

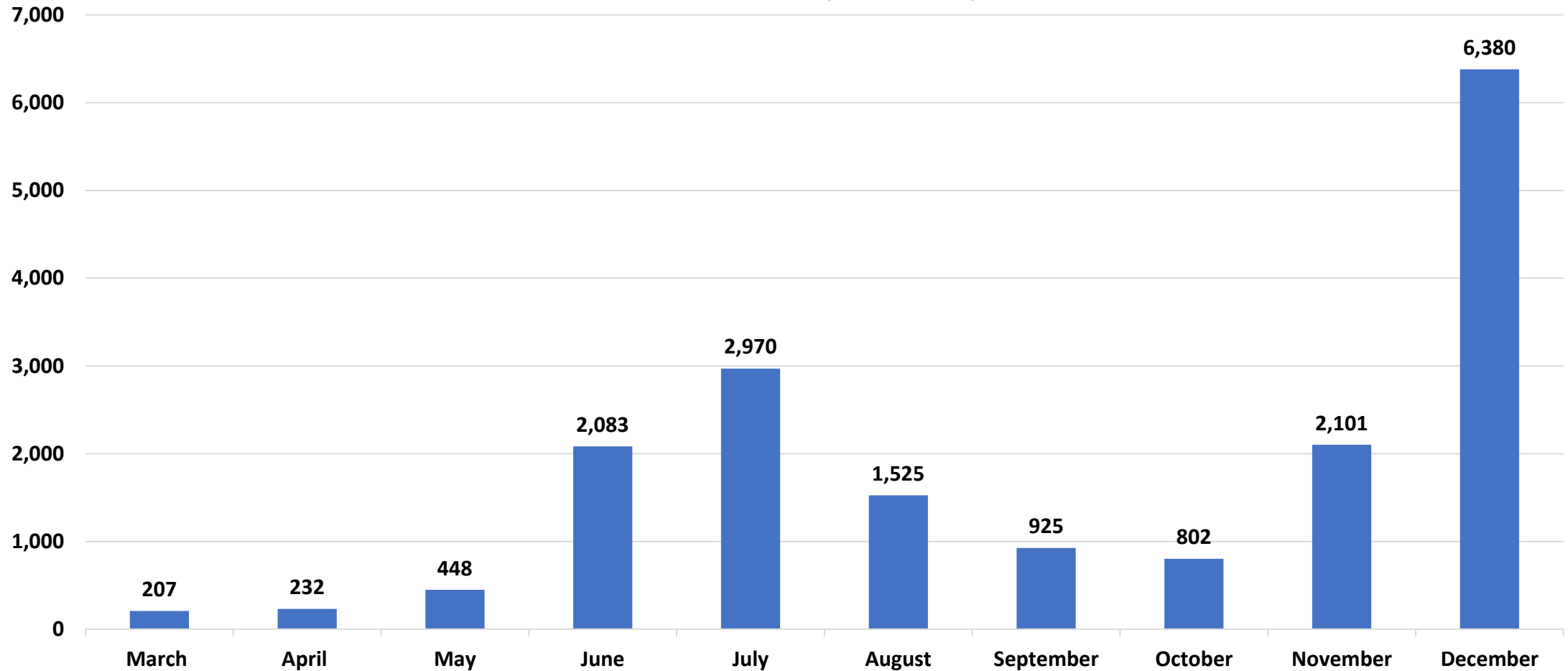


COVID-19 Quarterly Report

December 31, 2020

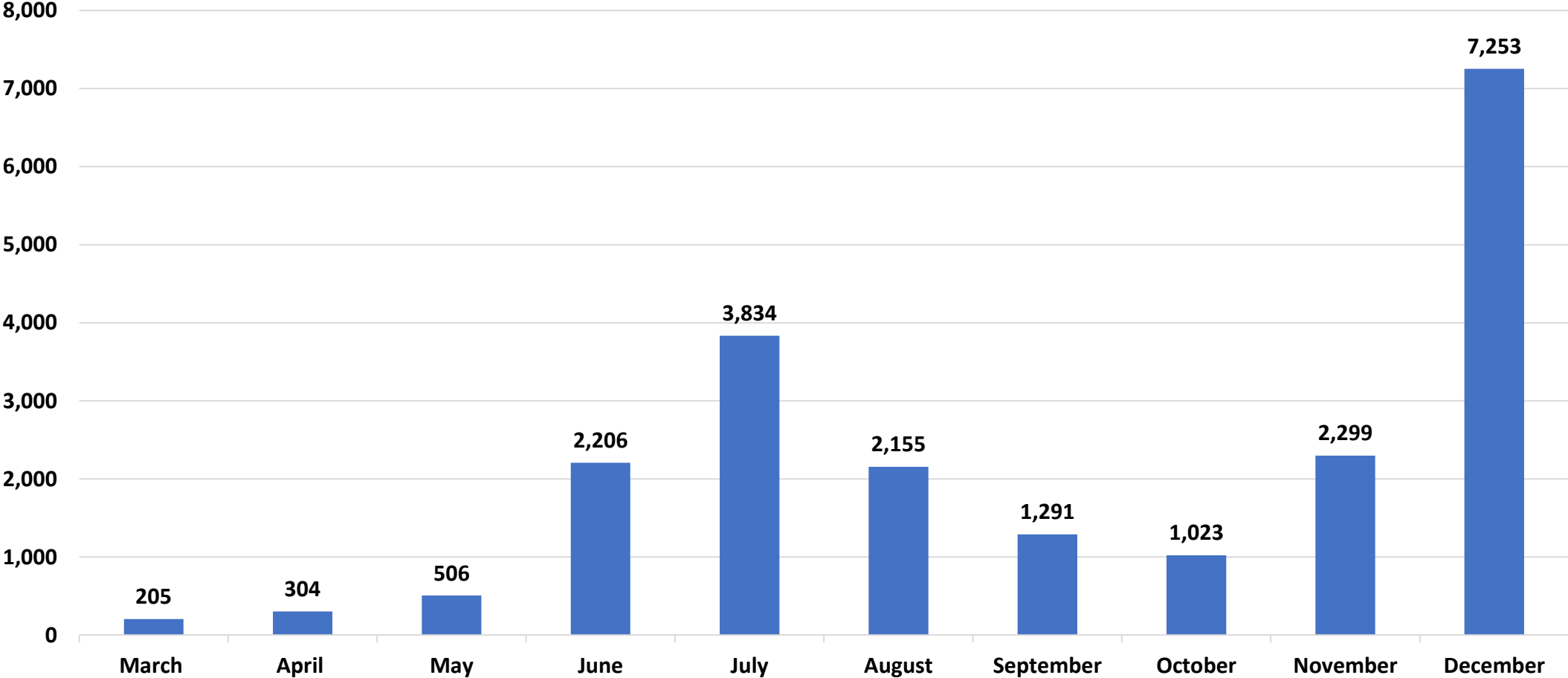
New COVID-19 Case Count by Month

Monthly Number of New COVID-19 Cases by Episode Date,
as of 12/31/20 (N=17,678)



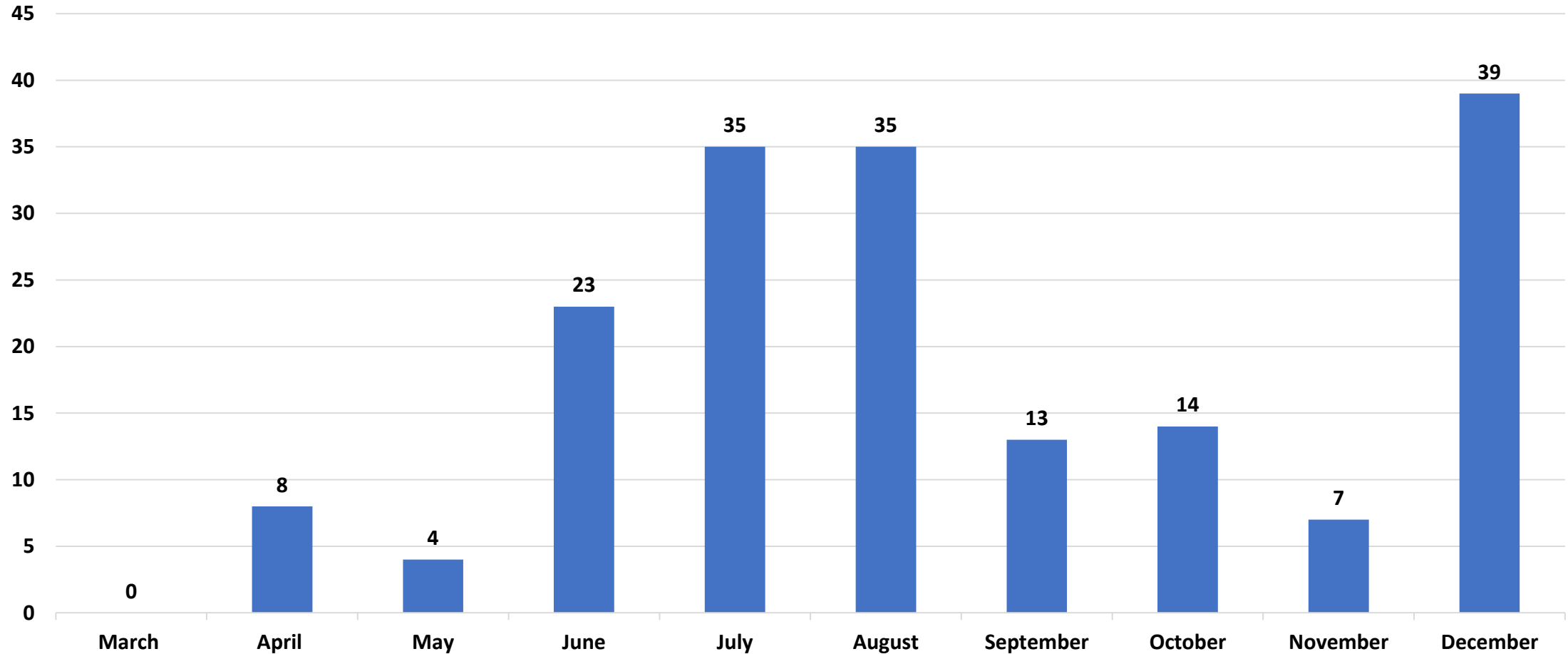
Active COVID-19 Case Count by Week

Monthly Number of Active COVID-19 Cases by Episode Date,
as of 12/31/20 (N=17,678)



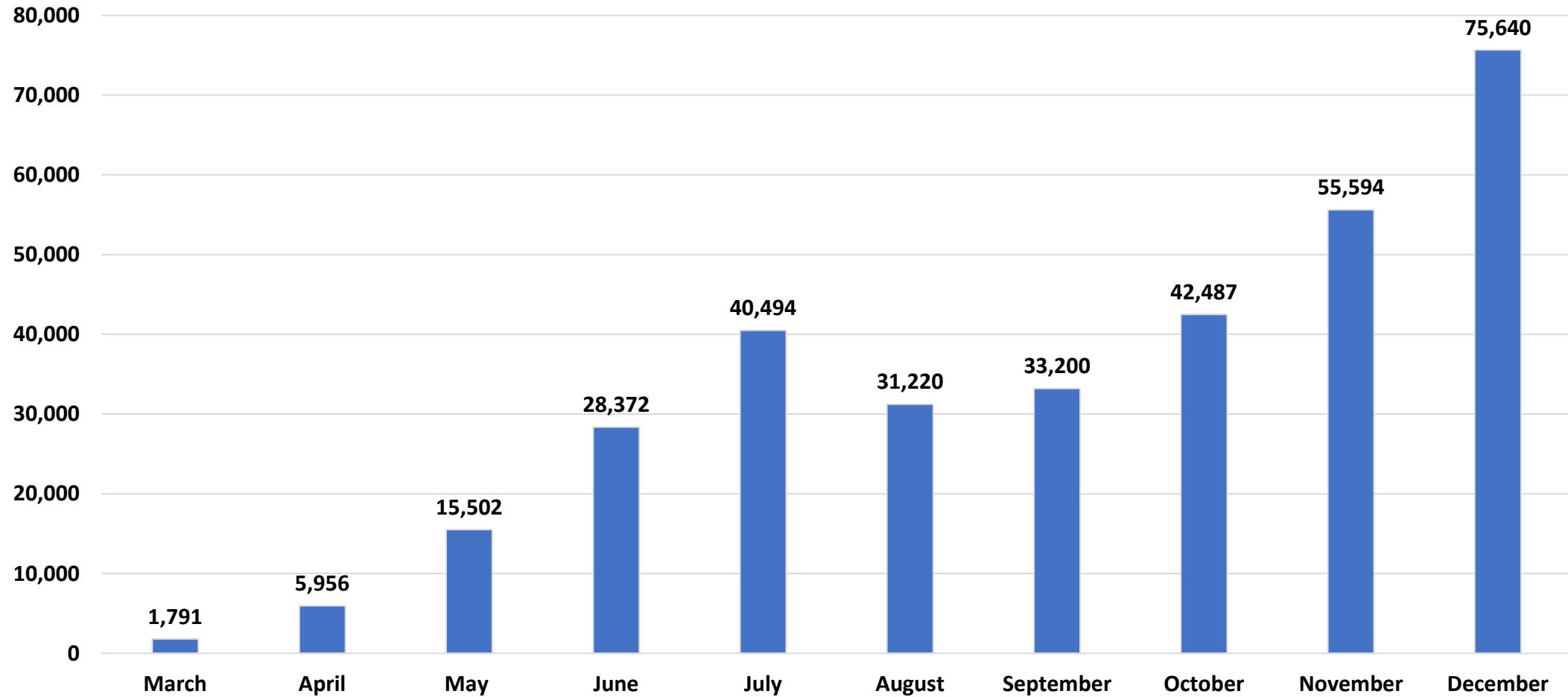
New COVID-19 Death Count by Month

Monthly Number of COVID-19 Deaths by Date of Death,
as of 12/31/20 (N=178)



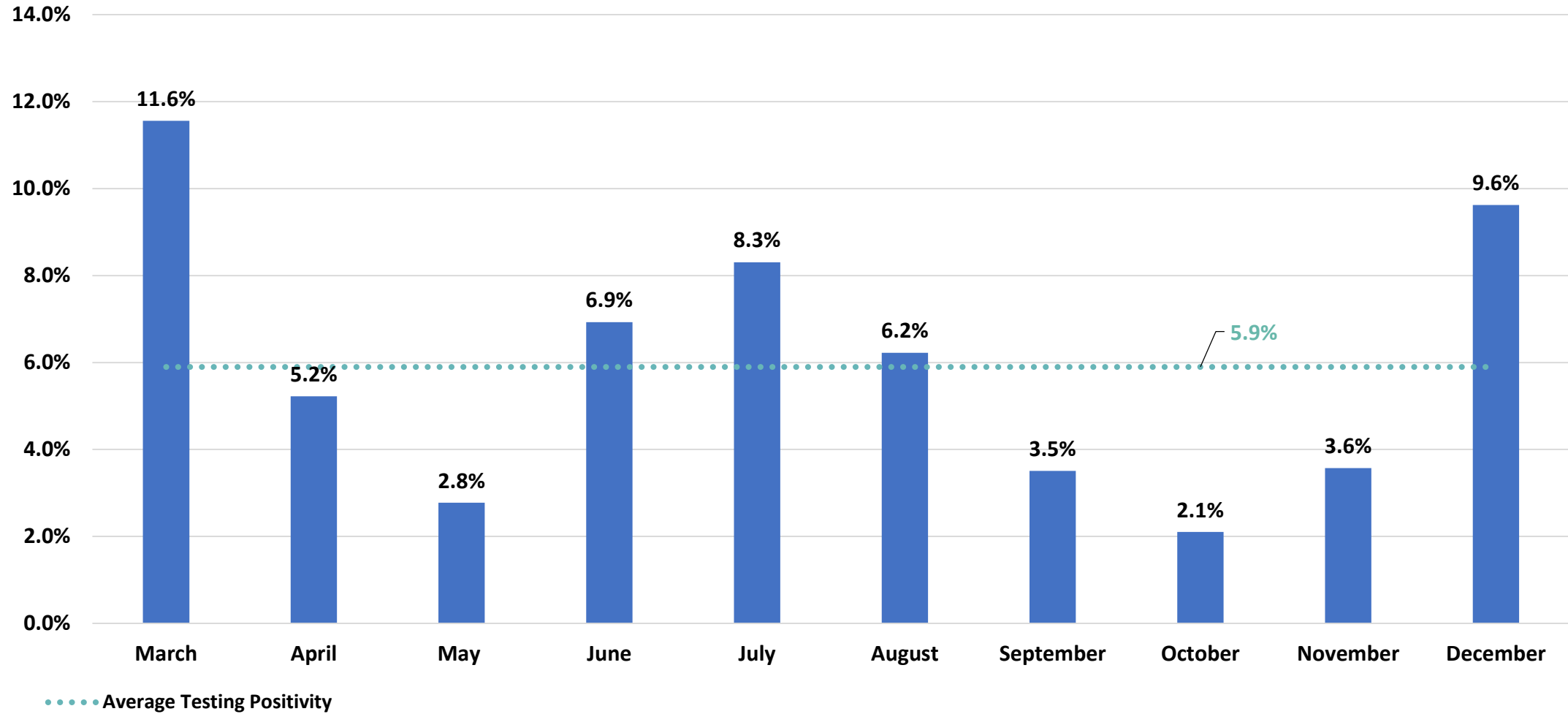
Number of SARS-CoV-2 Tests Conducted Per Month

Number of SARS-CoV-2 Tests Reported, as of 12/31/2020 (N=330,256)



Percent of SARS-CoV-2 Test Results Per Month

Percent of Positive SARS-CoV-2 Test Results, as of 12/31/2020 (N = 19,542)

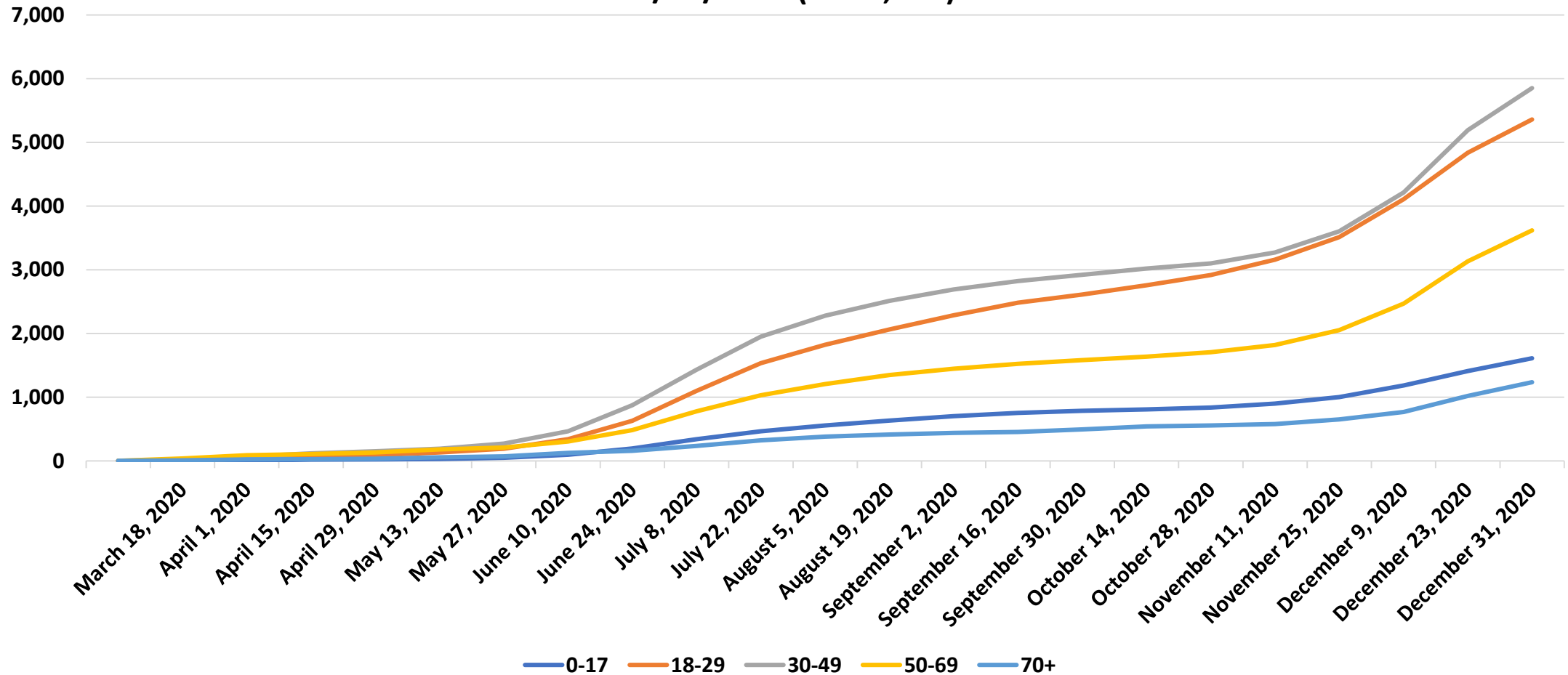


Demographics



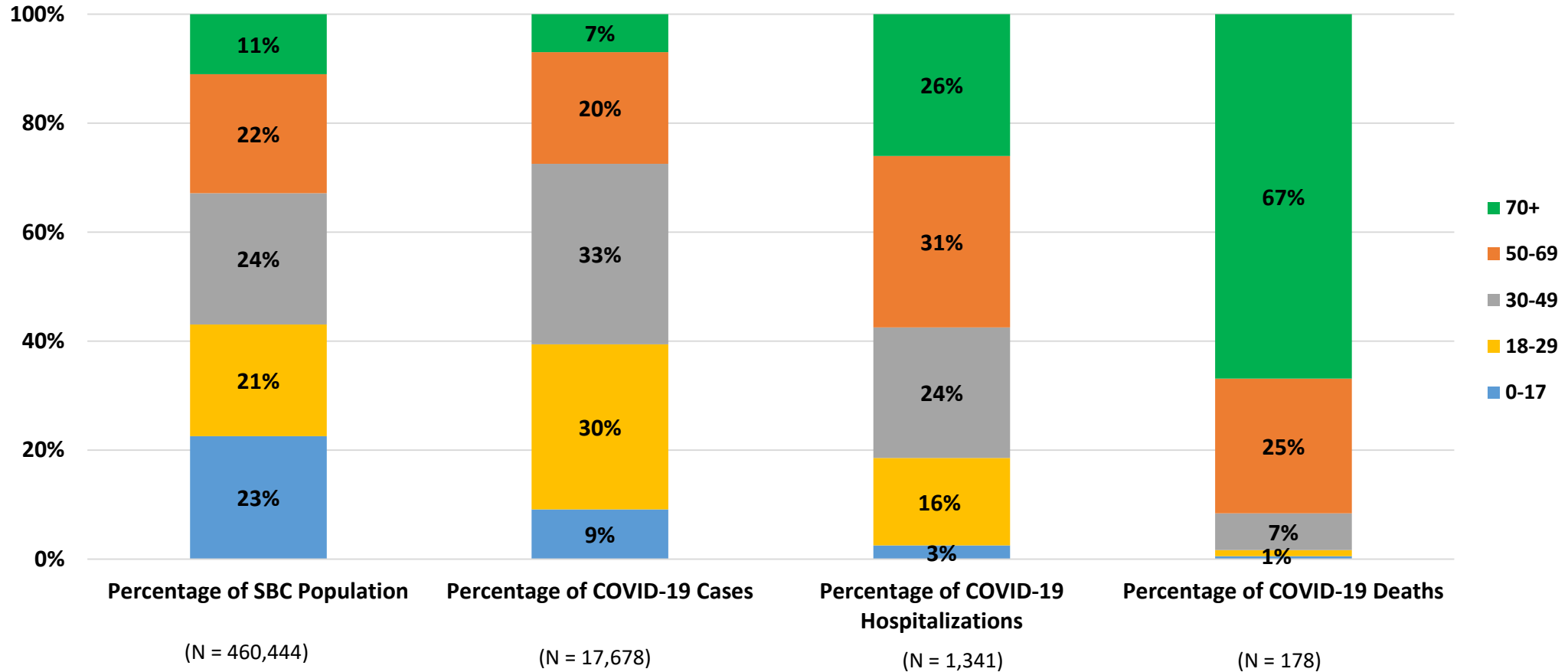
Cumulative Community COVID-19 Case Count on a Biweekly Basis

Cumulative Community COVID-19 Case Count by Age Category and Episode Date, as of 12/31/2020 (N=17,678)



Comparison of COVID-19 Cases, Hospitalizations, Deaths to SBC Population by Age

Age of COVID-19 Cases, Hospitalization, and Deaths as of 12/31/2020 (N=17,678)*



*Percentages shown for COVID-19 cases are only for persons with age reported; 5 cases missing age.

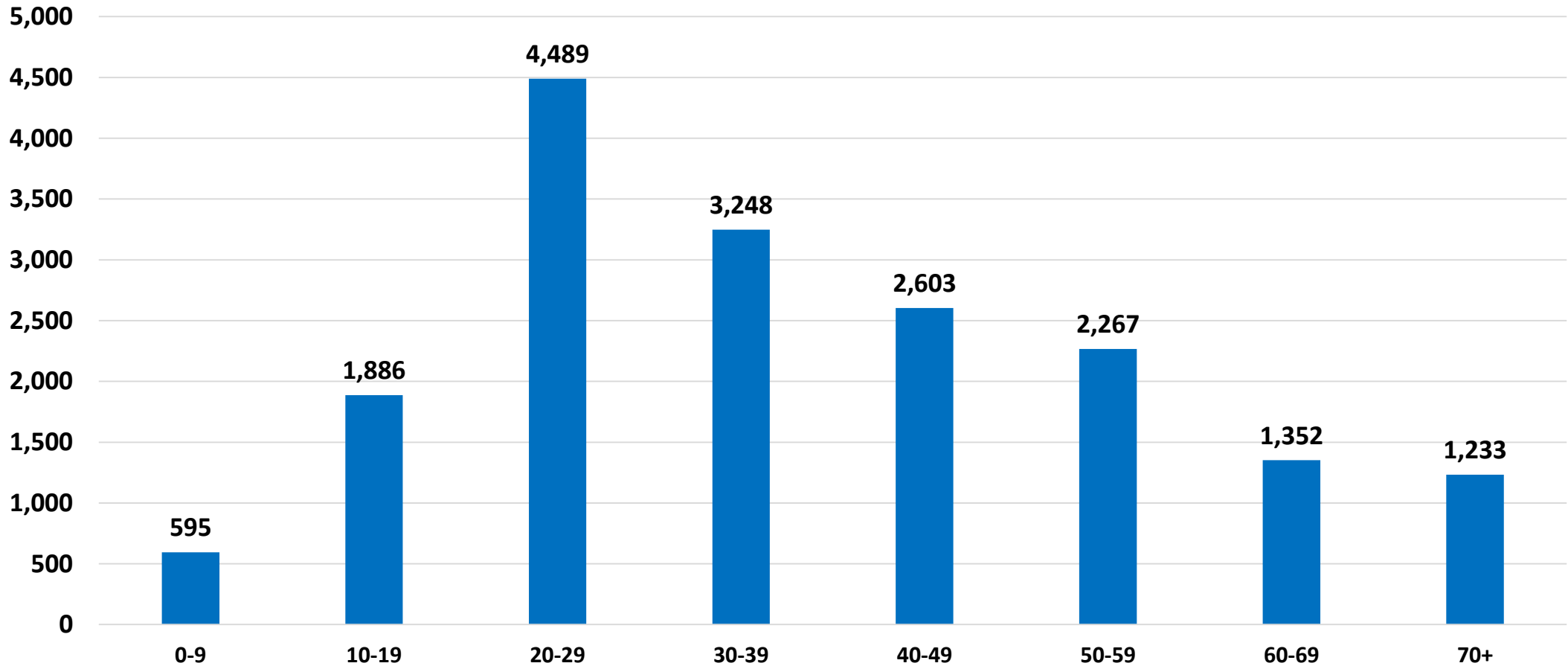
Population estimates per the Department of Finance 2020 Population Estimates

Hospital Data gathered directly from the 3 hospital systems within Santa Barbara County



COVID-19 Cases by 10 Year Age Group

COVID-19 Cases by 10 Year Age Group, as of 12/31/20 (N=17,678)*

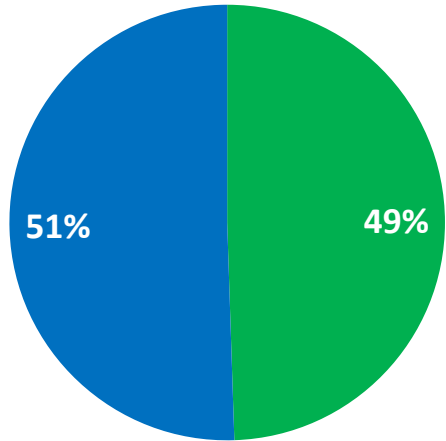


* 5 cases missing age

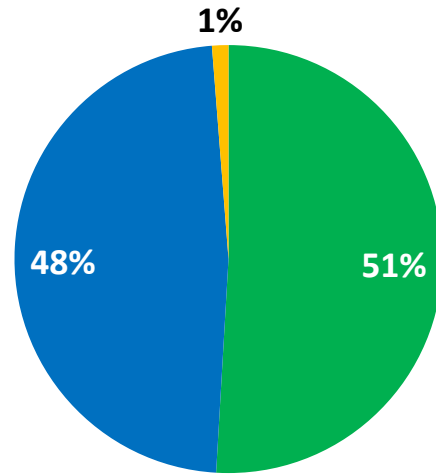


Comparison of COVID-19 Cases, Hospitalizations, Deaths to SBC Population by Gender, as of 12/31/20

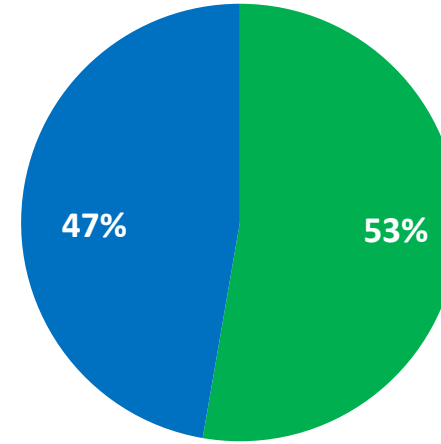
Gender of Santa Barbara County Population (N=460,444)



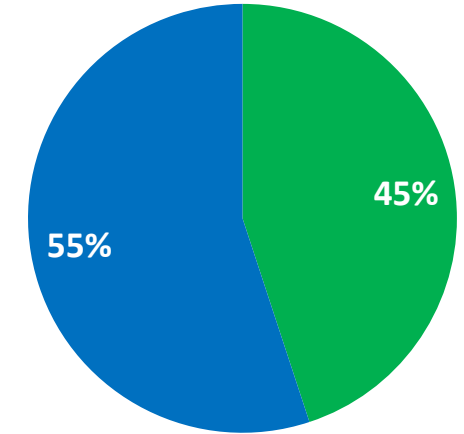
Gender of COVID-19 Cases (N=17,678)



Gender of COVID-19 Hospitalizations (N=1,341)



Gender COVID-19 Deaths (N=178)

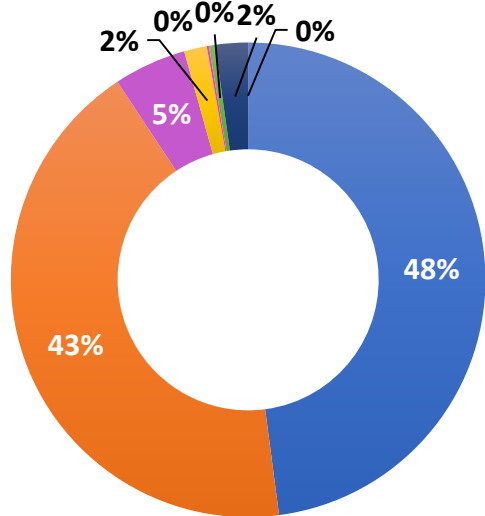


■ Female ■ Male ■ Other/Unknown/Transgender

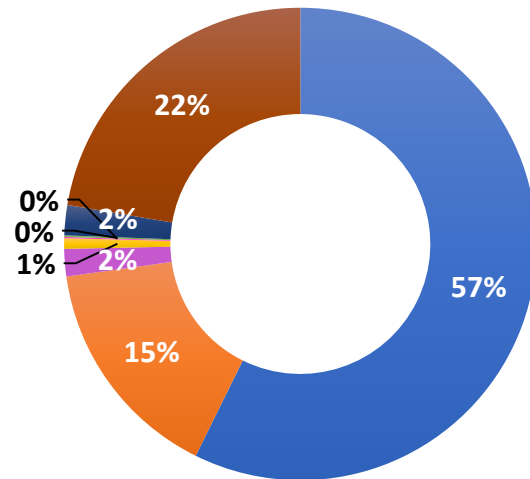


Comparison of COVID-19 Cases, Hospitalizations, Deaths to SBC Population by Race/Ethnicity

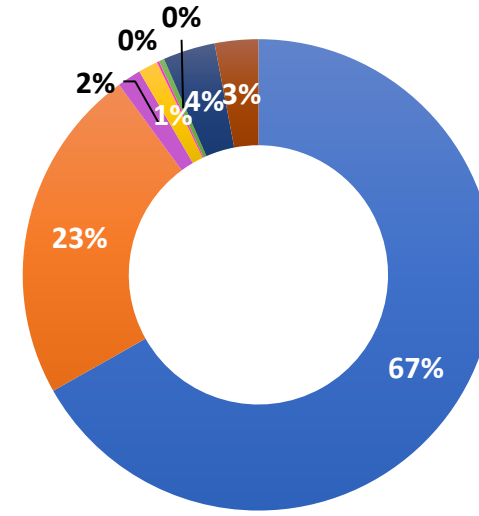
**Santa Barbara County
Population by Race/Ethnicity
(N=460,444)**



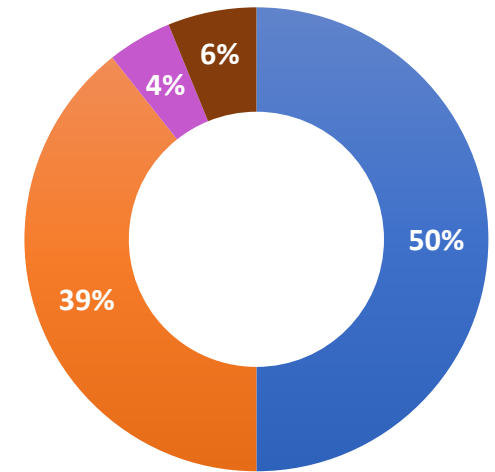
**COVID-19 Cases by
Race/Ethnicity, as of 12/31/20
(N=17,678)**



**COVID-19 Hospitalizations by
Race/Ethnicity as of 12/31/20
(N=1,341)**



**COVID-19 Deaths by
Race/Ethnicity as of 12/31/20
(N=178)**

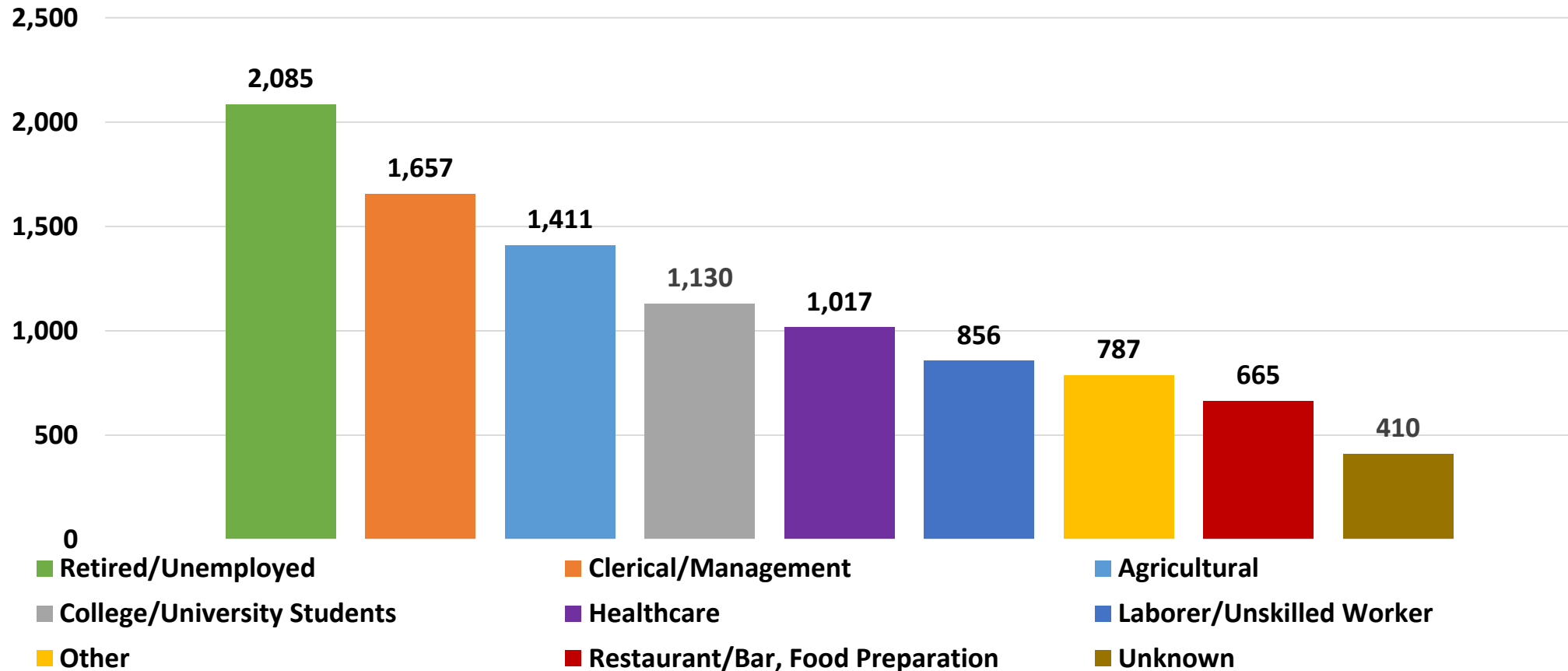


- Hispanic/Latino
- Asian
- Native Hawaiian/ Pacific Islander
- Other
- White
- Black/African American
- American Indian/Native Alaskan
- Missing

*Due to a cell count less than 5 for each category, Other combined NH/PI, AI/NA, Multiple races and Missing death

COVID-19 Cases by Occupation Type

Occupation of COVID-19 Cases, as of 12/31/20 (N=17,678)*

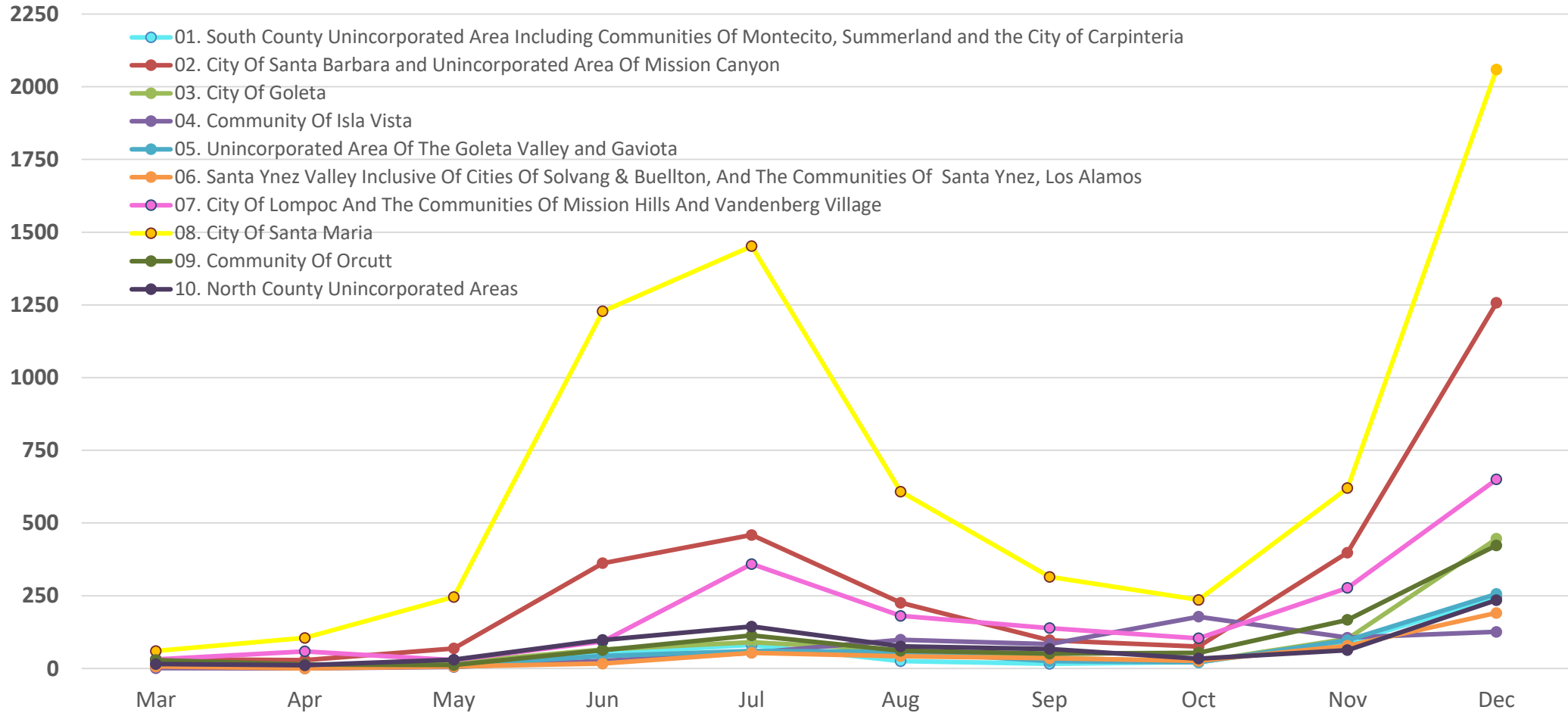


* 58% of the 17,678 cases answered Occupation upon case investigation; 7,498 cases had missing occupation information



COVID-19 case count by GIS region

COVID-19 Monthly Cases by GIS Region, as of 12/31/20 (N=17,678)*



* 928 cases had pending address information and not displayed

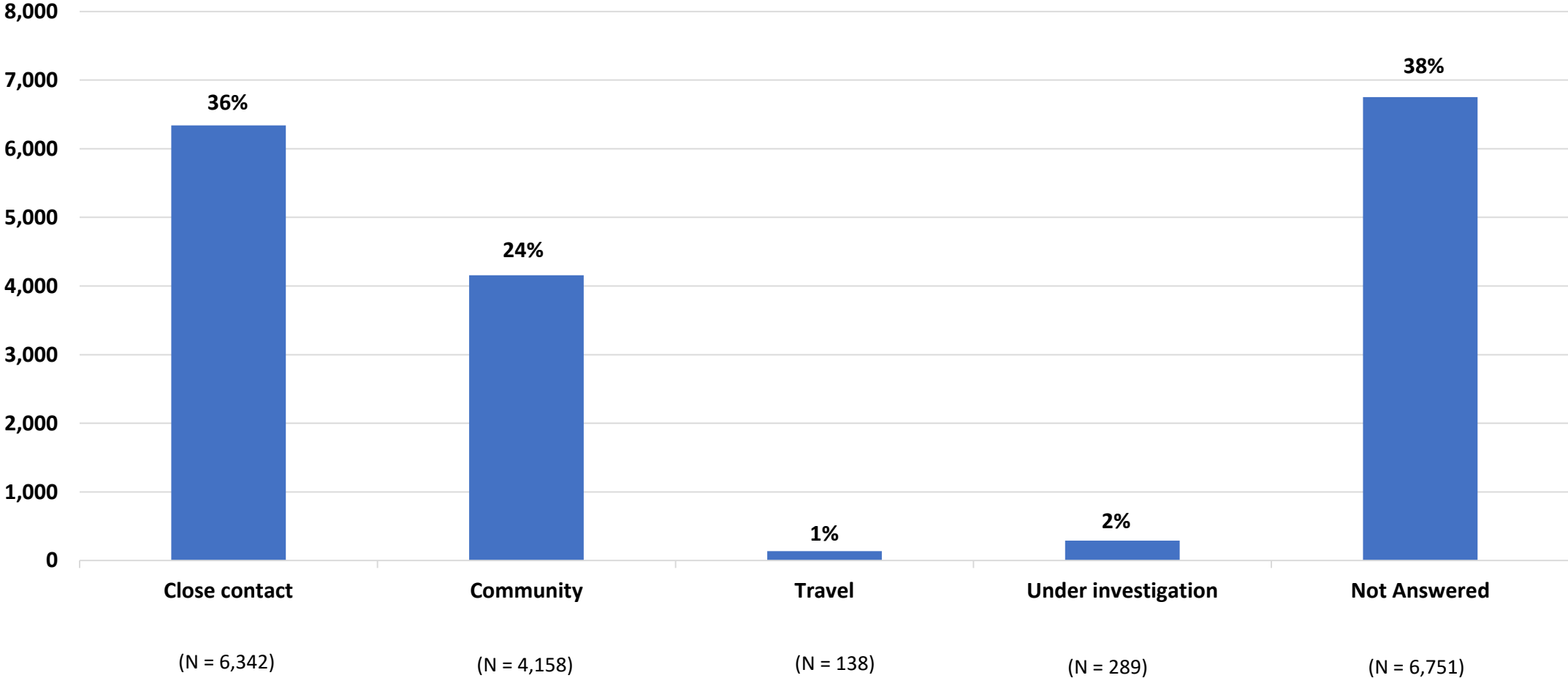


Transmission, Symptomology, and Additional Hospitalization Data



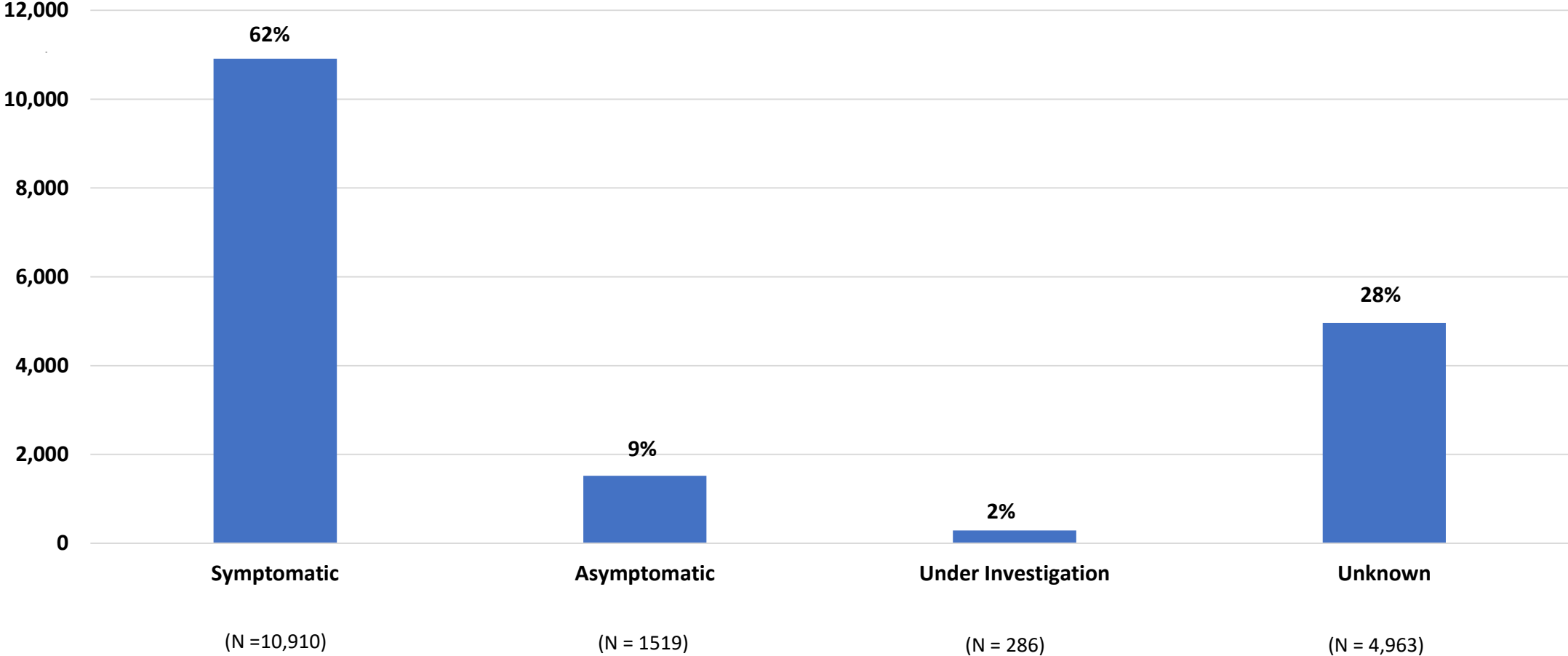
Transmission Status of COVID-19 cases

COVID-19 Cases by Transmission Type, as of 12/31/20 (N=17,678)



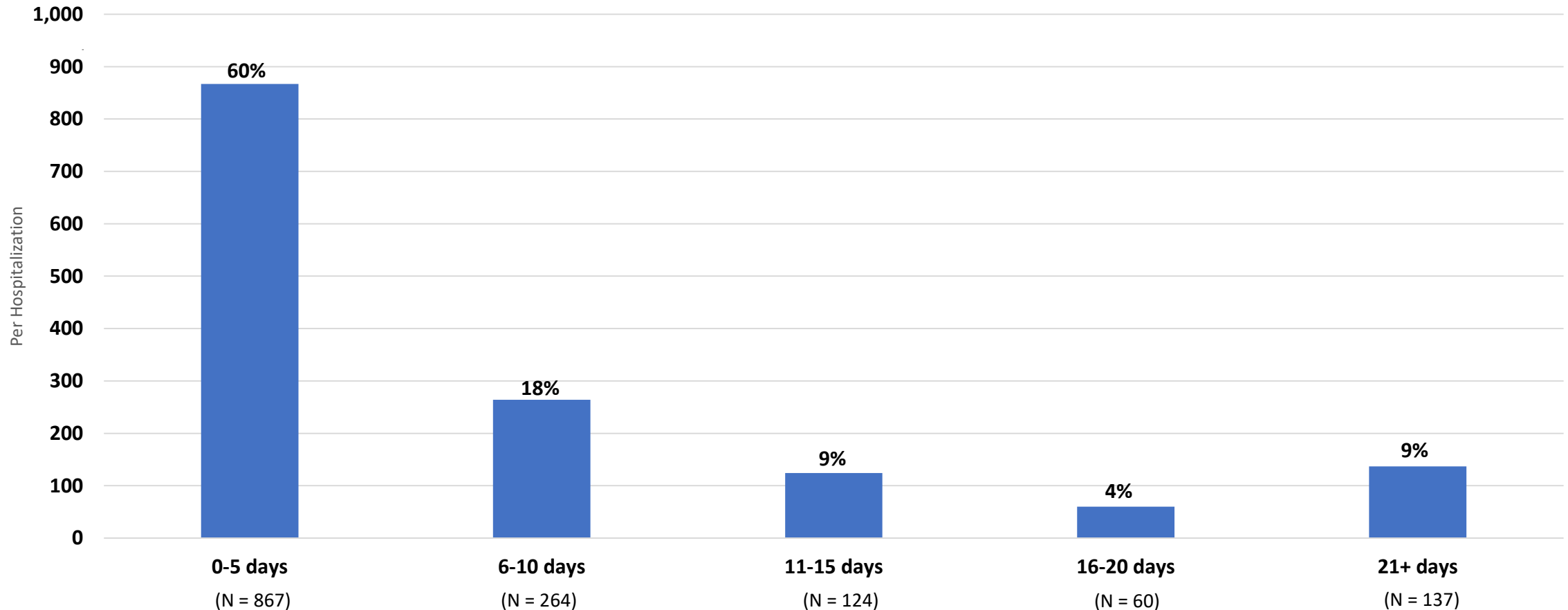
Symptomology of COVID-19 Cases

COVID-19 Cases by Symptomology, as of 12/31/20 (N=17,678)



Hospitalization of COVID-19 Cases Length of Stay per Visit

Hospitalization Length of Stay per Visit, as of 12/31/20 (N=1,452)*

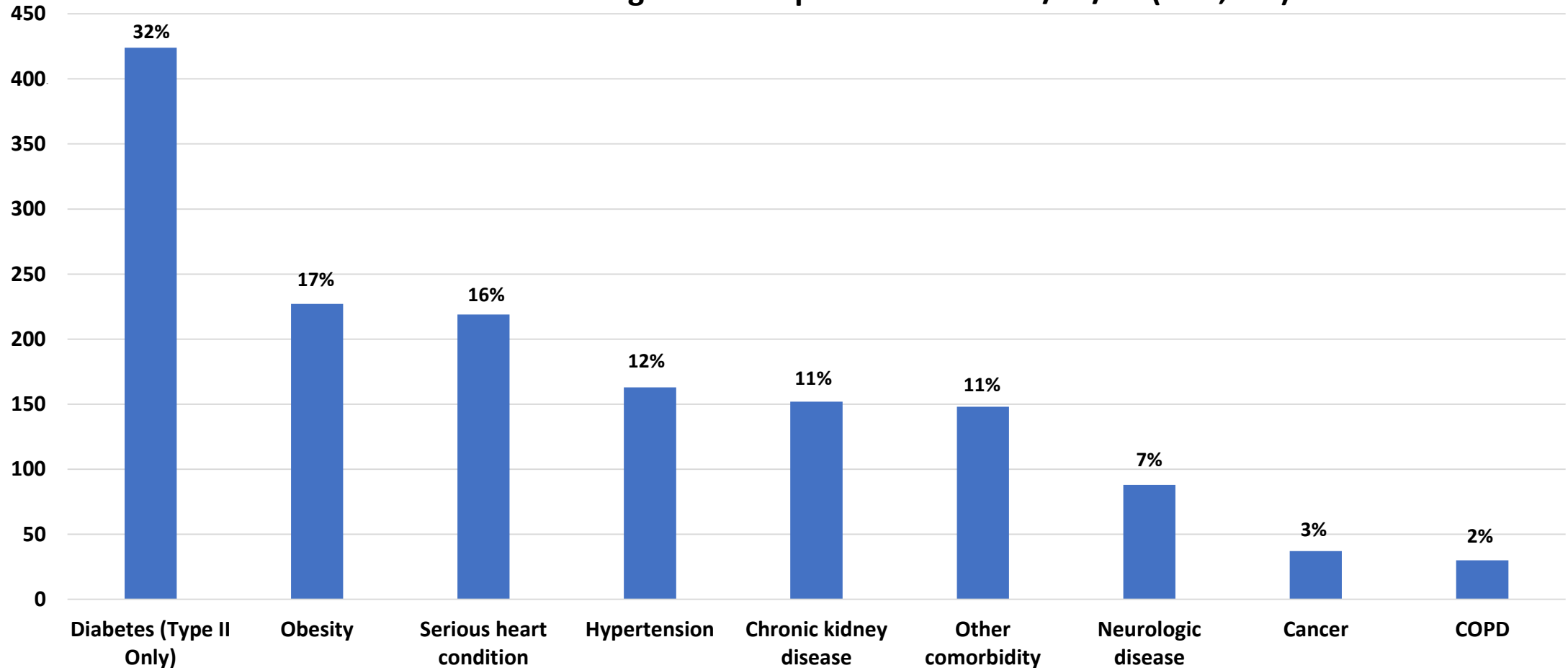


* 1,341 individuals were hospitalized in this reporting period for a total of 1,452 times; some patients were readmitted and counted more than once in this chart



Comorbidities of COVID-19 Cases

Comorbidities Among those Hospitalized as of 12/31/20 (N=1,341)*



* Some Hospitalized individuals were diagnosed with more than 1 comorbidity and counted more than once

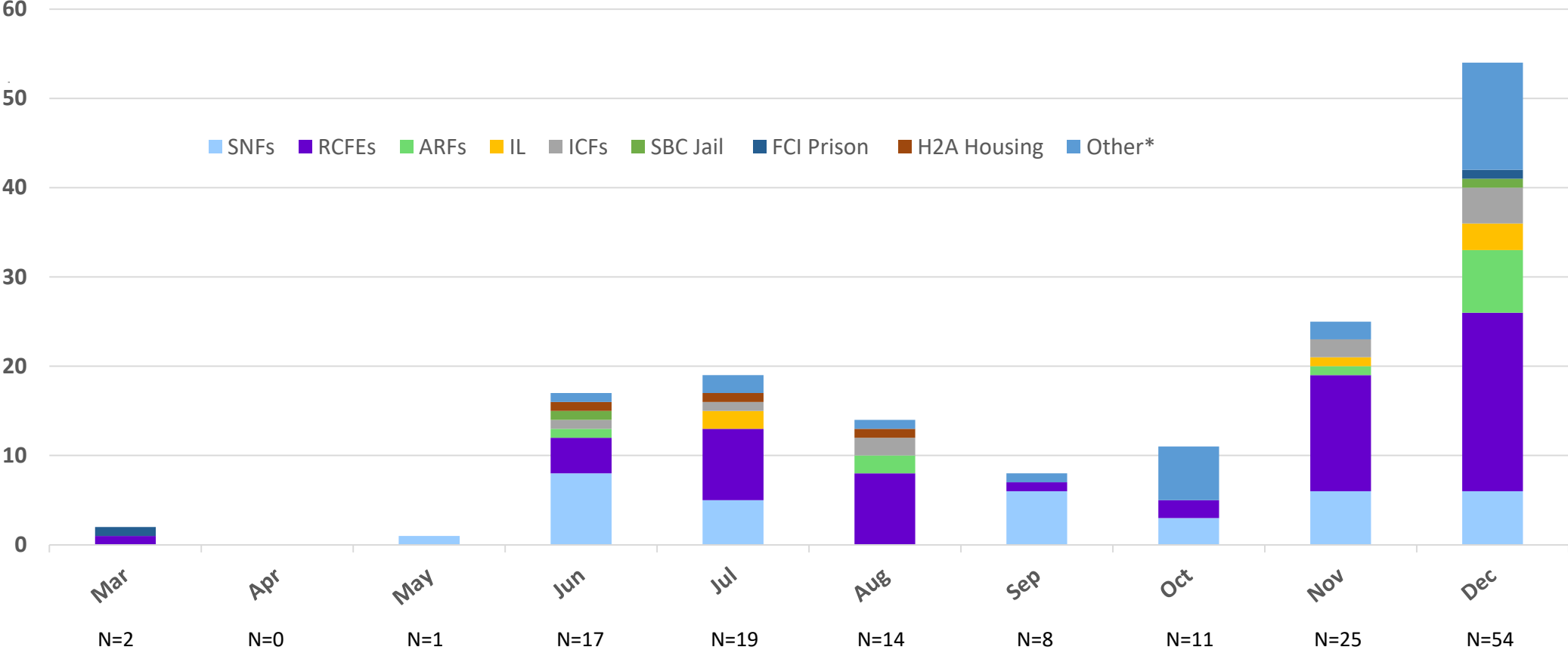


Outbreaks



Active Outbreaks in Congregate Settings by Month

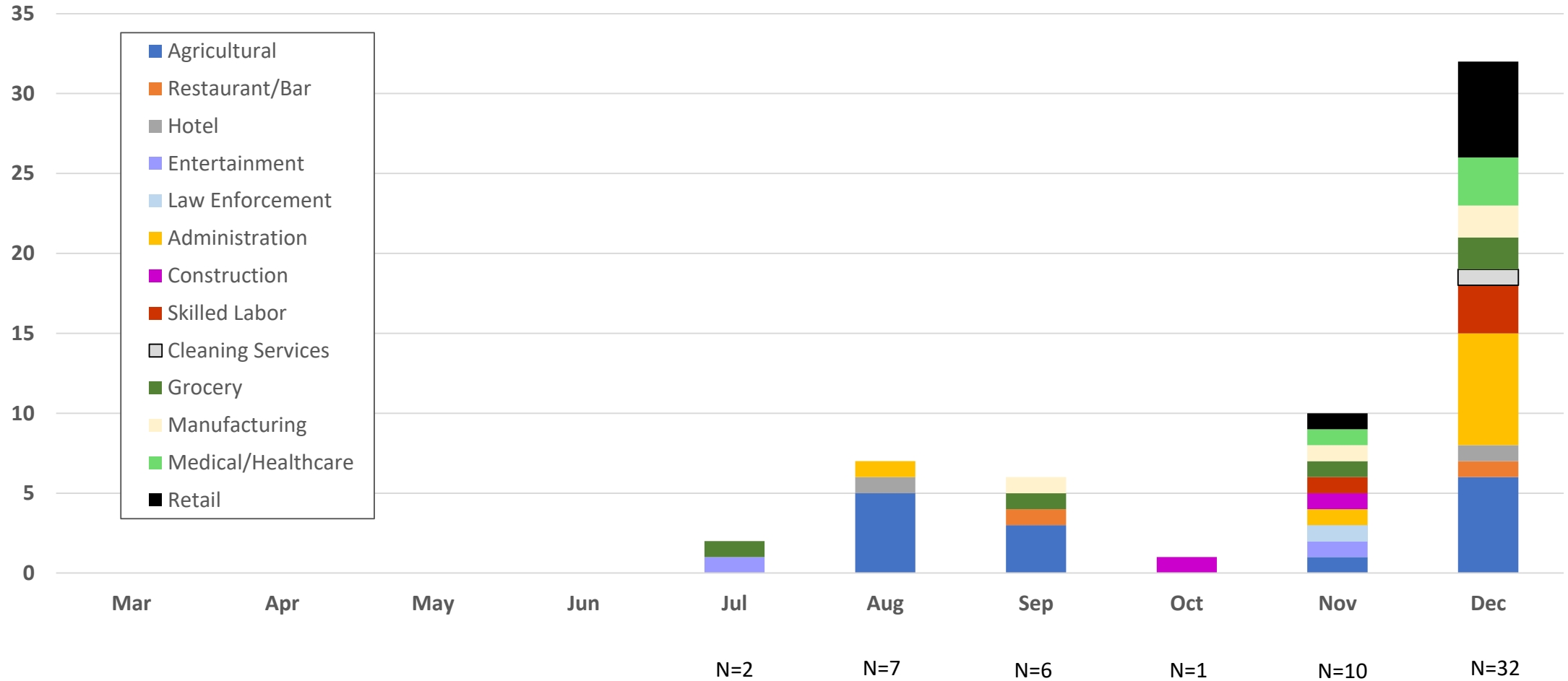
Opened Outbreaks in Congregate Settings by Month, Santa Barbara County (N=151)



*Homeless shelters, sober living homes, behavioral health facilities, boarding schools, university Greek housing, and juvenile hall

COVID-19 Outbreaks in Business Sectors

Opened Outbreaks in Business Settings by Month, Santa Barbara County (N=58)



Conclusions and Recommendations



Conclusions

1. From March through December: 17,678 cases of COVID-19 reported in SBC
2. SBC is experienced a second wave of cases that surpassed the summer wave
 - Number of cases and testing positivity in December were the highest since the start of the pandemic.
 - May be associated with holiday gatherings and increased travel
3. Majority of cases were working adults (18-29 and 30-49 years old)
4. Hispanic/Latinos have been disproportionately impacted by COVID-19 in Santa Barbara County



Conclusions

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5. Most common occupation of COVID-19 cases were retired and clerical/management
 6. Frontline staff (agricultural, healthcare, laborers/unskilled, and restaurant/bar or food preparation workers) also represent a large number of cases
 7. City of Santa Maria had the highest case count followed by Santa Barbara and Lompoc. When taking into account area populations, the unincorporated North County and Santa Maria areas continue to have the highest rates of disease.
 8. Of cases with known transmission status, the majority were close-contact
 9. Among those hospitalized, diabetes and obesity were the most common types of comorbidities.



Recommendations

1. Continue to partner with employment sectors and a post-secondary schools to mitigate the spread of disease among 20-year olds
2. Increase prevention messaging to 20-year olds
3. Monitor health needs and risks among senior population
4. Partner with employment sectors to slow spread of infection among front-line (agricultural, laborers, unskilled, restaurant, bar, and food prep) workers.
 - Support staff who need to quarantine or isolate
 - Reinforce social distancing and masking in these job sectors



Recommendations

5. Limit gatherings
6. Partner with CDPH for additional prevention strategies to mitigate sustained and/or repeated outbreaks in congregate settings
7. Continue outreach and prevention efforts in regions with the highest number of cases
8. Monitor cases among youth and young adults as school resumes
9. Monitor mental health needs and promote community mental health resources
10. Continue educating the public about vaccine eligibility and access



Questions?

**STRONGER
TOGETHER.
SAFELY APART.**