Osher Lifelong Learning Institute, Fall 2019 What Economists Know About Important Policy Issues

Lecture 1: The U.S. Economy

September 20, 2019

Jon Haveman, Ph.D.

National Economic Education Delegation



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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.



Who Are We?

Honorary Board: 44 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

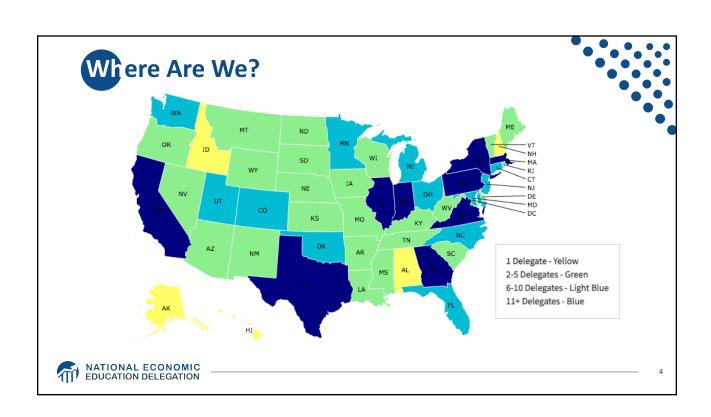
• Delegates: 365 members

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

• Global Partners: 42 Ph.D. Economists

- Aid in slide deck development





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).



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Course Outline



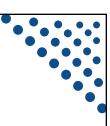
What Economists Know About Important Policy Issues

- Week 1 (9/20): US Economic Update
- Week 2 (9/27): Government Budgets & Debt
- October 4: NO CLASS
- Week 3 (10/11): Trade and Globalization
- Week 4 (10/18): Income Inequality
- Week 5 (10/25): Climate Change
- Week 6 (11/1): Housing Policy



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- Behavior of GDP
- Labor Market
- Monetary Policy/Interest Rates
- Other Indicators
- Summary



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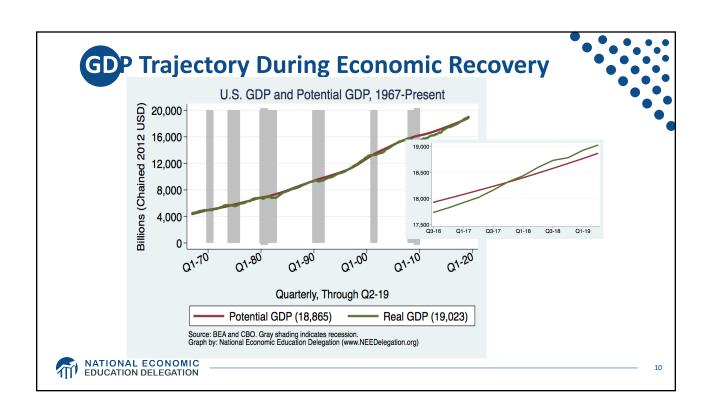
Behavior of GDP

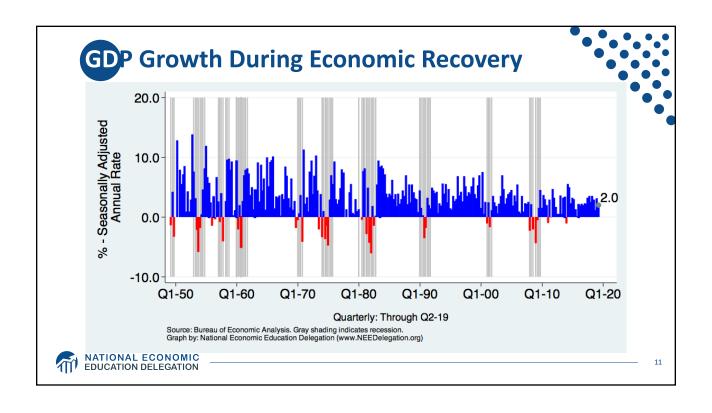


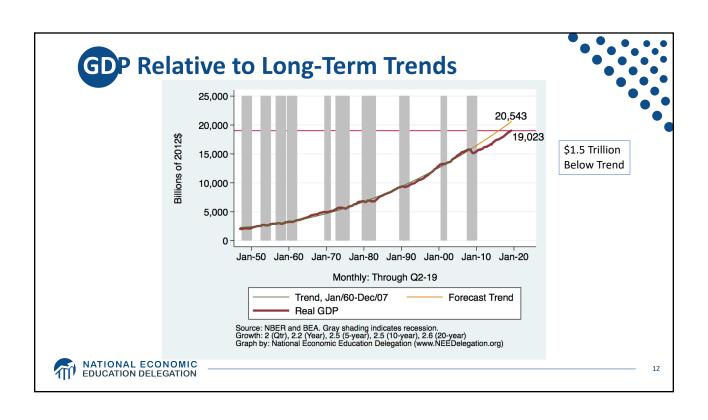


- Real GDP is a standard measure of production used by economists to assess the health and well-being of an economy
- Potential GDP is the level of production in an economy operating at full employment
- We use potential GDP to get a sense of what production should be in an economy







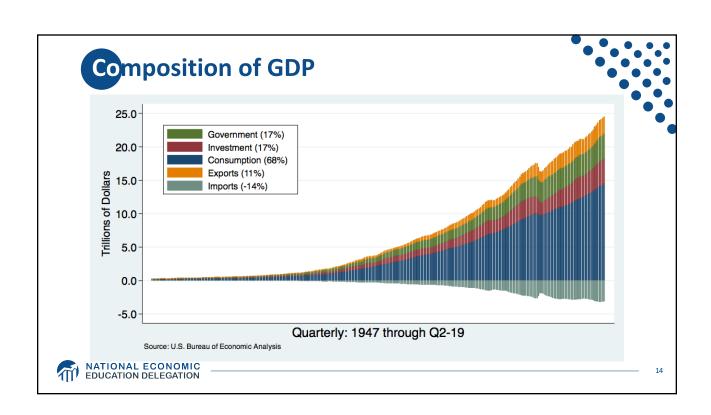




What Is "Accounting" for the Slow Recovery?

- Expenditures drive GDP growth.
 - GDP is the sum of four categories of spending:
 - Consumption
 - Investment
 - Government spending
 - Net Exports: Exports Imports
 - Exports add to GDP
 - Imports are subtracted because they are included in the other categories
- Production also matters.
 - Employment
 - Productivity





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?



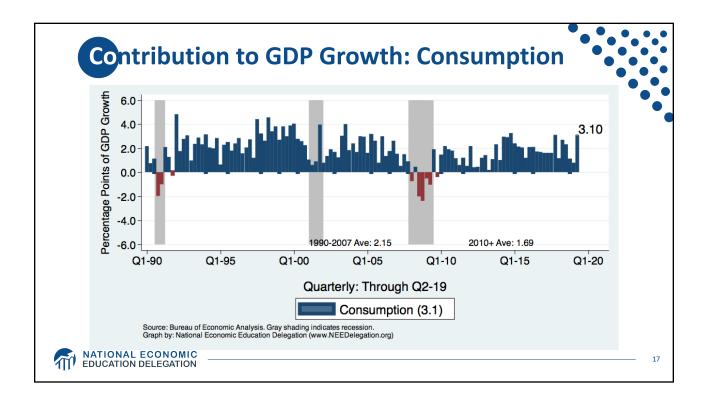
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Understanding Contributions to GDP Growth



- 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



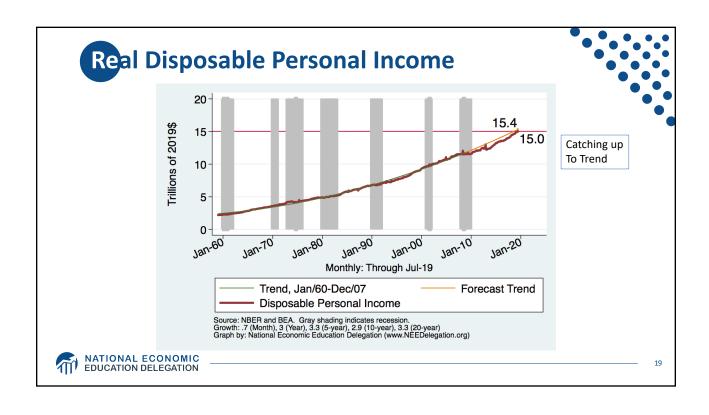


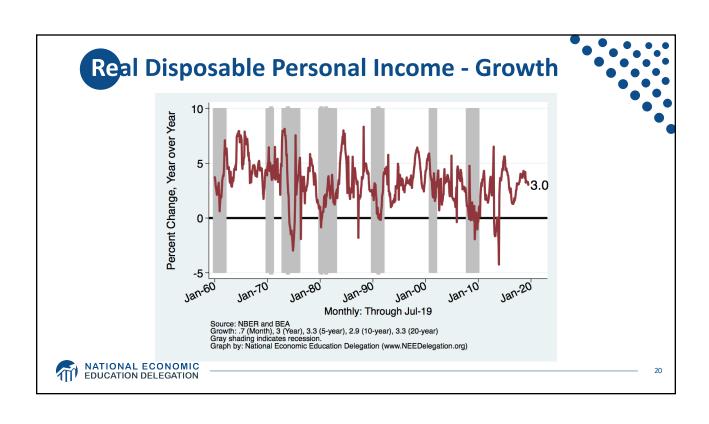
Personal Consumption Expenditures

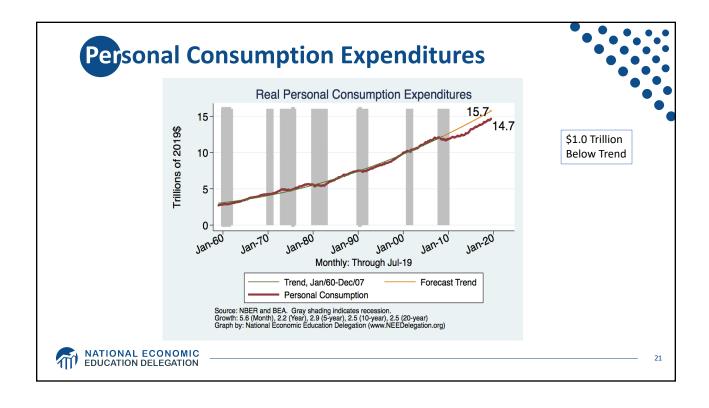


- Consumption has been slow to recover.
 - Pre-crisis average contribution of consumption expenditures was 2.15 percentage points.
 - Post-crisis contribution is 1.69 percentage points.
- In other words, its contribution to GDP growth is down 22%.
 - Let's explore why







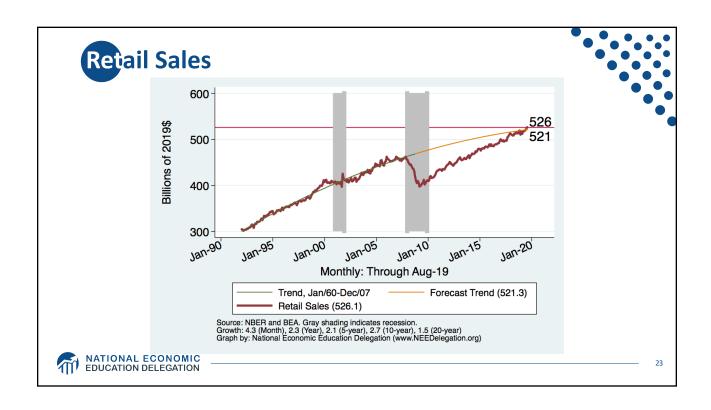


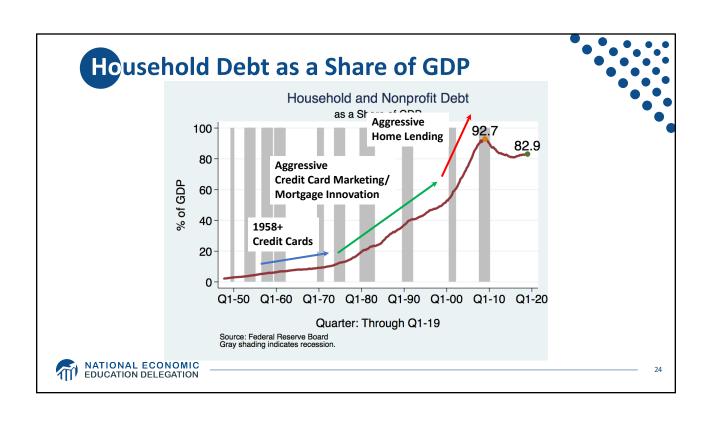
Explaining Consumption Expenditures

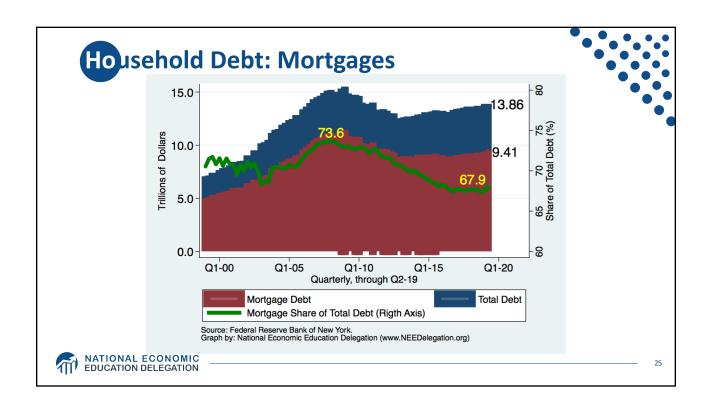


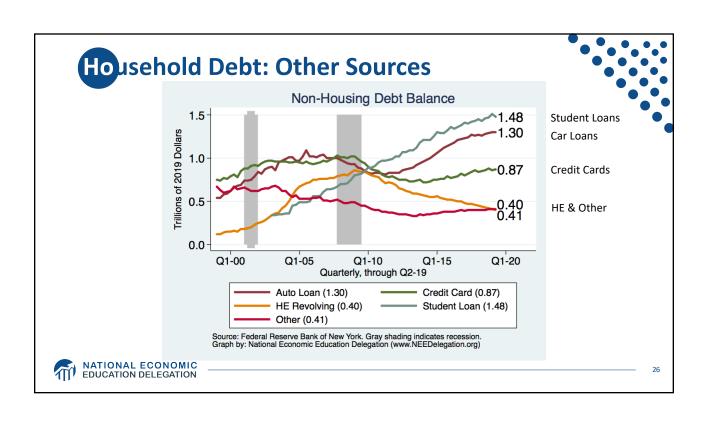
- Retail sales, household debt, and personal savings help explain changes in consumption expenditures.
- <u>Lower</u> levels of retail sales and household debt and <u>higher</u> savings should be correlated with *lower* levels of consumption expenditure.

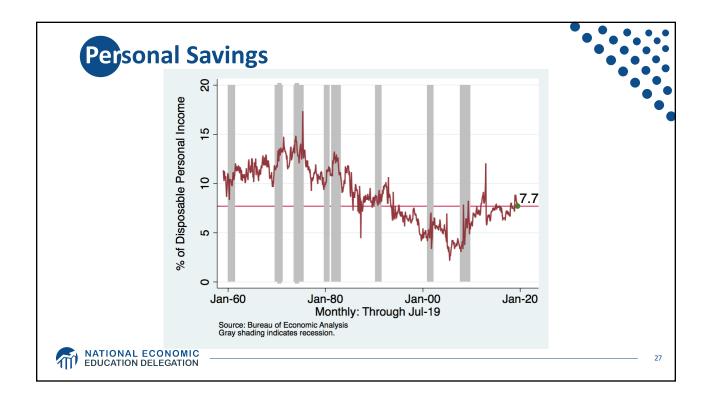








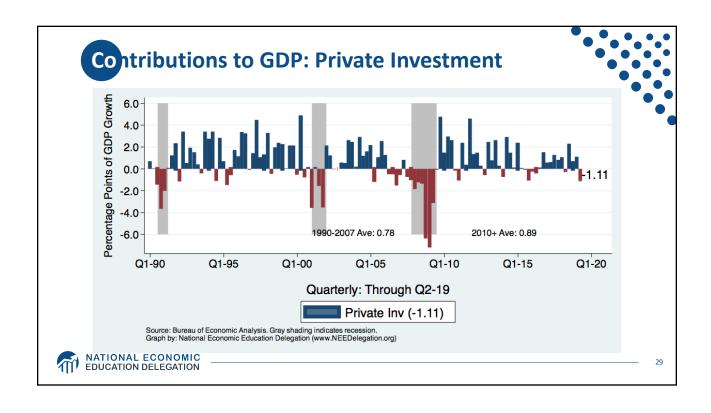


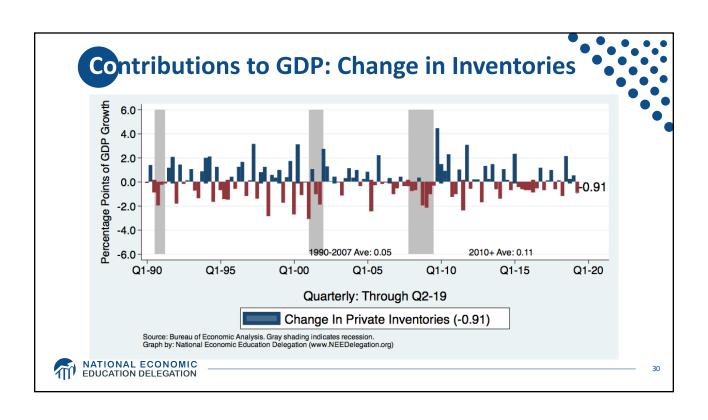


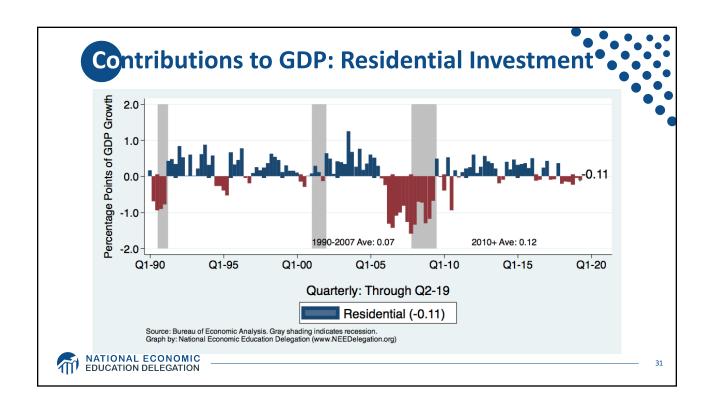
Investment Expenditures

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

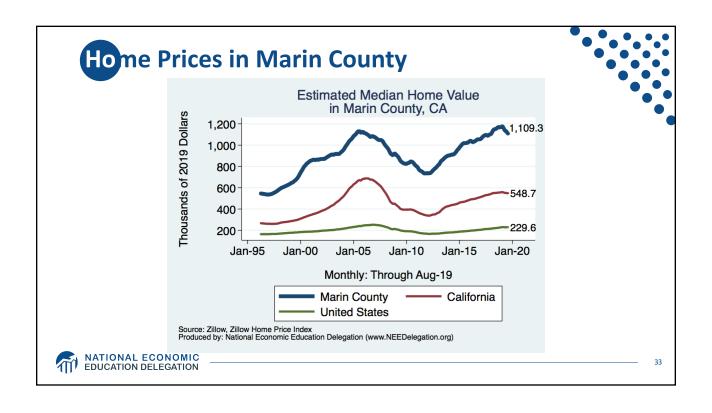


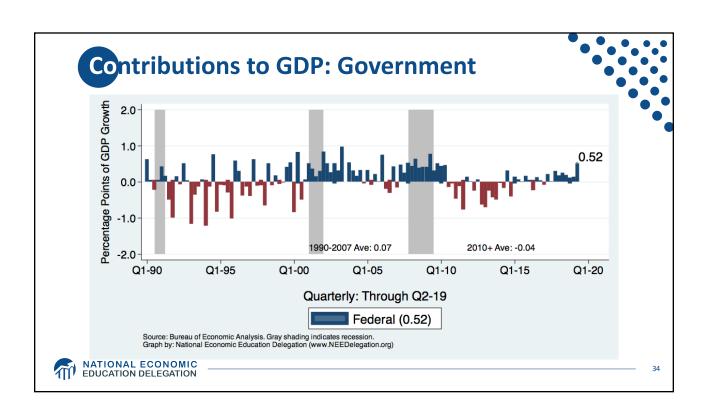


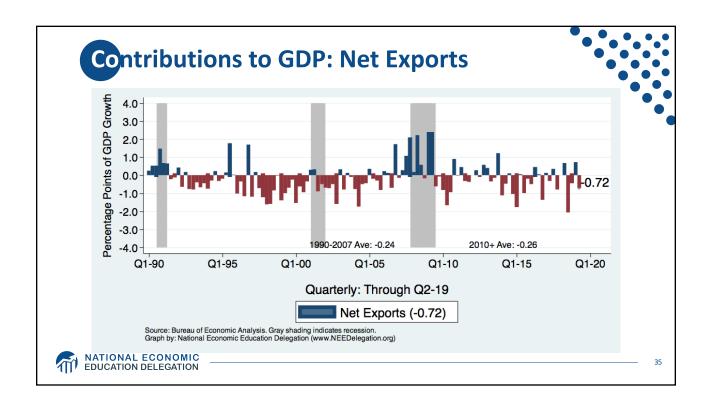


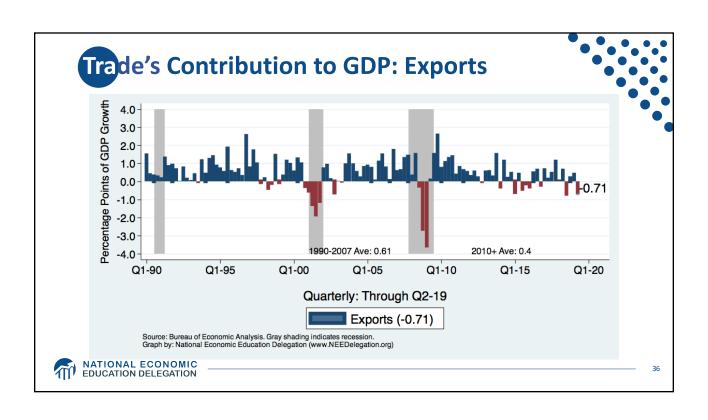


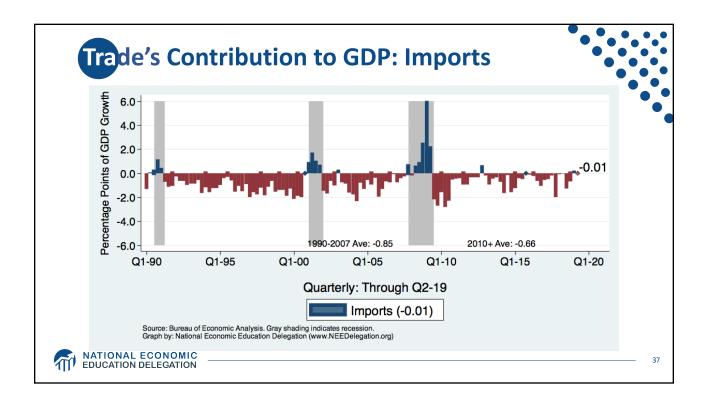










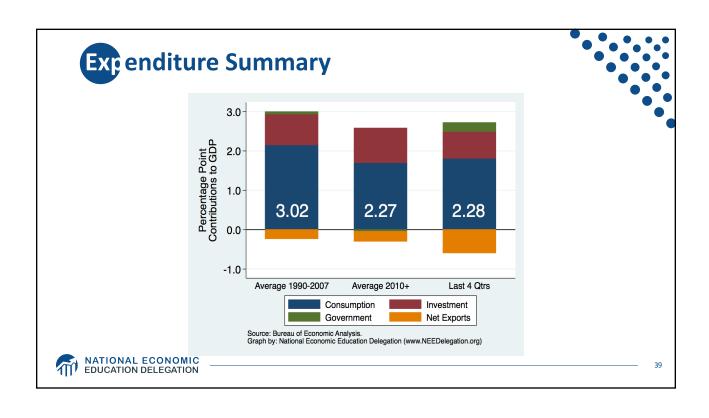


Expenditure Summary



- Post-recession consumption is down:
 - Retail sales are returning to trend;
 - Household debt down, but climbing;
 - Personal savings is up.
- Investment expenditures are contributing more to GDP growth.
- Post-recession government spending is down:
 - But starting to pick up.
- Net exports are relatively unchanged.







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.



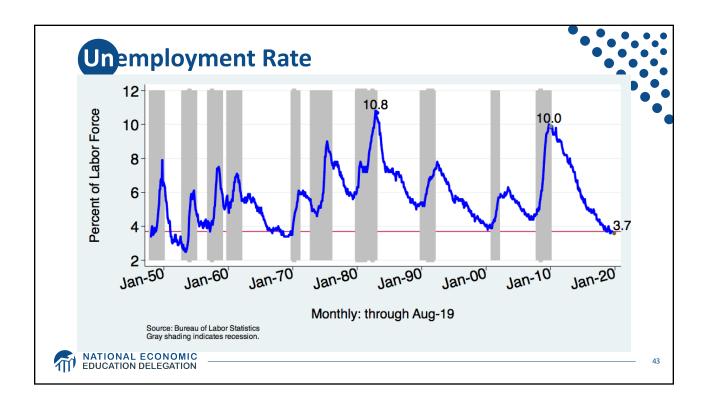
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Labor Market Conditions



- Unemployment rate is low, 3.7%.
- Natural rate of unemployment is estimated to be 4.5% 5.5%.
- Monthly employment gains have averaged 150,000 jobs over the last six months.
- Recent Labor Market Concerns:
 - Low employment-to-population ratio
 - Falling labor force growth
 - Slow wage growth



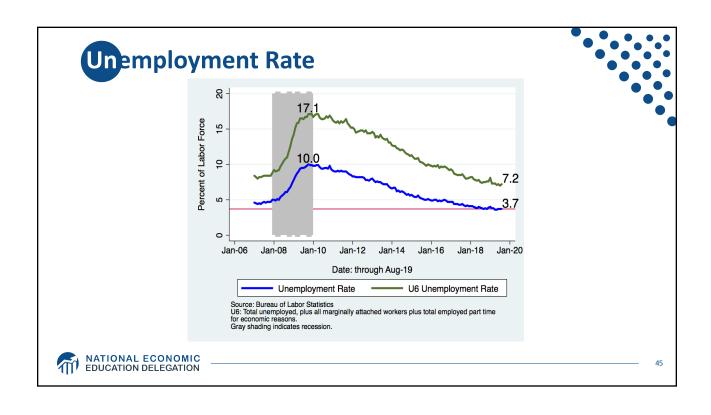


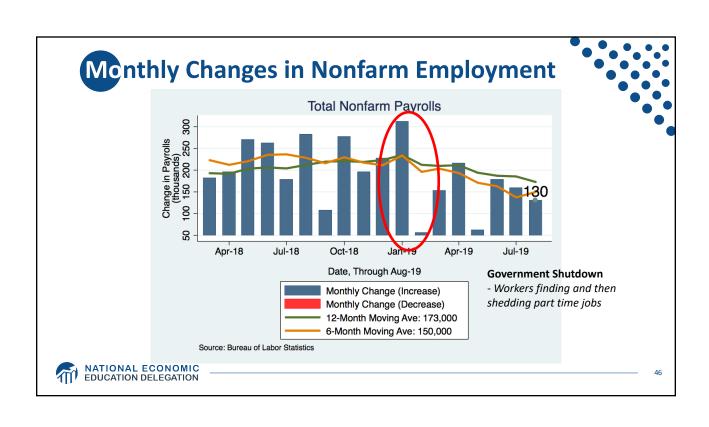


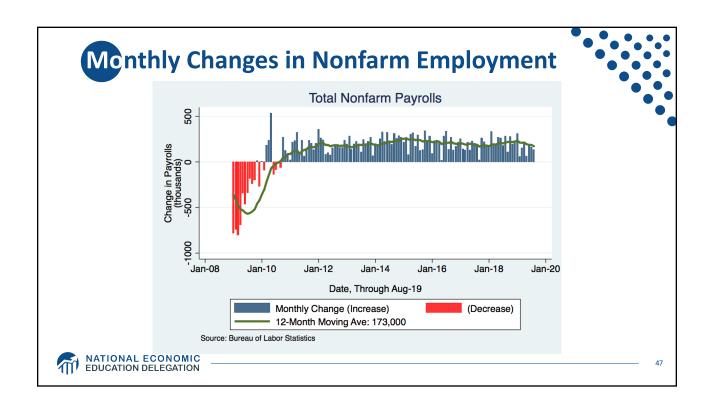
- It is not a simple thing: UR = #Unemployed * 100

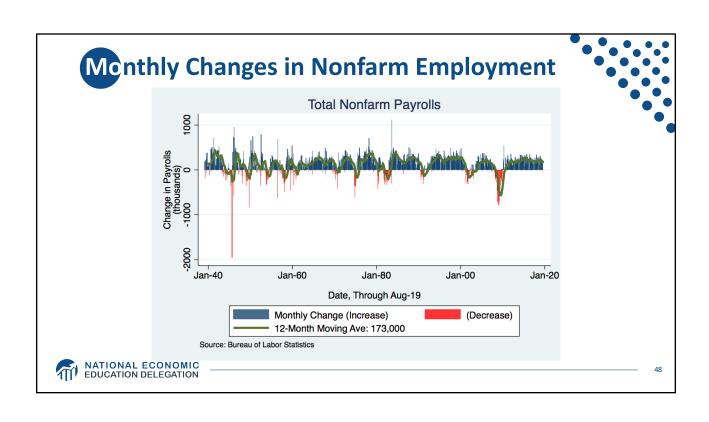
 Labor Force
- Why is that not simple?
 - Because it can go up or down for a variety of reasons:
 - o If employment shrinks − UR goes up
 - o If the labor force grows − UR could go up
 - Not all employment is created equally.
- Not a good indicator of the overall well being of the US economy

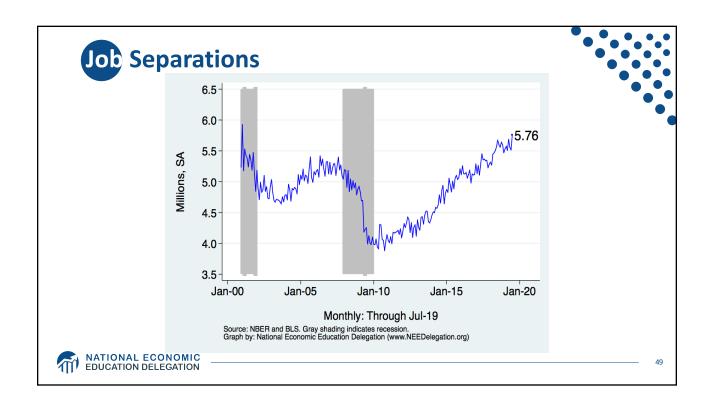


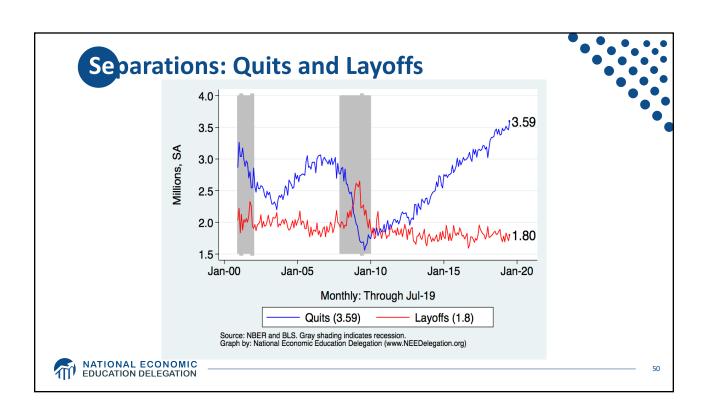


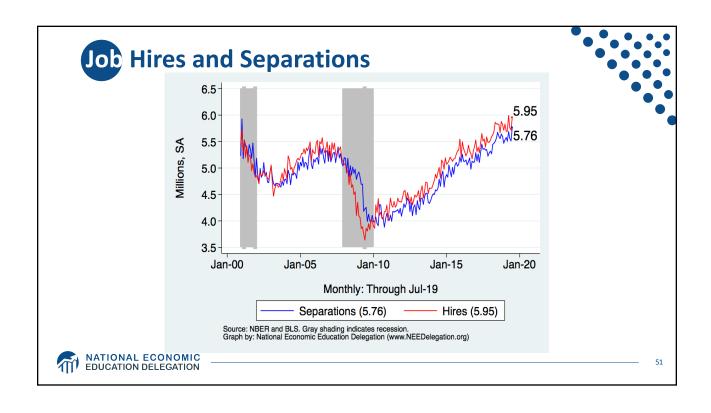


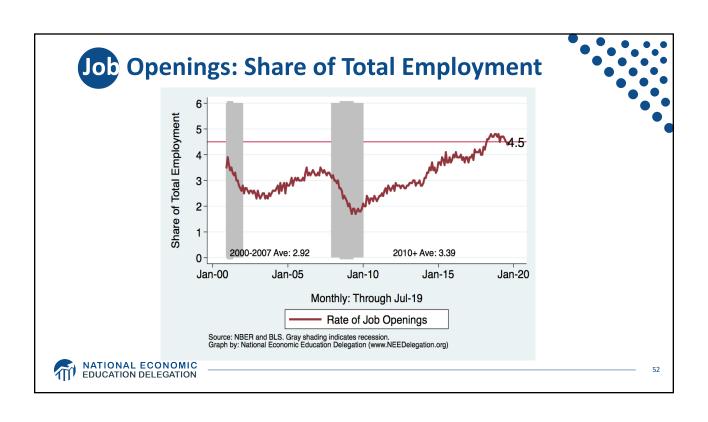


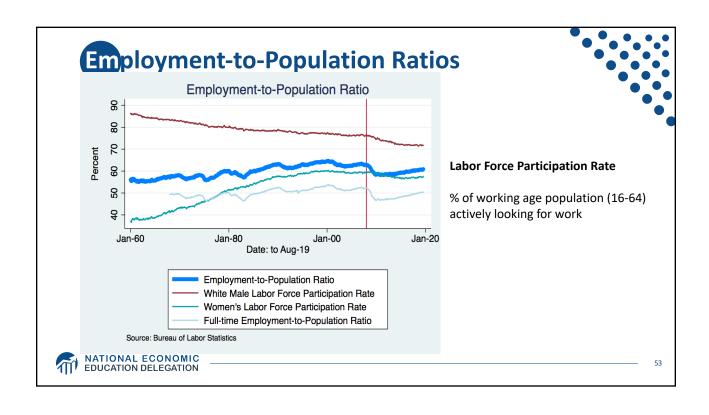


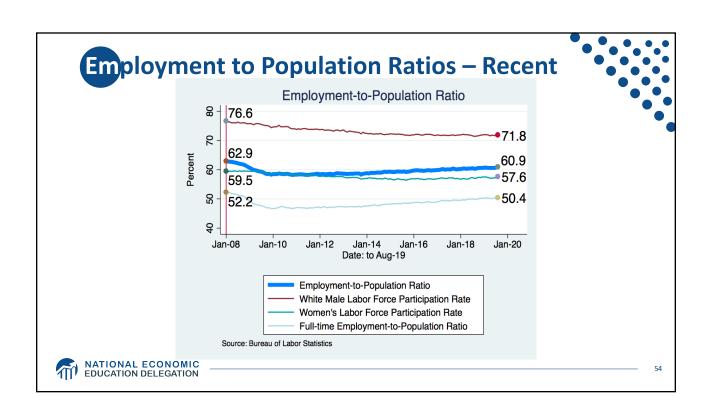


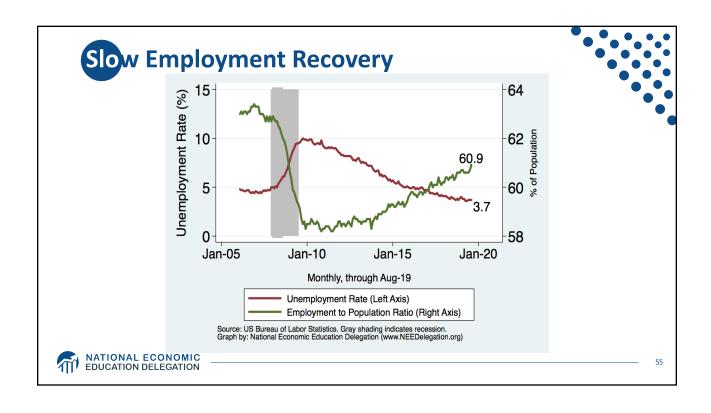


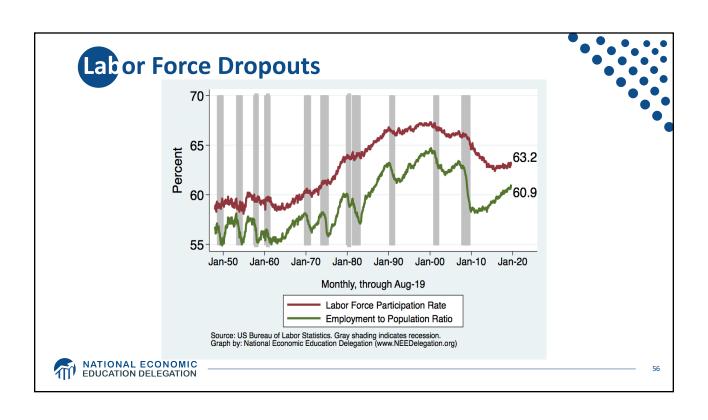


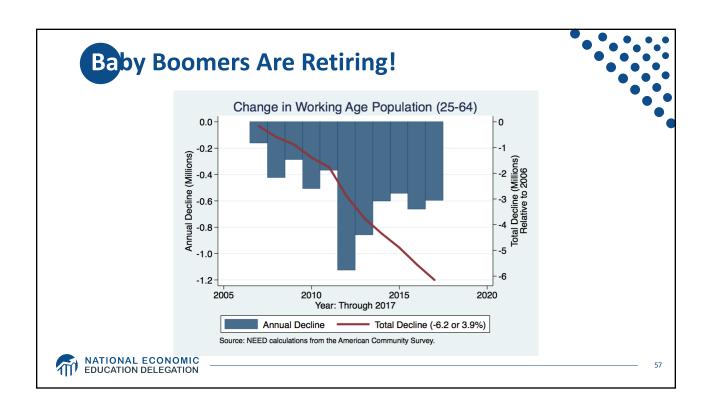


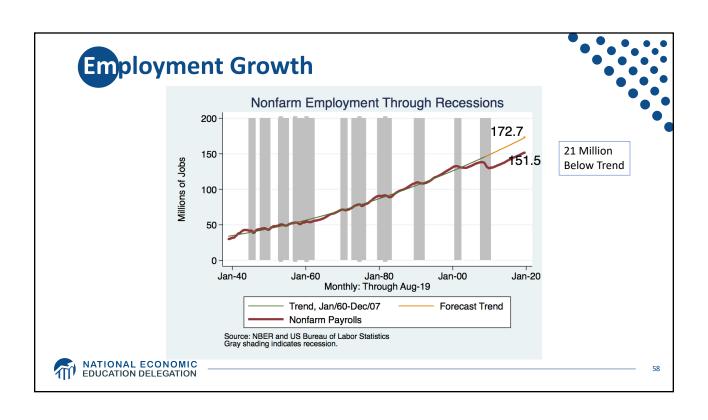


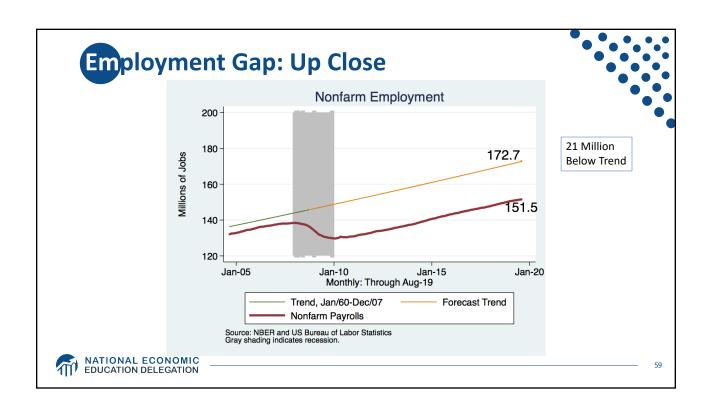


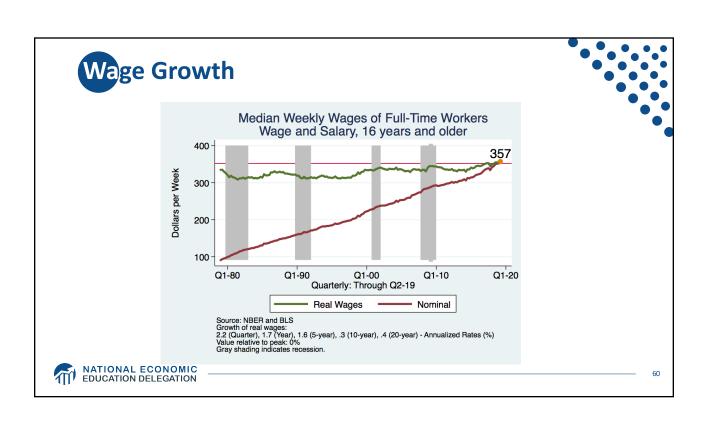


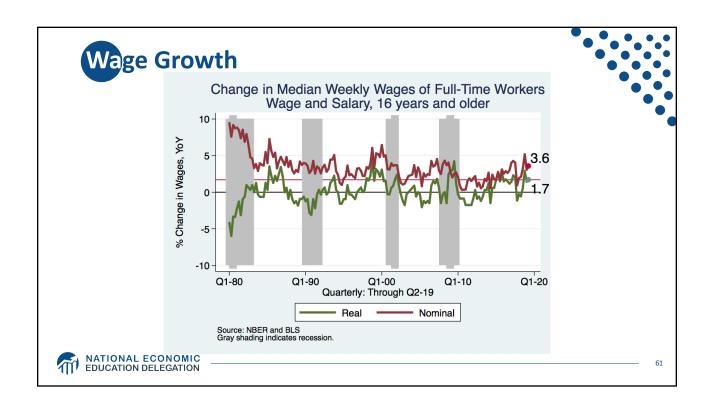


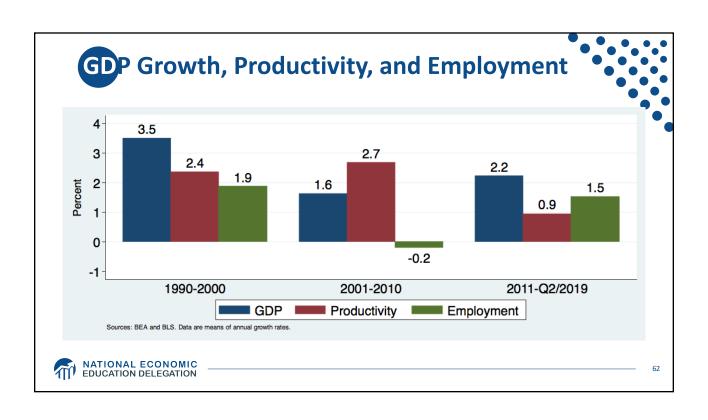


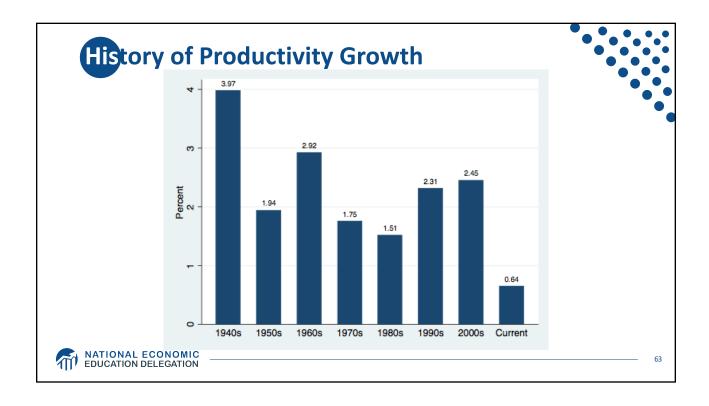










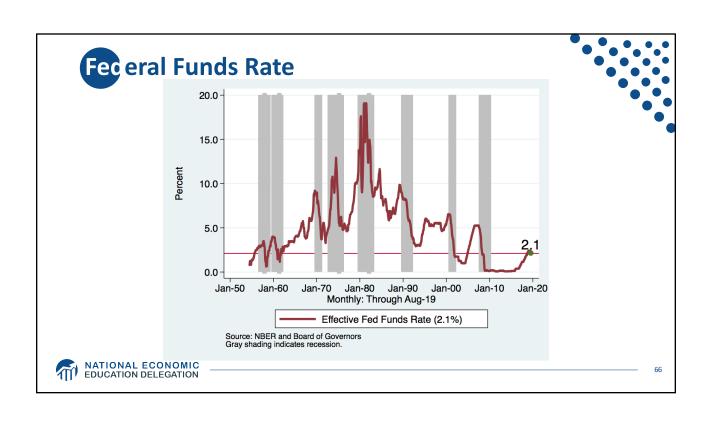


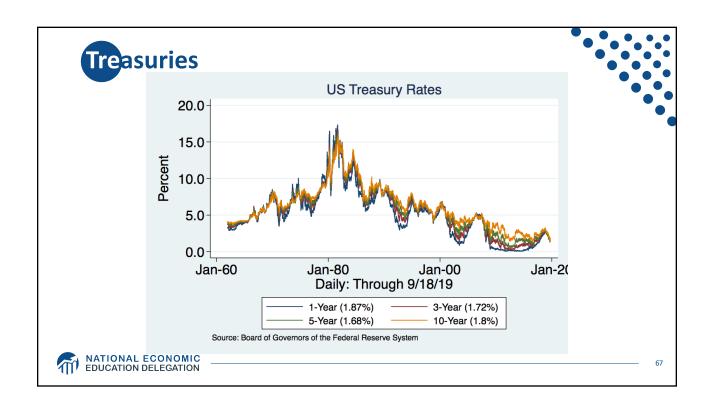
Summary

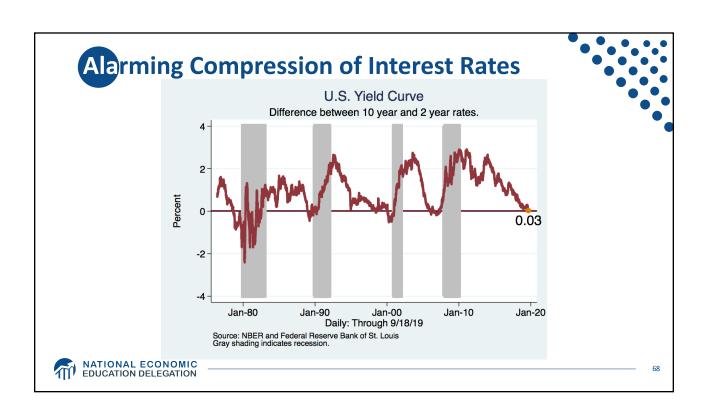
- GDP growth is primarily fueled by increases in demand for output.
- This growth is supported by growth in employment and productivity of the labor force.
- Recent years have seen relatively tepid increases in demand for output.
 - In particular, consumption and government spending have been slow relative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

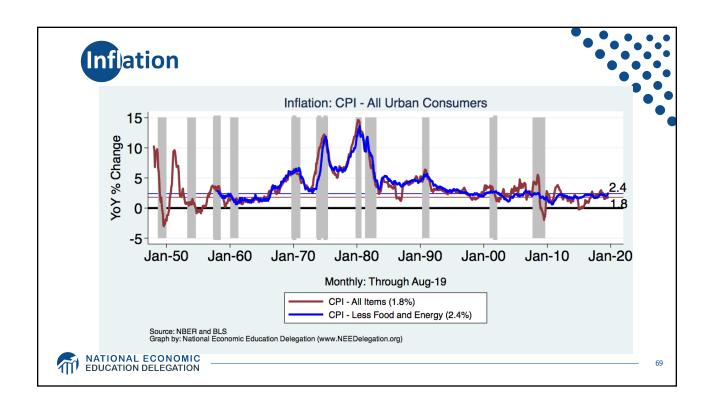


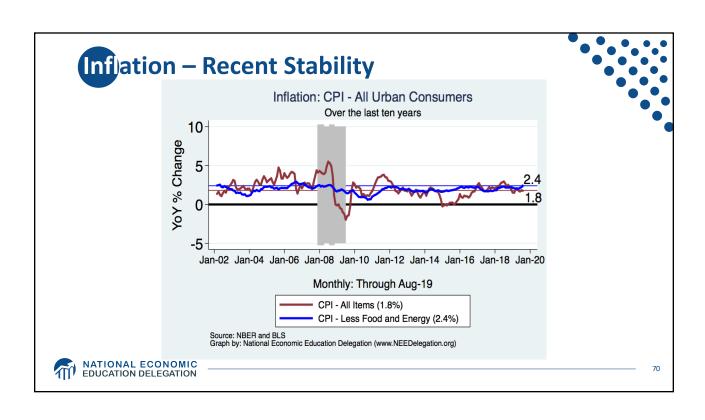


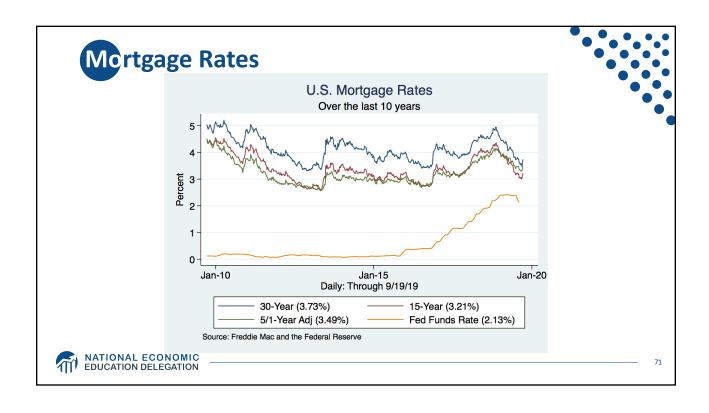




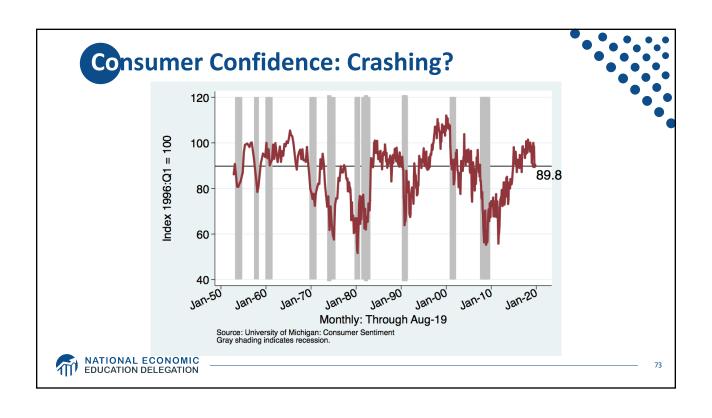


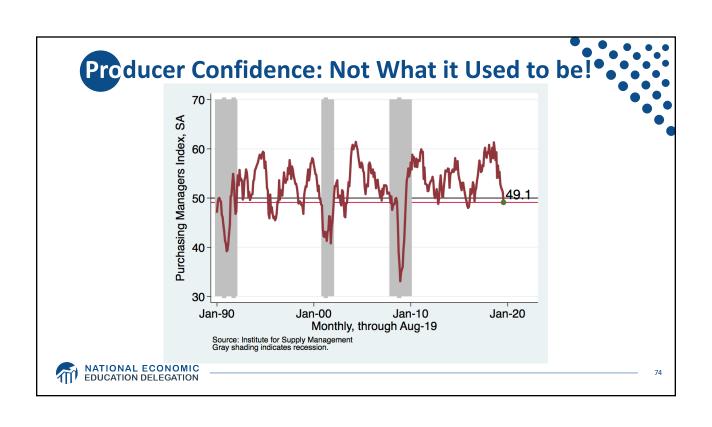


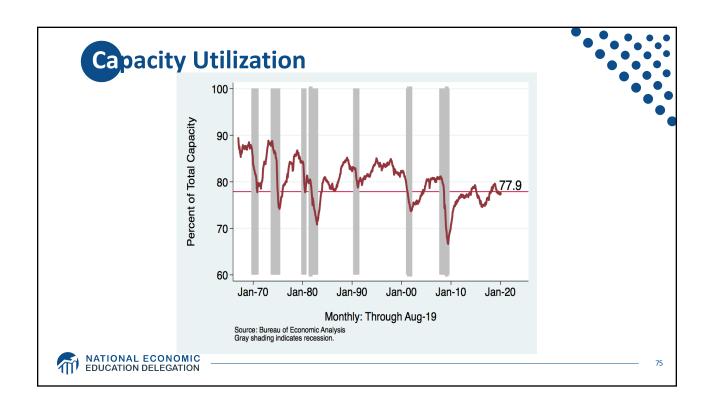


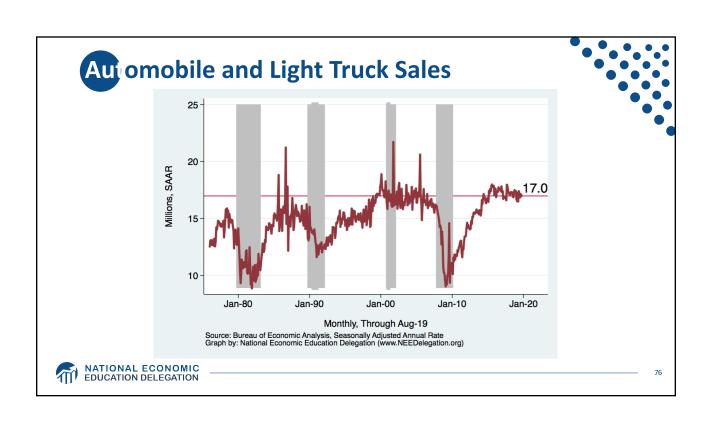




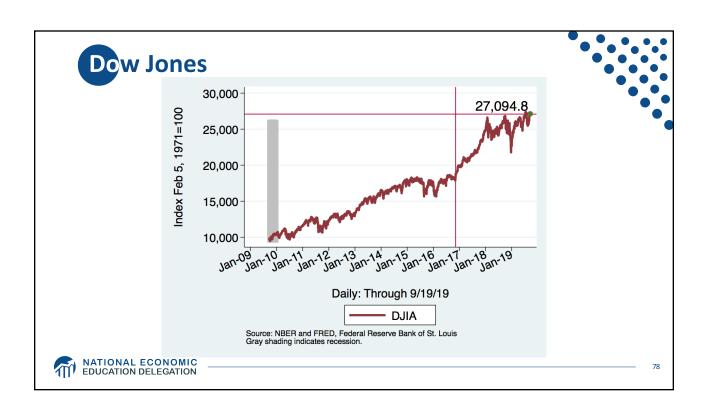












Summary of GDP, Labor Markets and Monetary Police

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 are growing, but slowly.

Monetary Policy

- Interest rates are likely to continue falling.



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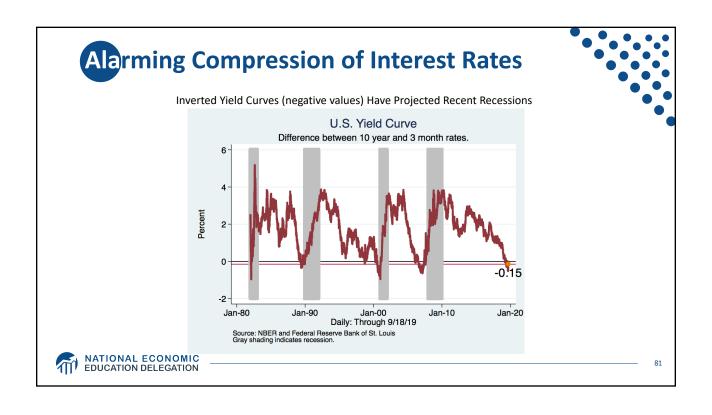
Things to Be Worried About

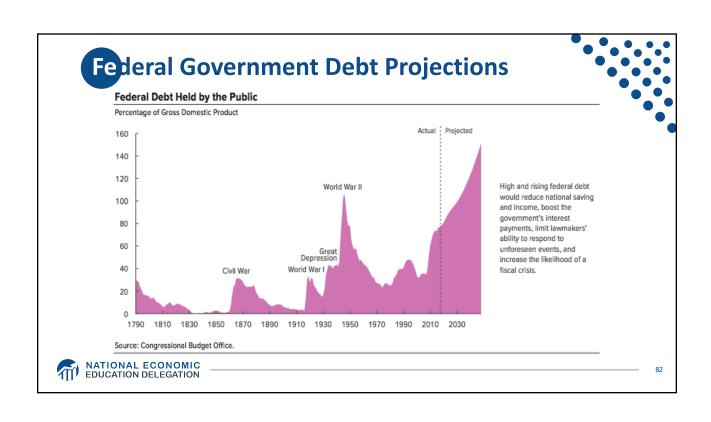


- Yield Curve
- Government Debt
- Growth Abroad
- Income and Wealth Inequality
- Corporate Debt
- Policy Uncertainty
 - Trade and immigration policy, especially



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Overall Summary



- Tailwinds and headwinds both exist
 - Economic forecasts for near term are moderate, but gaining pessimism.
 - 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
 - Business investment is slowing
 - Slack in housing markets
- Long term concerns unaddressed...
- Yield curve and Geopolitical concerns



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Teasers: Upcoming Lectures

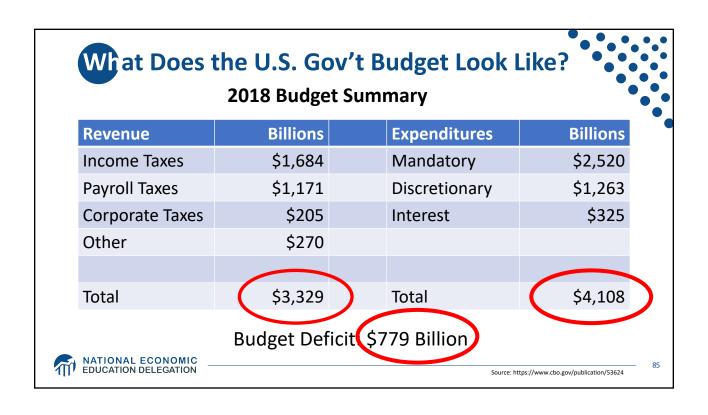


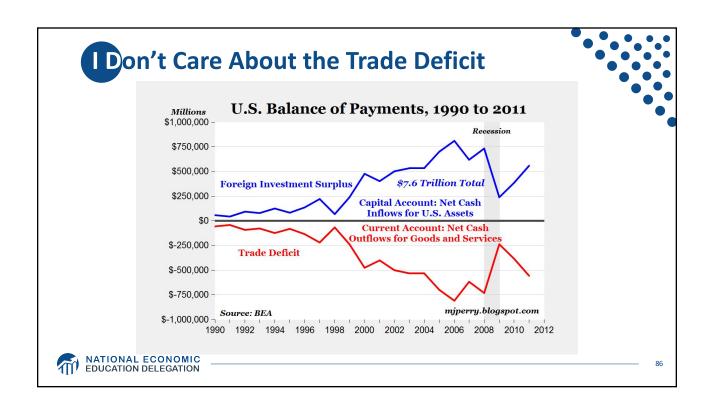
- Government Budgets
- Trade and Globalization
- Income Inequality

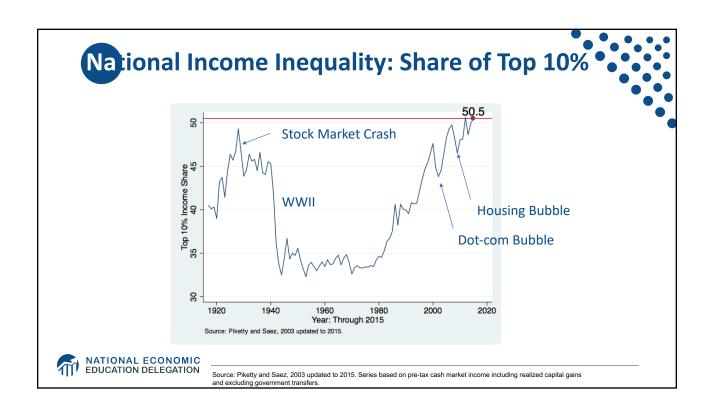
- Climate Change
- Housing Policy

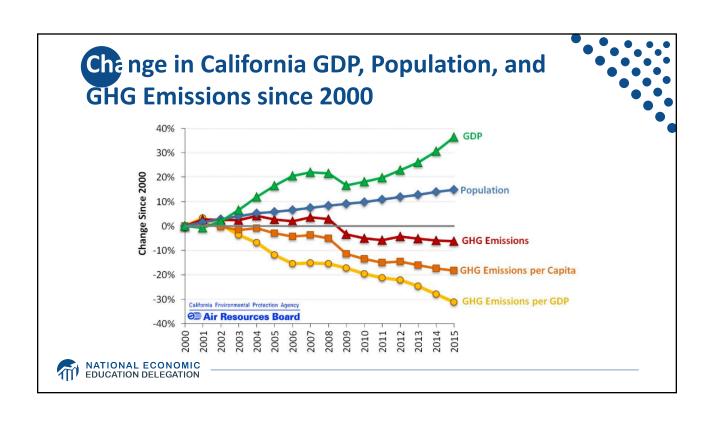


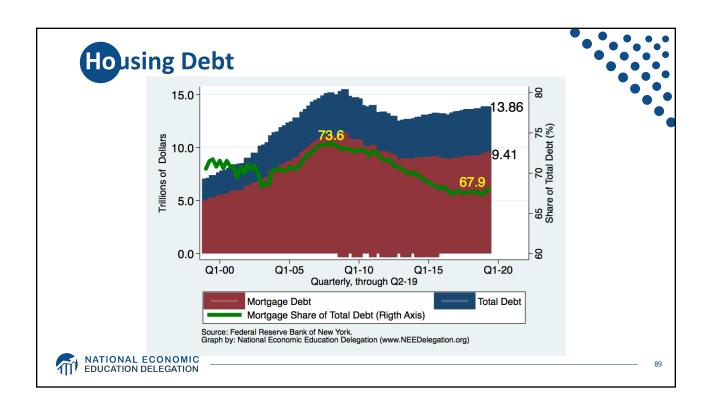
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The Local Economy



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CA Employment Growth is Slowing **Employment Situation in California** 19 12.0 18.6 - 10.0 L Sqor Joseph 17 **Growth Rate:** 8.0 Last Month: 1.4% 6.0 Last Year: 1.8% 16 Last 3 Years: 2.0% Jan-00 Jan-10 Jan-15 Jan-20 Last 5 Years: 2.5% Month: Through Jul-19 Employment (Left Axis) Unemployment Rate (Right Axis) Source: U.S. Bureau of Labor Statistics, Seasonally Adjusted Produced by: National Economic Education Delegation (www.NEEDelegation.org) NATIONAL ECONOMIC EDUCATION DELEGATION

