

# Understanding Coronavirus in America

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- Since 2014, longitudinal, national probability-based internet panel of currently approximately 9,000 US residents, collecting information at multiple time points each year on economic, labor, attitudinal, and health measures, etc.
- Tracking pandemic effects started March 10, 2020
  - First survey in field March 10-31
  - As of April 1, two-weekly tracking surveys

# Every day ~500 respondents answer UAS questions, 7000 over a two-week period

- The process repeats every two weeks providing continuous tracking information of how the pandemic affects households.
- Thousands of graphs updating daily show results: <https://covid19pulse.usc.edu/>
- Full wave data files released for public use every two weeks, including a harmonized longitudinal file and codebooks: <https://uasdata.usc.edu/page/Covid-19+Home>
  - Currently **six** waves of national data and **eleven** waves of LA County data available (tonight).
  - Currently about seventy-five research groups worldwide are using UAS COVID19-related data
  - We have added contextual data that can be downloaded with the longitudinal data
    - With more to come
- If funding permits, we hope to continue the tracking surveys well into 2021 or whenever the pandemic effects recede

- Symptoms, Testing, and Medical Care
- Coronavirus Knowledge and Expectations
- Protective Social and Health Behaviors
- Risk Perceptions
- Mental Health and Substance Abuse
- Discrimination and Stigma
- Economic and Food Insecurity
- Social Safety Net
- Housing and Debt
- Crime and Safety
- Labor Market Outcomes

- K-12 Education / Post-secondary Education
- Behavioral Health
  - Social media use
  - Alcohol and cannabis use
  - Chronic disease diagnoses
  - Mental health condition diagnosis
  - PTSD, OCD, eating disorders, loneliness
- Sexual and Gender Identity
- Food Security / Food purchasing behaviors
- Entrepreneurial activities and plans
- Use of cash
- Attitudes towards lifting stay at home order

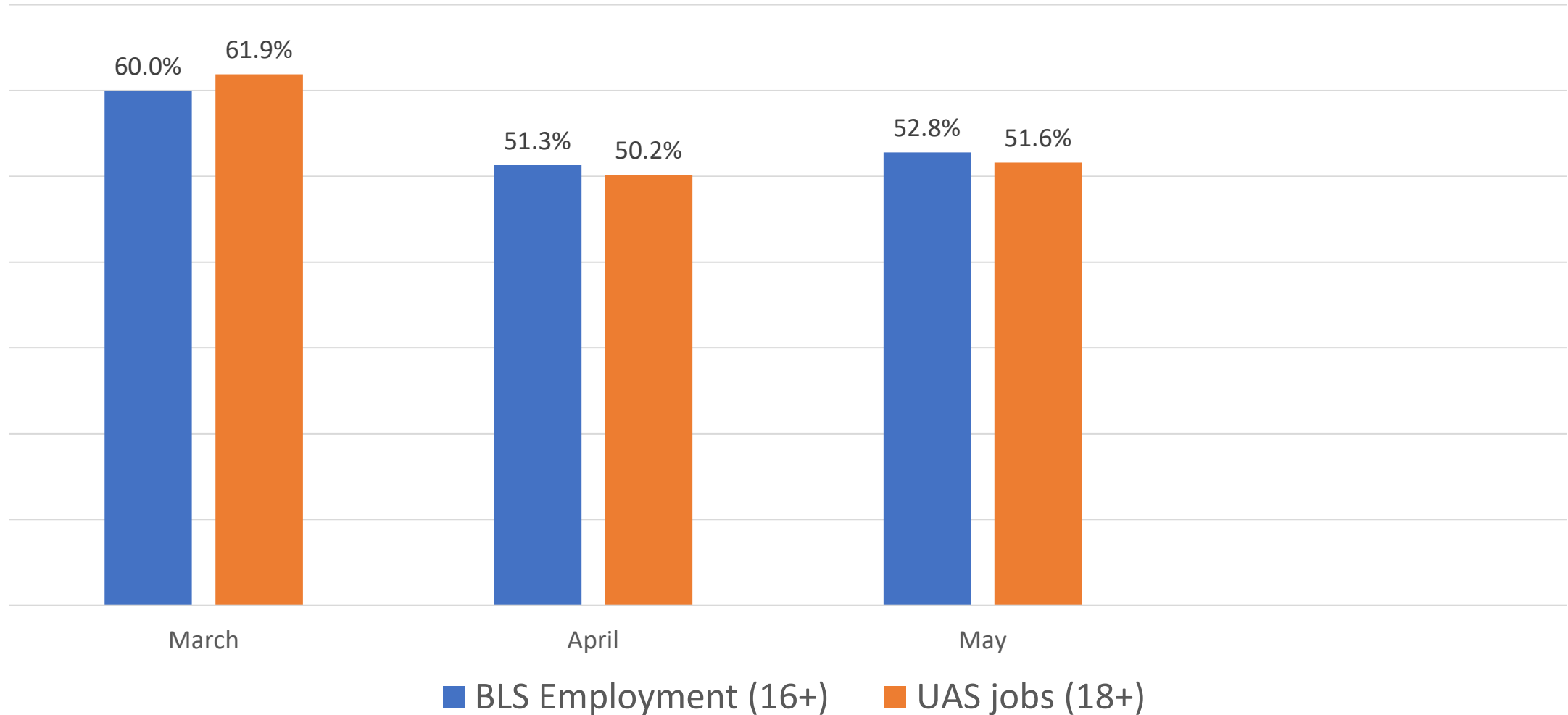
# Potential for Analysis

- UAS has thousands of background variables that can be used to inform understanding of how families experience the pandemic
- Daily tracking illuminates developments in real time
- New questions build on six years of collected data on the same households and we can add new questions quickly
- Use of contextual data allows for assessment of the effects of policy measures on behavior and outcomes

## Illustrative Findings

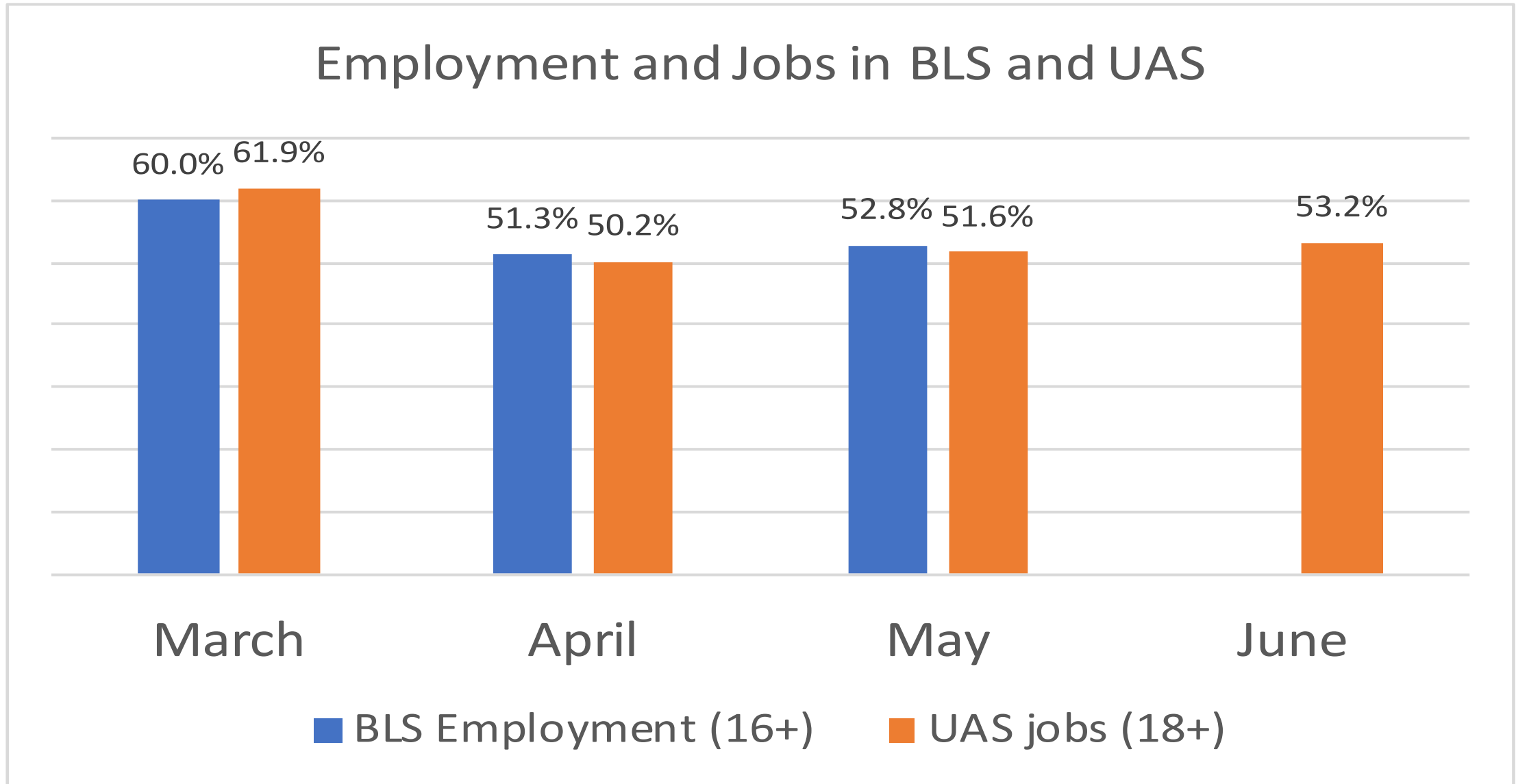
# Comparison with BLS employment numbers

Employment and Jobs in BLS and UAS

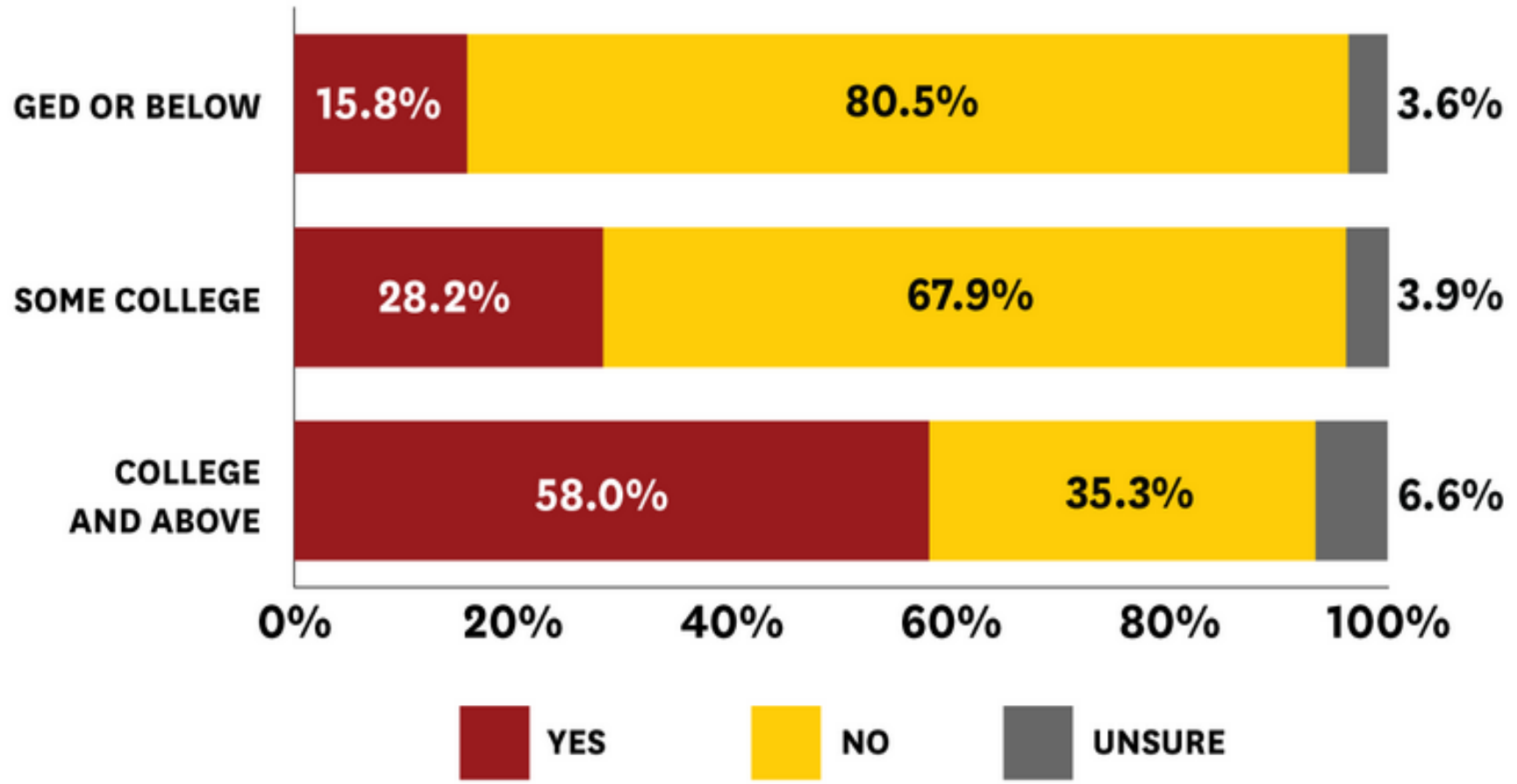




# We expect June to show further employment growth

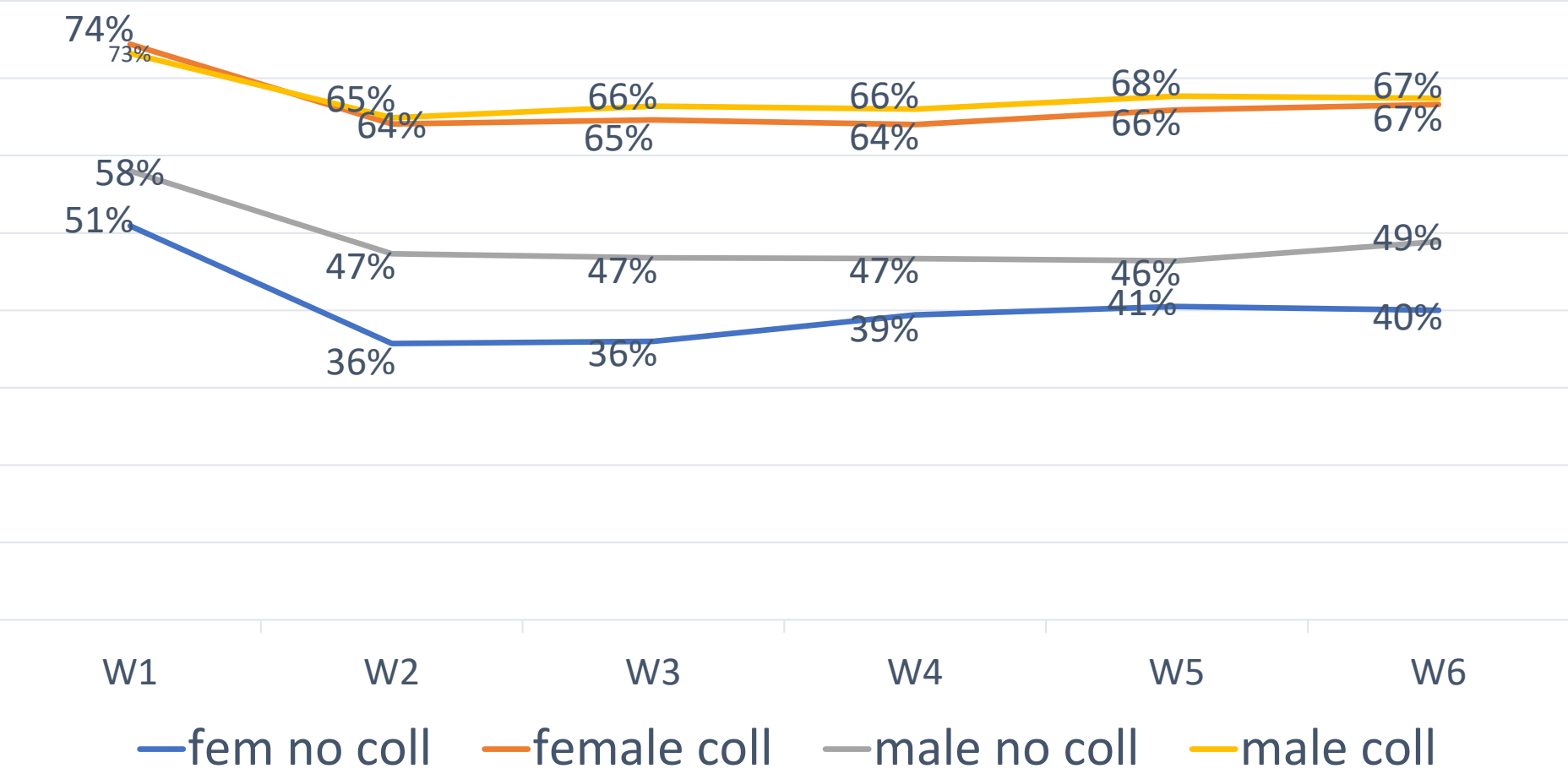


## Do You Have the Kind of Job Where Working From Home Could Be an Option, If Required?



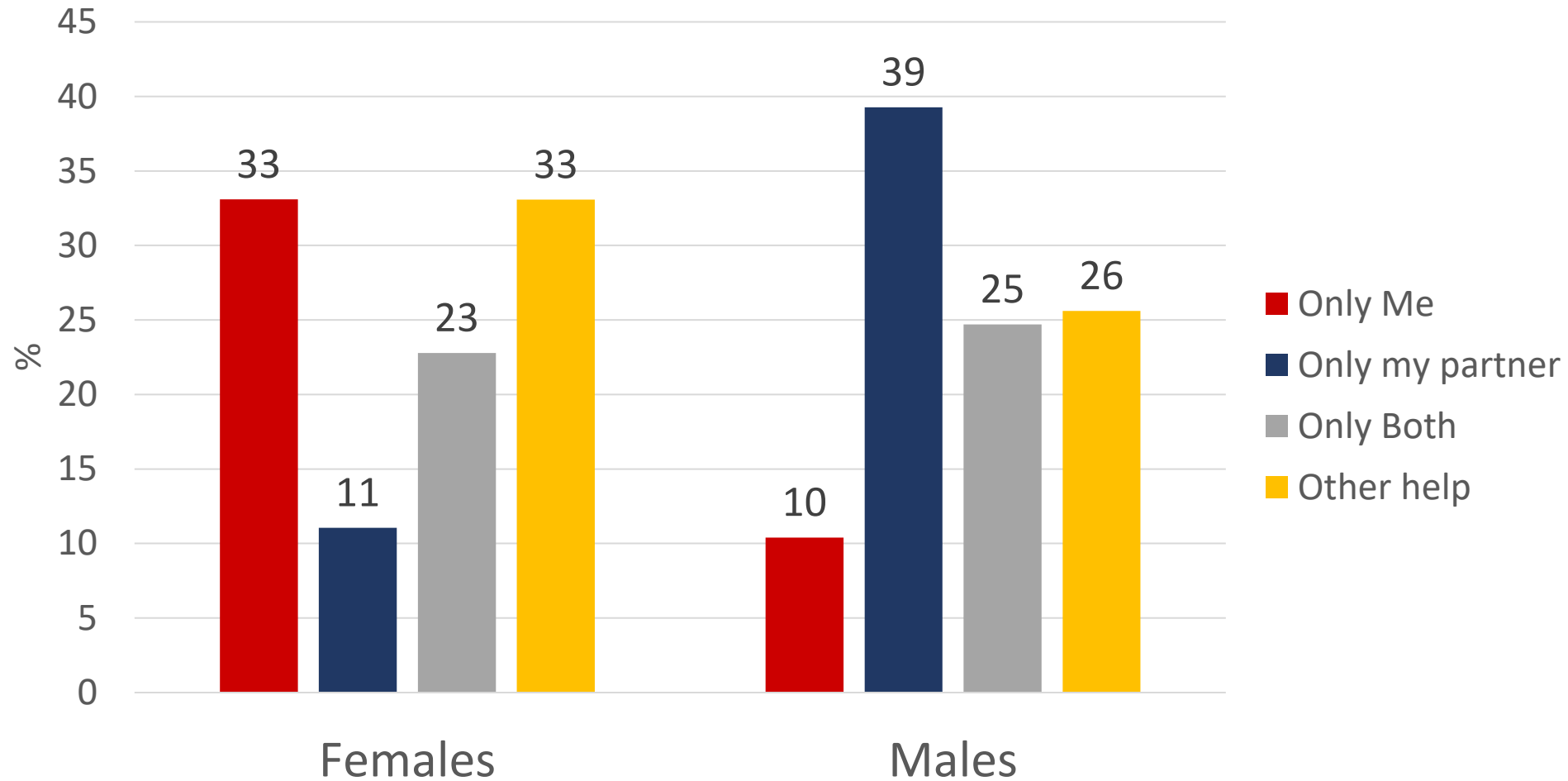
# Non-College Women Hit Hardest with Job Losses

### Percentage Employed By Gender and Educational Level



# Working Women Balancing Work and Child Wrangling

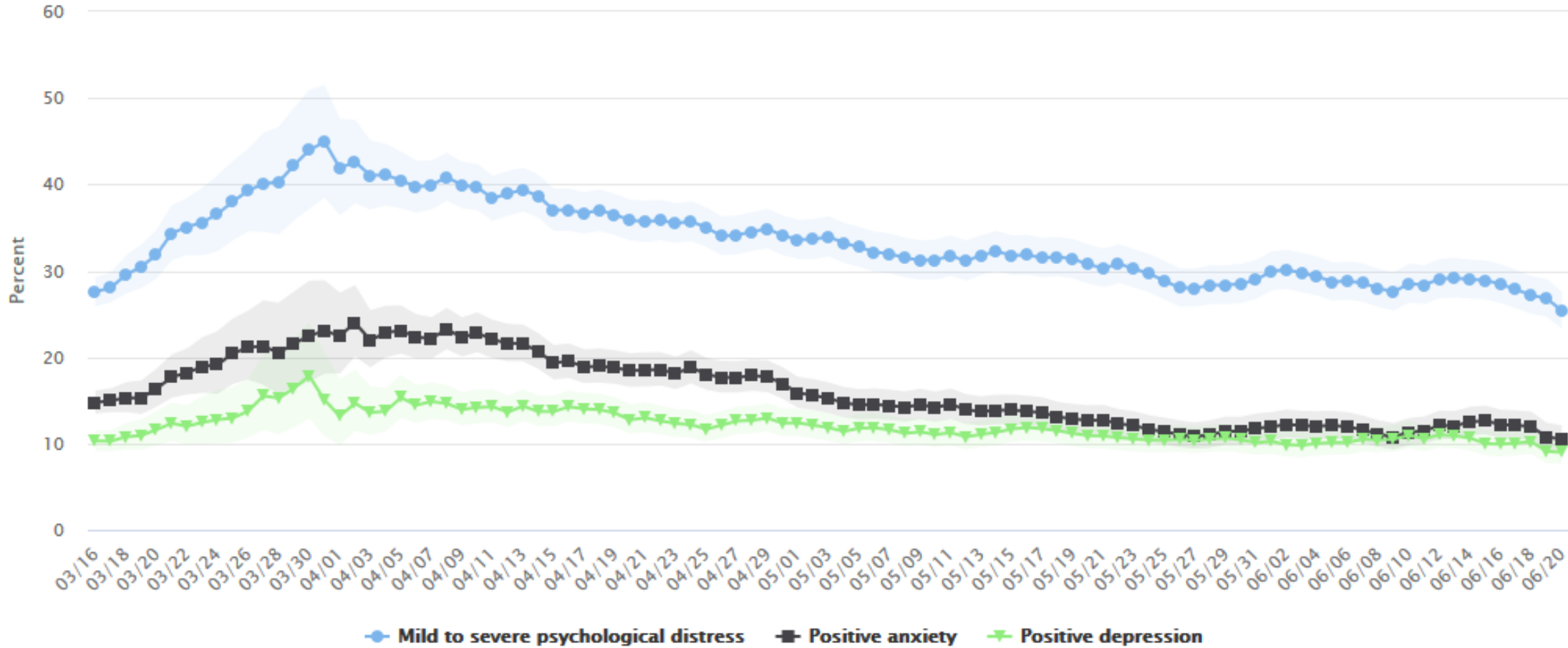
Primary Responsibility for Children When School is Closed?-  
Among those currently working-Early April 2020



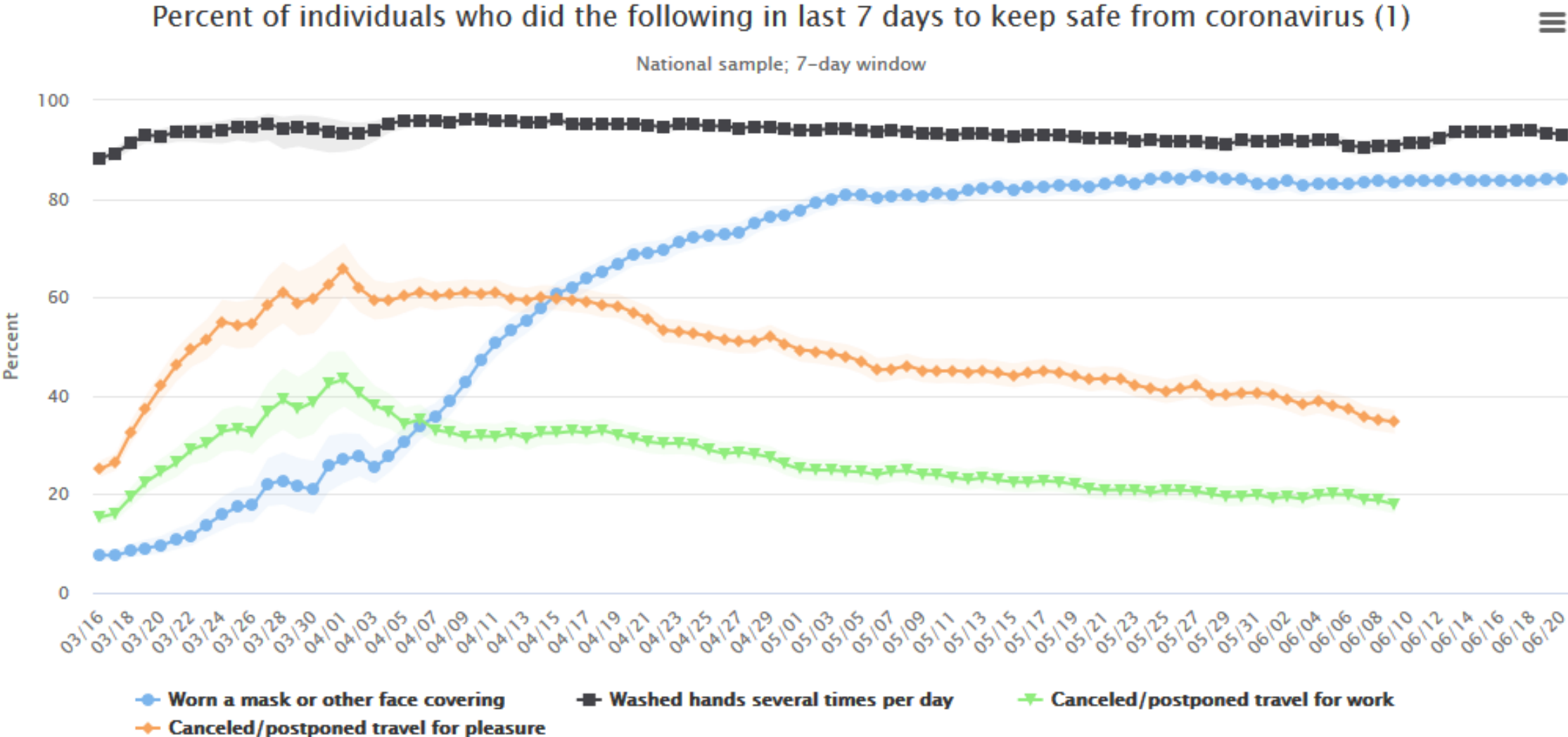
# Psychological distress peaked early April

## Depression and anxiety (PHQ-4)

National sample; 7-day window



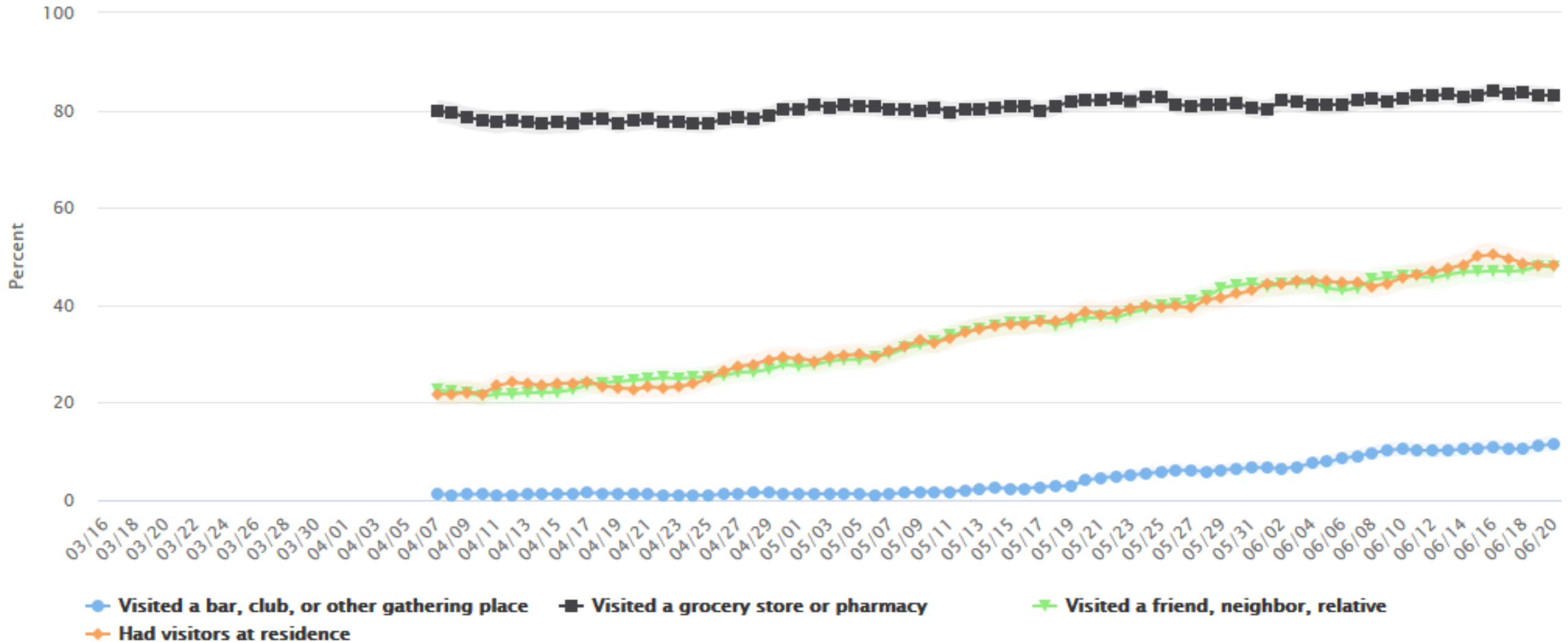
# Mask Wearing Dramatically increased in April



# Protective Behavior began to change in May and June

## Percent of individuals who did social and non-social activities in the last 7 days (1)

National sample; 7-day window



Data available at  
[UASdata.usc.edu](http://UASdata.usc.edu)