Osher Lifelong Learning Institute, Winter 2020 What Economists Know About Important Policy Issues

Lecture 1: The U.S. Economy

January 22, 2020

Jon Haveman, Ph.D.

National Economic Education Delegation



1

National Economic Education Delegation



Vision

- One day, the public discussion of policy issues will be grounded in an accurate perception of the underlying economic principles and data.

Mission

 NEED unites the skills and knowledge of a vast network of professional economists to promote understanding of the economics of policy issues in the United States.

NEED Presentations

- Are **nonpartisan** and intended to reflect the consensus of the economics profession.



2

Who Are We?

Honorary Board: 46 members

- 2 Fed Chairs: Janet Yellen, Ben Bernanke
- 6 Chairs Council of Economic Advisers
 - o Furman (D), Rosen (R), Bernanke (R), Yellen (D), Tyson (D), Goolsbee (D)
- 3 Nobel Prize Winners
 - o Akerlof, Smith, Maskin

• Delegates: 484 members

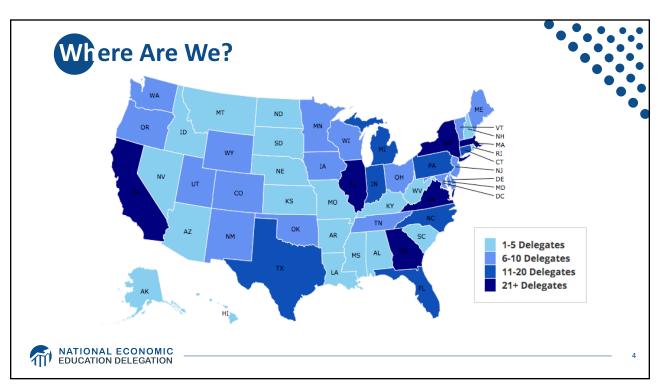
- At all levels of academia and some in government service
- All have a Ph.D. in economics
- Crowdsource slide decks
- Give presentations

• Global Partners: 45 Ph.D. Economists

- Aid in slide deck development



3



4

Credits and Disclaimer



This slide deck was authored by:

- Jon Haveman, Executive Director of NEED
- Allison Roehling, DePauw University

• This slide deck was reviewed by:

- Jeffrey Frankel, Harvard University
- Scott Baier, Clemson University
- Rob Eyler, Sonoma State University

Disclaimer

- NEED presentations are designed to be nonpartisan.
- It is, however, inevitable that the presenter will be asked for and will provide their own views.
- Such views are those of the presenter and not necessarily those of the National Economic Education Delegation (NEED).



5

5

Course Outline

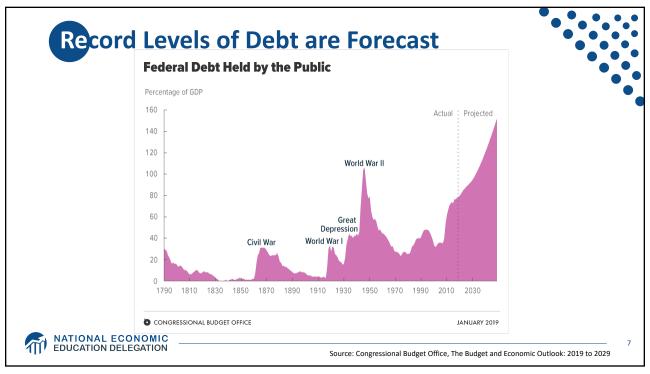


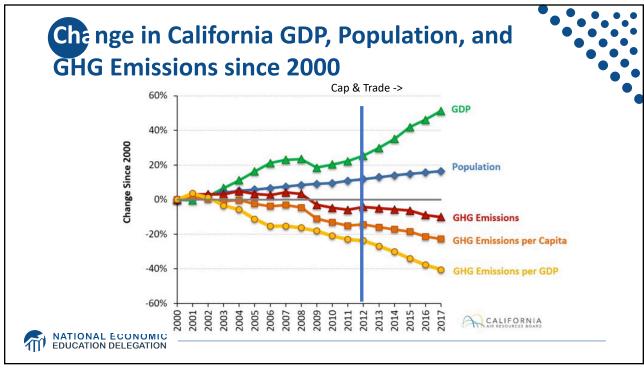
What Economists Know About Important Policy Issues

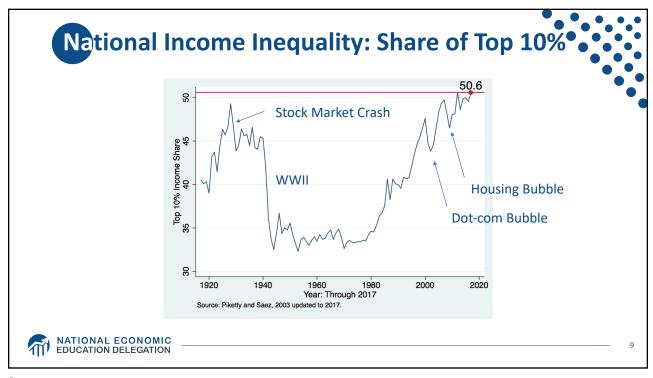
- Week 1 (1/22): US Economic Update
- Week 2 (1/29): Government Budgets
- Week 3 (2/5): Climate Change
- Week 4 (2/12): Income Inequality
- Week 5 (2/19): Trade and Globalization
- Week 6 (2/26): Housing Policy

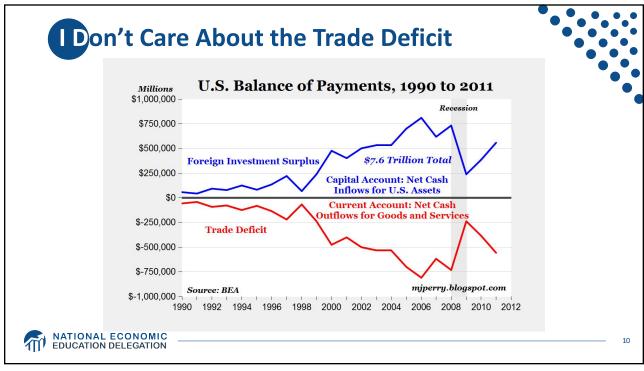


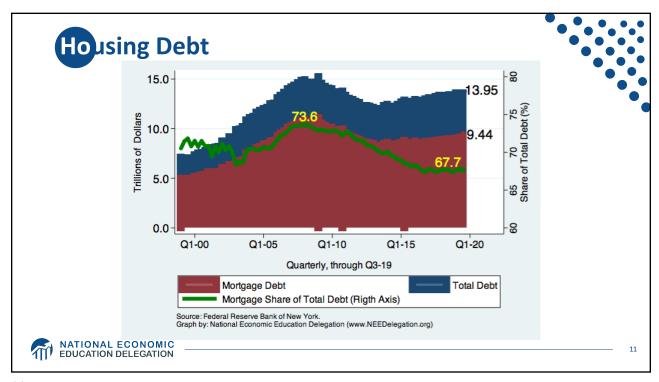
6









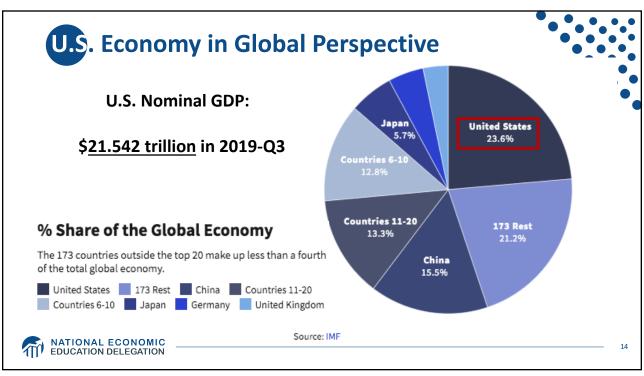


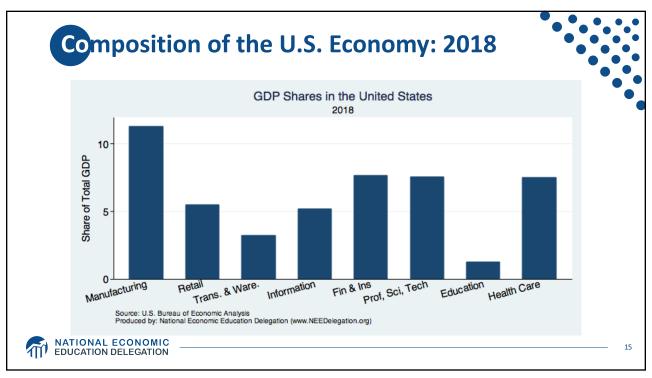




Behavior of GDP







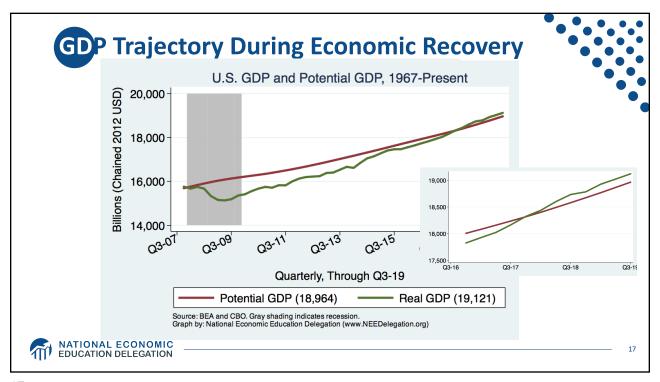
GDP During the Recovery

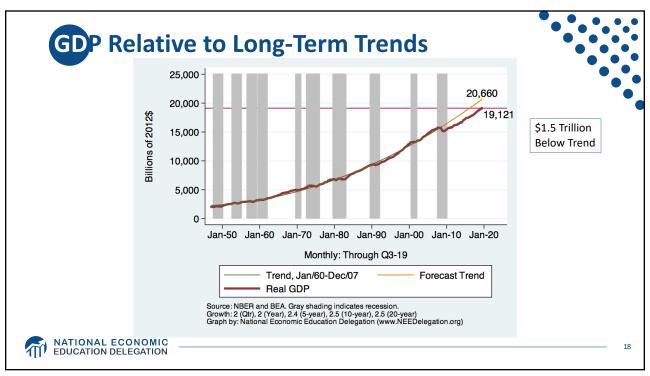


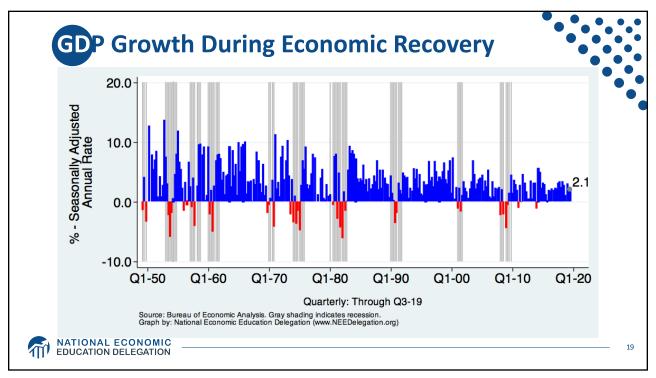
- <u>Potential GDP</u> is the level of production in an economy operating at full employment.
- We use potential GDP to get a sense of what production should be in an economy.



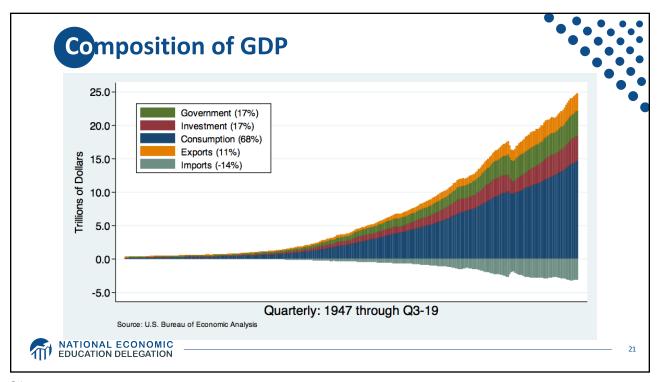
16











Composition of GDP



- Slow growth in any of these categories will slow overall GDP growth.
- How does each component contribute to GDP growth pre- vs. postrecession?
- What explains current trends in each component?



2





- Consumption, Investment, Government, and Net Exports
- It's a weighted average of these components

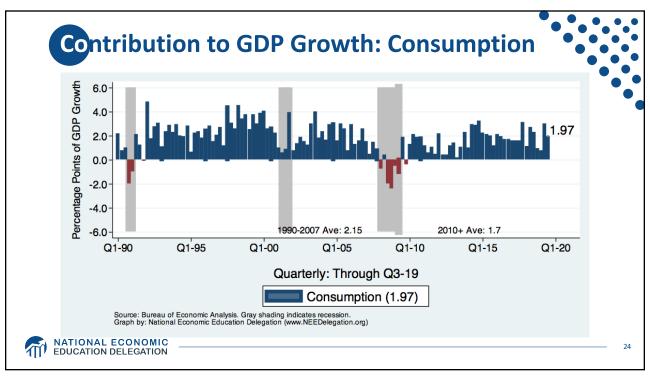
• For example: Consumption

- If consumption accounts for 2/3 of the economy,
- If consumption grew by 3%,
- It would cause GDP growth to be **2 percentage points** higher than it would otherwise be



23

23



Personal Consumption Expenditures

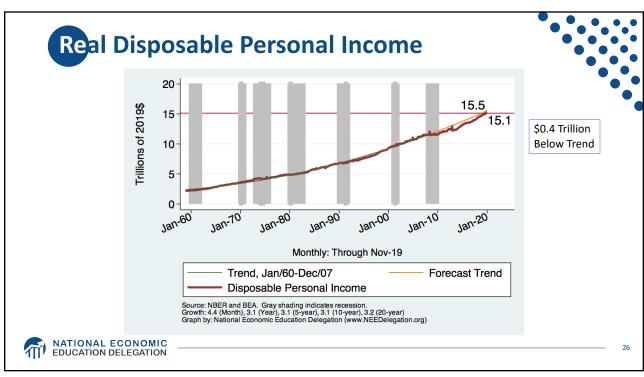


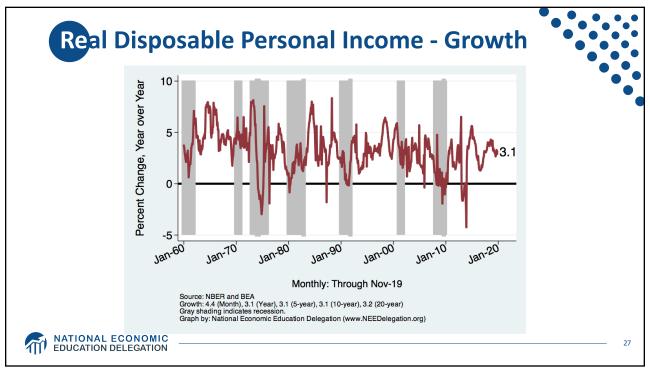
- Consumption has been slow to recover.
 - Pre-crisis average contribution of consumption expenditures was 2.15 percentage points.
 - Post-crisis contribution is 1.6 percentage points.
- In other words, its contribution to GDP growth is down 21%.
 - Let's explore why

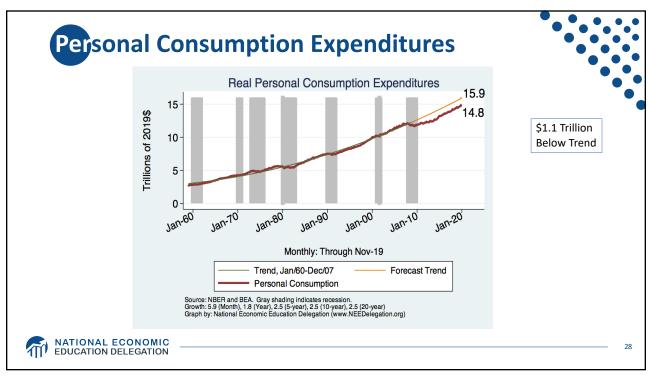


25

25







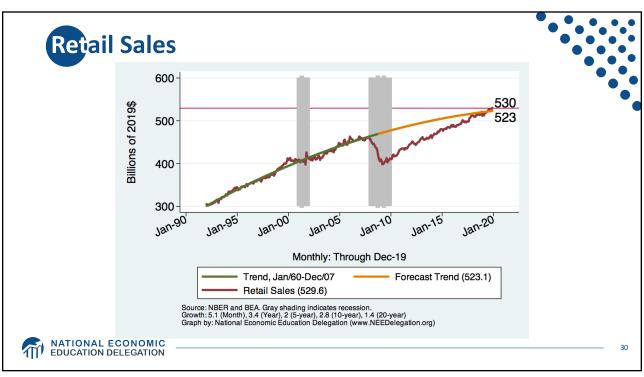


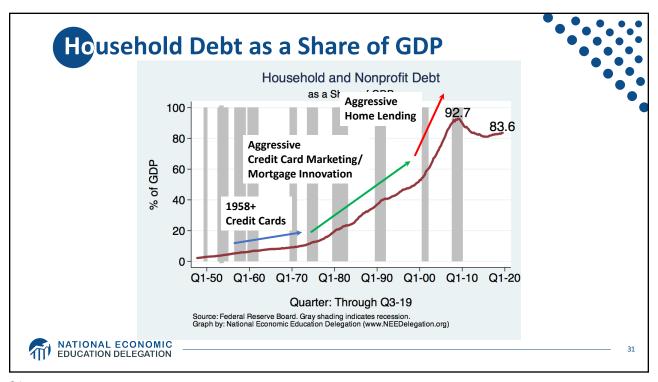


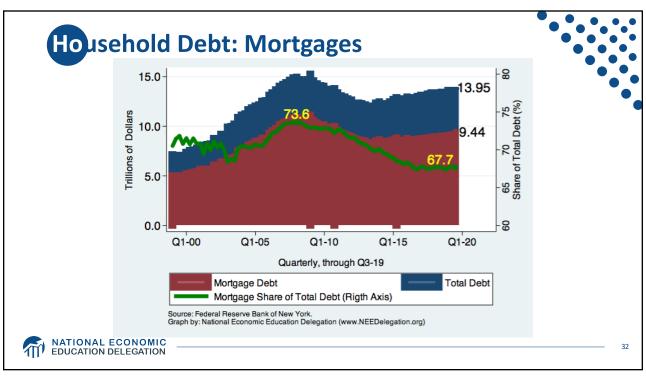
- Retail sales, household debt, and personal savings help explain changes in consumption expenditures.
- <u>Lower</u> levels of retail sales and household debt and <u>higher</u> savings should be correlated with <u>lower</u> levels of consumption expenditure.

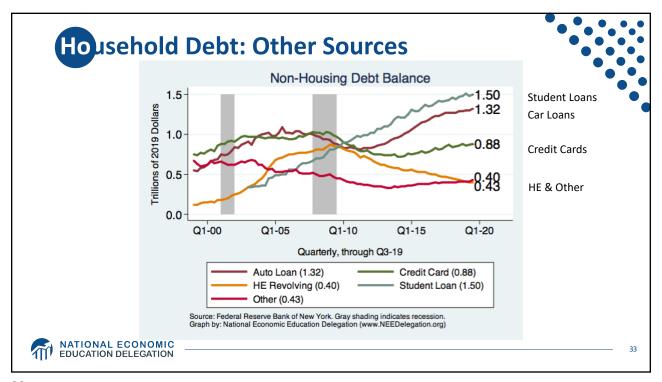


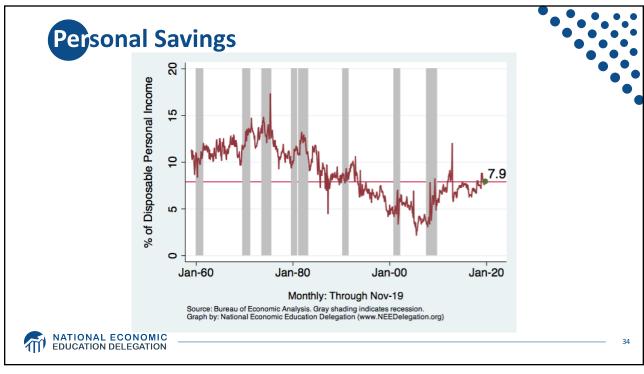
29











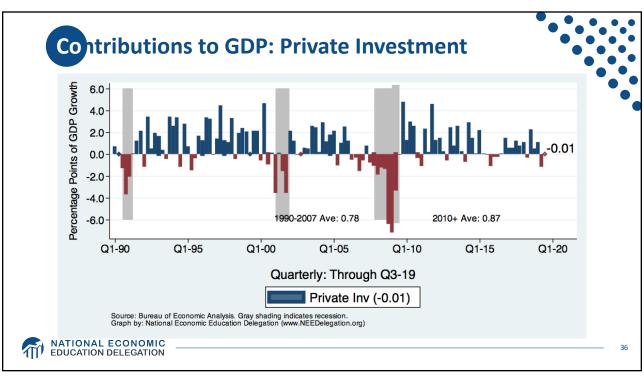
Investment Expenditures

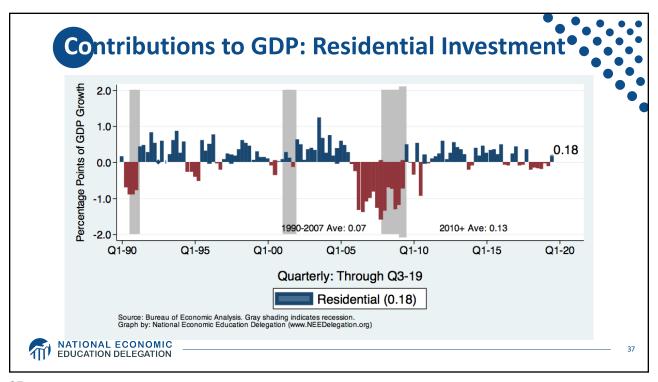
- Investment expenditures are composed of residential and nonresidential spending.
- Residential spending refers to home construction, including remodeling.
- Non-residential spending refers to capital purchases and new inventory accumulation.
 - Tools, machinery, new factories, commercial real estate.



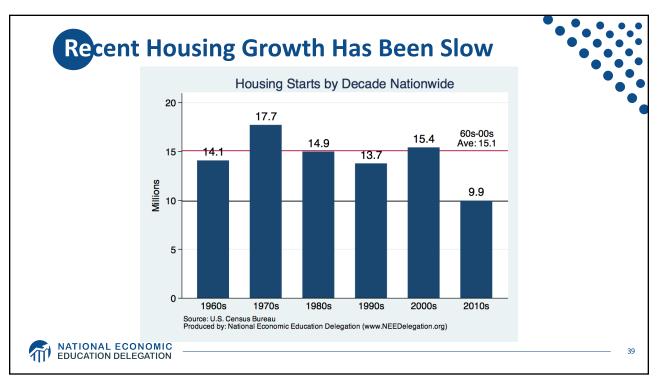
35

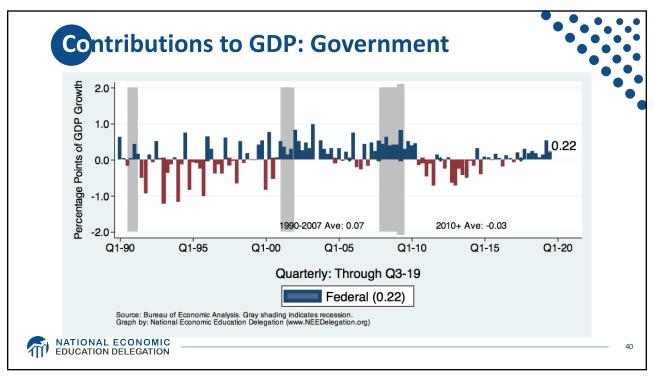
35

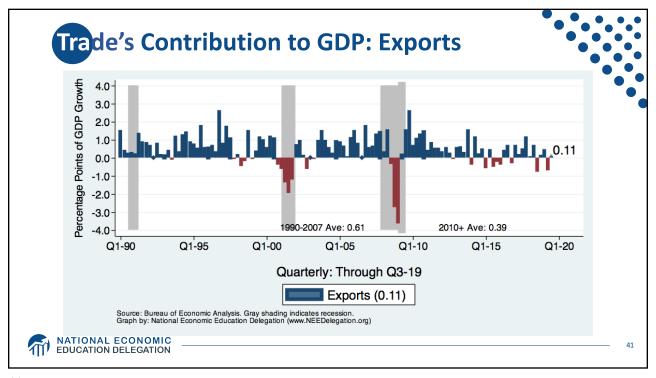


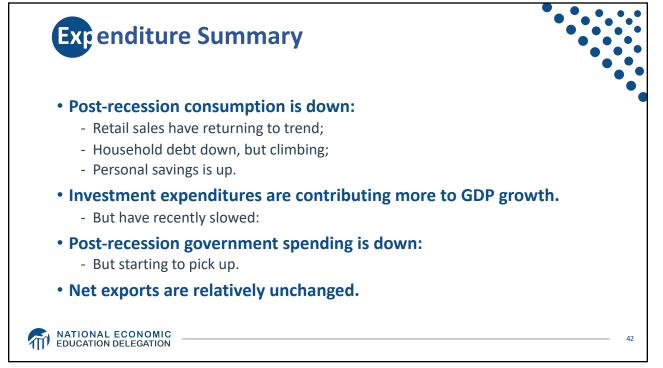


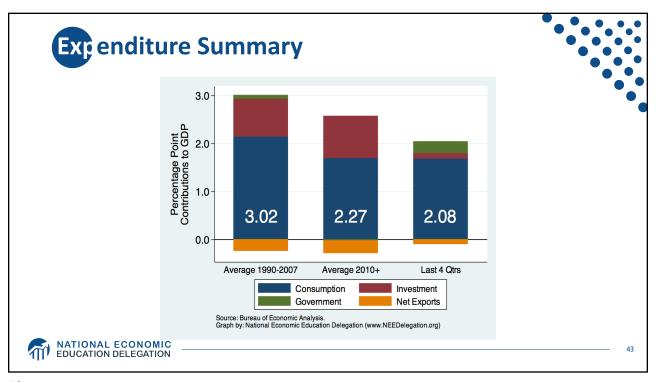














Productivity and Employment



- The labor market is an important indicator of the health of the U.S. economy.
- We'll focus on employment and productivity.
 - Trends in employment and labor force participation.
 - Trends in labor productivity.



45

45

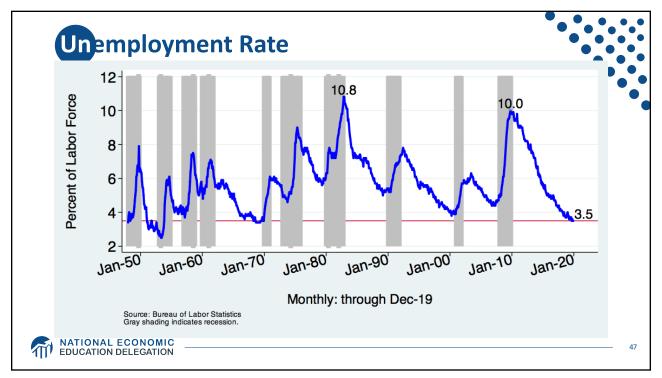
Labor Market Conditions

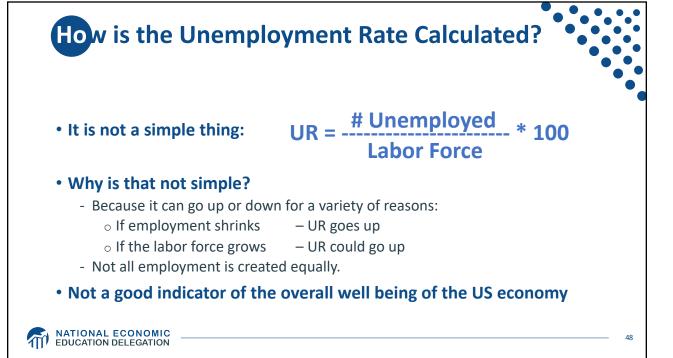


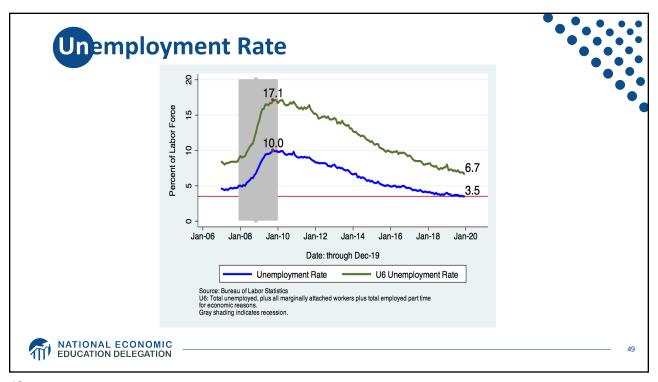
- Unemployment rate is low, 3.5%, a level not seen since the 1960s.
- Natural rate of unemployment is estimated to be 4.5% 5.5%.
- Monthly employment gains have averaged 189,000 jobs over the last six months.
 - This measure has been declining throughout 2019.
- Recent Labor Market Concerns:
 - Low employment-to-population ratio
 - Falling labor force participation
 - Slow wage growth

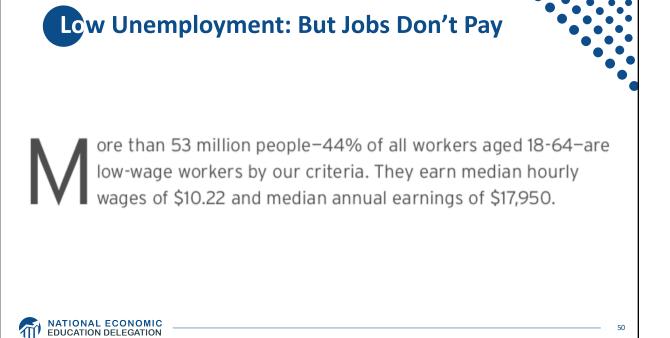


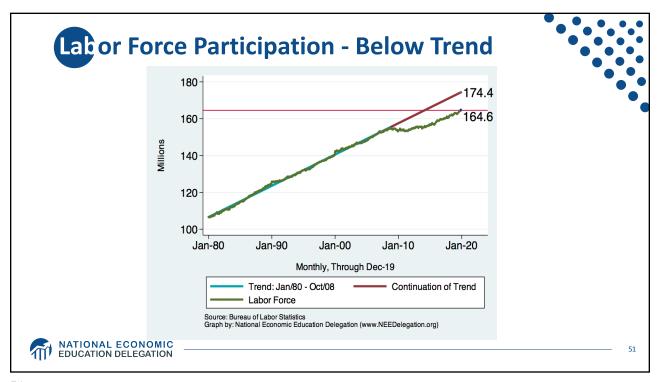
46

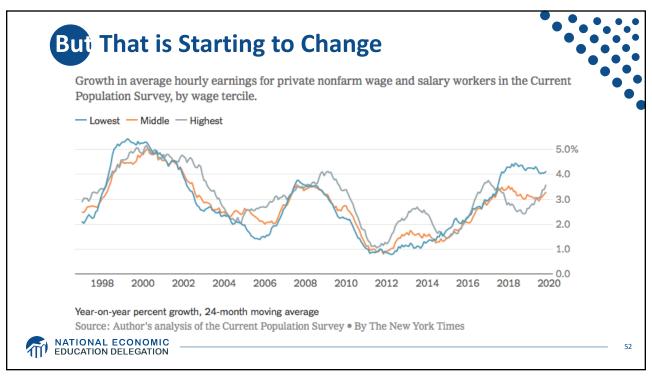


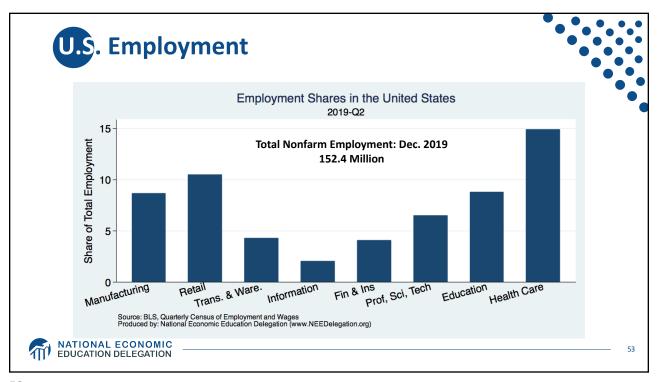


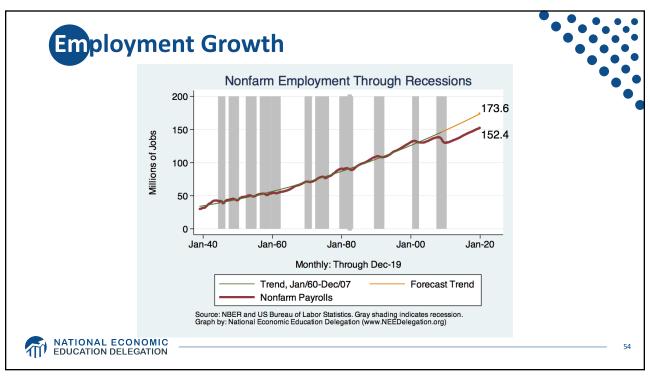


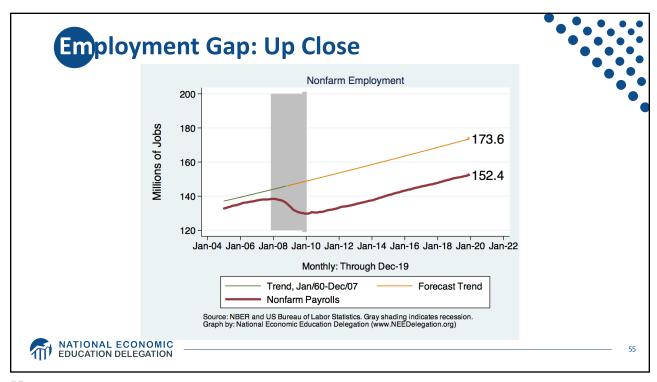


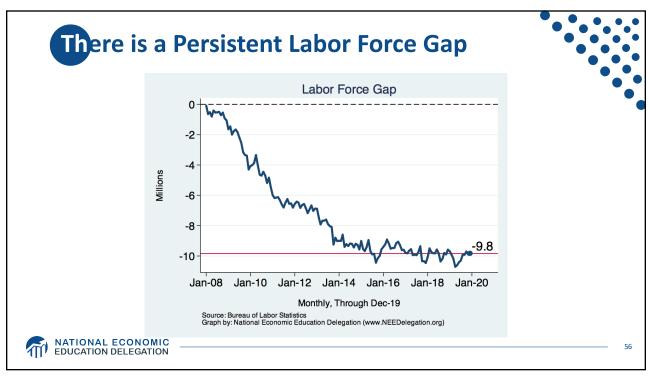


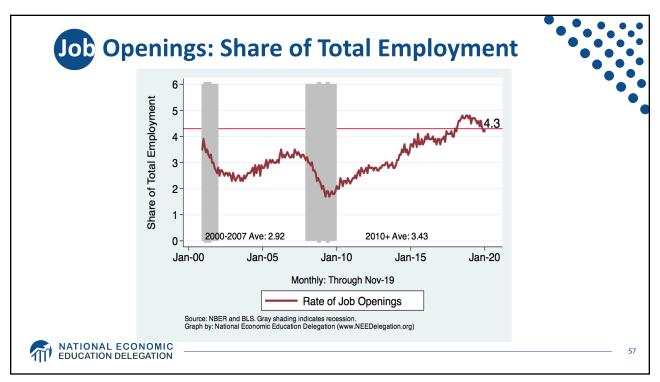


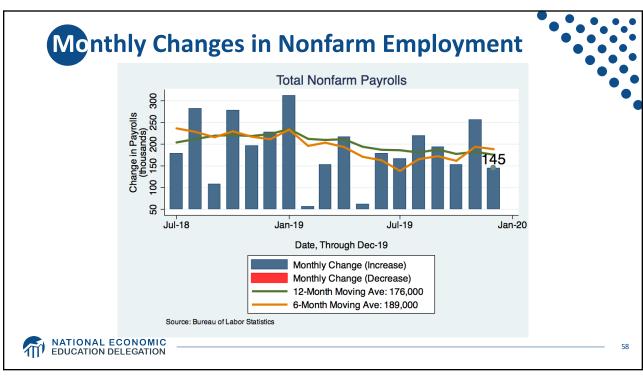


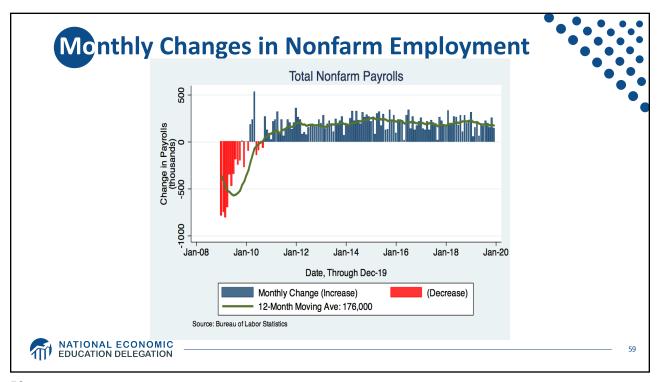


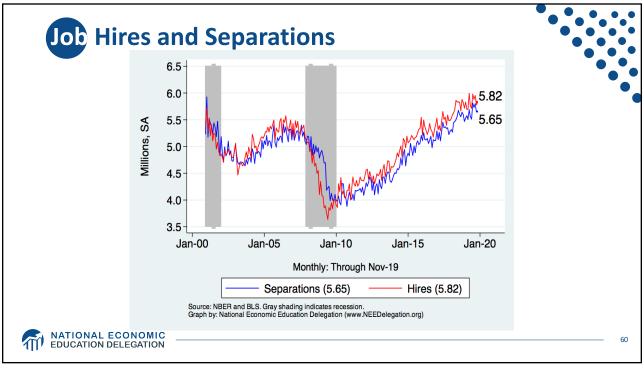


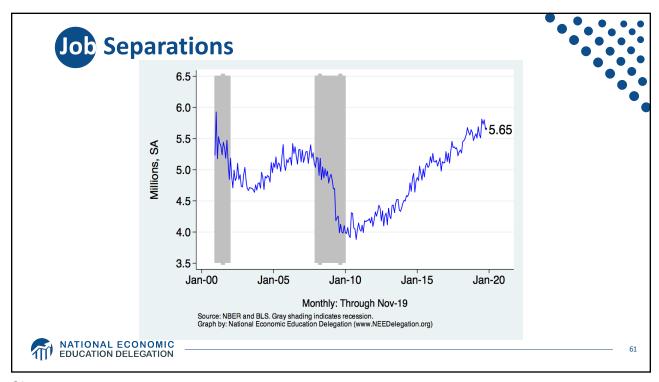


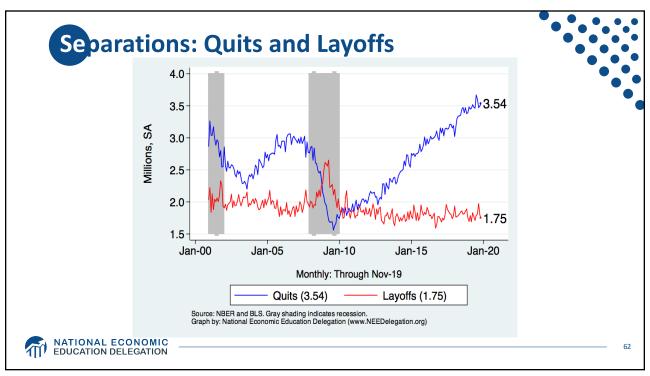


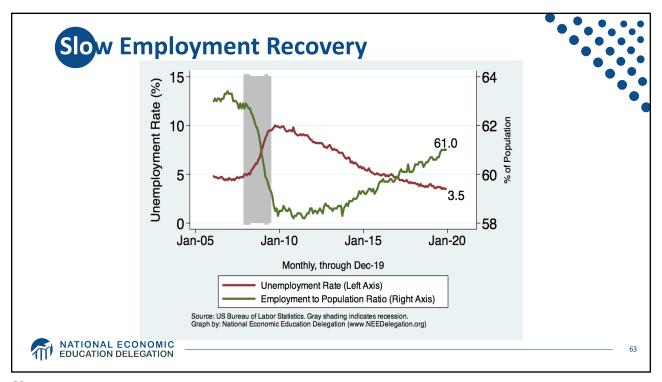


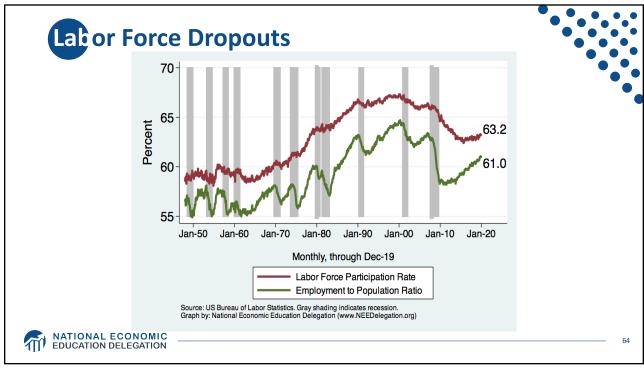


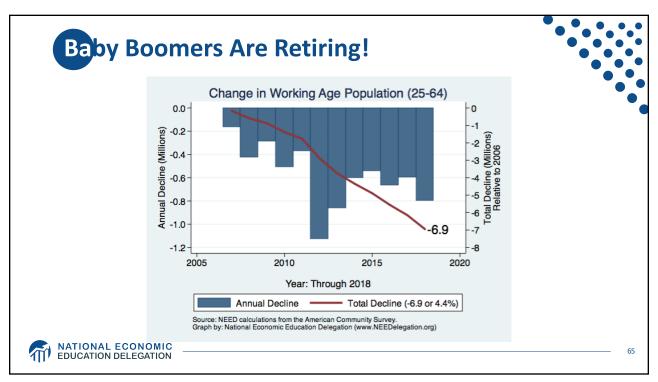


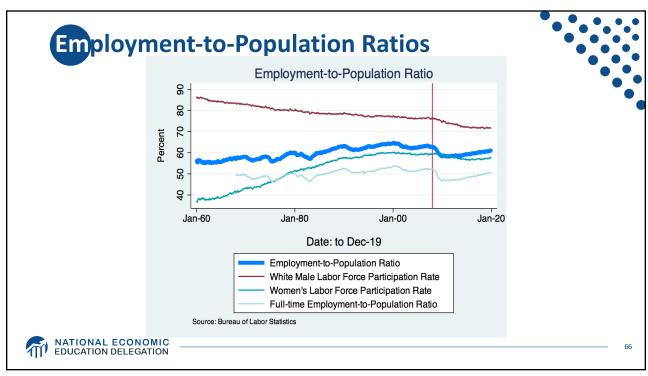


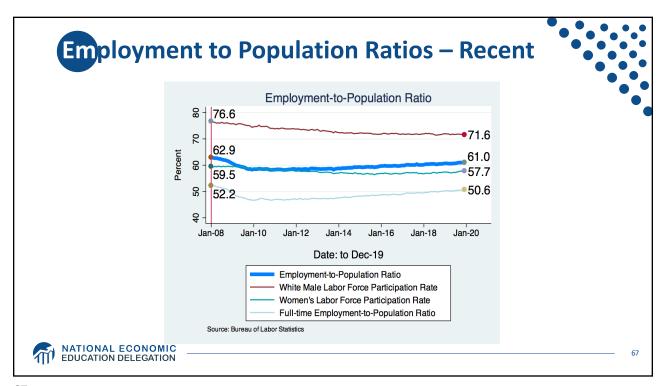


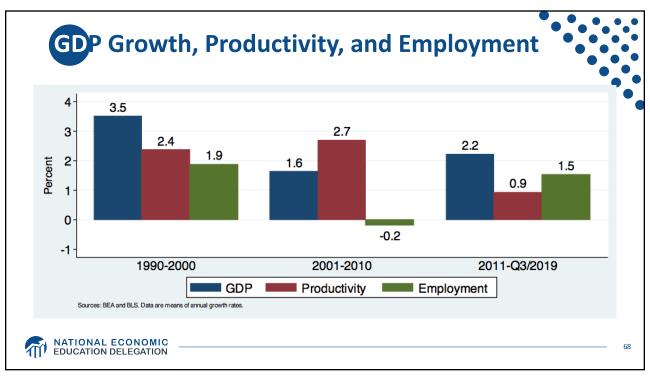


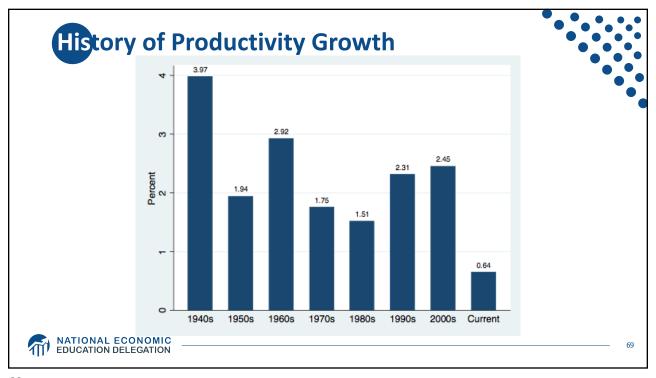












Summary

- GDP growth is primarily fueled by increases in demand for output.
- This growth is supported by growth in employment and productivity of the labor force.
- Recent years have seen relatively tepid increases in demand for output.
 - In particular, consumption and government spending have been slow relative to other periods.
- This tepid growth has lead to slow increases in employment.
 - As labor markets have tightened, wages have started to grow.
- Productivity growth has played little role in growing GDP.
 - Why this is so is not immediately clear.

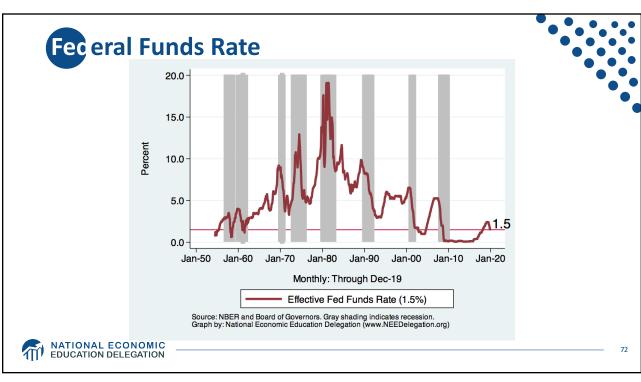


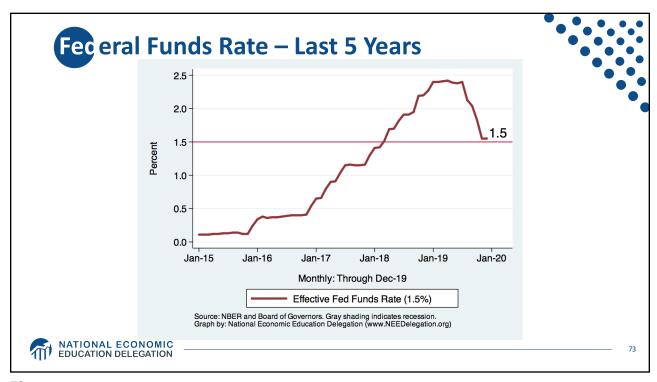
70

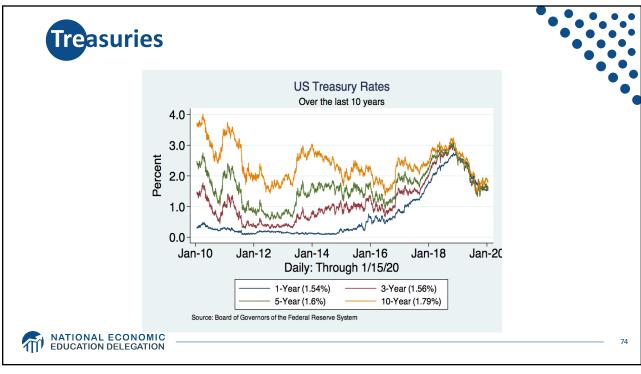


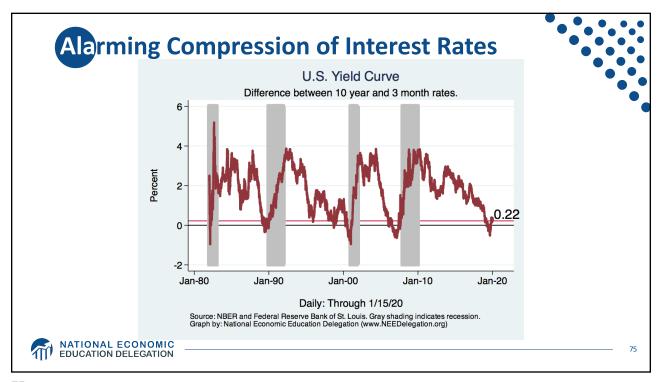
Monetary Policy

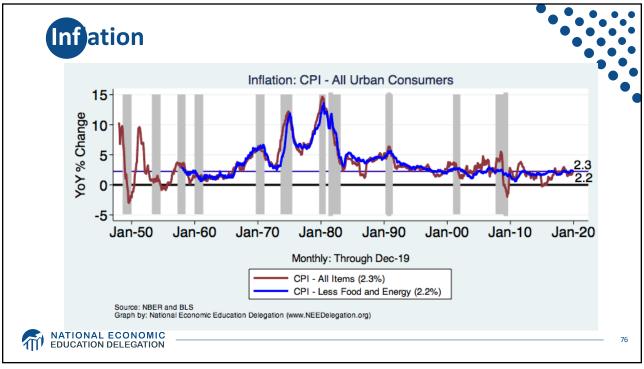


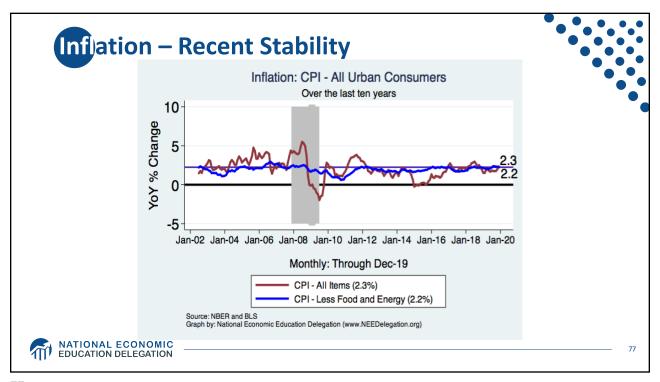


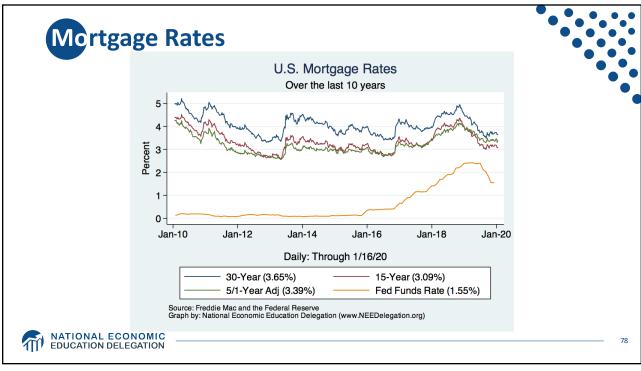


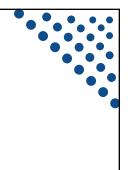






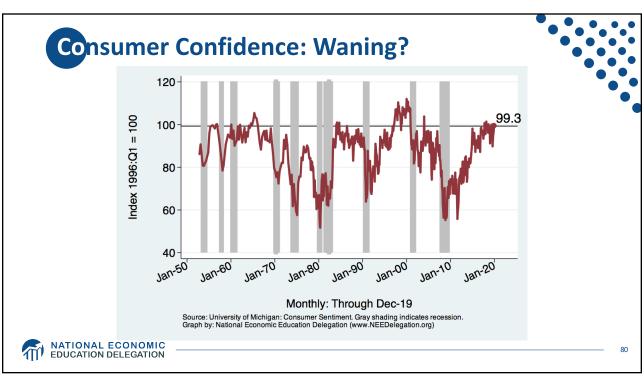


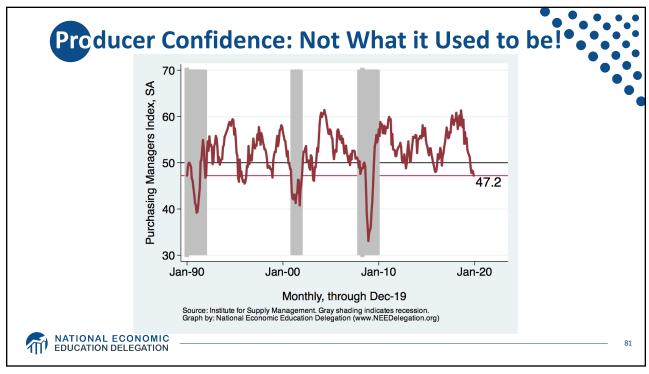


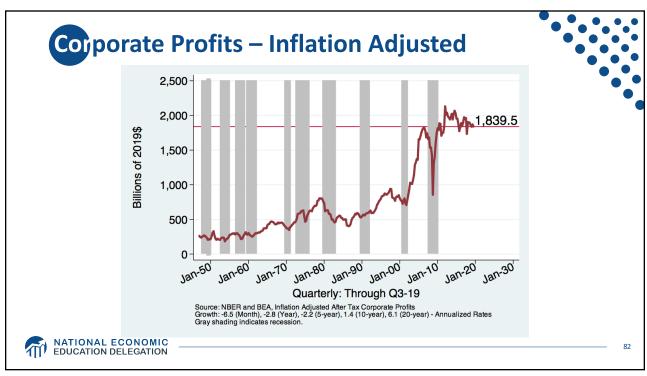


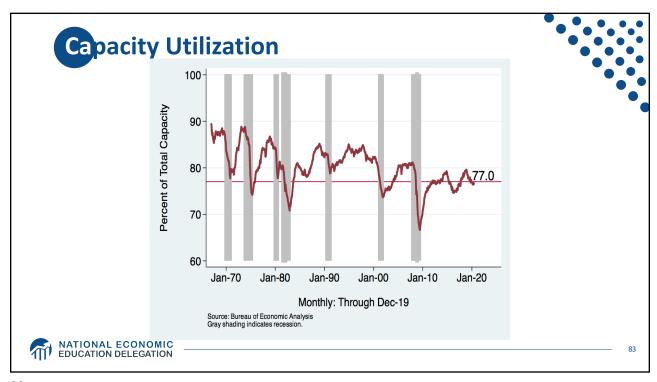
Other Indicators

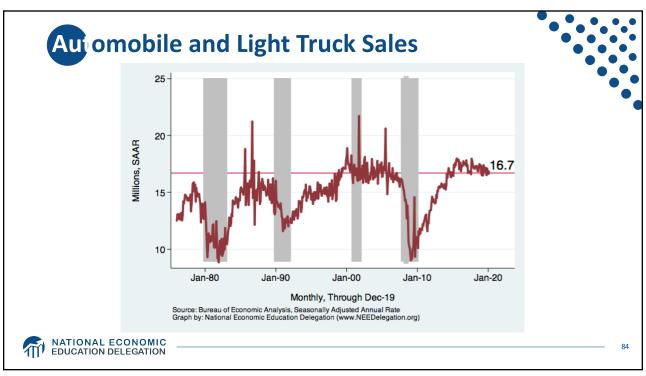












Summary of GDP, Labor Markets and Monetary Police

Behavior of GDP

- Behavior of expenditure components matter.
- On average, post-recession consumption, government, and export. expenditures are contributing less to GDP therefore slowing the recovery.
- In contrast, investment expenditures are contributing more.

Labor Market

- Unemployment is low, labor force participation is stagnant
- Real wages may be starting to grow.

Monetary Policy

- Interest rates are rising.
- Policy normalization is underway.



85

85

Things to Be Worried About

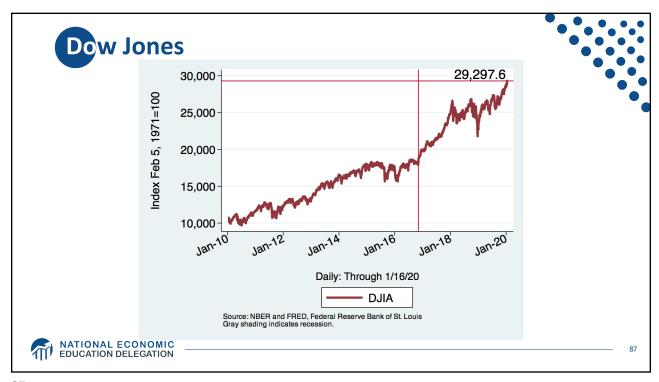


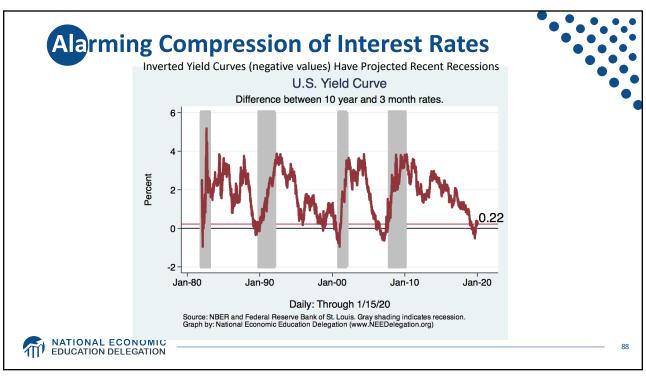


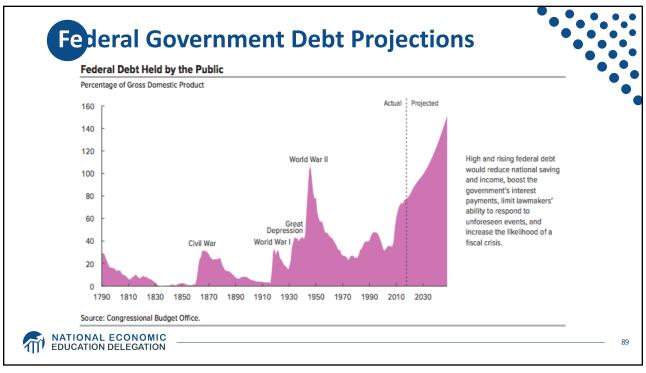
- Government Debt
- Declining Labor Force
- Income and Wealth Inequality
- Policy Uncertainty
 - Trade and immigration policy, especially
- Lack of ammunition to fight a recession



86







Overall Summary



- Economic forecasts for near term are favorable.
- Later 2020 and 2021 forecasts are less sanguine.

There remains room for the economy to grow

- Labor force growth is available.
- Consumption has room to grow, but there is evidence of slowing.
- Business investment may be slowing.
- Return to productivity growth? But how? What's the next big idea?

Long term concerns unaddressed

- Demographics, climate change
- Federal government debt
- International trade policy



90



- Government Budgets
- Climate Change

- Income Inequality
- Trade and Globalization
- Housing Policy



91



Any Questions?

www.NEEDelegation.org
Jon Haveman, Ph.D.
Jon@NEEDelegation.org

Contact NEED: info@needelegation.org

Submit a testimonial: www.NEEDelegation.org/testimonials.php



92

