate <small>January 2019</small>	68.3%	73.1%	<b>72.6%</b>	69.6%	65.8%	67.2%	67.3%	65.6%
Employment Growth <small>January 2019</small>	35,300 2.5%	30,700 4.0%	<b>6,900 0.8%</b>	9,500 5.6%	29,300 0.9%	7,900 1.1%	33,400 1.5%	327,200 1.8%
Full-Time Employment Growth <small>January 2019</small>	1.7%	3.8%	<b>0.3%</b>	6.2%	0.4%	1.7%	3.2%	1.1%
Part-Time Employment Growth <small>January 2019</small>	5.3%	5.1%	<b>3.7%</b>	1.9%	3.1%	-1.8%	-5.7%	4.7%
Provincial Average Weekly Earnings <small>November 2018</small>	\$985.00	\$1,155.47	<b>\$1,155.47</b>	\$1,036.86	\$1,036.11	\$1,036.11	\$936.27	\$1,012.52

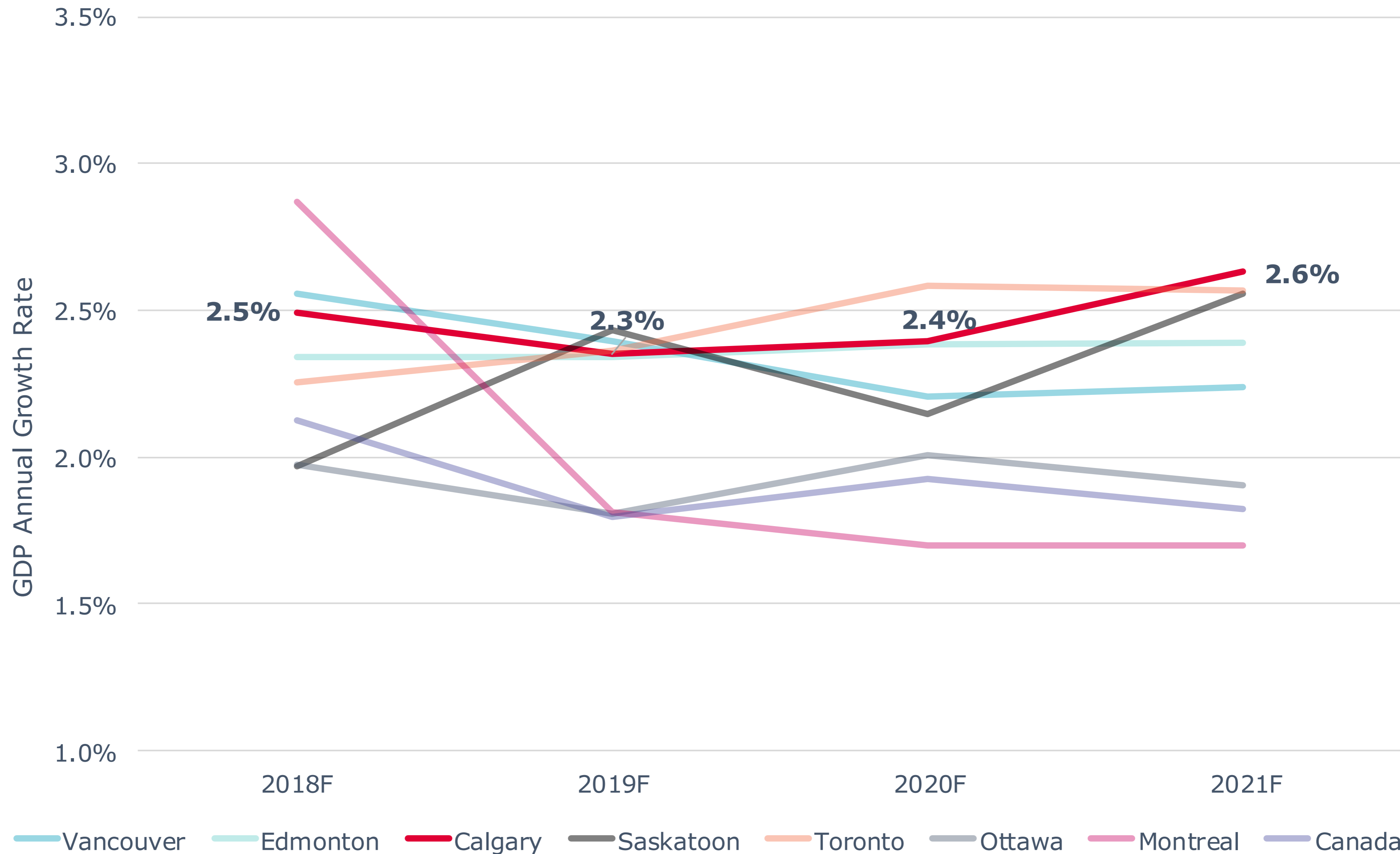
Source: Conference Board of Canada, Statistics Canada

# Annual Real GDP Growth Rates Across Canada

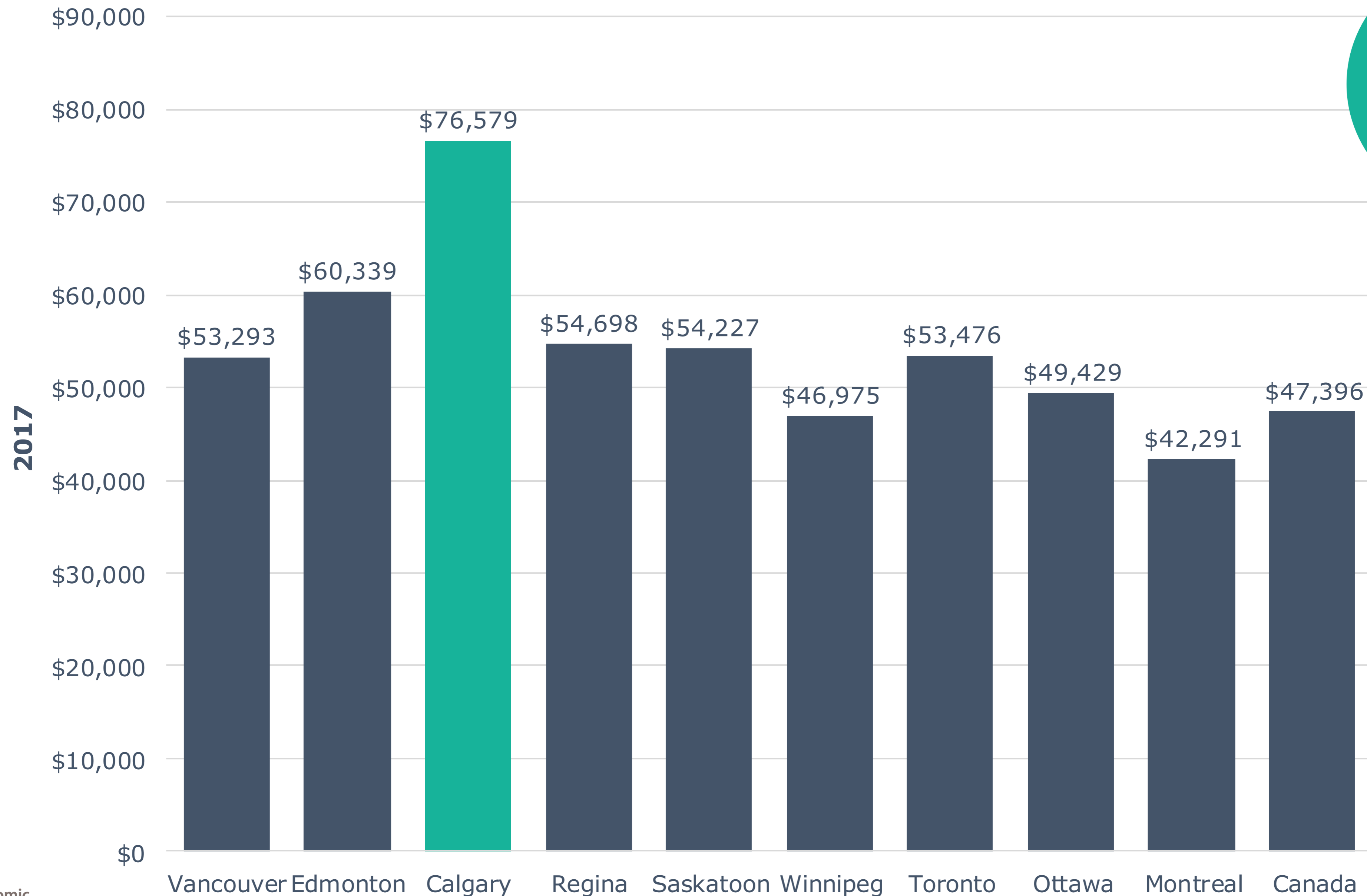




# Annual Forecasted Real GDP Growth Rates Across Canada

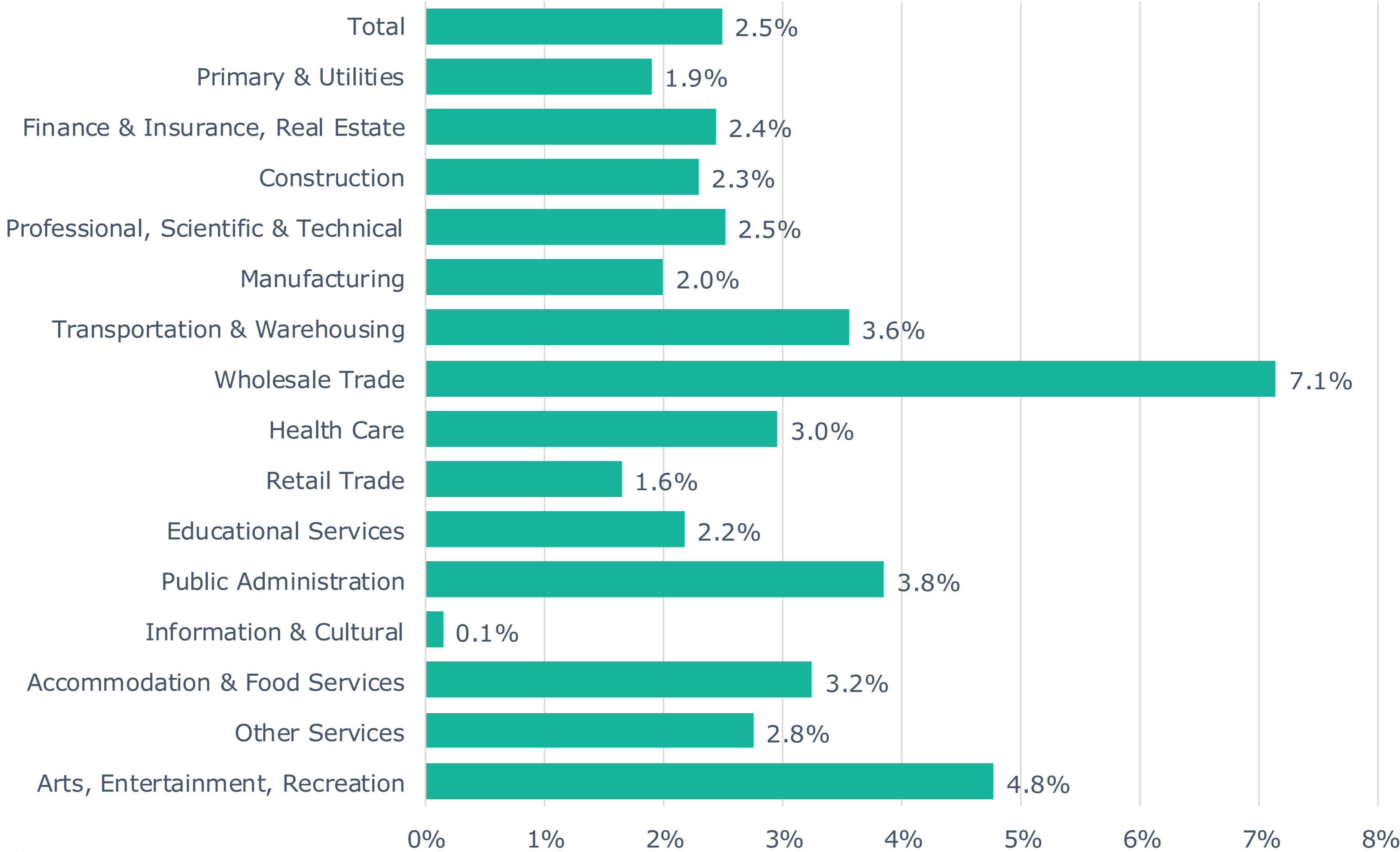


# Annual GDP per Capita Across Canada



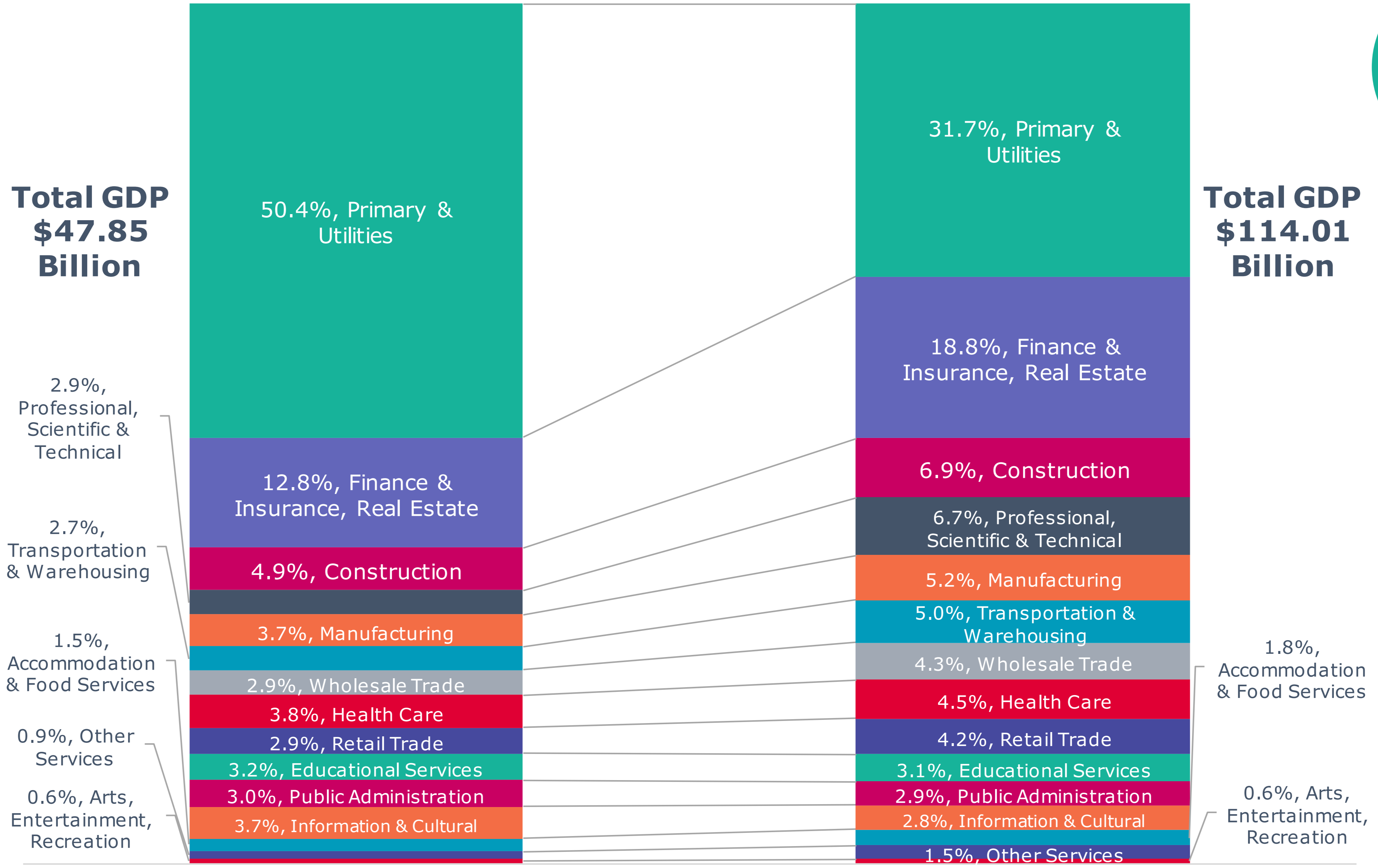
A leader in economic power, with the highest annual GDP per capita of major cities in Canada

# Calgary CMA 2017/2018F Year-Over-Year Real GDP Growth Rate by Industry



# Calgary Historical GDP by Industry

Calgary's economy is diversifying



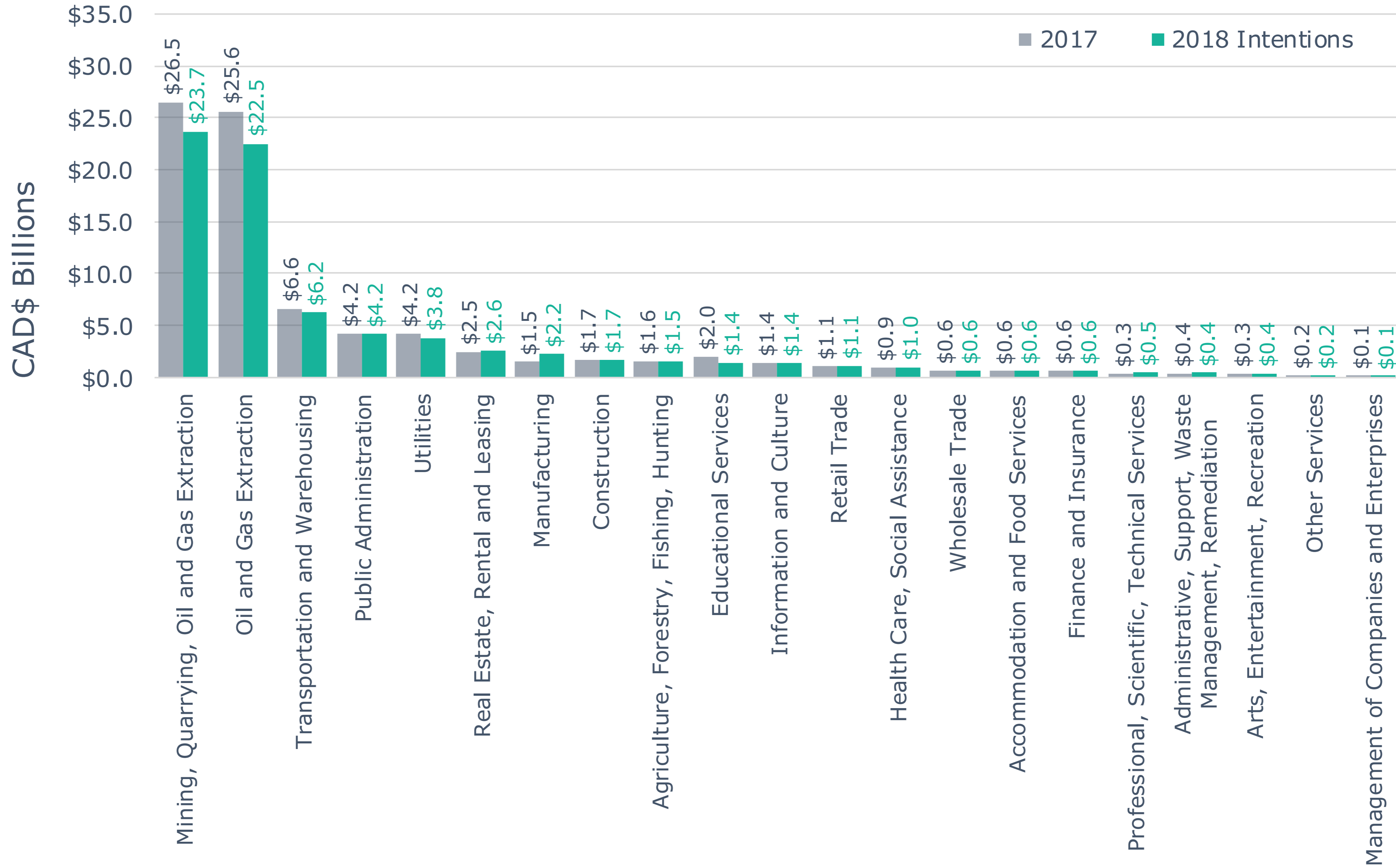
# Calgary Forecast GDP by Industry



	2018 (2007 \$ Millions)	2021 (2007 \$ Millions)	Total change 2018-2021 (%)
<u>Goods-Producing Industries</u>	50,971	55,101	7.5%
Manufacturing	6,078	6,533	7.0%
Construction	8,042	8,652	7.0%
Primary and Utilities	36,851	39,917	7.7%
<u>Services-Producing Industries</u>	65,880	70,582	6.7%
Wholesale Trade	5,230	5,561	6.0%
Retail Trade	4,838	5,174	6.5%
Transportation and Warehousing	5,902	6,269	5.9%
Information and Cultural industries	3,201	3,321	3.6%
Finance, Insurance and Real Estate and Leasing	21,929	23,878	8.2%
Professional, Scientific and Technical Services	7,796	8,217	5.1%
Educational Services	3,557	3,774	5.8%
Health Care and Social Assistance	5,285	5,707	7.4%
Arts, Entertainment and Recreation	736	785	6.1%
Accommodation and Food Services	2,159	2,319	6.9%
Other Services	1,815	2,006	9.5%
Public Administration	3,432	3,571	3.9%
<b>All Industries</b>	<b>116,851</b>	<b>125,684</b>	<b>7.0%</b>

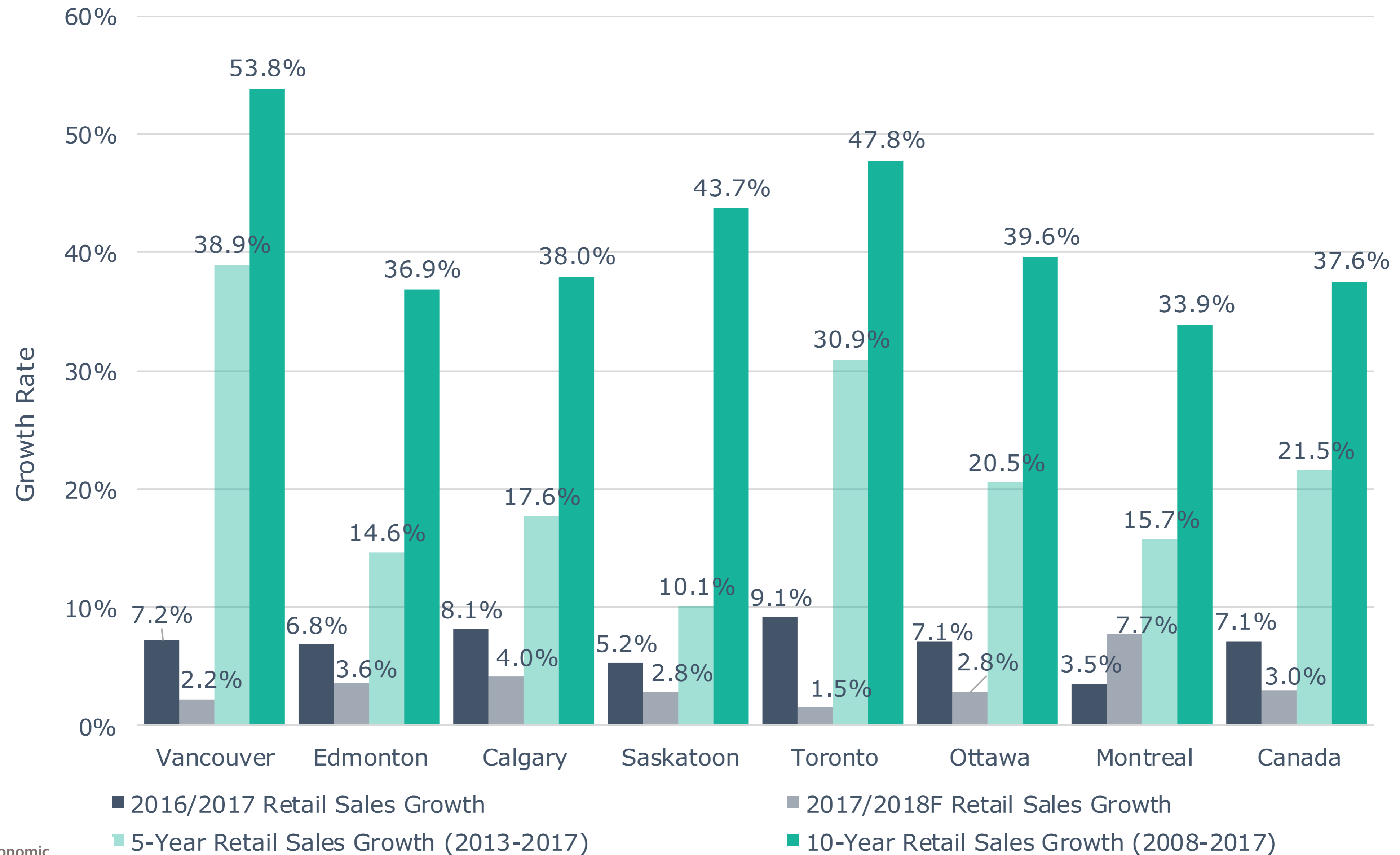
Source: The Conference Board of Canada, November 2018

# Alberta Capital Spending by Industry



Source: Table 029-0045, Statistics Canada

# Retail Sales Growth Across Canada



# Inflation Growth Across Canada

