

California

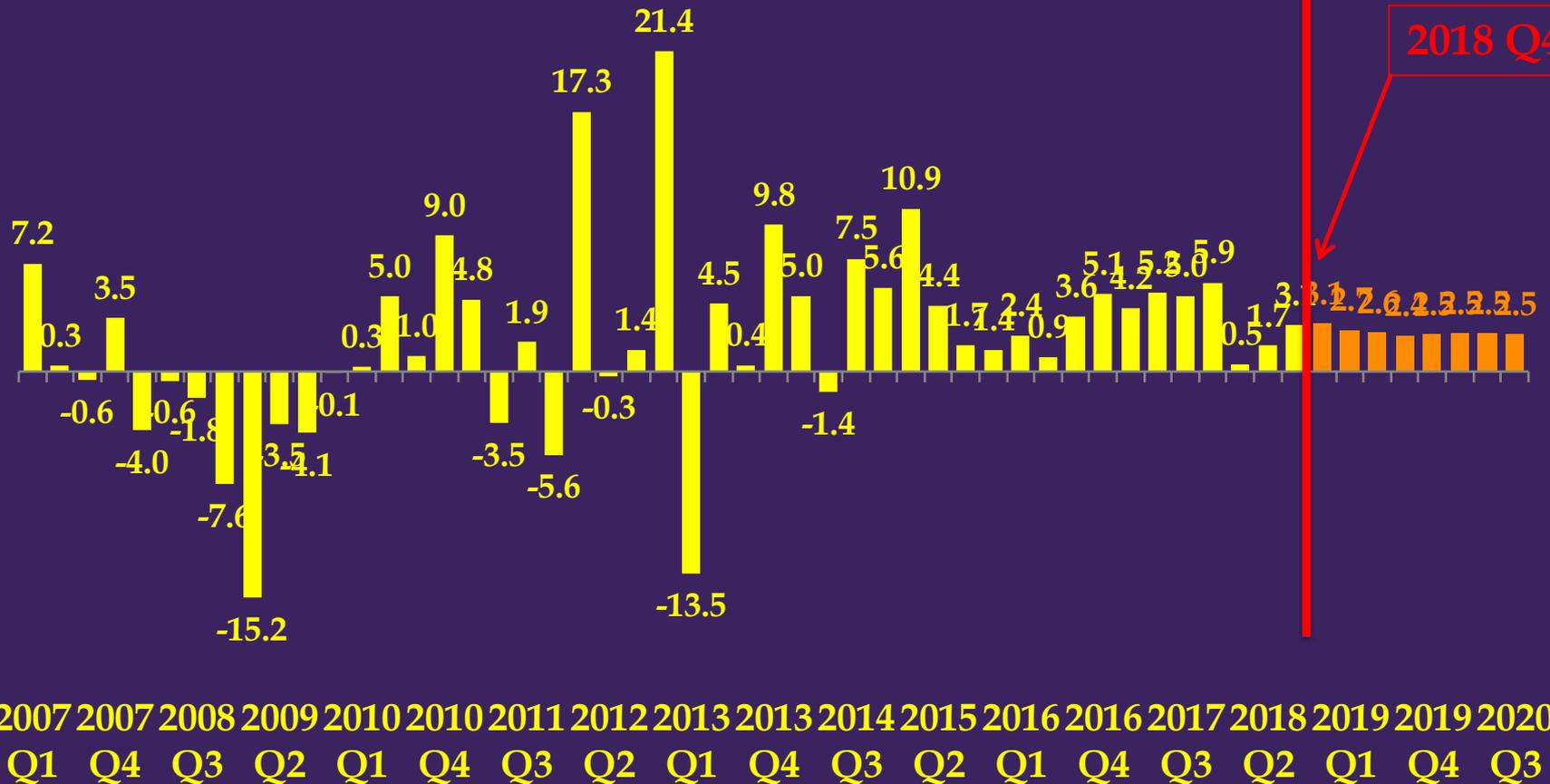
Quarterly Forecast Charts

Updated: December 17, 2018

California Lutheran University

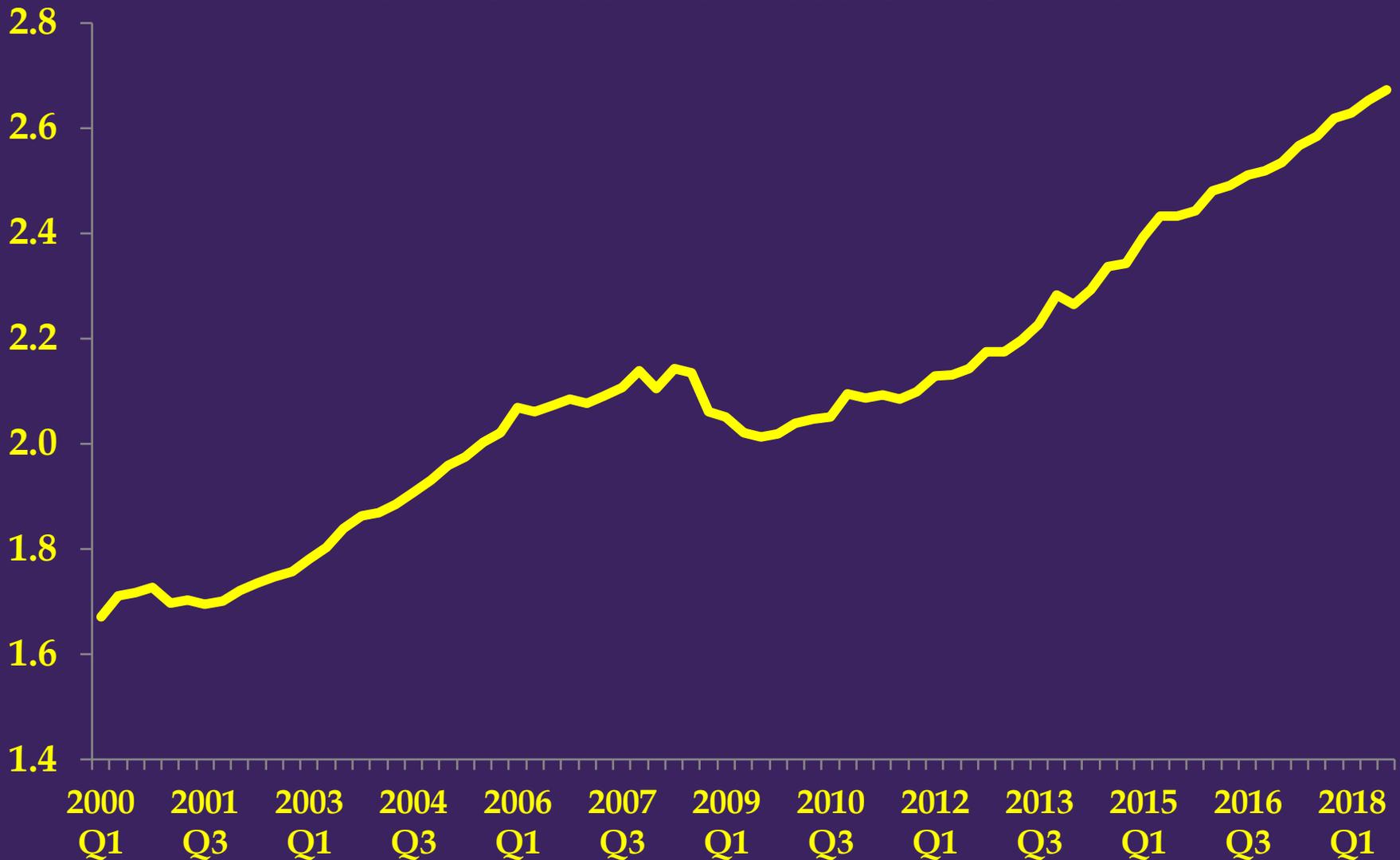
CENTER FOR ECONOMIC RESEARCH
& FORECASTING

Real Wage & Salary Income Growth



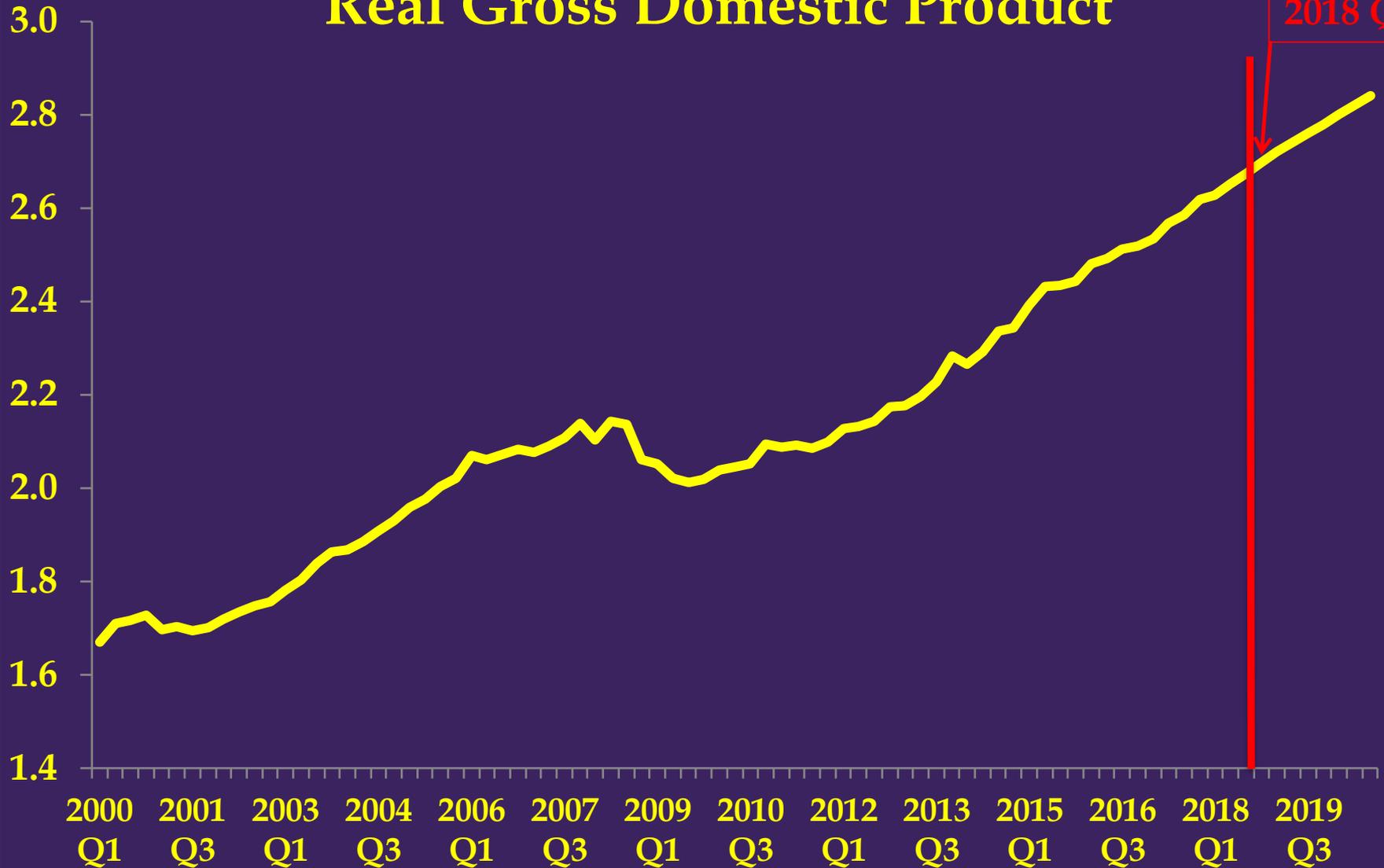
Center for Economic Research and Forecasting
California - (saar q-o-q percent change)

Real Gross Domestic Product



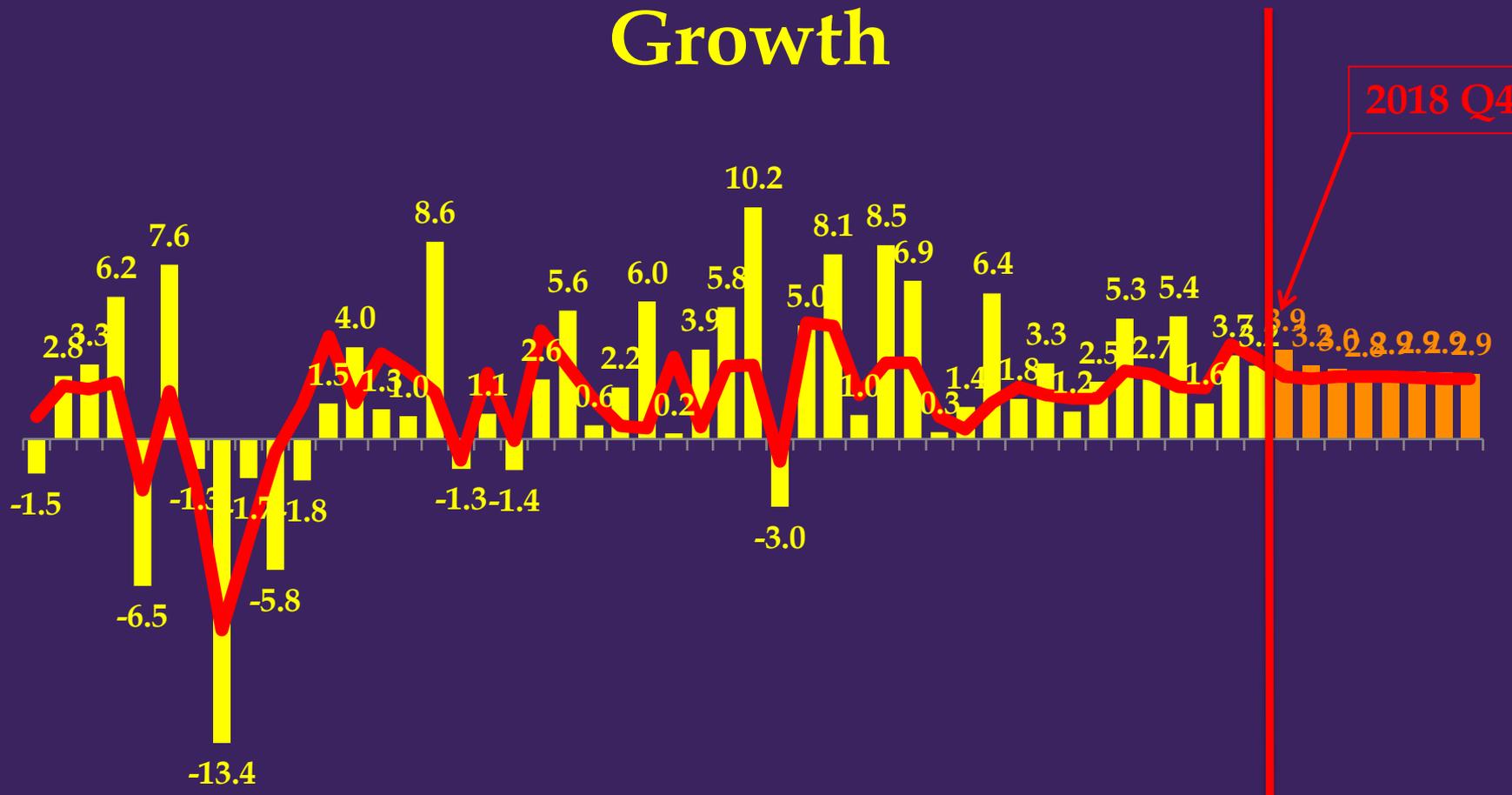
Center for Economic Research and Forecasting
California - (trillions of 2009 dollars)

Real Gross Domestic Product



Center for Economic Research and Forecasting
California - (trillions of 2009 dollars)

Real Gross Domestic Product Growth

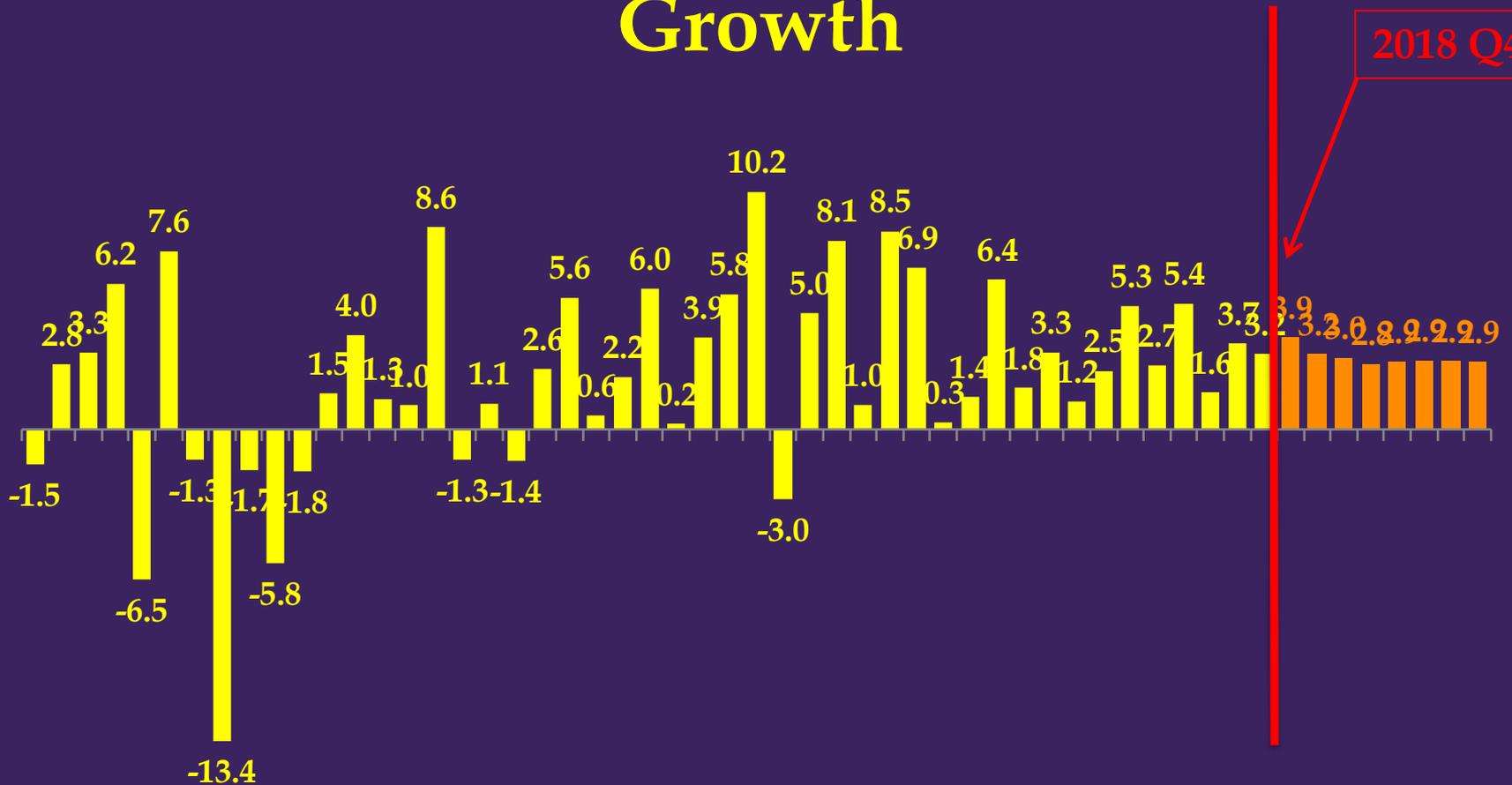


2018 Q4

2007 Q1 2007 Q4 2008 Q3 2009 Q2 2010 Q1 2010 Q4 2011 Q3 2012 Q2 2013 Q1 2013 Q4 2014 Q3 2015 Q2 2016 Q1 2016 Q4 2017 Q3 2018 Q2 2019 Q1 2019 Q4 2020 Q3

Center for Economic Research and Forecasting United States
California - (saar q-o-q percent change)

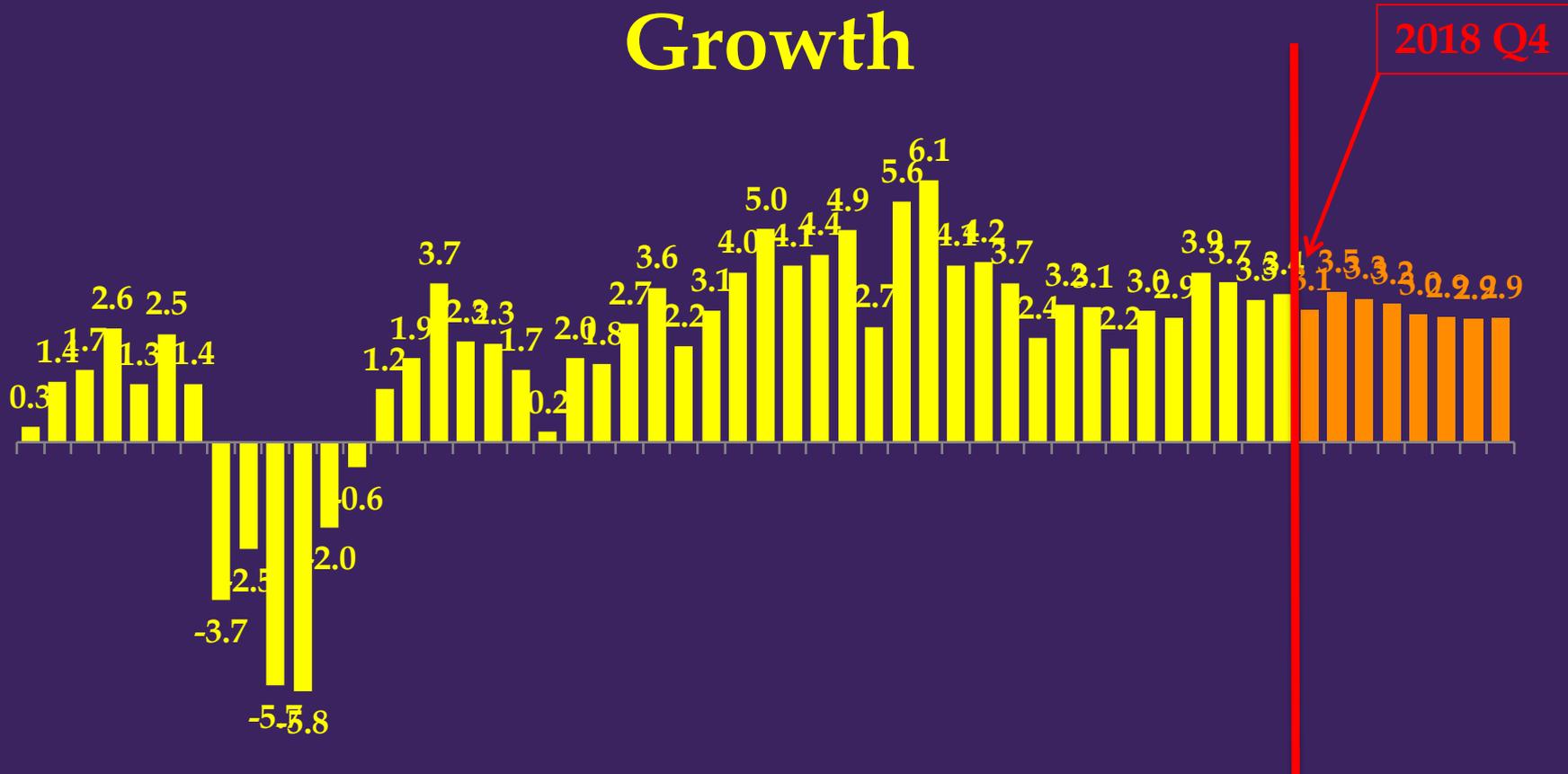
Real Gross Domestic Product Growth



2007 2007 2008 2009 2010 2010 2011 2012 2013 2013 2014 2015 2016 2016 2017 2018 2019 2019 2020
 Q1 Q4 Q3 Q2 Q1 Q4 Q3 Q2 Q1 Q4 Q3 Q2 Q1 Q4 Q3 Q2 Q1 Q4 Q3

Center for Economic Research and Forecasting
 California - (saar q-o-q percent change)

Real Gross Domestic Product Growth



2007 2007 2008 2009 2010 2010 2011 2012 2013 2013 2014 2015 2016 2016 2017 2018 2019 2019 2020
 Q1 Q4 Q3 Q2 Q1 Q4 Q3 Q2 Q1 Q4 Q3 Q2 Q1 Q4 Q3 Q2 Q1 Q4 Q3

Center for Economic Research and Forecasting
 California - (y-o-y percent change)

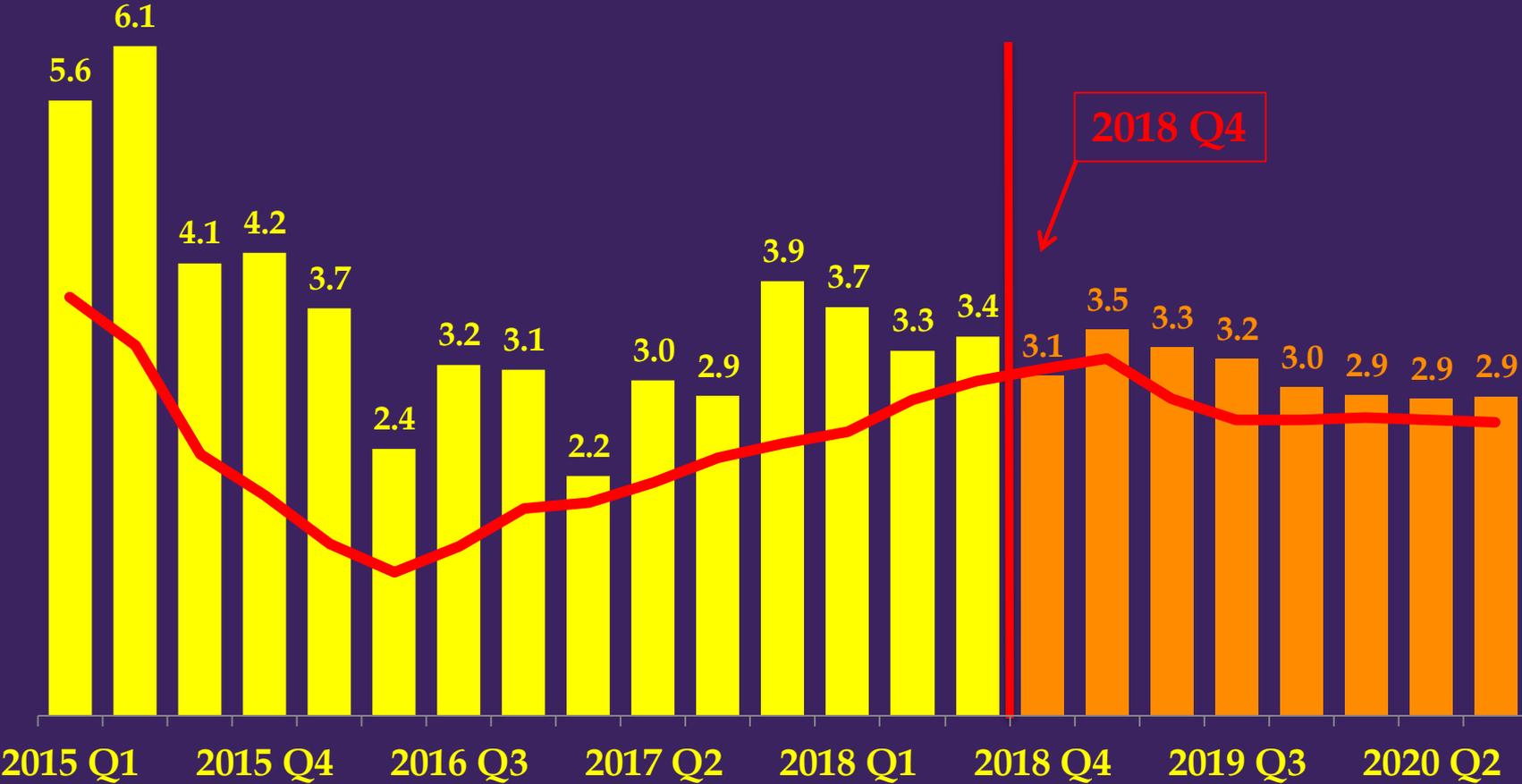
Real Gross Domestic Product Growth



Center for Economic Research and Forecasting
California - (saar q-o-q percent change)

United States

Real Gross Domestic Product Growth

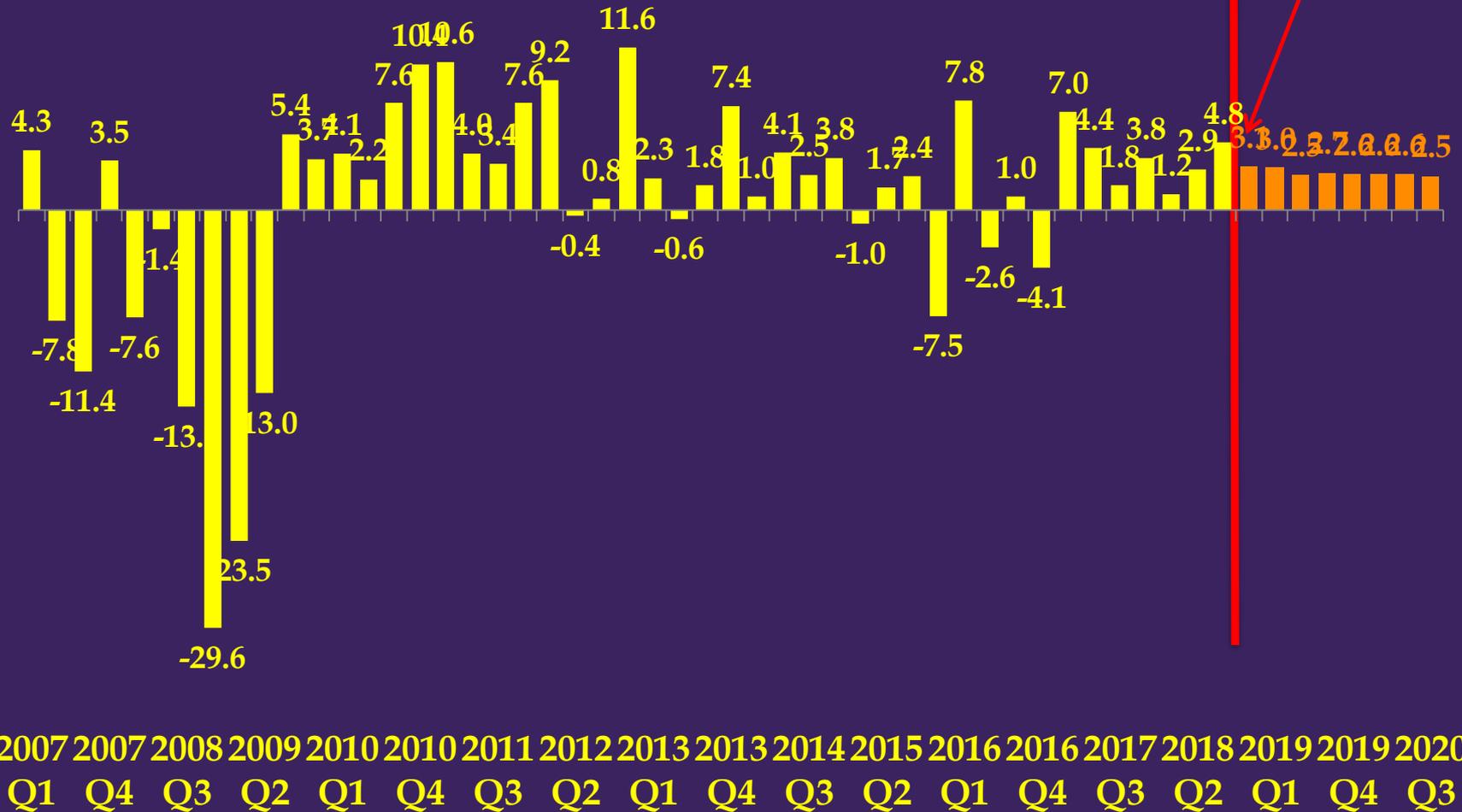


Center for Economic Research and Forecasting
California - (y-o-y percent change)

United States

Real Taxable Sales Growth

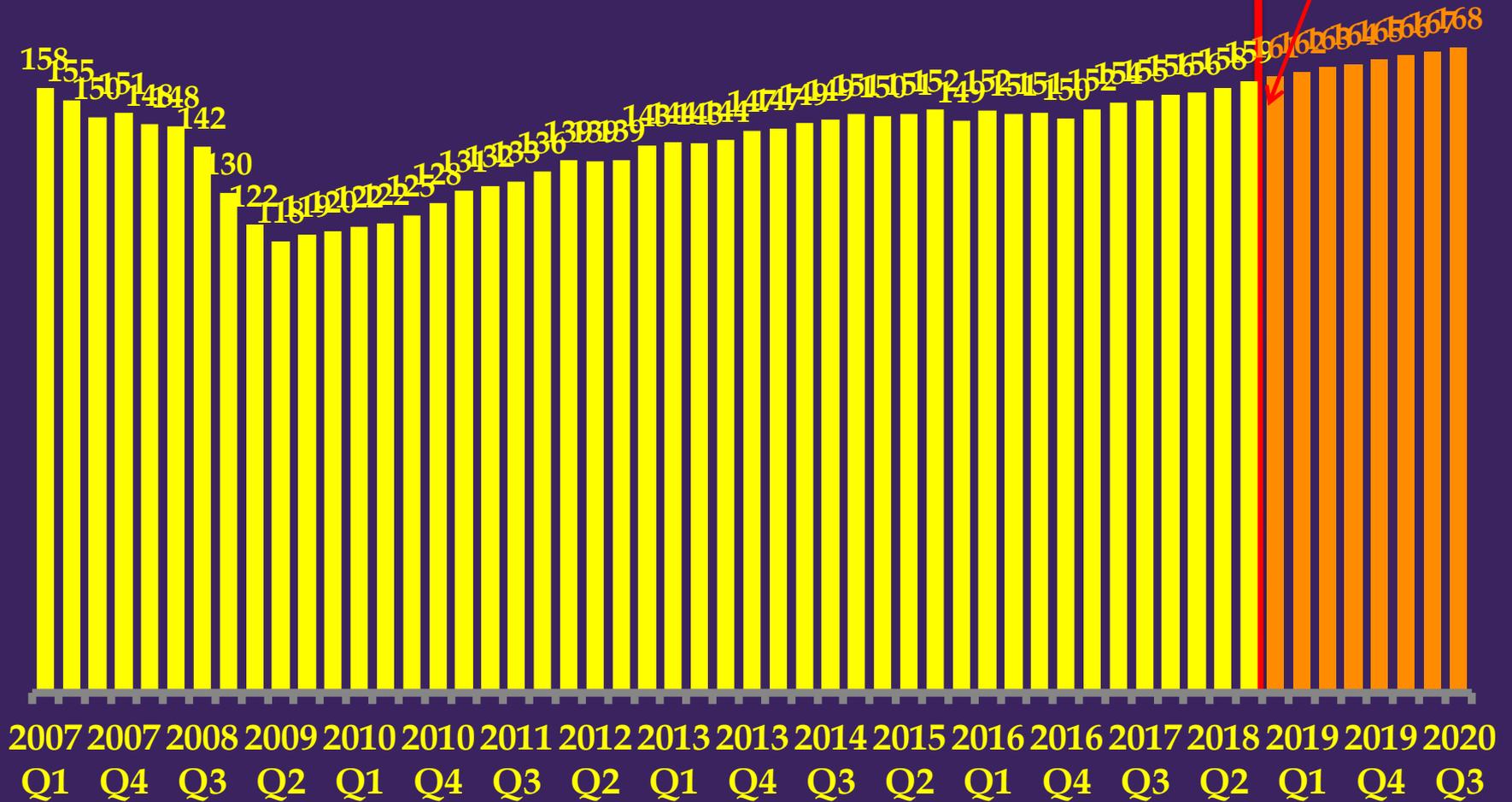
2018 Q4



Center for Economic Research and Forecasting
California - (saar q-o-q percent change)

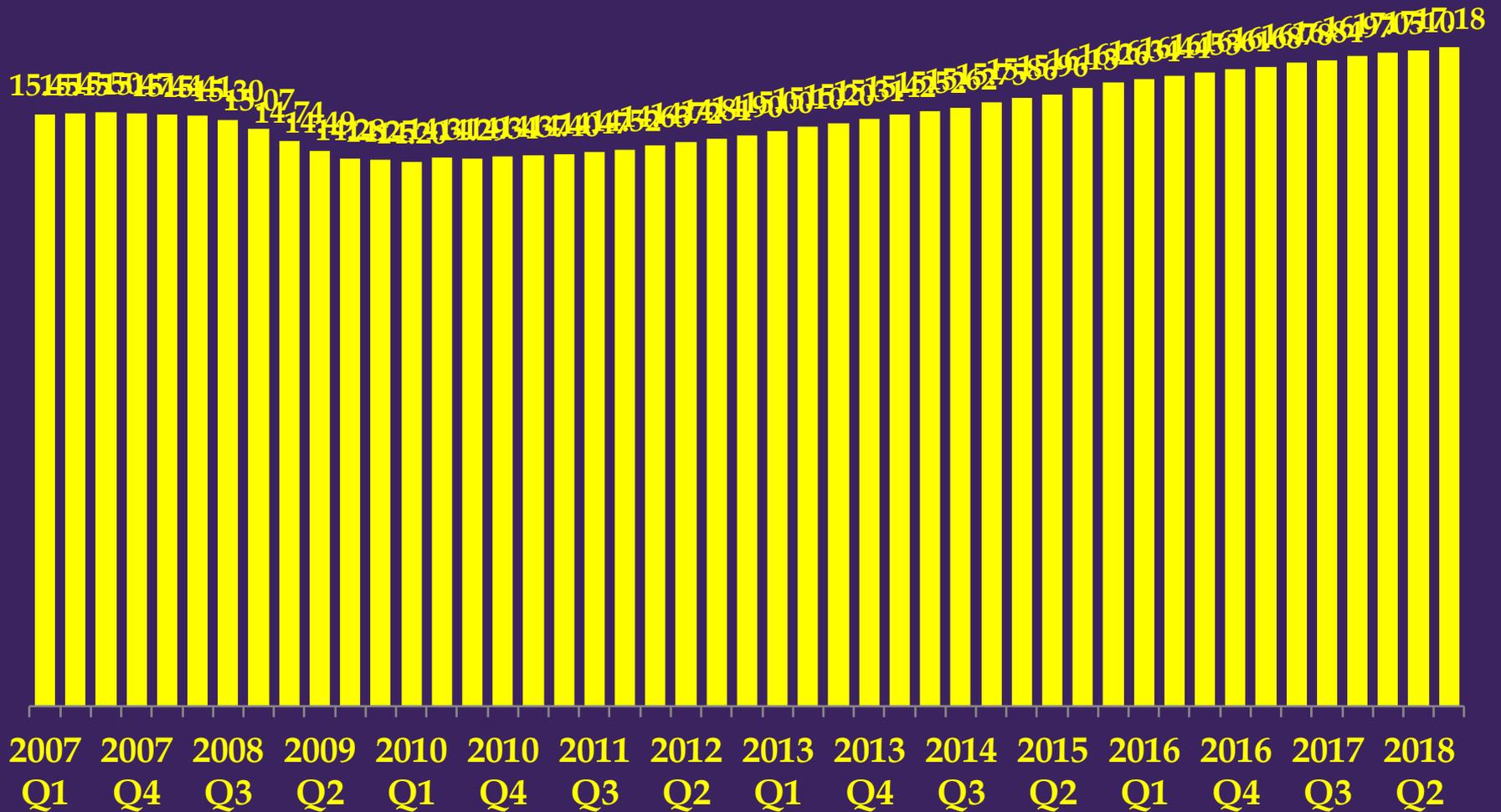
Real Taxable Sales

2018 Q4



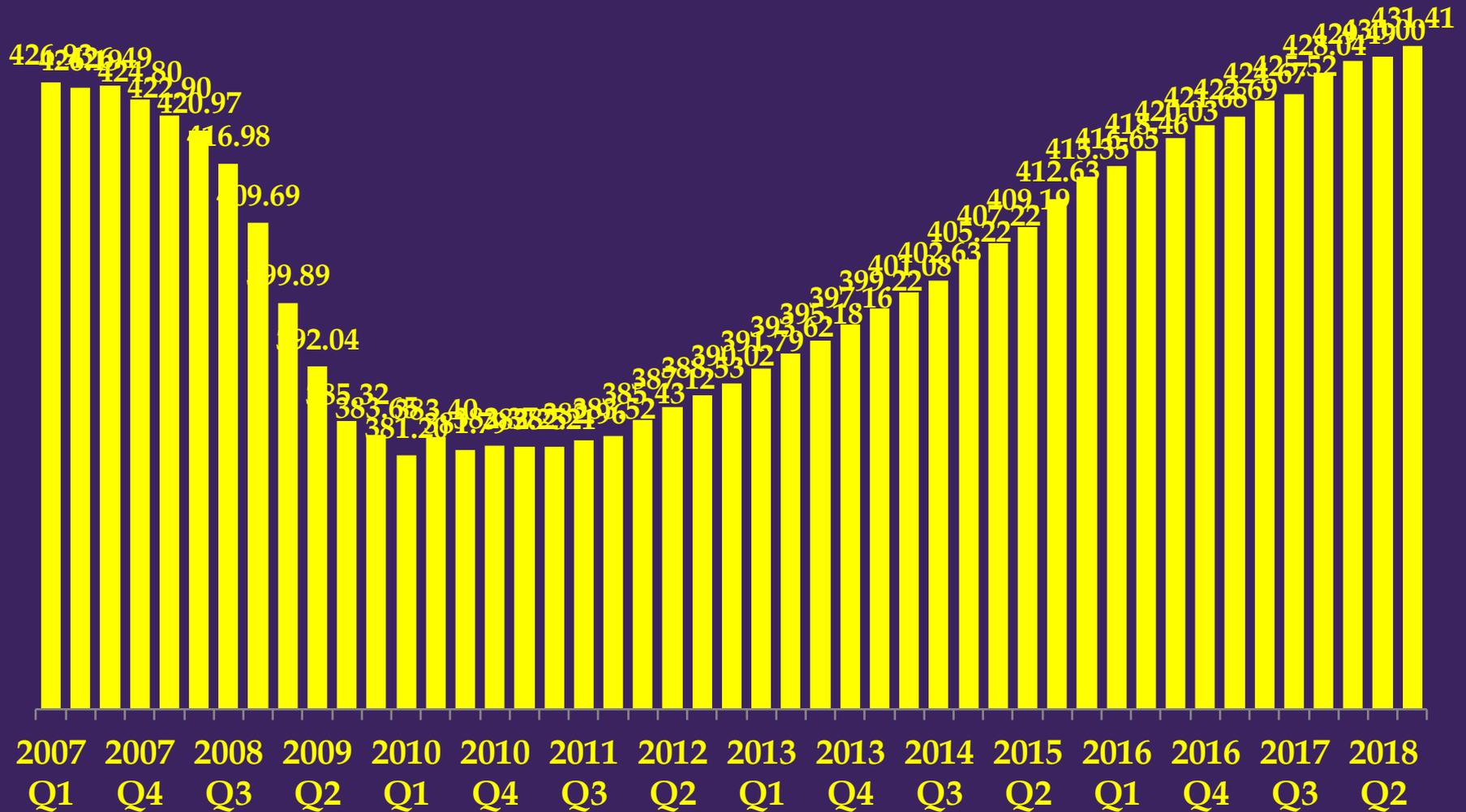
Center for Economic Research and Forecasting
California - (billions of 2009 Q3 dollars (SA))

Non-Farm Jobs-SA



Center for Economic Research and Forecasting
California - (millions of jobs)

Per Capita NonFarm Jobs



■ Center for Economic Research and Forecasting
California - (Nonfarm jobs per thousand population)

Non-Farm Jobs-SA



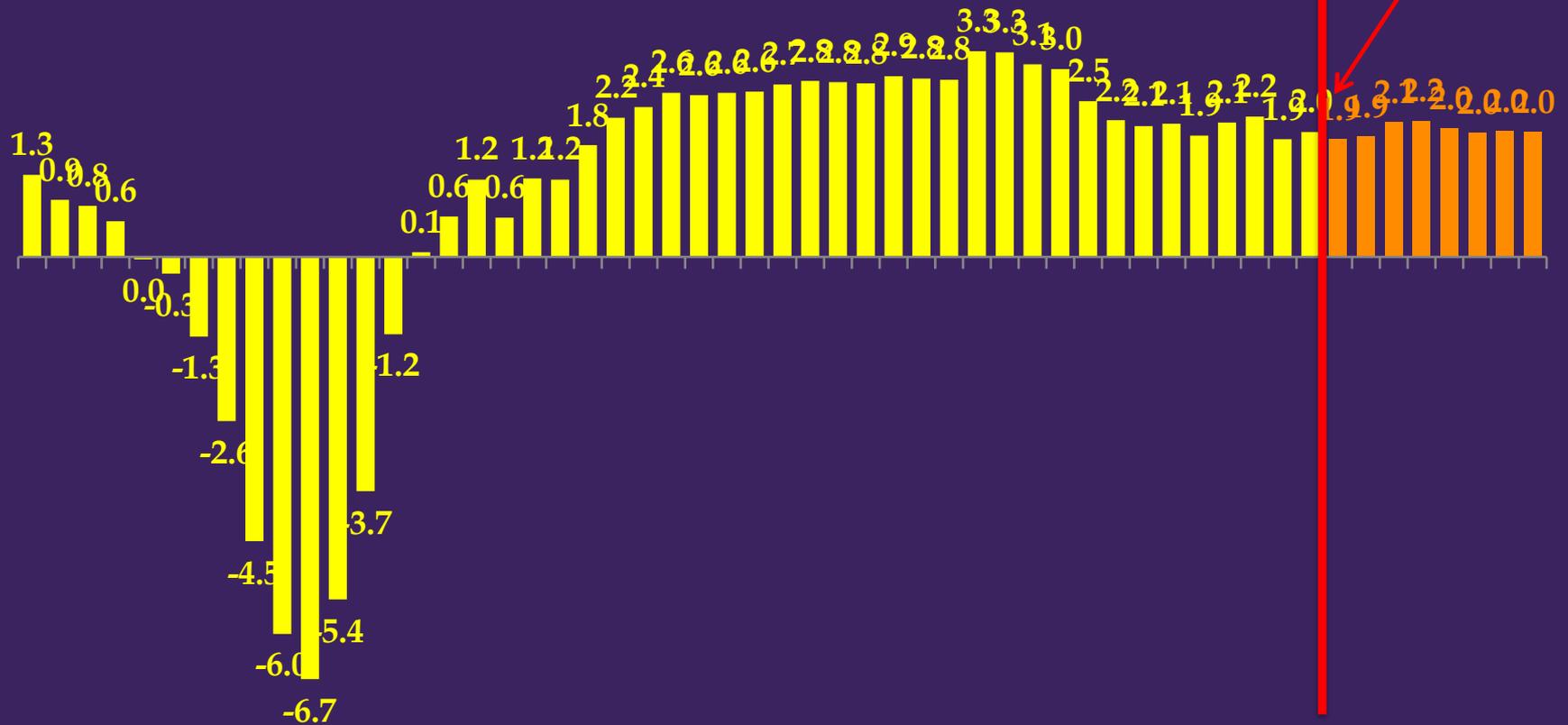
Center for Economic Research and Forecasting
California - (millions of jobs)

Non-Farm Jobs-SA



Center for Economic Research and Forecasting
California - (millions of jobs)

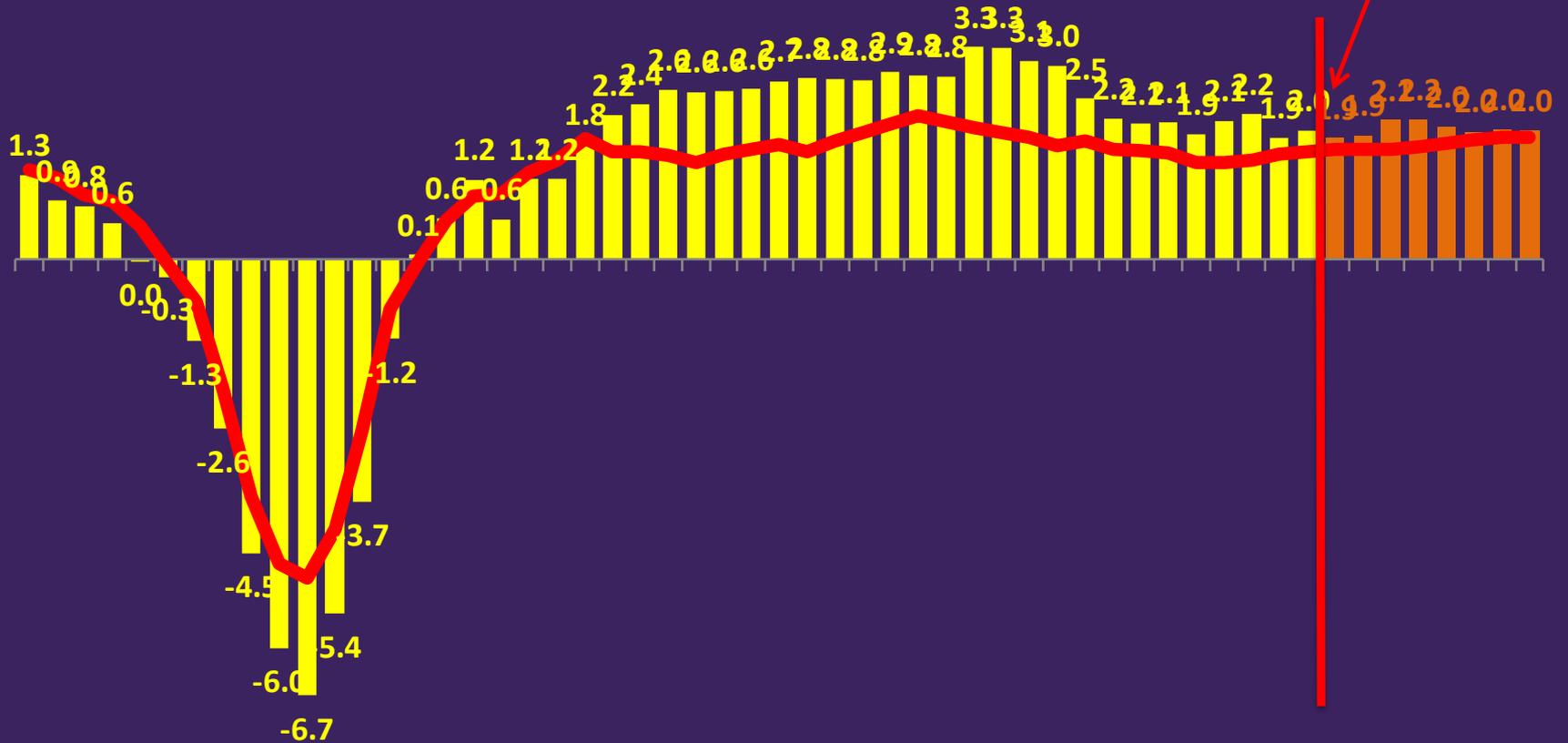
Non-Farm Jobs-SA



2007 2007 2008 2009 2010 2010 2011 2012 2013 2013 2014 2015 2016 2016 2017 2018 2019 2019 2020
 Q1 Q4 Q3 Q2 Q1 Q4 Q3 Q2 Q1 Q4 Q3 Q2 Q1 Q4 Q3 Q2 Q1 Q4 Q3

Center for Economic Research and Forecasting
 California - (y-o-y percent change)

Non-Farm Jobs-SA



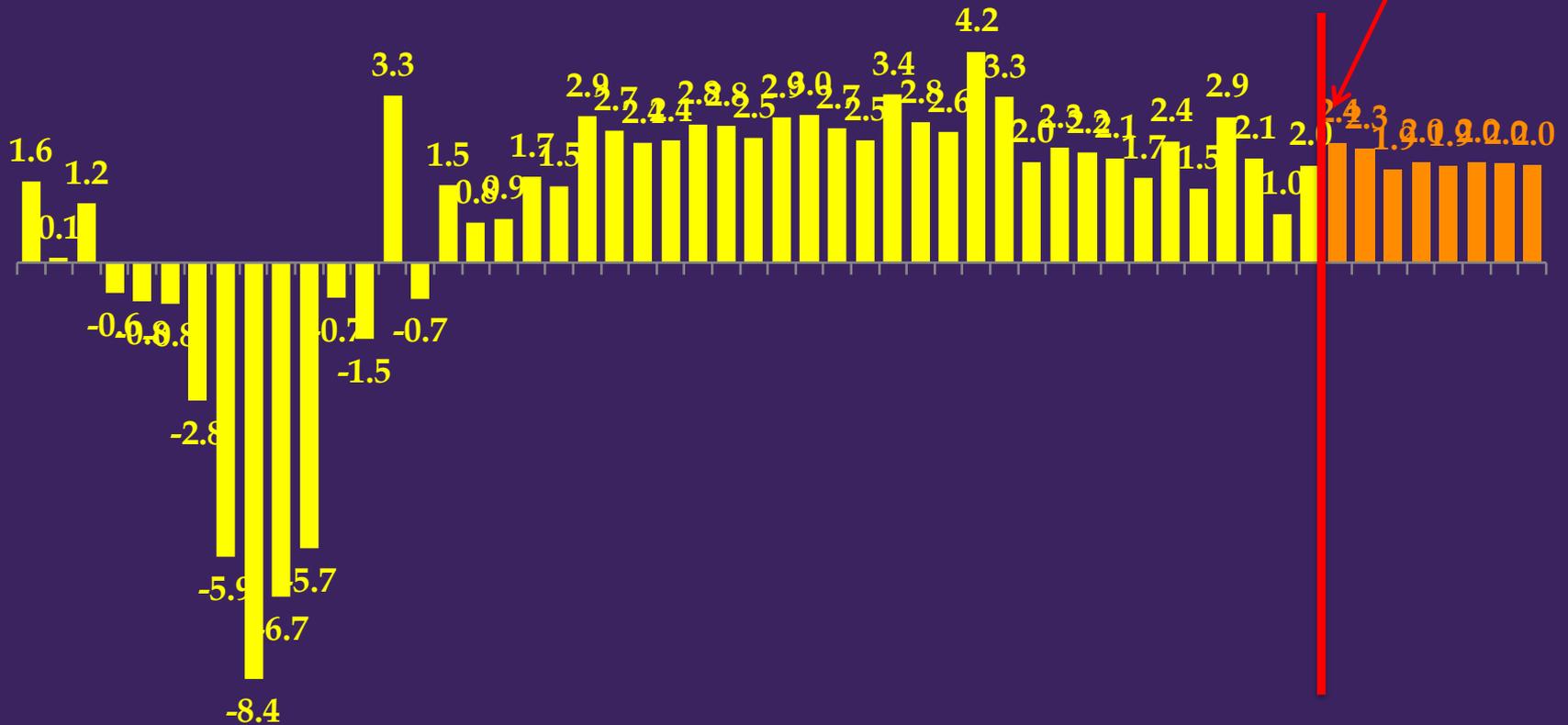
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 Q1 Q4 Q3 Q2 Q1 Q4 Q3 Q2 Q1 Q4 Q3 Q2 Q1 Q4 Q3 Q2 Q1 Q4 Q3

Center for Economic Research and Forecasting
 California - (y-o-y percent change)

United States

Non-Farm Jobs-SA

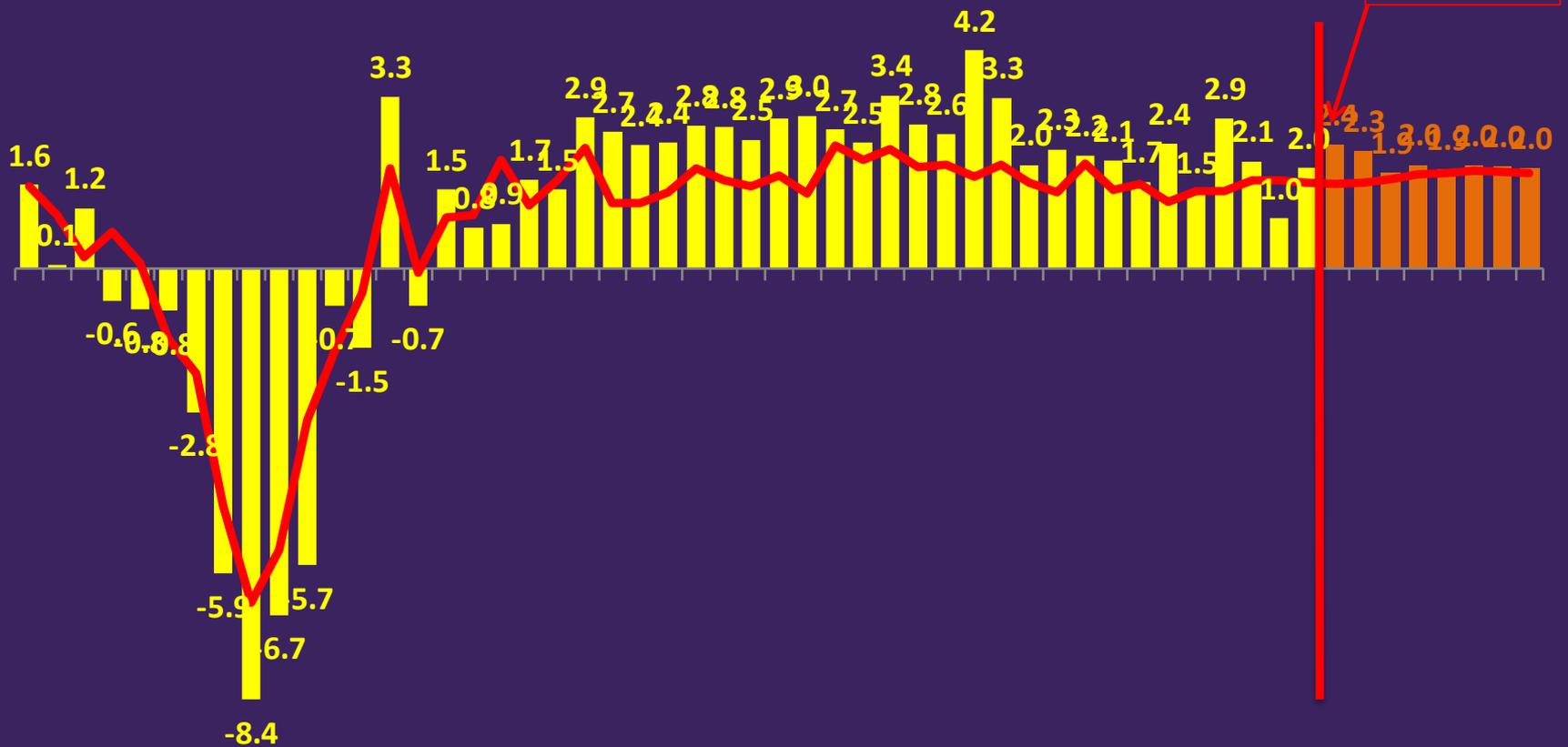
2018 Q4



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Center for Economic Research and Forecasting
California - (saar q-o-q percent change)

Non-Farm Jobs-SA



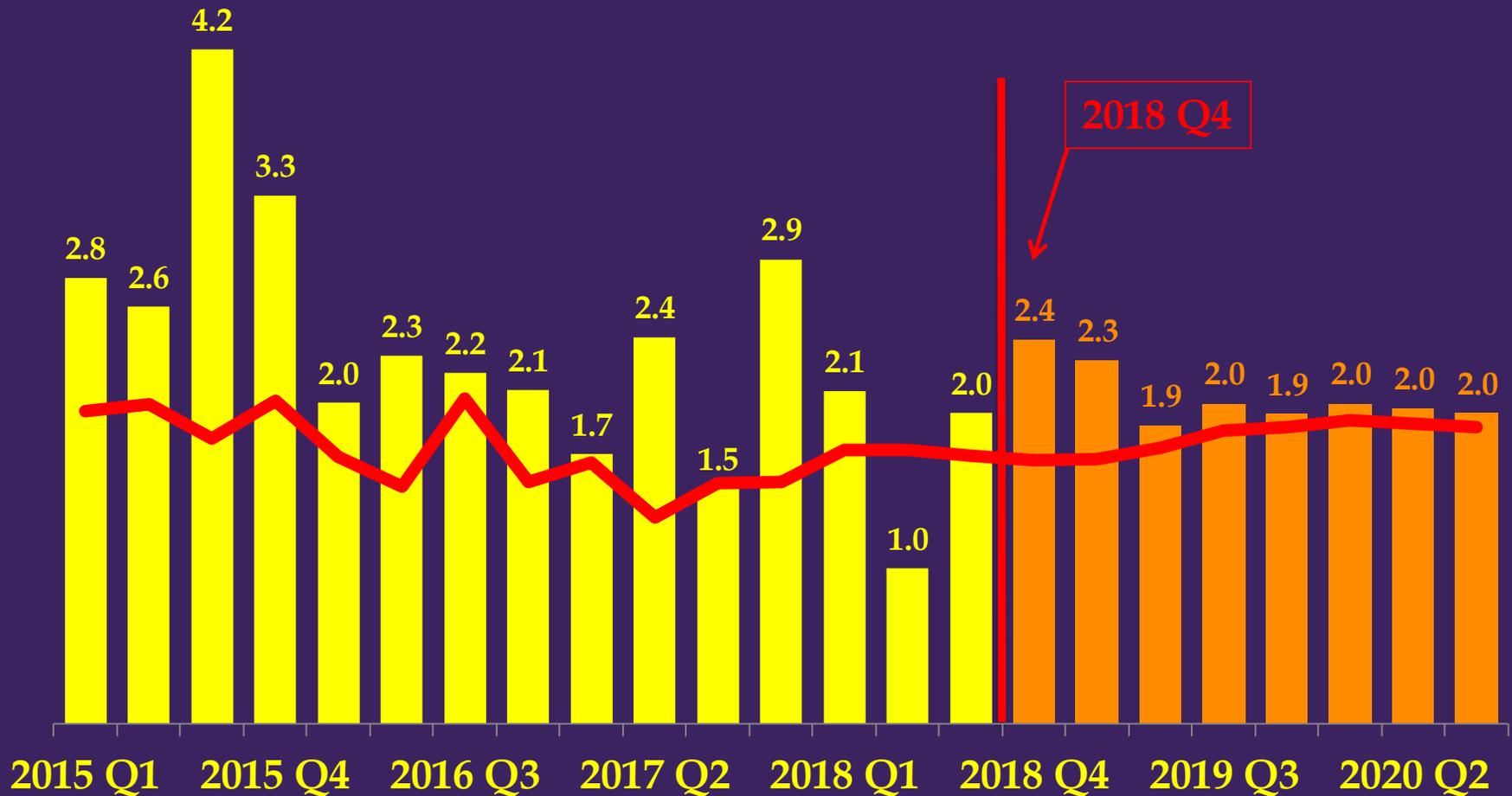
2018 Q4

2007 Q1 2007 Q4 2008 Q3 2009 Q2 2010 Q1 2010 Q4 2011 Q3 2012 Q2 2013 Q1 2013 Q4 2014 Q3 2015 Q2 2016 Q1 2016 Q4 2017 Q3 2018 Q2 2019 Q1 2019 Q4 2020 Q3

Center for Economic Research and Forecasting
California - (saar q-o-q percent change)

United States

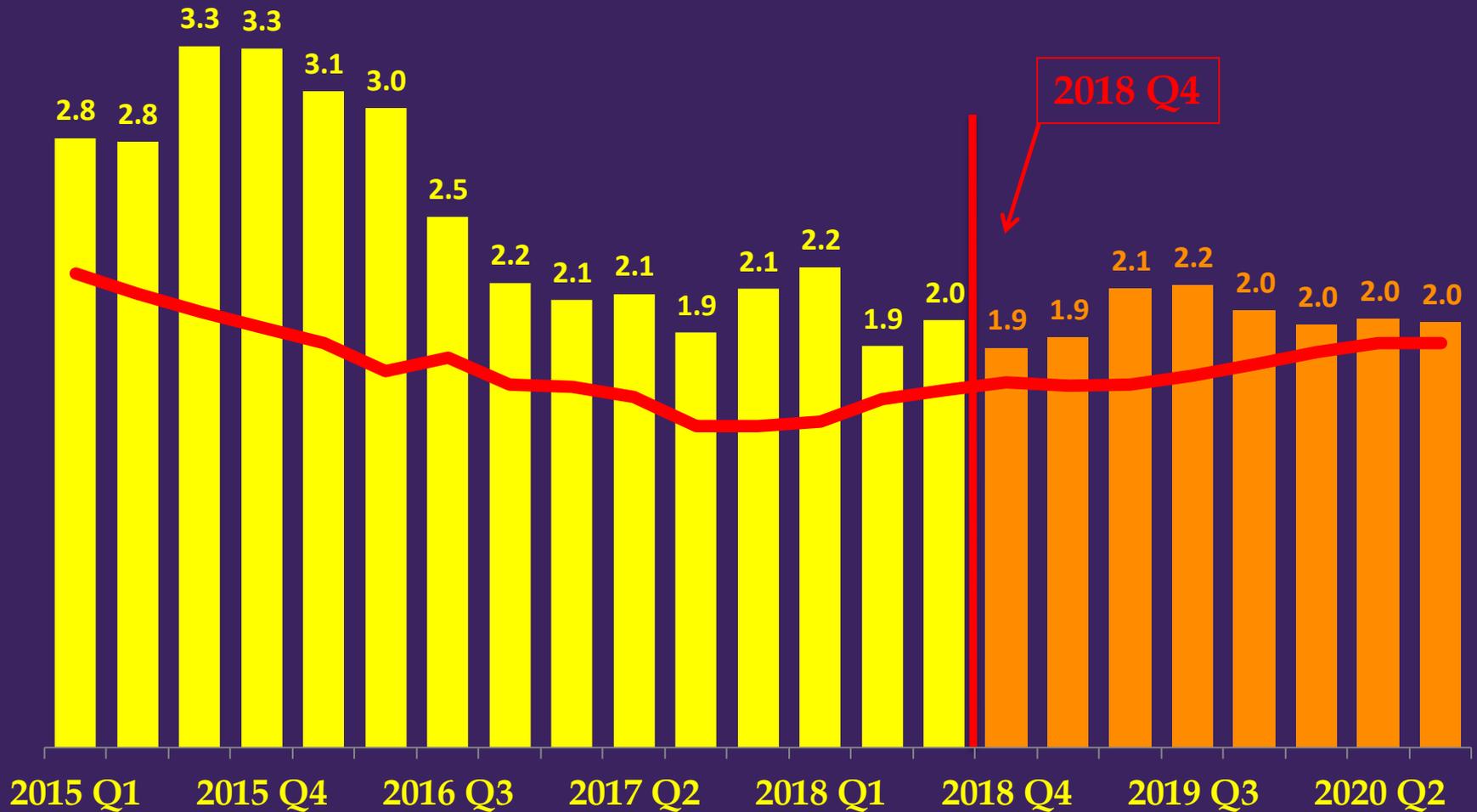
Non-Farm Jobs-SA



Center for Economic Research and Forecasting
California - (saar q-o-q percent change)

United States

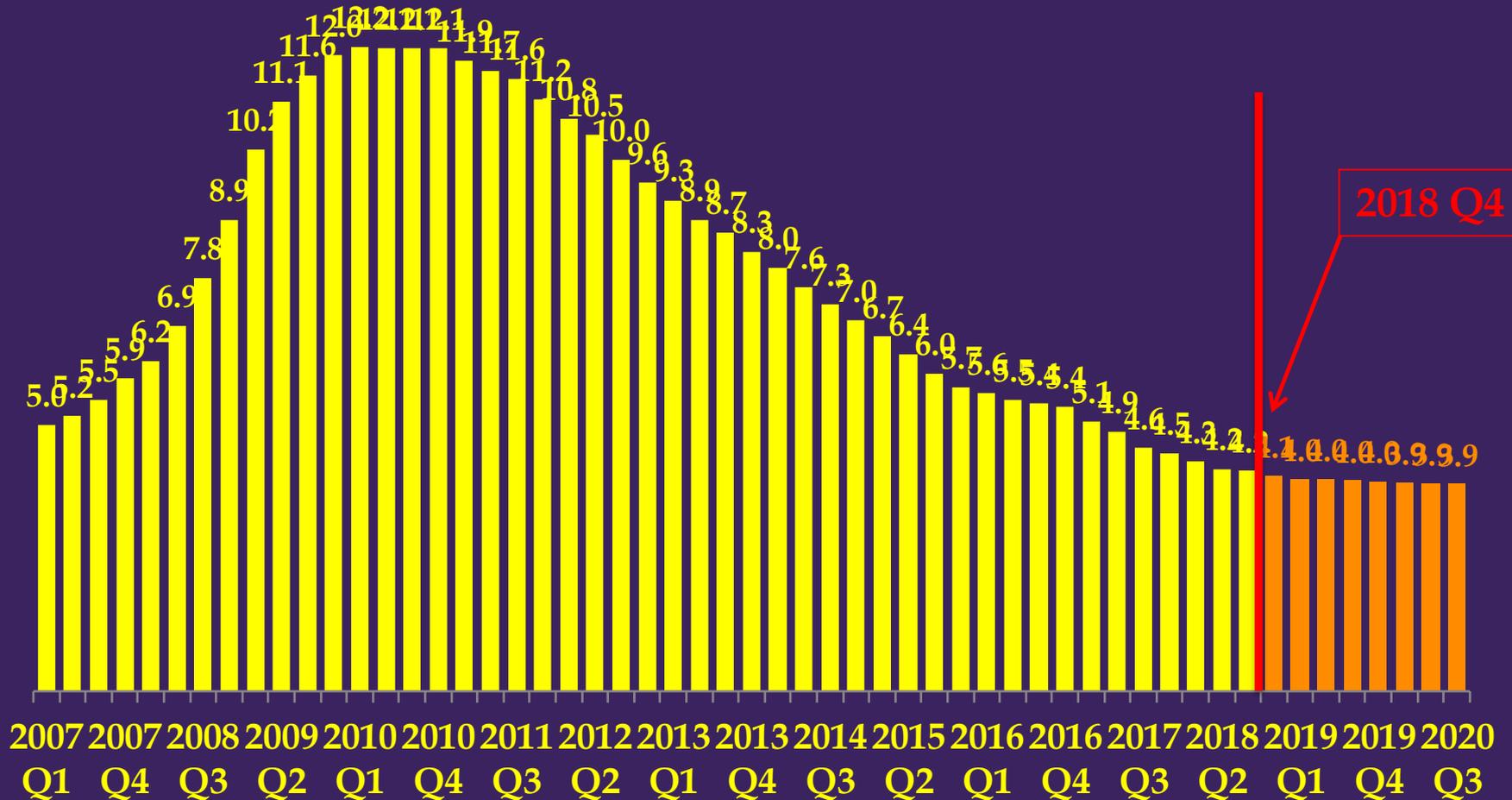
Non-Farm Jobs-SA



Center for Economic Research and Forecasting
California - (y-o-y percent change)

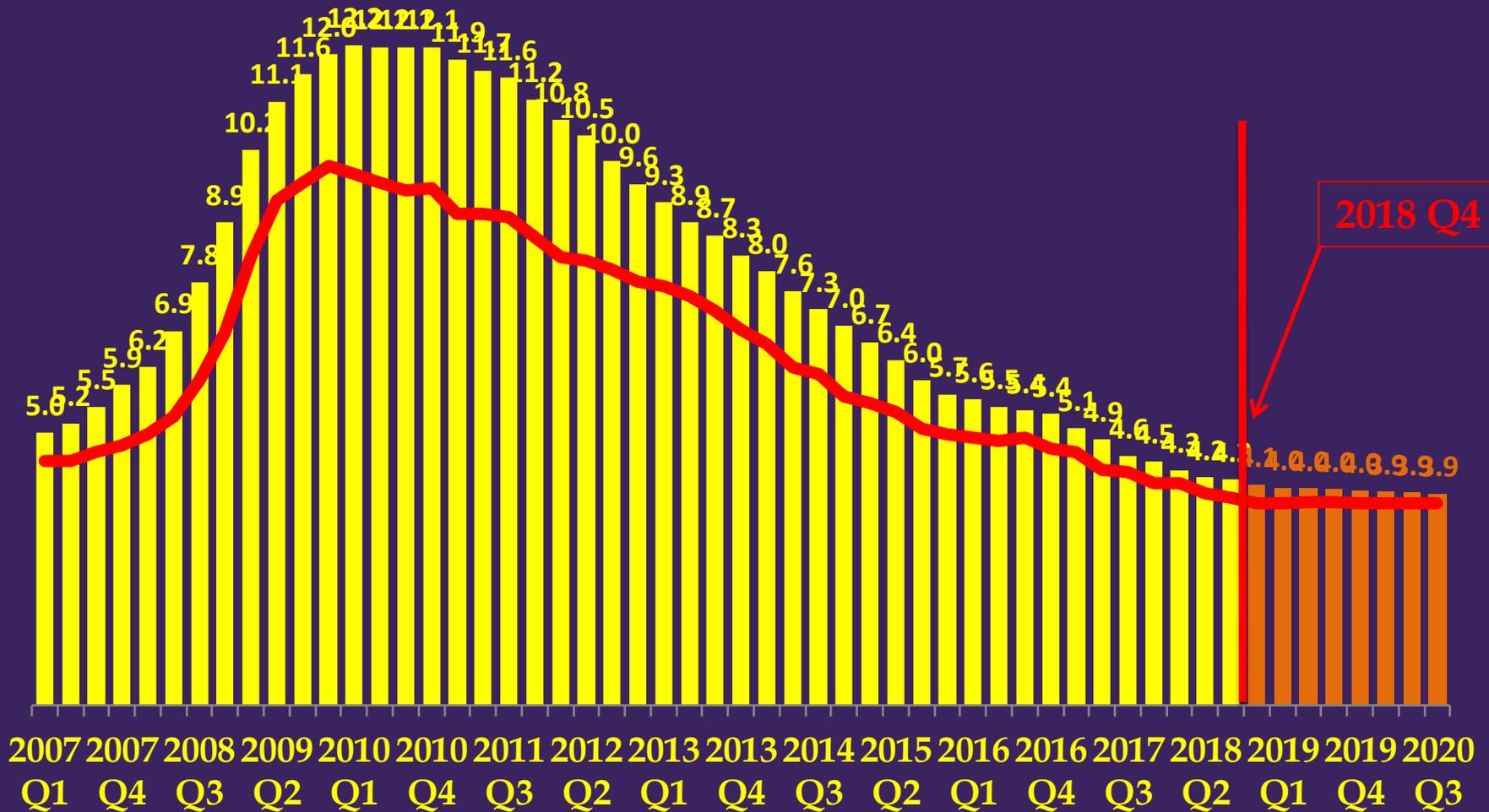
United States

Unemployment Rate-SA



Center for Economic Research and Forecasting
California - (percent of labor force)

Unemployment Rate-SA

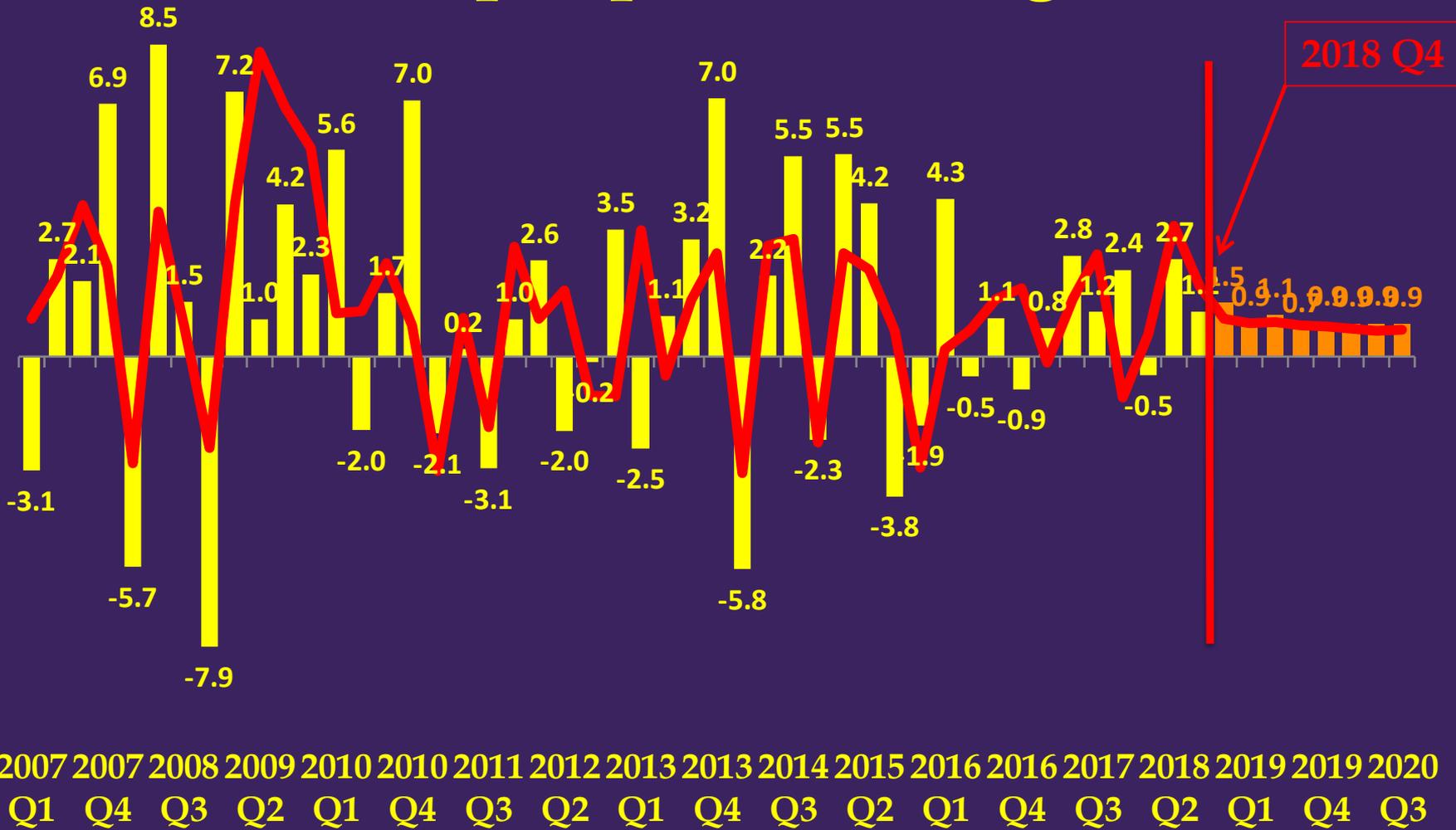


Center for Economic Research and Forecasting
California - (percent of labor force)

United States

2018 Q4

Real Output per Worker growth

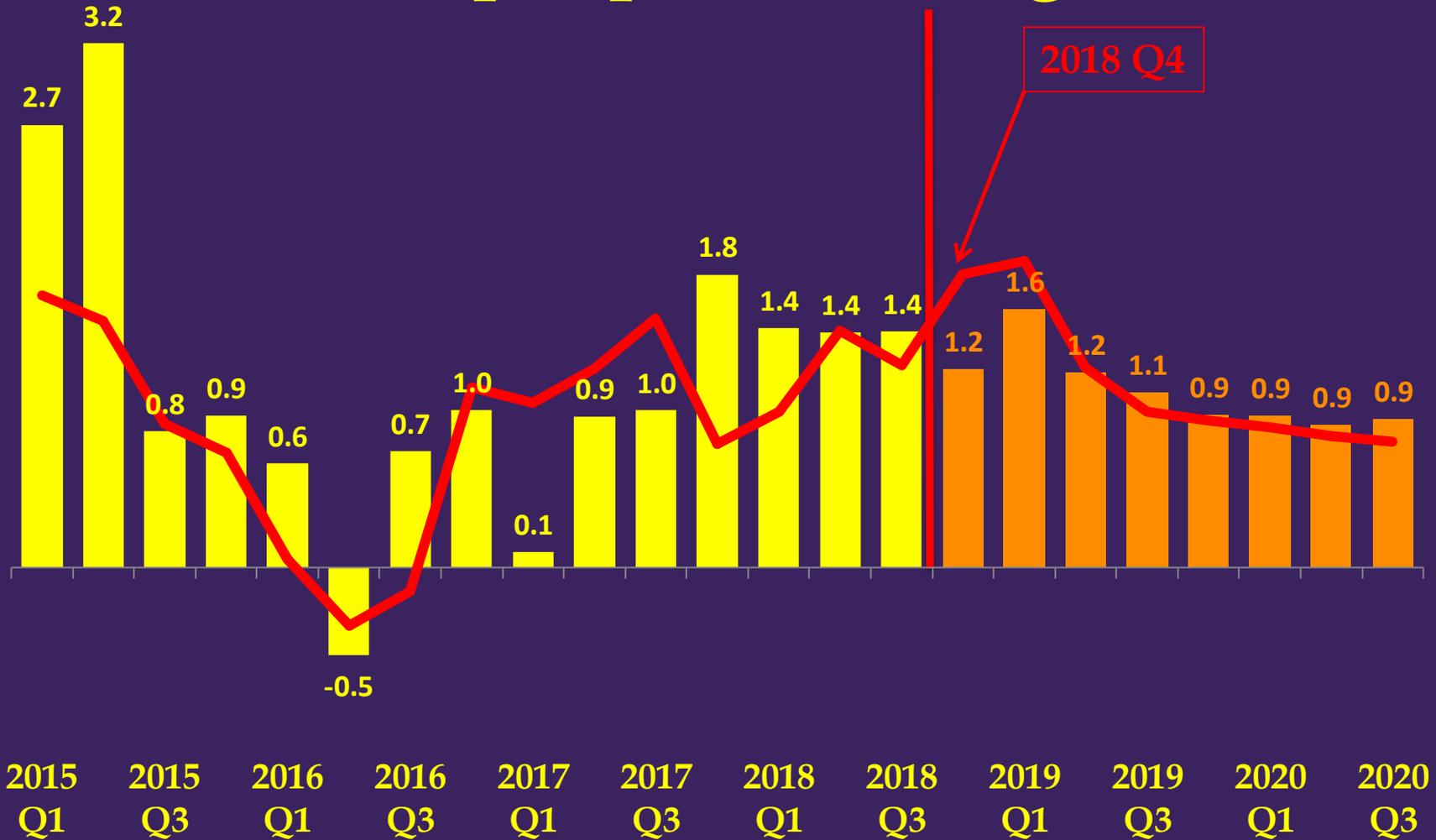


2018 Q4

2007 2007 2008 2009 2010 2010 2011 2012 2013 2013 2014 2015 2016 2016 2017 2018 2019 2019 2020
 Q1 Q4 Q3 Q2 Q1 Q4 Q3 Q2 Q1 Q4 Q3 Q2 Q1 Q4 Q3 Q2 Q1 Q4 Q3

Center for Economic Research and Forecasting United States
 California - (saar q-o-q percent change)

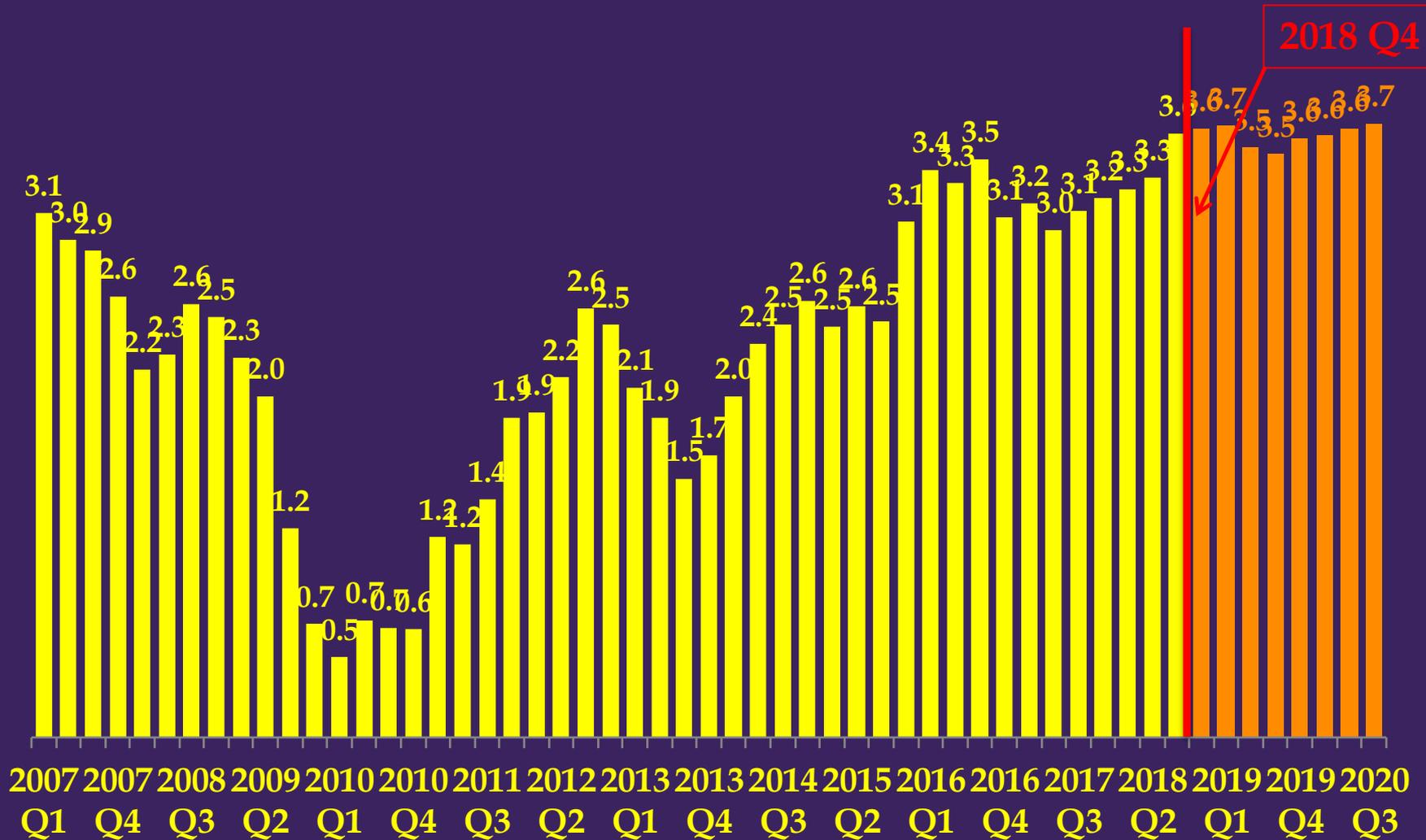
Real Output per Worker growth



Center for Economic Research and Forecasting
California - (y-o-y percent change)

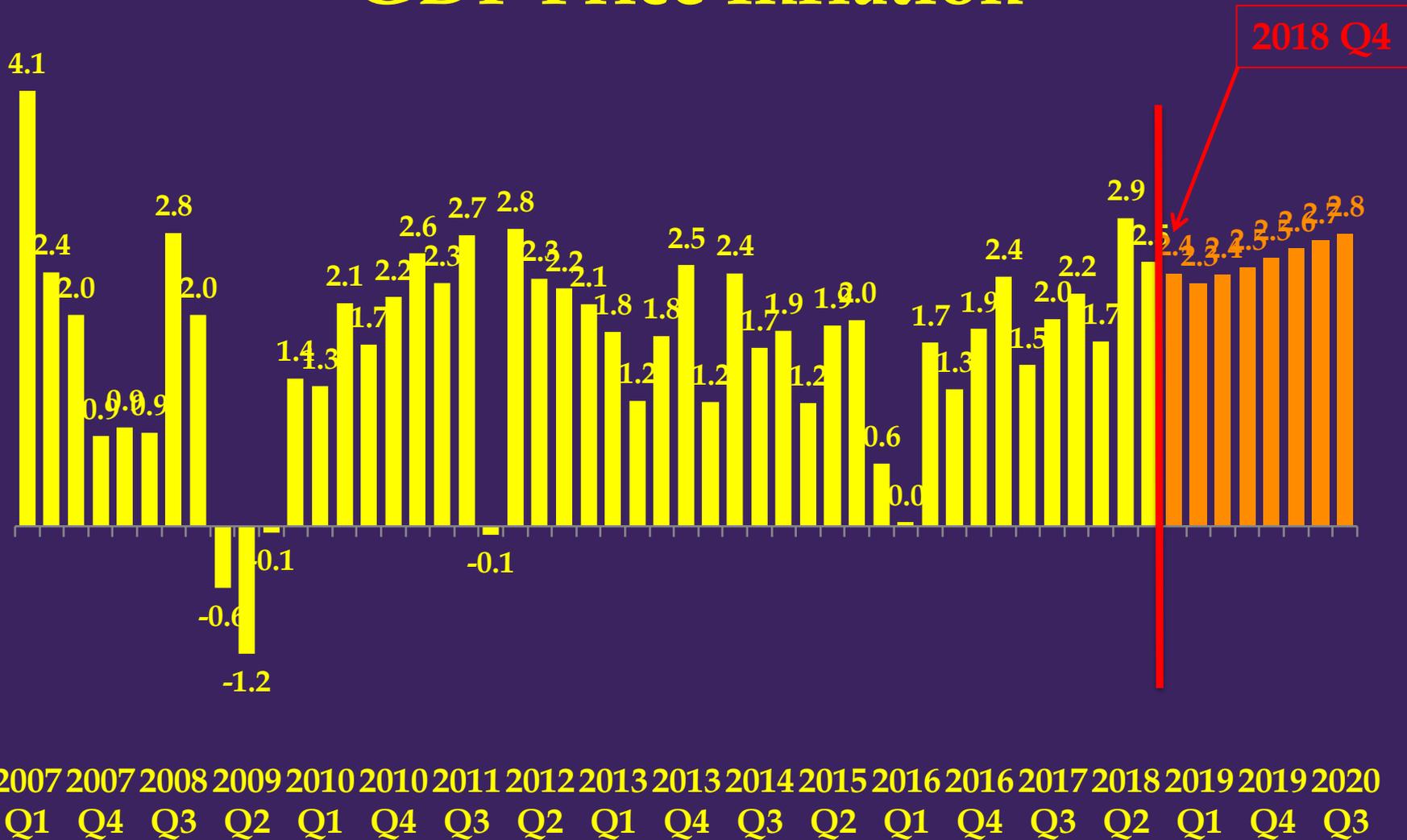
United States

Core Consumer Price Index-NSA



Center for Economic Research and Forecasting
California - (y-o-y percent change)

GDP Price Inflation



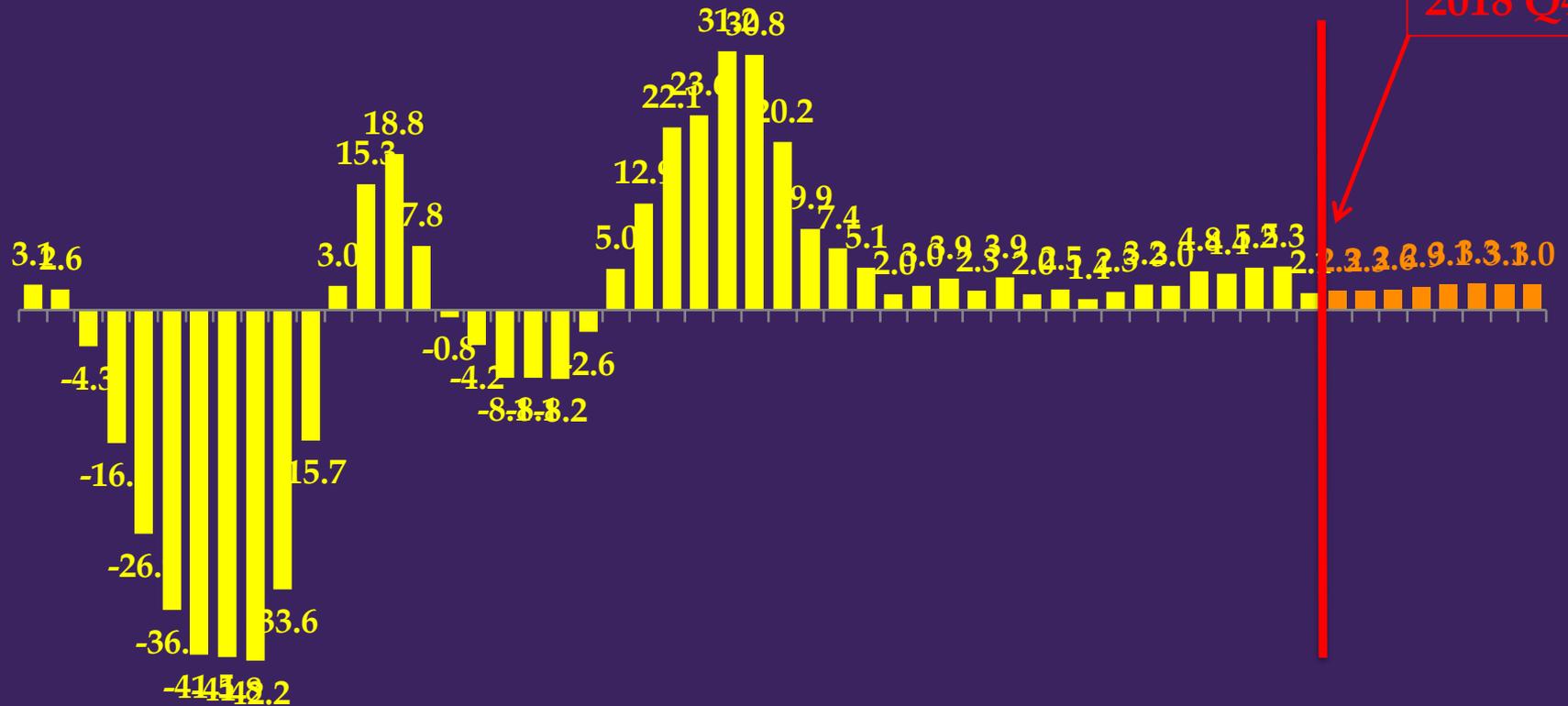
Center for Economic Research and Forecasting
California - (ar q-o-q percent change)

Real Median Home Price: Existing Single-family Homes



Center for Economic Research and Forecasting
California - (thousands of 2009 Q3 dollars)

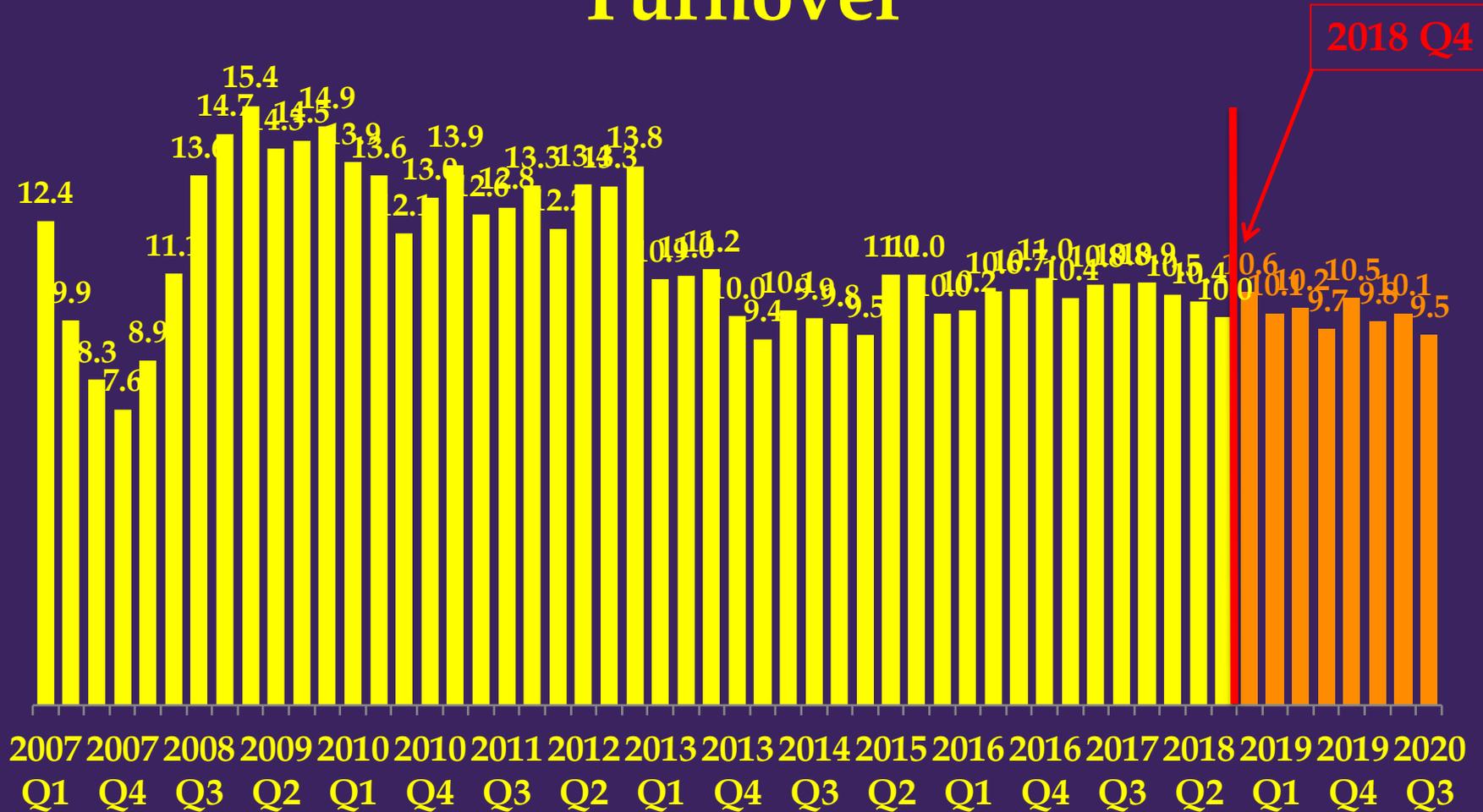
Real Median Home Price Growth: Existing Single-family Homes



2007 2007 2008 2009 2010 2010 2011 2012 2013 2013 2014 2015 2016 2016 2017 2018 2019 2019 2020
 Q1 Q4 Q3 Q2 Q1 Q4 Q3 Q2 Q1 Q4 Q3 Q2 Q1 Q4 Q3 Q2 Q1 Q4 Q3

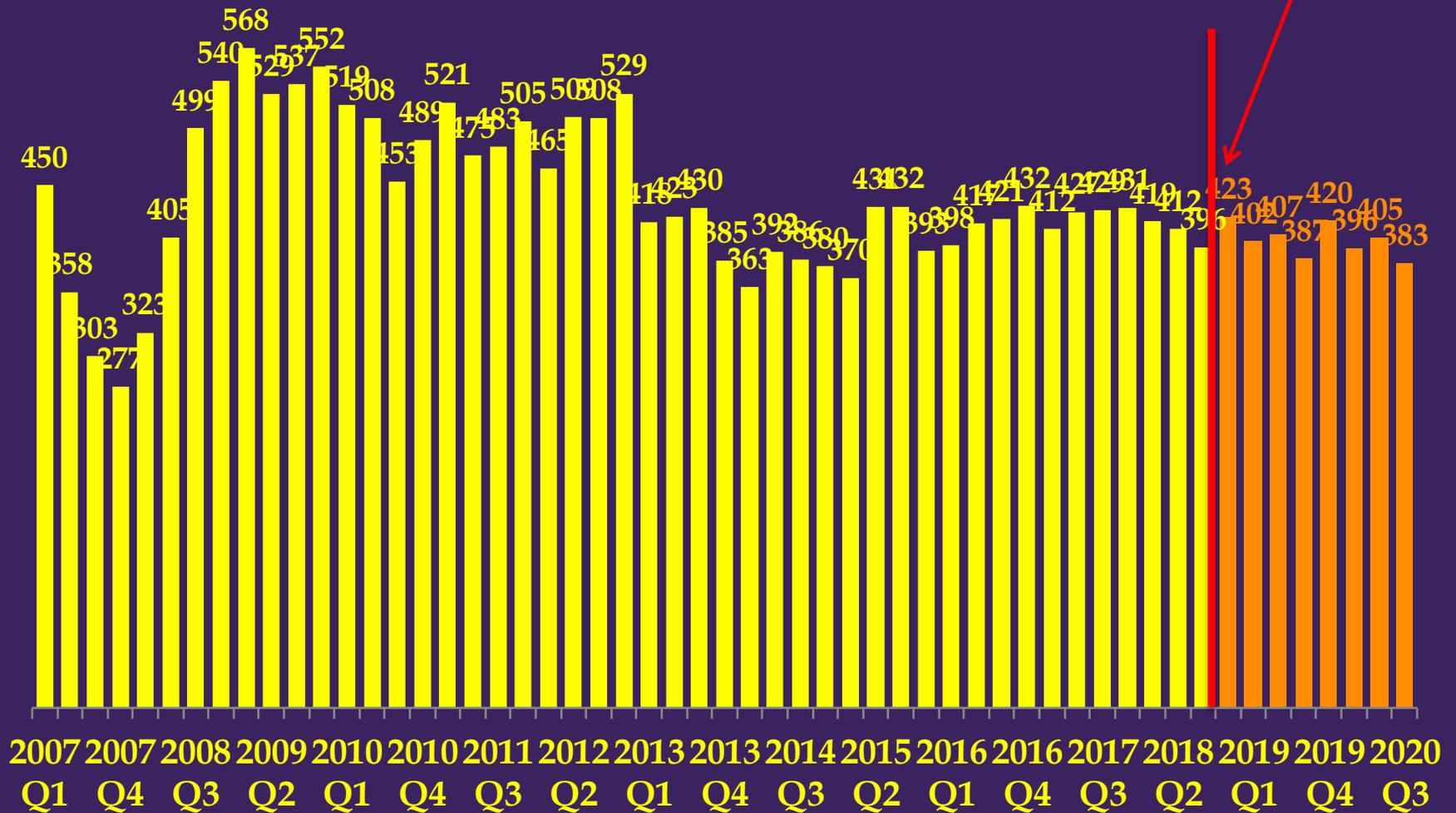
Center for Economic Research and Forecasting
 California - (y-o-y percent change)

Existing Single-family Home Turnover



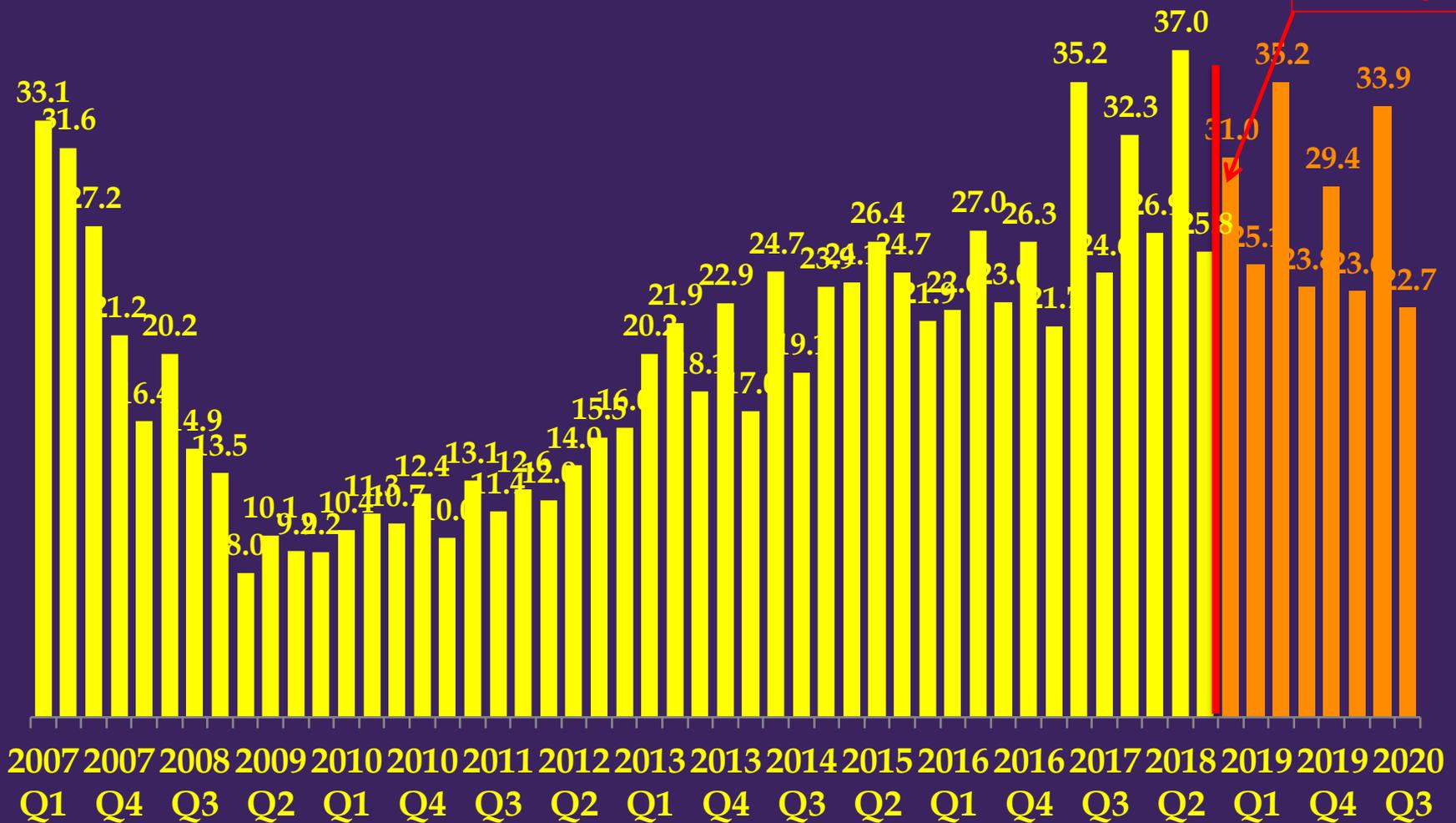
Center for Economic Research and Forecasting
California - (housing sales per thousand people)

Existing SFR Home Sales



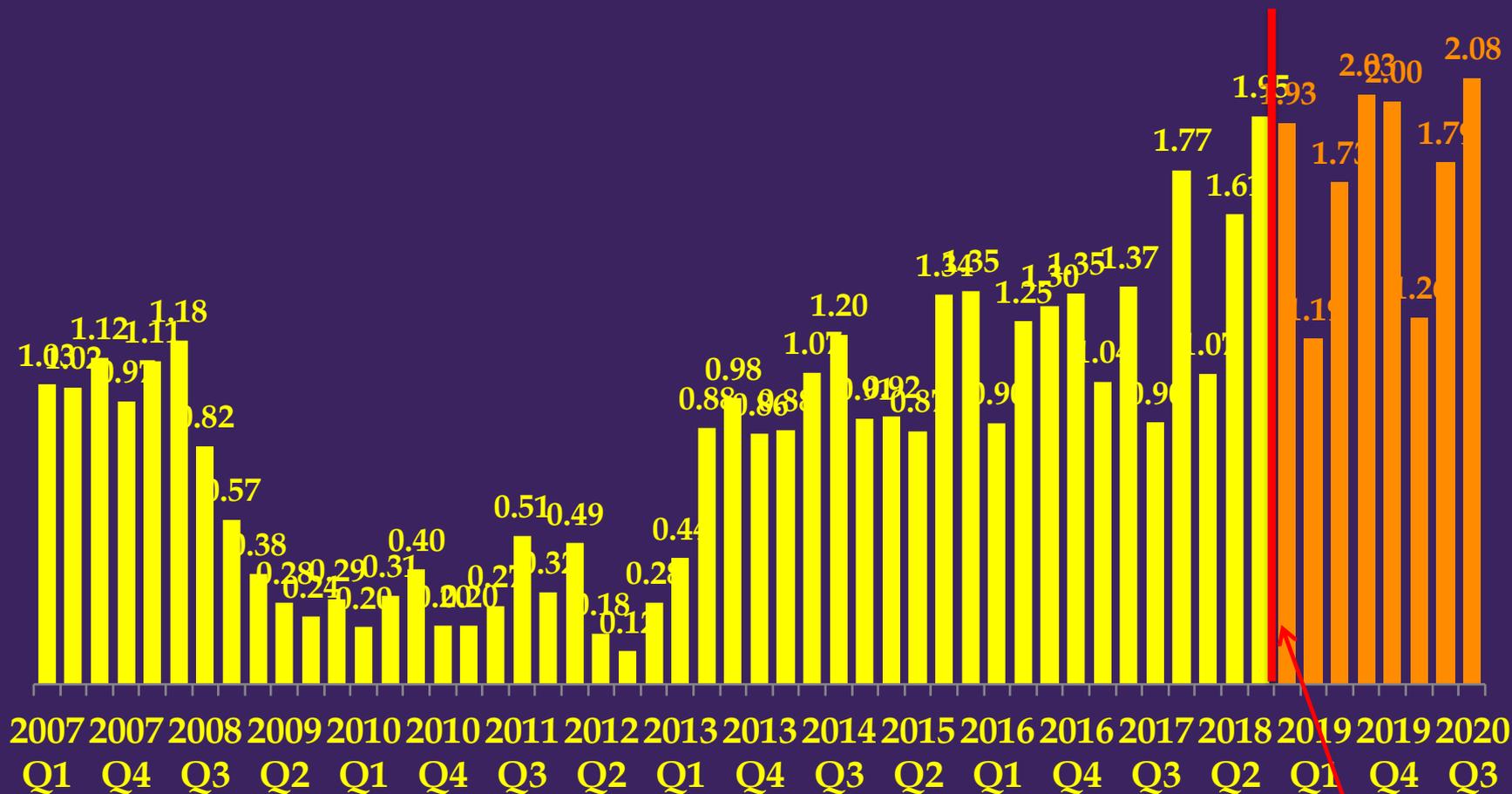
Center for Economic Research and Forecasting
California - (thousands of homes, SAAR)

New Home Building Permits



Center for Economic Research and Forecasting
California - (thousands of units, NSA)

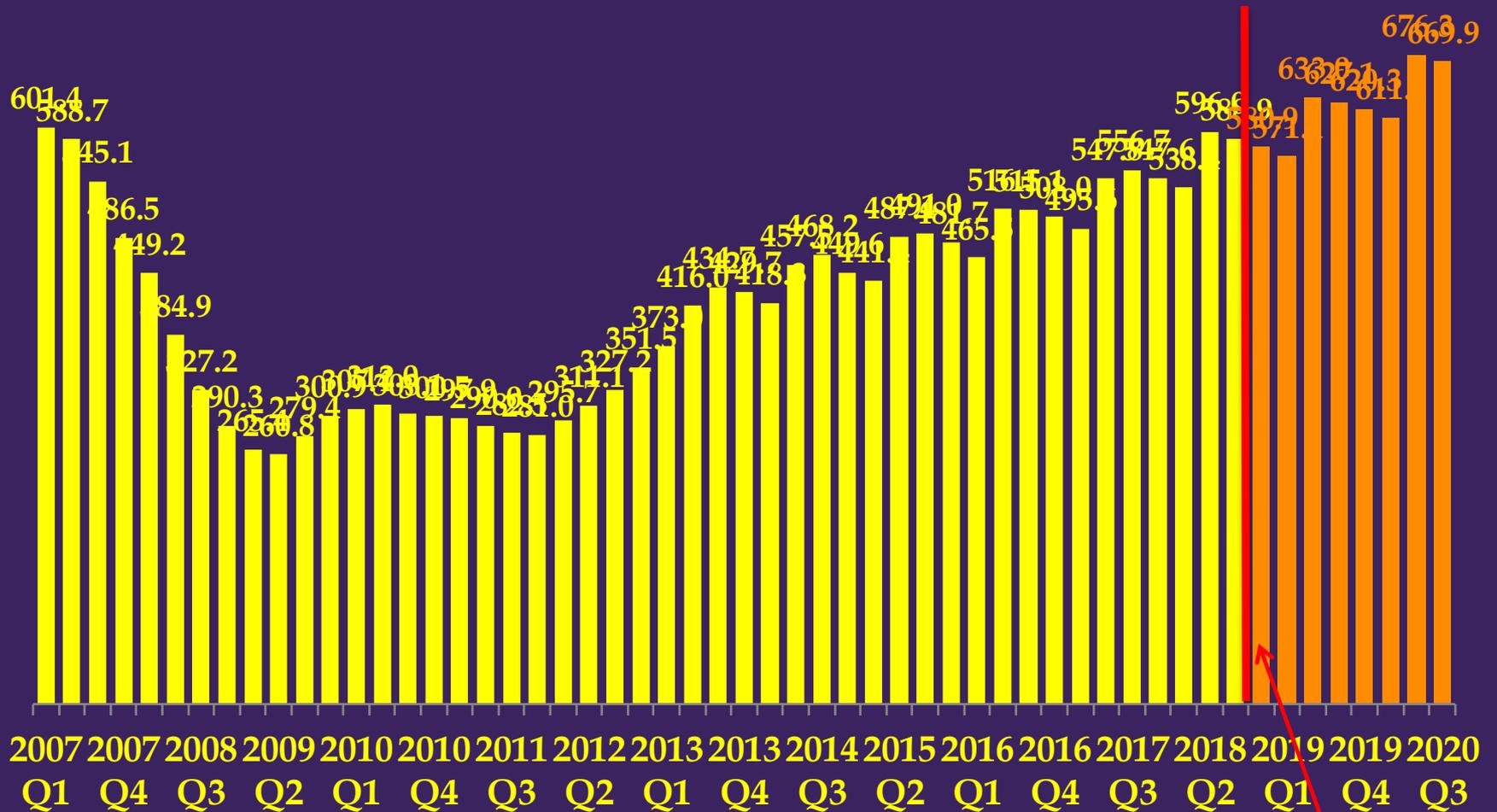
New Commercial Building Permit Value



2018 Q4

Center for Economic Research and Forecasting
California - (billions of dollars, NSA)

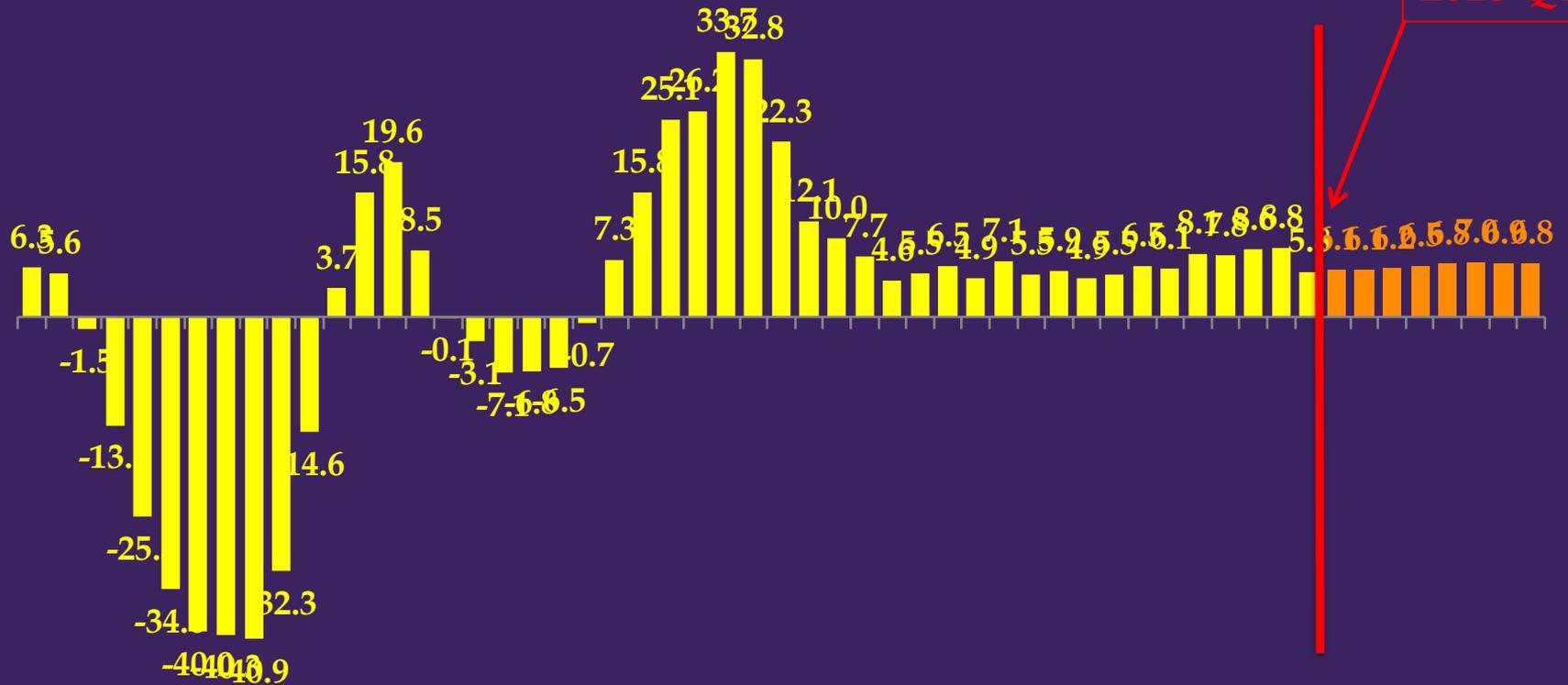
Existing SFR Median Home Price



2018 Q4

Center for Economic Research and Forecasting
California - (thousands of dollars)

Existing SFR Median Home Price Growth



2007 2007 2008 2009 2010 2010 2011 2012 2013 2013 2014 2015 2016 2016 2017 2018 2019 2019 2020
 Q1 Q4 Q3 Q2 Q1 Q4 Q3 Q2 Q1 Q4 Q3 Q2 Q1 Q4 Q3 Q2 Q1 Q4 Q3

Center for Economic Research and Forecasting
 California - (y-o-y percent change)