

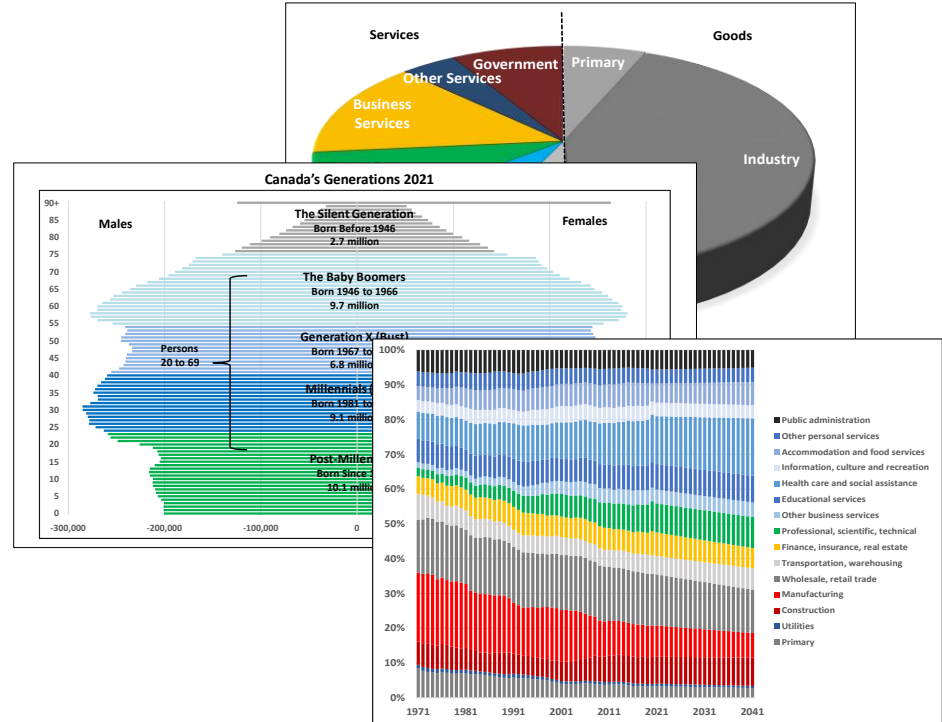
Canada's Rapidly Changing Economic Landscape



WEBINAR

February 18, 2021

Tom McCormack



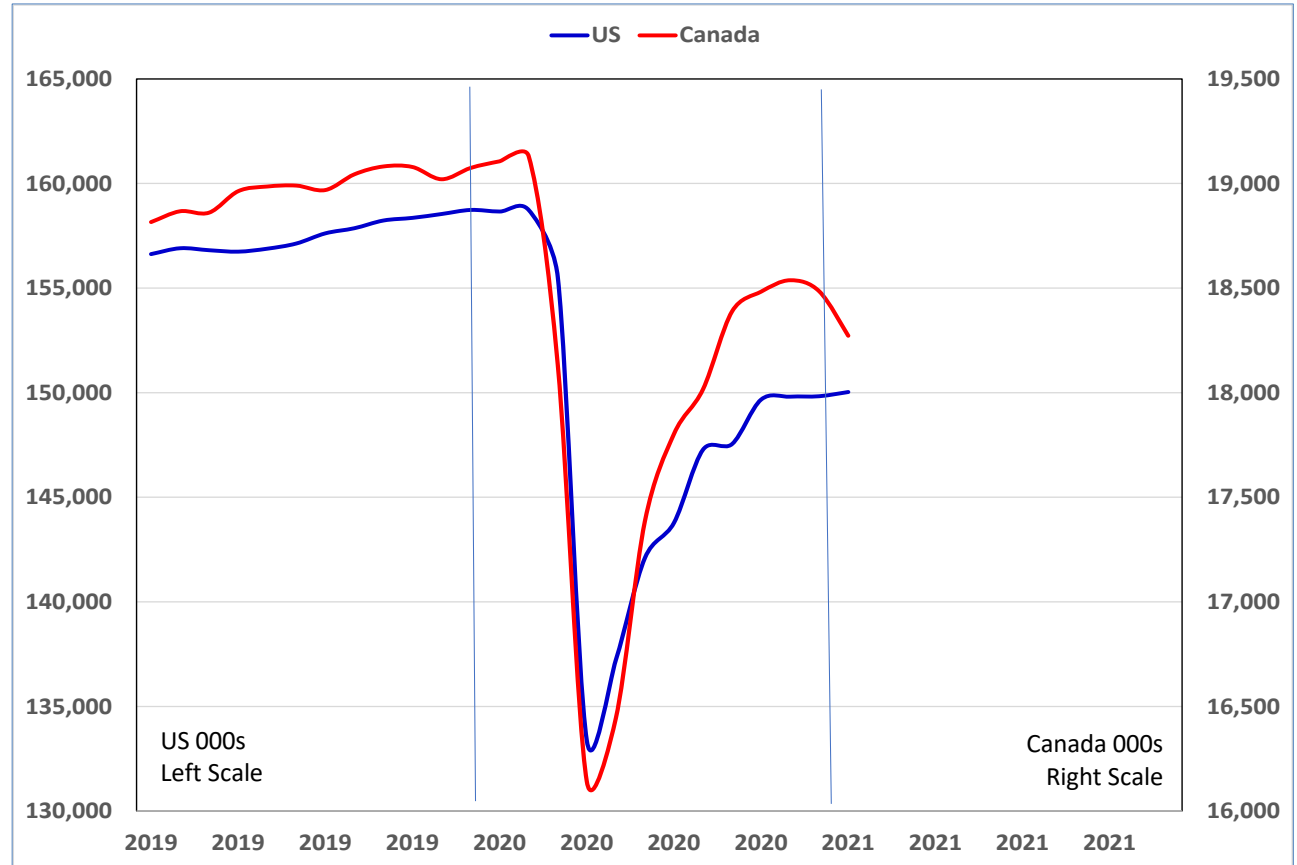
United States and Canada Employment Monthly SA 2019 to 2021

COVID-19 2019-2021

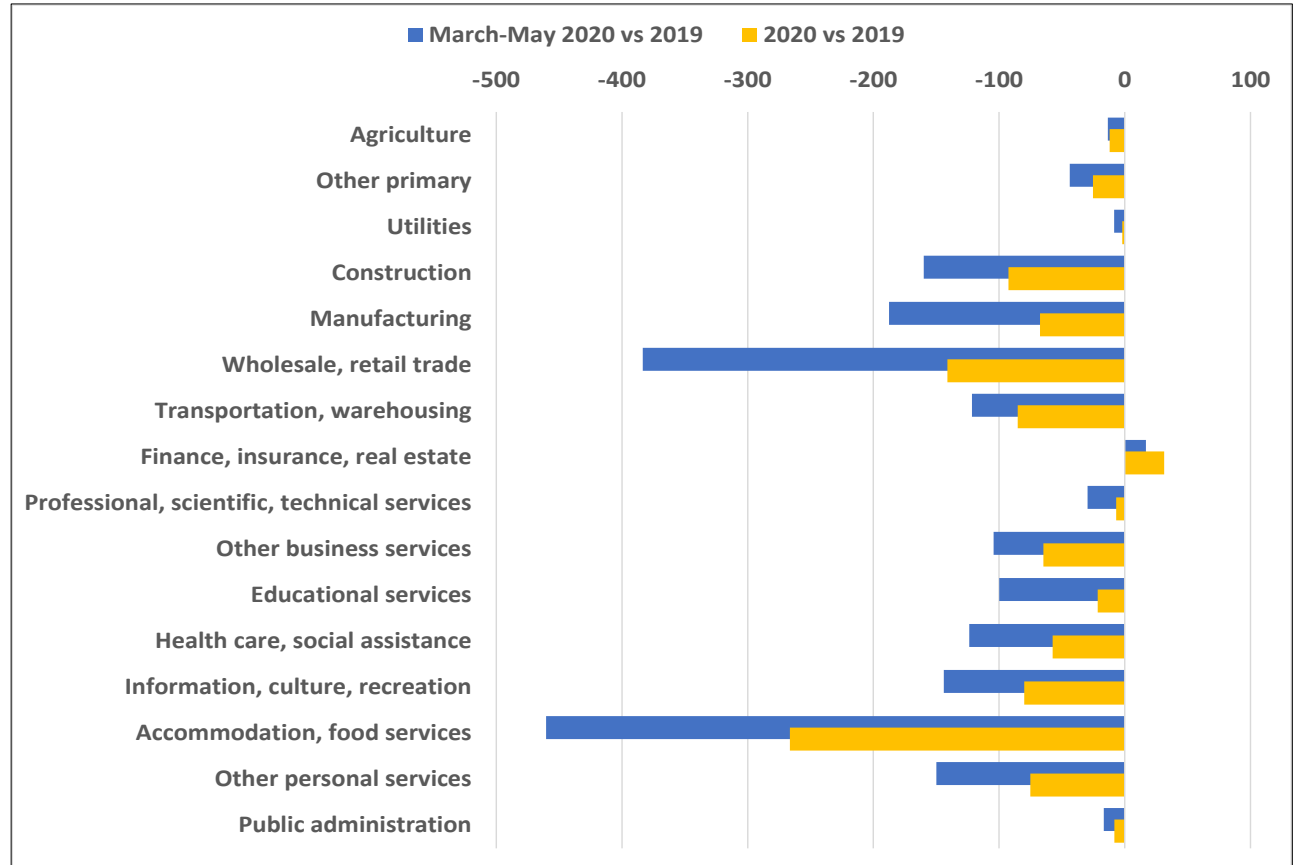
Job recovery
has stalled in both
Canada and the US

Many questions
remain about the virus
and its variants

Assumed here
for Canada
for 2020 and 2021
GDP -6.0% +4.3%
Employed -5.0% +3.5%



Canada Employment by Industry Change from a Year Ago (000s)



**COVID-19
Impacts
2020 vs 2019**

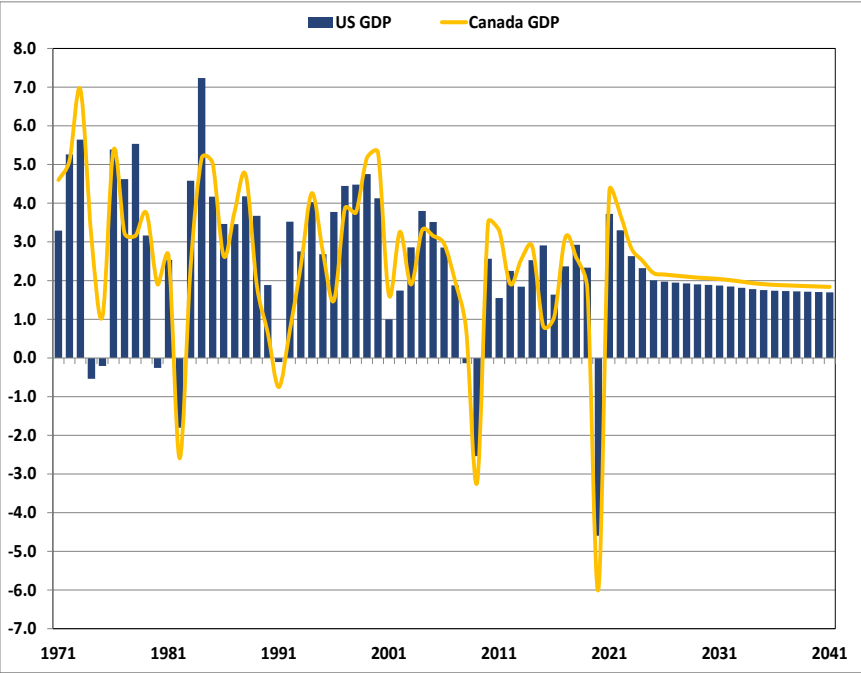
**March-May 2020 vs
March-May 2019**

Down 2,030,000

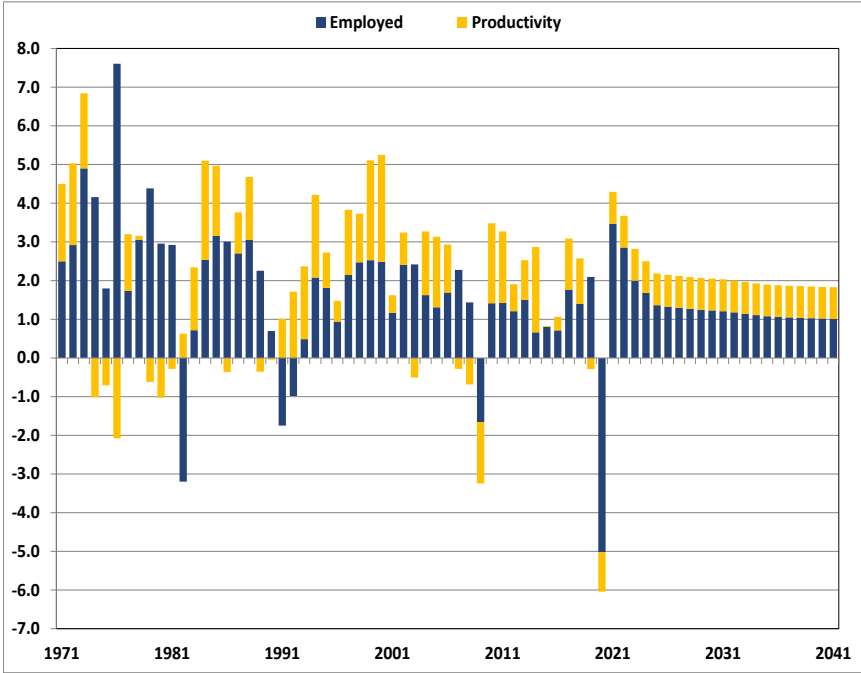
Annual 2020 vs 2019

Down 975,000

Canada and United States GDP Growth (%)



Canada Employed and Productivity Growth (%)



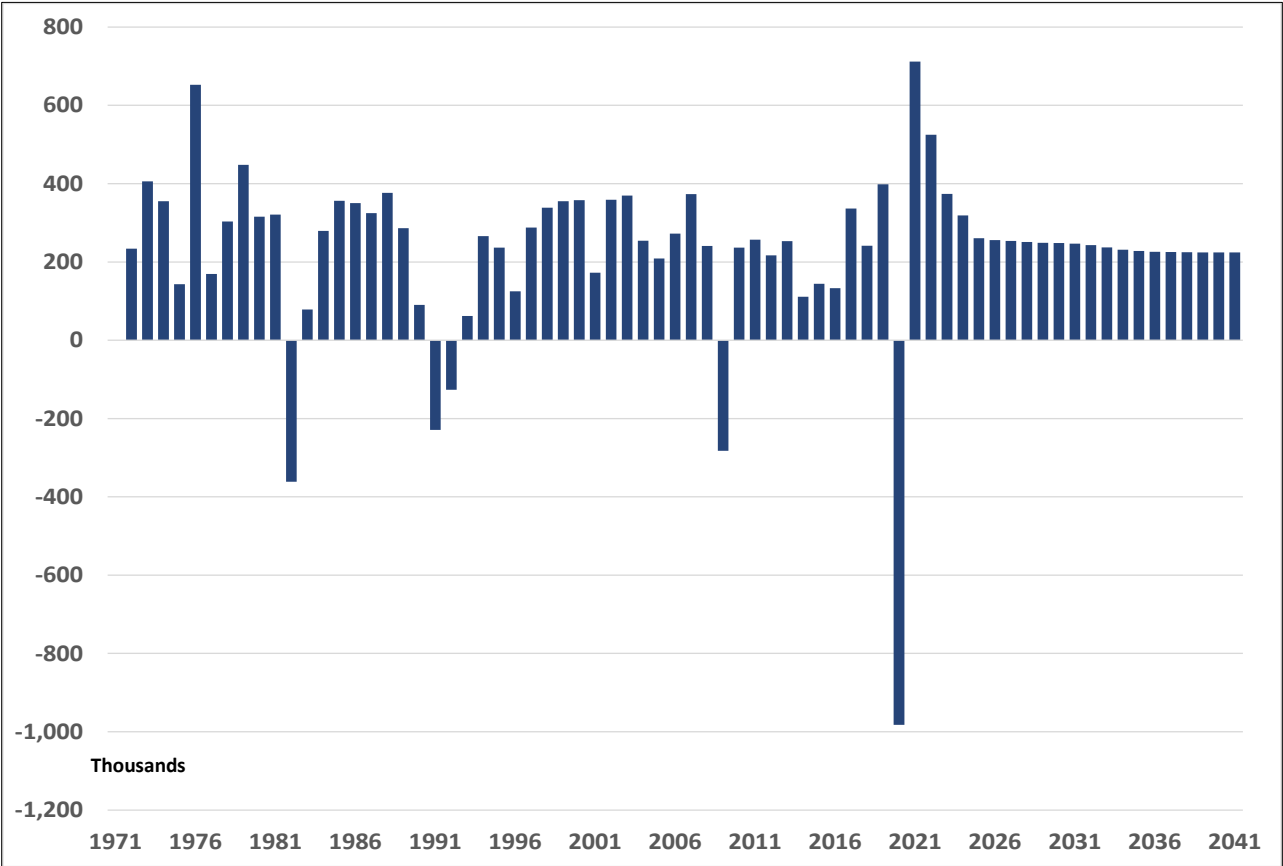
Annual Absolute Employment Growth 1971 to 2041

Post COVID-19 2021-2041 Projection

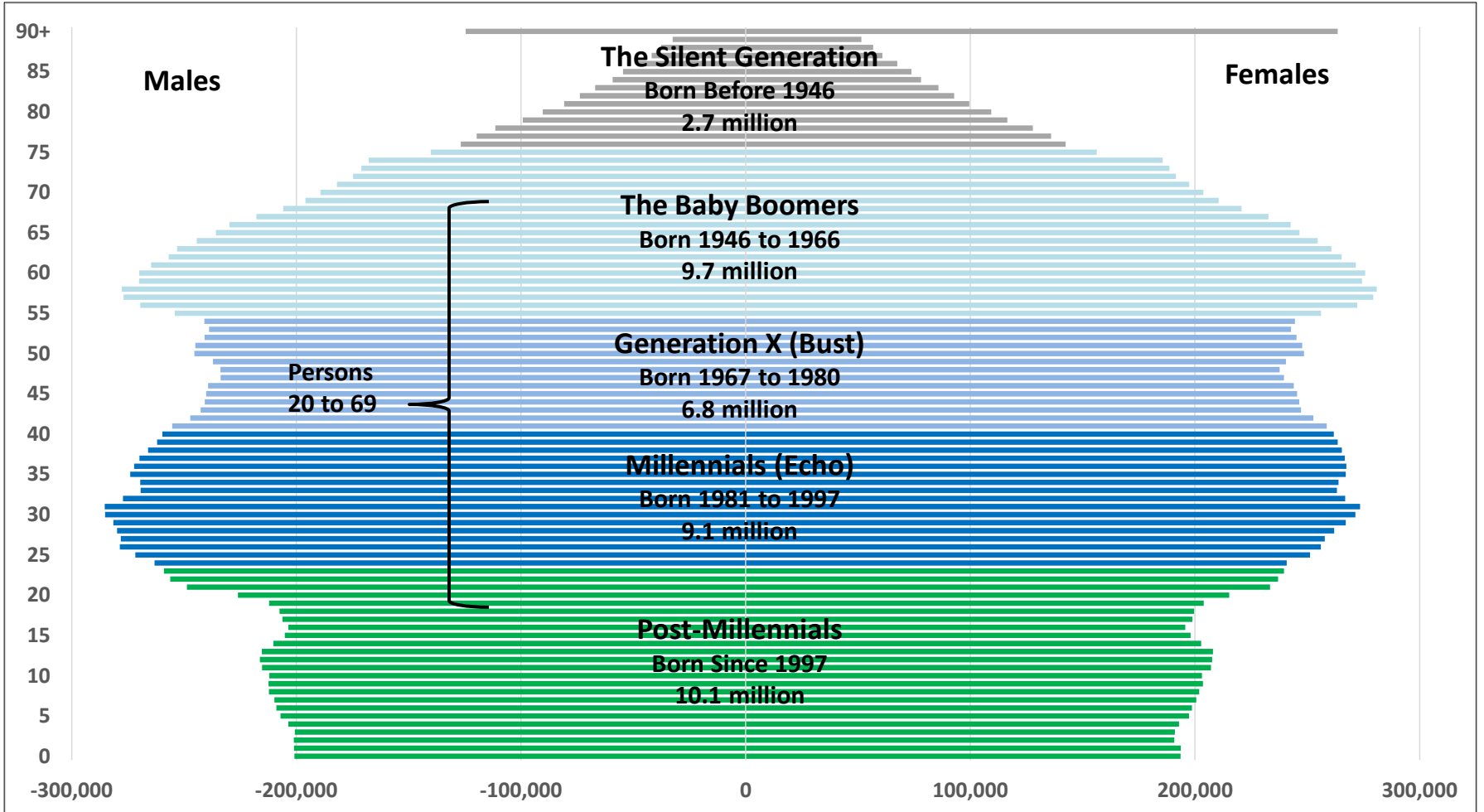
Real GDP will grow
2.1 percent per year

Productivity will grow
0.8 percent per year

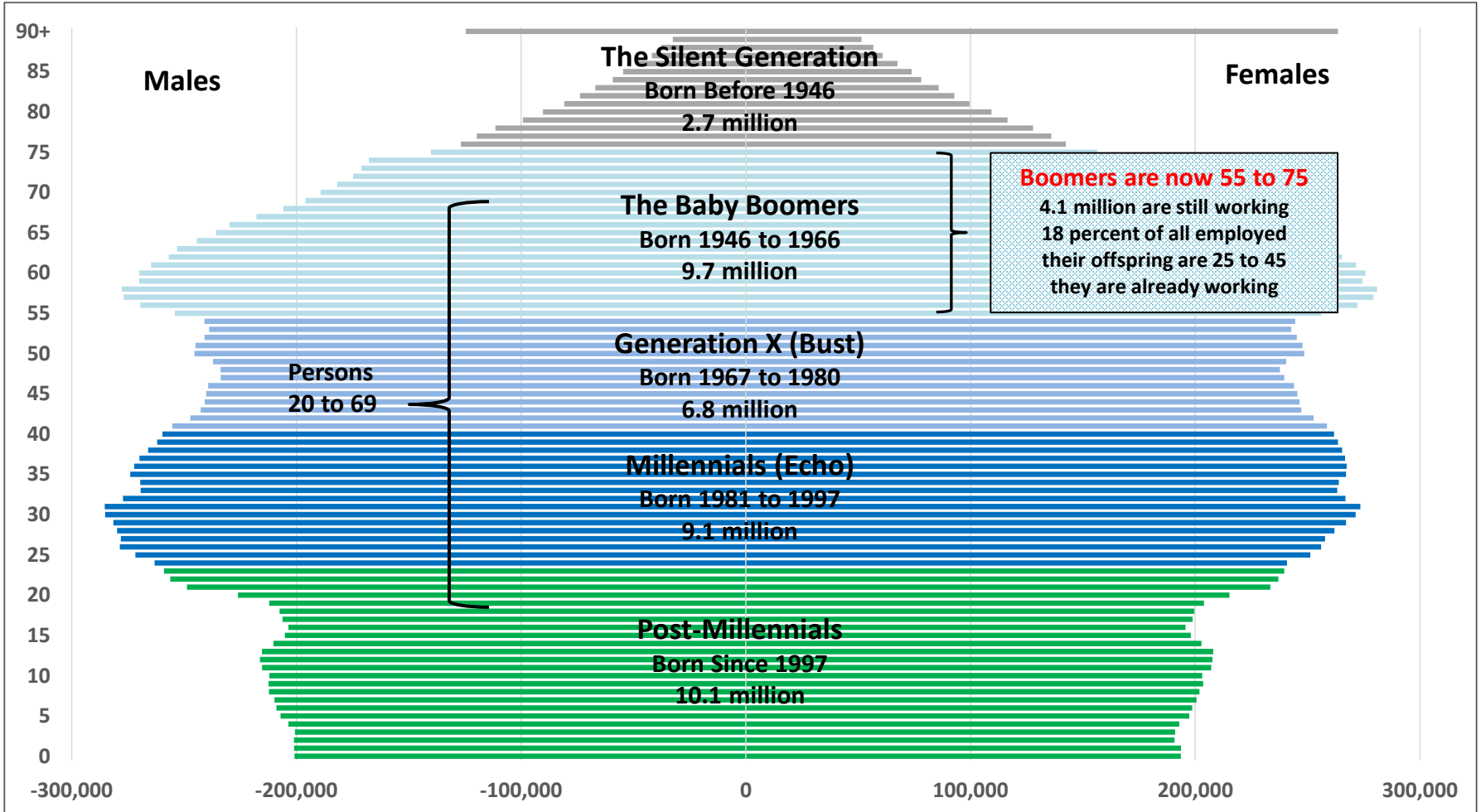
Employment will grow
1.3 percent per year
or 250,000 to
275,000 per year



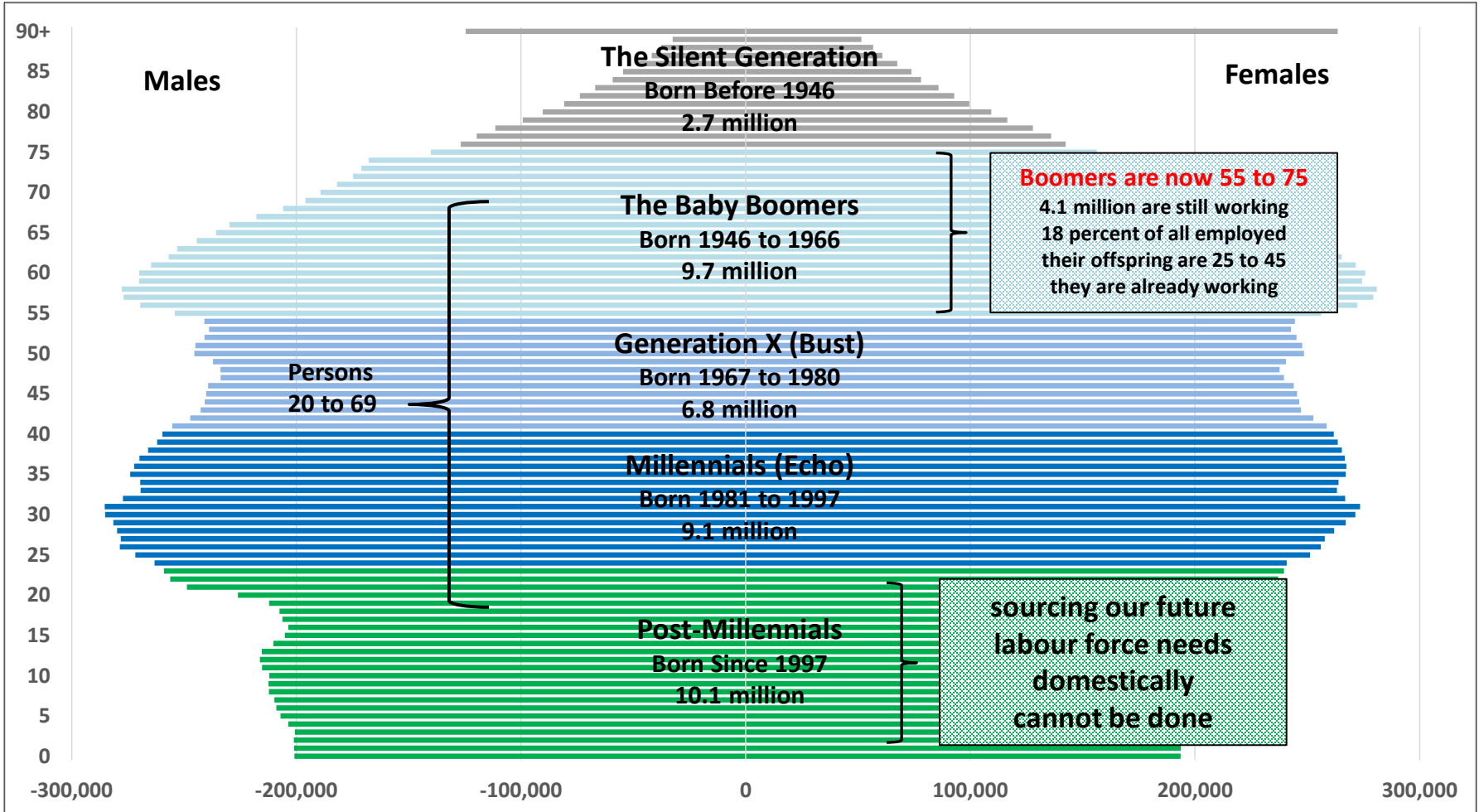
Canada's Generations 2021



Canada's Generations 2021



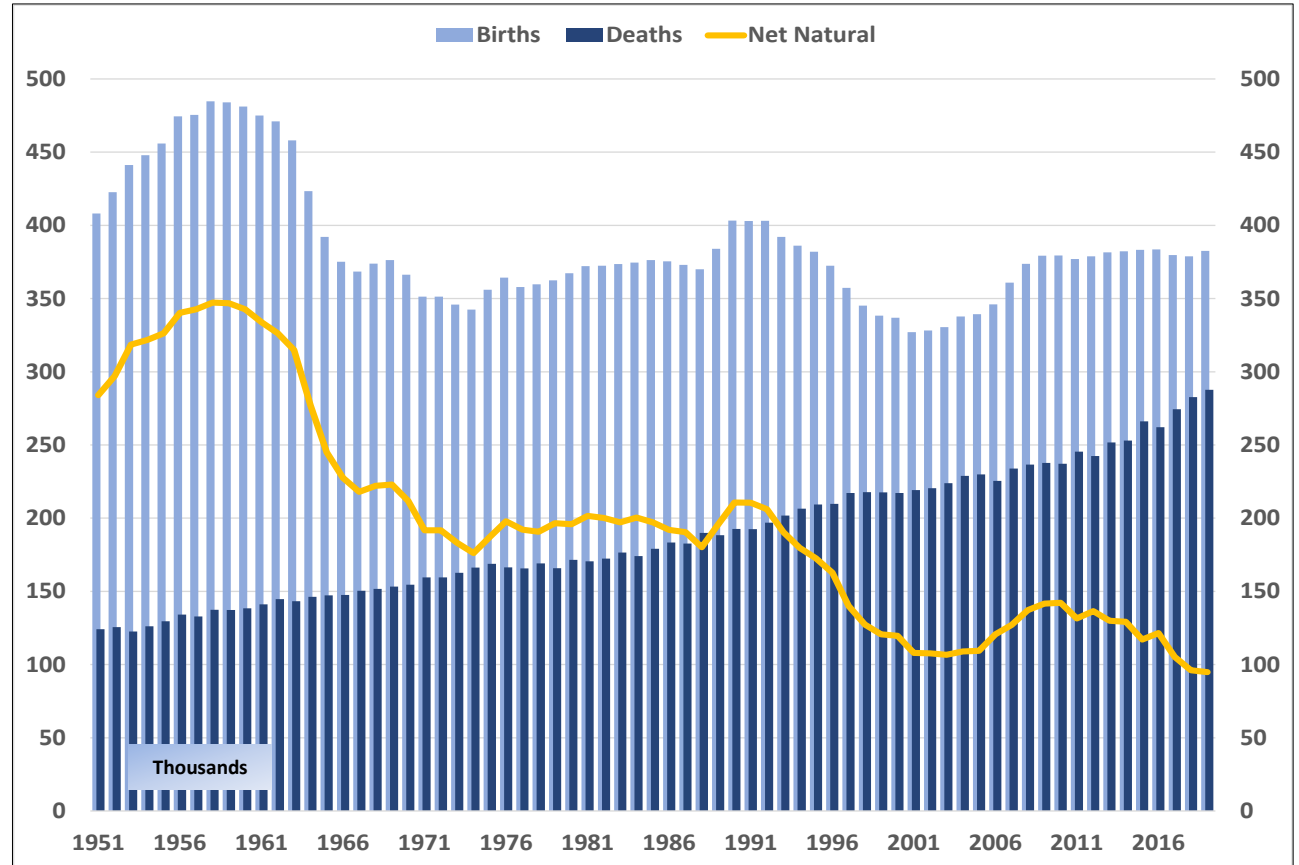
Canada's Generations 2021



Net Natural Population Change 1951 to 2019

Net natural population growth (births less deaths) has averaged 120,000 per year since 2001

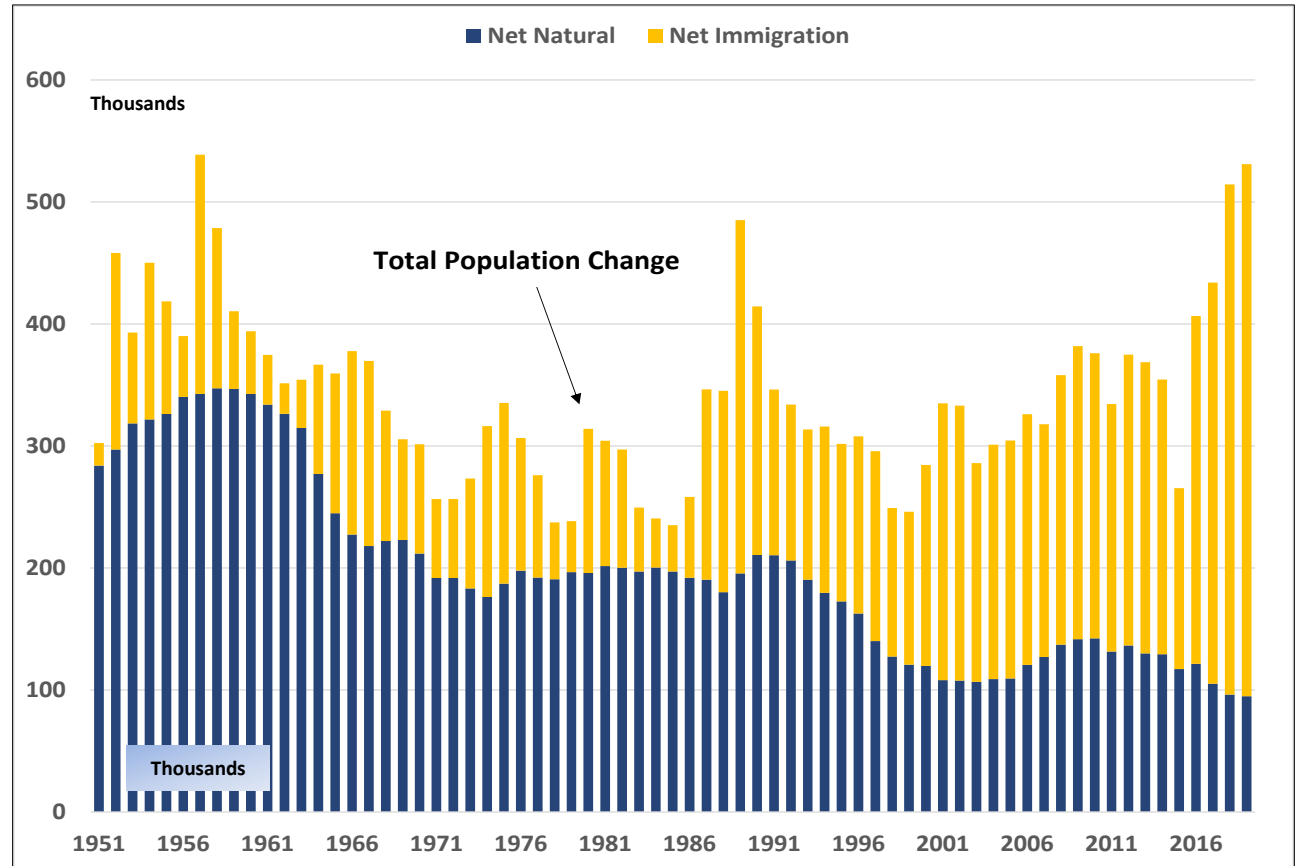
It will be 0 by 2036



Sources of Population Change 1951 to 2019

Annual net immigration has been allowed to gradually increase since 2001 to ensure an adequate supply of workers

Net immigration gradually increased from 225,000 in 2001 to 435,000 in 2019

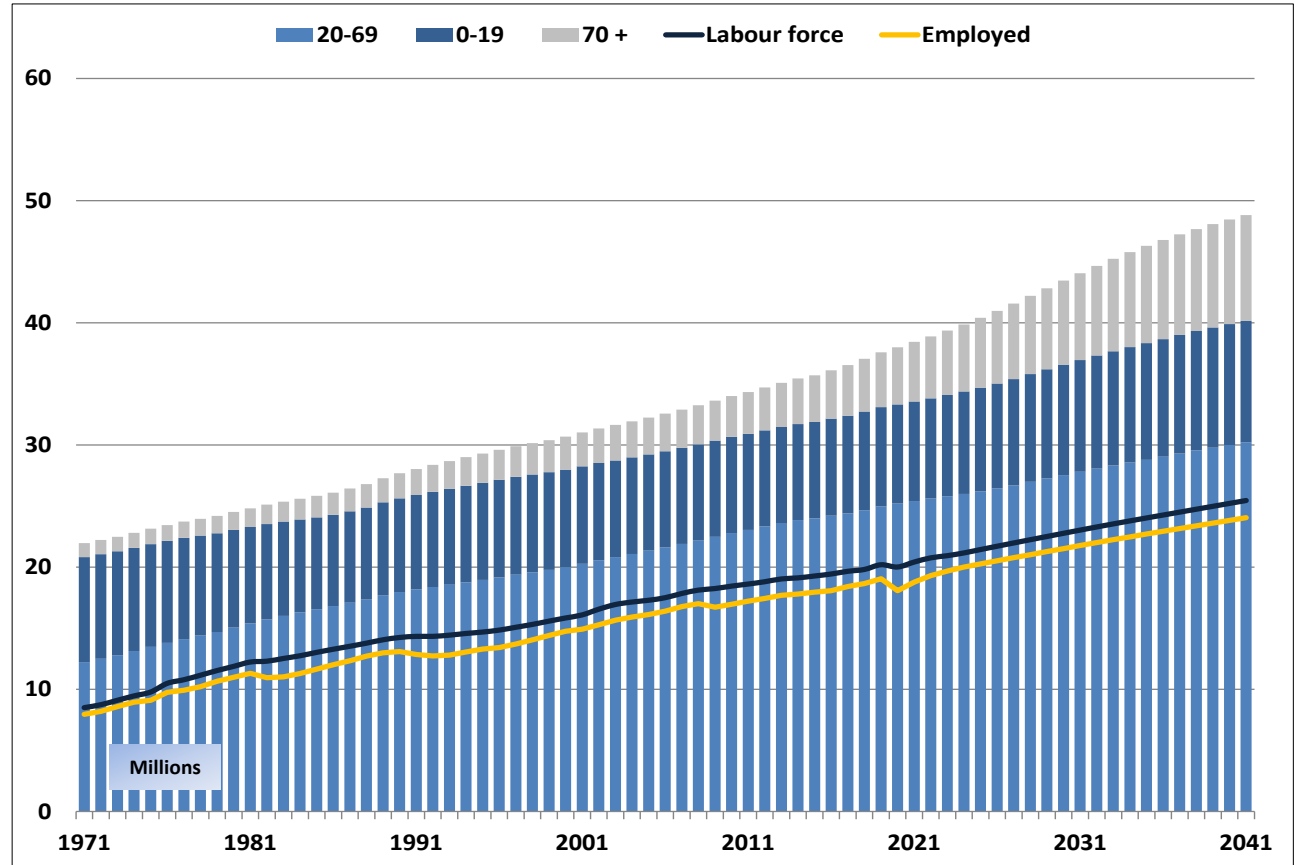


Population by Age Group and Labour Market Activity 1971 to 2041

The population aged 20-69 needs to grow in line with employment

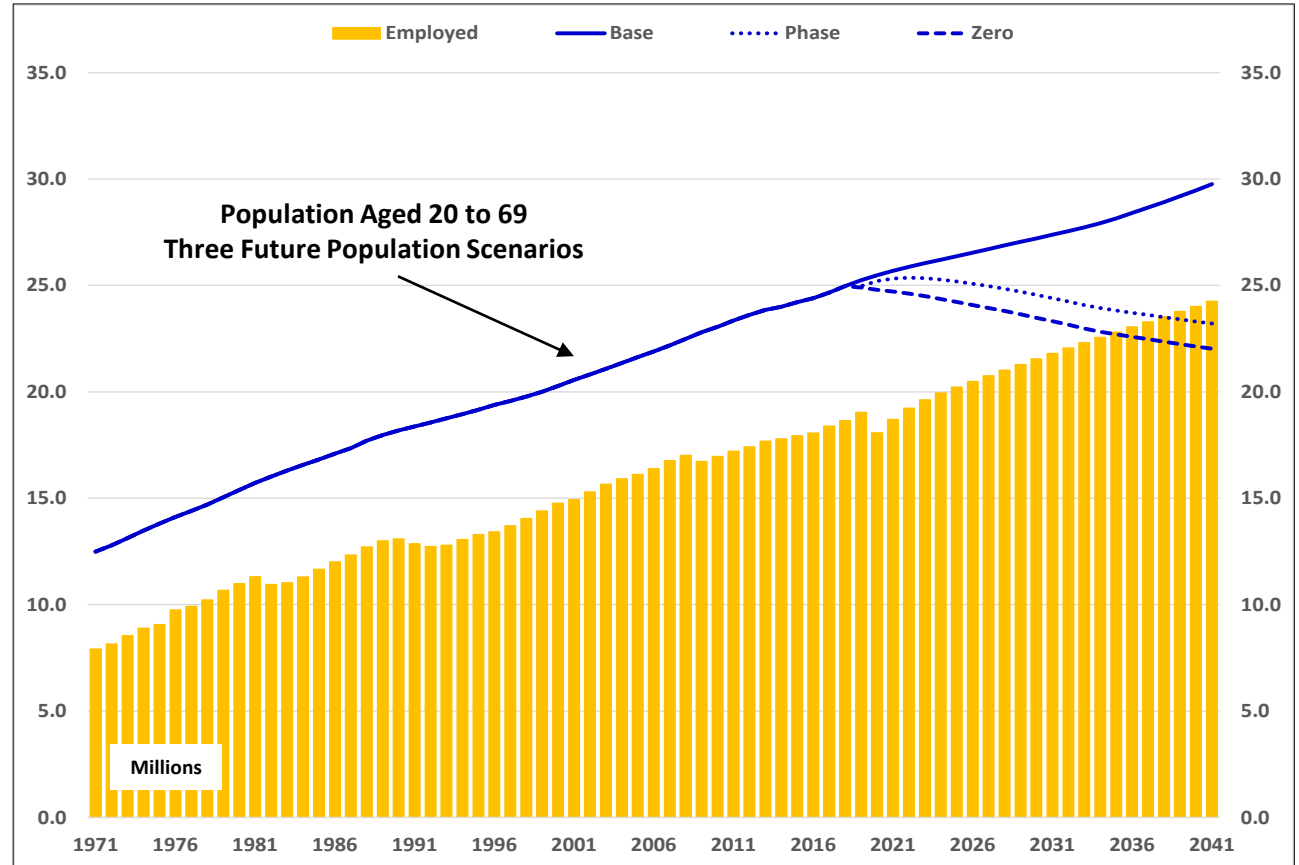
The aging Boomers are driving population growth among those 70+

Many workers are staying active in the labour force beyond 65



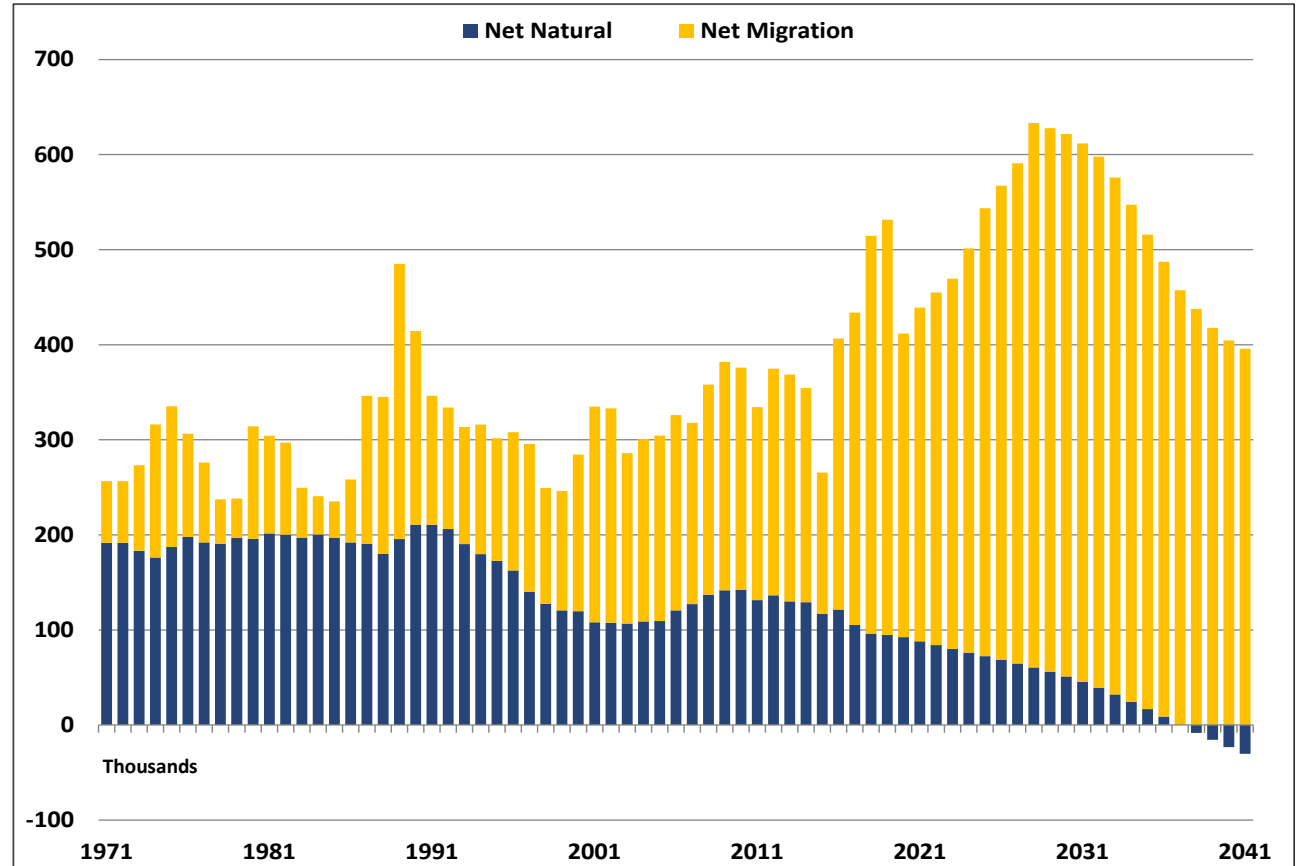
Population Aged 20 to 69 and Total Employed 1971 to 2041

- Base Case**
Net Immigration
adjusts to
labour market
requirements
- Phase**
Net Immigration
0 in 10 Years
- Zero**
Net Immigration
0 in 2022 and after



Population Growth by Source 1971 to 2041

Net immigration will need to average 480,000 per year from now to 2041 if Canada is to have enough 20-to-69-year-olds to fill the new jobs *and* to replace the retiring Boomers



Employment Canada and the US

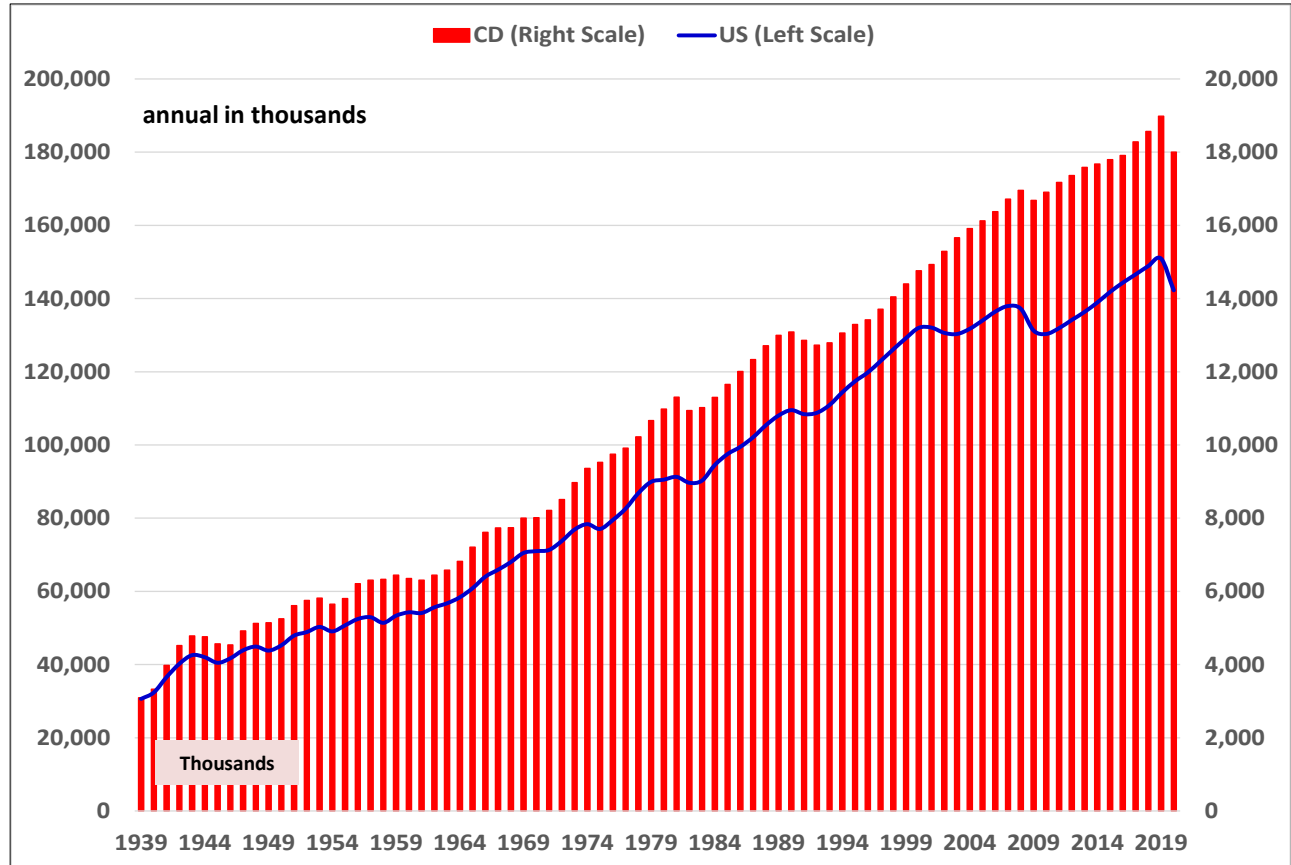
1939 to 2020

average annual
growth rates

Canada 2.2 percent

US 1.9 percent

Non-Farm Employment 1939 to 2020: Canada and United States



Manufacturing employment Canada and the US

1939 to 1979

average annual
growth rates

Canada 2.6 percent

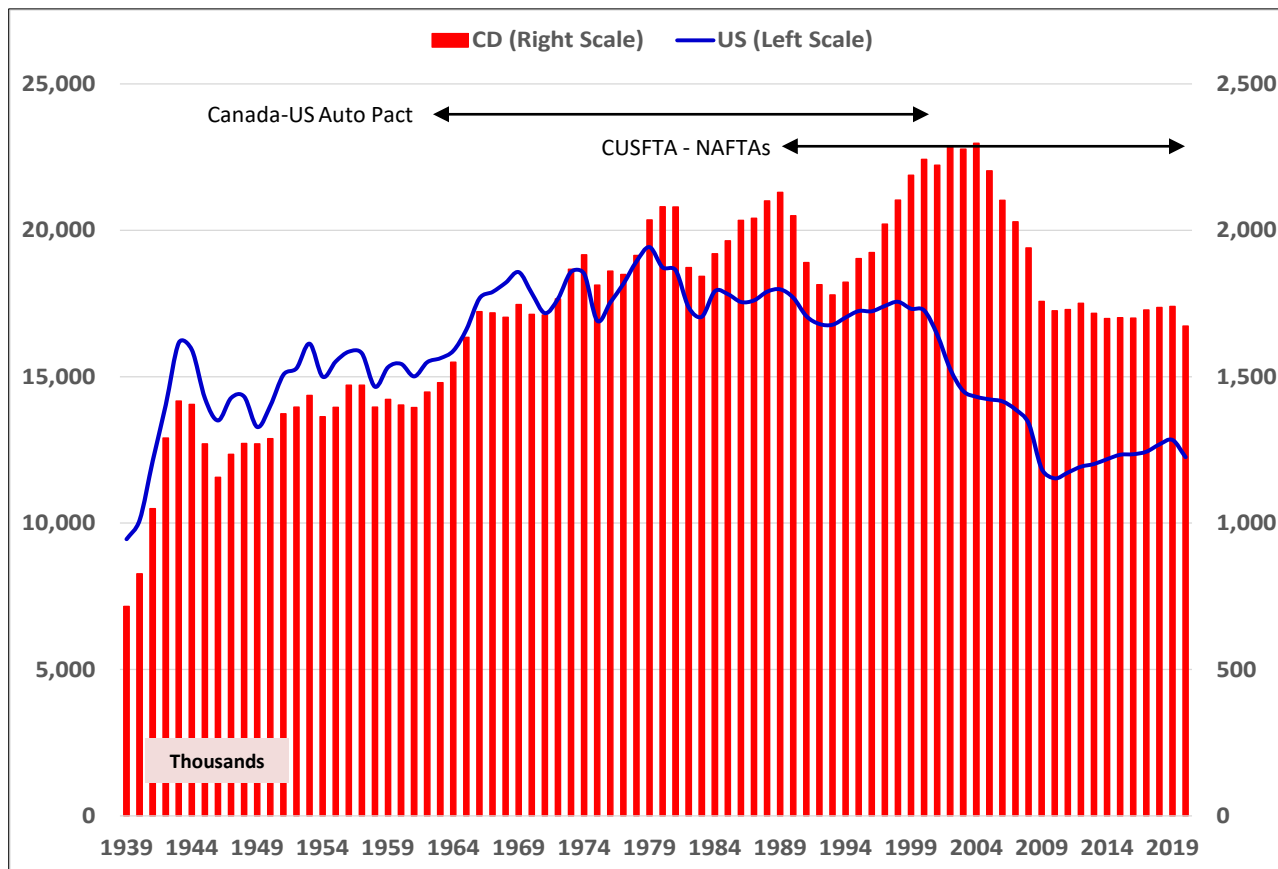
US 1.8 percent

1979 to 2020

Canada -0.5 percent

US -1.1 percent

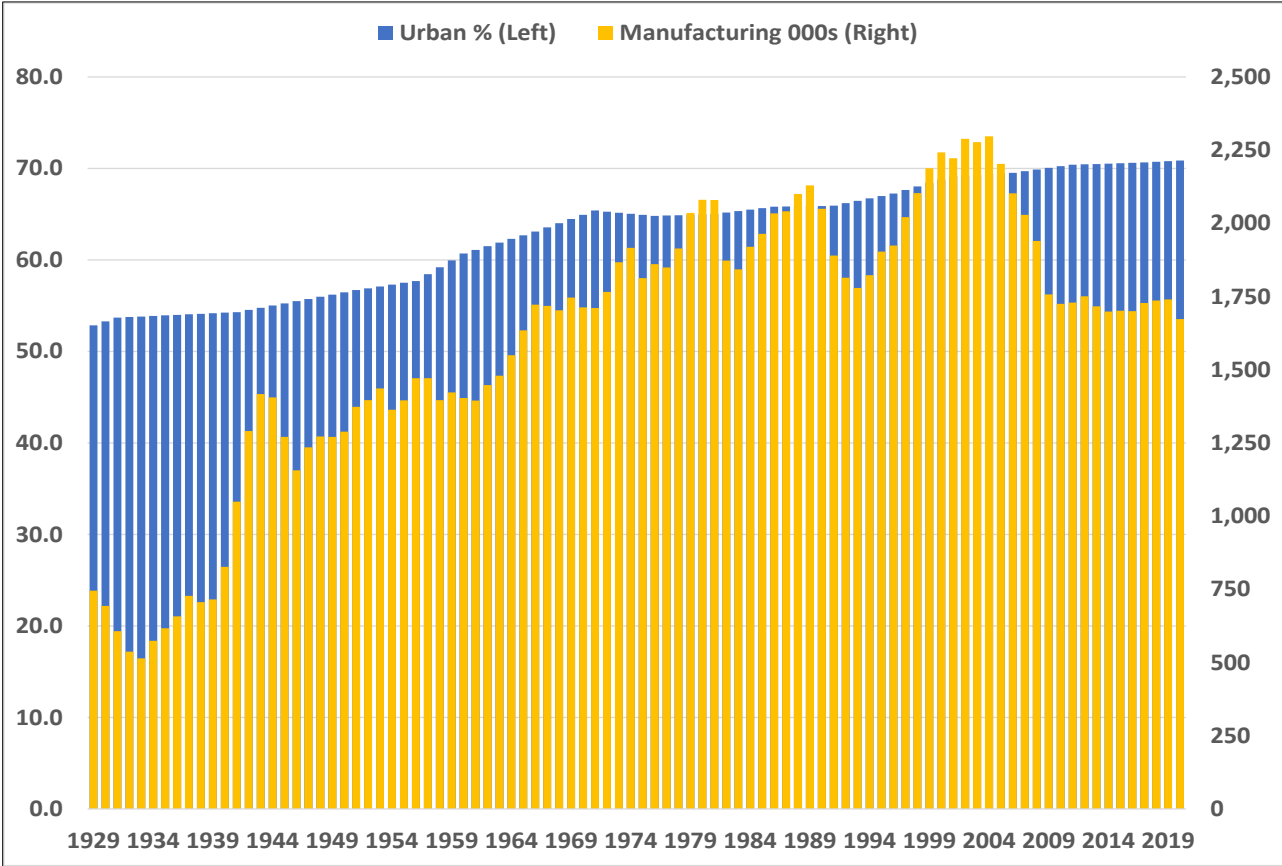
Manufacturing Employment 1939 to 2020: Canada and United States



Canada Urbanization and Manufacturing Employment 1929 to 2019

Manufacturing employment and urbanization

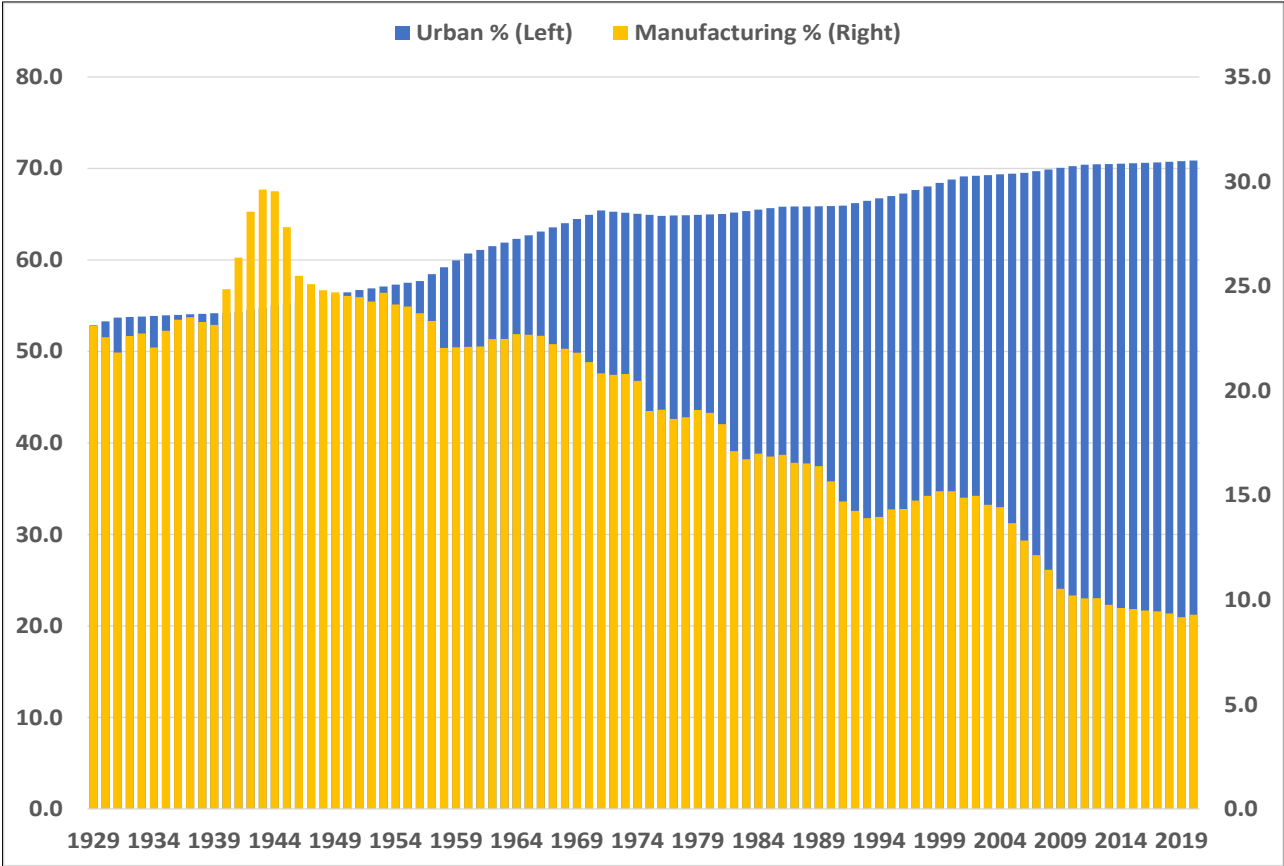
Manufacturing has historically been the “go-to” industry throughout Canada to support and grow communities



Canada Urbanization and Manufacturing Employment 1929 to 2019

Manufacturing employment and urbanization

Manufacturing's share of total employment has been declining steadily since World War II



GDP and Exports (\$2012 millions) 1981 to 2019

Average Annual Growth Rates (%)

GDP

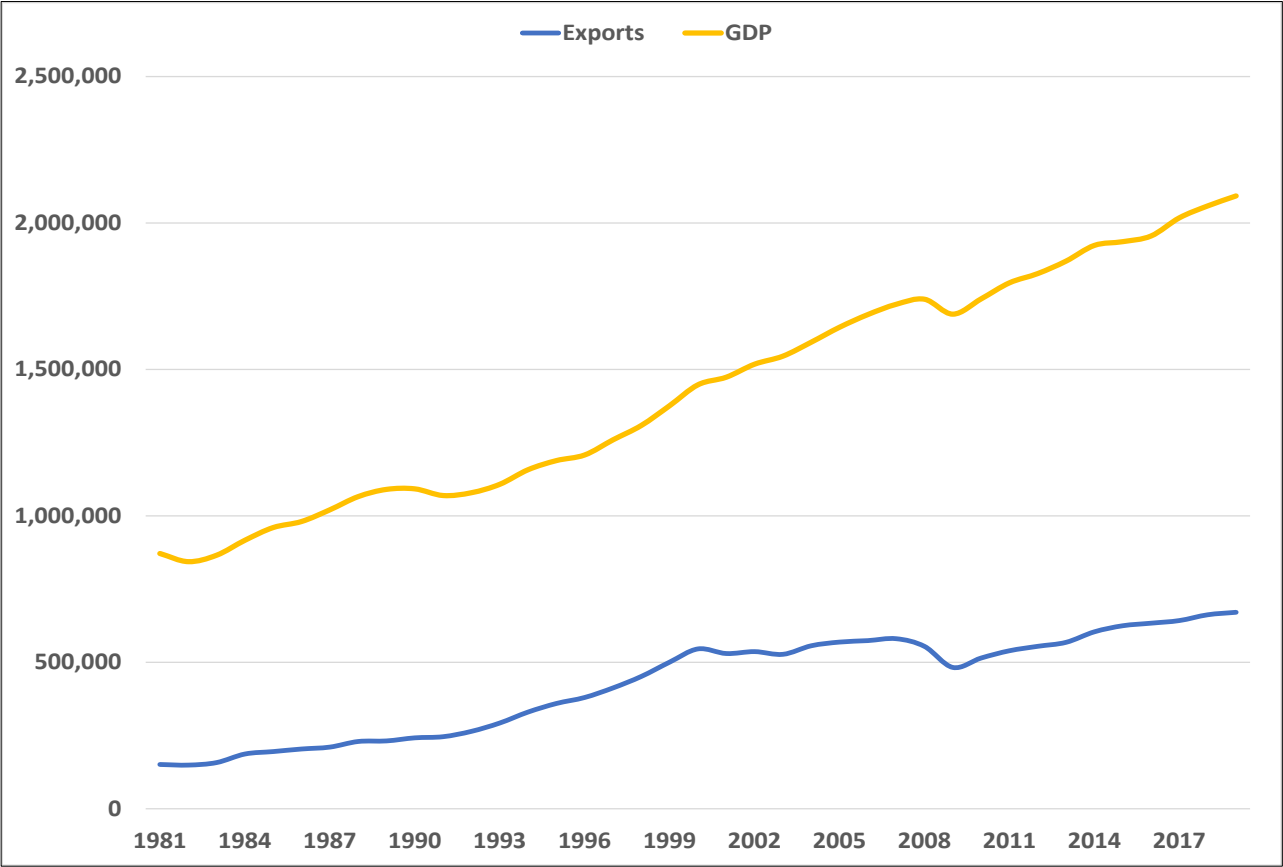
1981-1997 2.3
 1997-2019 2.3

Exports

1981-1997 6.5
 1997-2019 2.2

Imports

1981-1997 6.1
 1997-2019 3.2

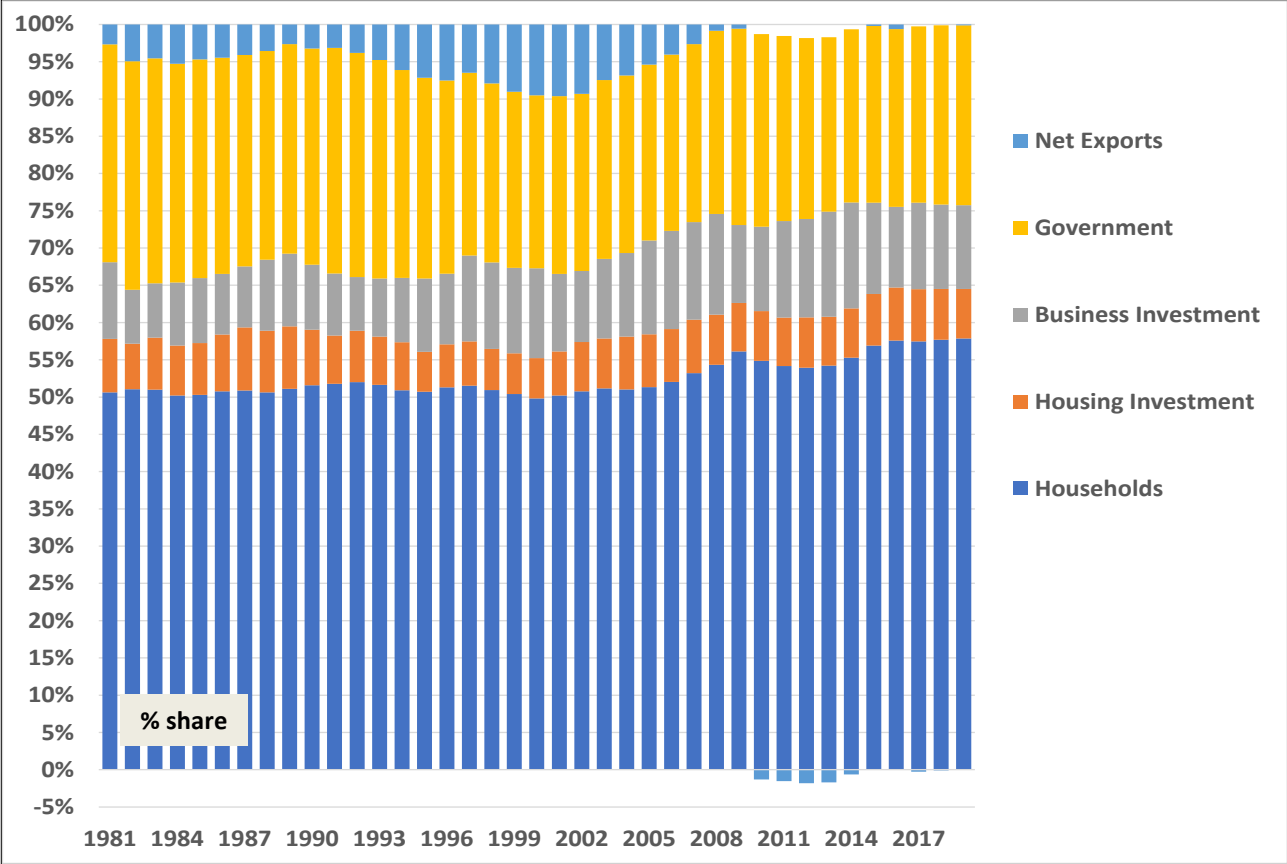


GDP by Major Expenditure Sector 1981 to 2019

average annual growth rates (%)

| | 81-97 | 97-19 |
|---------------------|-------|-------|
| GDP | 2.3 | 2.3 |
| Households | 2.5 | 2.9 |
| Housing Investment | 1.2 | 2.9 |
| Business Investment | 3.1 | 2.2 |
| Government | 1.3 | 2.3 |
| Exports | 6.5 | 2.2 |
| Imports | 6.1 | 3.2 |

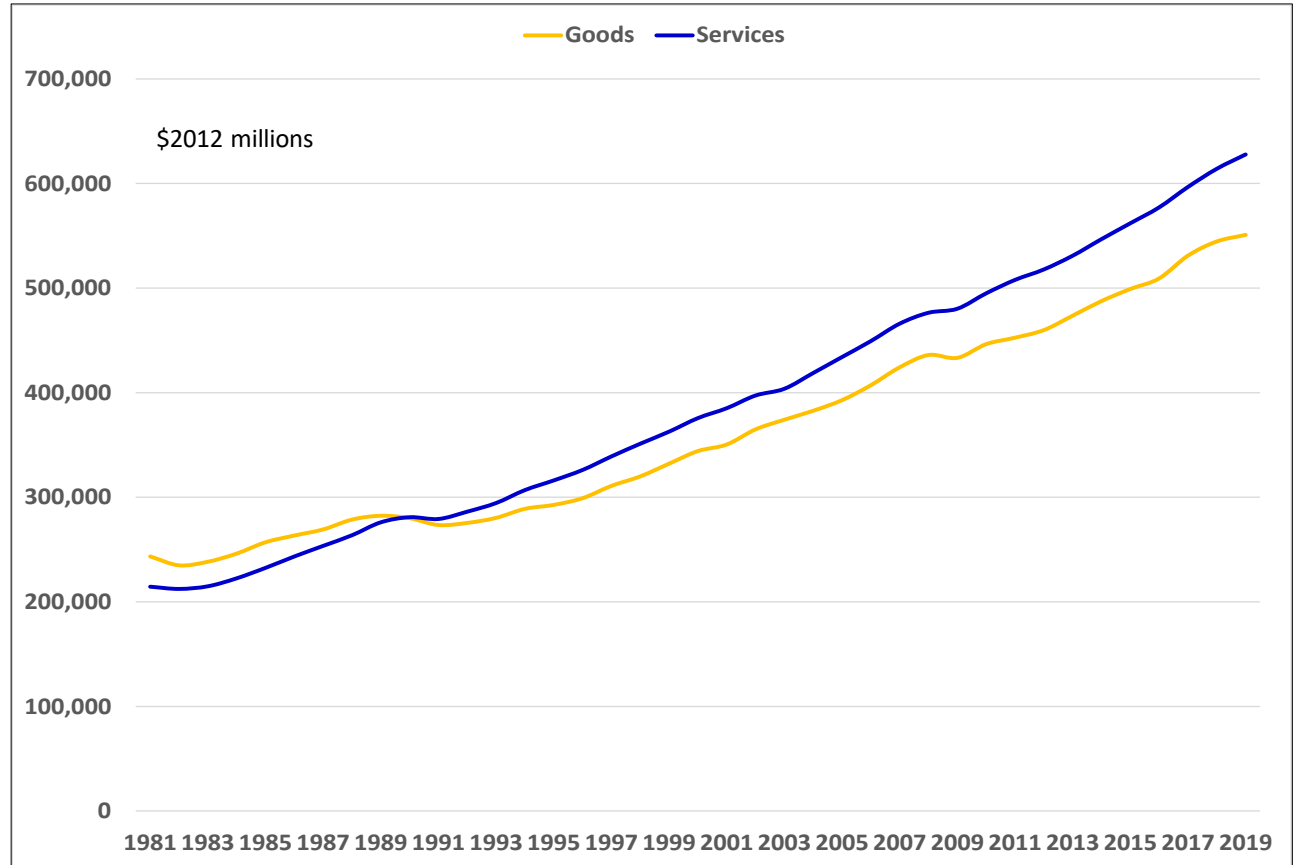
\$2012



Household Expenditures on Goods and Services 1981 to 2019

Average annual real growth rates 1981-1997 and 1997-2019

| | | |
|----------|------|------|
| Goods | 1.5% | 2.6% |
| Services | 2.9% | 2.8% |
| Total | 2.2% | 2.7% |



Household Expenditures Selected Categories 1981 to 2019

**Above average
real growth rates
1997 to 2019**

Communications equipment 8.9

Health goods 5.3

Communications services 4.7

Recreational equipment 4.3

Financial services 3.8

Clothing, footwear 3.7

Vehicles, parts 3.5

Furniture 3.5

Education services 3.3

Rent, imputed rent 3.2

Personal goods 2.9

Health services 2.8

| | \$ Current | | Price | | \$ Constant | | \$ |
|---|------------|------------|------------|------------|-------------|------------|--------------|
| | 81-97 | 97-19 | 81-91 | 91-01 | 81-97 | 97-19 | |
| Disposable income | 5.5 | 4.4 | 4.0 | 1.6 | 1.5 | 2.8 | 1,273 |
| Total expenditures | 6.3 | 4.4 | 4.0 | 1.6 | 2.2 | 2.7 | 1,299 |
| Food, alcohol, tobacco | 4.3 | 3.8 | 3.7 | 2.3 | 0.6 | 1.5 | 166 |
| Clothing and footwear | 4.0 | 3.2 | 3.0 | -0.5 | 1.0 | 3.7 | 52 |
| Vehicles, parts, accessories | 7.7 | 4.4 | 3.4 | 0.9 | 4.2 | 3.5 | 104 |
| Furniture, furnishing, equipment | 4.3 | 4.1 | 2.6 | 0.5 | 1.6 | 3.6 | 60 |
| Recreational equipment | 6.6 | 3.3 | 3.2 | -0.9 | 3.3 | 4.3 | 48 |
| Household energy | 5.4 | 3.0 | 5.1 | 2.7 | 0.3 | 0.3 | 30 |
| Fuels and lubricants | 4.4 | 5.0 | 3.3 | 3.2 | 1.1 | 1.8 | 45 |
| Communications equipment | 20.5 | 6.9 | -0.4 | -1.8 | 21.0 | 8.9 | 1 |
| Personal goods | 5.9 | 4.9 | 3.1 | 1.9 | 2.7 | 2.9 | 54 |
| Health goods | 8.8 | 6.0 | 4.5 | 0.6 | 4.2 | 5.3 | 28 |
| Goods | 5.2 | 4.1 | 3.6 | 1.4 | 1.5 | 2.6 | 590 |
| Rent, imputed rent, dwelling expenses | 7.5 | 4.6 | 4.1 | 1.3 | 3.3 | 3.2 | 270 |
| Financial services | 9.2 | 4.7 | 4.0 | 0.9 | 5.1 | 3.8 | 116 |
| Personal services | 7.3 | 4.4 | 4.5 | 2.5 | 2.7 | 1.8 | 44 |
| Health services | 7.5 | 5.8 | 4.7 | 3.0 | 2.7 | 2.8 | 28 |
| Education services | 9.7 | 6.7 | 7.6 | 3.3 | 2.0 | 3.3 | 23 |
| Transportation services | 6.2 | 4.6 | 4.9 | 2.2 | 1.3 | 2.4 | 47 |
| Communications services | 7.1 | 5.8 | 2.5 | 1.1 | 4.5 | 4.7 | 34 |
| Recreational, sporting services | 10.5 | 3.1 | 4.2 | 1.8 | 6.1 | 1.3 | 21 |
| Cable, satellite, other | 12.4 | 6.1 | 6.4 | 4.3 | 5.6 | 1.8 | 11 |
| Cinemas | 3.4 | 3.2 | 5.2 | 2.5 | -1.7 | 0.6 | 1 |
| Books, newspapers, other printed matter | 5.7 | 1.8 | 5.9 | 2.3 | -0.2 | -0.5 | 7 |
| Food, accommodation services | 5.8 | 4.3 | 4.5 | 2.5 | 1.2 | 1.8 | 93 |
| Services | 7.5 | 4.6 | 4.4 | 1.7 | 2.9 | 2.8 | 695 |

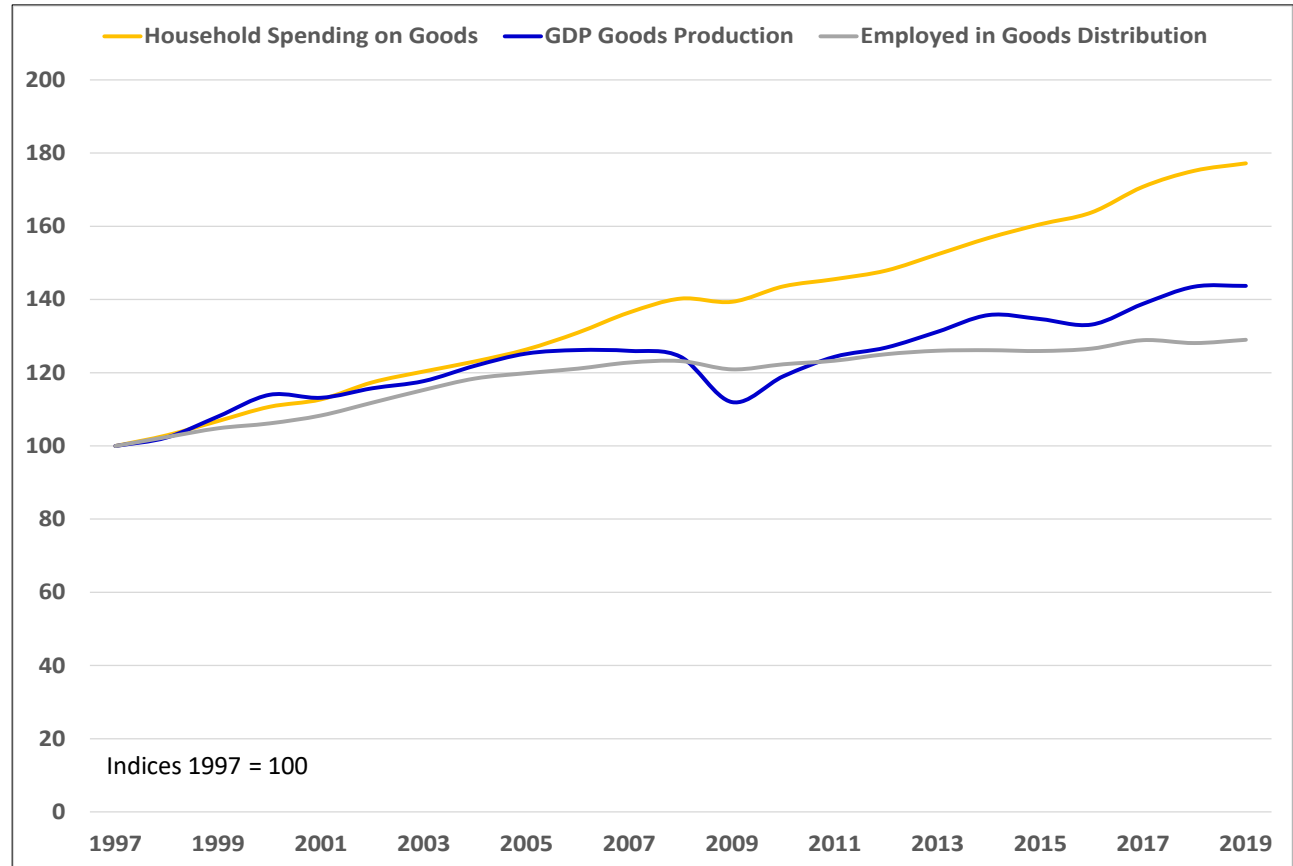
Goods Spending, Production and Distribution 1997 to 2019

Average annual real growth rates 1997-2019

Household goods
consumption (2.6%)

Goods production
value added (1.7%)

Goods distribution
employment (1.2%)

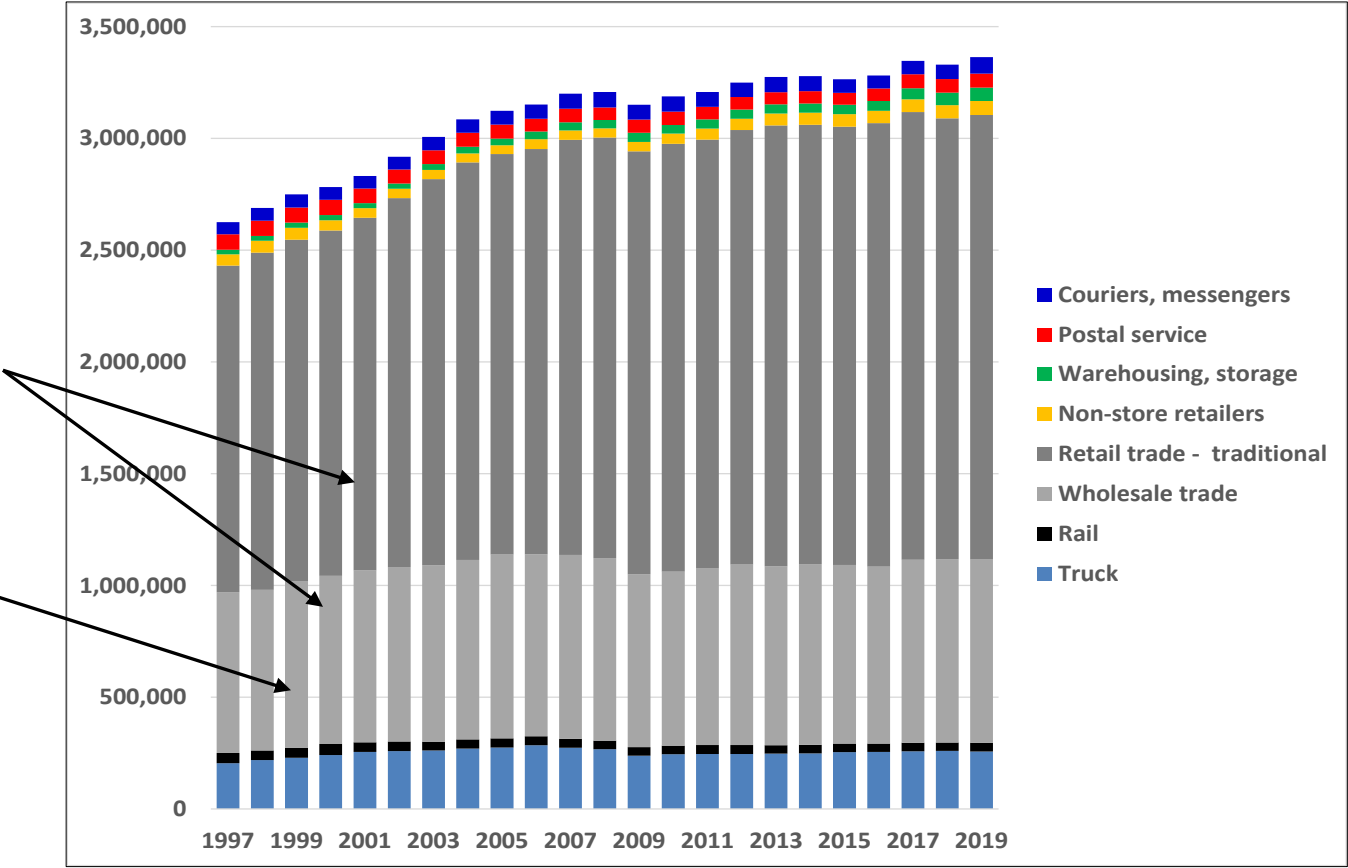


Goods Distribution Employment by Sector 1997 to 2019

Goods distribution by sector

Wholesale trade and traditional retail trade dominate jobs across the distribution chain

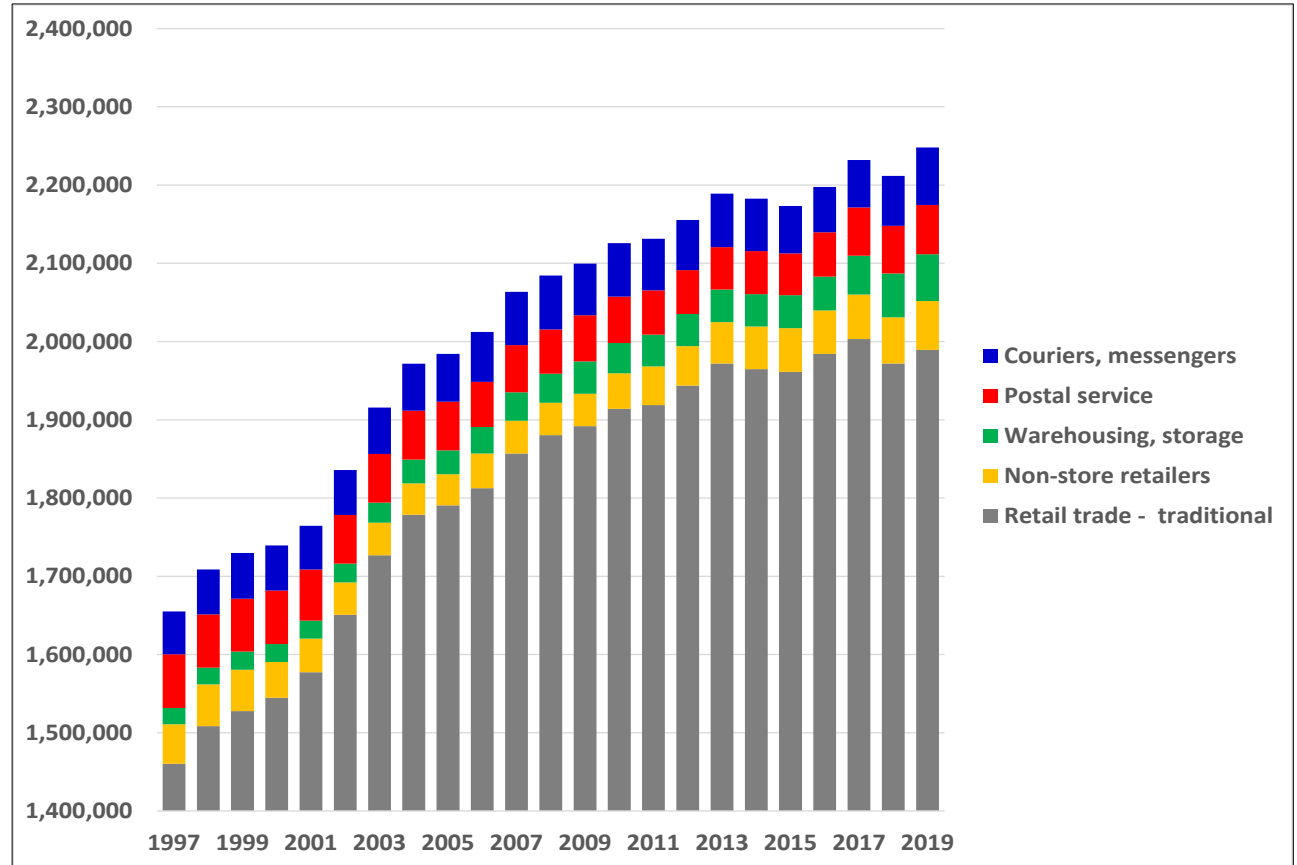
Flat job profile across trucks, rail and wholesale trade



Goods Distribution Retail and “Last Mile” 1997 to 2019

Goods distribution by sector

Customers still mostly connect with traditional retail staff

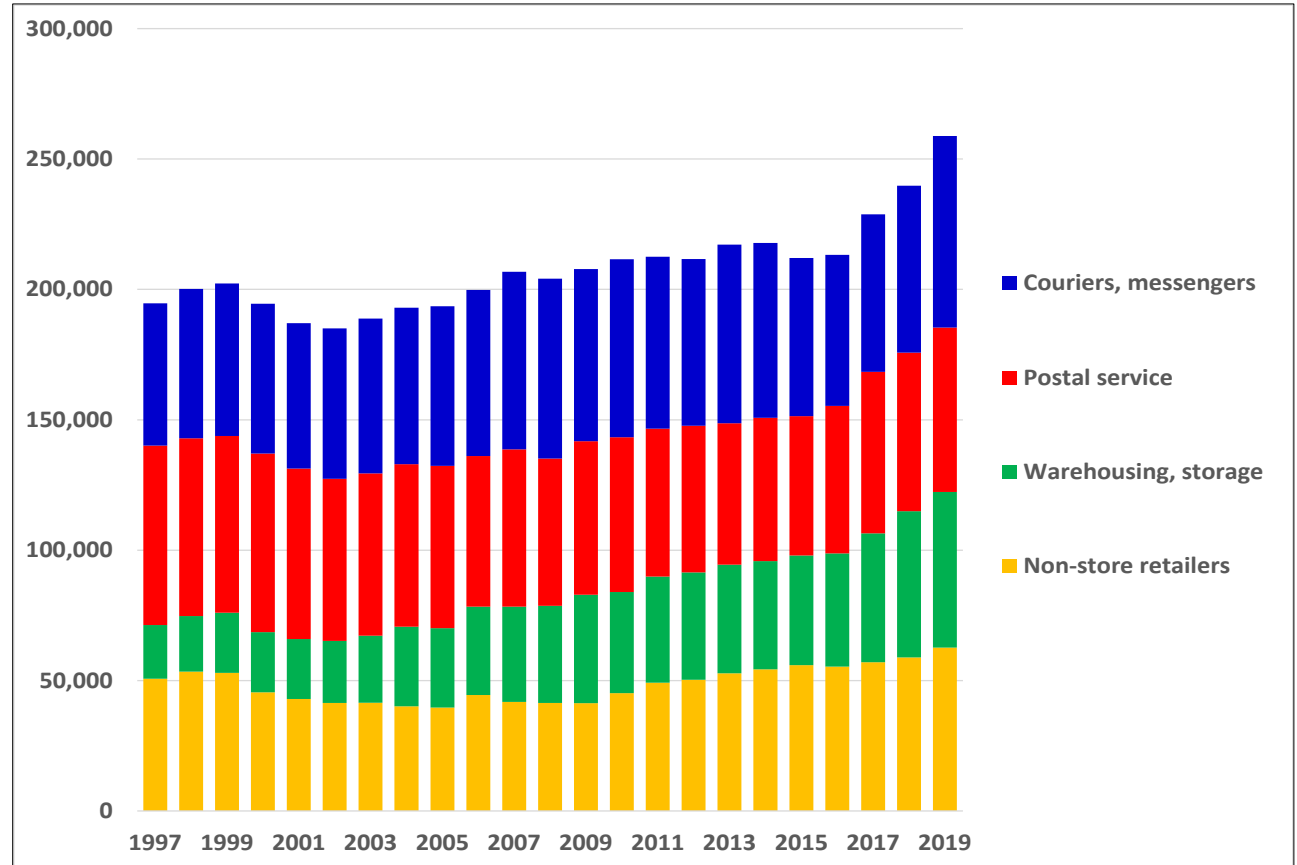


Goods Distribution Last Mile by Sector 1997 to 2019

Goods distribution by sector

Last mile delivery so far is favouring warehousemen and couriers

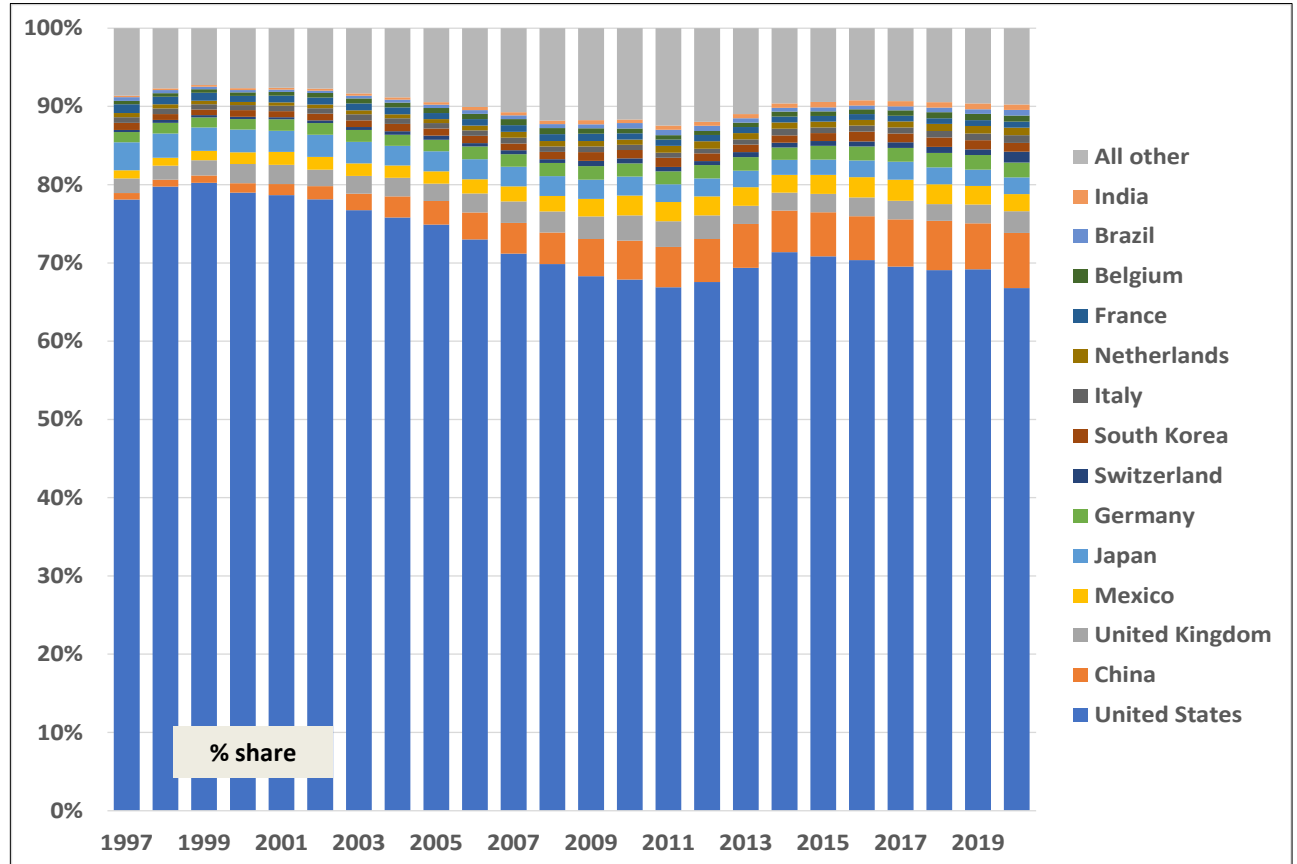
| | 000s | AA%C |
|---------------------------------|--------------|------------|
| Total goods distribution | 3,364 | 1.1 |
| Truck | 257 | 1.0 |
| Rail | 39 | -0.7 |
| Wholesale trade | 820 | 0.6 |
| Retail trade - traditional | 1,989 | 1.4 |
| Non-store retailers | 63 | 1.0 |
| Warehousing, storage | 60 | 4.9 |
| Postal service | 63 | -0.4 |
| Couriers, messengers | 73 | 1.4 |



Merchandise Exports by Country of Destination 1997 to 2020

Exports to countries other than the US account for an increased share of total exports

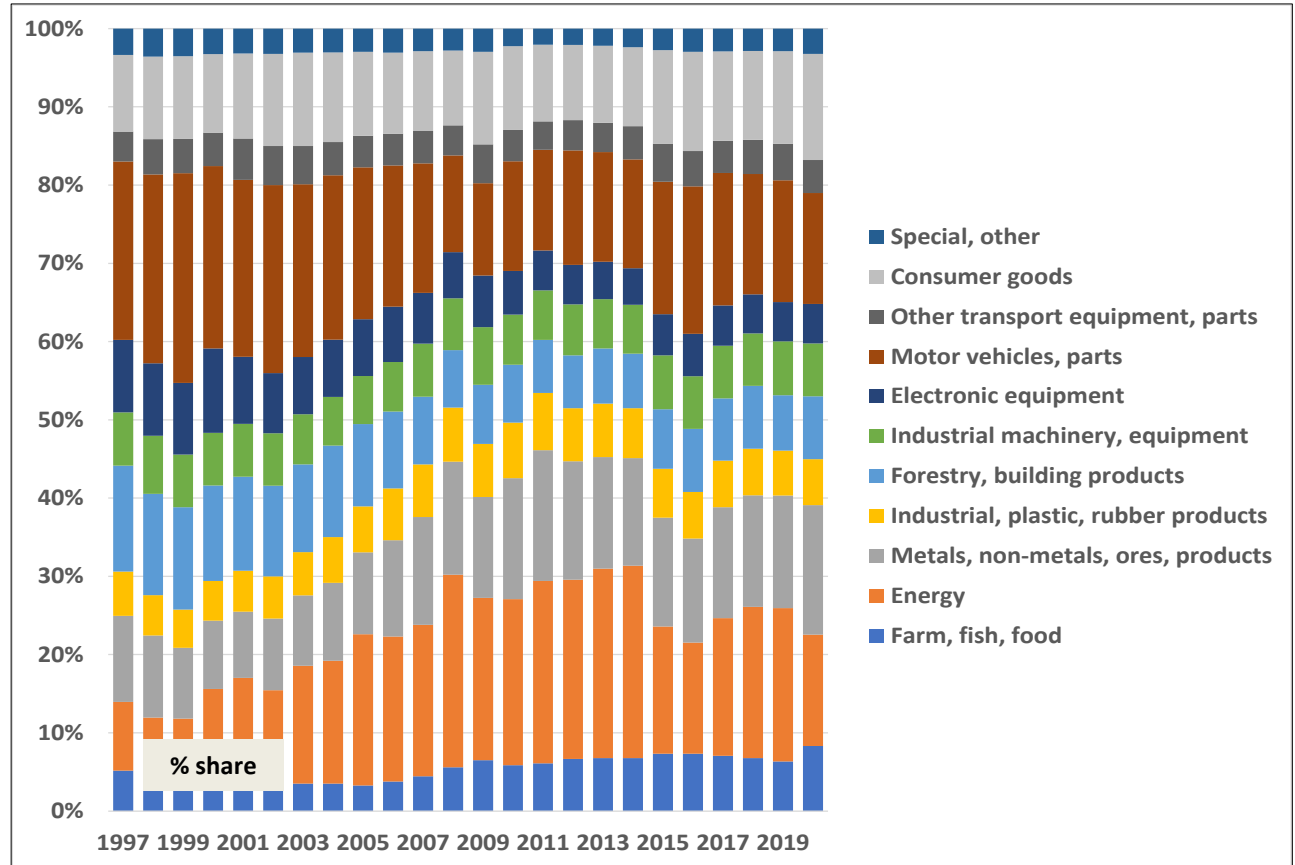
So a slow drift away from north-south to east-west trade



Merchandise Exports by Major Commodity Group 1997 to 2020

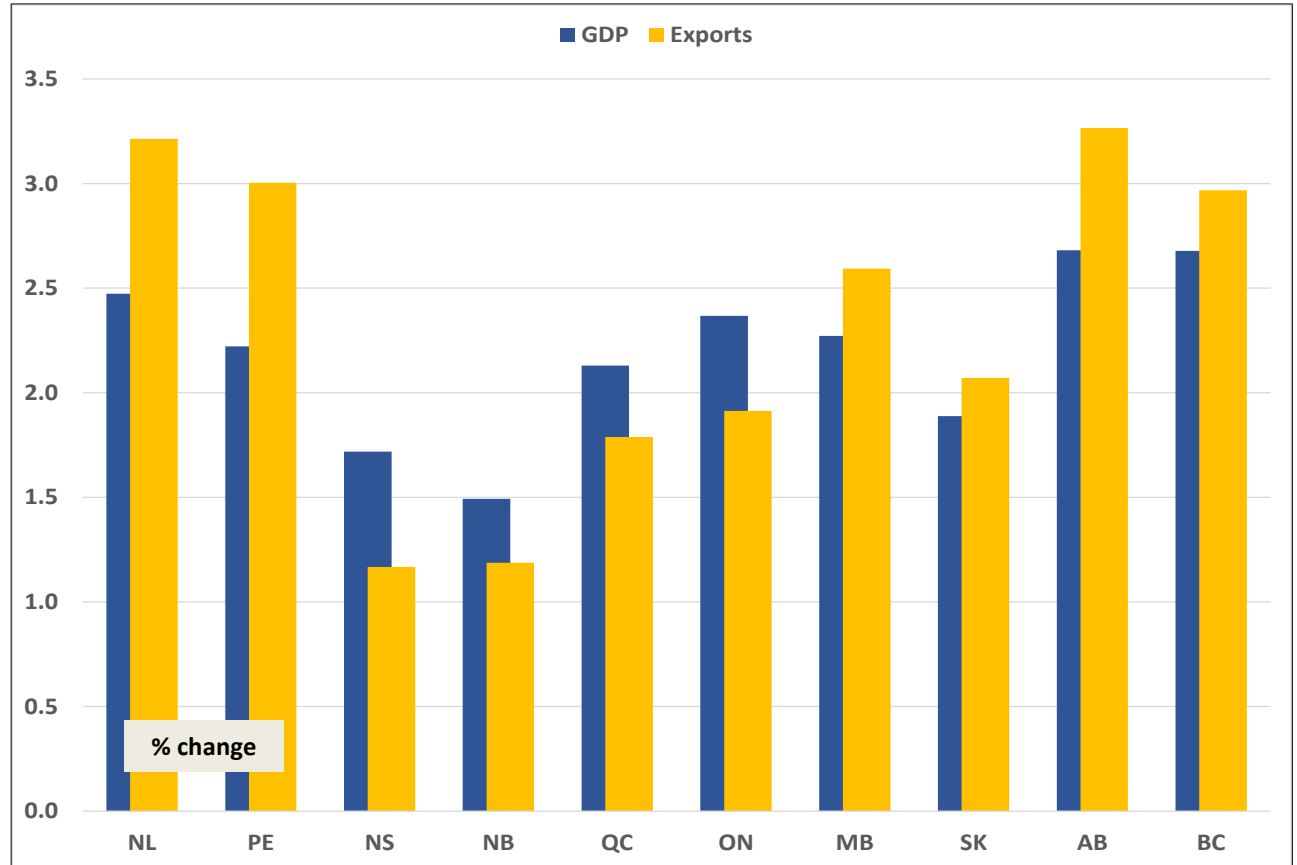
The mix of exported products has fluctuated over time

Motor vehicles significantly reduced in importance



GDP and Exports by Province Average Annual Growth Rates 1997 to 2019

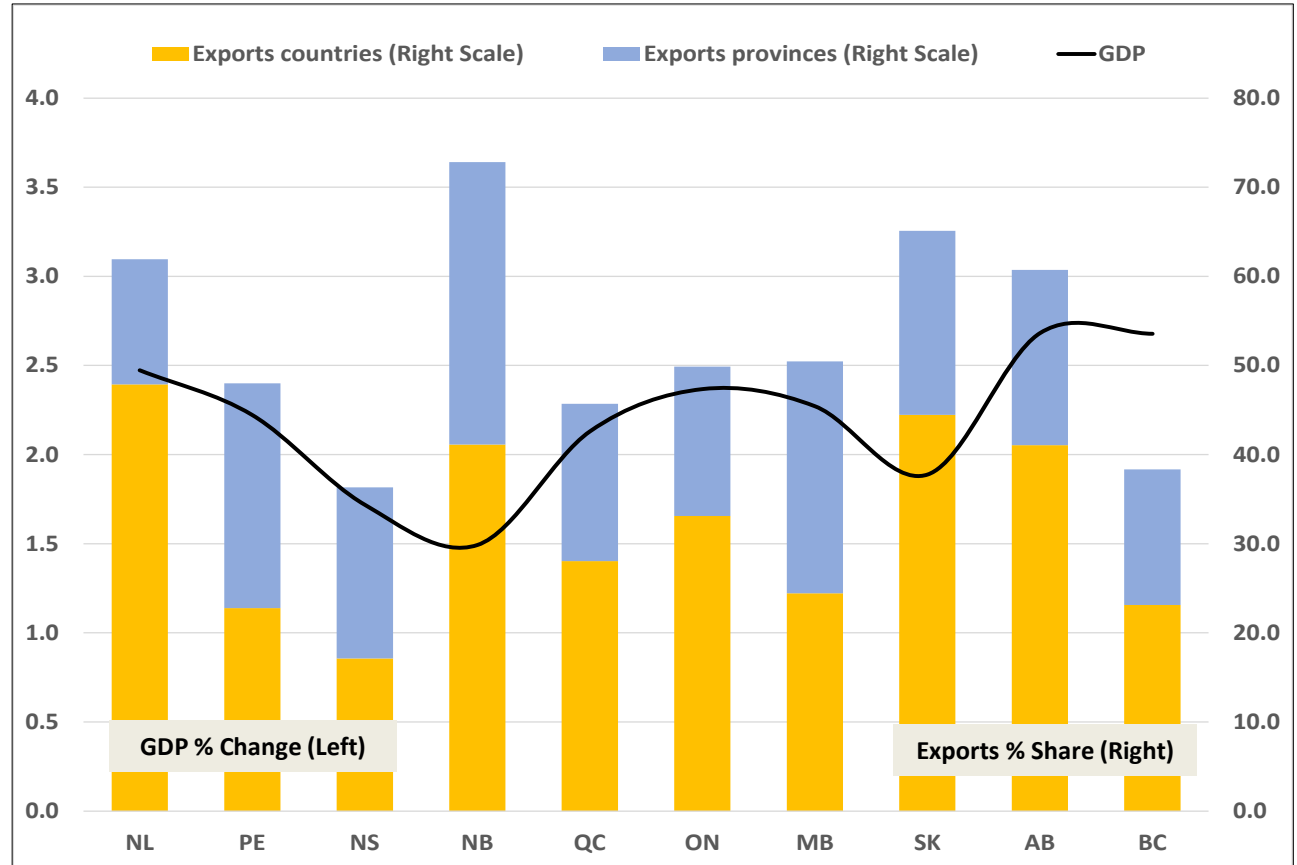
average annual
growth rates (%)
1997 to 2019
by province



GDP Growth and Exports Share of GDP by Province 1997 to 2019

GDP growth rates (%)
1997 to 2019
by province
(black line)
(left scale)

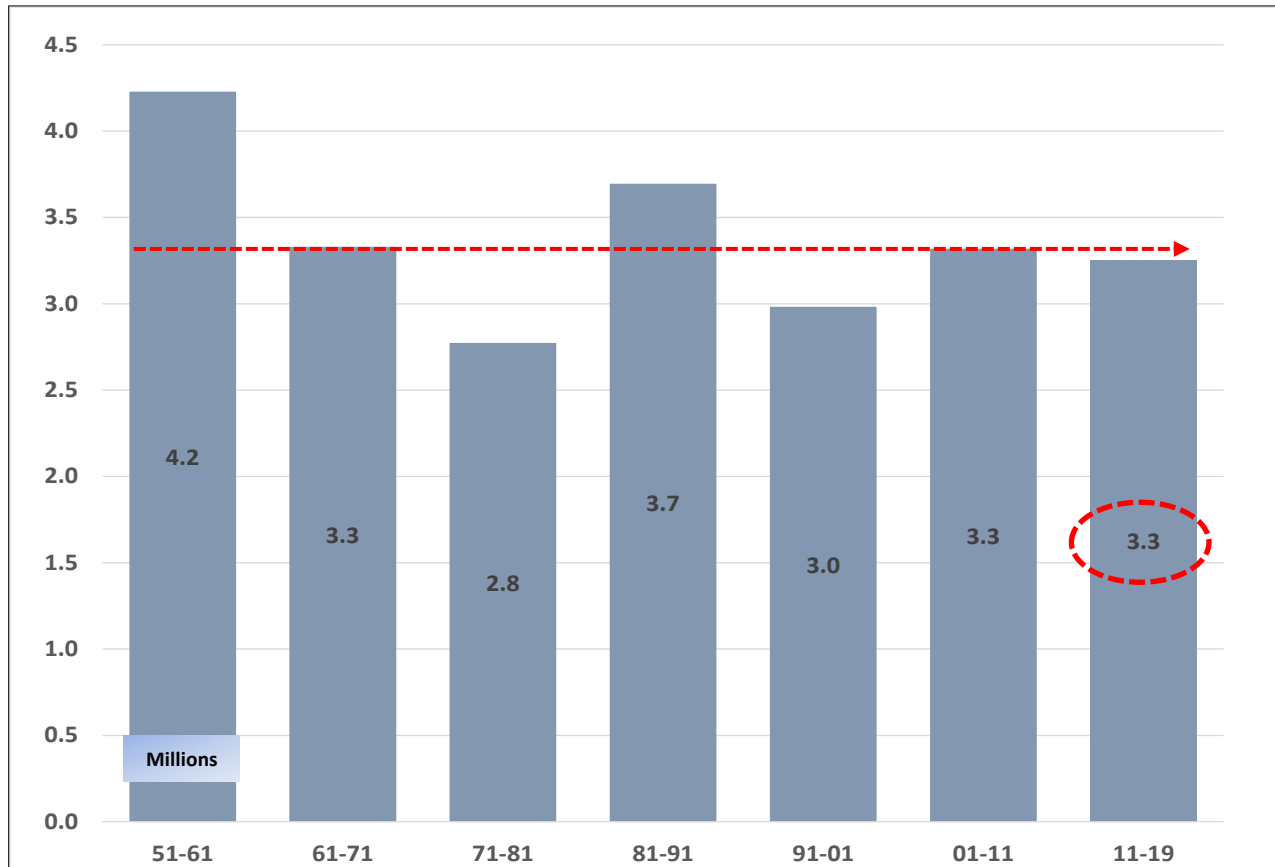
Export share of GDP (%)
In 2019
by province
(gold-blue bars)
(right scale)



Population Growth by Decade from 1951 to 2019

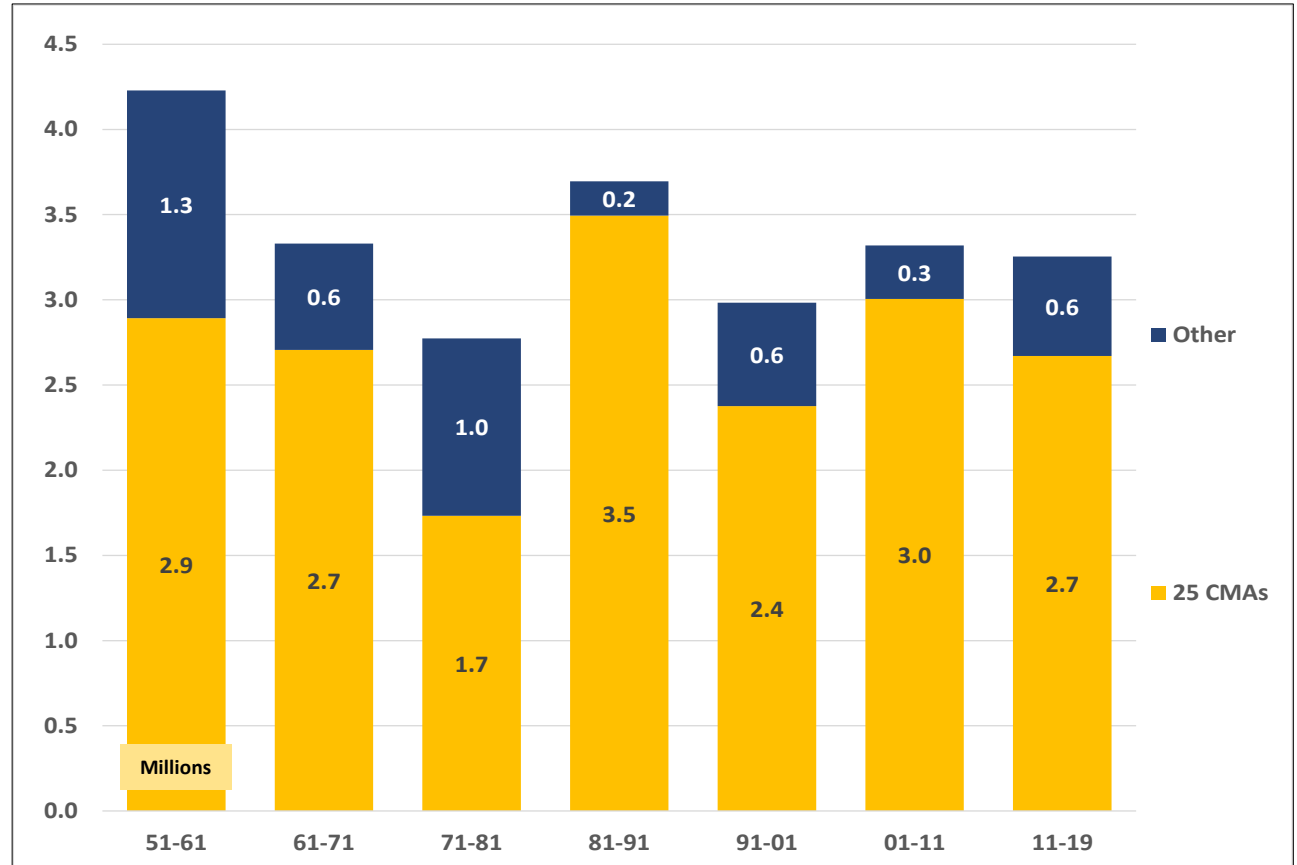
Canada's population grew by an average of 3.3 million per decade from 1951 to now

The 2011 to 2021 gain is likely to exceed 4.0 million



Population Growth by Decade 1951 to 2019: CMAs and Other

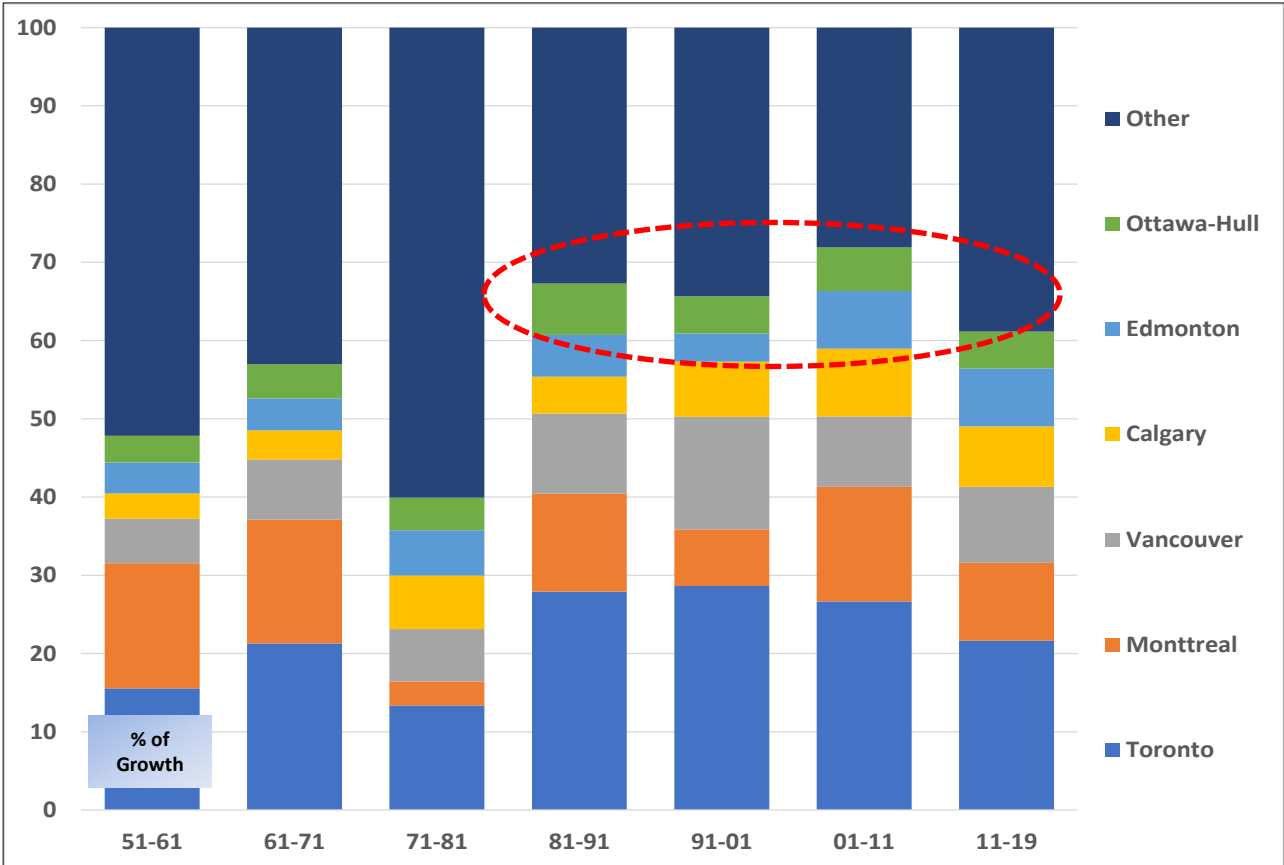
Canada's 25 most populated CMAs accounted for 87 percent of its population growth since 1981



Population Growth by Decade 1951 to 2019: The Six Most Populated CMAs

Canada's six most populated CMAs accounted for 66 percent of its population growth since 1981

percent share of total Canadian population growth



Canada's Population by Size of CMA 1991 to 2019 by Decade

| | # | Number in 000s | | | | Change in 000s | | | | AA%C |
|---------------------------|----|----------------|--------|--------|--------|----------------|-------|-------|-------|-------|
| | | 1991 | 2001 | 2011 | 2019 | 91-01 | 01-11 | 11-19 | 91-19 | 91-19 |
| Canada | 33 | 28,037 | 31,021 | 34,339 | 38,001 | 2,983 | 3,319 | 3,662 | 9,964 | 1.1 |
| 1 Million + | 6 | 11,550 | 13,509 | 15,895 | 17,885 | 1,959 | 2,386 | 1,990 | 6,335 | 1.6 |
| 500 thousand to 1 million | 5 | 2,731 | 2,957 | 3,267 | 3,593 | 226 | 311 | 326 | 862 | 1.0 |
| 250 to 500 thousand | 7 | 1,944 | 2,143 | 2,342 | 2,639 | 199 | 199 | 296 | 695 | 1.1 |
| 100 to 250 thousand | 15 | 2,022 | 2,160 | 2,416 | 2,620 | 138 | 256 | 205 | 599 | 0.9 |
| Other Canada | | 9,791 | 10,253 | 10,419 | 11,264 | 461 | 167 | 845 | 1,473 | 0.5 |

**70 percent now live in CMAs of 100,000+
up from 65 percent in 1991**

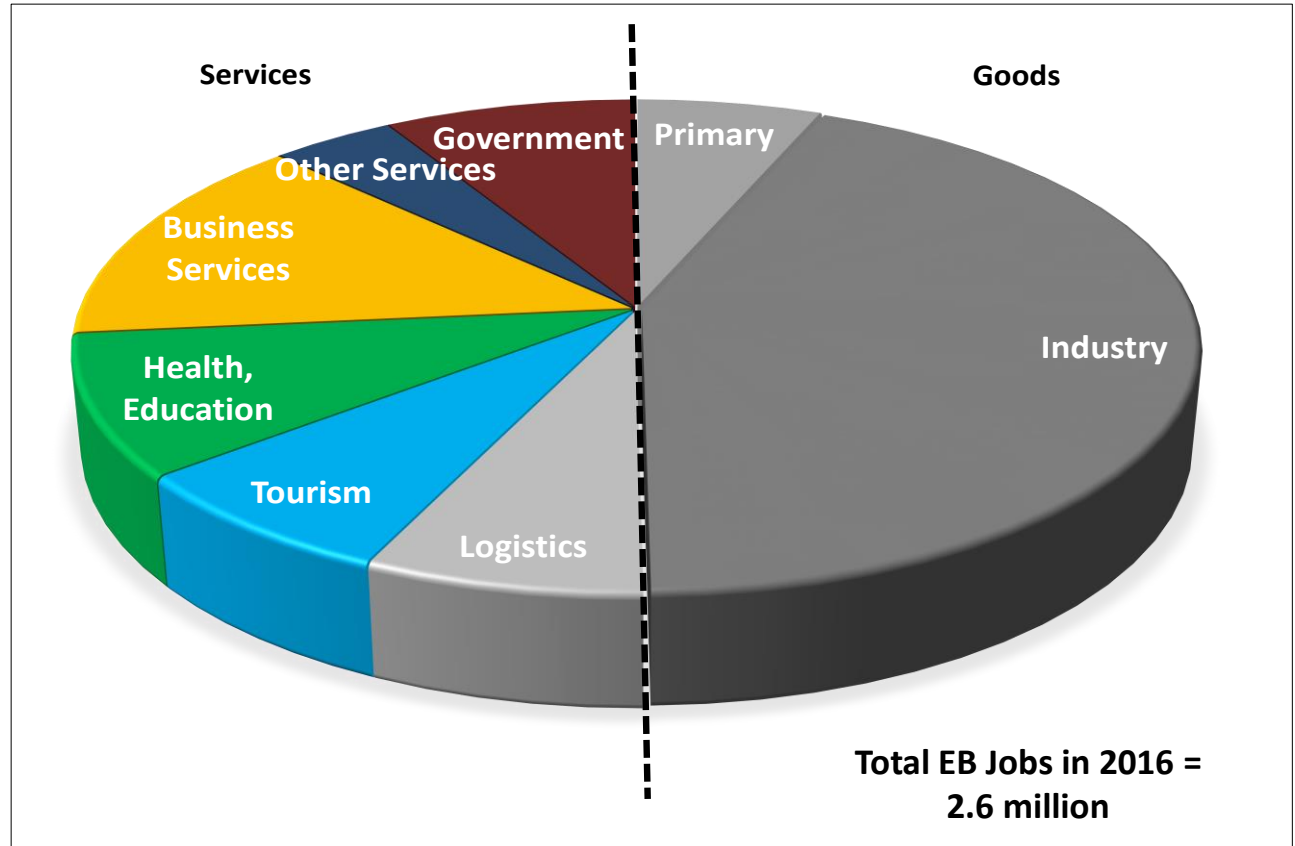
CMA Economic Base Jobs by Major Sector 2016

Canada
Employed
Place-of-Work

Total
16.6 million

Total in CMAs
11.2 million

Total EB in CMAs
2.6 million

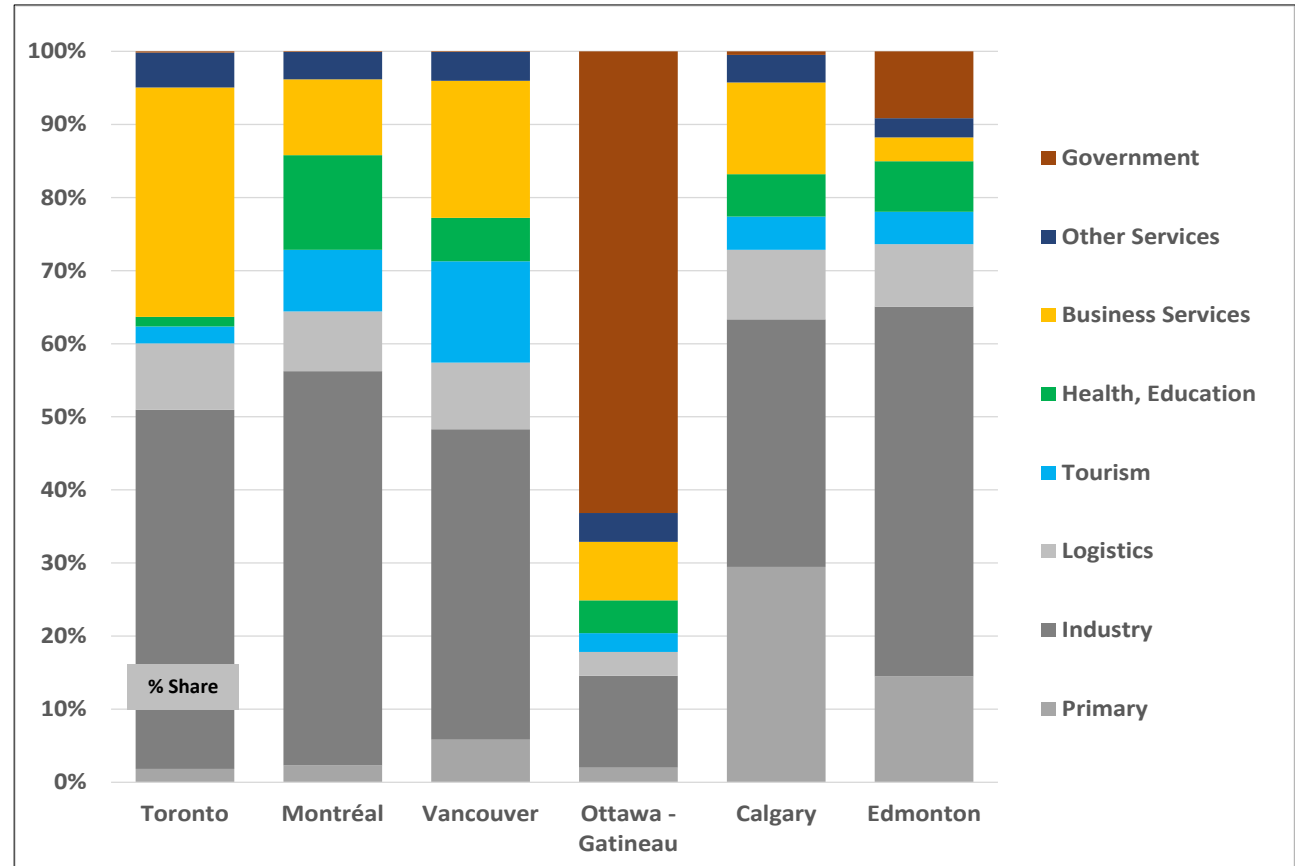


Top Six CMAs by Population: EB Jobs

Economic Base Jobs Canada's CMAs

1,000,000 +
population

percent share
of total EB jobs

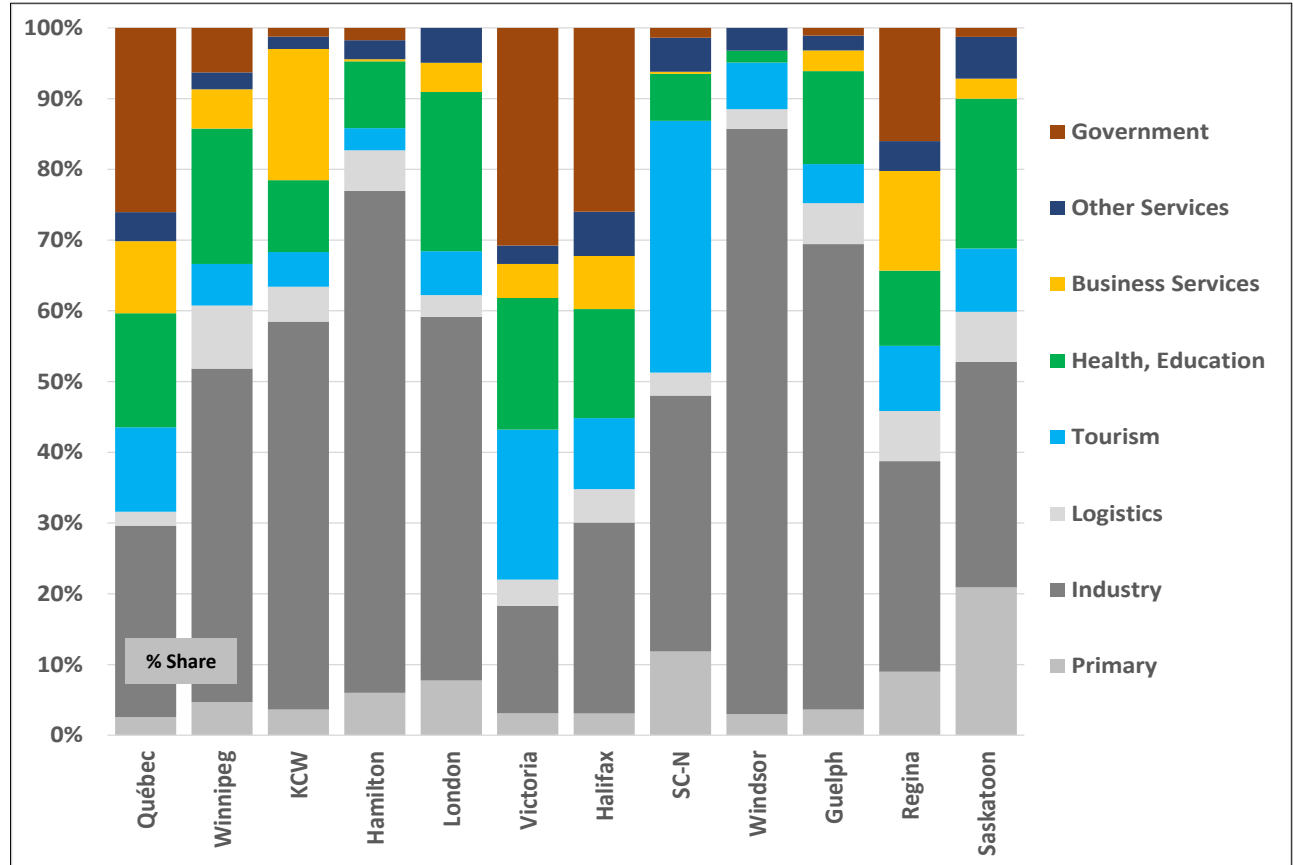


CMAs of 250 Thousand to 1 Million Population: EB Jobs

Economic Base Jobs Canada's CMAs

250,000 to
1,000,000

percent share
of total EB jobs

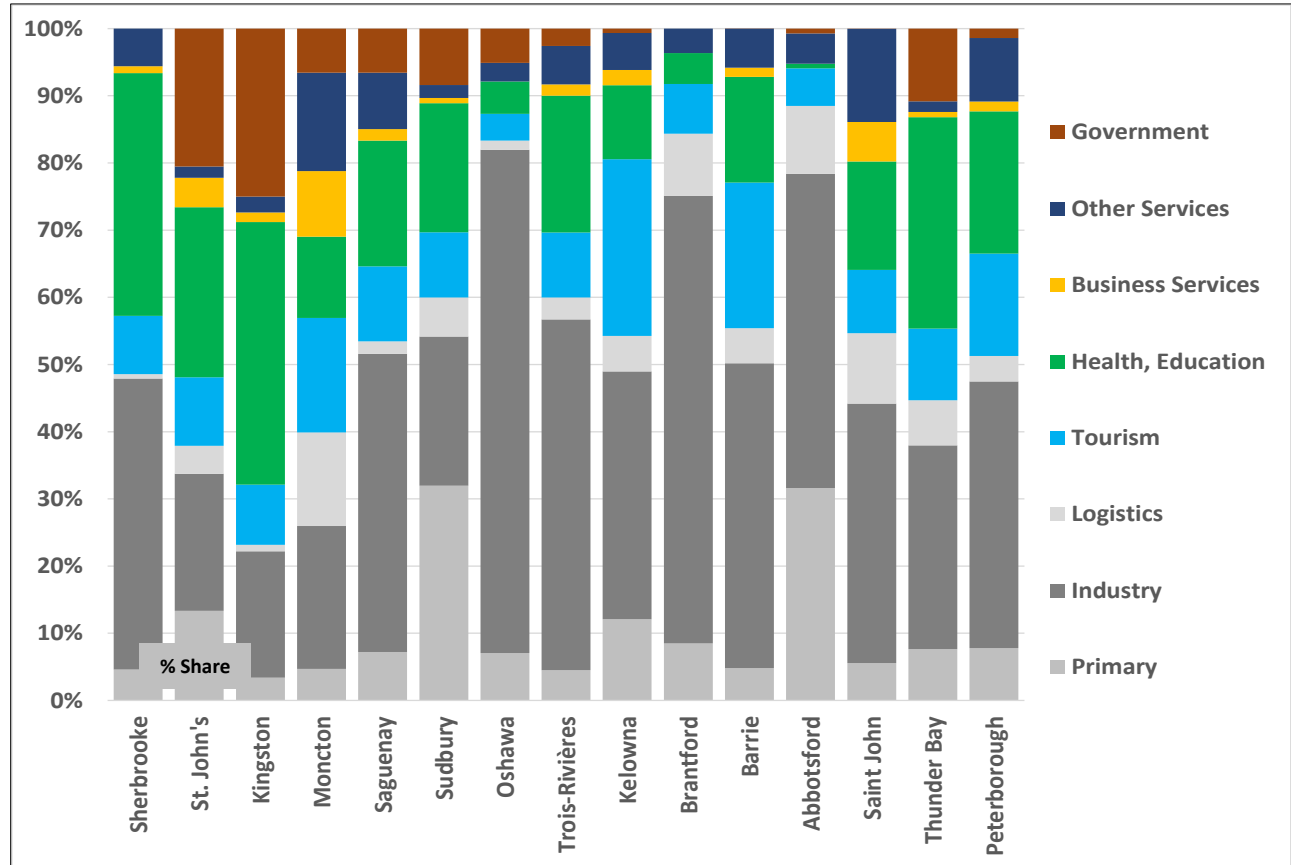


CMAs of 100 to 250 Thousand Population: EB Jobs

Economic Base Jobs Canada's CMAs

100,000 to
250,000

percent share
of total EB jobs



Canada's six most populated CMAs accounted for 61 percent of its population growth since 2011

Gains of 19,000 or more were achieved by the major CMAs of every province except in NL, NB and PEI and their CMAs accounted for most of their growth

The Golden Horseshoe's eight CMAs (shaded, plus Brantford, not listed) together accounted for 30 percent of Canada's population growth and 74 percent of Ontario's

Population Growth by CMA 2011 to 2019

| Census Metropolitan Areas | Change 11-19 | Change 11-19 |
|---------------------------|------------------|---------------------|
| Canada | 3,254,100 | 3,254,100 |
| Toronto | 703,800 | } 1,989,800 61 % |
| Montréal | 324,000 | |
| Vancouver | 316,700 | |
| Calgary | 250,800 | |
| Edmonton | 241,800 | |
| Ottawa - Gatineau | 152,700 | |
| Winnipeg | 98,800 | } 743,300 23 % |
| Kitchener- Waterloo | 71,700 | |
| Saskatoon | 58,900 | |
| London | 56,400 | |
| Hamilton | 52,800 | |
| Victoria | 50,200 | |
| Oshawa | 46,900 | |
| Québec | 46,500 | |
| Regina | 43,000 | } 521,000 16 % |
| Halifax | 38,300 | |
| Kelowna | 33,600 | |
| St. Catharines - Niagara | 32,300 | |
| Abbotsford - Mission | 27,600 | |
| Windsor | 26,600 | |
| Barrie | 21,000 | |
| Guelph | 19,600 | |
| Chilliwack | 19,100 | |
| All other | 521,000 | |

Canada Employment Growth by Industry 1997 to 2019 and 2021 to 2041

Job Growth by Industry

Projected vs History

Top 6 job creators

(dark green)

2021 to 2041

72 percent of growth

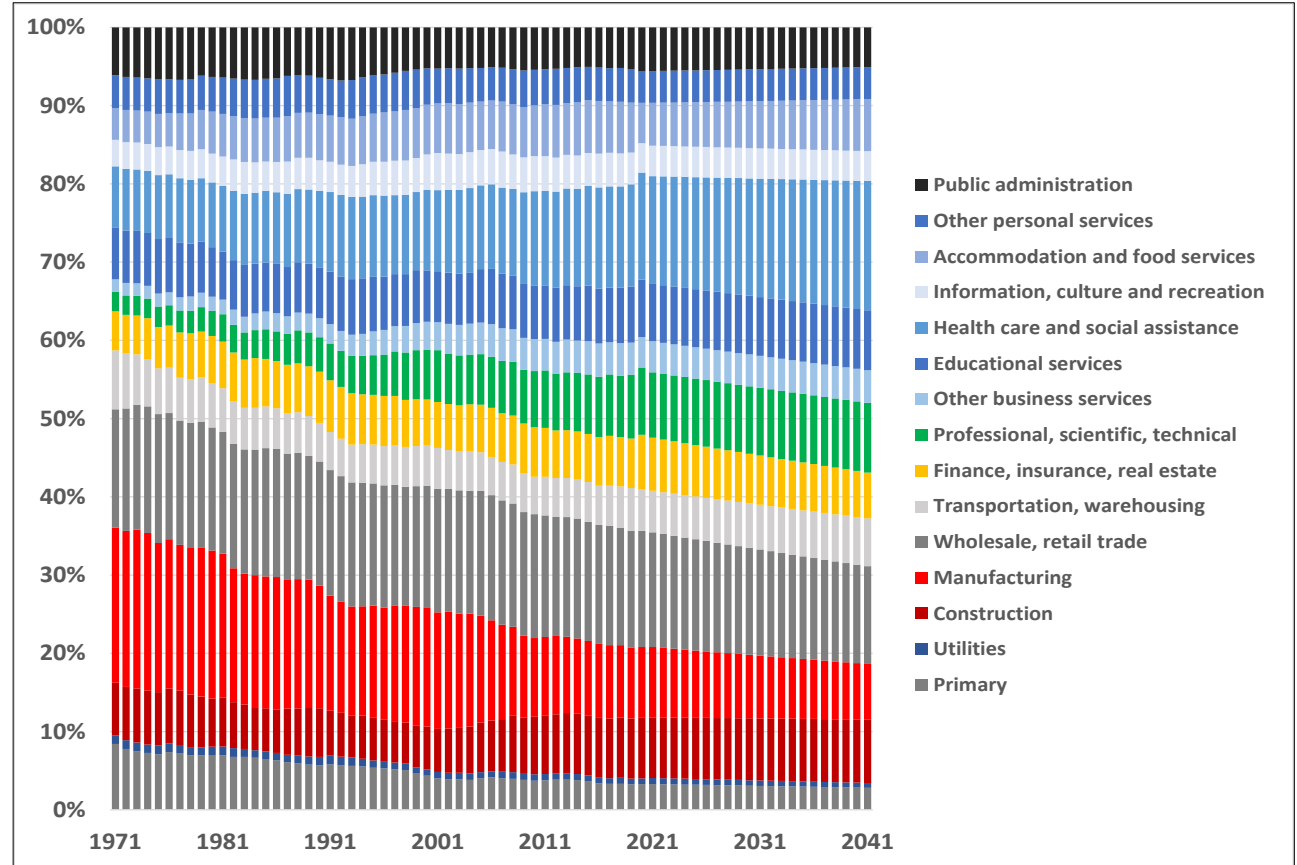
Swings (yellow) in
health, manufacturing,
transportation
and warehousing,
agriculture,
accommodation and food

| | Employed | Annual Change | | Change in |
|---|-------------------|----------------|----------------|--------------|
| | | 1997-19 | 2021-41 | Change |
| All industries | 19,442,000 | 245,700 | 255,500 | 9,800 |
| Agriculture, forestry, fishing and hunting | 388,700 | -7,600 | 1,900 | 9,500 |
| Mining, quarrying, and oil and gas extraction | 241,400 | 4,300 | 1,500 | -2,800 |
| Utilities | 131,400 | 1,100 | 100 | -1,000 |
| Construction | 1,477,200 | 30,800 | 22,200 | -8,600 |
| Manufacturing | 1,649,100 | -11,600 | 1,900 | 13,500 |
| Wholesale trade | 819,600 | 4,500 | -2,200 | -6,700 |
| Retail trade | 2,051,900 | 24,600 | 15,300 | -9,300 |
| Transportation and warehousing | 921,900 | 11,700 | 22,100 | 10,400 |
| Information and cultural industries | 377,000 | 5,100 | 2,500 | -2,600 |
| Finance and insurance | 975,000 | 9,900 | 0 | -9,900 |
| Real estate and rental and leasing | 403,100 | 7,800 | 7,100 | -700 |
| Professional, scientific and technical services | 1,325,600 | 31,400 | 26,600 | -4,800 |
| Other business services | 1,122,900 | 20,800 | 13,000 | -7,800 |
| Educational services | 1,467,400 | 21,400 | 24,300 | 2,900 |
| Health care and social assistance | 2,212,900 | 37,500 | 62,300 | 24,800 |
| Arts, entertainment and recreation | 378,900 | 7,700 | 6,600 | -1,100 |
| Accommodation and food services | 1,369,400 | 21,000 | 28,400 | 7,400 |
| Other personal services | 946,800 | 11,400 | 11,200 | -200 |
| Public administration | 1,182,000 | 13,900 | 10,700 | -3,200 |

Canada Employment by Industry 1971 to 2041

Growth Rates by Industry 1971 to 2041

| Industry | AA%C |
|-------------------------------------|------|
| All industries | 1.5 |
| Public administration | 1.3 |
| Other personal services | 1.5 |
| Accommodation and food services | 2.3 |
| Information, culture and recreation | 1.7 |
| Health care and social assistance | 2.6 |
| Educational services | 1.7 |
| Other business services | 3.0 |
| Professional, scientific, technical | 3.4 |
| Finance, insurance, real estate | 1.8 |
| Transportation, warehousing | 1.2 |
| Wholesale, retail trade | 1.3 |
| Manufacturing | 0.1 |
| Construction | 1.8 |
| Utilities | 0.7 |
| Primary | 0.0 |



Canada Job Growth by Occupation 2021 to 2026

Job Growth by Occupation

The top 20 of 500 occupations account for one-third of Canada's future requirements

| Rank | NOC# | Occupation | Change |
|------------------------|------|--|------------------|
| All occupations | | | 1,655,660 |
| Top 20 | | | 572,490 |
| 1 | 6711 | Food counter attendants, kitchen helpers and related support occupations | 49,860 |
| 2 | 7511 | Transport truck drivers | 41,180 |
| 3 | 3012 | Registered nurses and registered psychiatric nurses | 40,100 |
| 4 | 4032 | Elementary school and kindergarten teachers | 38,660 |
| 5 | 6421 | Retail salespersons | 37,600 |
| 6 | 3413 | Nurse aides, orderlies and patient service associates | 32,600 |
| 7 | 4214 | Early childhood educators and assistants | 30,000 |
| 8 | 6731 | Light duty cleaners | 29,240 |
| 9 | 6513 | Food and beverage servers | 29,160 |
| 10 | 6322 | Cooks | 28,630 |
| 11 | 6733 | Janitors, caretakers and building superintendents | 24,080 |
| 12 | 6232 | Real estate agents and salespersons | 23,850 |
| 13 | 1221 | Administrative officers | 23,310 |
| 14 | 621 | Retail and wholesale trade managers | 22,200 |
| 15 | 4031 | Secondary school teachers | 21,930 |
| 16 | 6611 | Cashiers | 21,300 |
| 17 | 1411 | General office support workers | 20,560 |
| 18 | 1414 | Receptionists | 20,150 |
| 19 | 1241 | Administrative assistants | 19,790 |
| 20 | 631 | Restaurant and food service managers | 18,290 |

Canada Population by 33 CMAs: 2001 to 2021 and 2021 to 2041
000s of Persons

| CMA | Level | | | Change | | CMA | Level | | | Change | |
|--------------------------|---------------|---------------|---------------|--------------|---------------|-------------------------|---------------|---------------|---------------|--------------|--------------|
| | 2001 | 2021 | 2041 | 01-21 | 21-41 | | 2001 | 2021 | 2041 | 01-21 | 21-41 |
| Canada | 31,021 | 38,444 | 48,825 | 7,424 | 10,381 | CMAs Total | 20,849 | 27,404 | 36,376 | 6,555 | 8,973 |
| Toronto | 4,890 | 6,616 | 8,816 | 1,726 | 2,201 | Regina | 198 | 271 | 352 | 73 | 81 |
| Montréal | 3,534 | 4,407 | 5,476 | 873 | 1,069 | Windsor | 321 | 360 | 440 | 39 | 80 |
| Vancouver | 2,074 | 2,759 | 3,754 | 685 | 995 | Barrie | 165 | 222 | 300 | 57 | 78 |
| Calgary | 975 | 1,587 | 2,424 | 612 | 837 | Guelph | 124 | 171 | 234 | 47 | 64 |
| Edmonton | 964 | 1,516 | 2,319 | 552 | 804 | Sherbrooke | 180 | 226 | 278 | 46 | 52 |
| Ottawa - Gatineau | 1,109 | 1,472 | 1,966 | 364 | 494 | Brantford | 128 | 153 | 195 | 25 | 42 |
| Hamilton | 680 | 828 | 1,125 | 147 | 297 | Moncton | 123 | 159 | 201 | 36 | 42 |
| Oshawa | 311 | 434 | 696 | 123 | 262 | St. John's | 180 | 216 | 256 | 35 | 40 |
| Kitchener - Waterloo | 431 | 596 | 817 | 165 | 221 | Peterborough | 115 | 135 | 174 | 20 | 40 |
| London | 457 | 557 | 734 | 100 | 177 | Kingston | 153 | 177 | 208 | 24 | 31 |
| Québec | 701 | 841 | 1,005 | 139 | 164 | Trois-Rivières | 141 | 162 | 183 | 21 | 21 |
| Victoria | 325 | 413 | 573 | 88 | 160 | Greater Sudbury | 162 | 174 | 191 | 13 | 17 |
| Saskatoon | 233 | 344 | 471 | 111 | 128 | Saguenay | 157 | 164 | 172 | 7 | 8 |
| Winnipeg | 696 | 860 | 988 | 165 | 128 | Thunder Bay | 130 | 127 | 132 | -3 | 5 |
| Kelowna | 154 | 226 | 348 | 72 | 122 | Saint John | 126 | 131 | 133 | 5 | 1 |
| St. Catharines - Niagara | 390 | 444 | 561 | 54 | 117 | | | | | | |
| Halifax | 369 | 450 | 553 | 81 | 103 | | | | | | |
| Abbotsford - Mission | 153 | 208 | 299 | 54 | 91 | Golden Horseshoe | 7,119 | 9,462 | 12,745 | 2,343 | 3,283 |

Population US and Canada Metro Areas 1991 to 2019 (000s)

| Level Rank | | | 1991 | 2019 | Change | Change Rank |
|------------|-------------------------------------|-------------|--------|--------|--------|-------------|
| 1 | New York-Newark-Jersey City | NY-NJ-PA | 17,055 | 19,216 | 2,161 | 6 |
| 2 | Los Angeles-Long Beach-Anaheim | CA | 11,437 | 13,215 | 1,778 | 10 |
| 3 | Chicago-Naperville-Elgin | IL-IN-WI | 8,303 | 9,459 | 1,155 | 14 |
| 4 | Golden Horseshoe | ON | 5,999 | 9,229 | 3,230 | 2 |
| 5 | Dallas-Fort Worth-Arlington | TX | 4,129 | 7,573 | 3,444 | 1 |
| 6 | Houston-The Woodlands-Sugar Land | TX | 3,880 | 7,066 | 3,186 | 3 |
| 7 | Washington-Arlington-Alexandria | DC-VA-MD-WV | 4,269 | 6,280 | 2,012 | 7 |
| 8 | Miami-Fort Lauderdale-Pompano Beach | FL | 4,187 | 6,166 | 1,980 | 8 |
| 9 | Philadelphia-Camden-Wilmington | PA-NJ-DE-MD | 5,484 | 6,102 | 619 | 22 |
| 10 | Atlanta-Sandy Springs-Alpharetta | GA | 3,216 | 6,020 | 2,805 | 4 |
| 11 | Phoenix-Mesa-Chandler | AZ | 2,350 | 4,948 | 2,598 | 5 |
| 12 | Boston-Cambridge-Newton | MA-NH | 4,179 | 4,873 | 694 | 21 |
| 13 | San Francisco-Oakland-Berkeley | CA | 3,770 | 4,732 | 962 | 19 |
| 14 | Riverside-San Bernardino-Ontario | CA | 2,708 | 4,651 | 1,943 | 9 |
| 15 | Detroit-Warren-Dearborn | MI | 4,278 | 4,320 | 42 | 25 |
| 16 | Montréal | QC | 3,291 | 4,319 | 1,027 | 17 |
| 17 | Seattle-Tacoma-Bellevue | WA | 2,632 | 3,980 | 1,348 | 11 |
| 18 | Minneapolis-St Paul-Bloomington | MN-WI | 2,638 | 3,640 | 1,002 | 18 |
| 19 | San Diego-Chula Vista-Carlsbad | CA | 2,554 | 3,338 | 784 | 20 |
| 20 | Tampa-St Petersburg-Clearwater | FL | 2,117 | 3,195 | 1,078 | 15 |
| 21 | Denver-Aurora-Lakewood | CO | 1,730 | 2,967 | 1,237 | 13 |
| 22 | St Louis | MO-IL | 2,582 | 2,803 | 221 | 24 |
| 23 | Baltimore-Columbia-Towson | MD | 2,417 | 2,800 | 383 | 23 |
| 24 | Vancouver | BC | 1,647 | 2,691 | 1,044 | 16 |
| 25 | Charlotte-Concord-Gastonia | NC-SC | 1,355 | 2,637 | 1,282 | 12 |

Top 25 MAs in 2019 US and Canada

Population 2019 Ranks

Golden Horseshoe 4
Montreal 16
Vancouver 24

Growth 91-19 Ranks

Golden Horseshoe 2
Montreal 17
Vancouver 16



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