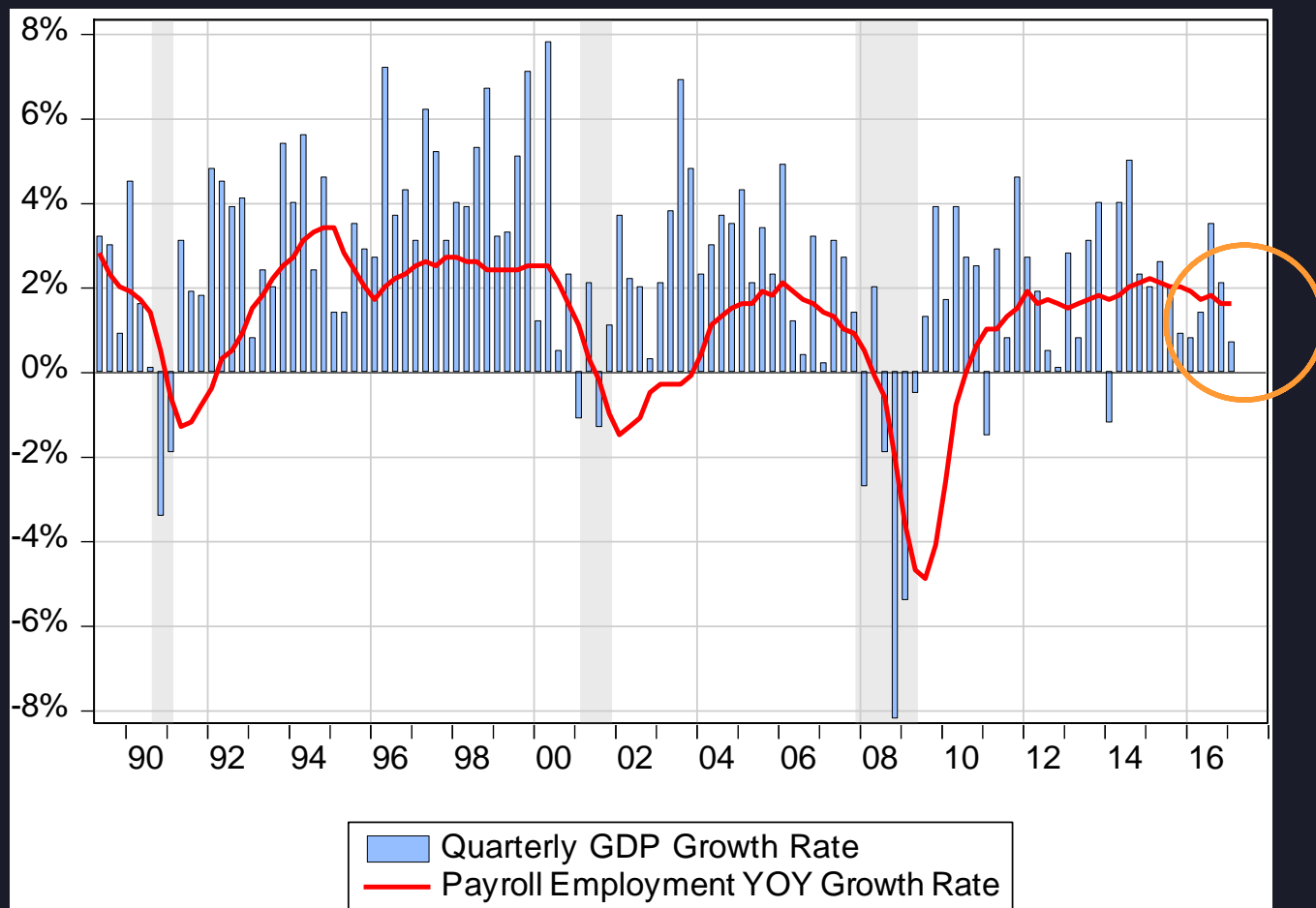


# The Economic Outlook and Orange County Taxable Sales

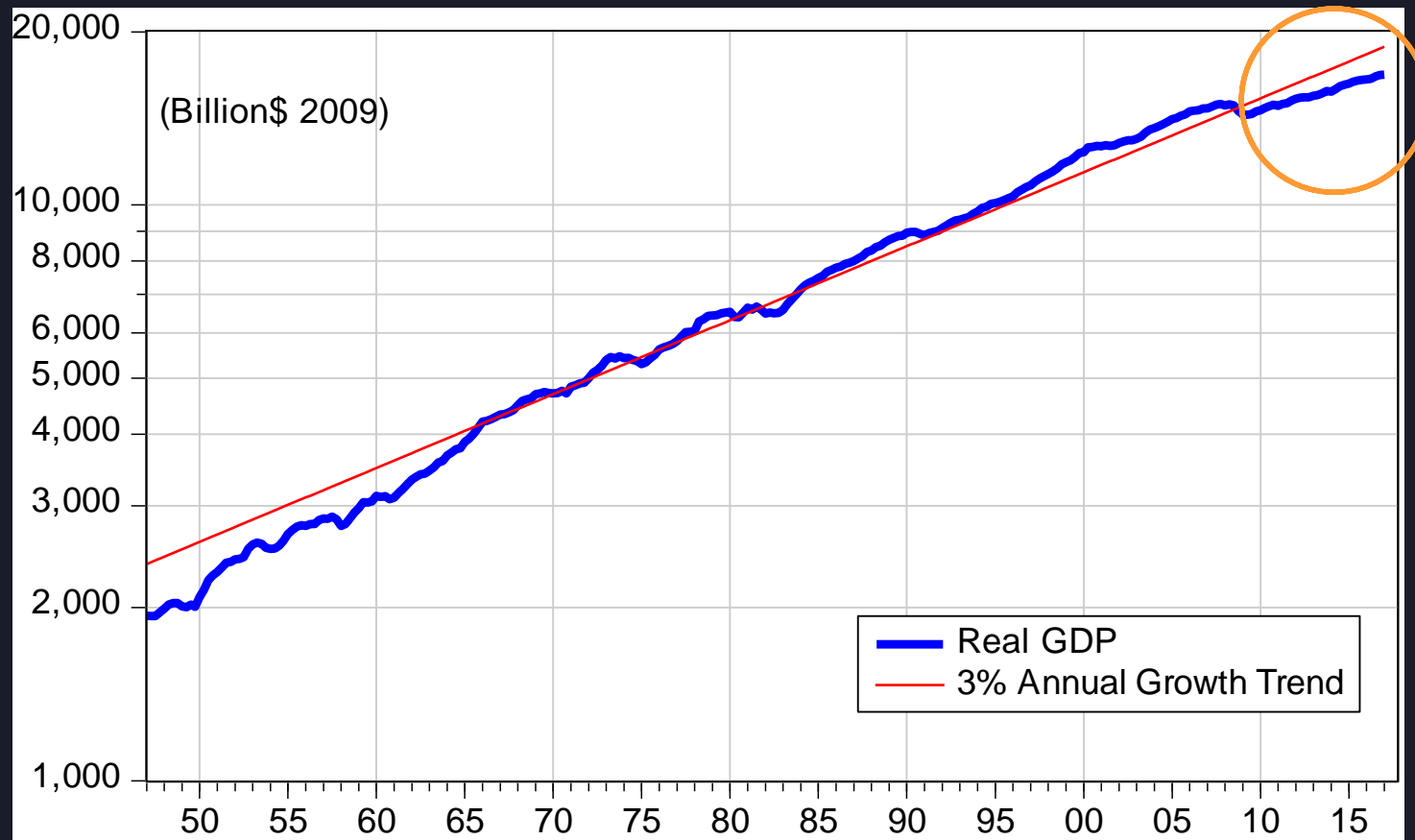
OCTA Briefing, June 28, 2017

William Yu  
Economist  
UCLA Anderson Forecast

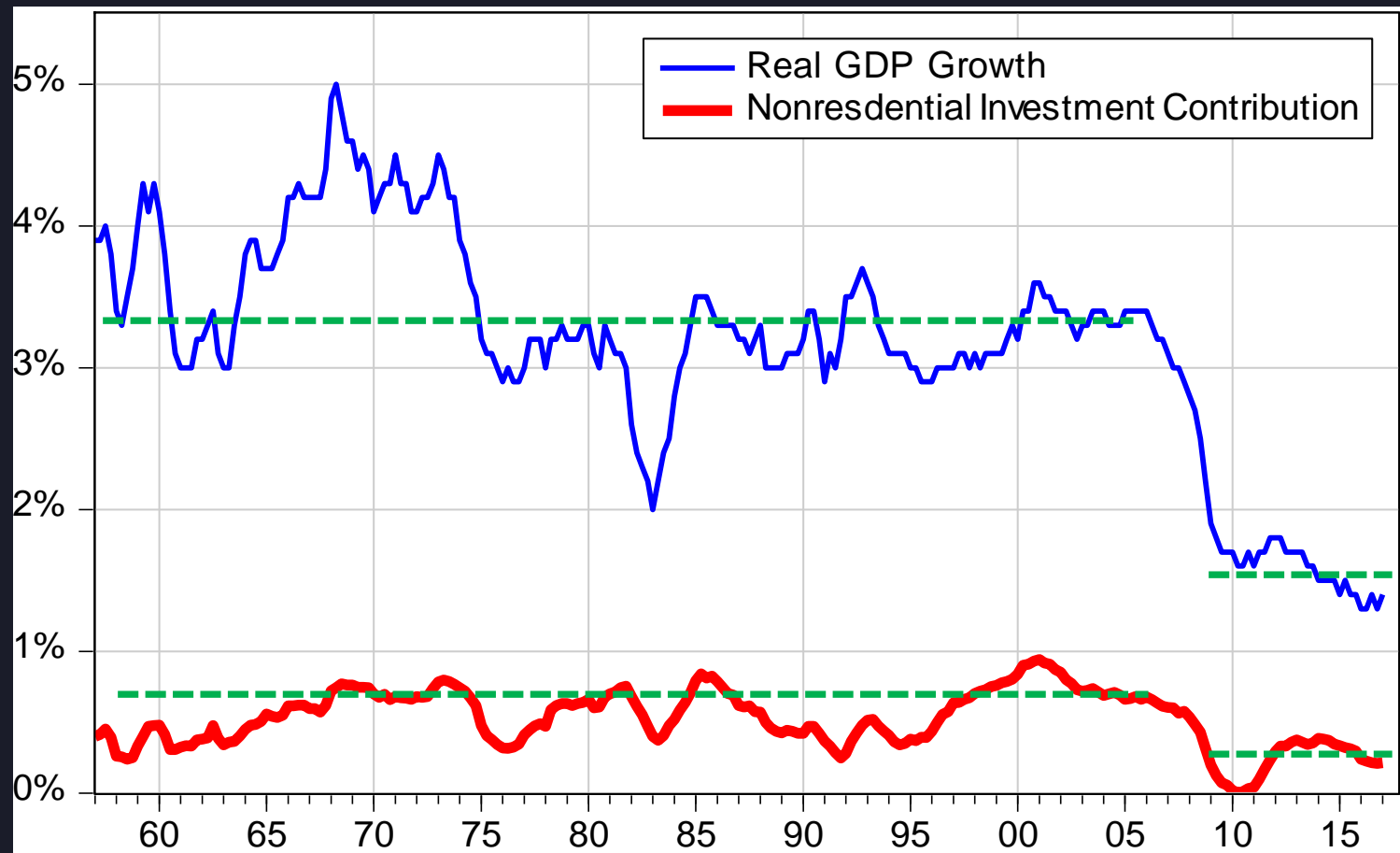
# U.S. economy is doing all right



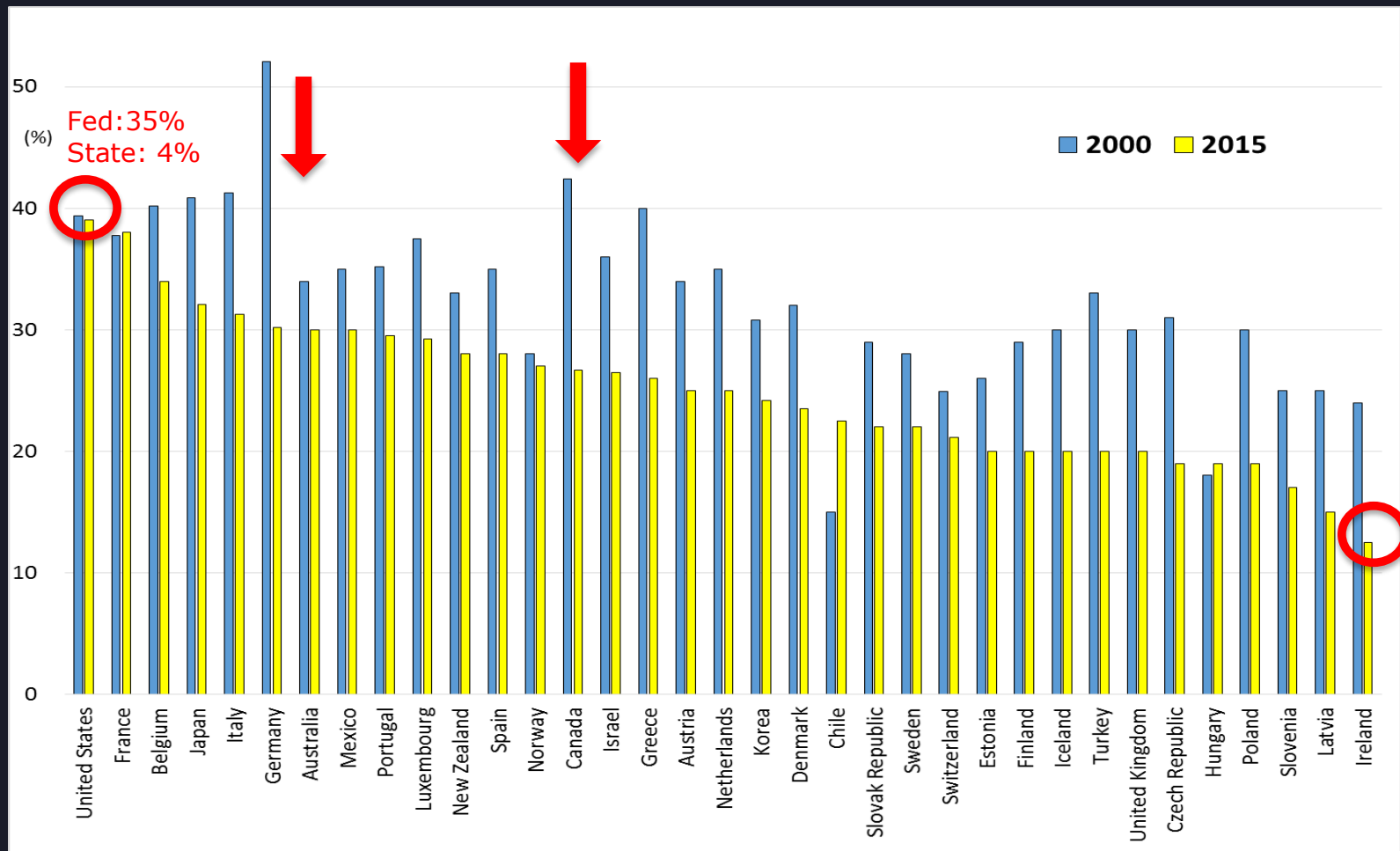
# GDP is below the 3% trend growth after the Great Recession



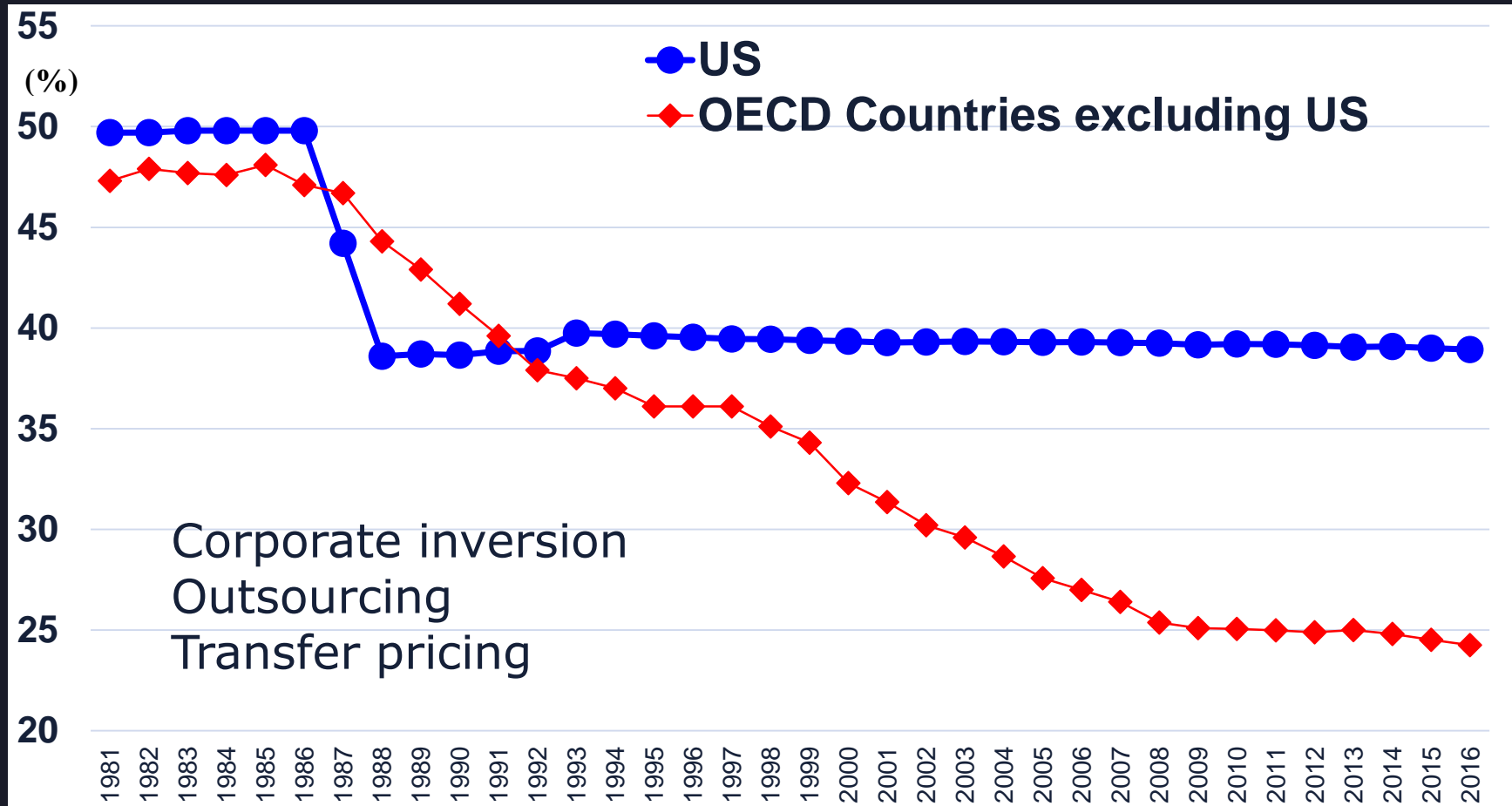
# 10-year moving-average GDP growth supports “secular stagnation”



# Combined corporate income tax rates in OECD countries in 2000 and 2015

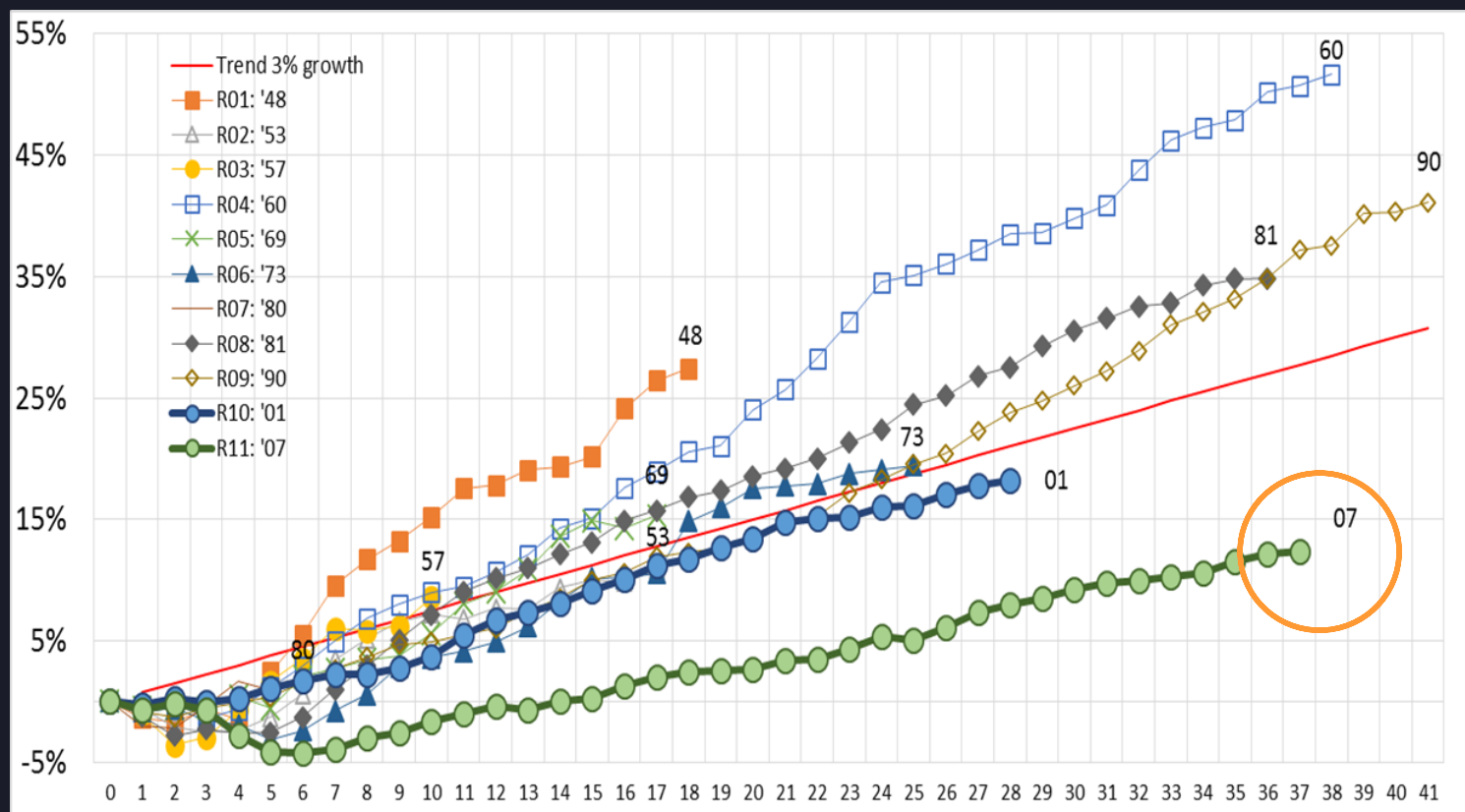


# Corporate income tax rates in the US and other OECD countries from 1981 to 2016

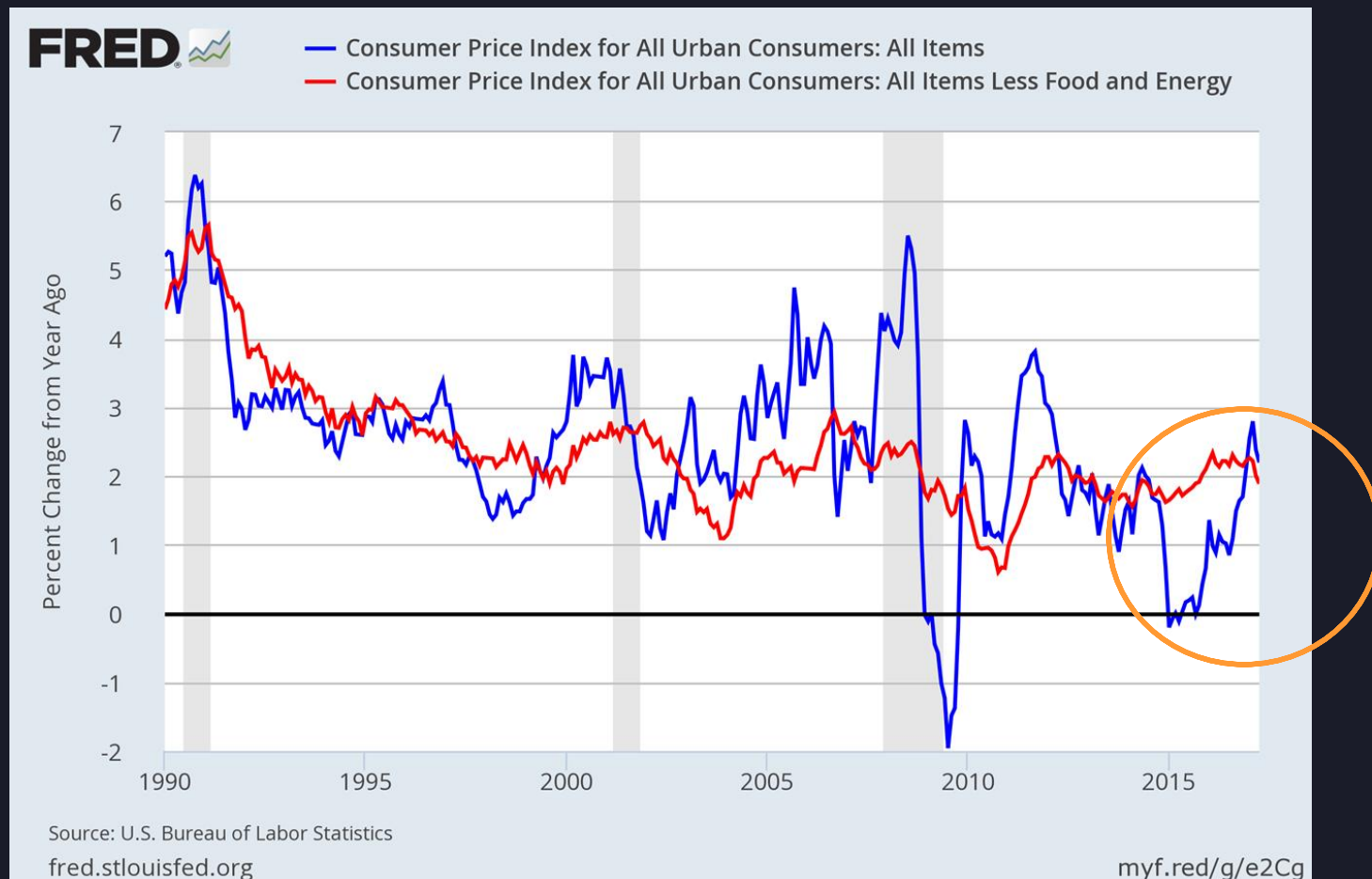


# The current economic expansion is the 3<sup>rd</sup> longest in the postwar period but its accumulated growth is weak

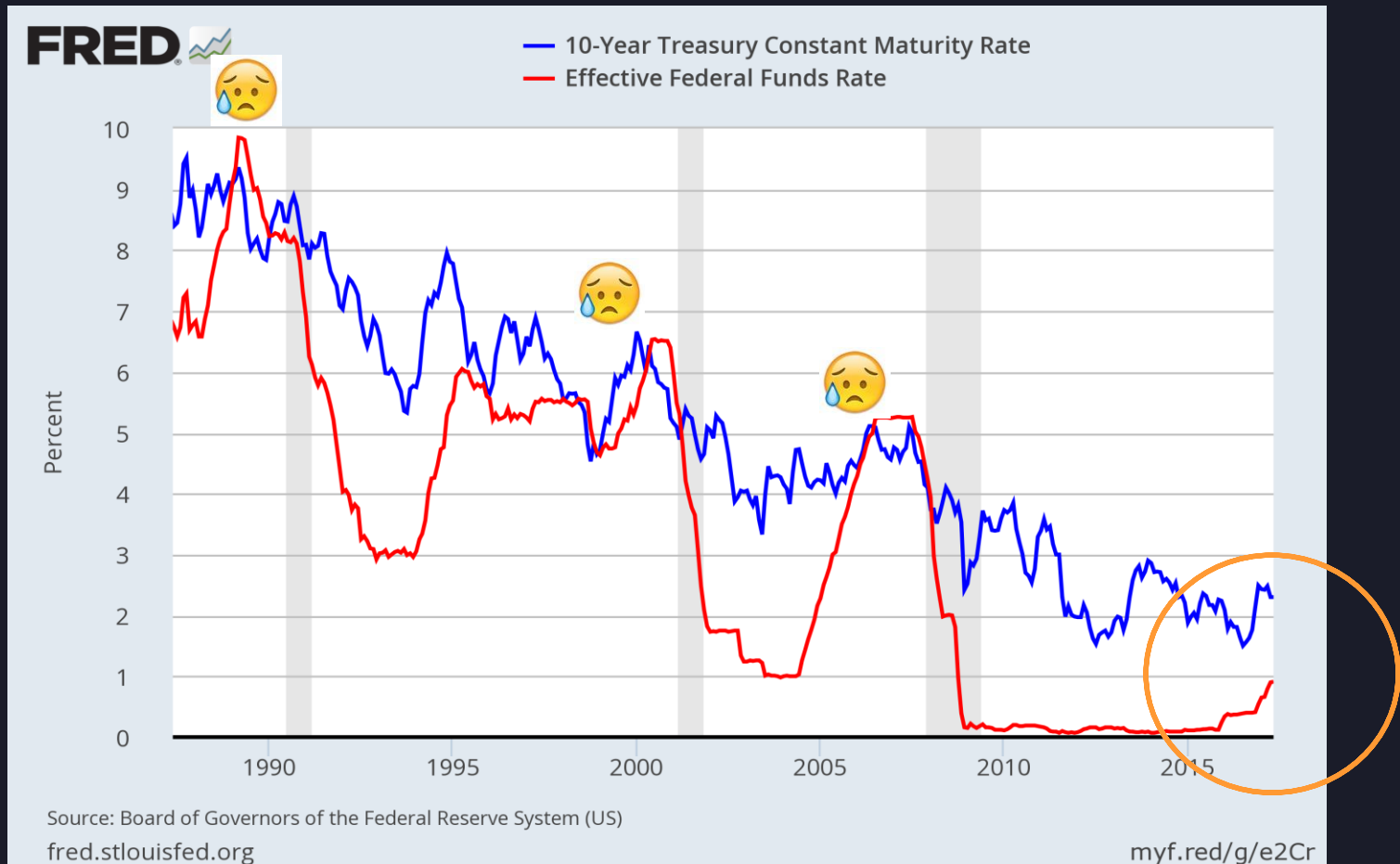
U.S. real GDP percentage change for each business cycle (peak to peak)



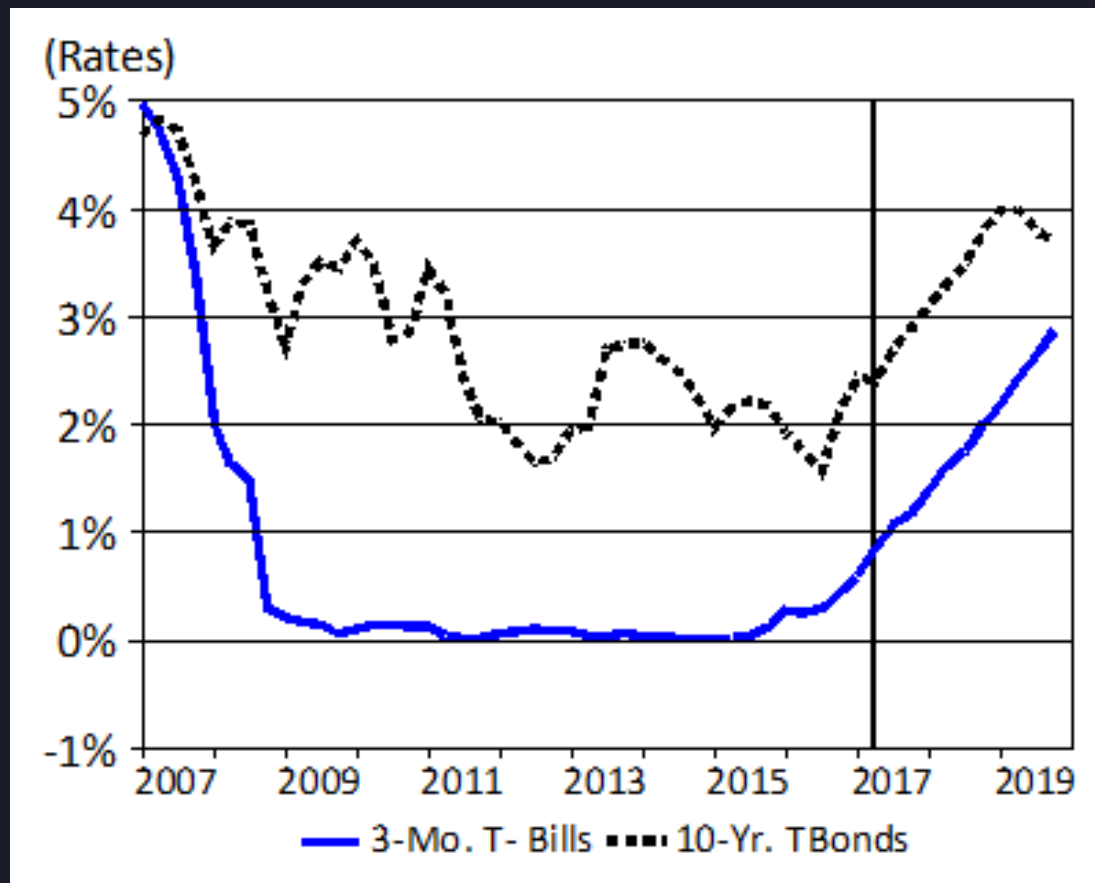
# Headline inflation and core inflation are both around 2%



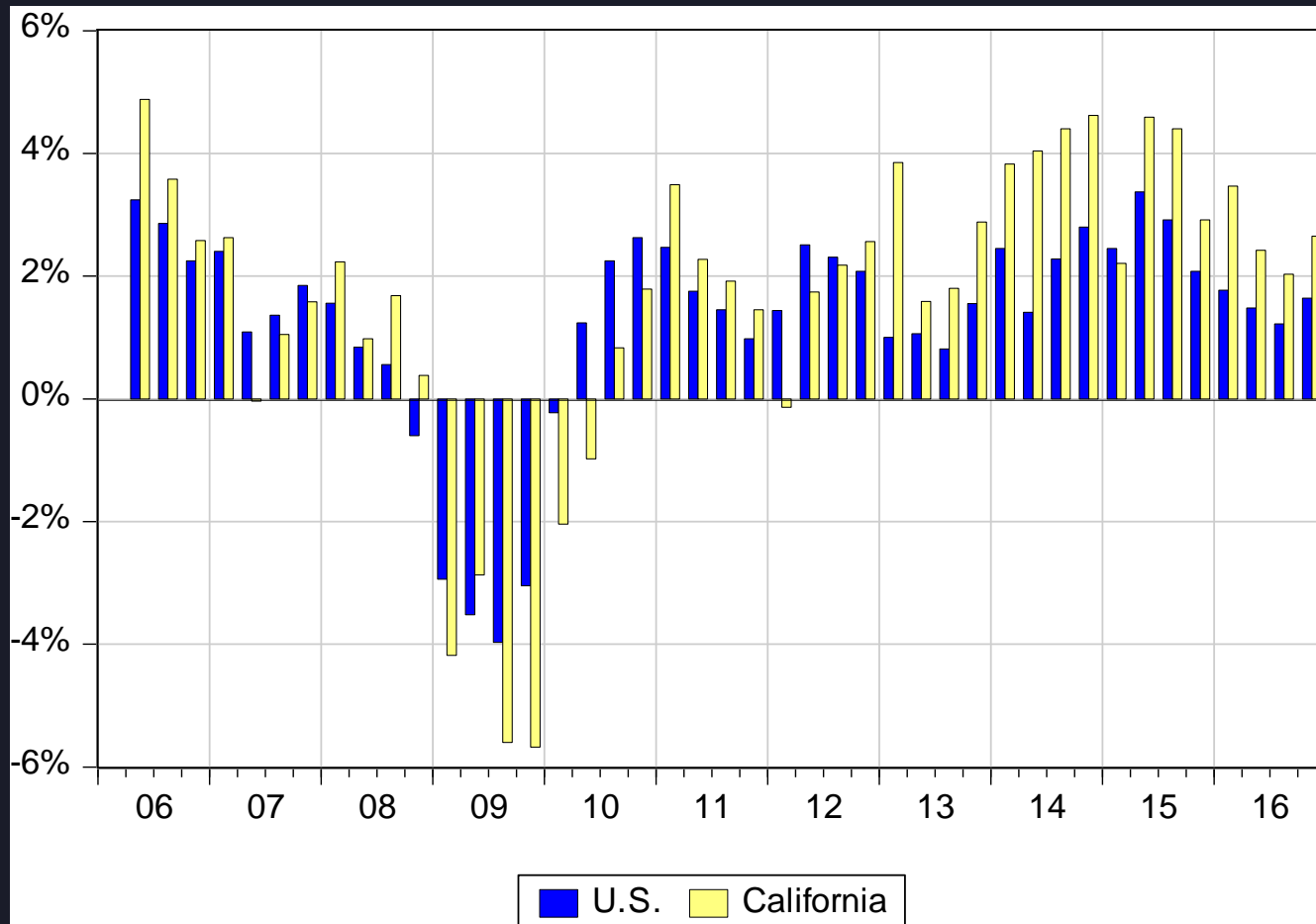
# An inverted yield curve would be a leading indicator of the next recession



# Interest rates forecast

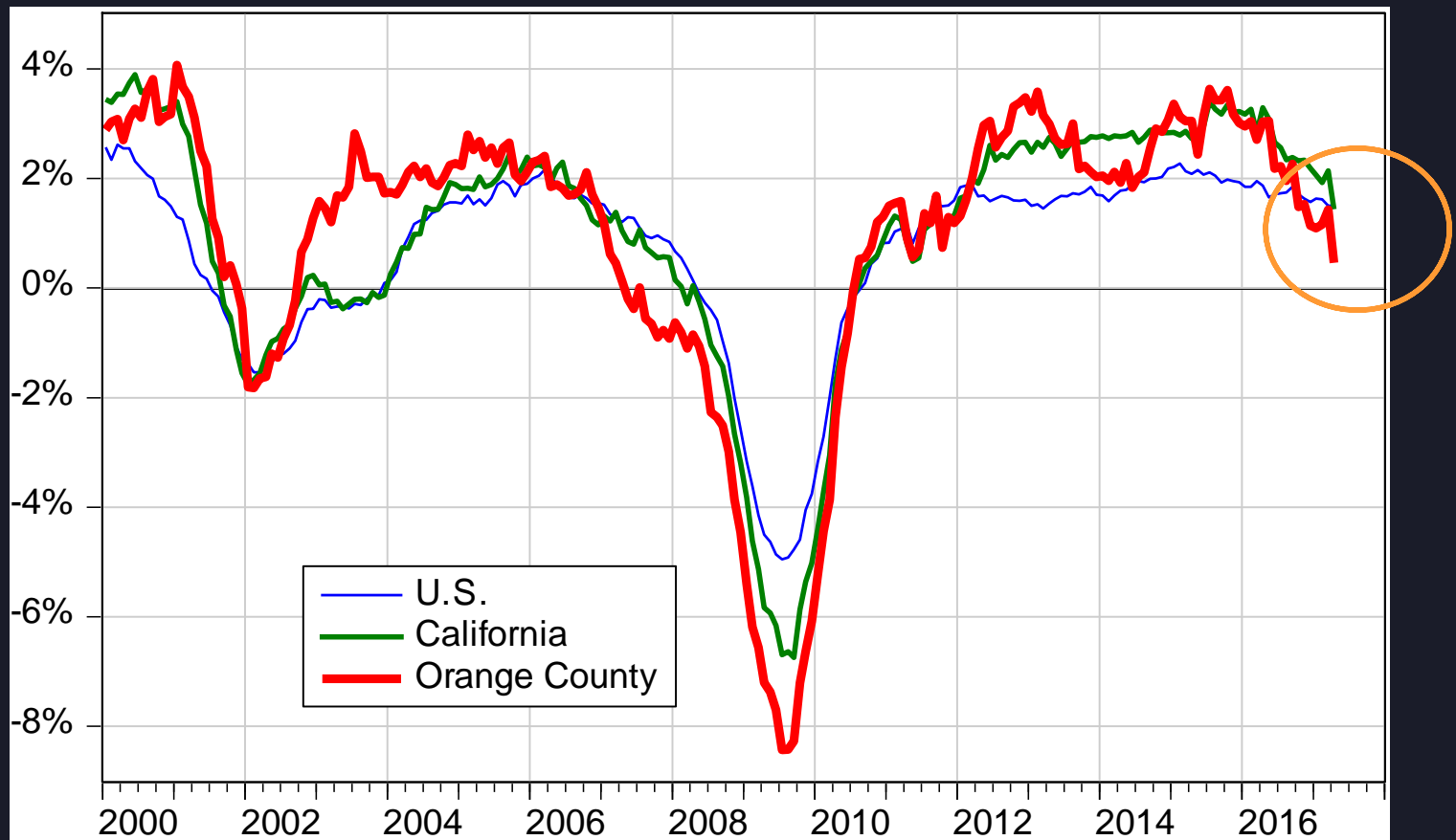


# California has higher growth than the nation in the aftermath of Great Recession, real GDP growth

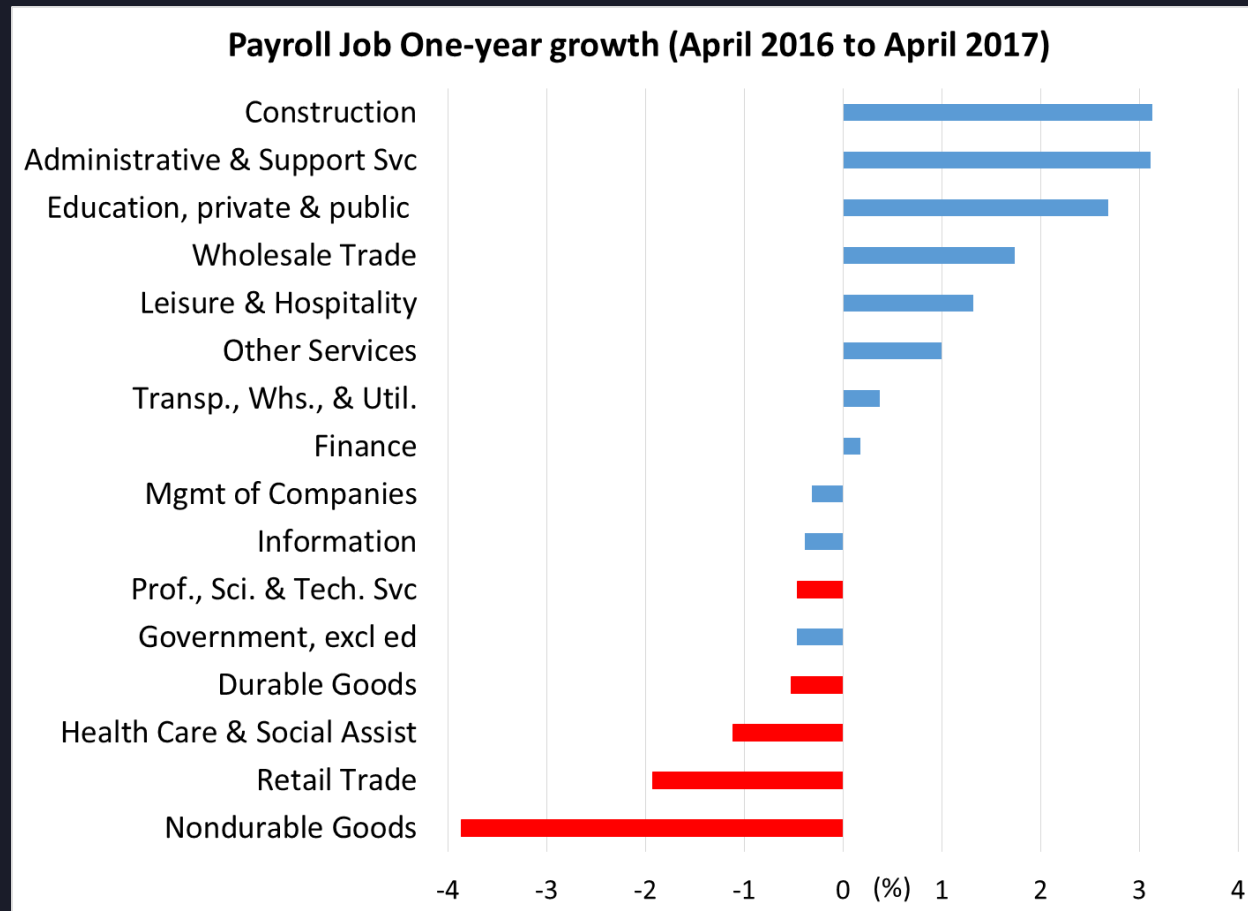


# OC and CA have higher economic growth than the nation

## Year-over-year payroll employment growth



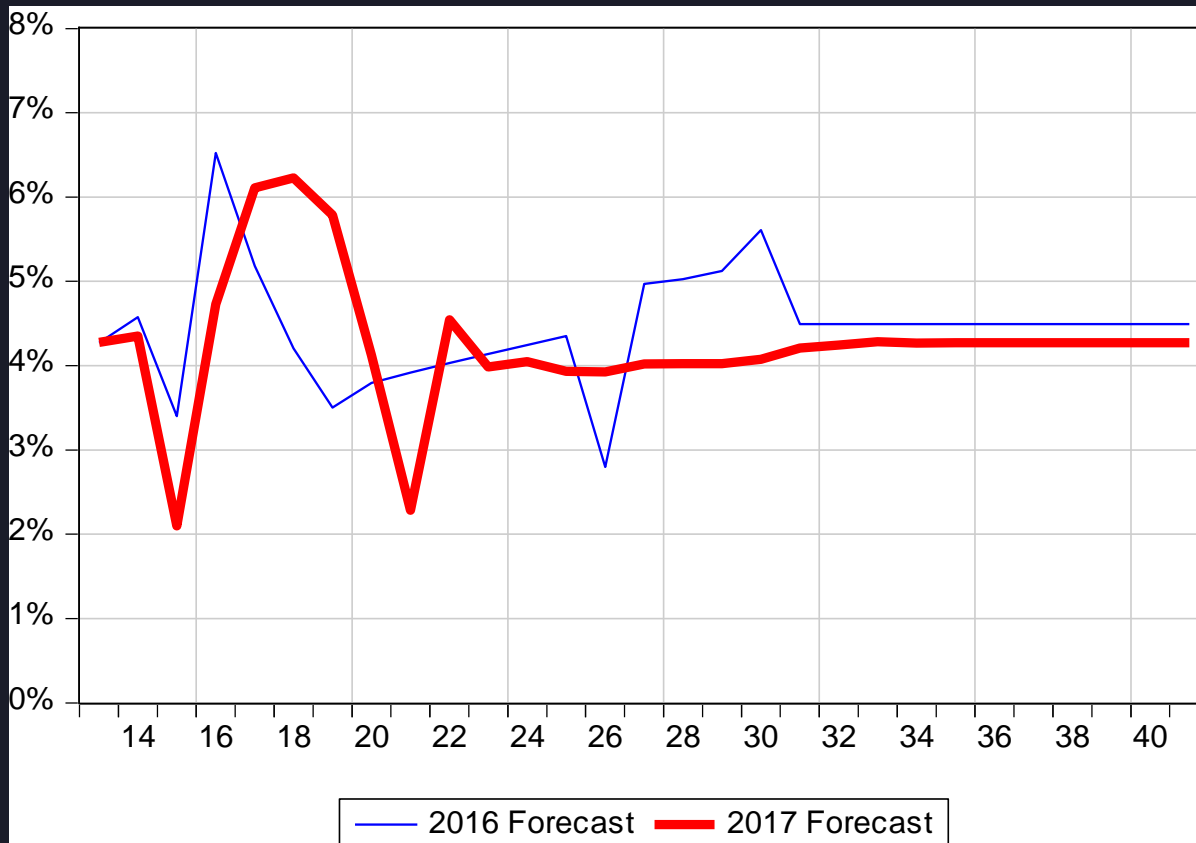
If the payroll number is correct, we should worry about the decline of retail trade, health care, and manufacturing sectors



# California Forecast

	2017	2018	2019
Payroll employment	1.6%	1.1%	0.9%
Unemployment rate	4.8%	4.6%	4.5%
Personal income (real)	3.1%	3.3%	3.2%
Housing permits (units)	105.1	115.9	118.7
Population growth	0.7%	0.6%	0.6%

# Orange County Taxable Sales Growth



## Reasons for Lower long-term forecast:

- Lower inflation
- Lower population growth
  1. Lower fertility
  2. Lower migration