



Employment Forecasts for Alberta – Update

Alberta Career Development Conference 2019

April 30, 2019



The Future

“The most reliable way to forecast the future is to try to understand the present.”

John Naisbitt

Agenda

- Background to the future (aka the Past)
- Key economic issues that will affect future employment
- Industry growth
- Occupation forecasts

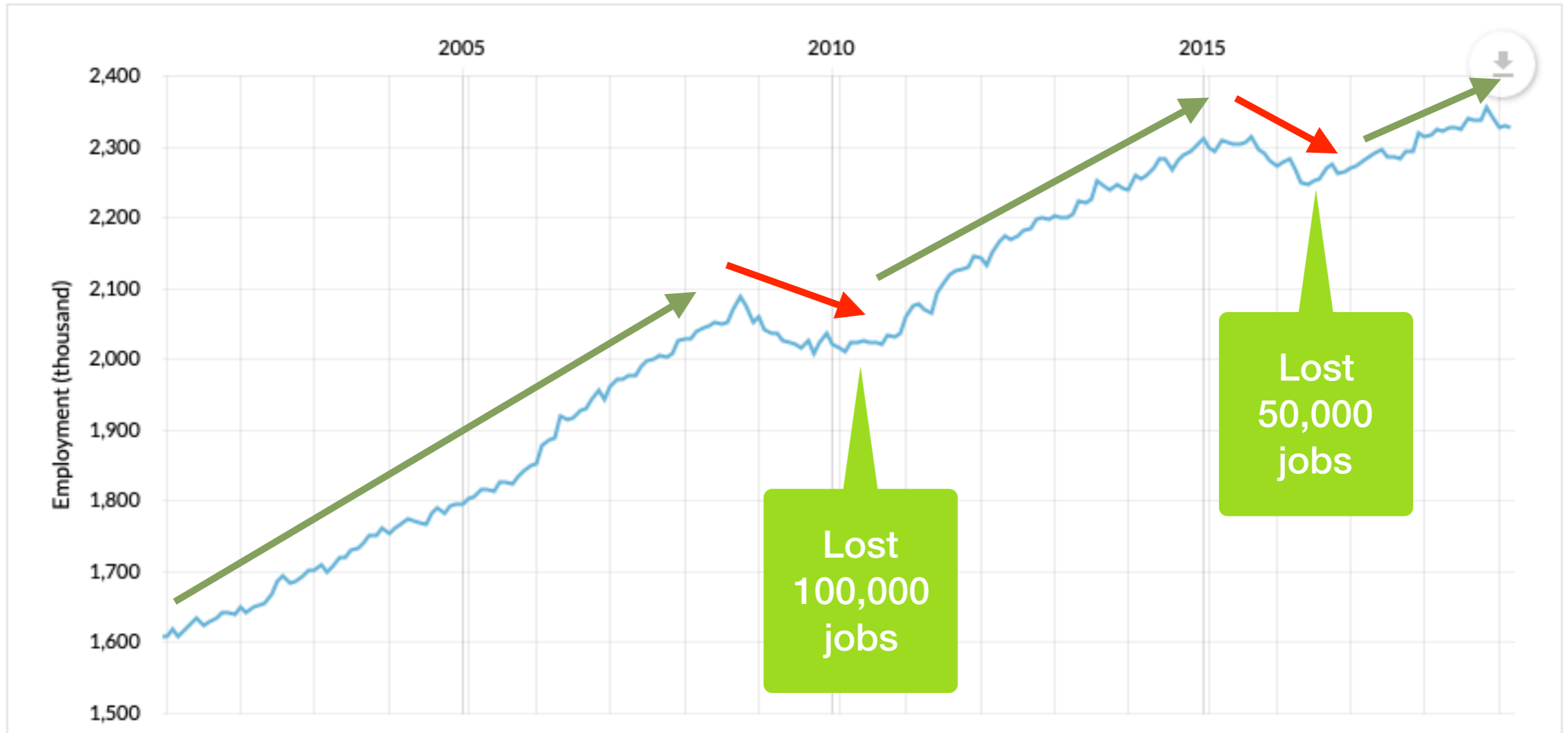


Alberta Employment

Significant cycles in the Alberta economy dramatically affect employment.

Jan 2001 to Mar 2019

1 year 5 year 10 year All available

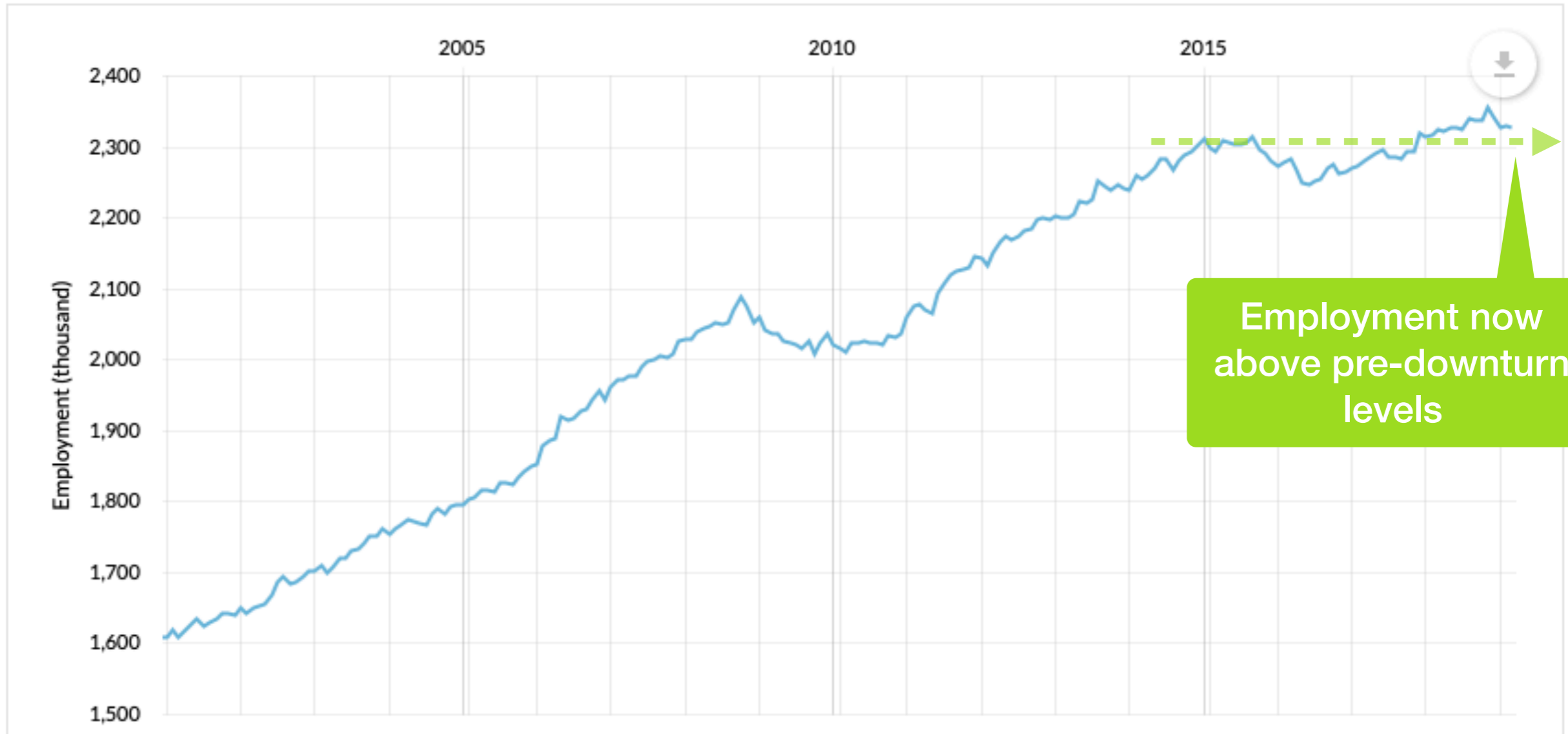


Alberta Employment

Employment is now above pre-downturn levels.

Jan 2001 to Mar 2019

1 year 5 year 10 year All available



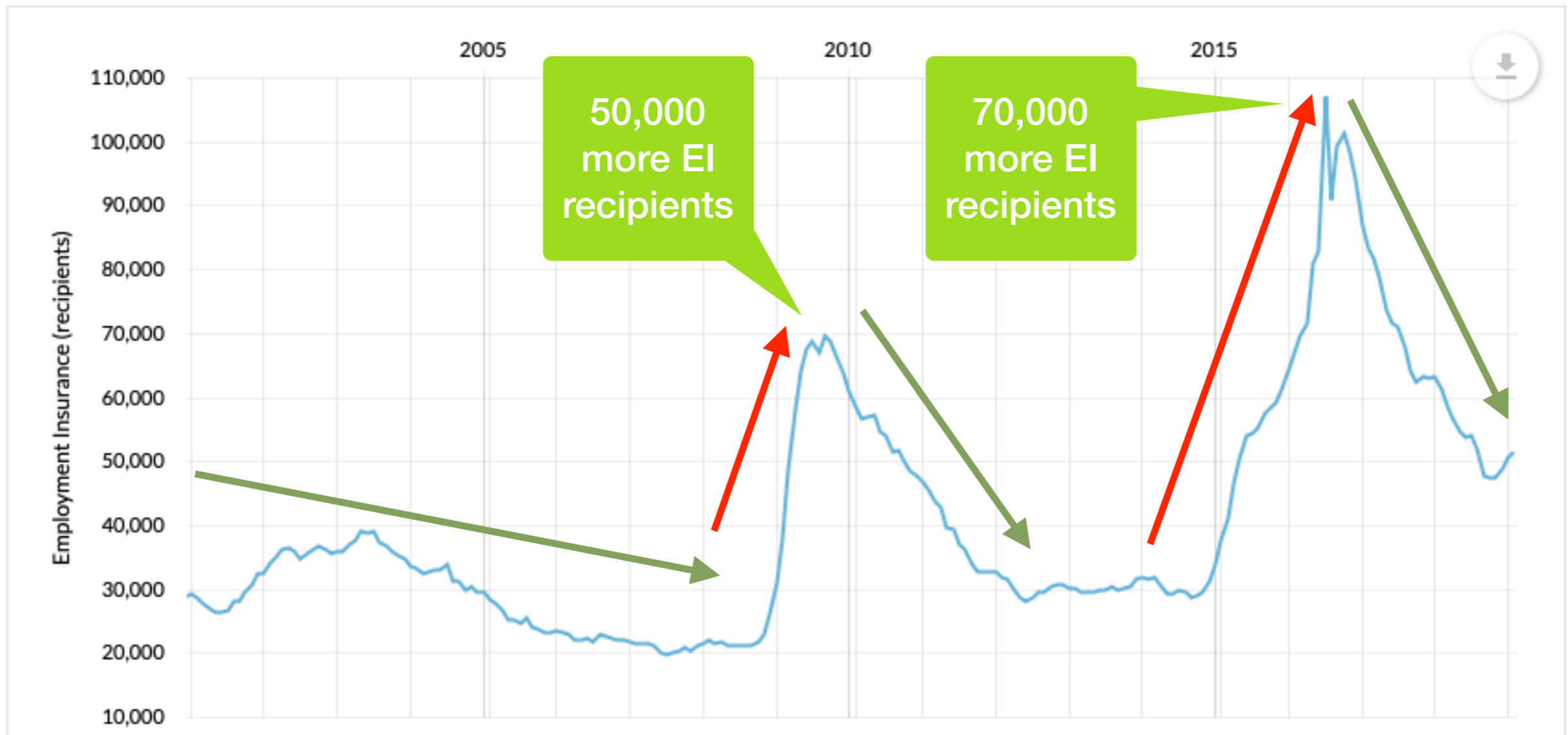
Employment now above pre-downturn levels

Employment Insurance Recipients

The number of EI recipients has increased dramatically with each major economic downturn.

Jan 2001 to Feb 2019

1 year 5 year 10 year All available

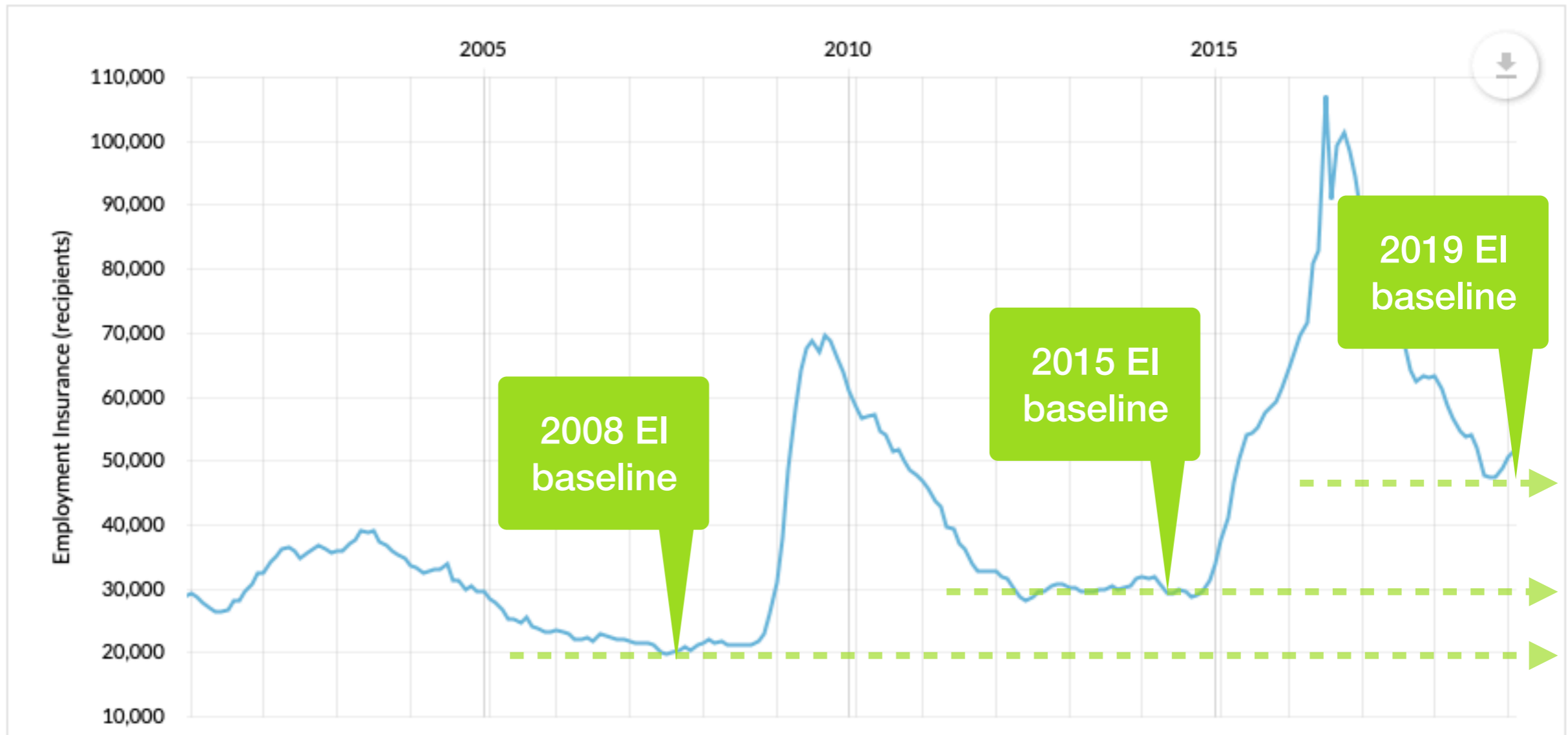


Employment Insurance Recipients

The baseline number of EI recipients has not returned to the 2008 level.

Jan 2001 to Feb 2019

1 year 5 year 10 year All available

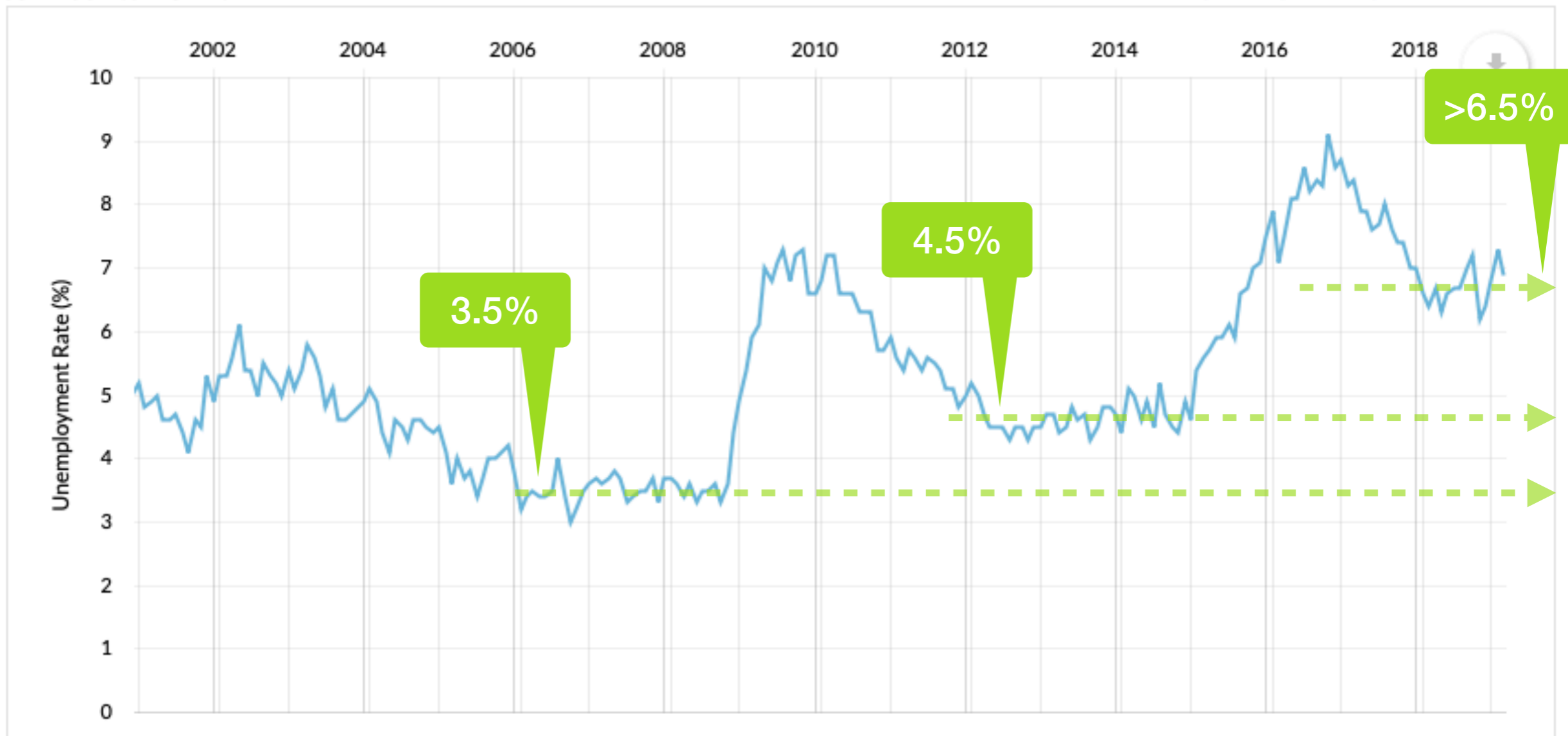


Unemployment Rate

Like Employment Insurance the Unemployment Rate has not returned to its pre 2009 level.

Jan 2001 to Mar 2019

1 year 5 year 10 year All available



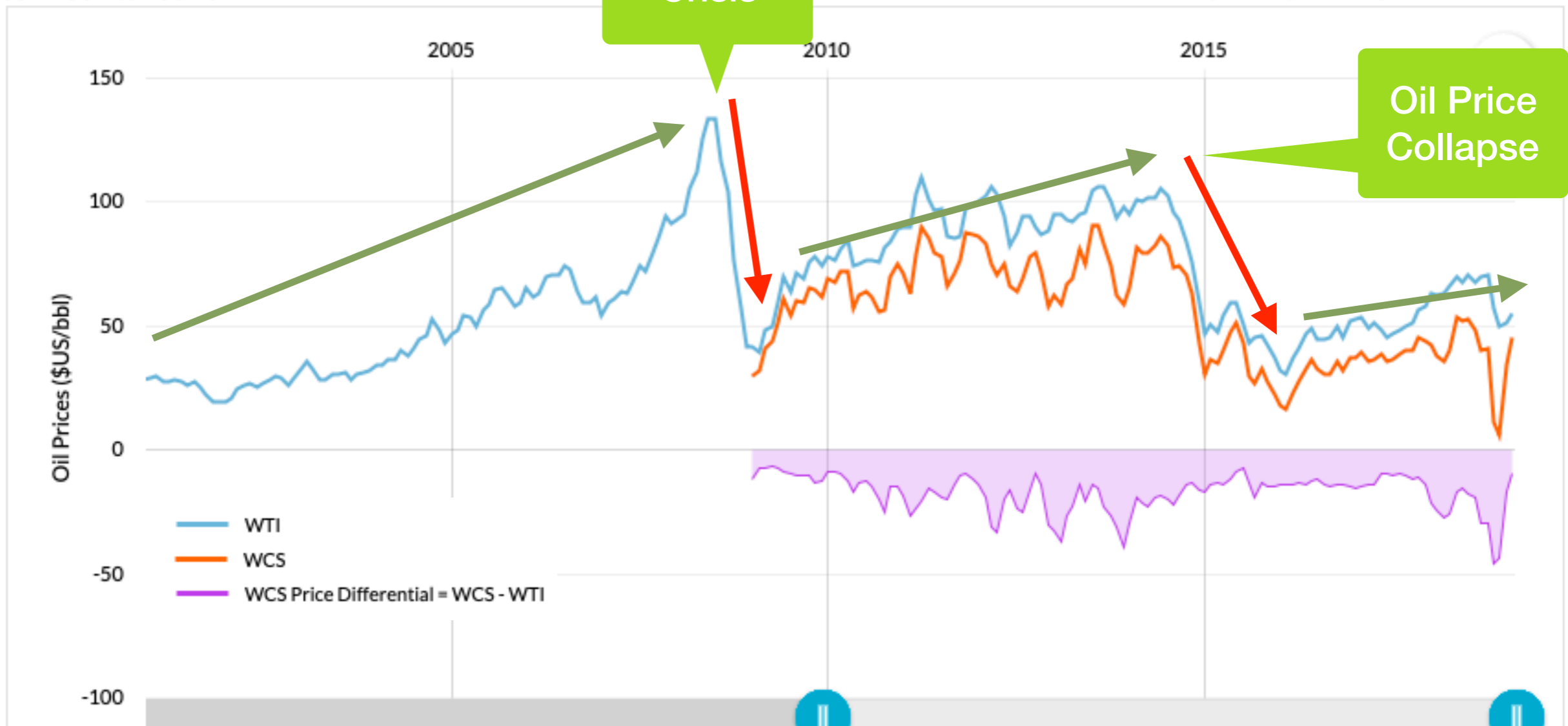
Financial Melt Down: 2008/09 which led to a drop in oil prices

Oil Price Collapse: 2014

Oil Prices

Jan 2001 to Feb 2019

1 year 5 year 10 year All available

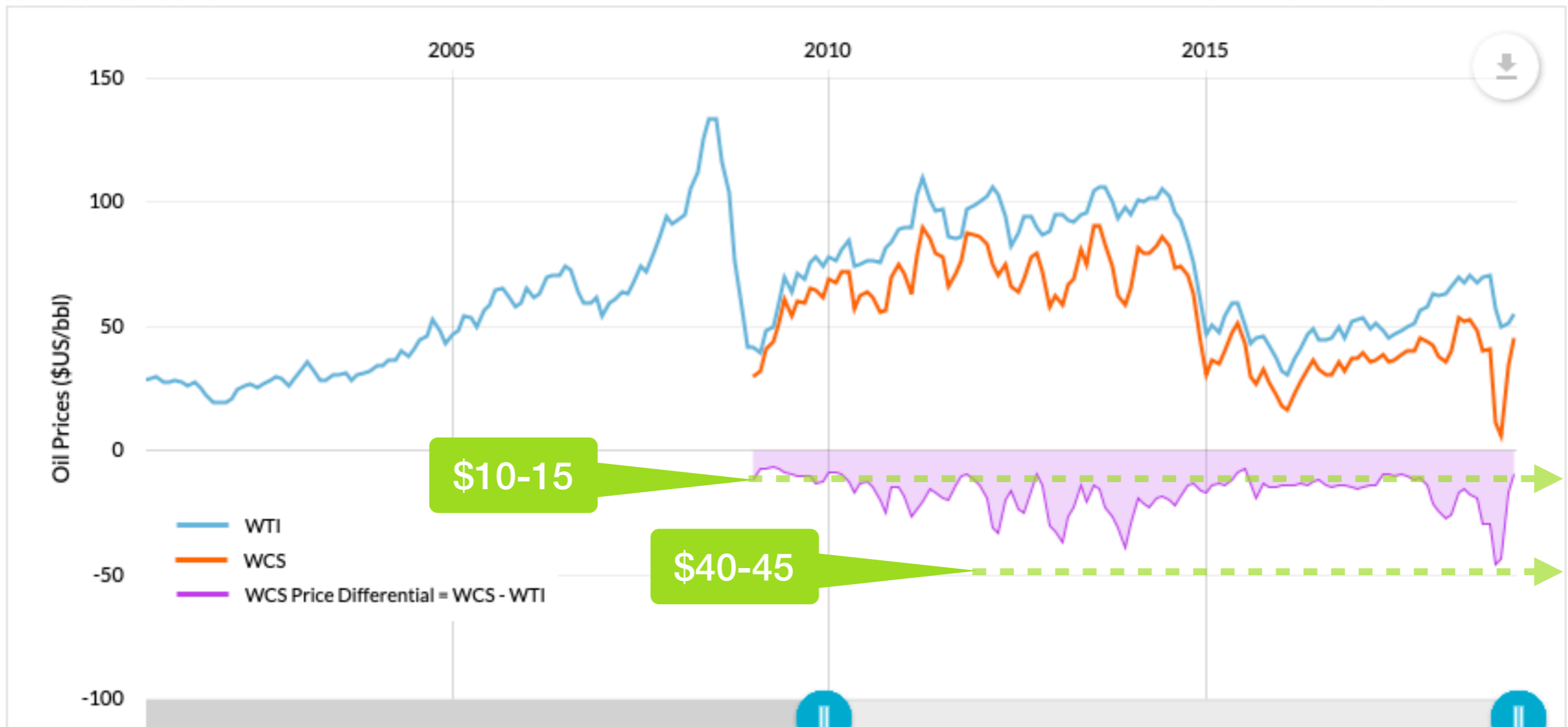


Oil Prices

The differential between world prices (WTI) and Alberta prices (WCS) has increased significantly.

Jan 2001 to Feb 2019

1 year 5 year 10 year All available

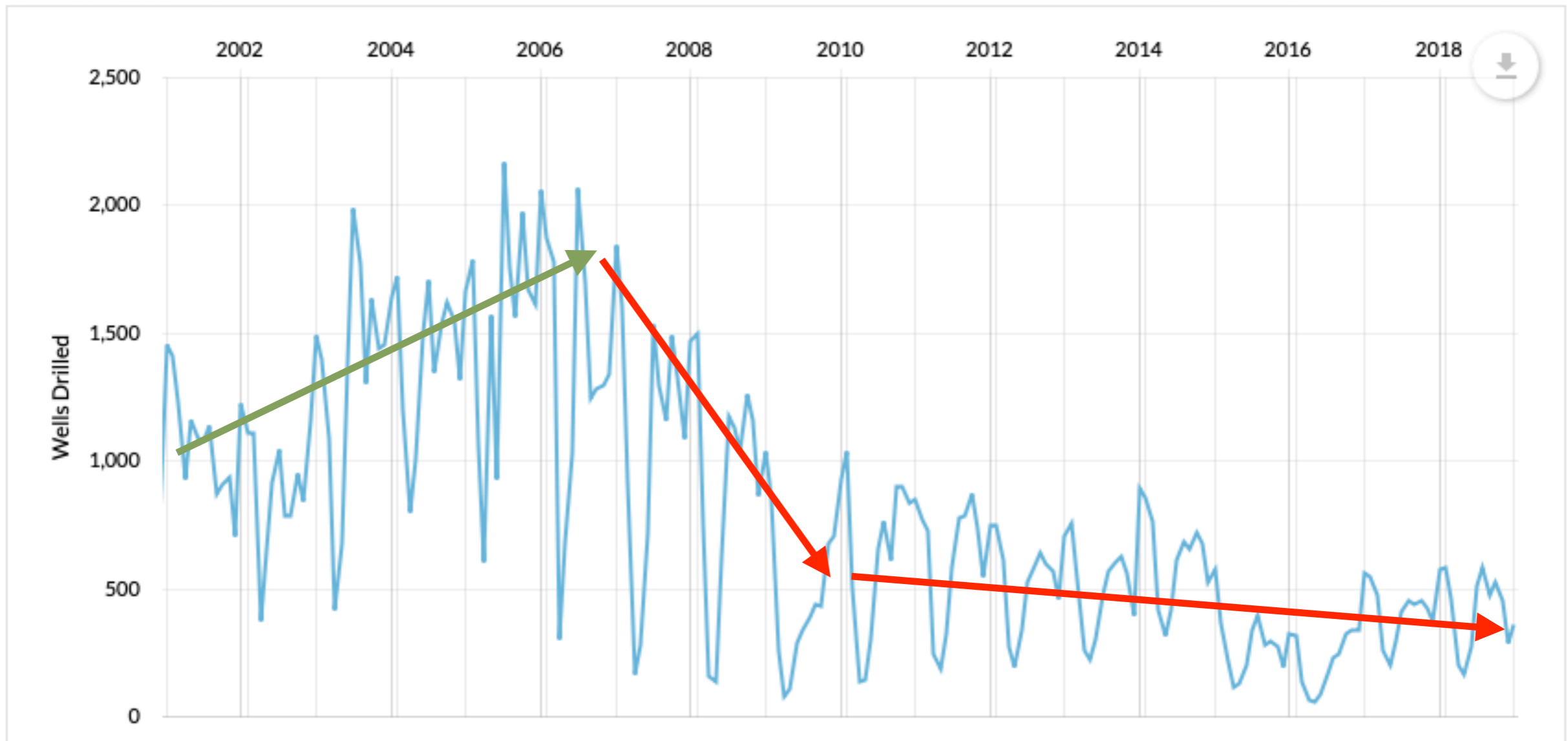


Wells Drilled

Oil and gas well drilling activity increased until 2007 and has been in general decline since.

Jan 2001 to Jan 2019

[1 year](#) [5 year](#) [10 year](#) [All available](#)

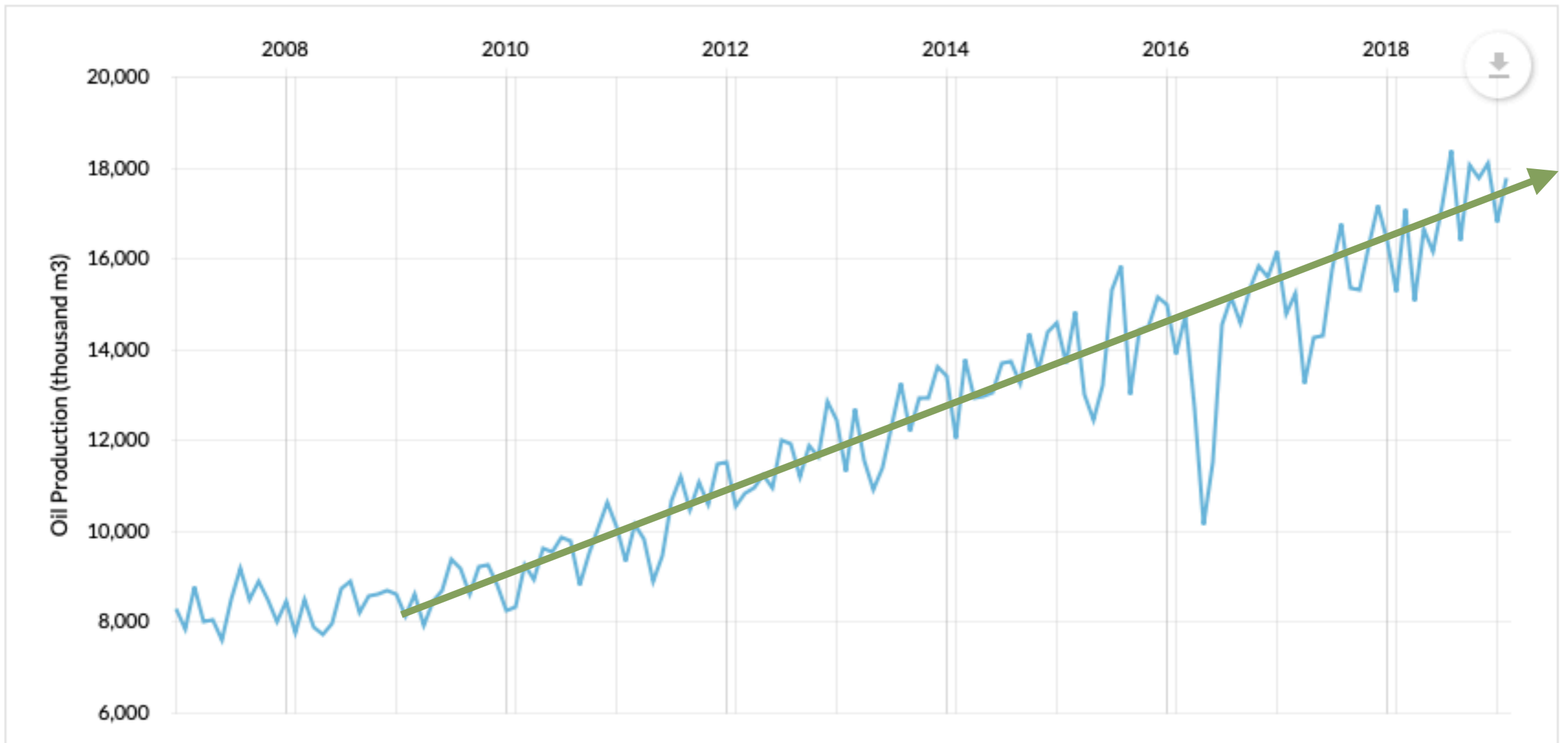


Alberta Oil Production

Alberta Oil Production has more than doubled since 2009.

Jan 2007 to Feb 2019

1 year 5 year 10 year **All available**

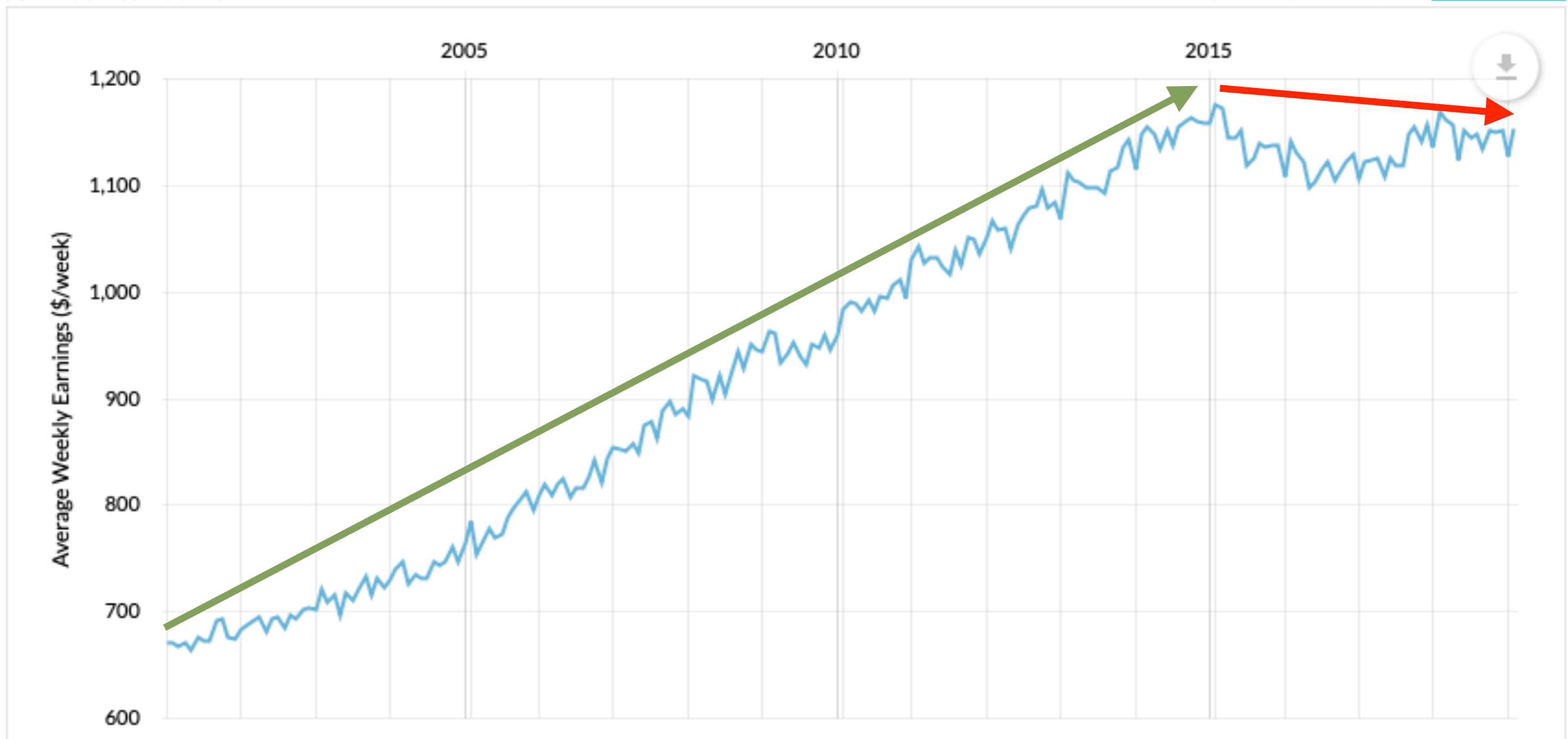


Average Weekly Earnings

Alberta Average weekly earnings increased 75% between 2001 and 2015.

Jan 2001 to Feb 2019

1 year 5 year 10 year All available

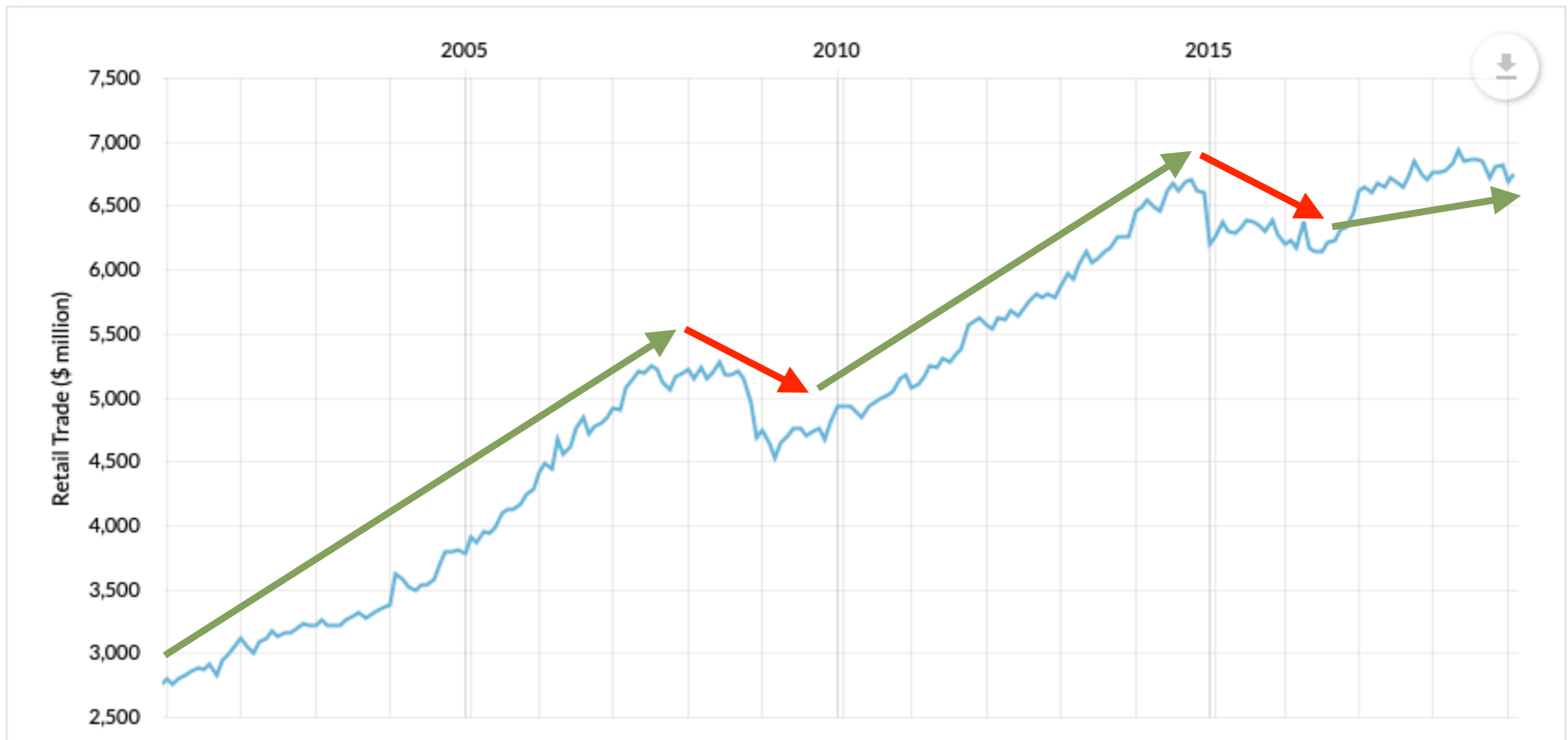


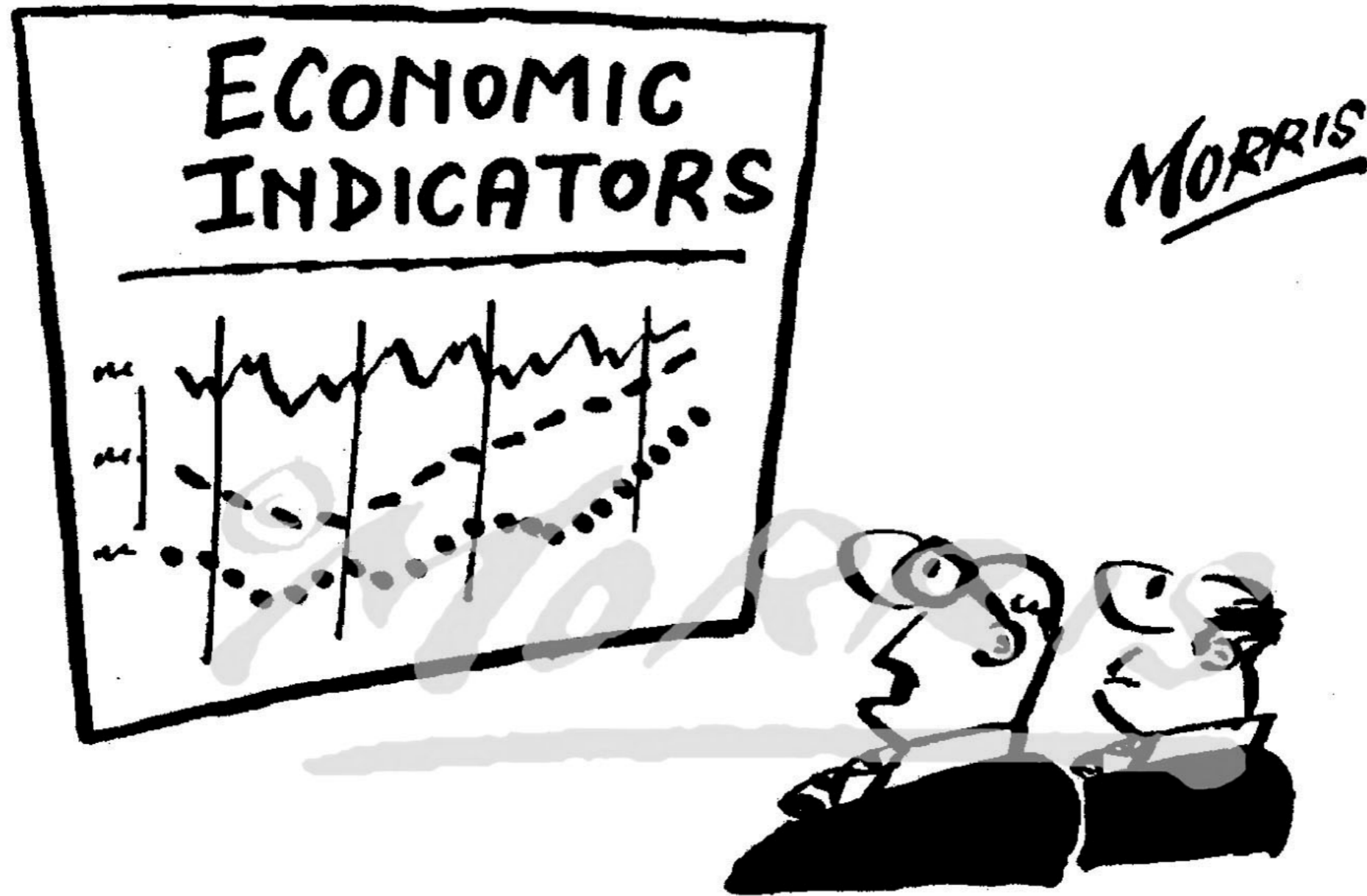
Retail Trade

Alberta retail activity has followed the “boom-bust” cycle of the economy.

Jan 2001 to Feb 2019

1 year 5 year 10 year All available





**“I’ve been studying this for the past half hour,
is it good or is it bad?”**



Economics

“The time to repair the roof is when the sun is shining.”

John F Kennedy

3 Major Challenges

Facing the Alberta economy...





Technological Change

The nature of work is changing for many reasons, but a driving force of change is the advancement of technology.

A recent analysis completed by RBC indicates that 25 per cent of all jobs in Canada will be “heavily impacted by technology”.

To keep up, the workforce needs to be nimble and able to adapt to these changes and do it quickly.

Economic Diversification

The Alberta economy has already diversified from where it was 20 years ago.

But, the energy sector still dominates the provincial economy.

Some sectors are poised for growth: food processing, technology, transportation/ logistics and alternative green energy.



Workforce Flexibility

Advancement of technology and the changing economic structure creates new demands for the workforce.

The key is 'flexibility'. It means adapting to new workplace challenges, retraining and true life long learning.

Most importantly it means a change in attitude and expectations about work.

Economic and workplace disruptions will create significant challenges for employees and employers alike.

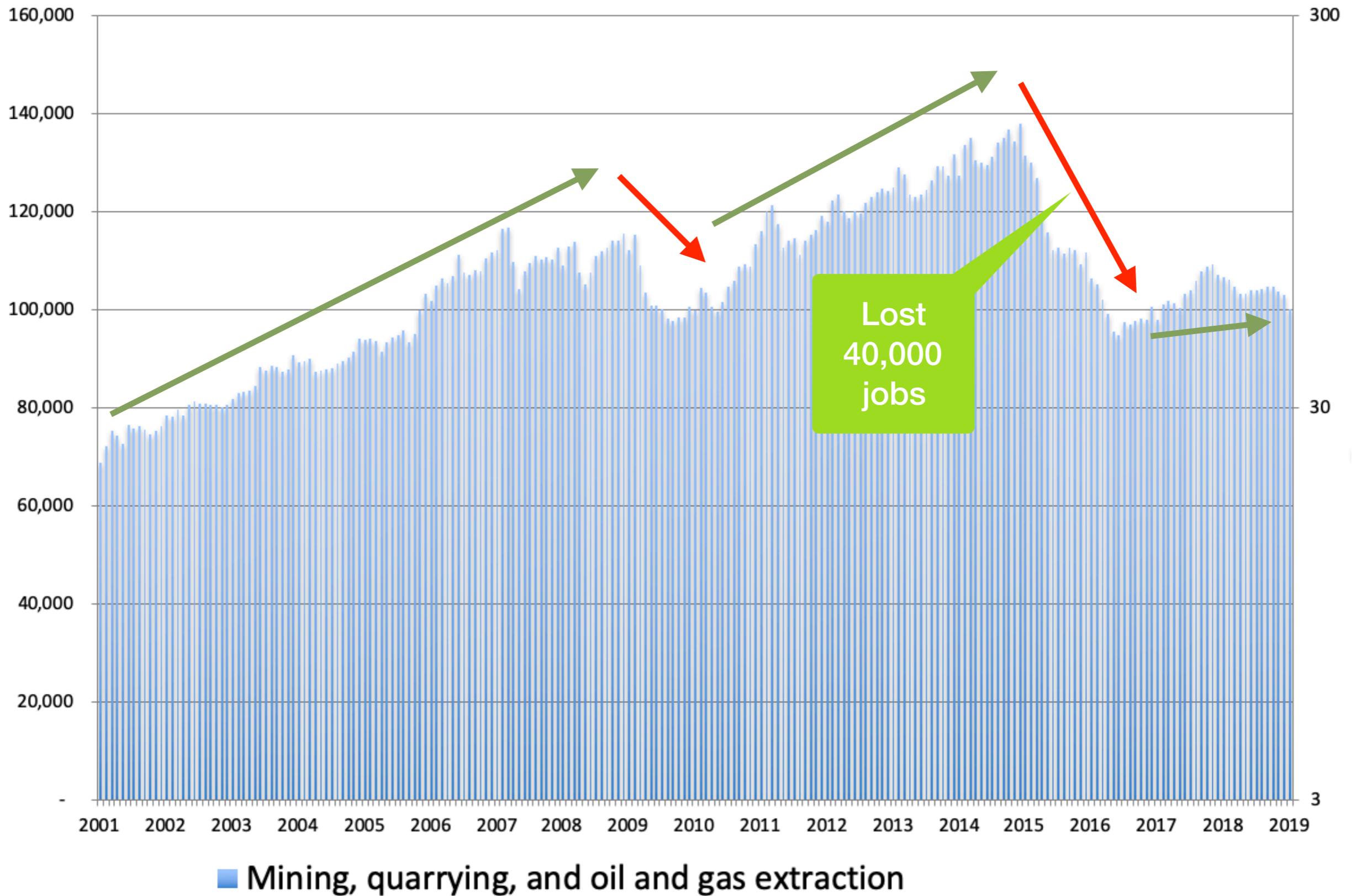


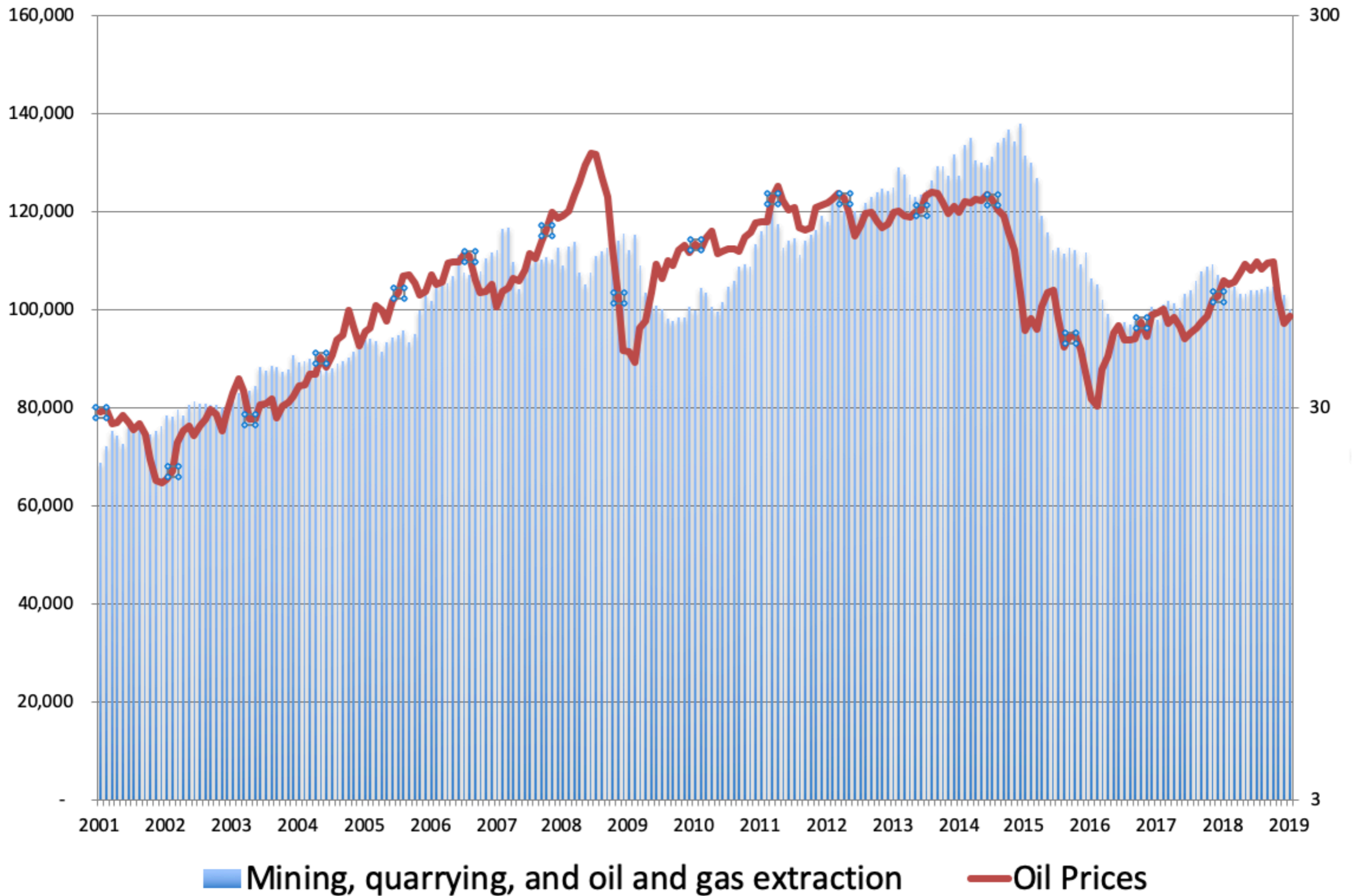
Economics

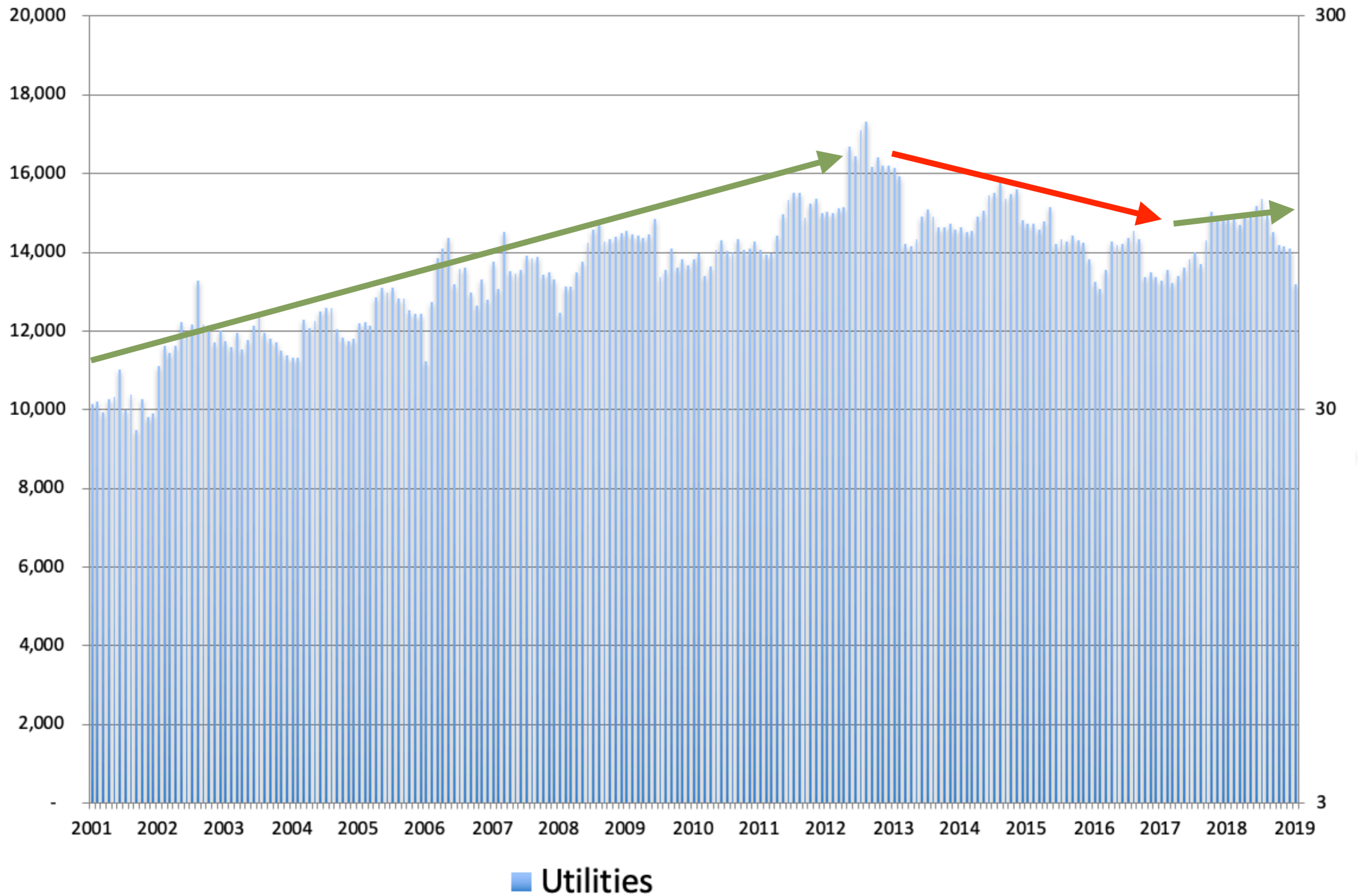
“Economics is extremely useful as a form of employment for economists.”

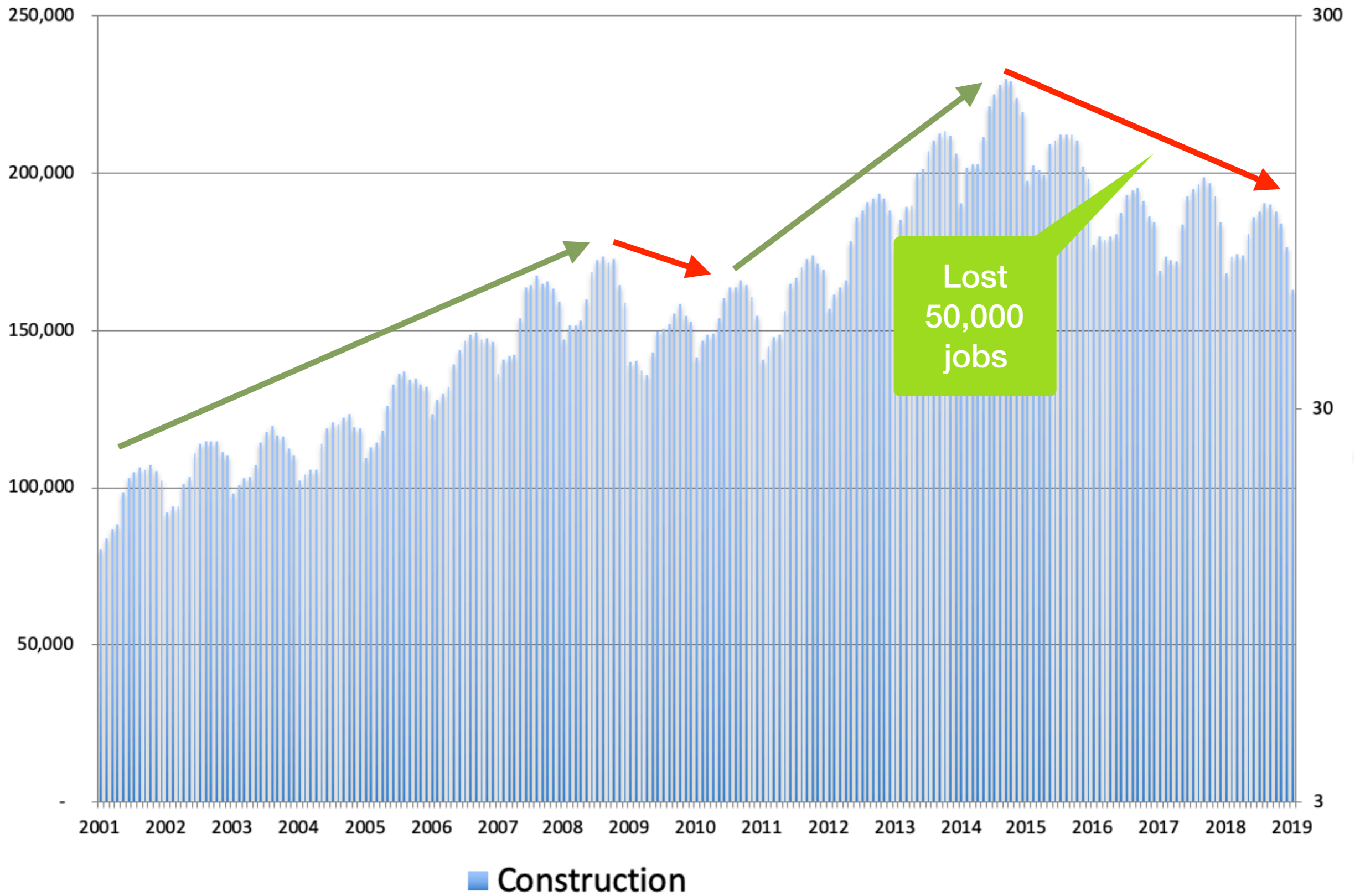
John Kenneth Galbraith

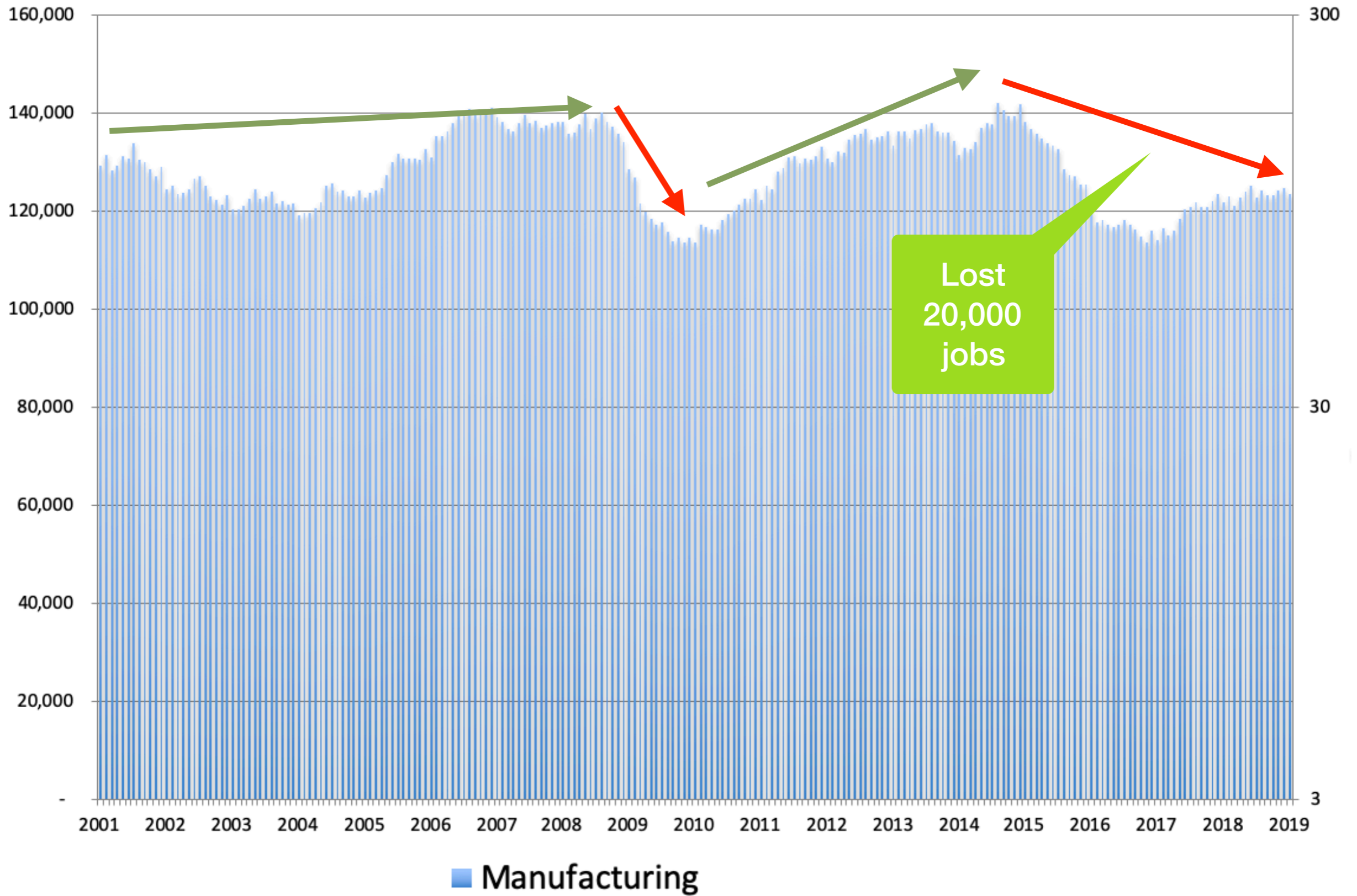


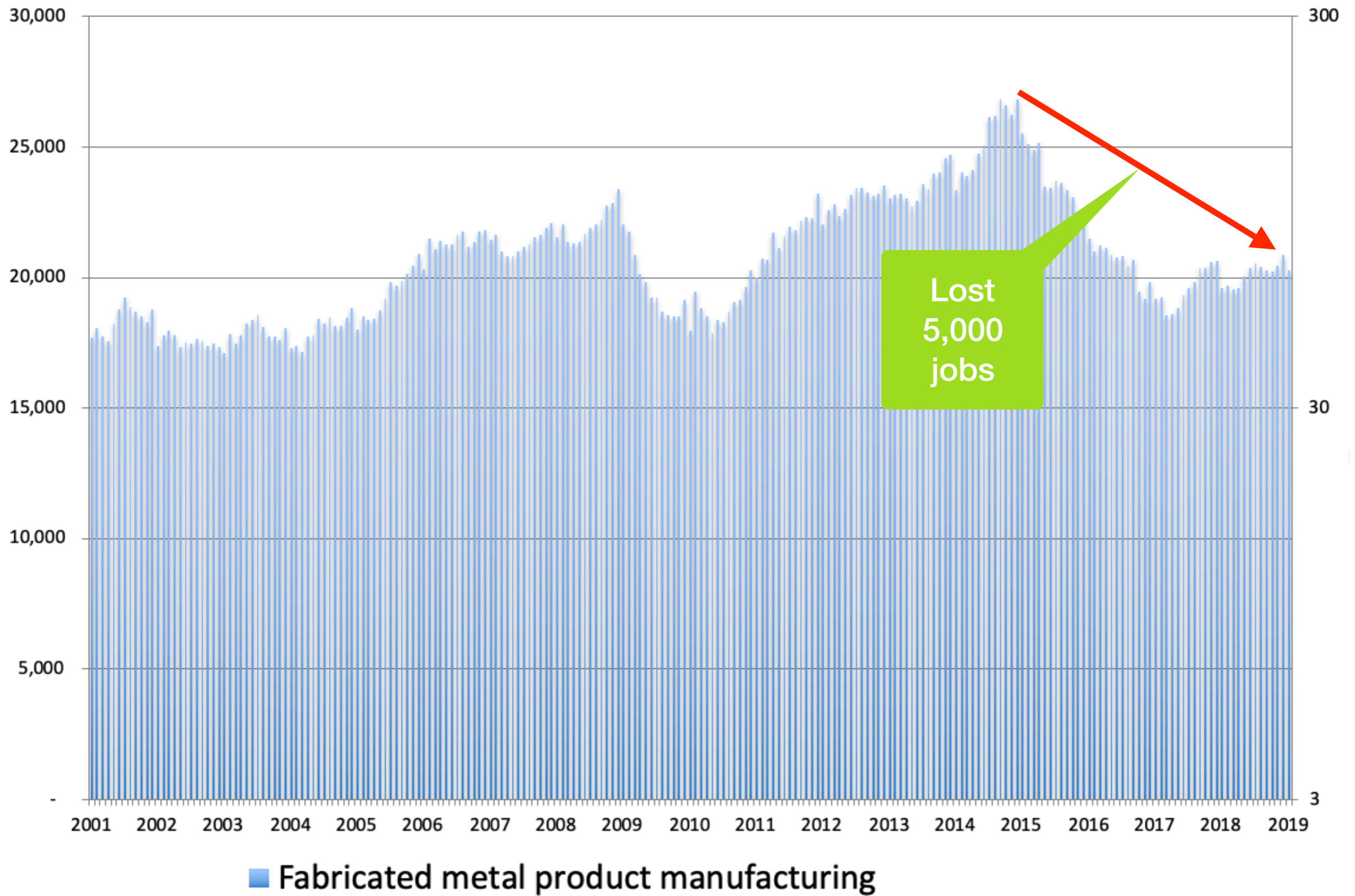


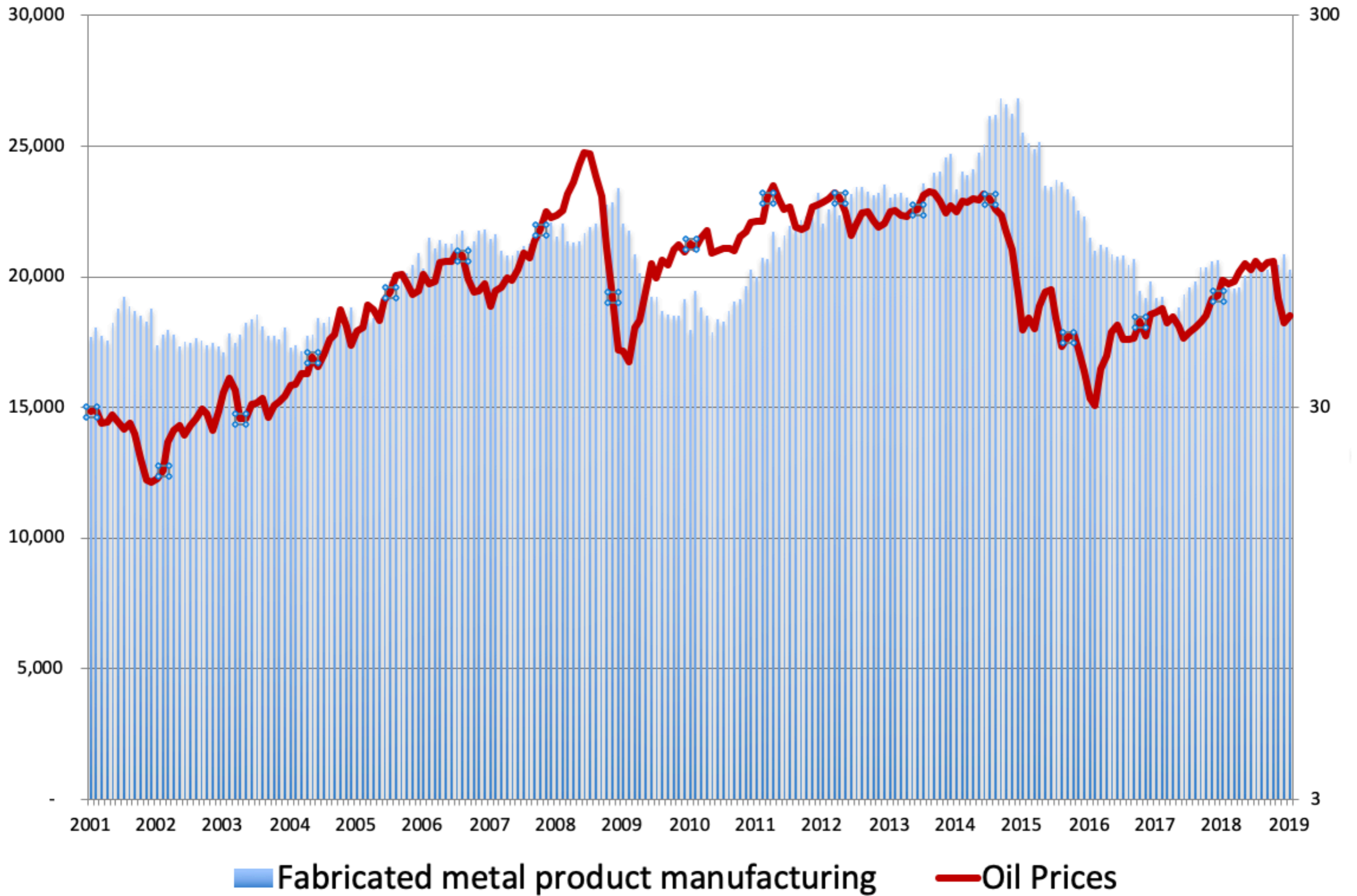


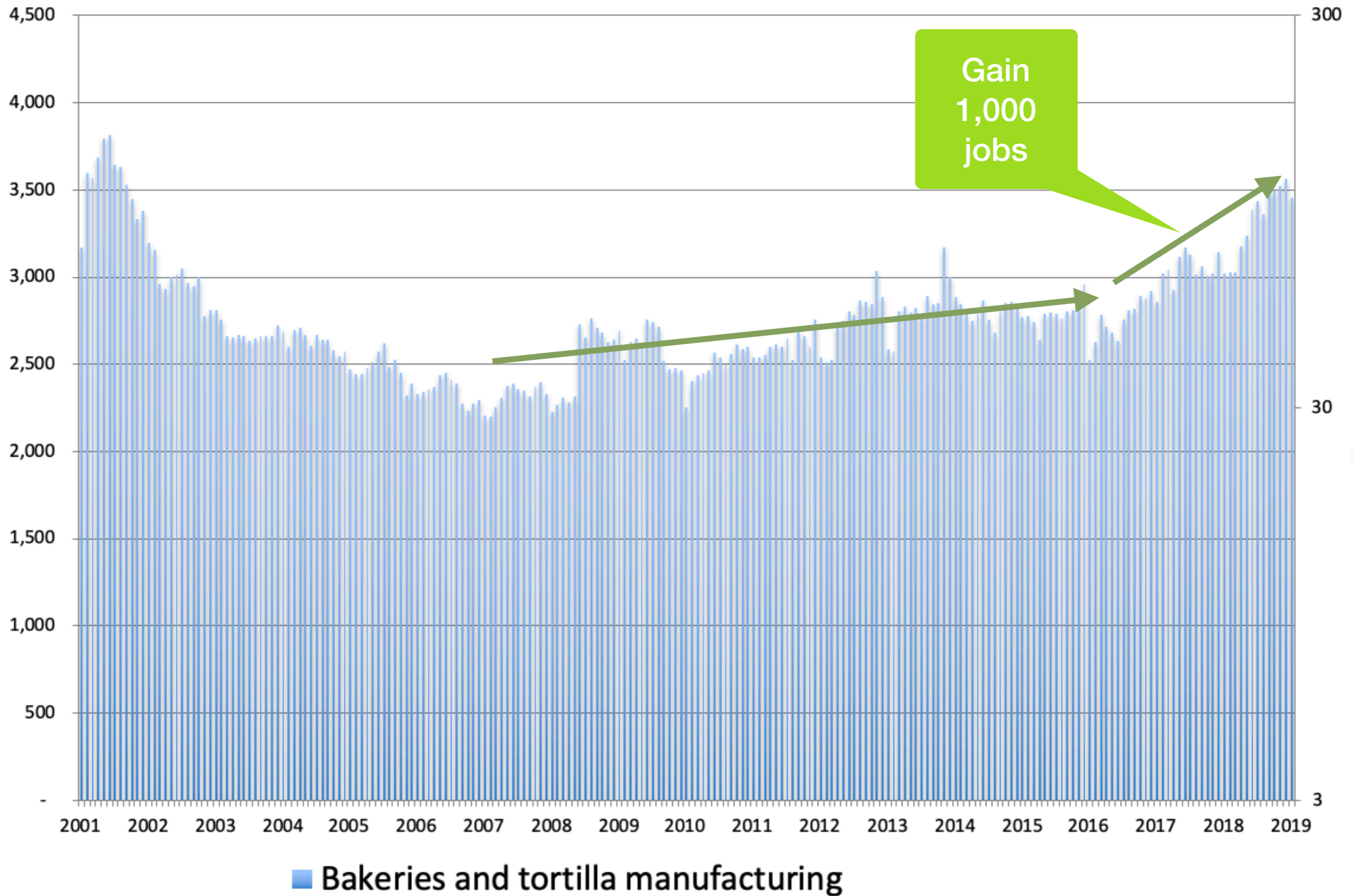


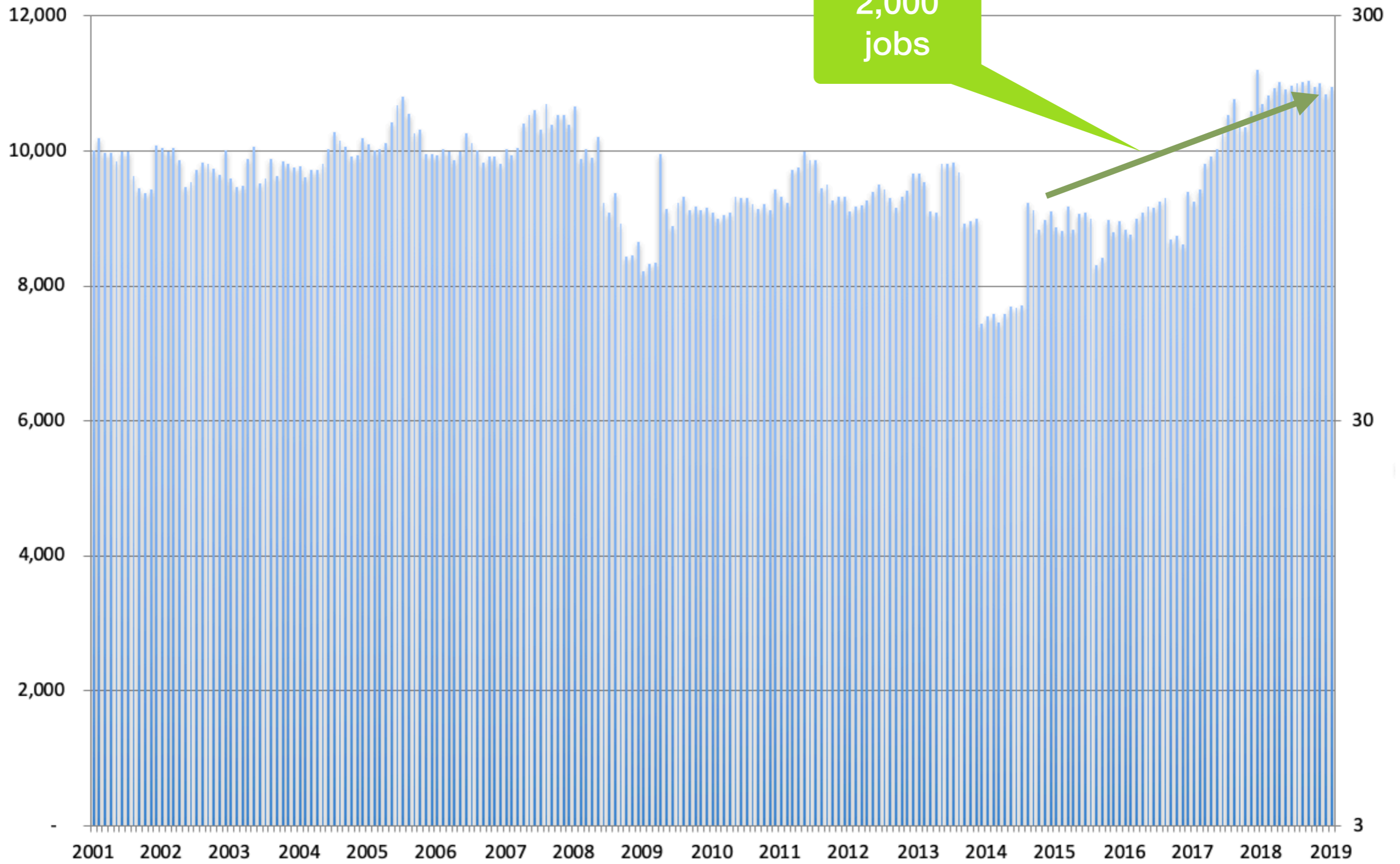




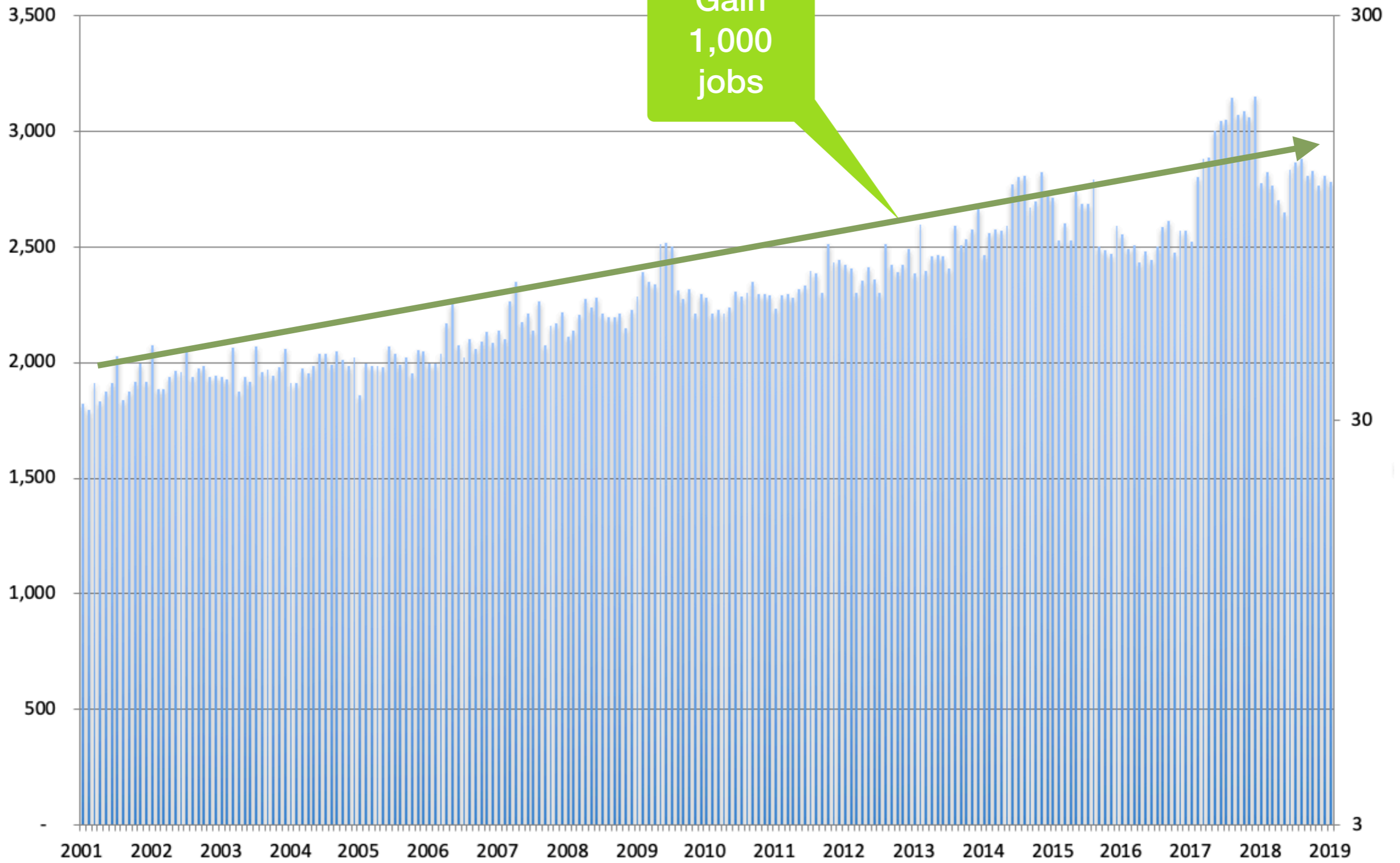




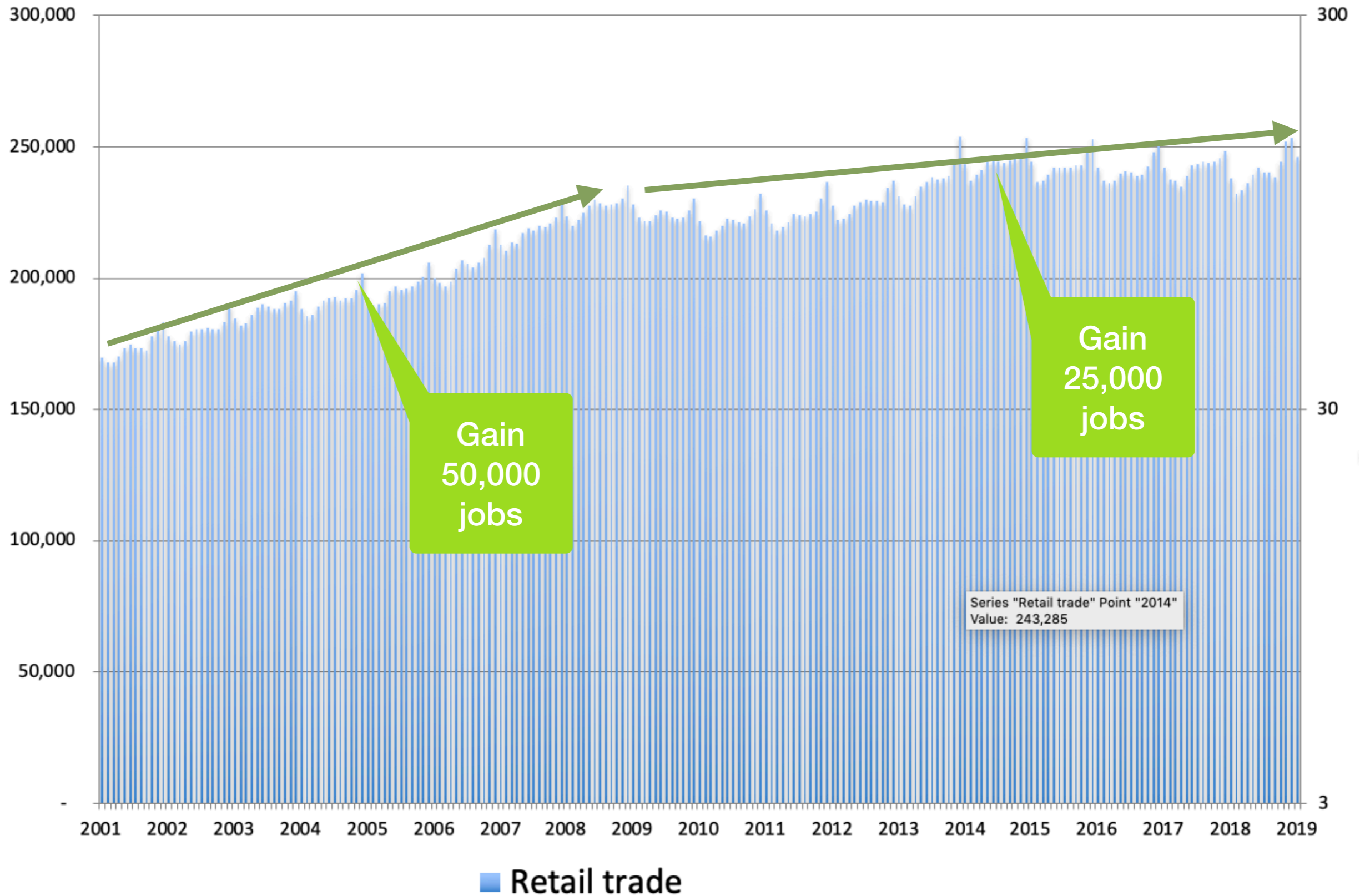


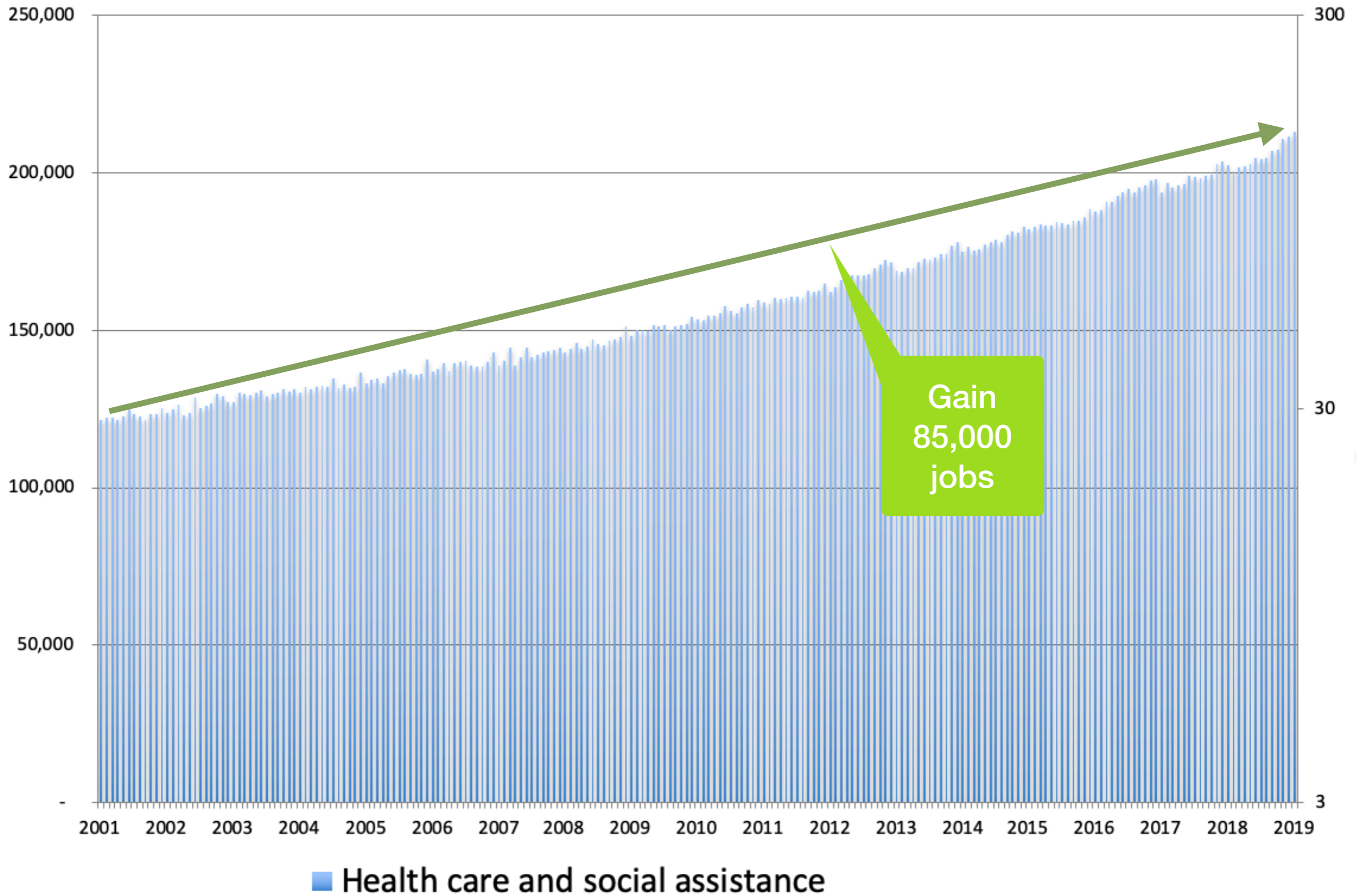


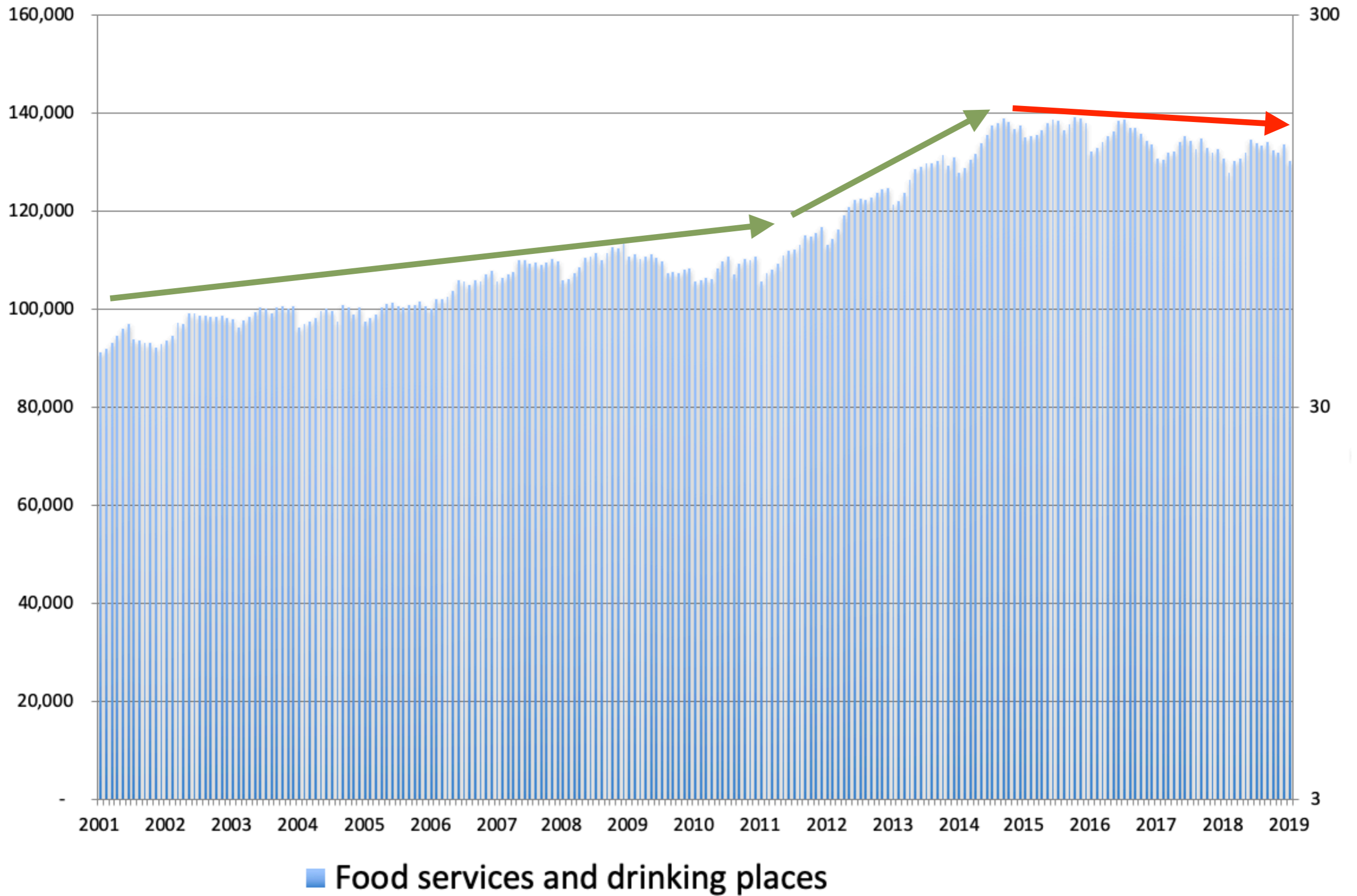
■ Meat product manufacturing

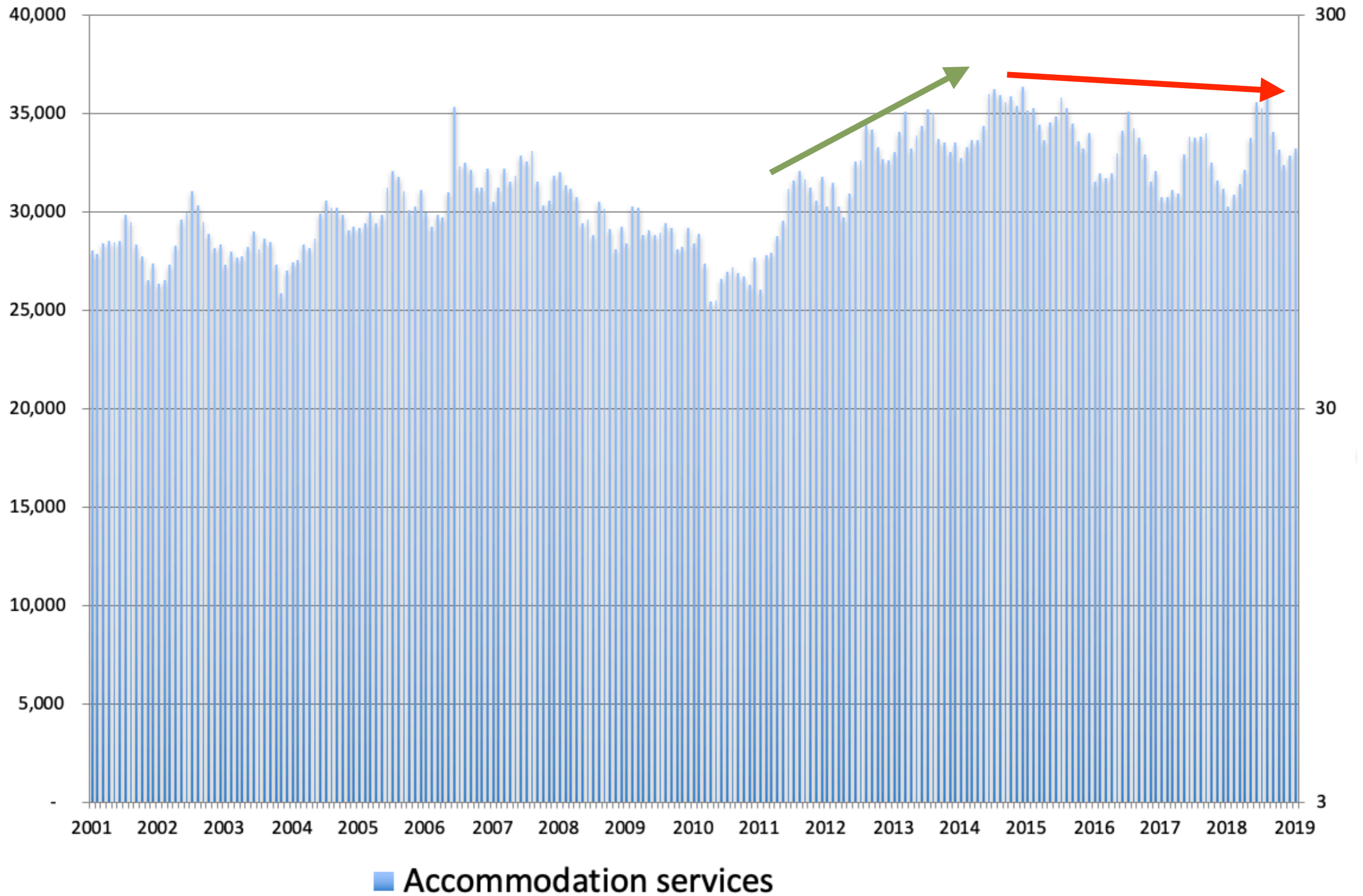


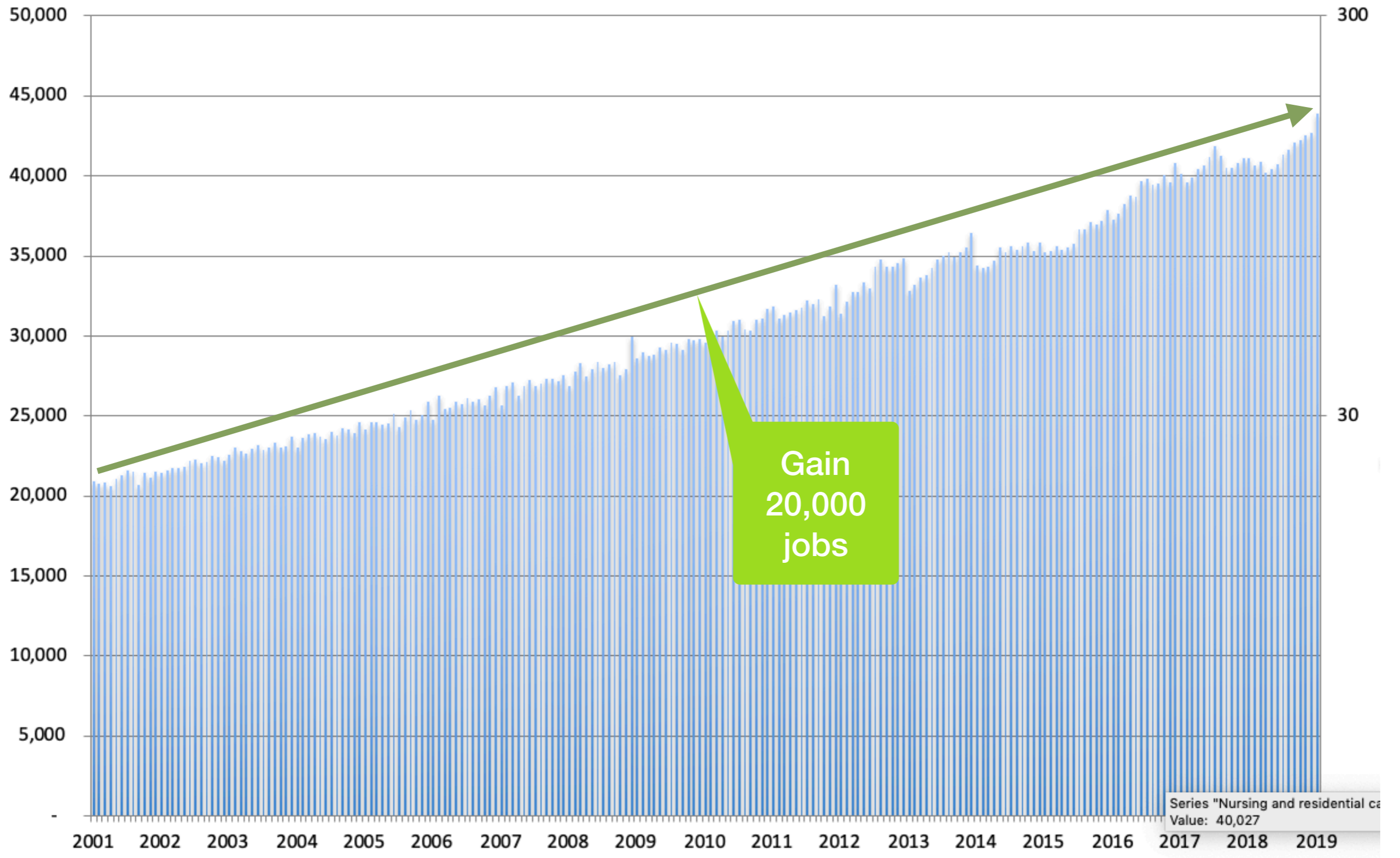
■ Other food manufacturing



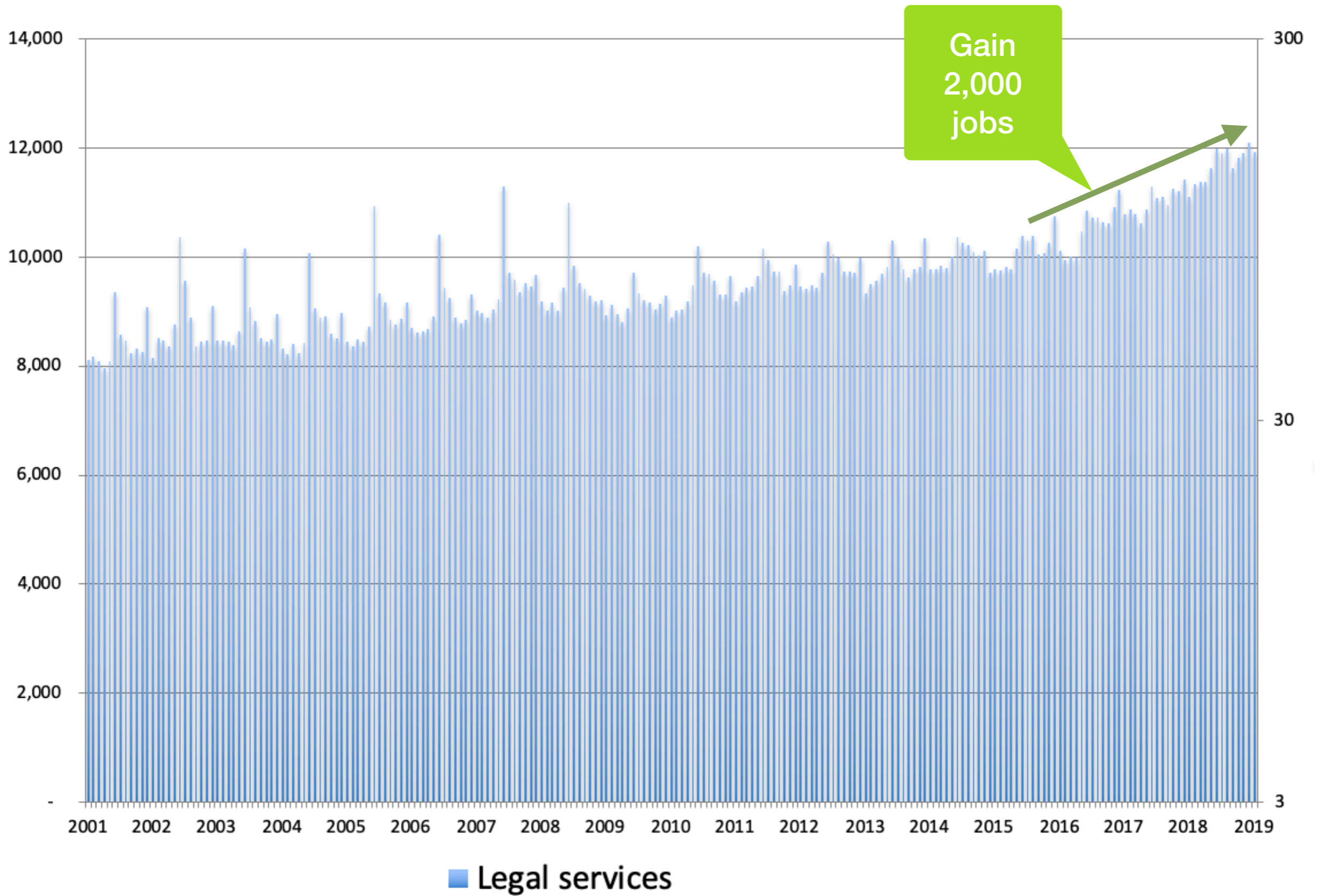


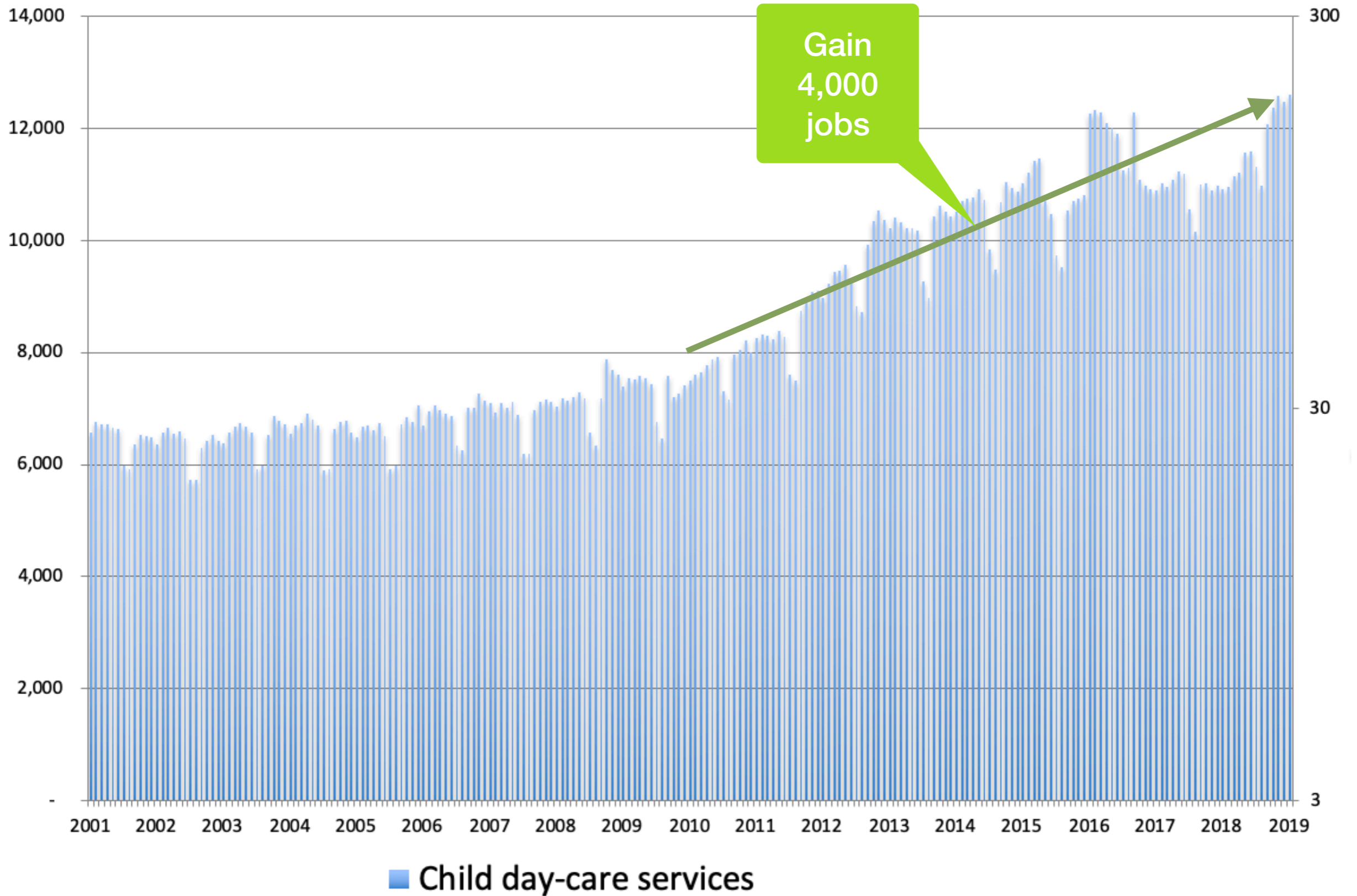


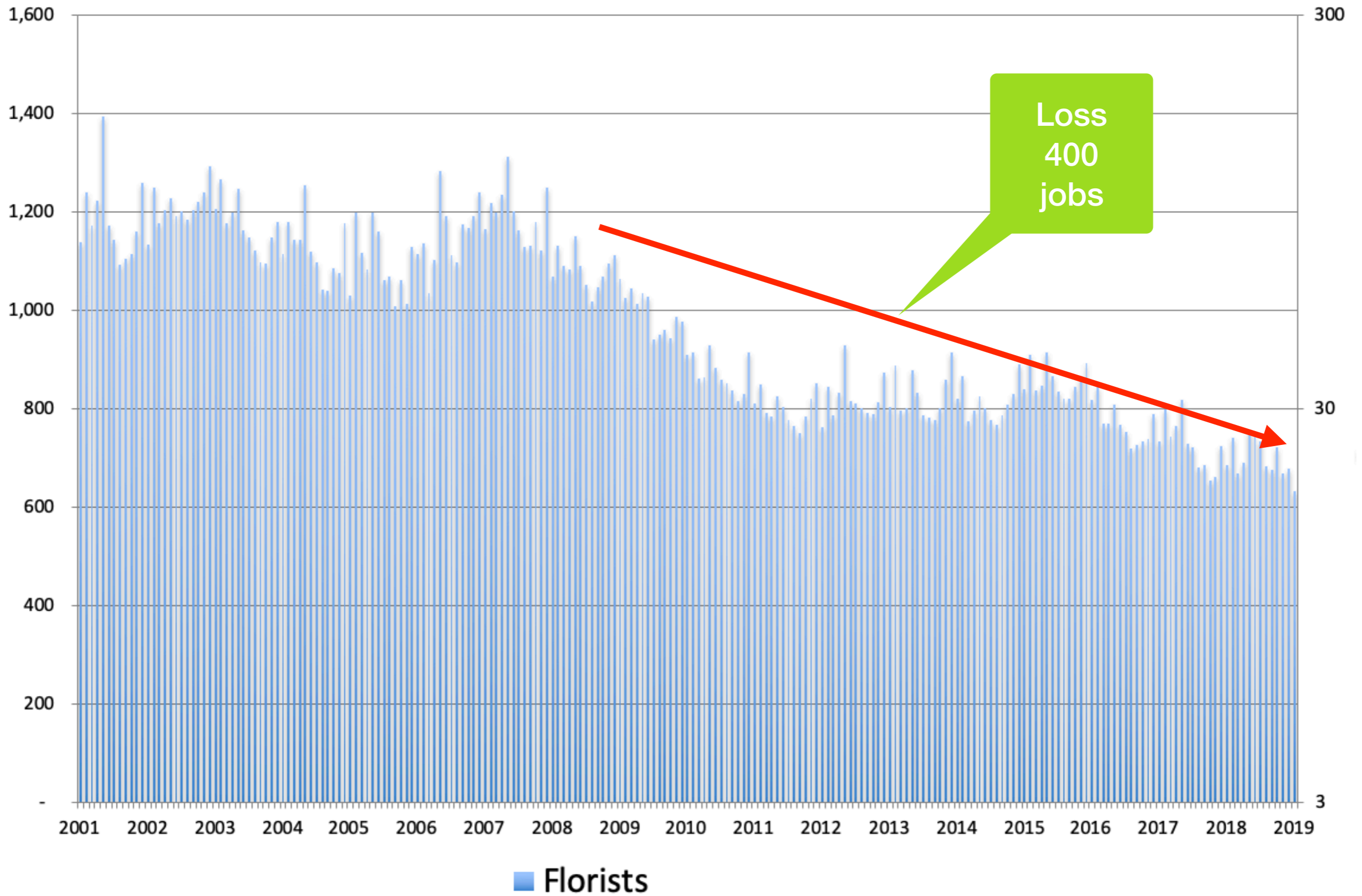


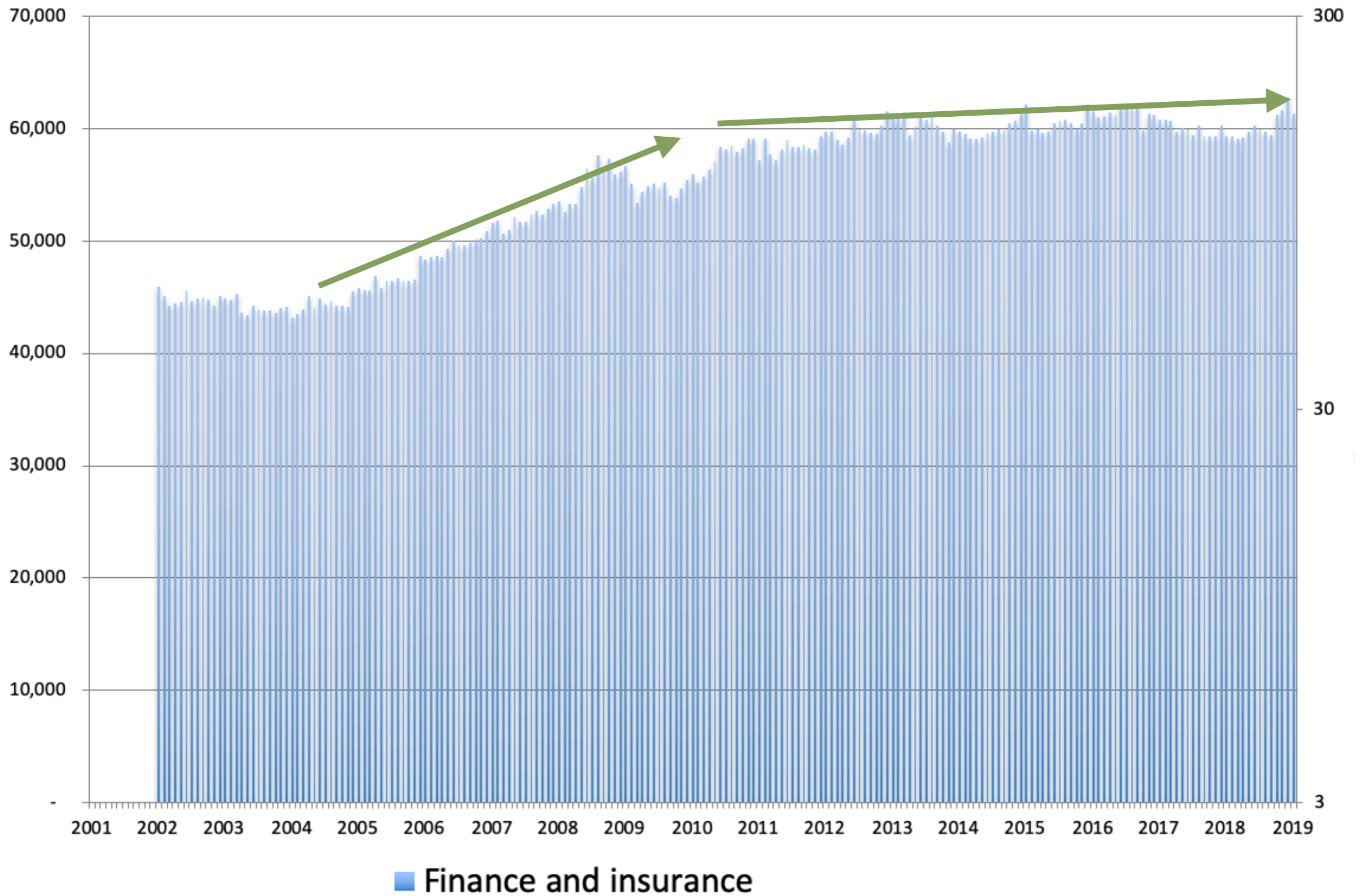


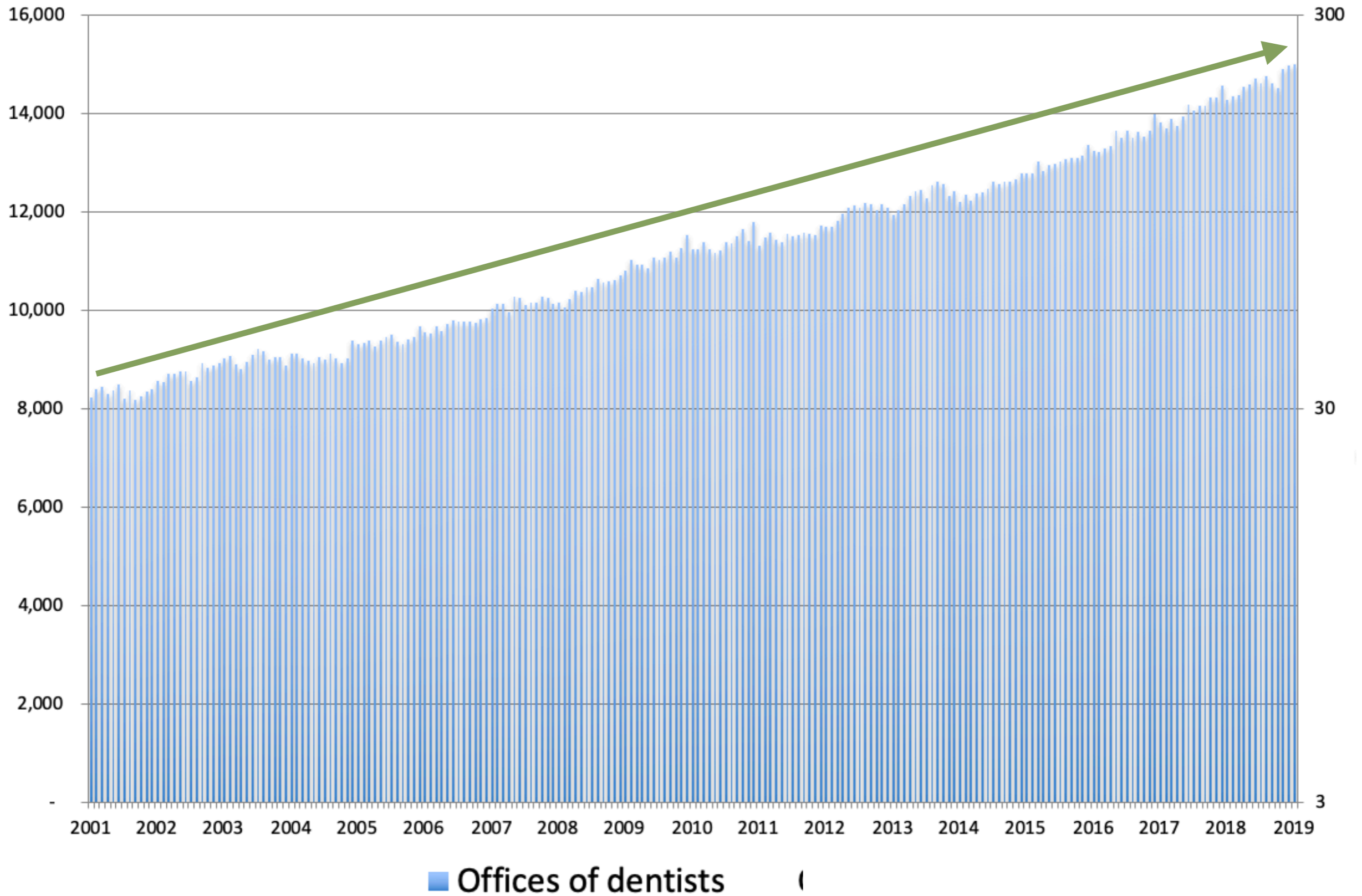
■ Nursing and residential care facilities

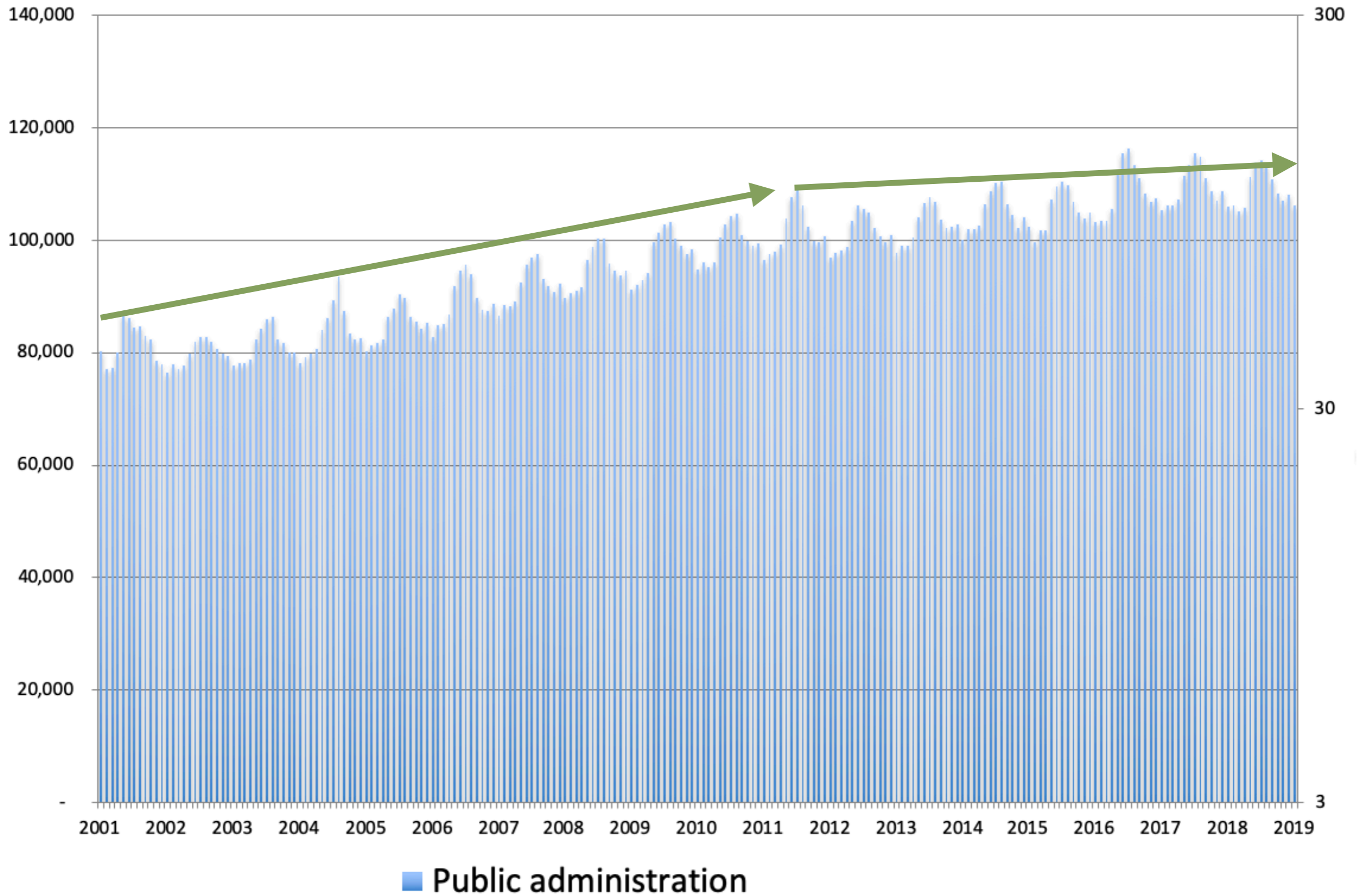












Top Jobs

What are the fastest growing jobs and the hardest occupations to fill?

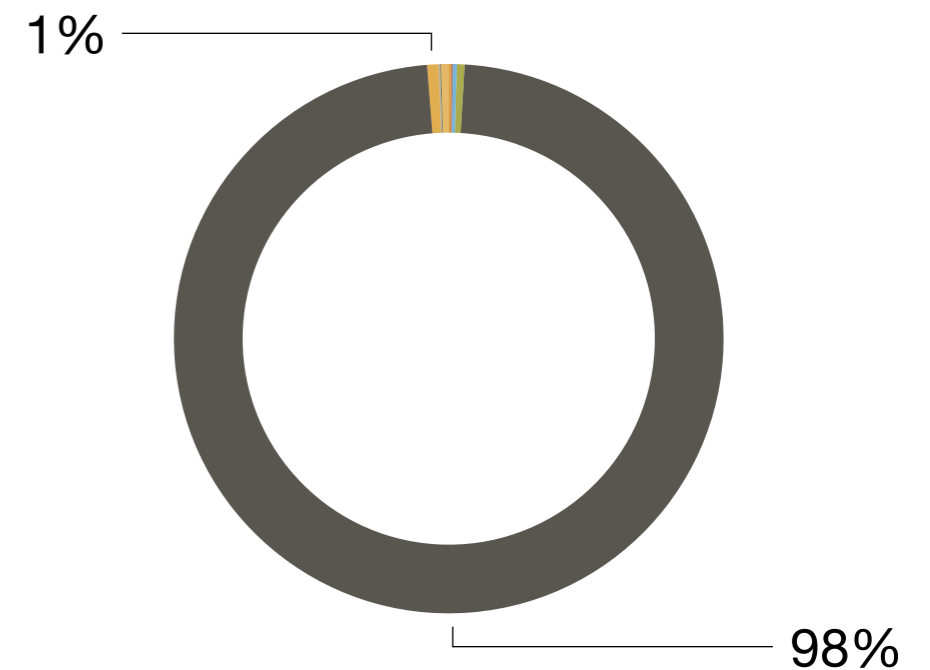


#1 Fastest Growing Occupations in Alberta (5 years)

Registered nurses and registered psychiatric nurses (NOC 3012)

> 5,000 jobs

- Primary Energy Activities
- Retail
- Education
- Public Administration
- Non-Energy Related Manufacturing
- Accommodation and Food Services
- Other
- Construction
- Professional, Scientific and Tech Serv
- Health
- Energy-Related Manufacturing
- Trucking and Warehousing
- FIRE

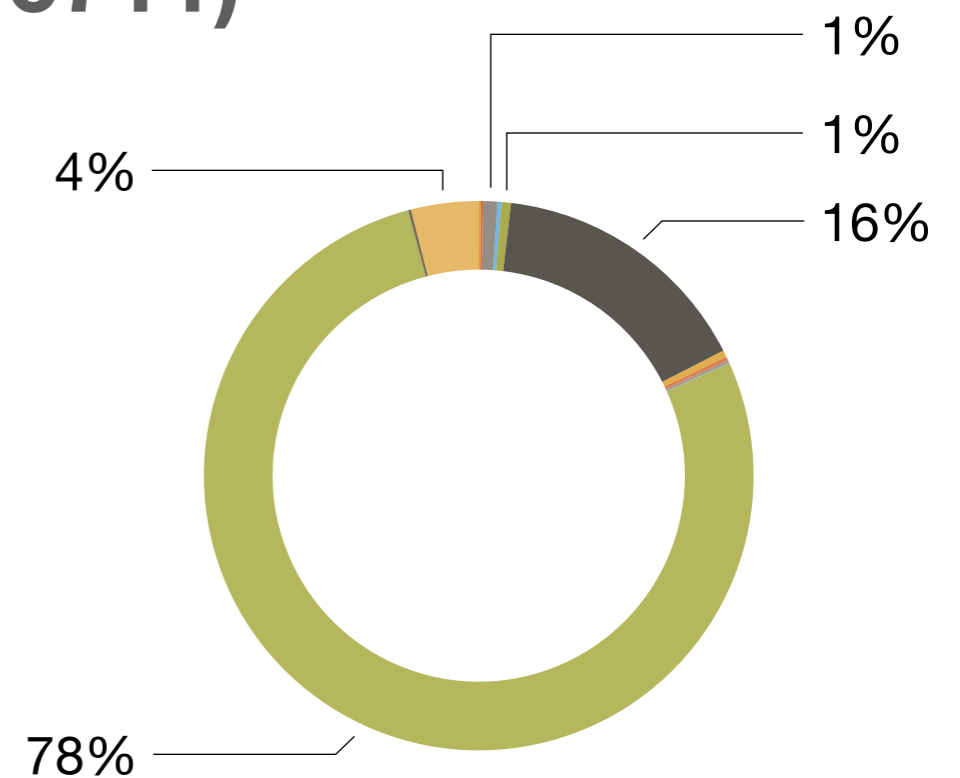


#2 Fastest Growing Occupations in Alberta (5 years)

Food counter attendants, kitchen helpers and related support occupations (NOC 6711)

> 3,700 jobs

- Primary Energy Activities
- Retail
- Education
- Public Administration
- Non-Energy Related Manufacturing
- Accommodation and Food Services
- Other
- Construction
- Professional, Scientific and Tech Serv
- Health
- Energy-Related Manufacturing
- Trucking and Warehousing
- FIRE

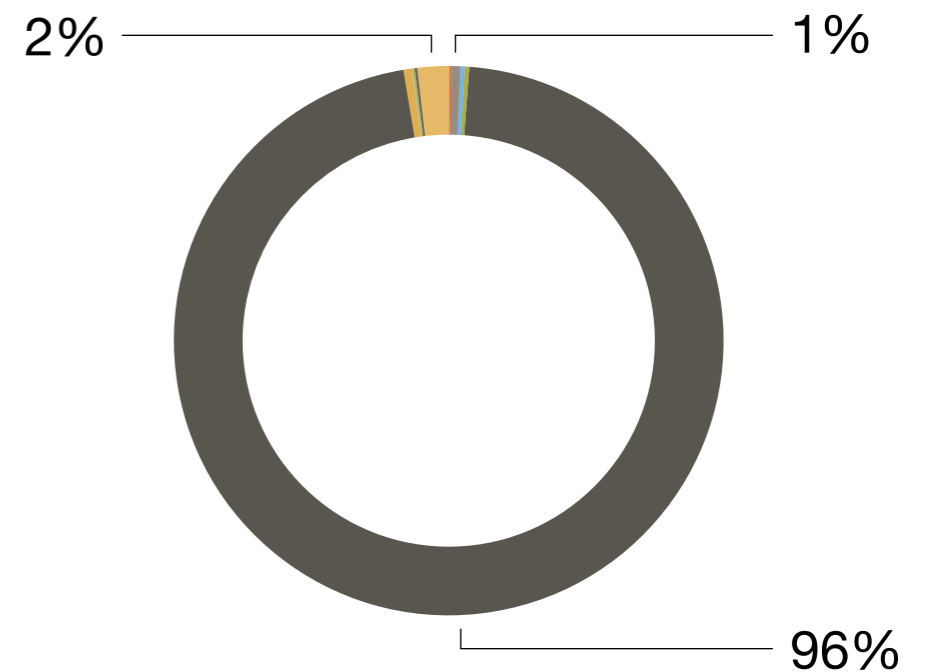


#3 Fastest Growing Occupations in Alberta (5 years)

Nurse aides, orderlies and patient service associates (NOC 3413)

> 3,600 jobs

- Primary Energy Activities
- Retail
- Education
- Public Administration
- Non-Energy Related Manufacturing
- Accommodation and Food Services
- Other
- Construction
- Professional, Scientific and Tech Serv
- Health
- Energy-Related Manufacturing
- Trucking and Warehousing
- FIRE

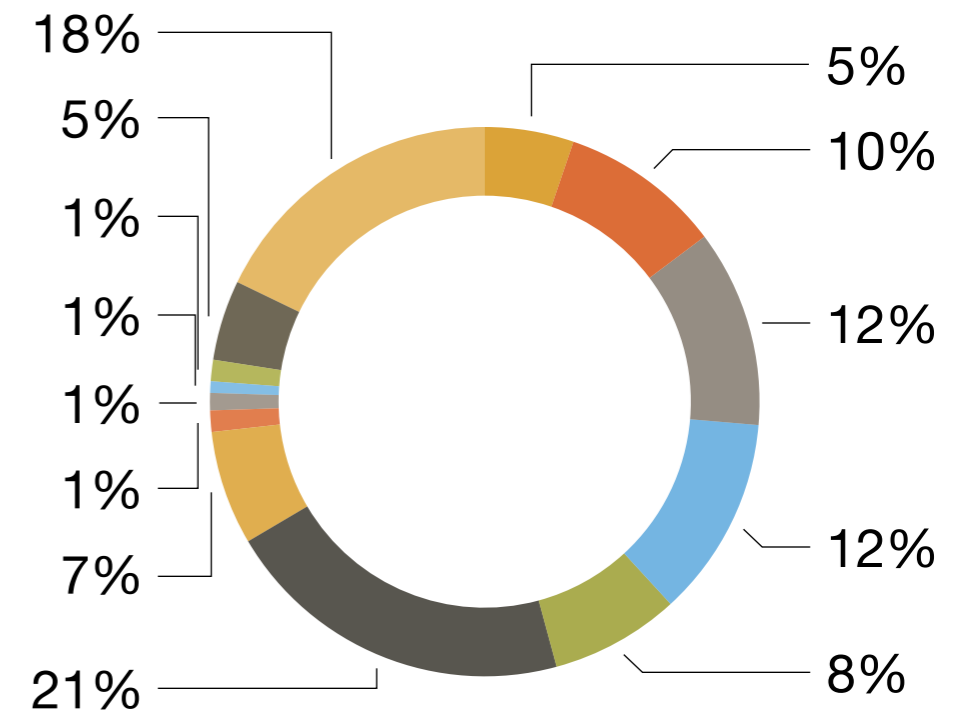


#4 Fastest Growing Occupations in Alberta (5 years)

Administrative officers (NOC 1221)

> 2,900 jobs

- Primary Energy Activities
- Retail
- Education
- Public Administration
- Non-Energy Related Manufacturing
- Accommodation and Food Services
- Other
- Construction
- Professional, Scientific and Tech Serv
- Health
- Energy-Related Manufacturing
- Trucking and Warehousing
- FIRE

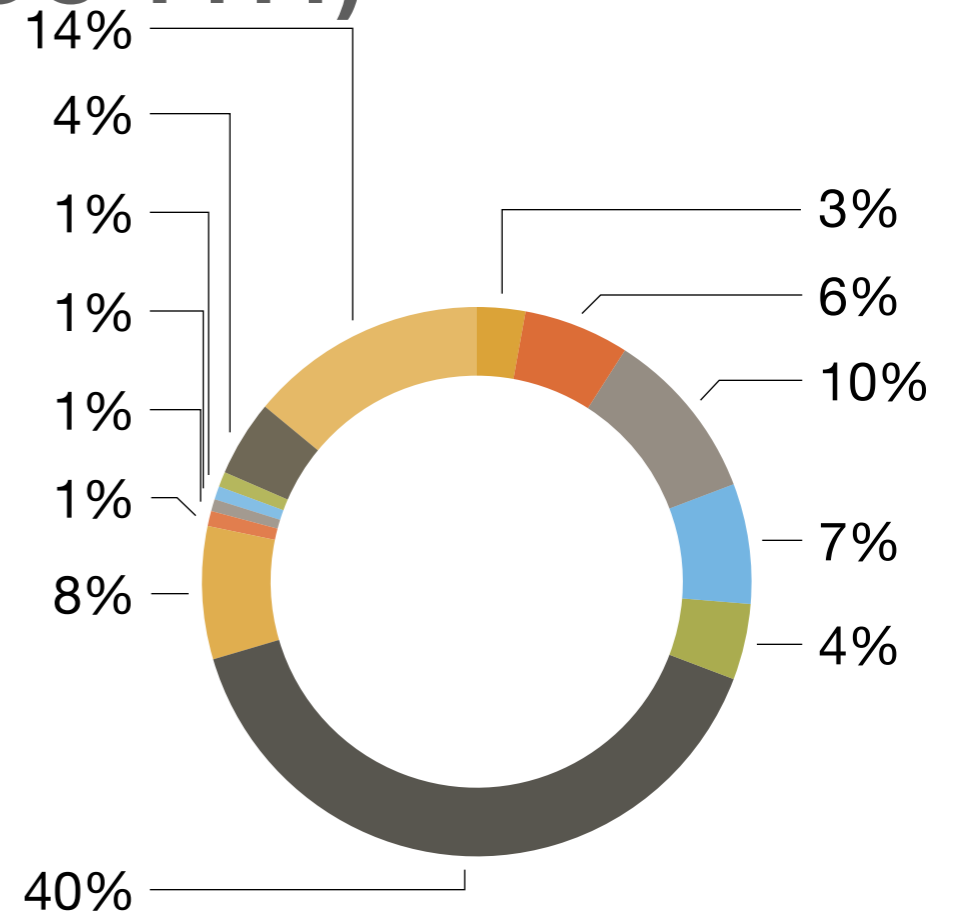


#5 Fastest Growing Occupations in Alberta (5 years)

General office support workers (NOC 1411)

> 2,800 jobs

- Primary Energy Activities
- Retail
- Education
- Public Administration
- Non-Energy Related Manufacturing
- Accommodation and Food Services
- Other
- Construction
- Professional, Scientific and Tech Serv
- Health
- Energy-Related Manufacturing
- Trucking and Warehousing
- FIRE

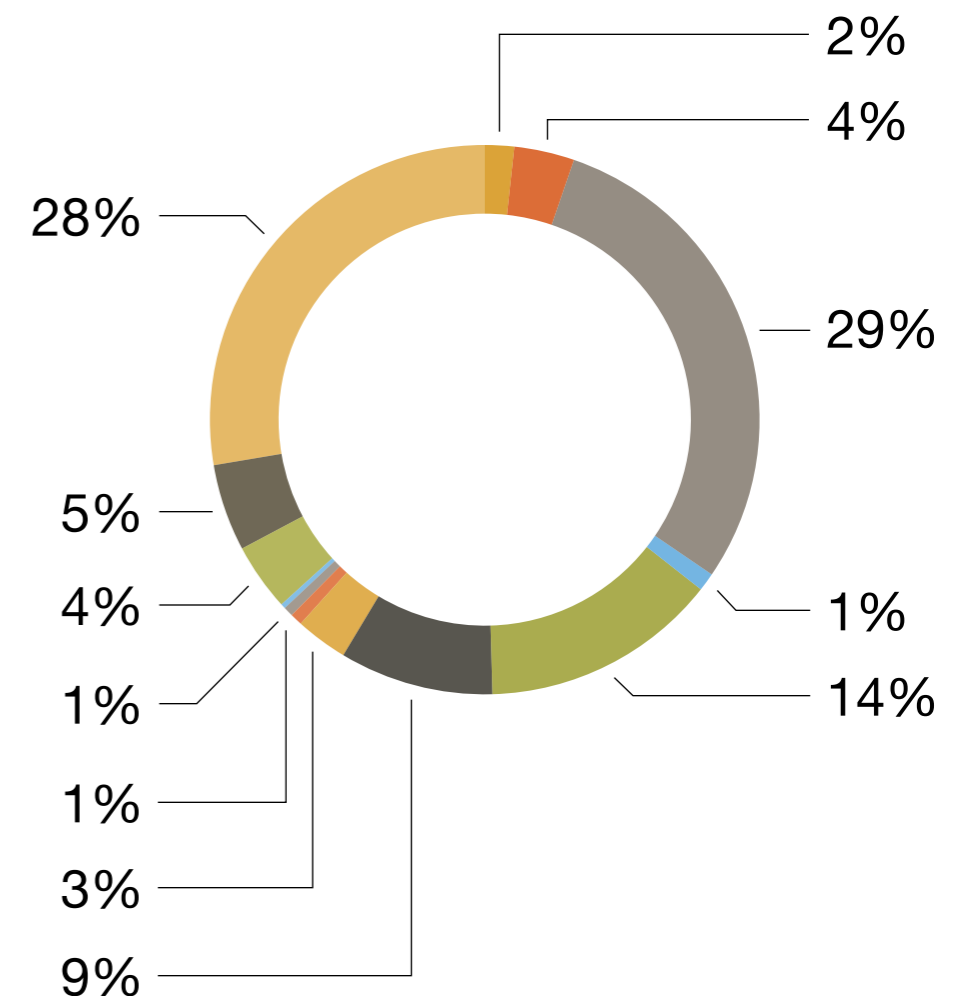


#6 Fastest Growing Occupations in Alberta (5 years)

Janitors, caretakers and building superintendents (NOC 6733)

> 2,800 jobs

- Primary Energy Activities
- Retail
- Education
- Public Administration
- Non-Energy Related Manufacturing
- Accommodation and Food Services
- Other
- Construction
- Professional, Scientific and Tech Serv
- Health
- Energy-Related Manufacturing
- Trucking and Warehousing
- FIRE

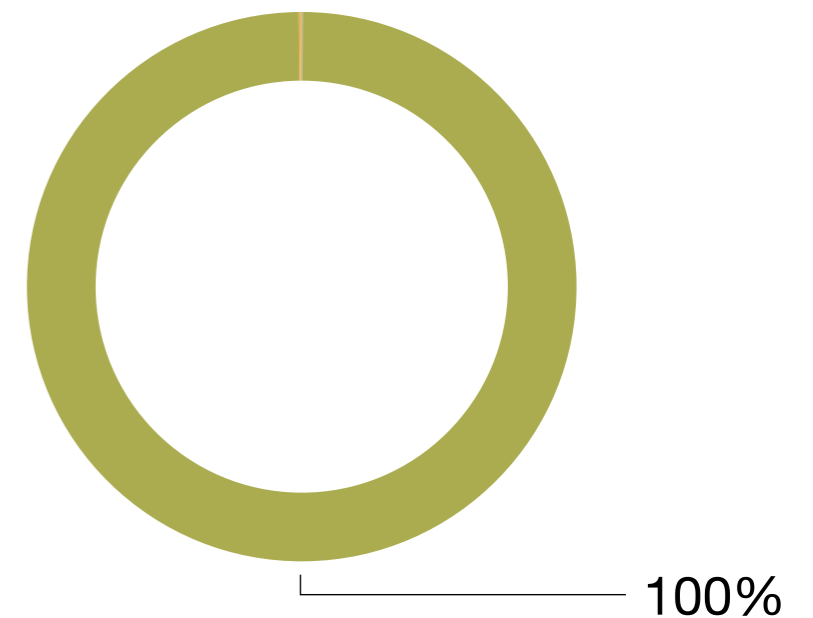


#7 Fastest Growing Occupations in Alberta (5 years)

Elementary school and kindergarten teachers (NOC 4032)

> 2,600 jobs

- Primary Energy Activities
- Retail
- Education
- Public Administration
- Non-Energy Related Manufacturing
- Accommodation and Food Services
- Other
- Construction
- Professional, Scientific and Tech Serv
- Health
- Energy-Related Manufacturing
- Trucking and Warehousing
- FIRE





Labour Market Trends

Subscribe



labourmarkettrends.com



Forecasts

Labour market forecasts are available for various provinces and metro areas. Each forecast includes a projection of the demand for workers by industry

See all the Alberta Forecast Summary Information

Labour Market Information (LMI) is valuable if it is both current and local. Various on-line LMI resources have been compiled that provide

The news if full of labour market information. Labour Market Trends scans labour market resources across Canada and provides some of the most

Occupation Shortages

Occupations employers will have the most difficulty filling



Occupation Shortages

Occupations employers will have the most difficulty filling

Rank	Occupation	Shortage (5 year)
1	3012 Registered nurses and registered psychiatric nurses	2,600
2	3413 Nurse aides, orderlies and patient service associates	1,800
3	4212 Social and community service workers	880
4	1411 General office support workers	880
5	1414 Receptionists	860
6	4214 Early childhood educators and assistants	840
7	1221 Administrative officers	700
8	4411 Home child care providers	680
9	1111 Financial auditors and accountants	630
10	3233 Licensed practical nurses	600



Labour Market Trends

Subscribe



labourmarkettrends.com



Forecasts

Forecasts

Labour market forecasts are available for various provinces and metro areas. Each forecast includes a projection of the demand for workers by industry

See all the Alberta Forecast Summary Information

Labour Market Information (LMI) is valuable if it is both current and local. Various on-line LMI resources have been compiled that provide

The news if full of labour market information. Labour Market Trends scans labour market resources across Canada and provides some of the most

