



Labour Force Survey Statistics April 2020

HIGHLIGHTS FROM THE APRIL 2020 LABOUR FORCE SURVEY

Calgary Region

- Calgary lost 42,700 jobs in April (decreasing employment by -5.1%) – this is in addition to the 17,100 jobs lost through March.
- The unemployment rate increased to 10.8% in April, the highest among Canada’s largest cities. Calgary’s labour force shrank by 25,900 persons (-2.8%) this past month – Calgary’s participation rate saw the largest drop (-2.1%) among Canada’s largest metropolitan areas and is now approaching the average for these comparator cities (67.6%).
- The Calgary area’s population continued to grow by 2,200 persons in April 2020.
- Part-time employment fell another 17,300 positions (-11.8%) with significant losses in Accommodation & Food Services, Wholesale & Retail Trade, Information, Culture & Recreation, and Professional, Scientific & Technical Services sectors (a continuation from March 2020). This is on top of the loss of -16,600 positions part-time positions lost in March 2020.
- Full-time employment fell by 21,200 positions (-3.1%), catching up to the pace of job losses seen in part-time employment since the beginning of the COVID-19 pandemic.
- April saw 2.7 times as many women drop out of the labour force (-16,800 persons) compared to men (-6,300 persons). Similarly, 3.5 times as many women lost their jobs in April 2020 (-19,900 positions) compared to men (-5,700 positions).
- Women between the ages of 25 years and 44 years were more significantly impacted (labour force participation: -8,500 persons; employment: -9,300 positions) than women in other age groups (average labour force participation: -2,800 persons per age group; average employment: -3,600 positions per age group).
- For men, youth (ages of 15 years to 24 years) saw the largest job losses in April 2020 (-12,900 positions) relative to other age groups (average -3,900 positions per age group). Drops in labour force participation among men were relatively even across age groups (average -2,000 persons per age group).

Alberta

- Alberta’s labour force shrank by 150,000 persons (-6.19%) in April 2020 and the province lost 243,800 jobs (-11% in employment). The total two-month declines in labour force and employment since the start of the COVID-19 pandemic are -239,000 persons and -360,800 positions, respectively.
- The province’s unemployment rate increased to 13.4%, higher than the 10.4% average for Calgary and Edmonton. This is the second month in a row where job losses in Alberta have been more significant outside of the big cities.

Canada

- Almost 2 million jobs were lost (-11% decrease in employment) nationwide in April 2020.
- Unemployment in Canada's grew by 56.3% (an increase of 871,300 persons) while 1.1 million Canadians also stopped looking for work (labour force participation decreased by -5.7%).
- The resulting unemployment rate for Canada reached 13% (up 5.2% through April 2020).
- The average unemployment rate among Canada's 9 largest cities increased to 8.7%. This suggests that the labour force impacts of COVID-19 across Canada are more significant outside of large urban centres.

Calgary Region Trends with Employment

The below two tables show changes in employment by industry sector Month over Month and YoY. Of note for the Calgary region:

- Accommodation & Food Services (-9,300 positions) saw the most significant losses in April as hospitality businesses and restaurants started to adjust staffing to maintain potential viability.
- Health Care & Social Assistance (-5,400 positions) and Educational Services (-4,700 positions) saw steeper losses in April as hospitals, social support services, and schools settled into more consistent levels of operations in response to more clarity of community needs and operational protocols.
- Losses of Professional, Scientific & Technical Services positions (-3,800 positions) is still significant but less intensive than what was seen in March 2020 (-6,500 positions).
- Sectors that saw job gains through April 2020 include Business, Building & Other Support Services (1,300 positions), Utilities (100 positions), Public Administration (200 positions), Manufacturing (200 positions), and Construction (300 positions).

CALGARY CMA

Table 14-10-0294-02 (282-0135) Labour force survey estimates (LFS), by census metropolitan area based on 2011 census boundaries, 3-month moving average, seasonally adjusted, monthly (persons unless otherwise noted)							
	April 2019	March 2020	April 2020	# Change March 2020 - April 2020	% Change March 2020 - April 2020	# Change April 2019 - April 2020	% Change April 2019 - April 2020
Population (x 1,000)	1,264.0	1,292.8	1,295.0	2.2	0.2%	31.0	2.5%
Labour force (x 1,000)	937.7	914.1	888.2	-25.9	-2.8%	-49.5	-5.3%
Employment (x 1,000)	866.9	835.1	792.4	-42.7	-5.1%	-74.5	-8.6%
Unemployment (x 1,000)	70.8	79.0	95.7	16.7	21.1%	24.9	35.2%
Unemployment rate (rate)	7.6%	8.6%	10.8%	2.2%		3.2%	
Participation rate (rate)	74.2%	70.7%	68.6%	-2.1%		-5.6%	
Employment rate (rate)	68.6%	64.6%	61.2%	-3.4%		-7.4%	

CALGARY CMA

Table 14-10-0095-01 (282-0128) Labour force survey estimates (LFS), by census metropolitan area based on 2011 census boundaries, 3-month moving average, unadjusted for seasonality, monthly (persons unless otherwise noted)							
	April 2019	March 2020	April 2020	# Change March 2020 - April 2020	% Change March 2020 - April 2020	# Change April 2019 - April 2020	% Change April 2019 - April 2020
Population (x 1,000)	1,264.0	1,292.8	1,295.0	2.2	0.2%	31.0	2.5%
Labour force (x 1,000)	932.6	905.0	881.9	-23.1	-2.6%	-50.7	-5.4%
Employment (x 1,000)	865.0	824.1	785.6	-38.5	-4.7%	-79.4	-9.2%
Full-time employment (x 1,000)	701.2	677.0	655.8	-21.2	-3.1%	-45.4	-6.5%
Part-time employment (x 1,000)	163.8	147.1	129.8	-17.3	-11.8%	-34.0	-20.8%
Unemployment (x 1,000)	67.6	80.9	96.3	15.4	19.0%	28.7	42.5%
Not in labour force (x 1,000)	331.4	387.8	413.1	25.3	6.5%	81.7	24.7%
Unemployment rate (rate)	7.2%	8.9%	10.9%	2.0%		3.7%	
Participation rate (rate)	73.8%	70.0%	68.1%	-1.9%		-5.7%	
Employment rate (rate)	68.4%	63.7%	60.7%	-3.0%		-7.7%	

CALGARY CMA

Table: 14-10-0097-01 (282-0130) Labour force survey estimates (LFS), employment by census metropolitan area based on 2011 census boundaries and North American Industry Classification System (NAICS), 3-month moving average, unadjusted for seasonality, monthly (persons x 1,000)

	April 2019	March 2020	April 2020	# Change March 2020 - April 2020	% Change March 2020 April 2020	# Change April 2019 - April 2020	% Change April 2019 - April 2020
Total Employed - All Industries	865.0	824.1	785.6	-38.5	-4.7%	-79.4	-9.2%
Goods-Producing Sector	188.8	167.6	165.1	-2.5	-1.5%	-23.7	-12.6%
Agriculture	3.3	2.6	2.2	-0.4	-15.4%	-1.1	-33.3%
Forestry, Fishing, Mining, Quarrying, Oil and Gas	57.8	51.2	48.4	-2.8	-5.5%	-9.4	-16.3%
Utilities	8.0	9.0	9.1	0.1	1.1%	1.1	13.8%
Construction	68.4	67.6	67.9	0.3	0.4%	-0.5	-0.7%
Manufacturing	51.3	37.2	37.4	0.2	0.5%	-13.9	-27.1%
Services-Producing Sector	676.2	656.5	620.5	-36.0	-5.5%	-55.7	-8.2%
Wholesale & Retail Trade	120.3	108.8	103.5	-5.3	-4.9%	-16.8	-14.0%
Transportation and Warehousing	53.5	54.5	49.8	-4.7	-8.6%	-3.7	-6.9%
Finance, Insurance, Real Estate and Leasing	47.4	40.6	40.4	-0.2	-0.5%	-7.0	-14.8%
Professional, Scientific and Technical Services	95.8	93.8	90.0	-3.8	-4.1%	-5.8	-6.1%
Business, Building and Other Support Services	37.1	27.7	29.0	1.3	4.7%	-8.1	-21.8%
Educational Services	48.9	66.6	62.6	-4.0	-6.0%	13.7	28.0%
Health Care and Social Assistance	100.7	117.8	112.4	-5.4	-4.6%	11.7	11.6%
Information, Culture and Recreation	34.7	30.6	29.1	-1.5	-4.9%	-5.6	-16.1%
Accommodation and Food Services	59.0	53.2	43.9	-9.3	-17.5%	-15.1	-25.6%
Other Services	44.2	34.9	31.7	-3.2	-9.2%	-12.5	-28.3%
Public Administration	34.6	27.8	28.0	0.2	0.7%	-6.6	-19.1%

Province of Alberta

Table: 14-10-0287-01 (282-0087) Labour force survey estimates (LFS), by sex and age group, seasonally adjusted, monthly (persons unless otherwise noted)

	April 2019	March 2020	April 2020	# Change March 2020 - April 2020	% Change March 2020 - April 2020	# Change April 2019 - April 2020	% Change April 2019 - April 2020
Population (x 1,000)	3,510.9	3,566.7	3,569.5	2.8	0.1%	58.6	1.7%
Labour force (x 1,000)	2,518.3	2,423.3	2,273.3	-150.0	-6.19%	-245.0	-9.7%
Employment (x 1,000)	2,349.8	2,212.8	1,969.0	-243.8	-11.0%	-380.8	-16.2%
Employment full-time (x 1,000)	1,933.1	1,854.8	1,672.3	-182.5	-9.8%	-260.8	-13.5%
Employment part-time (x 1,000)	416.7	358.0	296.7	-61.3	-17.1%	-120.0	-28.8%
Unemployment (x 1,000)	168.5	210.5	304.3	93.8	44.6%	135.8	80.6%
Unemployment rate (rate)	6.7%	8.7%	13.4%	4.7%		6.7%	
Participation rate (rate)	71.7%	67.9%	63.7%	-4.2%		-8.0%	
Employment rate (rate)	66.9%	62.0%	55.2%	-6.8%		-11.7%	

Province of Alberta

Table: 14-10-0355-01 (282-0088) Labour force survey estimates (LFS), employment by North American Industry Classification System (NAICS), seasonally adjusted, monthly (persons x 1,000)

	April 2019	March 2020	April 2020	# Change March 2020 - April 2020	% Change March 2020 - April 2020	# Change April 2019 - April 2020	% Change April 2019 - April 2020
Total Employed - All Industries	2,349.8	2,212.8	1,969.0	-243.8	-11.0%	-380.8	-16.2%
Goods-Producing Sector	598.1	583.7	513.9	-69.8	-12.0%	-84.2	-14.1%
Agriculture	48.6	48.8	44.3	-4.5	-9.2%	-4.3	-8.8%
Forestry, Fishing, Mining, Quarrying, Oil and Gas	153.5	144.7	133.0	-11.7	-8.1%	-20.5	-13.4%
Utilities	23.5	23.4	21.2	-2.2	-9.4%	-2.3	-9.8%
Construction	234.0	230.7	197.5	-33.2	-14.4%	-36.5	-15.6%
Manufacturing	138.4	136.2	117.9	-18.3	-13.4%	-20.5	-14.8%
Services-Producing Sector	1,751.7	1,629.2	1,455.1	-174.1	-10.7%	-296.6	-16.9%
Wholesale & Retail Trade	337.2	310.0	260.2	-49.8	-16.1%	-77.0	-22.8%
Transportation and Warehousing	137.3	126.3	109.2	-17.1	-13.5%	-28.1	-20.5%
Finance, Insurance, Real Estate and Leasing	104.6	104.0	102.9	-1.1	-1.1%	-1.7	-1.6%
Professional, Scientific and Technical Services	180.7	185.8	169.3	-16.5	-8.9%	-11.4	-6.3%
Business, Building and Other Support Services	91.2	74.3	69.3	-5.0	-6.7%	-21.9	-24.0%
Educational Services	151.7	157.5	147.7	-9.8	-6.2%	-4.0	-2.6%
Health Care and Social Assistance	287.4	286.2	271.0	-15.2	-5.3%	-16.4	-5.7%
Information, Culture and Recreation	73.1	61.1	63.1	2.0	3.3%	-10.0	-13.7%
Accommodation and Food Services	144.5	113.1	77.5	-35.6	-31.5%	-67.0	-46.4%
Other Services	123.9	103.9	80.2	-23.7	-22.8%	-43.7	-35.3%
Public Administration	120.0	107.0	104.9	-2.1	-2.0%	-15.1	-12.6%

CANADA

Table: 14-10-0287-01 (282-0087) Labour force survey estimates (LFS), by sex and age group, seasonally adjusted, monthly (persons unless otherwise noted)

	April 2019	March 2020	April 2020	# Change March 2020 - April 2020	% Change March 2020 - April 2020	# Change April 2019 - April 2020	% Change April 2019 - April 2020
Population (x 1,000)	30,625.8	31,074.0	31,094.7	20.7	0.1%	468.9	1.5%
Labour force (x 1,000)	20,187.8	19,725.7	18,603.2	-1,122.5	-5.69%	-1,584.6	-7.8%
Employment (x 1,000)	19,029.1	18,178.7	16,184.9	-1,993.8	-10.968%	-2,844.2	-14.9%
Employment full-time (x 1,000)	15,418.3	15,134.8	13,662.8	-1,472.0	-9.7%	-1,755.5	-11.4%
Employment part-time (x 1,000)	3,610.8	3,043.9	2,522.0	-521.9	-17.1%	-1,088.8	-30.2%
Unemployment (x 1,000)	1,158.7	1,547.0	2,418.3	871.3	56.3%	1,259.6	108.7%
Unemployment rate (rate)	5.7%	7.8%	13.0%	5.2%		7.3%	
Participation rate (rate)	65.9%	63.5%	59.8%	-3.7%		-6.1%	
Employment rate (rate)	62.1%	58.5%	52.1%	-6.4%		-10.0%	

CANADA

Table: 14-10-0355-01 (282-0088) Labour force survey estimates (LFS), employment by North American Industry Classification System (NAICS), seasonally adjusted, monthly (persons x 1,000)

	April 2019	March 2020	April 2020	# Change March 2020 - April 2020	% Change March 2020 - April 2020	# Change April 2019 - April 2020	% Change April 2019 - April 2020
Total Employed - All Industries	19,029.1	18,178.7	16,184.9	-1,993.8	-11.0%	-2,844.2	-14.9%
Goods-Producing Sector	3,988.0	3,932.6	3,312.1	-620.5	-15.8%	-675.9	-16.9%
Agriculture	287.1	290.7	279.5	-11.2	-3.9%	-7.6	-2.6%
Forestry, Fishing, Mining, Quarrying, Oil and Gas	344.1	316.2	287.6	-28.6	-9.0%	-56.5	-16.4%
Utilities	143.5	133.5	133.5	0.0	0.0%	-10.0	-7.0%
Construction	1,465.1	1,487.5	1,173.9	-313.6	-21.1%	-291.2	-19.9%
Manufacturing	1,748.2	1,704.7	1,437.6	-267.1	-15.7%	-310.6	-17.8%
Services-Producing Sector	15,041.1	14,246.1	12,872.8	-1,373.3	-9.6%	-2,168.3	-14.4%
Trade	2,861.3	2,673.8	2,299.1	-374.7	-14.0%	-562.2	-19.6%
Transportation and Warehousing	1,032.7	992.7	889.9	-102.8	-10.4%	-142.8	-13.8%
Finance, Insurance, Real Estate and Leasing	1,196.2	1,221.1	1,198.0	-23.1	-1.9%	1.8	0.2%
Professional, Scientific and Technical Services	1,525.0	1,559.6	1,488.7	-70.9	-4.5%	-36.3	-2.4%
Business, Building and Other Support Services	799.3	742.3	668.0	-74.3	-10.0%	-131.3	-16.4%
Educational Services	1,348.8	1,260.2	1,225.8	-34.4	-2.7%	-123.0	-9.1%
Health Care and Social Assistance	2,446.6	2,416.9	2,287.8	-129.1	-5.3%	-158.8	-6.5%
Information, Culture and Recreation	776.9	675.0	593.0	-82.0	-12.1%	-183.9	-23.7%
Accommodation and Food Services	1,208.2	935.0	614.4	-320.6	-34.3%	-593.8	-49.1%
Other Services	833.5	765.3	622.3	-143.0	-18.7%	-211.2	-25.3%
Public Administration	1,012.5	1,004.3	985.8	-18.5	-1.8%	-26.7	-2.6%

Unemployment Rates for Key Markets

	April 2019	March 2020	April 2020
Calgary	7.6%	8.6%	10.8%
Alberta	6.7%	8.7%	13.4%
Canada	5.7%	7.8%	13.0%
Montreal	5.4%	6.4%	10.5%
Ottawa	5.5%	5.1%	6.9%
Toronto	6.6%	5.1%	6.9%
Edmonton	6.9%	7.9%	10.0%
Vancouver	4.4%	5.3%	7.5%
Winnipeg	5.2%	5.5%	7.7%
Regina	4.5%	7.2%	8.6%
Saskatoon	6.1%	7.1%	9.8%
Wood Buffalo			

Facts & Figures

Highest Unemployment Rate during 2008-2010 downturn: 7.5% in January 2010

Highest Unemployment Rate during 1992-1996 downturn: 10.8% in July 1993
Number of additional jobs we would need to lose to reach this level: 226
(or amount labour force would need to grow by with no additional new jobs)

Highest Unemployment Rate during 1982-1985 downturn: 13.2% in March 1983
Number of additional jobs we would need to lose to reach this level: 21,542
(or amount labour force would need to grow by with no additional new jobs)

The last time Calgary had negative employment growth:

Between November 2009 and May 2010 Calgary lost 12,900 jobs.
Between November 2008 and July 2009 Calgary lost 27,000 jobs.
From peak employment in November 2008 to the lowest level reached in May 2010 - 33,400 jobs were lost in Calgary.

Calgary lost a small number of jobs July-August 2012 (2,400), again in March 2013 (3,200), and again (3,300) in February to April 2014.

Calgary

Number of jobs gained/lost in 2014:	17,600
Number of jobs gained/lost in 2015:	(8,100)
Number of jobs gained/lost December 2014 to June 2016:	(13,300)
Number of jobs gained/lost in 2016:	14,400
Number of jobs gained/lost in 2017:	15,500
Number of jobs gained/lost in 2018:	10,100
Number of jobs gained/lost in 2019:	22,800
Number of jobs gained/lost in 2020 (to-date):	(16,100)

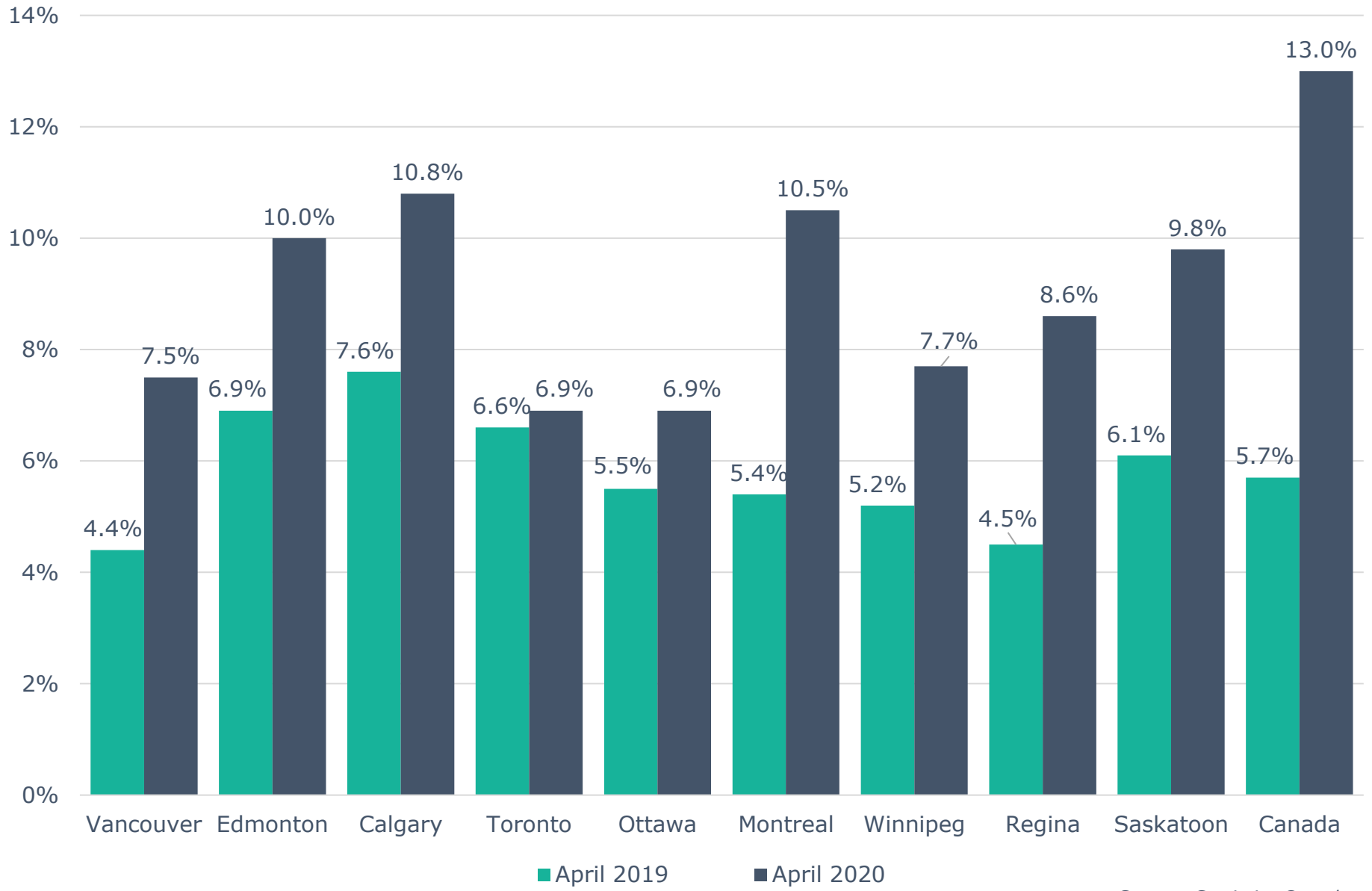
Alberta

Number of jobs gained/lost in 2014:	59,900
Number of jobs gained/lost in 2015:	(20,500)
Number of jobs gained/lost December 2014 to June 2016:	(46,100)
Number of jobs gained/lost in 2016:	(15,700)
Number of jobs gained/lost in 2017:	54,900
Number of jobs gained/lost in 2018:	21,300
Number of jobs gained/lost in 2019:	11,000
Number of jobs gained/lost in 2020 (to-date):	(18,900)

Source: Calgary - Table 14-10-0294-02 (282-0135); Alberta - 14-10-0287-01 (282-0087); Statistics Canada

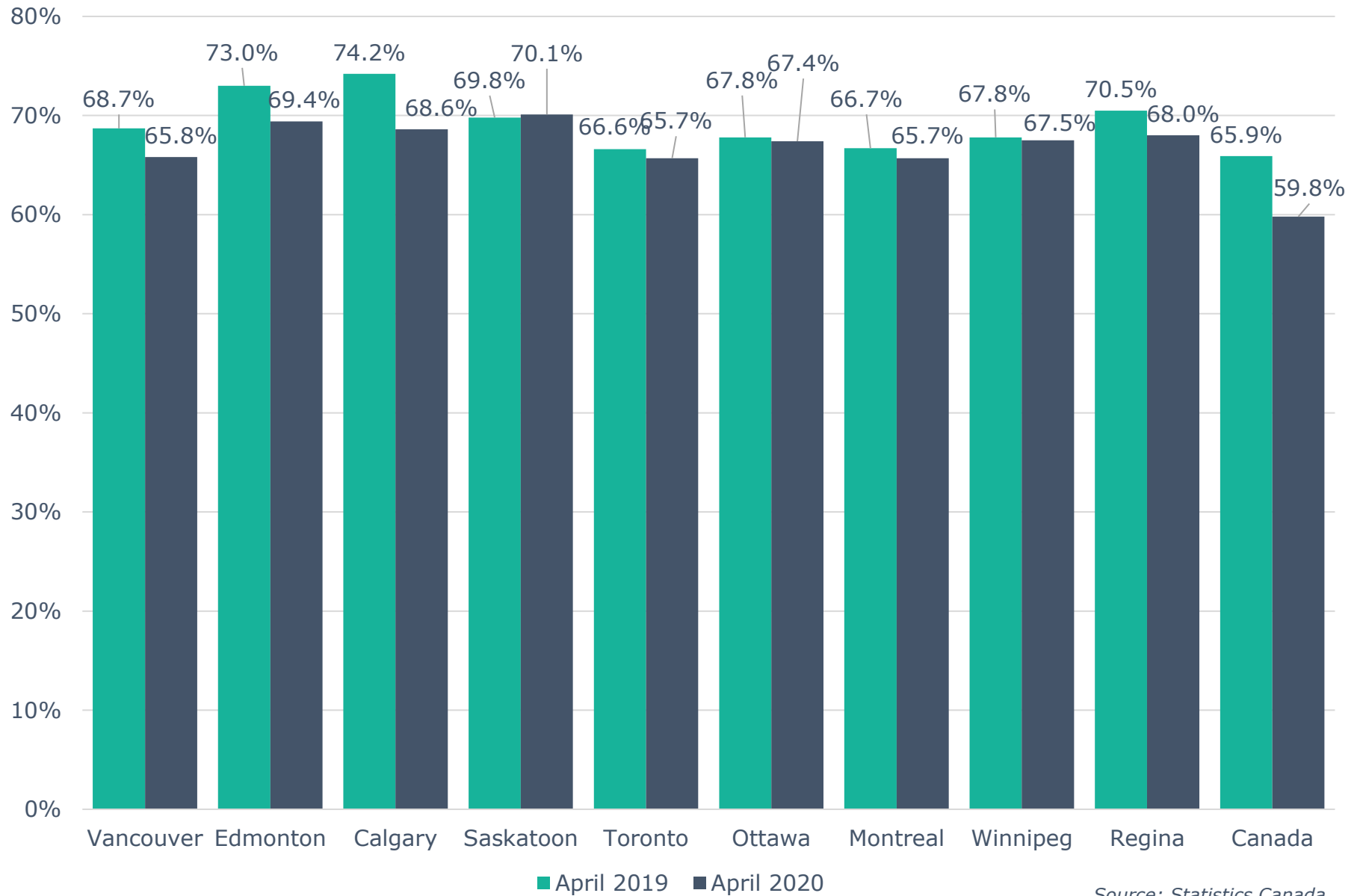
Note: Labour Force Survey, Employment, Seasonally Adjusted

Unemployment Rate Across Canada



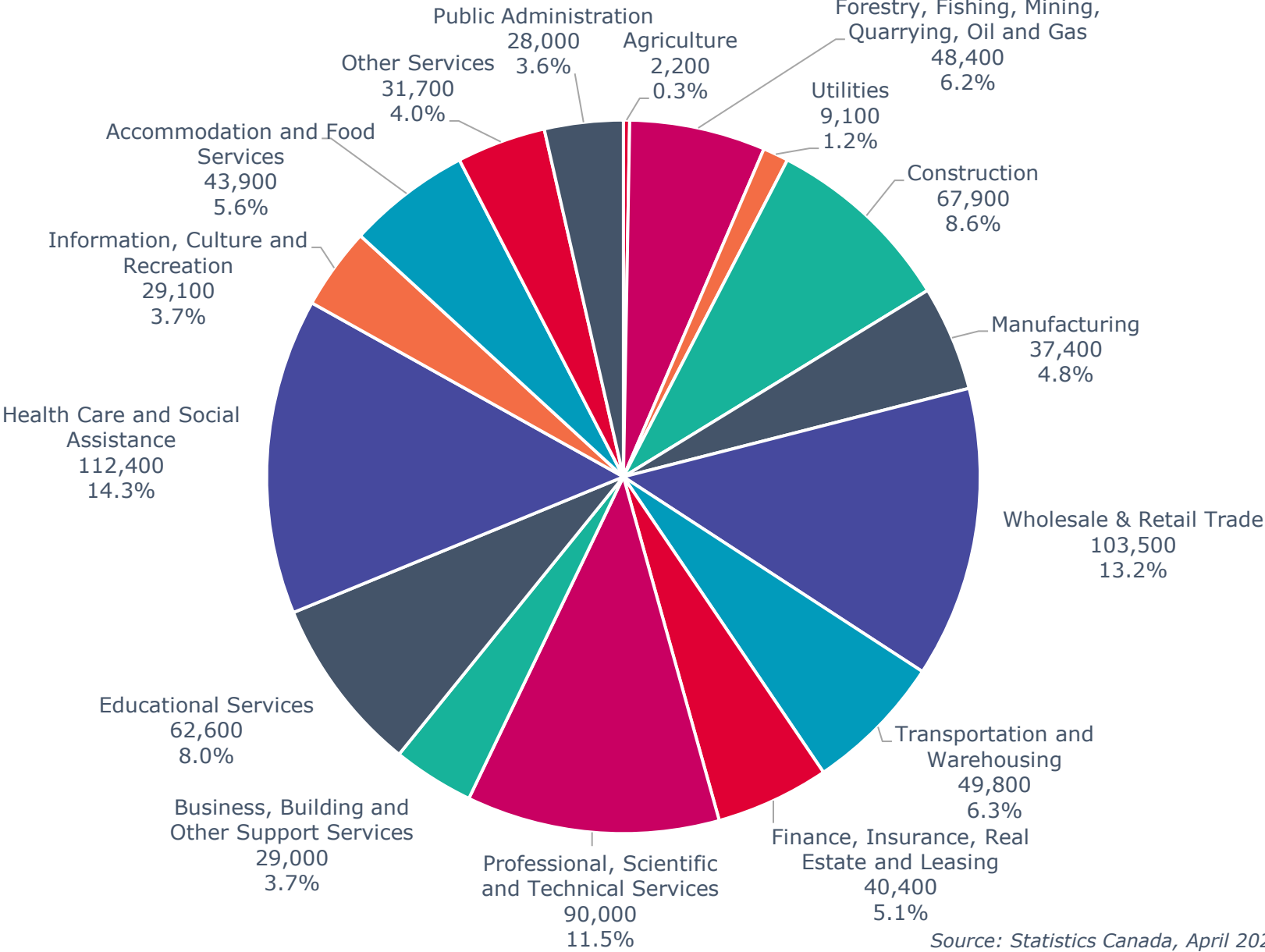
Source: Statistics Canada

Labour Force Participation Rate Across Canada



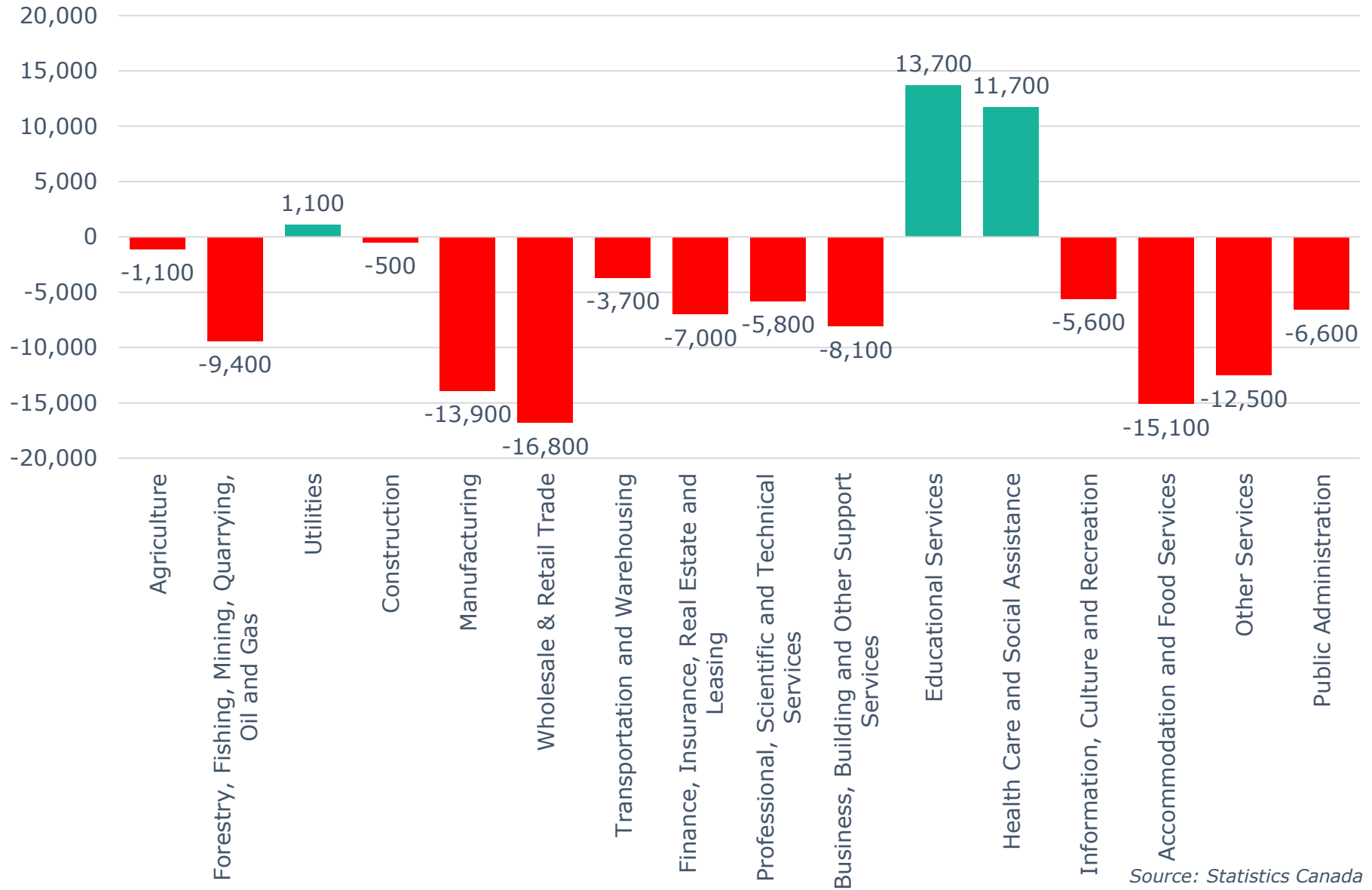
Source: Statistics Canada

Calgary CMA Employment by Industry (785,600)



Source: Statistics Canada, April 2020

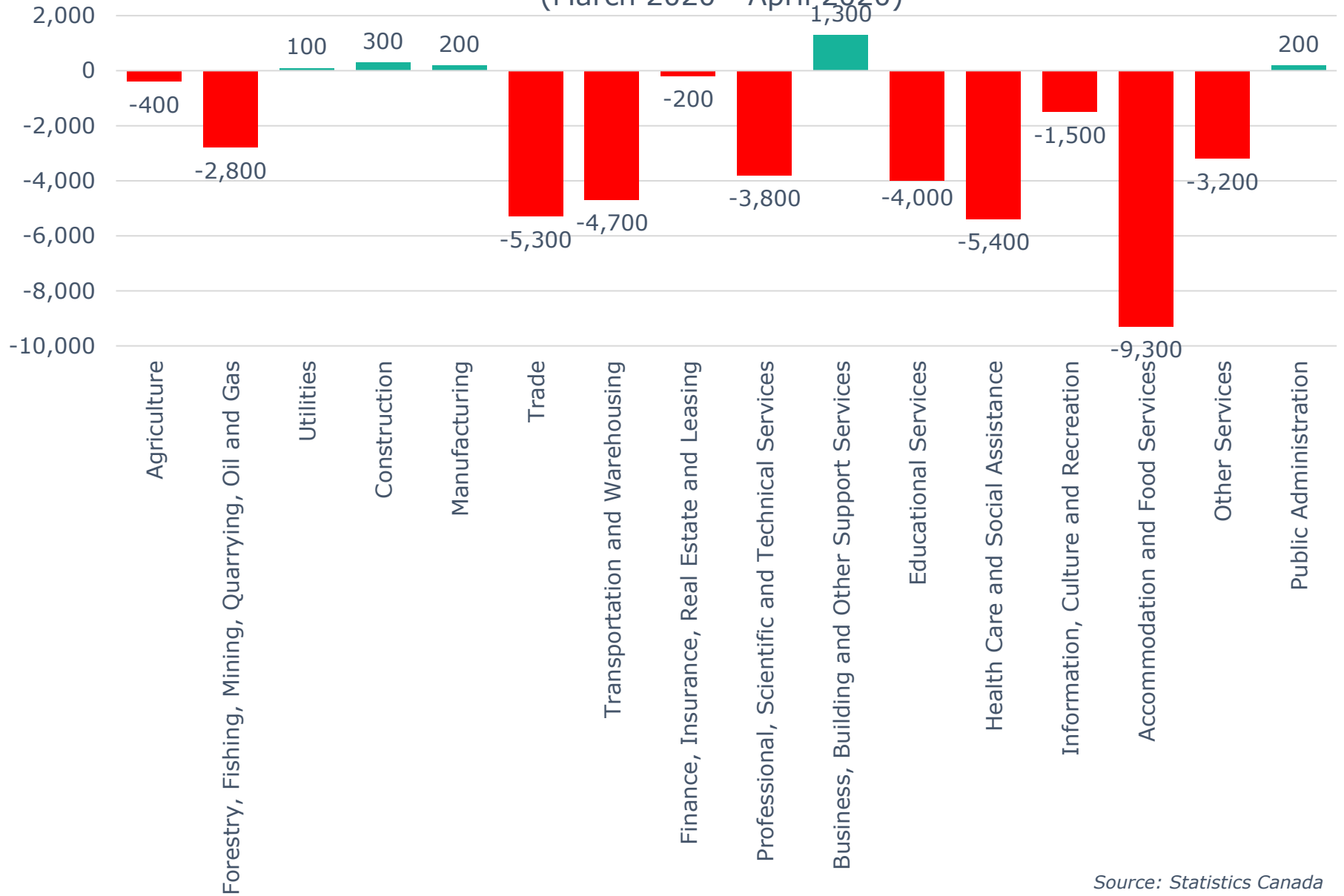
Calgary CMA 12-Month Net Jobs Gained or Lost by Industry (April 2020)



Source: Statistics Canada

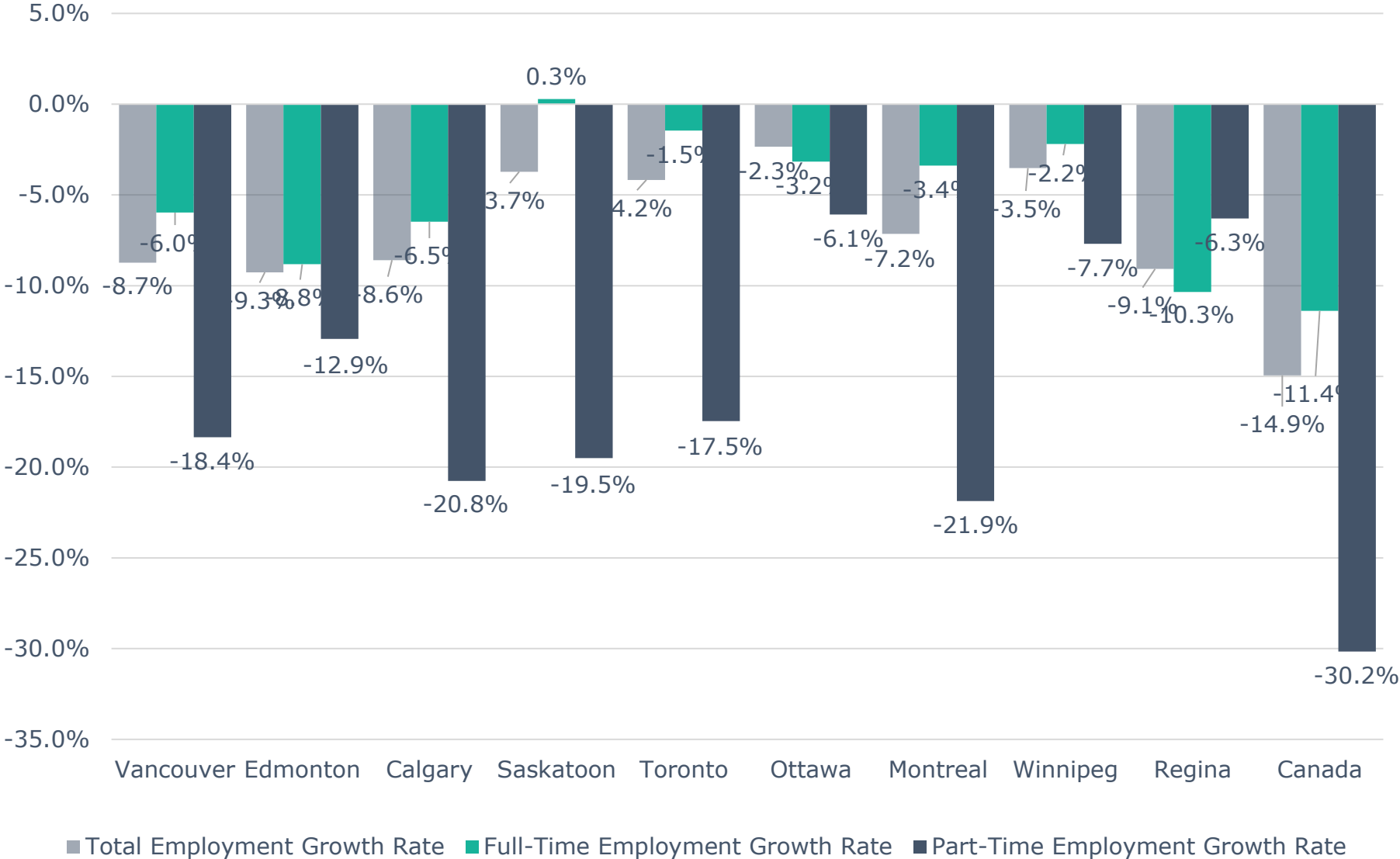
Calgary CMA Monthly Net Jobs Gained or Lost by Industry

(March 2020 - April 2020)



Source: Statistics Canada

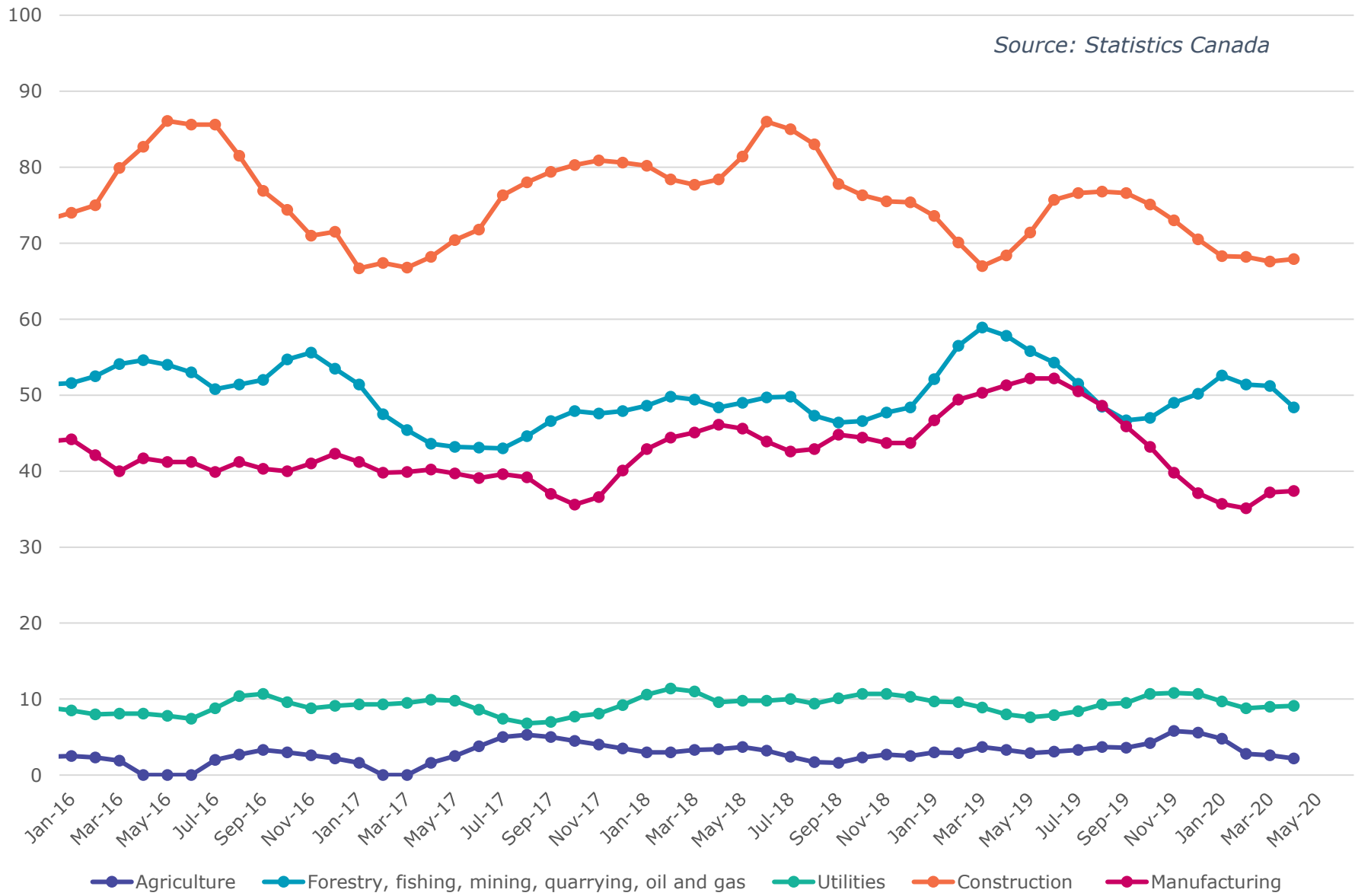
Annual Employment Growth



Source: Statistics Canada, April 2019 - April 2020

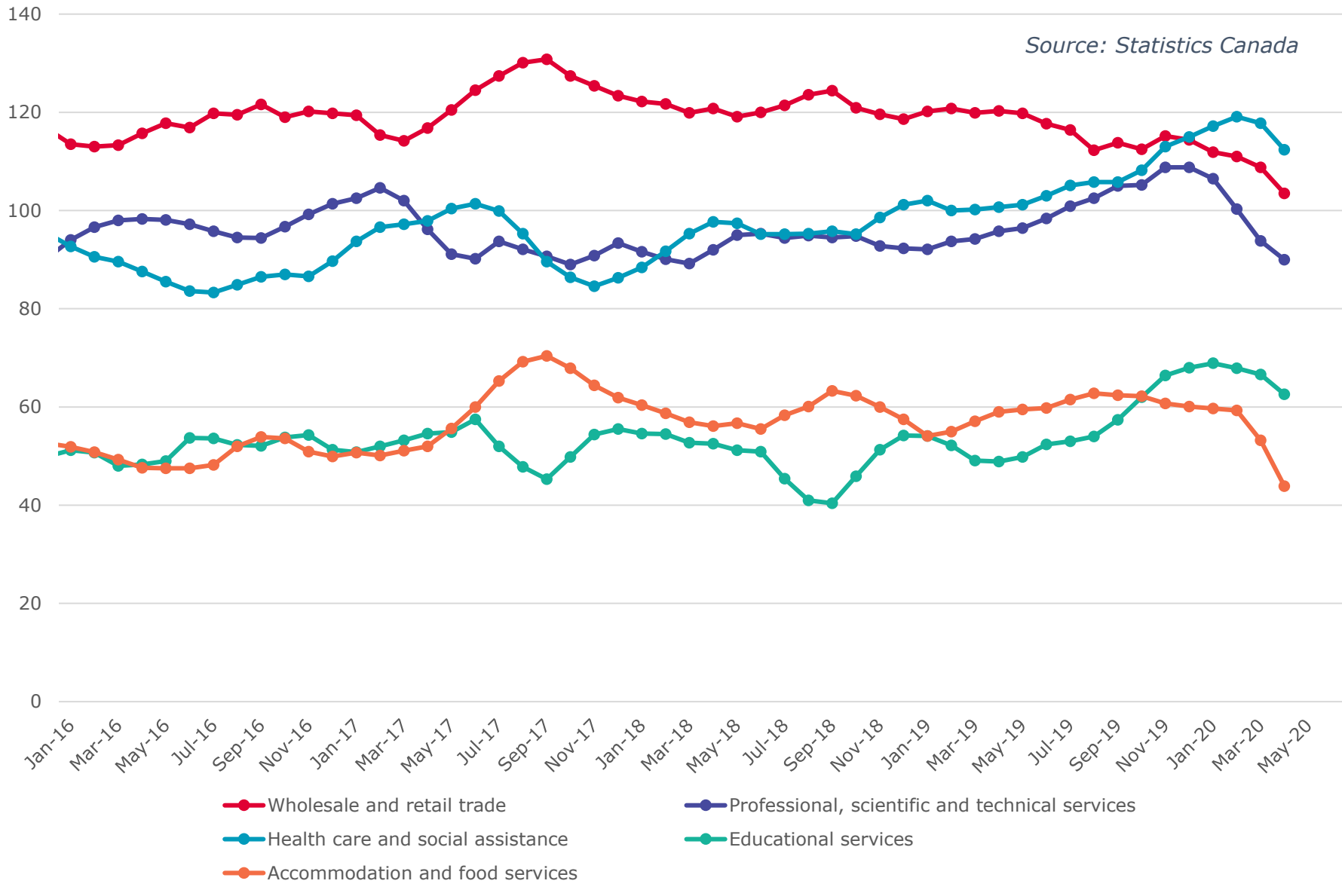
Calgary CMA Goods Producing Sectors - Number of Employees (In thousands)

Source: Statistics Canada



Calgary CMA Largest 5 Services Sector by Number of Employees (In thousands)

Source: Statistics Canada



Calgary CMA Smallest 6 Service Sectors by Number of Employees (In thousands)

