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2017 #elleroutlook  
**BREAKFAST with the  
ECONOMISTS**

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**Welcome.**



**Paulo Goes**  
*Dean, Eller College of Management*



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**Welcome.**



**Noreen Bishop**  
*Managing Director, Market Manager, Arizona  
J.P. Morgan Private Bank*



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**Our region**  
**Outlook for Tucson**



**George W. Hammond, Ph.D.**  
*Director, Economic and Business Research Center*

## What You Need To Know

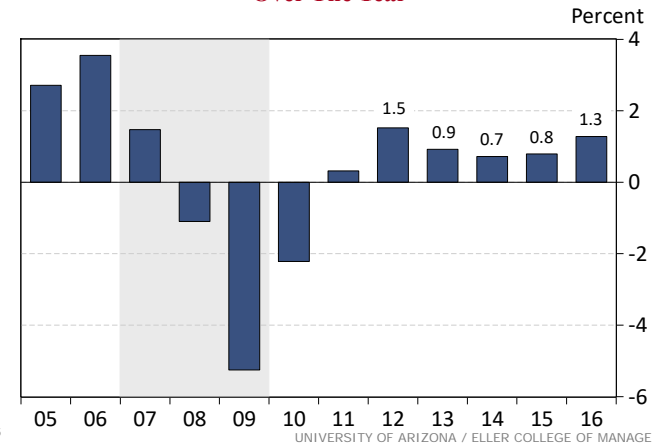
- ▶ Arizona's job growth was steady last year
  - ▶ Phoenix jobs rose rapidly
  - ▶ Tucson employment gains accelerated
- ▶ Arizona's wage growth is gaining momentum
  - ▶ And will likely accelerate further
- ▶ House prices and permits increased last year
  - ▶ But real house prices are well below the peak
- ▶ Dollar/Peso exchange rate has declined a little
  - ▶ But is still elevated
  - ▶ Arizona exports to Mexico and Canada are down
- ▶ Arizona and Tucson are well positioned to continue to grow

5

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## Tucson MSA Job Growth

Over The Year

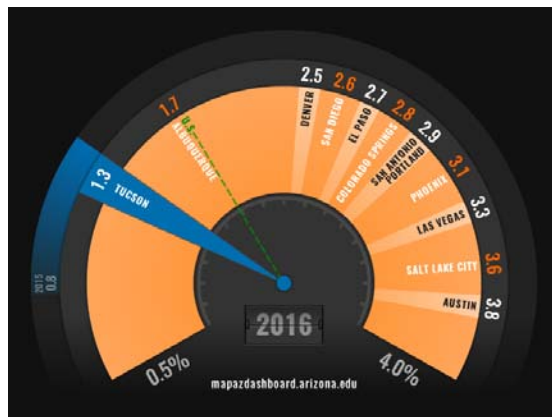


6

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## Job Growth In Selected MSAs

Over The Year

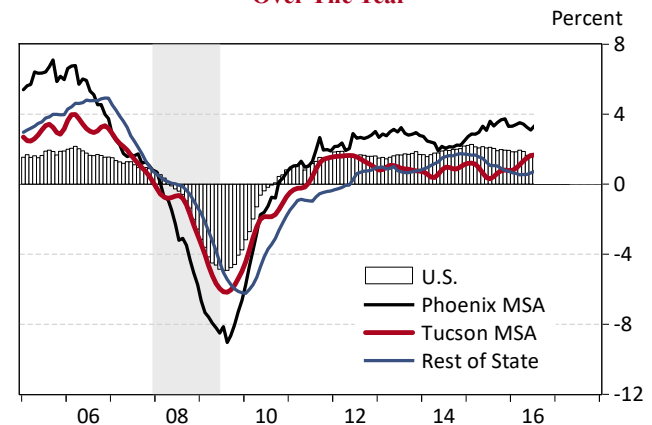


7

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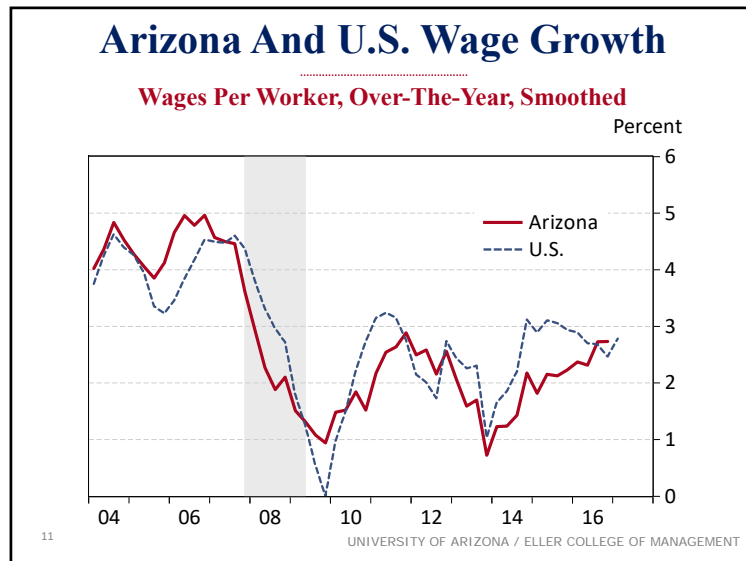
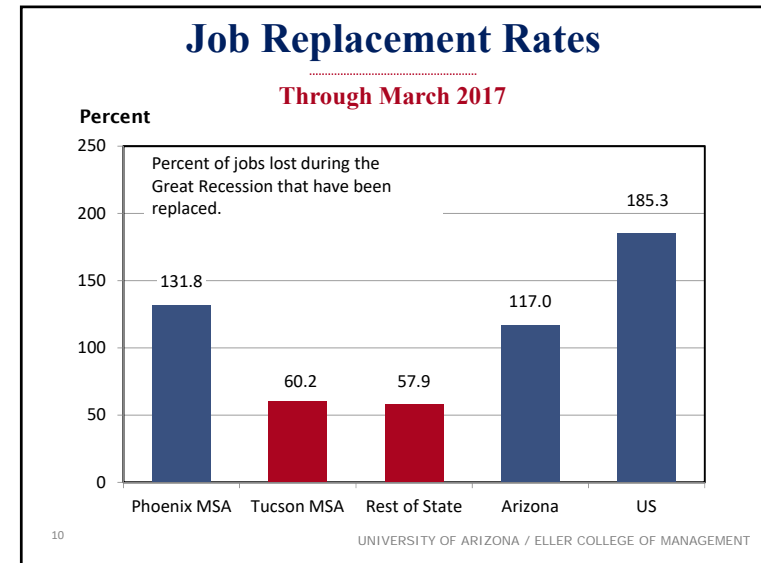
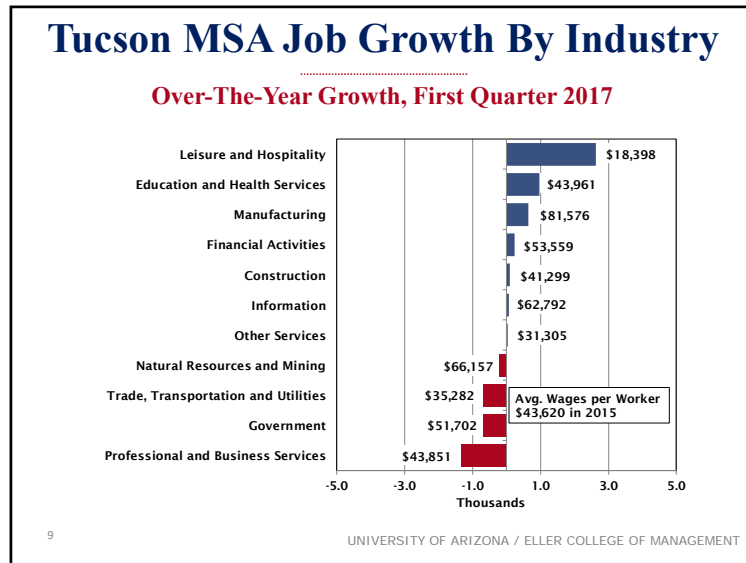
## Arizona Regional Job Growth

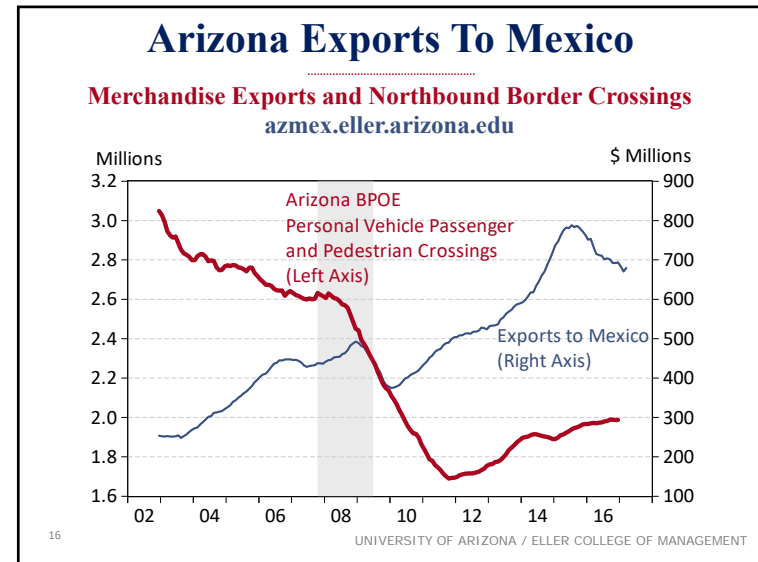
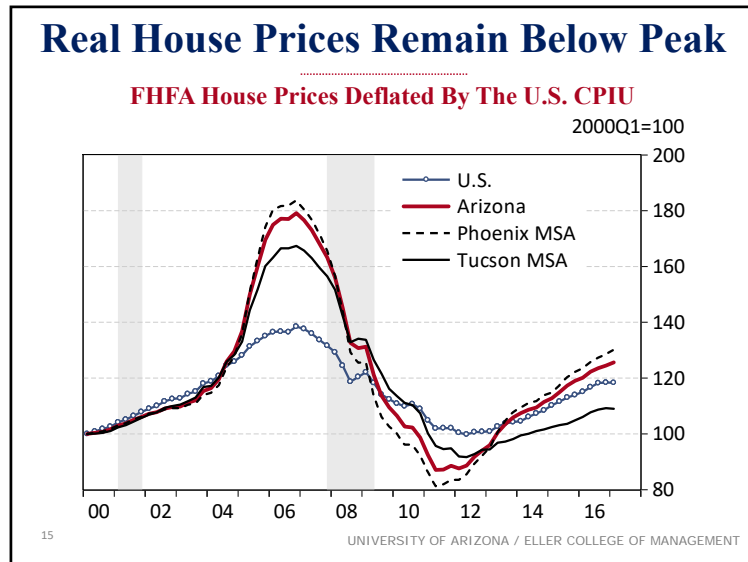
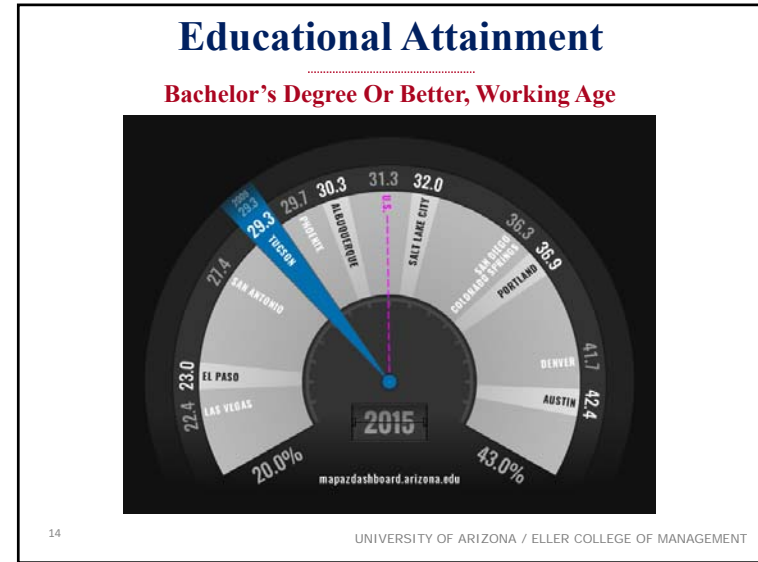
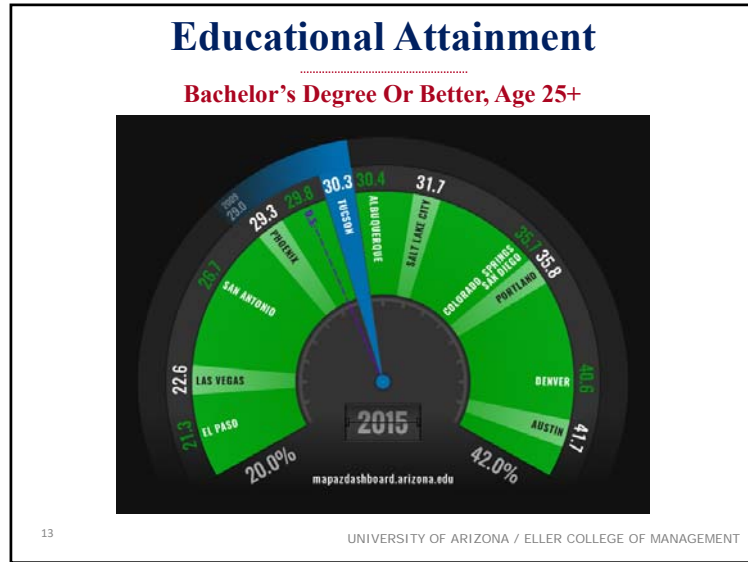
Over The Year

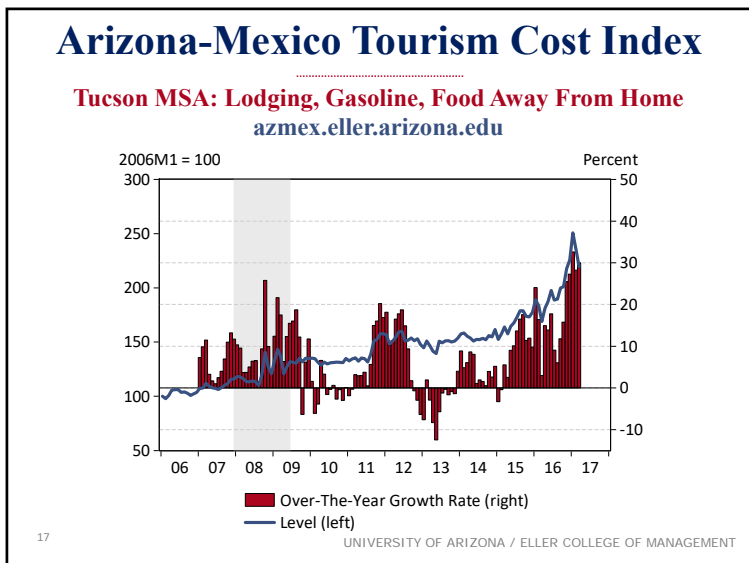


8

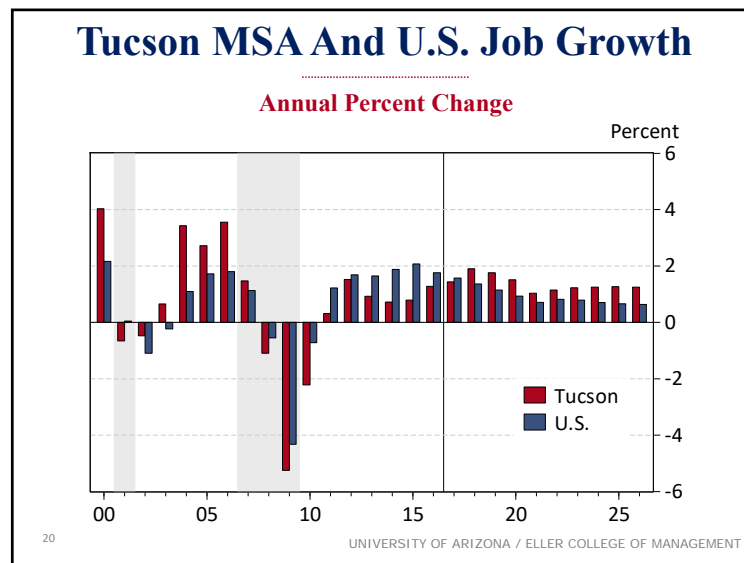
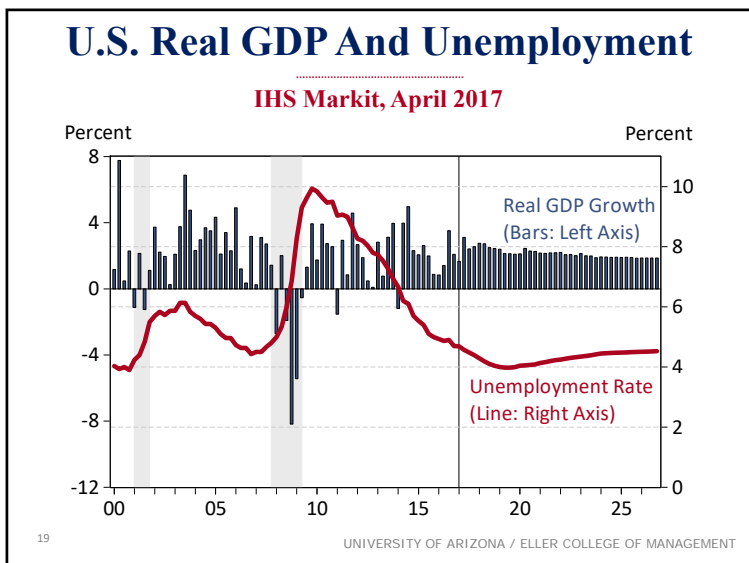
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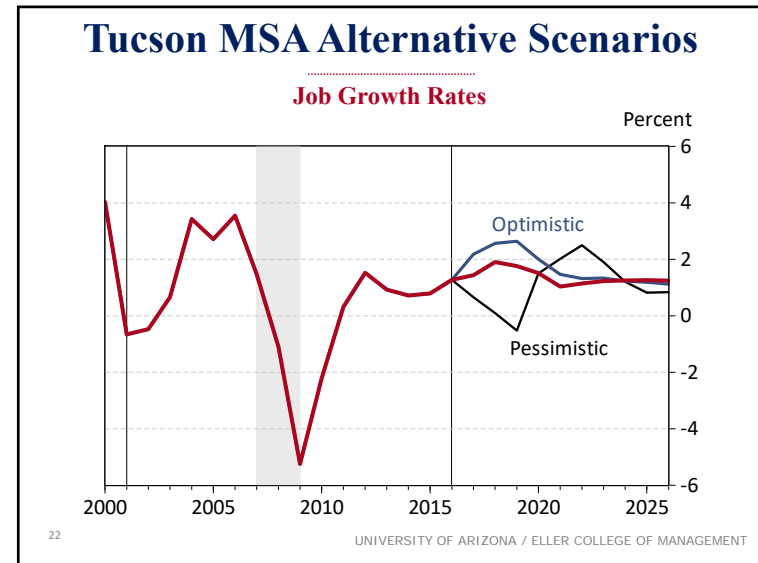
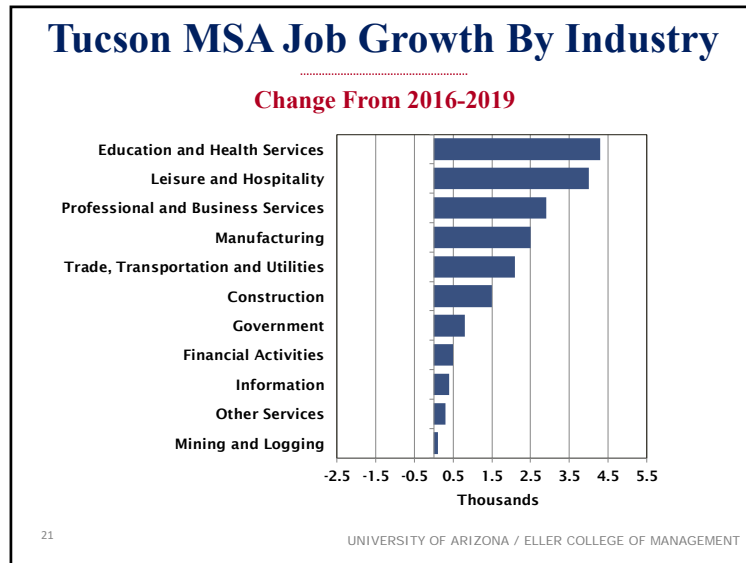






- ### Policies of the New Administration?
- ▶ International trade
    - ▶ Retreat from free trade, renegotiate NAFTA, tariffs, etc.
  - ▶ Immigration
    - ▶ The Wall, deport undocumented immigrants
  - ▶ Fiscal Stimulus
    - ▶ Restructure tax policy, increase infrastructure investment and defense spending
  - ▶ Regulation
    - ▶ Roll back ACA and Dodd-Frank
    - ▶ Spur energy development
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- In-depth economic forecasts, models, and analysis provided on a quarterly basis for the U.S., Arizona, Phoenix, and Tucson. Includes long run 30-year forecasts each August.
- Four meetings per year with Eller College economists, other sponsors, and invited speakers.
- Quarterly report containing analysis and tables/charts of hundreds of state and local indicators.
- Access to the Forecasting Project website for easy downloading of data, reports, presentations, and real-time analysis.
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- Consulting on issues related to corporate economics and forecasting.

**Economic and Business Research Center**  
**National, State, and Local Recognition**



# Our world


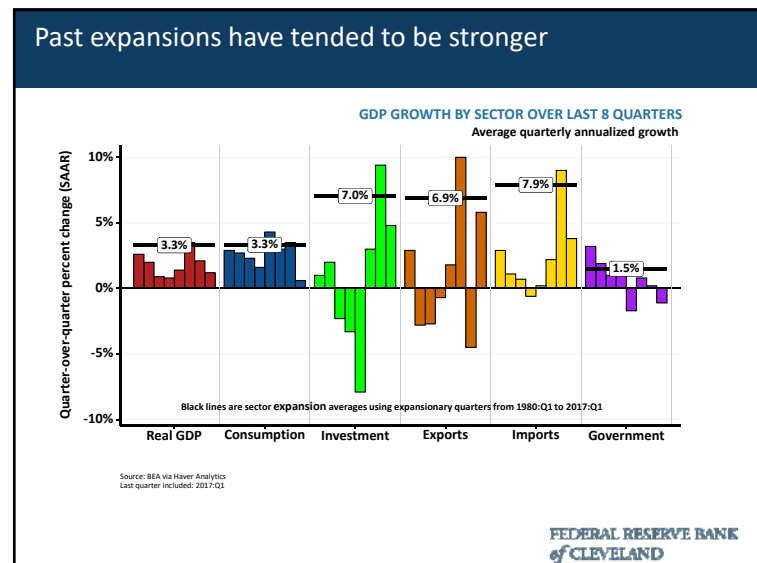
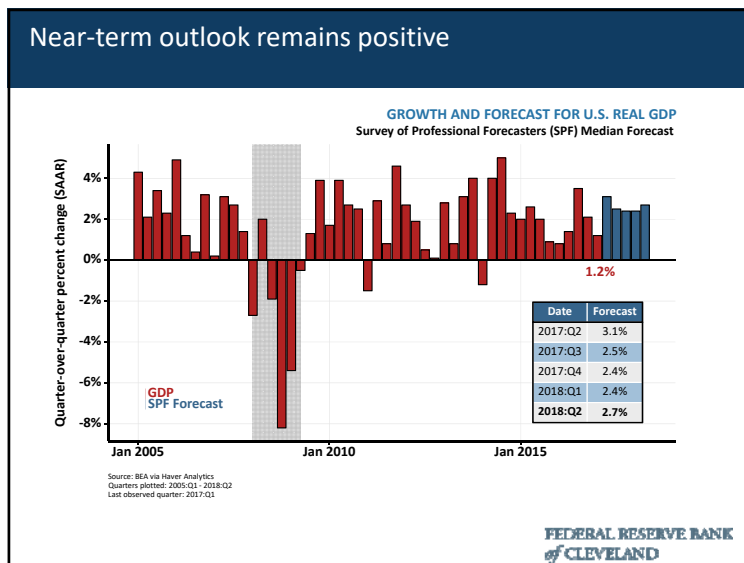
## U.S. Economic Outlook



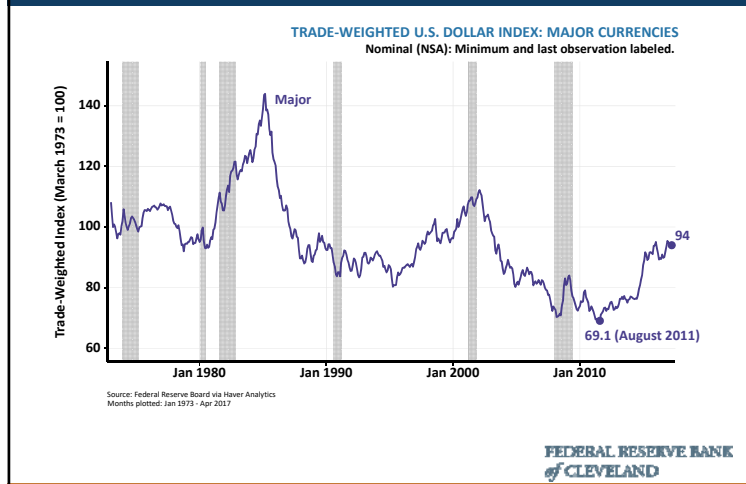
**Gary Wagner, Ph.D.**  
 Vice President and Senior Regional Officer  
 Federal Reserve Bank of Cleveland

### Presentation outline

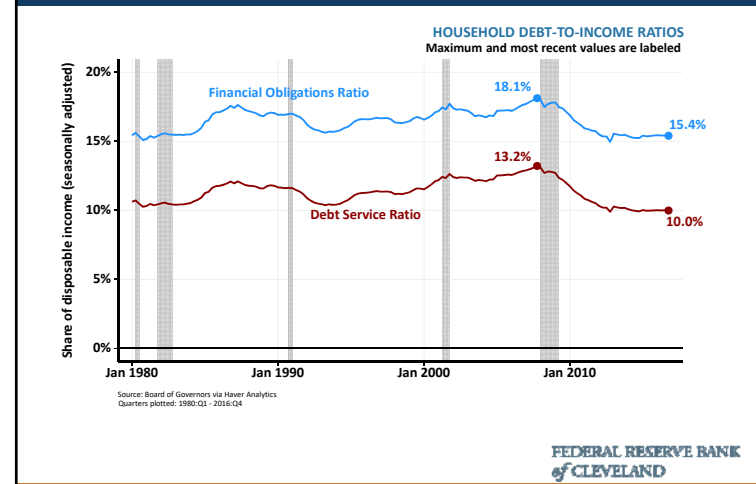
- GDP and the near-term outlook (5 slides)
- Employment & labor market conditions (8 slides)
- Inflation and monetary policy (3 slides)

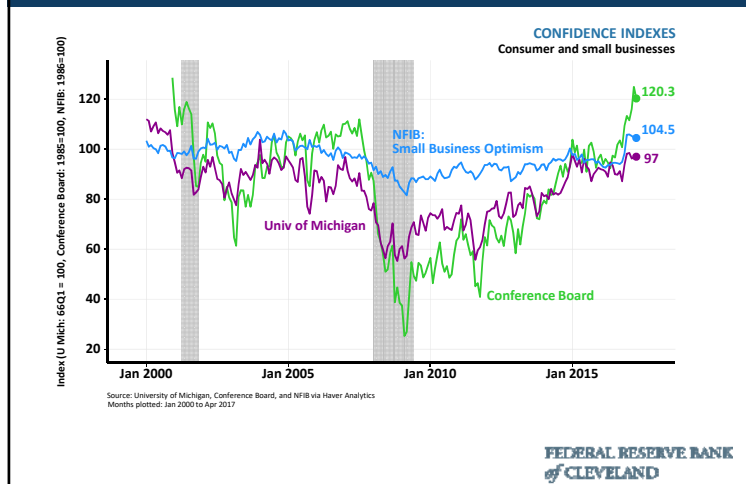
The dollar remains very strong relative to other currencies



But household balance sheets remain healthy



Confidence is up across the board

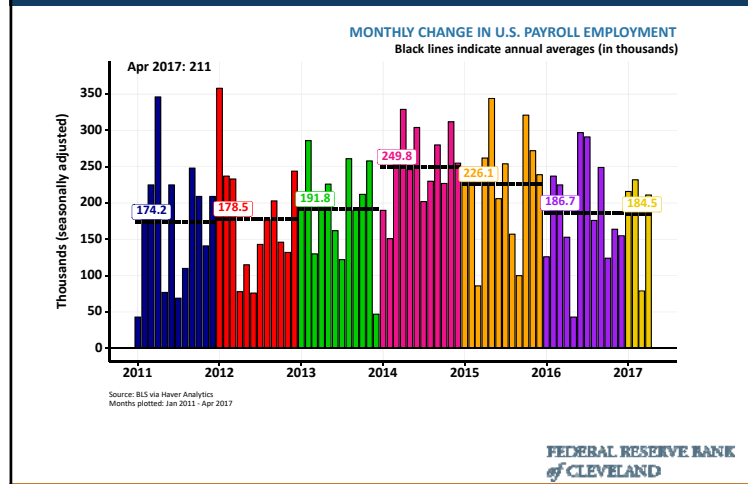


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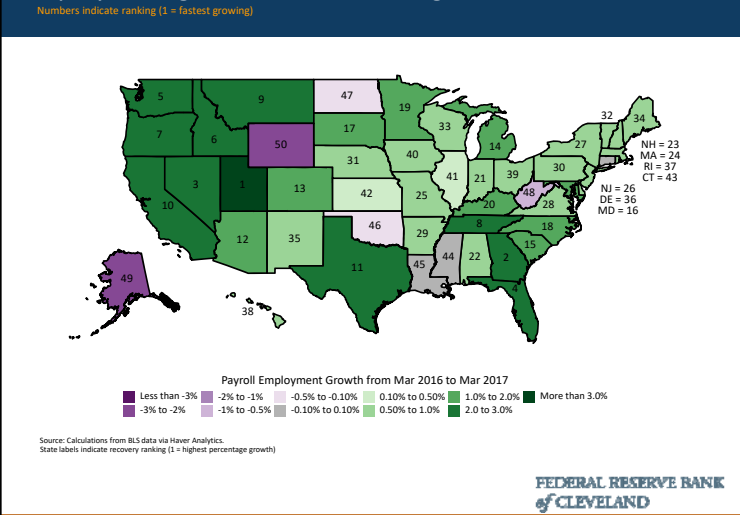
Employment & Labor  
 Market Conditions



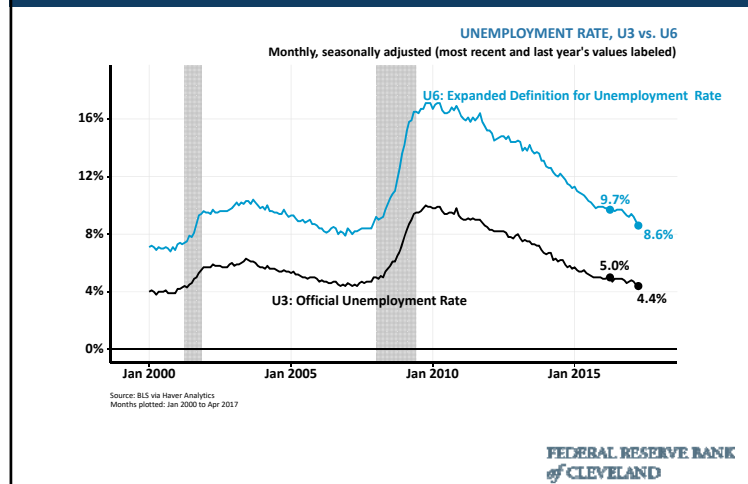
### Payroll employment rebounded in April



### Employment growth remains strong in most of the states



### U3 and U6 are well-below pre-Great Recession averages



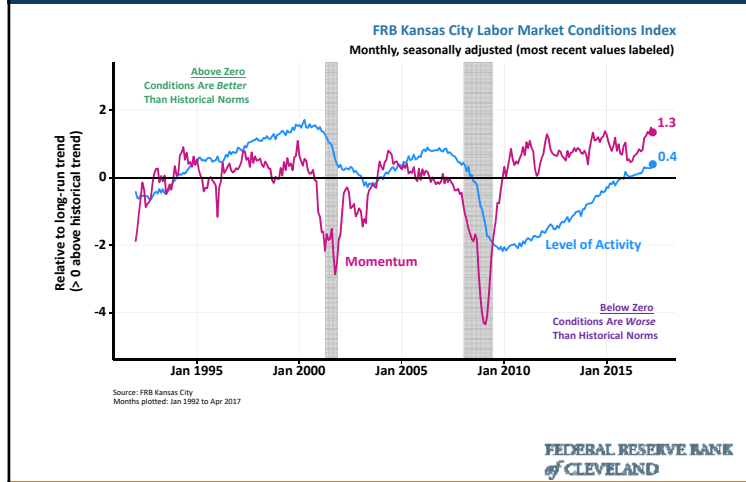
### Labor Market Conditions Index

From FRB Kansas City

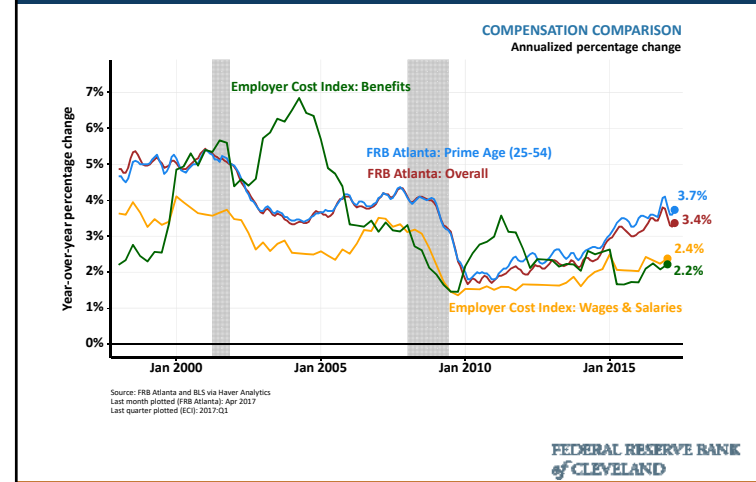
Unemployment rate (U3)	Hires rate
Broad unemployment rate (U6)	Percent of firms planning to increase employment (NFIB)
Unemployment forecast (Blue Chip)	Average hourly earnings
Job flows from U to E	Initial claims
Quits rate	Private nonfarm payroll employment
Employment-population ratio	Aggregate weekly hours
Working part-time for economic reasons	Temporary help employment
Job leavers	Expected job availability (U of Michigan)
Job availability index (Conference Board)	Labor force participation rate
Unemployed 27 or more weeks	Manufacturing employment index (ISM)
Percent of firms with positions not able to fill right now (NFIB)	Announced job cuts (Challenger-Gray-Christmas)
Job losers	Expected job availability (Conference Board)

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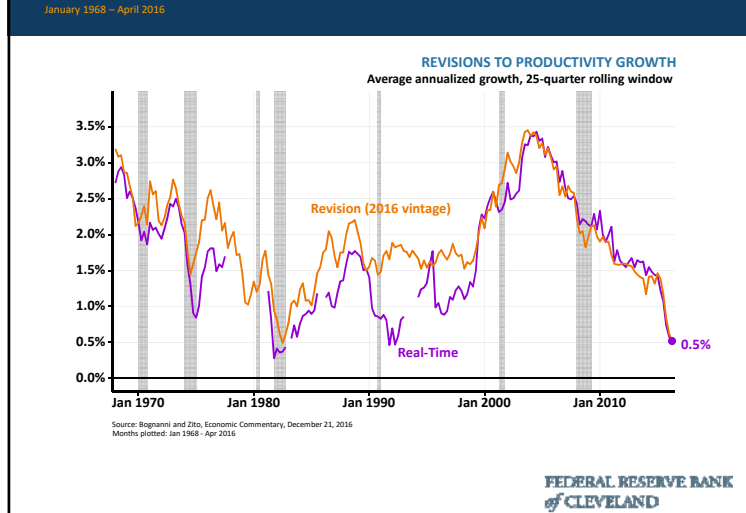
Conditions look very strong nationally...



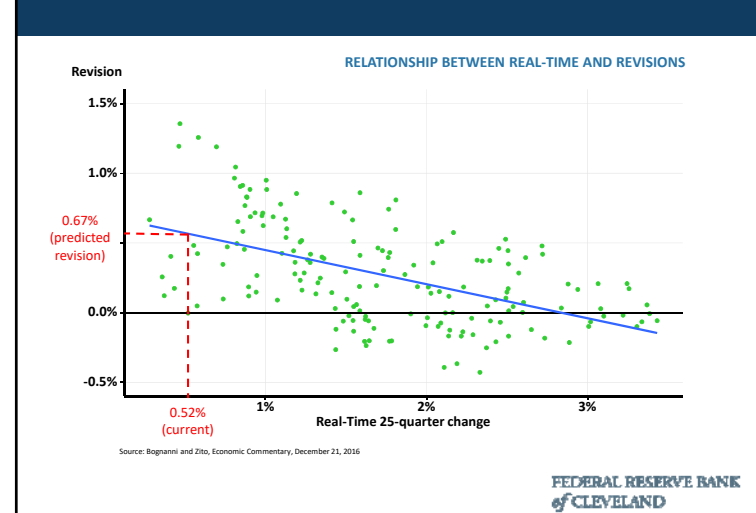
But compensation seems to be lagging some



What should we make of the low productivity estimates?

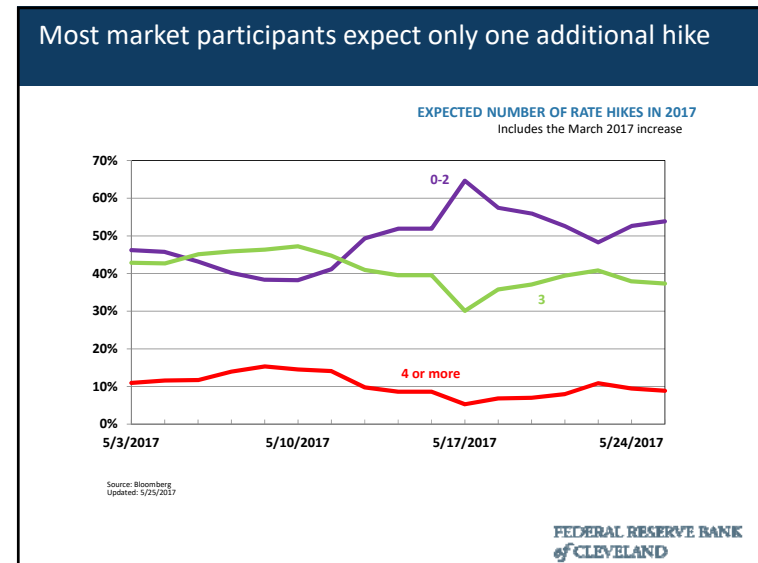
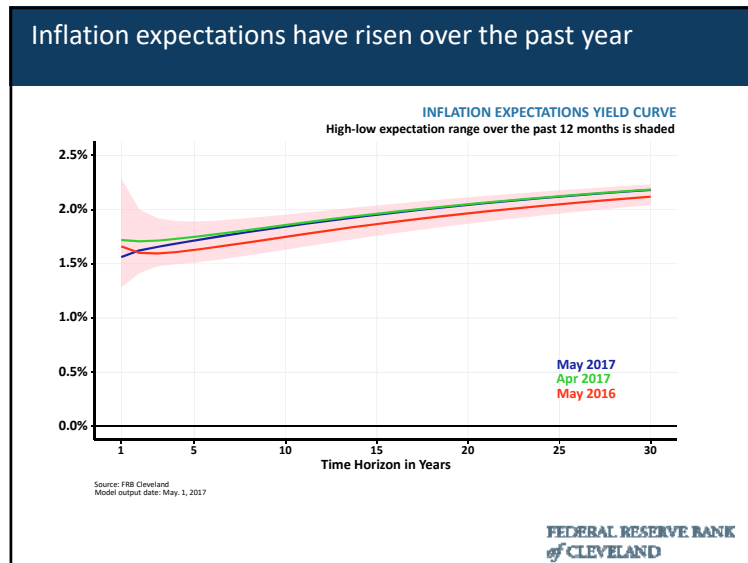
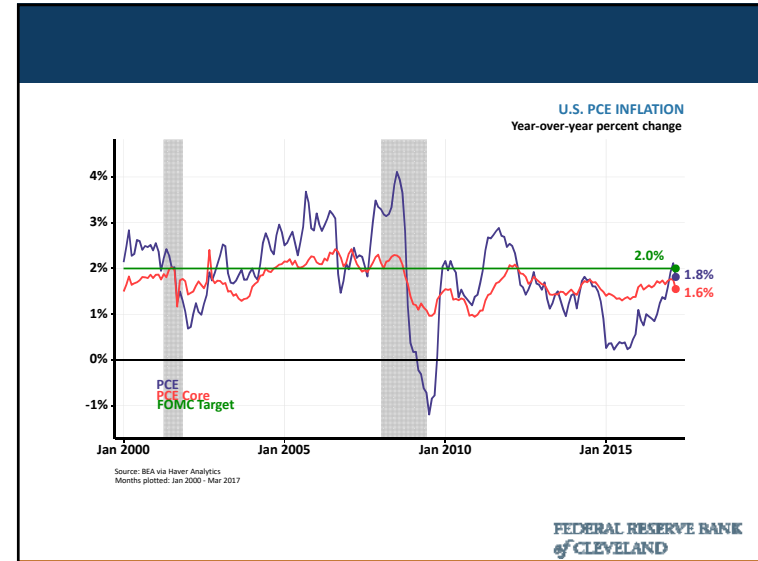


Past revisions suggest productivity is underestimated



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# Inflation and Monetary Policy



## Summary

- GDP forecasts have improved of late
  - Weak 2017:Q1 estimates appear to be transitory
  - Household balance sheets remain very healthy
- Broadly speaking, labor market conditions are better than pre-Great Recession conditions
  - However, wage growth has been lagging some
  - Weaker than normal productivity may be the culprit
- Latest guidance from the FOMC points to two *additional* rate hikes this year
  - A majority of fed funds futures participants expect only one additional hike

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