

COVID-19: Economic Implications and Policy Response

Sep 25, 2020
Novato Rotary Club

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Amherst College



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Who Are We?

- **Honorary Board: 47 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: 500+ 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



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Available NEED Topics Include:

- US Economy
- Climate Change
- Economic Inequality
- Economic Mobility
- US Social Policy
- Trade and Globalization
- Trade Wars
- Immigration Economics
- Housing Policy
- Federal Budgets
- Federal Debt
- 2017 Tax Law
- Autonomous Vehicles



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Credits and Disclaimer

- **This slide deck was authored by:**
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- **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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Outline

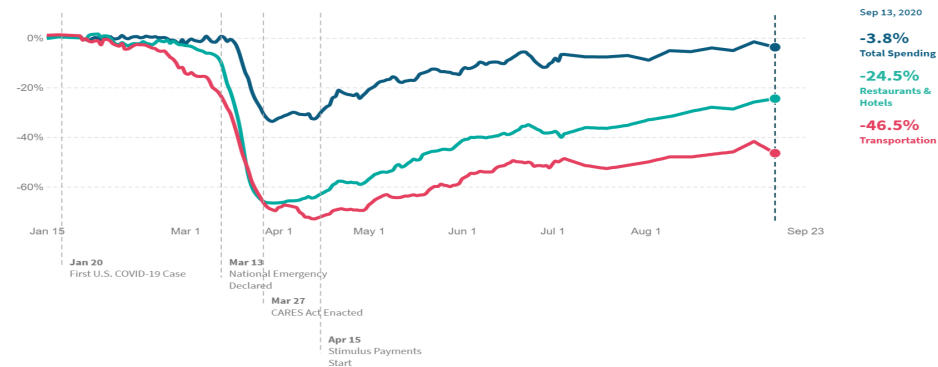
- Where is the Economy today?
- What have been the effects of policy?
- What are the risks to a rapid recovery?

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Spending Collapsed in March

Percent Change in All Consumer Spending*

In the United States, as of September 13, 2020, total spending by all consumers decreased by 3.8% compared to January 2020.



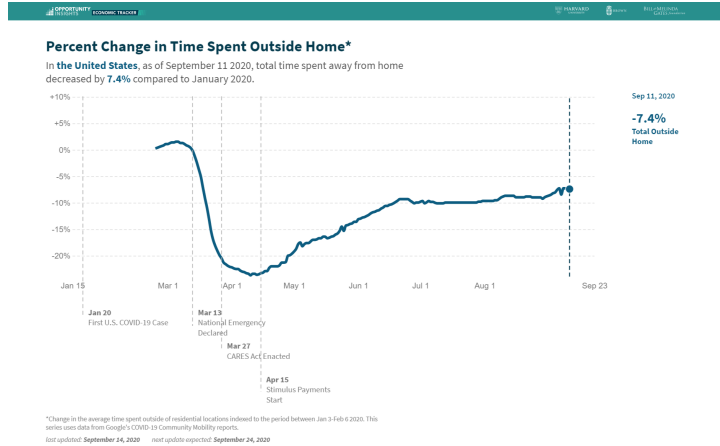
*Change in average consumer credit and debit card spending, indexed to January 4-31, 2020 and seasonally adjusted. This series reflects daily data through July 5th, 2020 and weekly data after July 5th, 2020. This series is based on data from Affinity Solutions.

last updated: September 22, 2020 next update expected: September 29, 2020

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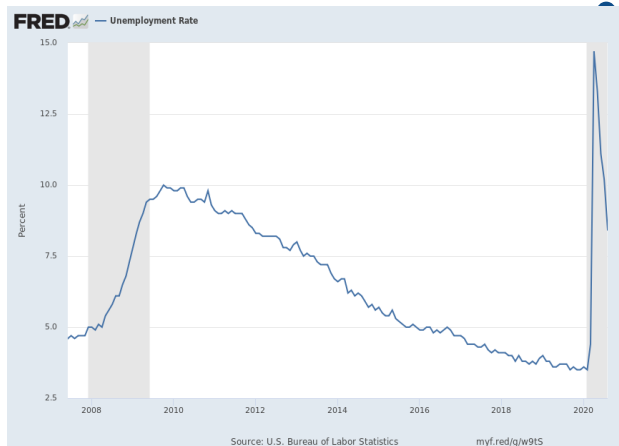
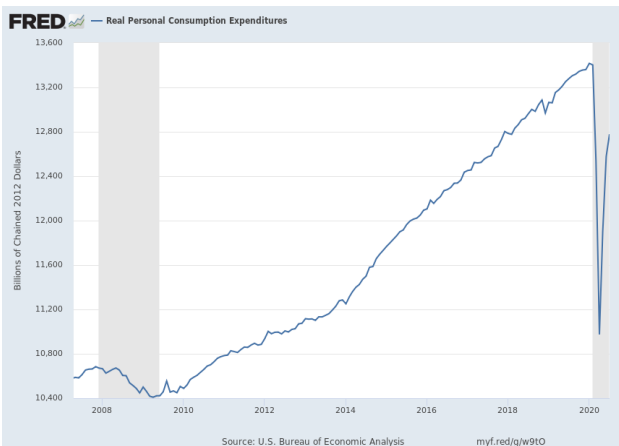
Why Did Spending Collapse?

At least initially, the spending collapse was due to public health restrictions and nervous households. Over time, loss of income also plays a role



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Where are we?



As of August: Sure Looks "V" shaped to me!

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More Good News (Sort of)

- There were no **short-run** macro problems at the start of the crisis
- The only obstacle to a quick recovery is damage that is being done while the pandemic continues
- Possible damage: economic disruptions due to prolonged job losses and business failures

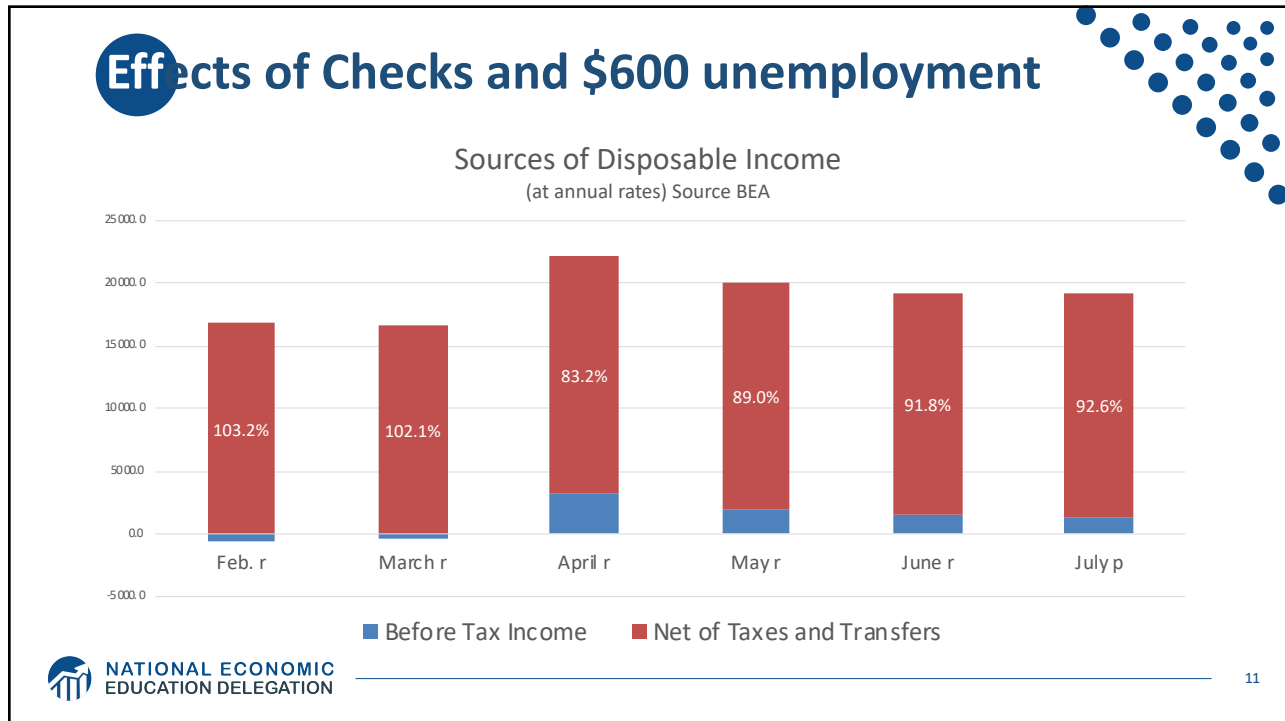
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What Have Been Policy Effects

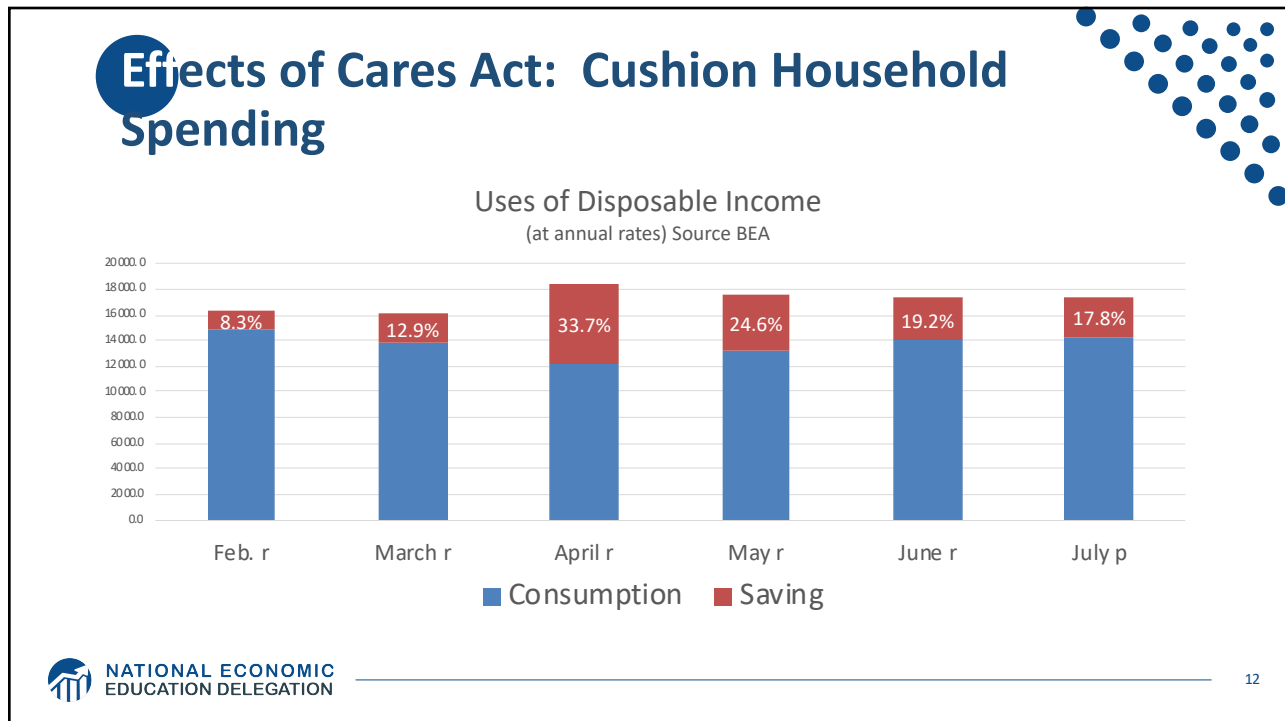
- Monetary Policy acted quickly and effectively to prevent a financial market meltdown and keep credit flowing. But the Fed lends and does not spend.
- Fiscal policy acted quickly, but inevitably made some mistakes.
 - Stimulus Checks, A (\$268b)
 - Expanded Unemployment, B- (\$268b)
 - Paycheck Protection Program, C (\$525b)

Big Caveat: Much of the Fiscal Stimulus ended in July

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Rebound in Consumption Faster than Expected

- As Consumption goes so goes the economy (C is 2/3 of GDP), Growth Rates:
- GDP: 2019Q4, **2.4%**; 2020Q1, **-5.1%**; 2020Q2, **-31.7%**; 2020Q3, **?**
- CON: 2019Q4, **1.6%**; 2020Q1, **-6.9%**; 2020Q2, **-34.1%**; 2020Q3, **?**
- But if C stays at July level for August and September, 2020Q3, **40%**
- This is in spite of the fact that 2020Q3 would be 4 % lower than it was in 2019Q4

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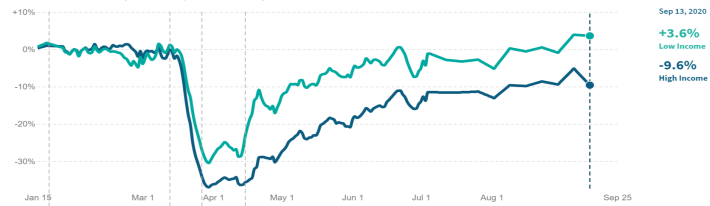
Yes but was it the Checks and \$600?

The Treasure Trove of “Real Time Data”

Low Income Households Spending is Income Constrained

Percent Change in All Consumer Spending*

In the United States, as of September 13 2020, total spending by high-income consumers decreased by 9.6% compared to January 2020.



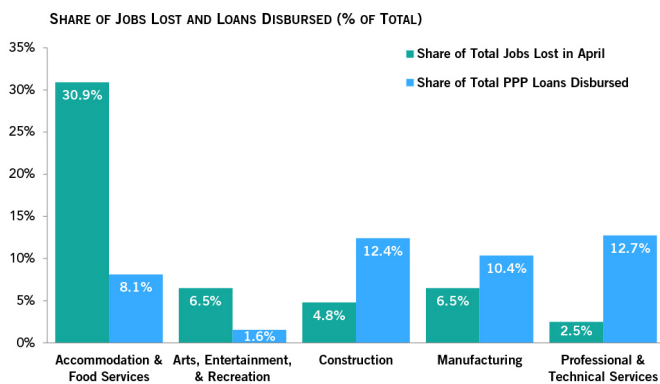
*Change in average consumer credit and debit card spending, indexed to January 6-31, 2020 and seasonally adjusted. This series reflects daily data through July 25, 2020 and weekly data after July 25, 2020. This series is based on data from Affinity Solutions.
last updated: September 22, 2020 next update expected: September 28, 2020

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PPP Loans Didn't Go to the Right Firms



The distribution of PPP loans has not matched levels of unemployment



SOURCES: U.S. Small Business Services Administration, Paycheck Protection Program (PPP) Report, Approvals through 07/24/20, July 2020; and S&P Global Ratings, Economic Research: The Paycheck Protection Program Impact on Jobs: (More) Help Wanted, May 2020.
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In addition, first round loans went disproportionately to predominantly white Congressional Districts
Bloomberg, 7/30

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Is it a V or a K shaped recovery?

1. Aggregate Data look good because of the Cares Act (at least until the end of August)
2. But, it doesn't look good everywhere.
 1. Small firms.
 2. Restaurants and entertainment
 3. Low Income workers



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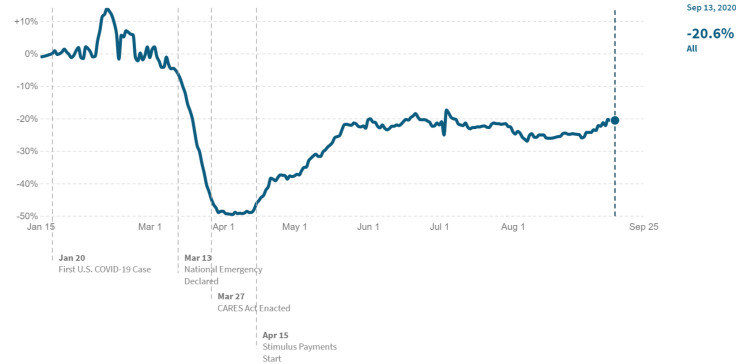
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Small Firms (over 40% of all jobs)

Percent Change in Small Business Revenue*

In the United States, as of September 13 2020, total small business revenue decreased by 20.6% compared to January 2020.



*Change in net business revenue for small businesses, indexed to January 4-31, 2020 and seasonally adjusted. This series is based on data from Womply.

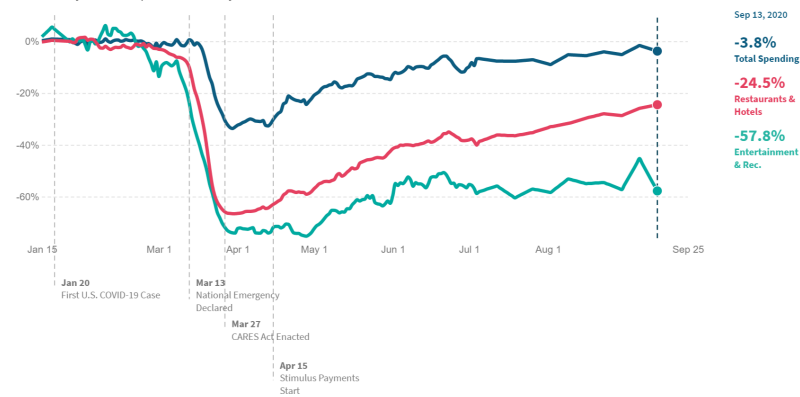
last updated: September 21, 2020 next update expected: September 25, 2020



Hard Hit Sectors

Percent Change in All Consumer Spending*

In the United States, as of September 13 2020, total spending by all consumers decreased by 3.8% compared to January 2020.



*Change in average consumer credit and debit card spending, indexed to January 4-31, 2020 and seasonally adjusted. This series reflects daily data through July 9th, 2020 and weekly data after July 9th, 2020. This series is based on data from Affinity Solutions.

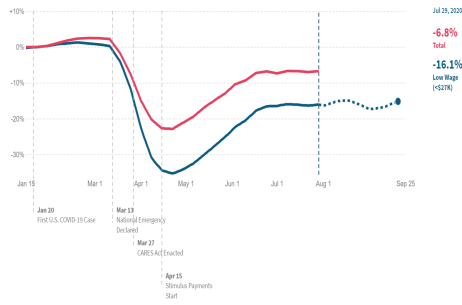
last updated: September 22, 2020 next update expected: September 29, 2020



How Did This Happen; Can it Continue?

Percent Change in Employment*

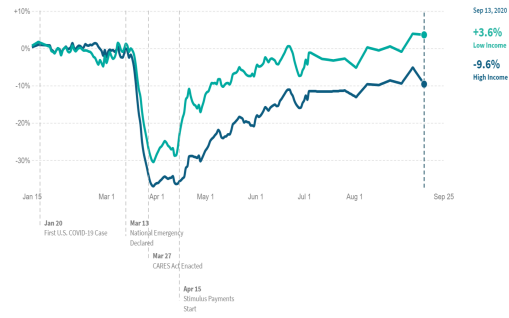
In the United States, as of July 29 2020, employment rates among workers in the bottom wage quartile decreased by **16.1%** compared to January 2020 (not seasonally adjusted).



*Change in employment rates not seasonally adjusted, indexed to January 4, 2020. This series is based on payroll data from the Bureau of Economic Analysis and data on employment and earnings from Census and BLS. For more information, see the methodology section of the report. The dotted line in the low wage series is a projection of employment rates based on BLS data. last updated: September 22, 2020 next update expected: October 02, 2020

Percent Change in All Consumer Spending*

In the United States, as of September 13 2020, total spending by high-income consumers decreased by **9.6%** compared to January 2020.



*Change in average consumer credit and debit card spending, indexed to January 4, 2020 and seasonally adjusted. This series reflects data up through July 19, 2020 and weekly data after July 19, 2020. This series is based on data from Affinity Solutions. last updated: September 22, 2020 next update expected: September 26, 2020

Another Round of Fiscal Stimulus Needed

1. General Agreement on PPP and some form of expanded unemployment.
2. The biggest stumbling block is general aid to State and Local Governments

4. State and Local Budgets

FIGURE 1

COVID-19 State Budget Shortfalls Could Be Largest on Record

Total state budget shortfall in each fiscal year, in billions of 2020 dollars

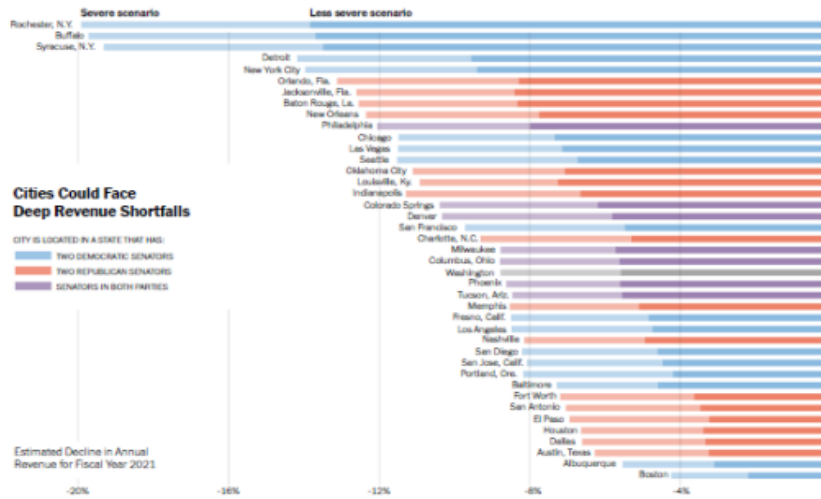


* Estimated based on CBPP calculations
Source: Pre 2014: CBPP survey; 2020 and following: CBPP calculations

CENTER ON BUDGET AND POLICY PRIORITIES | CBPP.ORG

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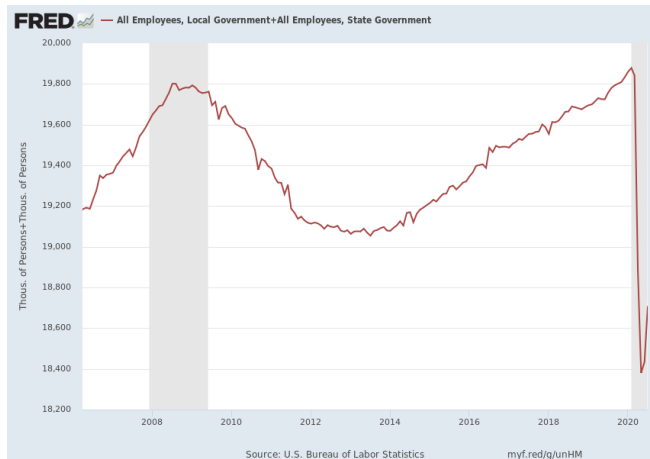
Projected Municipal Revenue Shortfalls



Note: Each city is a Fiscally Standardized City, covering municipal budgets but also revenues to other government entities providing city services like school or sewer districts. Source: Estimates from The Fiscal Effects of The Covid-19 Pandemic on Cities: An Initial Assessment, National Tax Journal by Howard Chernick, David Copeland and Andrew Reschovsky

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State and Local Employment



Between March and July net loss of 1.1m jobs.

Prospects if there is no general federal aid this year?

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Tracking the Recovery

- **Major Economic releases between now and November 3 (all at 8:30 AM)**
 - Weekly, Unemployment Insurance Weekly Claims, Thursdays (DOL)
 - Monthly,
 - o Personal Income and Outlays for August, Thursday, 10/1 (BEA)
 - o The Employment Situation for September, Friday, 10/2 (BLS)
 - o First Estimate of GDP for 2020, third quarter, 10/29 (BEA)
 - o Personal Income and Outlays for September, Thursday, 10/30 (BEA)
- **Real Time Data: Track the Recovery: <https://tracktherecovery.org/>**

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Thank you!

Any Questions?

www.NEEDelegation.org

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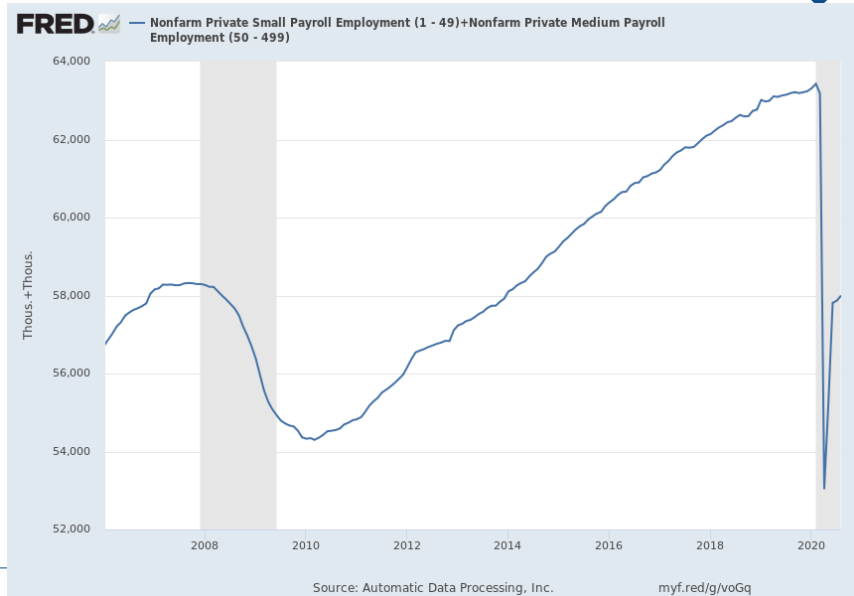
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Employment at Small Firms (40% of total jobs)

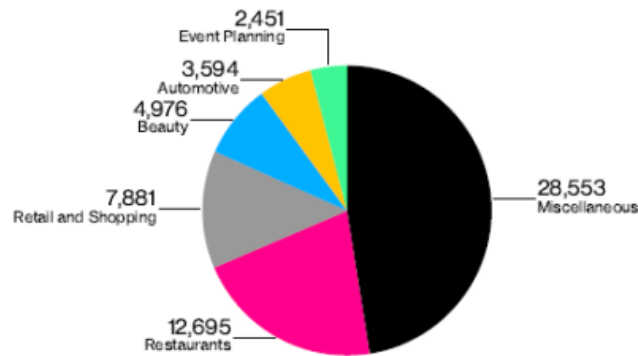
Between February and July, net loss of 5.4m



Yelp's Breakdown of Permanent Closures

Business Busts
Restaurant industry leads with most local business closures

Failures particularly hard among Black owned firms. 19% closed; 4 times the rate of white owned firms. *Bloomberg, 8/18*



Yelp Inc.
Data from March 1 to July 25

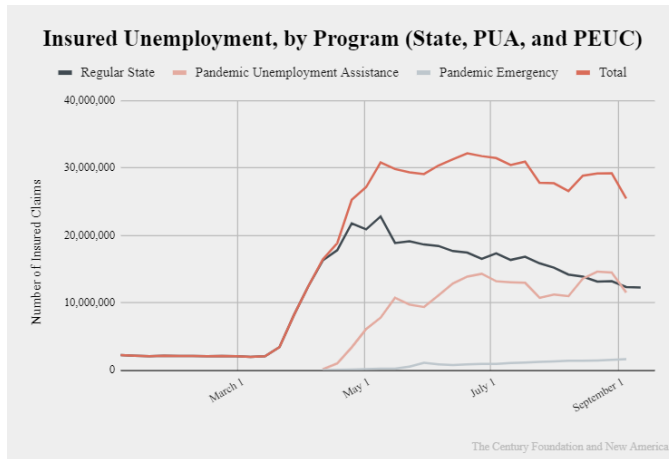
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3. Business Failures

- **Large Firms (e.g. Brooks Bro. Cirque de Soleil, Hertz, Lord & Taylor): Ch11 (restructuring) filings are up by 30% through July.**
- **Small firms (30 million, 47% of all jobs)**
 - Bankruptcy Numbers Can Be Misleading: Just close the door and turn off the lights.
 - Real Data to the rescue!

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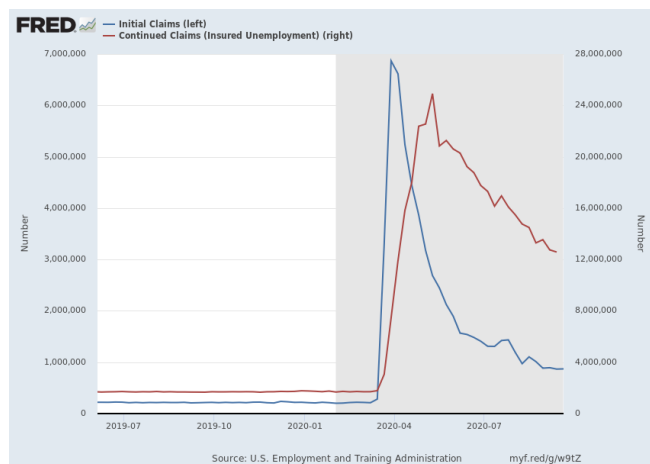
How many People are Collecting UI?



CA: 9/5 8/29
 Reg. State 2,724k 2,926k
 PUA: 3,375k 6,388k

California is a big state?

But the adult population is under 30 million!

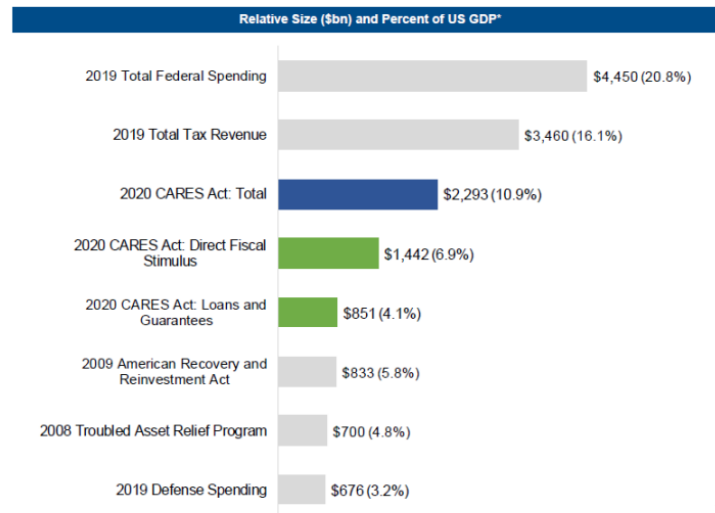


Highly Uncertain

Forecasts for Real GDP Growth in 2020Q3			
Forecast Date	Top Quartile	Bottom Quartile	Difference
2/2020	2.35	1.69	0.66
5/2020	20.31	0.98	19.33
8/2020	21.83	15.53	6.30

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Putting Cares Spending in Perspective



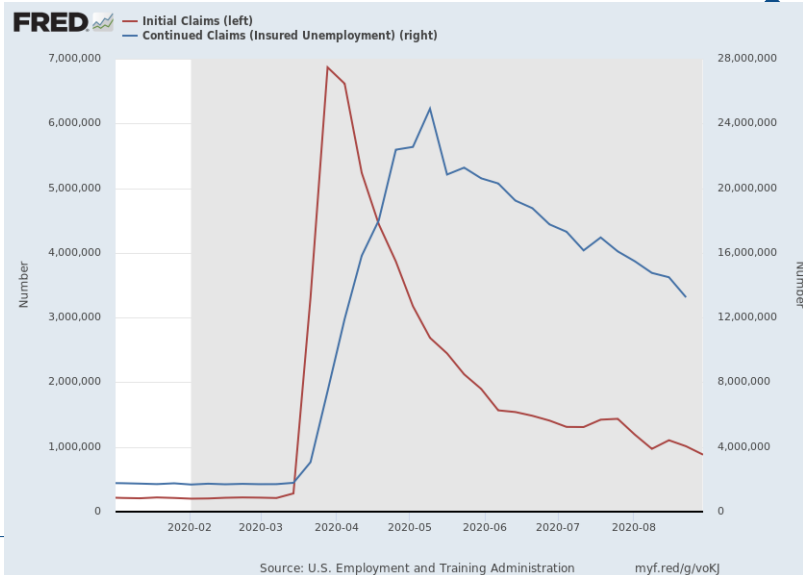
Source Goldman Sachs

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Unemployment Claims (weekly)

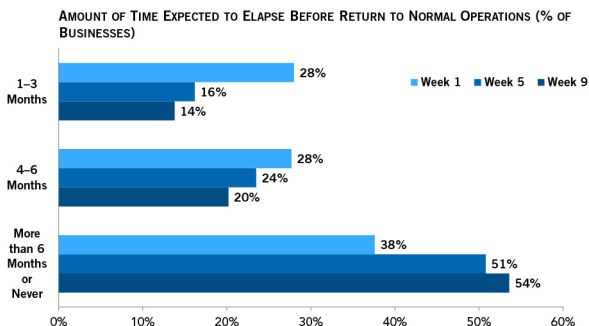
Yikes!
 Since March 21st 57 million people filed for unemployment

At its peak, 25 million, or an “insured unemployment” rate of 17.1%



Pessimism is Growing at Small Firms

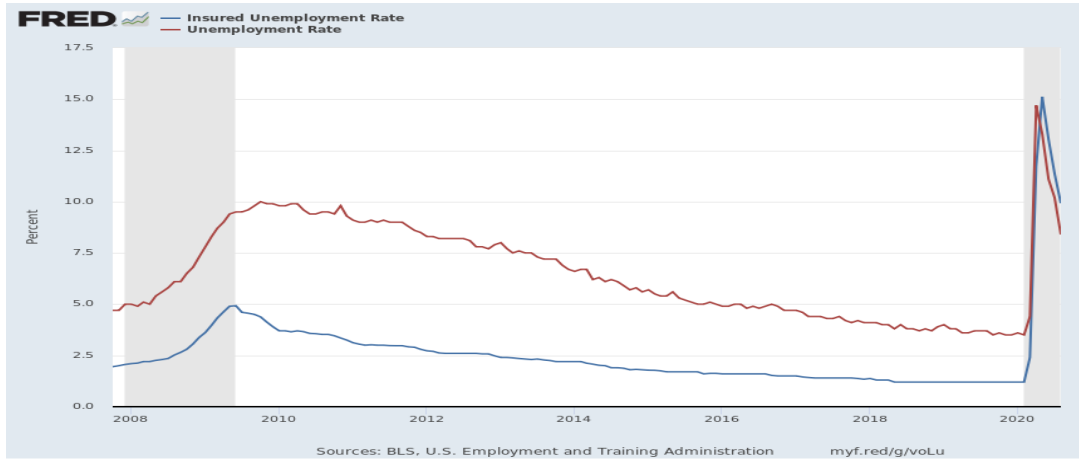
PETER G. PETERSON FOUNDATION Small business owners are increasingly pessimistic in their outlook



SOURCE: U.S. Census Bureau, Small Business Pulse Survey, June 2020.
 NOTES: Data for Week 1 was collected April 26–May 2, Week 5 was collected May 24–May 30, and Week 9 was collected June 21–June 27. Responses are for the question: “In your opinion, how much time do you think will pass before this business returns to its normal level of operations relative to one year ago?”
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Insured versus Headline Unemployment (Monthly)



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Job Creation: Glass Half Full or Half Empty?



Full: Between April and August over 10.5m jobs created

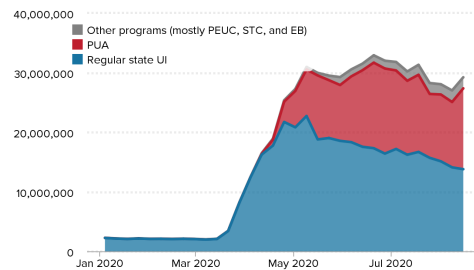
Empty: Between February and August over 11.5m jobs lost

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Wait a Minute. MSNBC said unemployment is at 30million this morning?

Continuing unemployment claims in all programs

January 4, 2020–August 15, 2020



PUA Data Issues:

Since April: 15.2m claims;
13.6m continuing on 8/15

Regular: 47m claims;
14m continuing

Notes: Data are not seasonally adjusted. Pandemic Unemployment Assistance (PUA) is the federal program for workers who are out of work because of the virus but who are not eligible for regular state unemployment insurance benefits (e.g. the self-employed). "Other programs" includes PEUC, STC, EB, and others; a full list can be found in the bottom panel of the table on page 4 at this link <https://www.dol.gov/ui/data.pdf>.

Source: U.S. Employment and Training Administration, Initial Claims (ICSA), retrieved from Department of Labor (DOL), <https://oui.doleta.gov/unemploy/docs/persons.xls> and <https://www.dol.gov/ui/data.pdf>, September 3, 2020.



Economic Policy Institute

Annual Forecasts

	Real GDP (%)		Unemployment Rate (%)	
2020	-5.6	-5.2	10.8	9.0
2021	3.1	3.2	8.1	8.0
2022	3.2	4.1	6.2	6.0
2023	2.2	2.2	5.1	5.3

N.B: Unemployment Rate in March of 2020 was 3.5 percent!



Policy Responses to Public Health-Economic Crisis

- P. Krugman, “Right now the economy is in the equivalent of a medically induced coma...” (*NYTimes*, 4/16).
- We are trying to keep the patient alive, while macroeconomic policies are aimed at limiting the damage.
- **The Fed:**
 - Lower Interest Rates
 - Keep Credit Flowing in All Sorts of Markets
 - “Backstop” financial institutions to prevent meltdown
 - But the Fed “lends and does not spend”
- **Congress: Cares Act**
 - Protect the most vulnerable households and firms
 - Stimulus Checks; Expanded Unemployment; PPP loans (grants) to small firms



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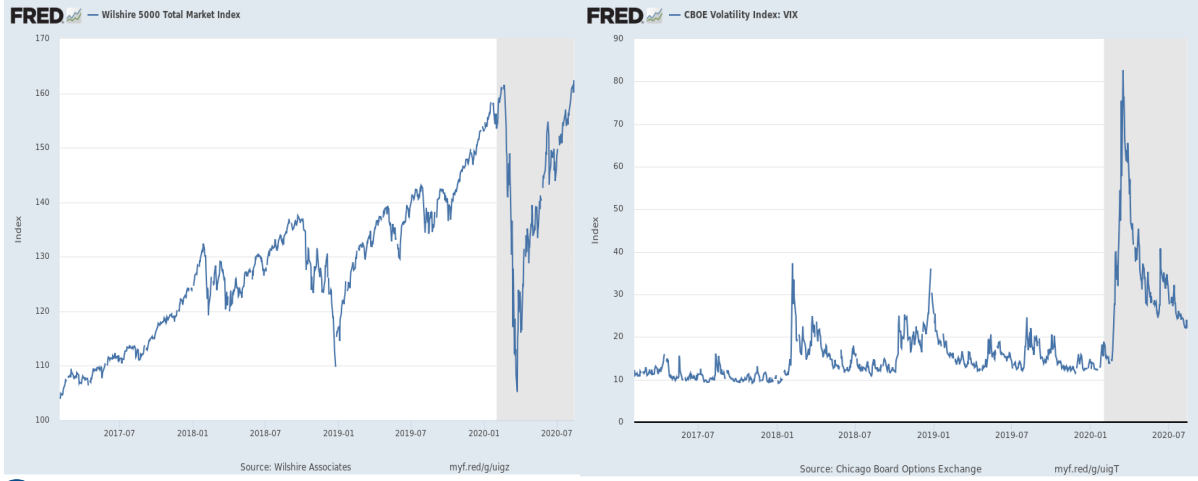
Three Measures of Unemployment?

- **None is a perfect measure:**
 - Insured Unemployment
 - Most accurate number because it is a numerical count.
 - Administrative delays in processing claims and not all unemployed are eligible to collect
 - Household Survey: 60,000 households
 - Disruptions to survey
 - Ambiguity of some of the classifications
 - Survey are done mid-month
 - Establishment Survey: 145,000 businesses about 700,000 employees
 - Response rate fluctuated recently
 - Survey done mid-month



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The Effects (most) due to the Fed

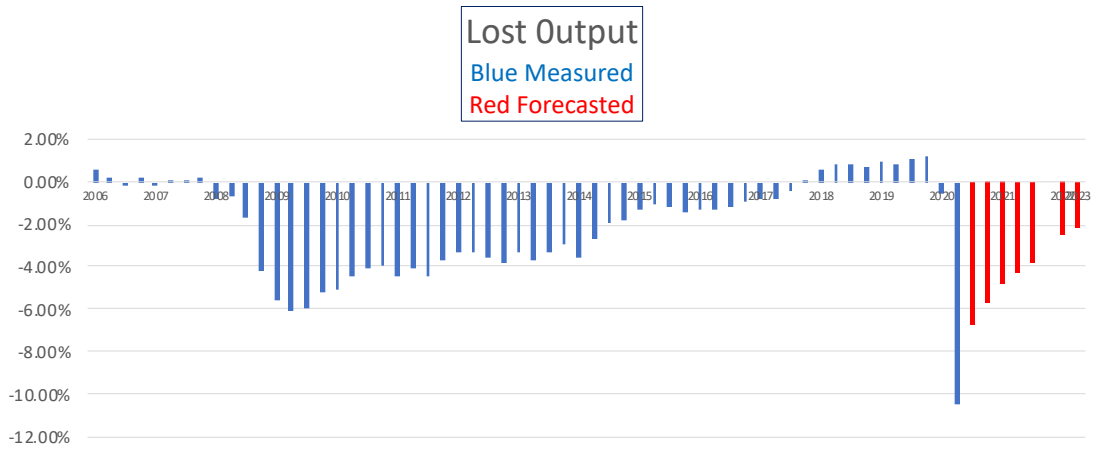


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Putting "Awful" in Perspective

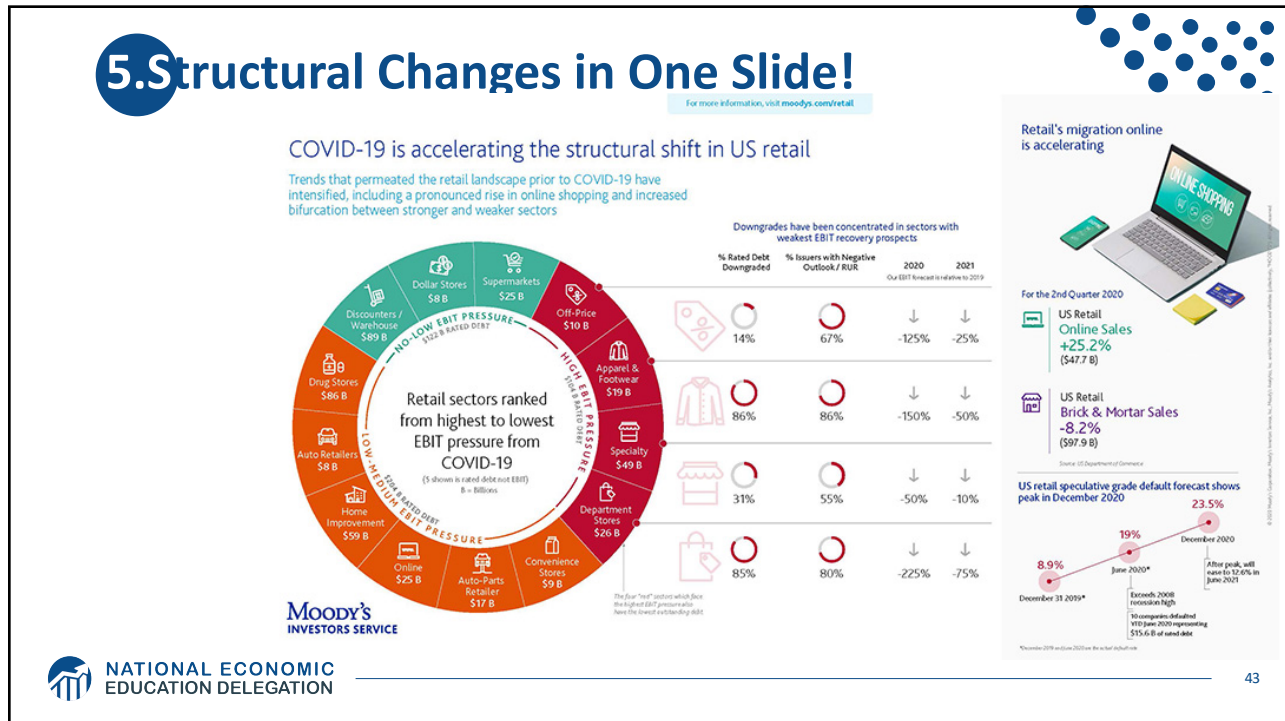


Sources: St Louis and Philadelphia Feds

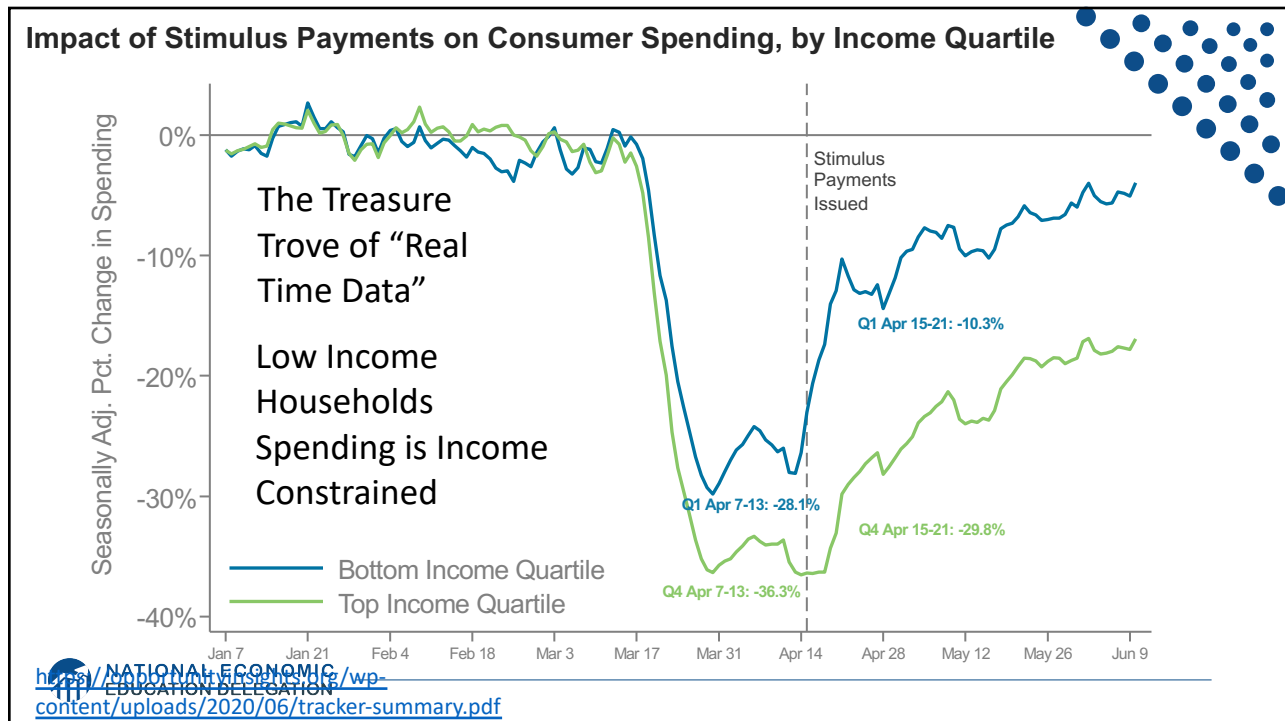
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Making Sense of Unemployment Numbers

Two Data Reports:

1. Depart of Labor *Unemployment Insurance Weekly Claims*

1. Weekly, Thursdays at 8:30
2. Initial Claims
3. Continuing Claims or Insured Unemployment

2. Bureau of Labor Statistics (BLS), *Employment Situation*

1. Monthly, First Fridays at 8:30. Surveys done midmonth
2. Household Survey: Unemployment Rate
3. Establishment Survey: New Jobs Created

For Perspective on Numbers, as of 2/2020:

Labor Force, 165m; Employed; 159m; Unemployed, 6m, or 3.5%

Total New Jobs added per month: round 225 thousand



\$600 Extra Per Week

Unemployment Insurance Benefits			
	Weekly Earnings	Regular Benefit	Expanded Benefit
Income Quartile:			
25%	\$445	\$231 (52%)	\$831 (187%)
50%	\$688	\$346 (50%)	\$946 (138%)
75%	\$1,207	\$456 (38%)	\$1,056 (88%)

How bad a “problem” was this?

Recent Yale study suggests in may not be very bad

<https://news.yale.edu/2020/07/27/yale-study-finds-expanded-jobless-benefits-did-not-reduce-employment>

Should it be corrected?

Here’s How: Expanded Benefit a % of earnings; phased out as unemployment falls.



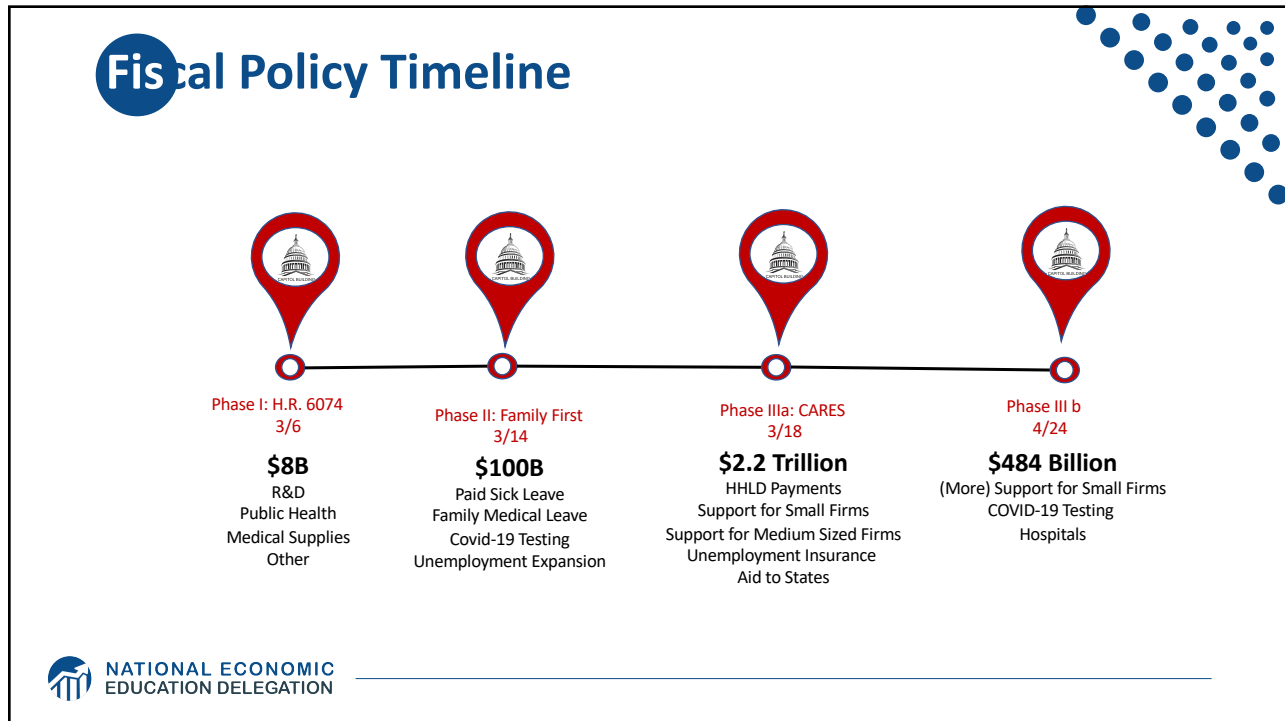
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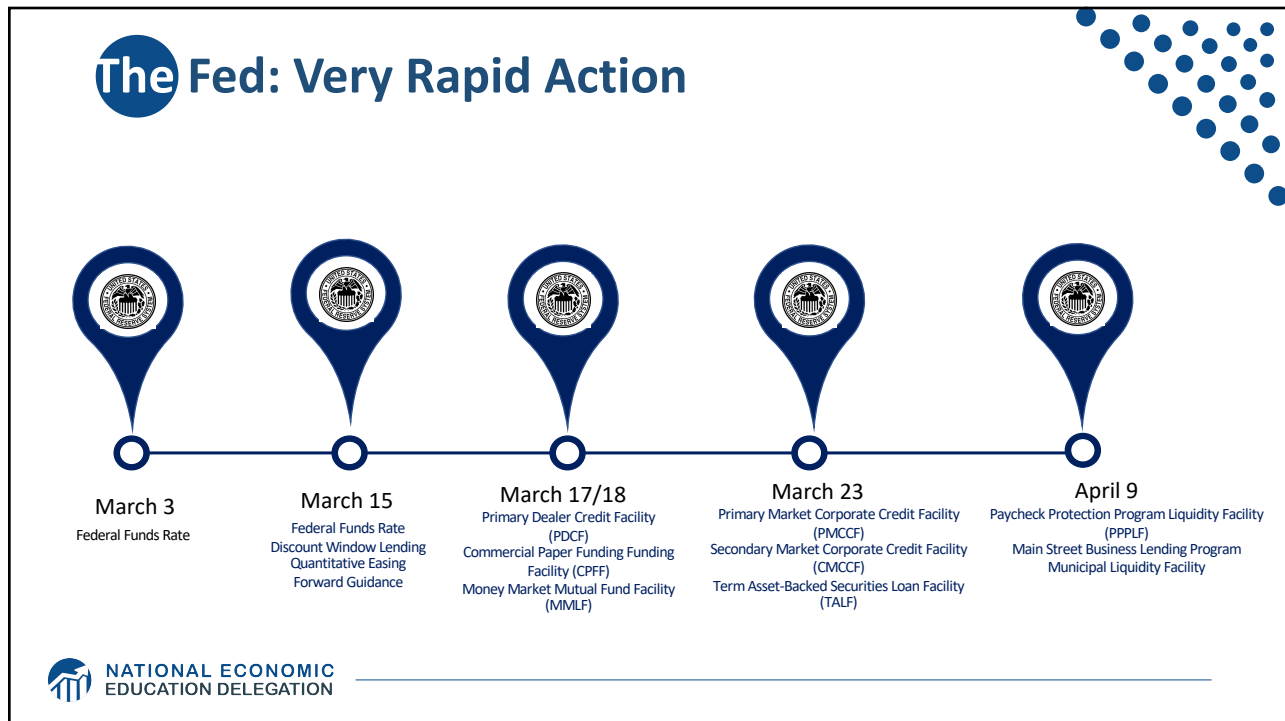
The unemployment numbers are a key statistic that economists and the press track to gauge the recovery

Controversies Over Expanded Unemployment (which ended 7/31)

- **Cares Act: Let's Get the money out the door as quickly as possible:**
 - States calculate unemployment benefit the way you normally do and then add \$600
 - For most workers in most states this ended up providing unemployment benefits in excess of wages.
 - 3 University of Chicago Economists ran the numbers:
<https://bfi.uchicago.edu/insight/blog/ui-calculator/>



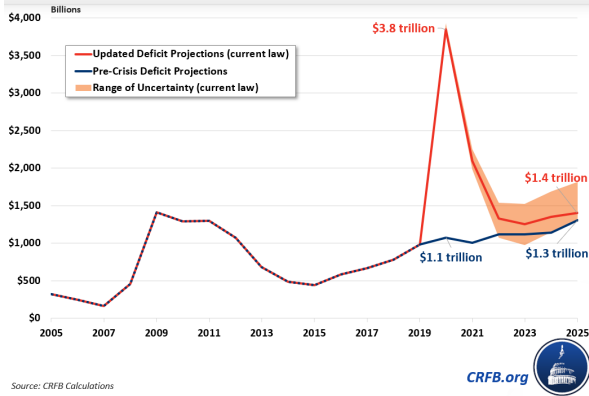
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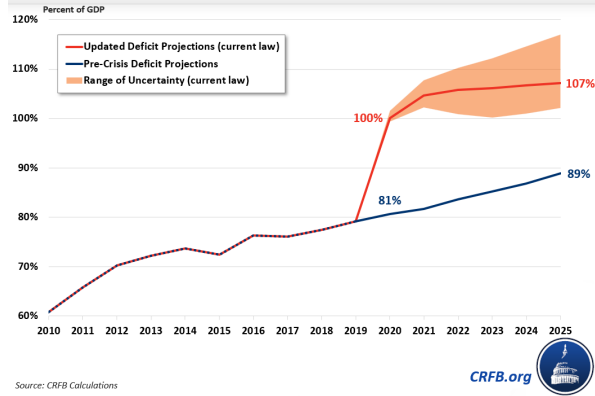
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How Do We Pay for This?

Federal Deficit Will Reach Record Levels



Debt Will Equal Size of Economy This Year



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From a Republican Deficit Hawk

- “I’m a fiscal hawk from way back, and all of my heebie-jeebies are going off when I see these numbers,” said Douglas Holtz-Eakin, a Republican who used to head the Congressional Budget Office and is president of American Action Forum. “But then I look at the scale of the problem, and I think, yeah, that’s that. Gotta do it.” *Politico*, 4/29

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