



SUPPORT



TRUST



UNITY



EXCELLENCE

COVID-19 Update: Marin Villages

July 7, 2020

PROMOTE & PROTECT

THE

health, well-being, self-sufficiency and safety

FOR ALL IN

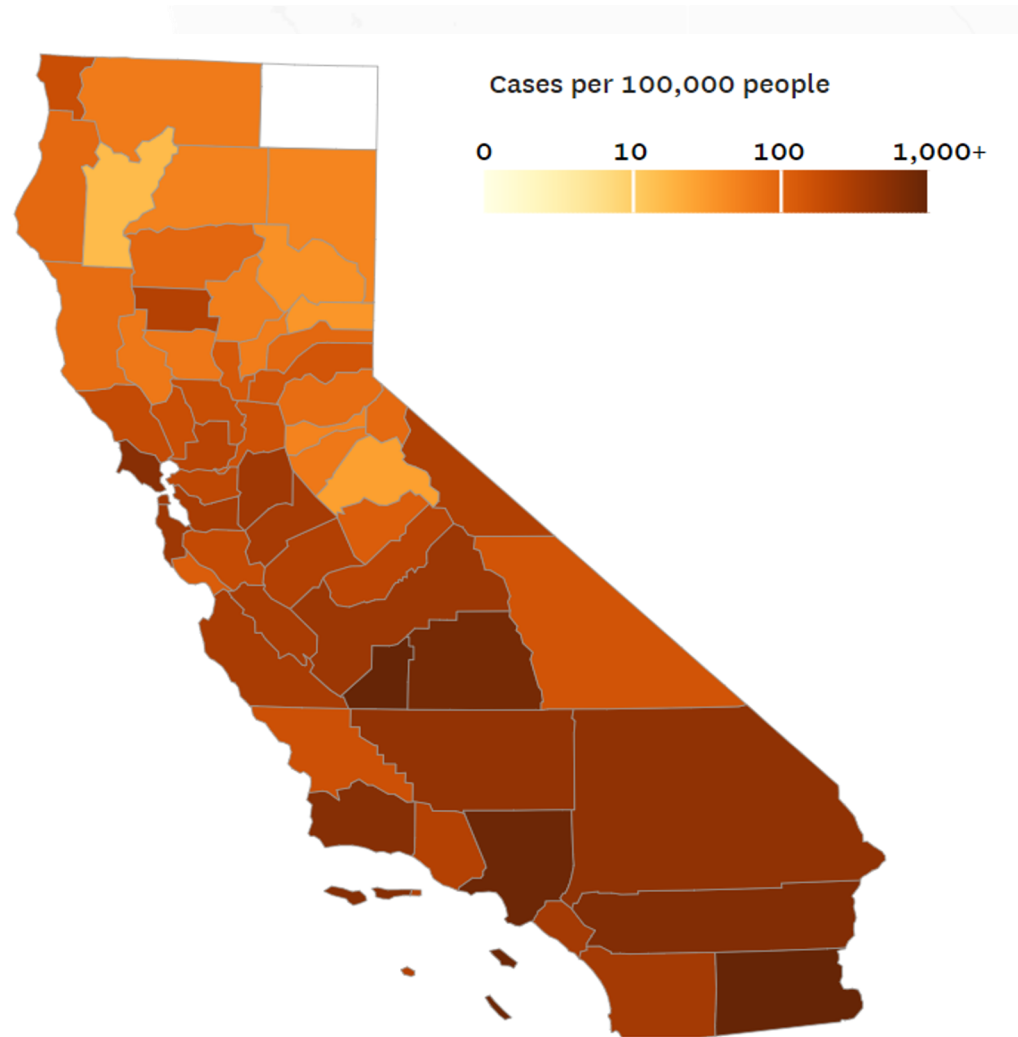
Marin

Health Defined

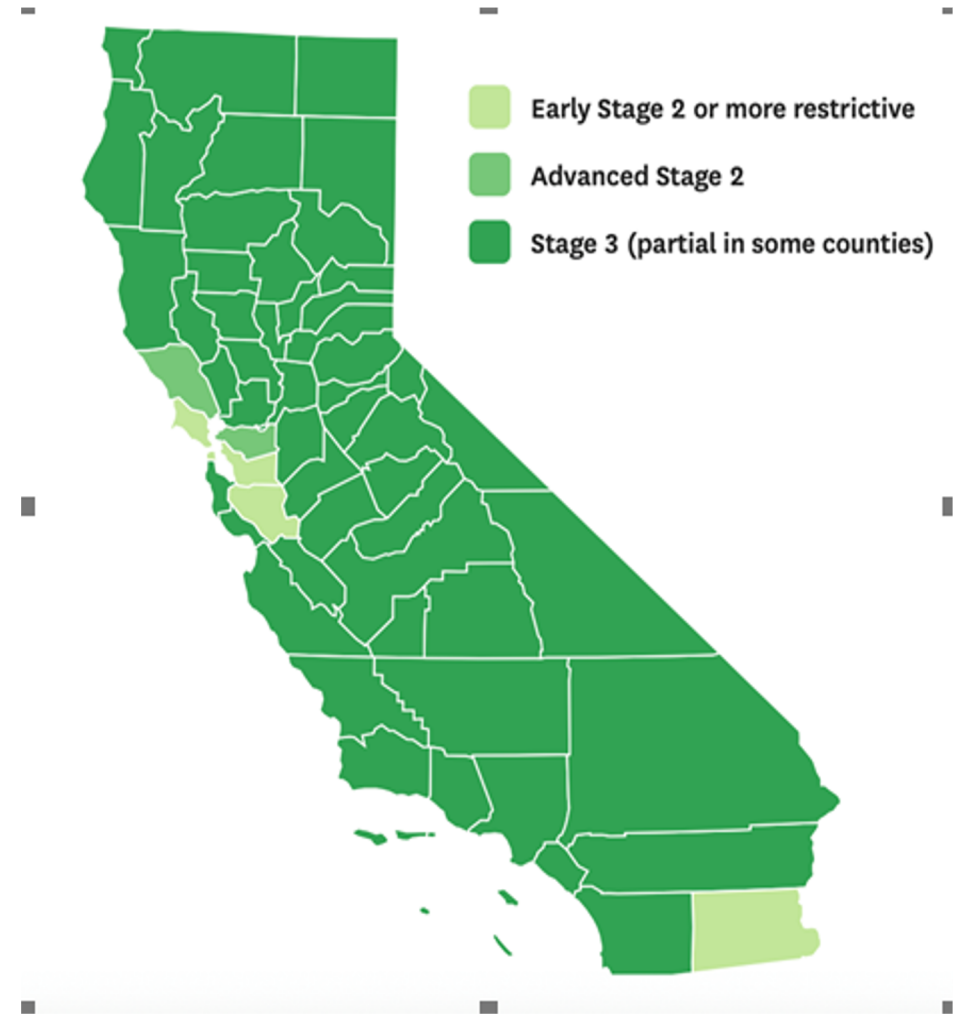
- “A state of complete physical, mental, and social well-being, and not merely the absence of disease or infirmity.”
 - **WHO Constitution (1948)**



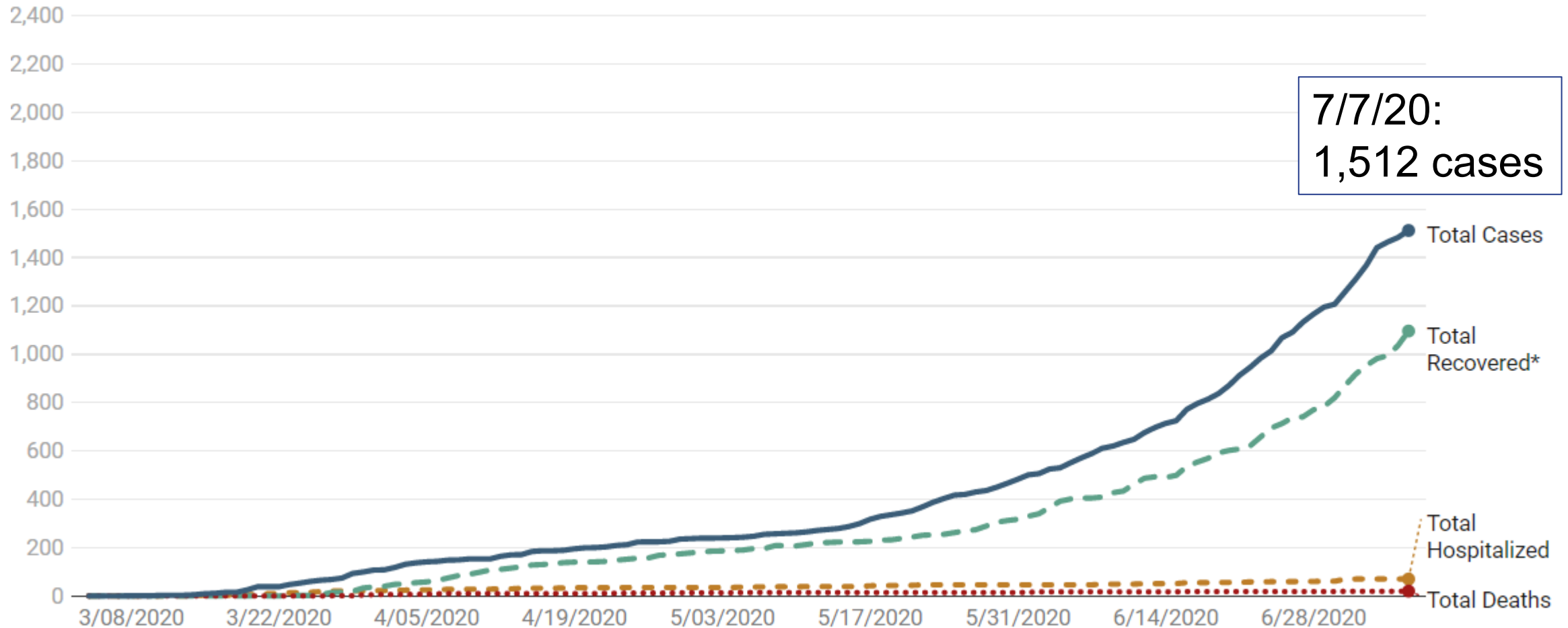
অফিসার পদে
**World Health
Organization**
নিয়োগ বিজ্ঞপ্তি



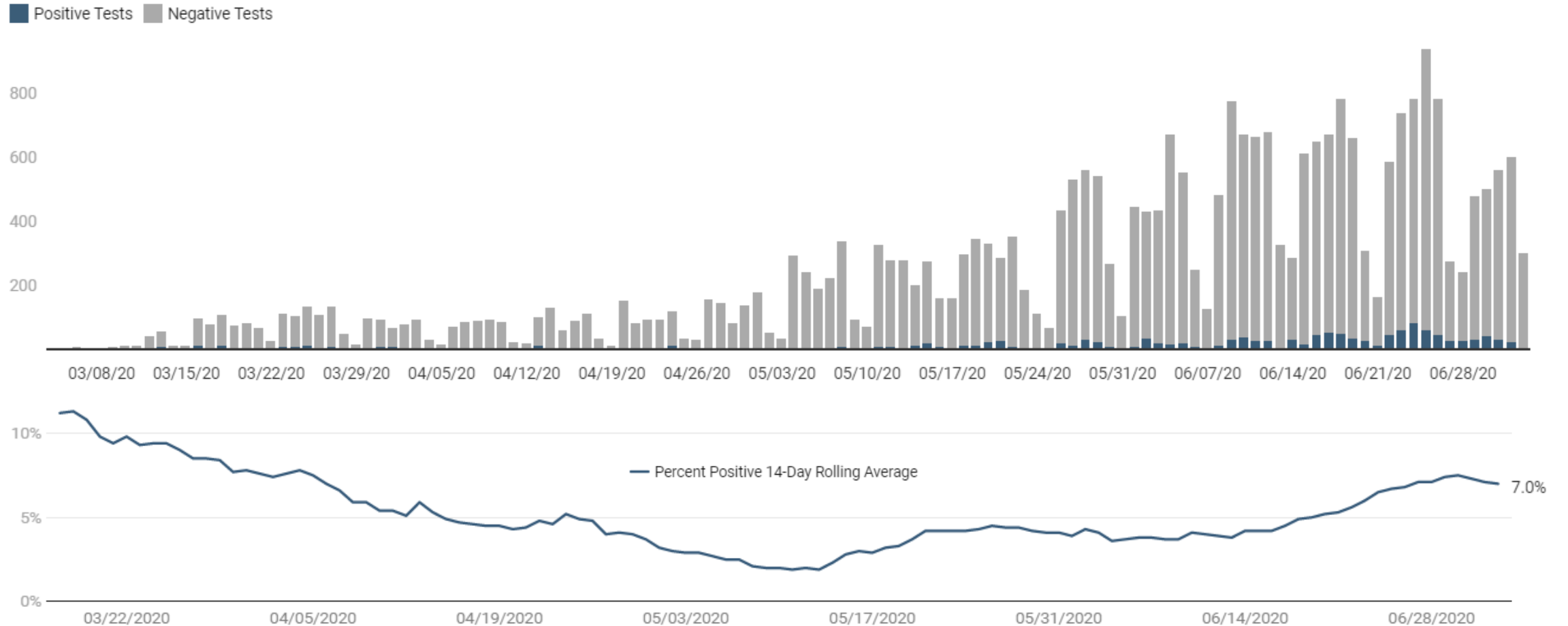
Hover over the map to see details for each county



Marin County COVID-19 Cases, Cumulative



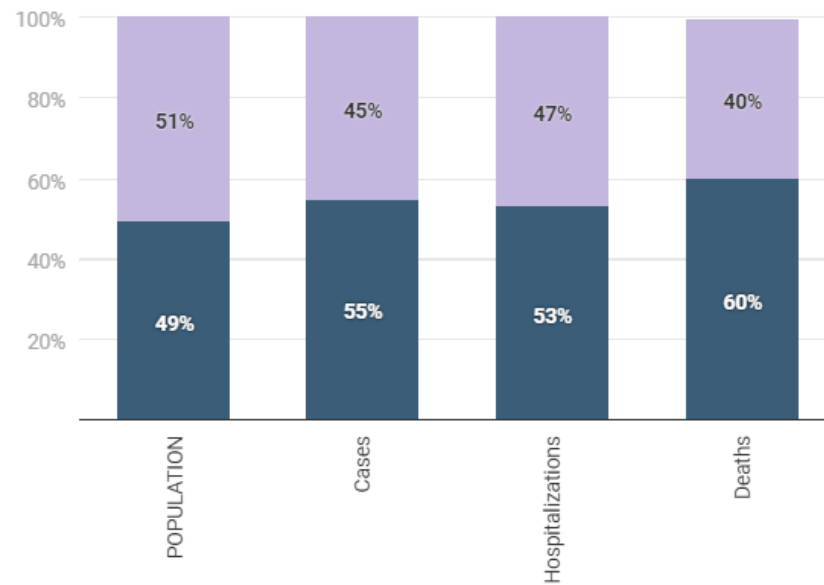
Marin County: Total COVID-19 Tests per day with results



Marin County: All COVID-19 Cases

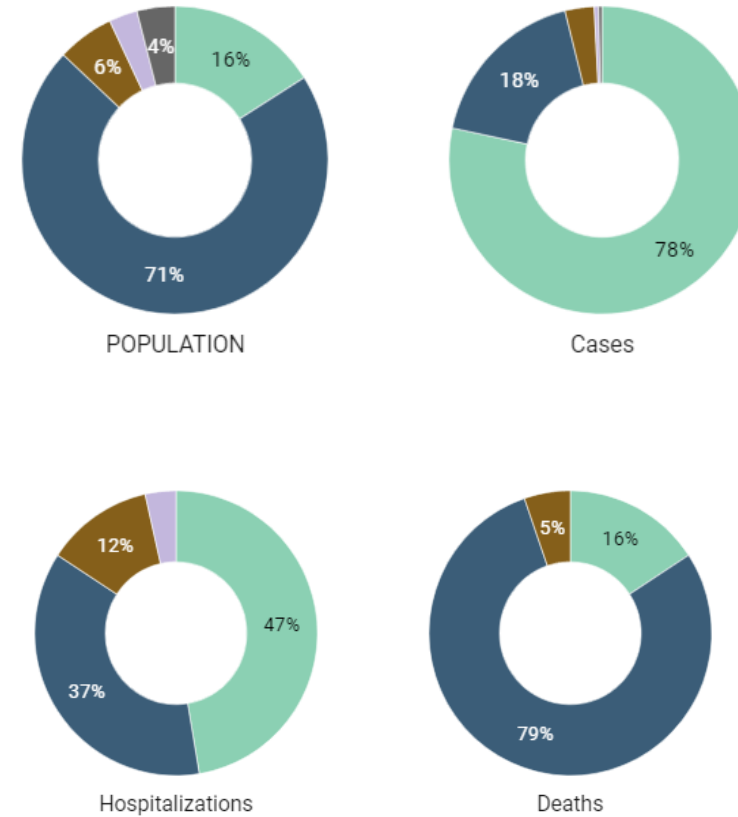
Gender

Male Female

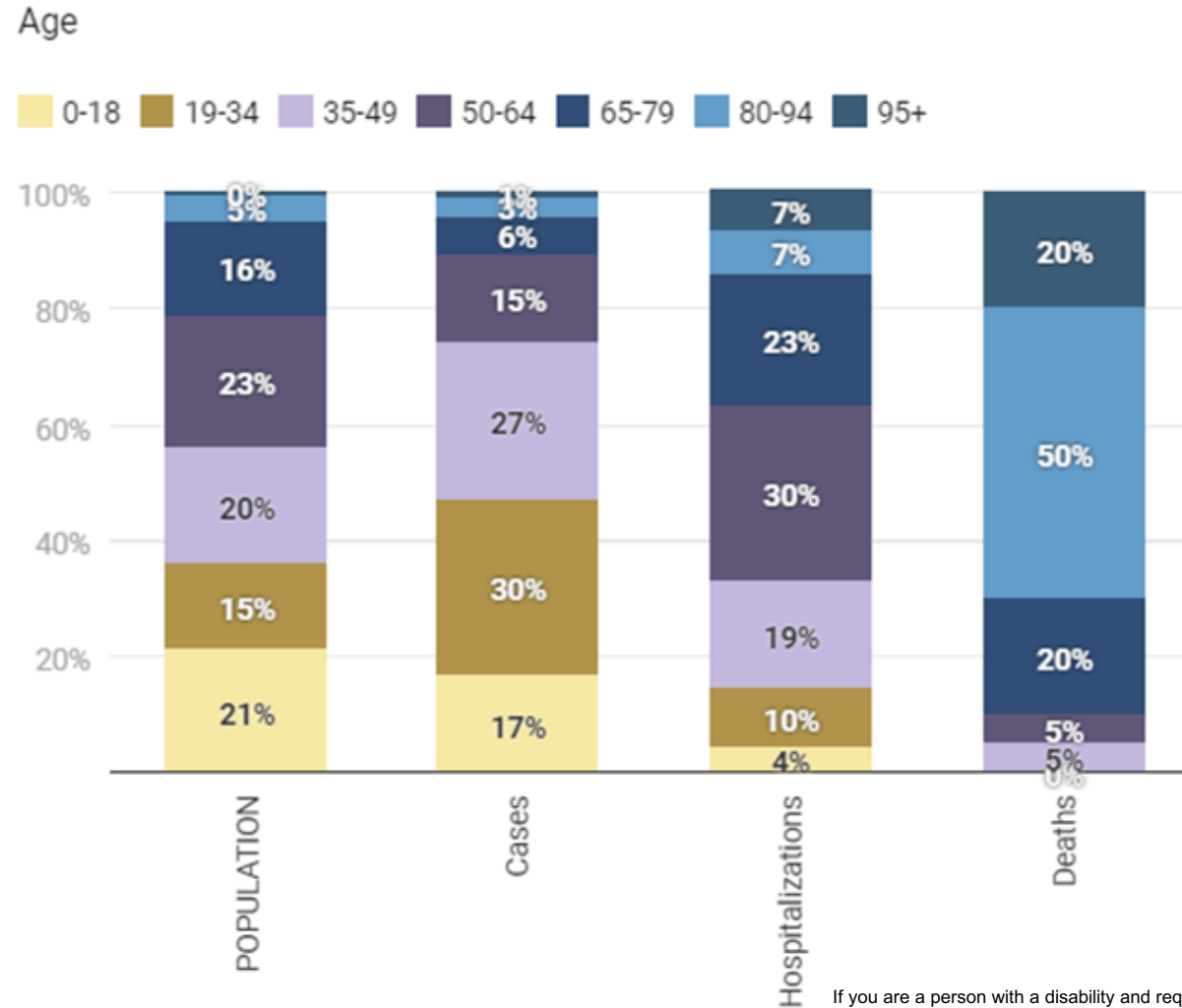


Race/Ethnicity

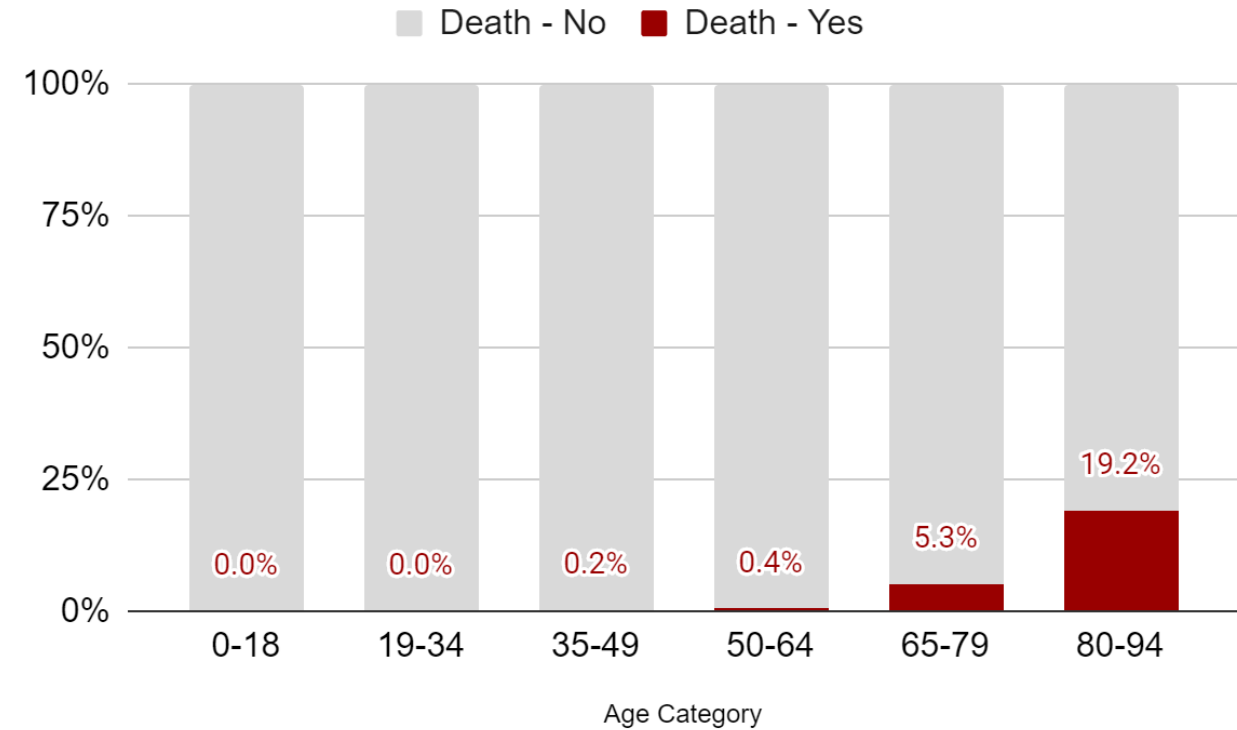
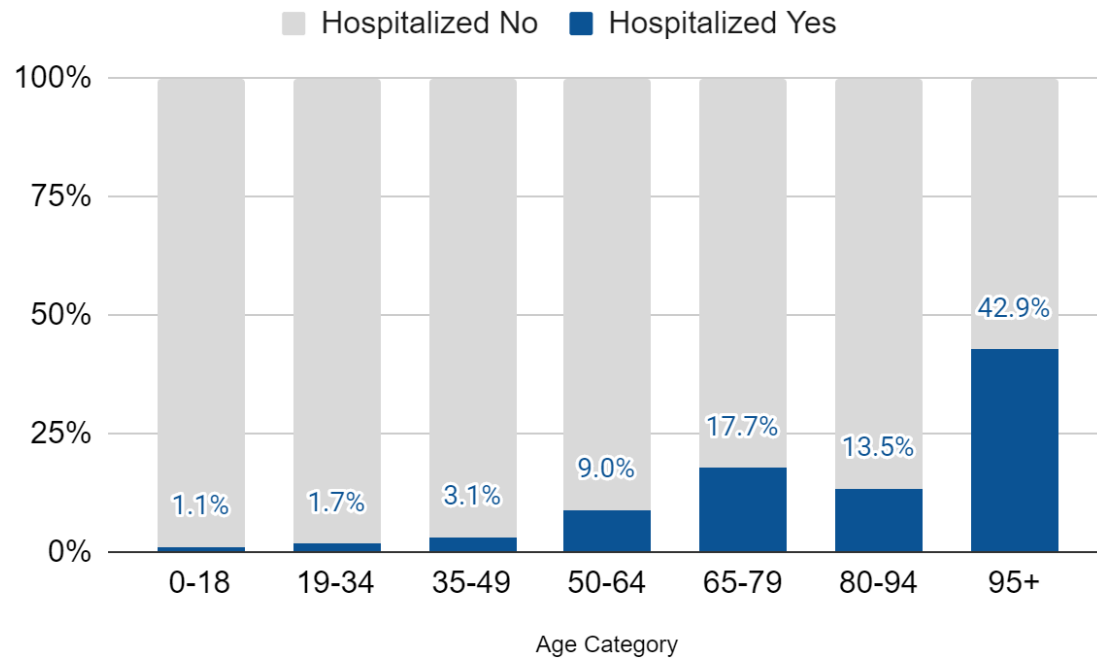
Hispanic/Latino White Asian Black/African American Other



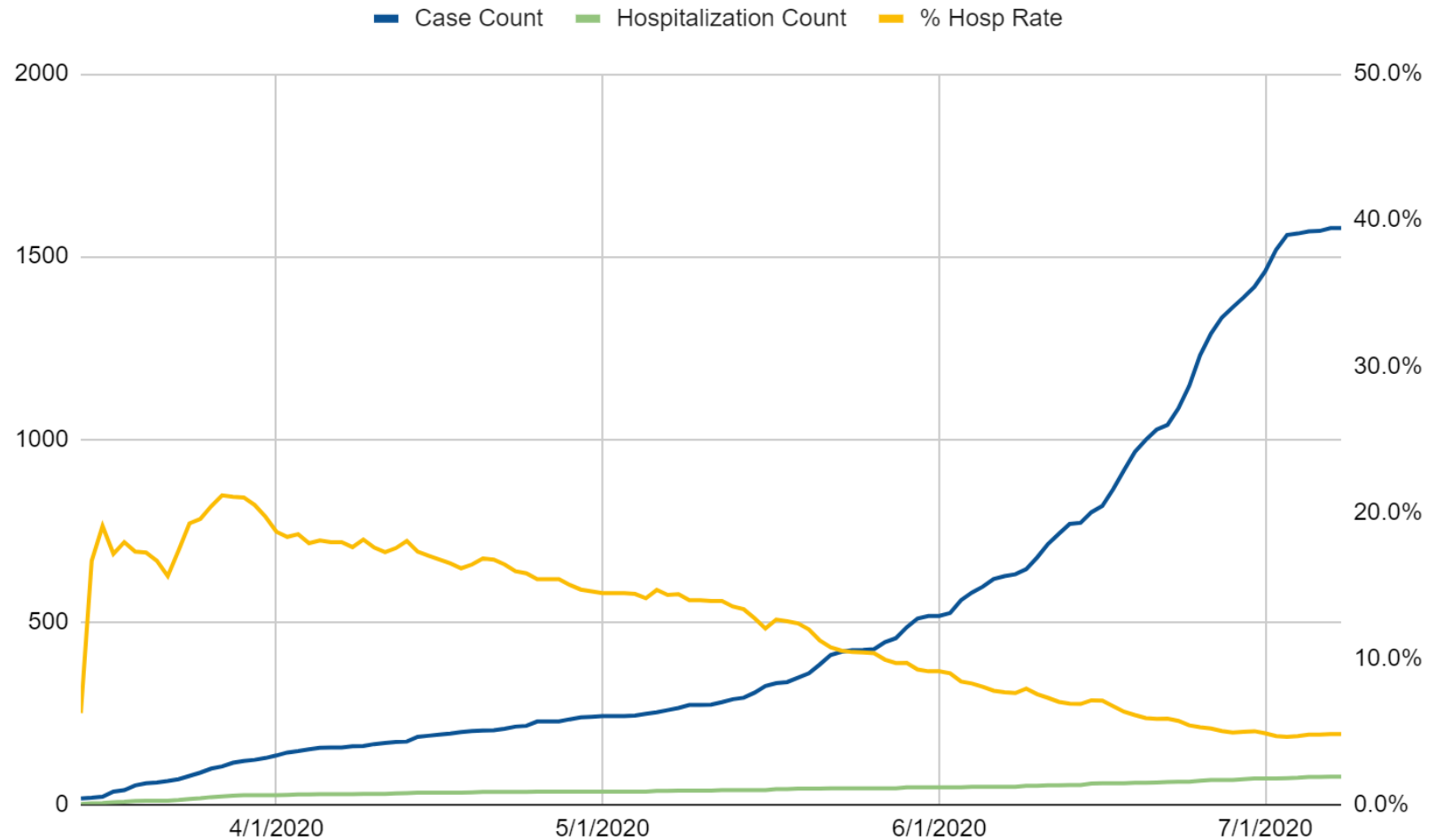
Age Distribution



COVID-19 Hospitalization & Death Rate by Age Group

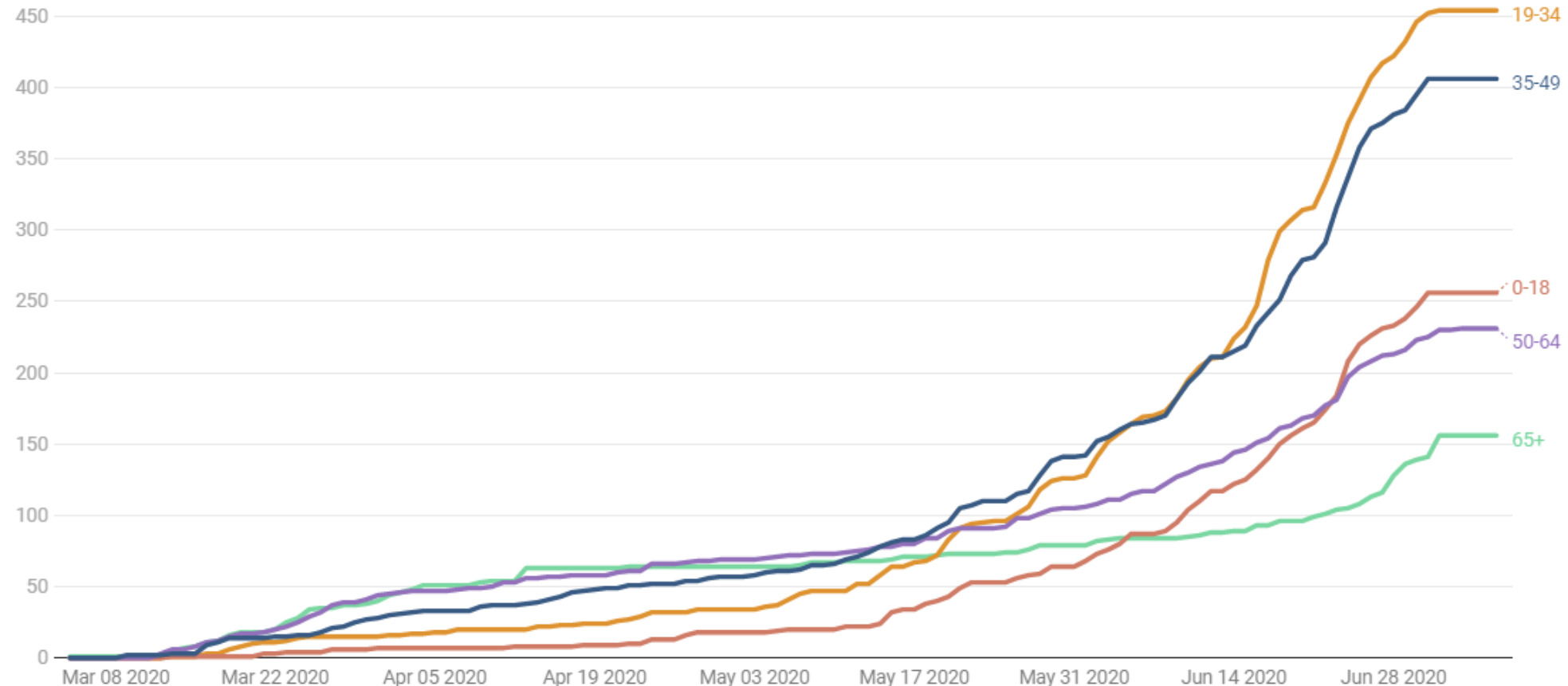


Cumulative Cases and Hospitalizations Compared to Percent Hospitalization Rate



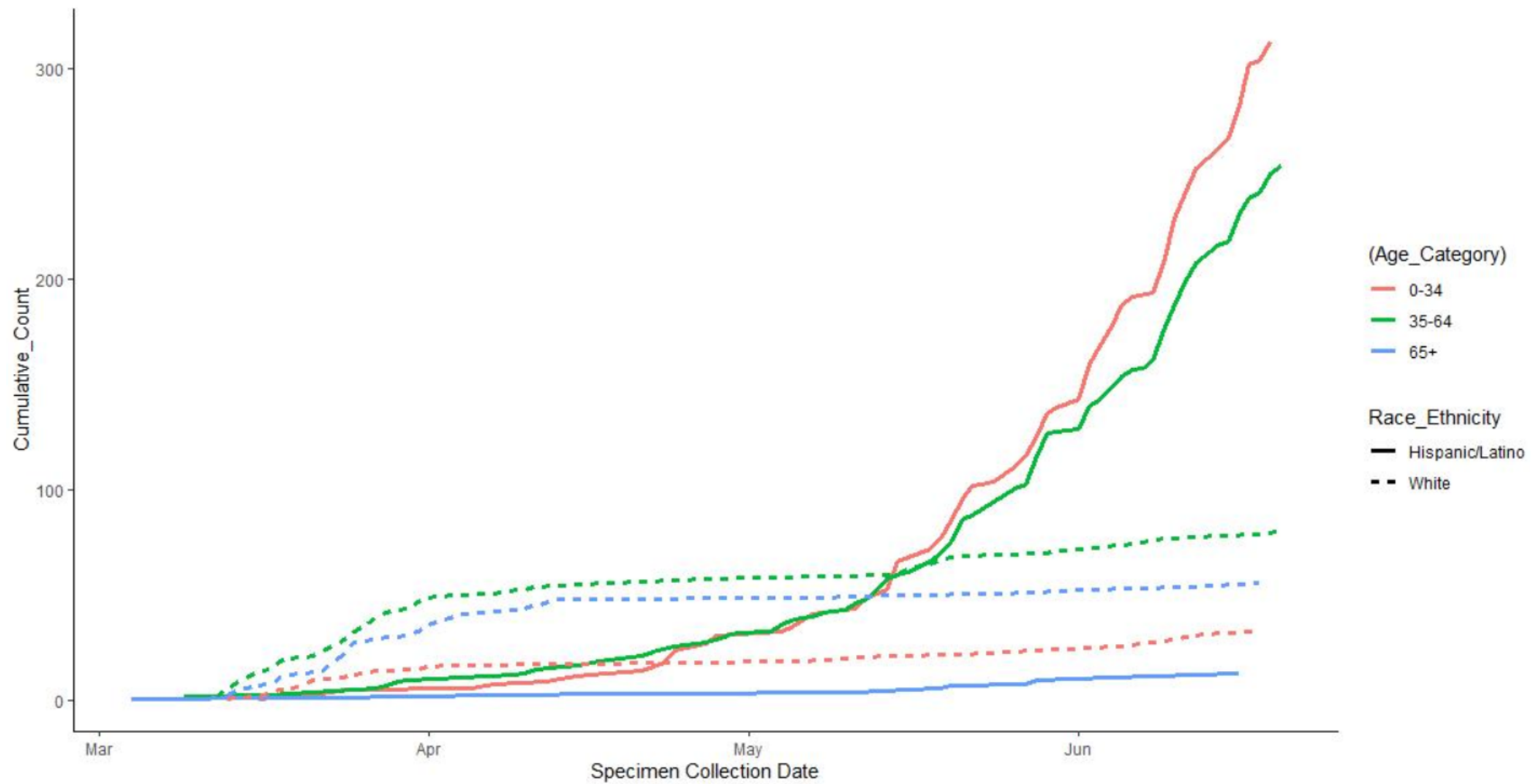
Case rates among different age groups

Cumulative Case Count by Age Category Over Time



Source: Marin HHS • [Get the data](#) • Created with [Datawrapper](#)

Age and Race Over Time



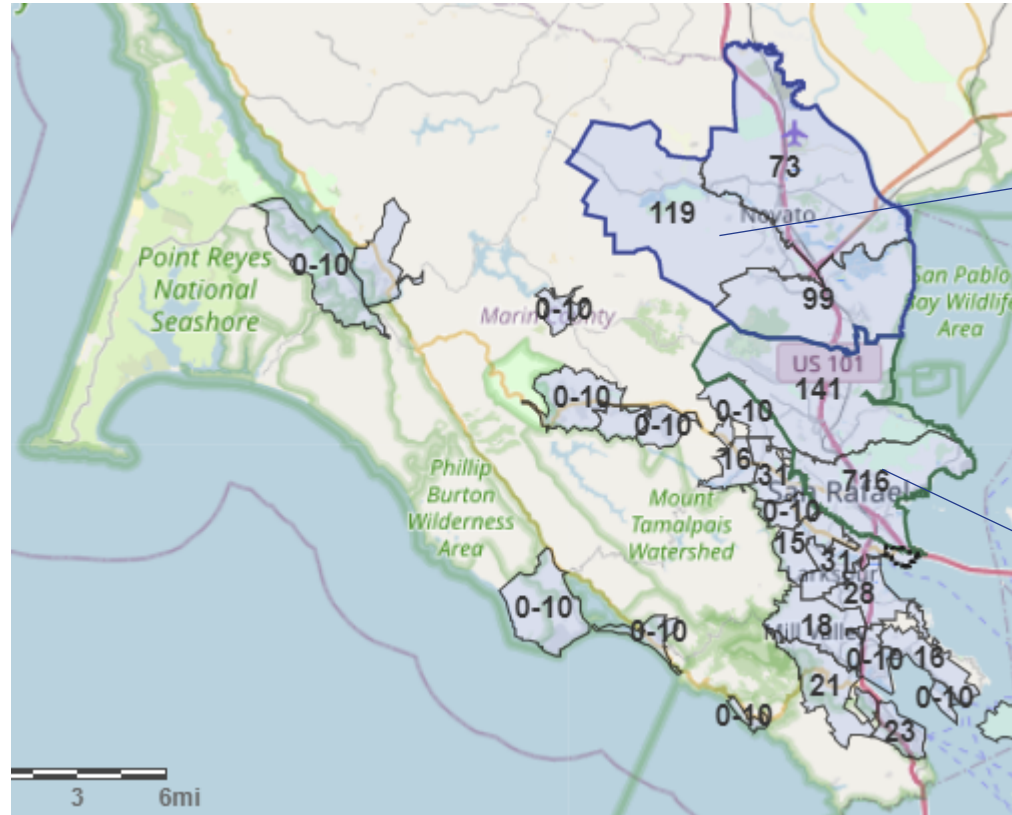
Percent Hospitalized/Deaths Overtime

Time Period	% hospitalized	% deaths	Average Age
March-mid April	17.0%	8.0%	55.70
Mid April-mid May	5.1%	0.7%	37.20
Mid May-mid June	3.9%	0.4%	38.54
Mid June-present	2.4%	0.4%	38.73

% hospitalized: count of total hospitalizations in time period/count of cases in time period

% deaths: count of total deaths in time period/count of cases in time period

Online Map: Cases by City and Town



Novato: Zip Code 94947	
City/Community	Novato: Zip Code 94947
Total Population	24,283
Number of Confirmed COVID-19 Cases	119

(1 of 2) San Rafael: Zip Code 94901	
City/Community	San Rafael: Zip Code 94901
Total Population	41,157
Number of Confirmed COVID-19	716

Occupation

- Among cases with a known occupation:
 - ~50% were in Construction, Food service, Grocery, Landscaping/Gardening House Cleaning/Personal Service
 - ~10 % were in healthcare
 - ~40% were spread across other occupations
- Among cases who reported having close contact with a known COVID-19 case:~50% were in Construction, Food service, Grocery, Landscaping/Gardening House Cleaning/Personal Service
 - 74% home contact
 - 21% work or other contact


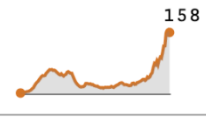
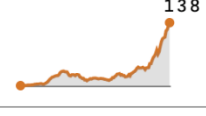
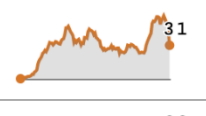
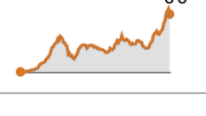
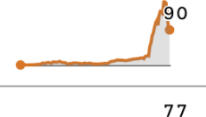
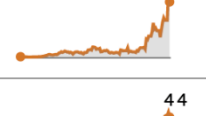
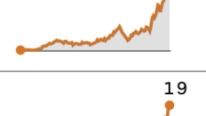

Checklist for Reopening – how Bay Area Counties Compare

Checklist: How Bay Area counties are measuring progress

This chart will be updated weekly with information reported by the county officials. Last updated July 3, 2020 11:30 a.m.

County	Cases	Hospitals			Testing	Tracing		PPE
	Flat or decreasing	Counts flat or decreasing	Capacity below 50%	Hospitalizations over past two weeks	Tests per 100k people per day	Goal	Percent of cases	30-day supply
Alameda	✗	✗	✓			✗	75%	✗
Contra Costa	✗	✗	✓			✗	24%	✓
Marin	✗	✗	✓			✗	70%	✓
San Francisco	✗	✗	✓			✗	82%	✗
San Mateo	✗	✗	✓			✓	>90%	✓* 14-day supply
Santa Clara	✗	✗	✓			✓* as of last week	>90%	✗

Cases and Deaths by Bay Area County

County	Total deaths	Total cases	New cases curve	Weekly change in new cases
Alameda	140	7,249		▲ 118 +13%
Santa Clara	165	5,478		▲ 465 +72%
Contra Costa	86	4,092		▲ 291 +43%
San Francisco	50	4,066		▼ 158 -42%
San Mateo	111	3,743		▲ 131 +40%
Marin	27	3,008		▼ 338 -35%
Solano	27	1,826		▲ 270 +101%
Sonoma	14	1,487		▲ 79 +35%
Napa	4	448		▲ 59 +82%

Sources: U.S. Centers for Disease Control and Prevention, the California Department of Public Health and county public health departments, exclusive Chronicle reporting

If you are a person with a disability and require this document in an alternate format (example: Braille, Large Print, Audiotape, CD-ROM), you may request an alternate format by calling: (415) 473-4167 (Voice), (415) 473-3232 (TTY), or by e-mail at: cmal@marincounty.org

San Quentin Cumulative Cases and Trend

CDCR PATIENTS: COVID-19 BY INSTITUTION

INSTITUTION:

CA State Prison, San Quentin

CONFIRMED CASES: Cumulative Count

NEW IN LAST 14 DAYS	ACTIVE		RESOLVED	DEATHS
	CUSTODY	RELEASED		
723	1,291	16	185	7

ACTIVE CASES IN CUSTODY



*Patients who resolved, died, or released before they resolved are not included in graph above.
Active case count by date may be delayed 2-3 days while awaiting test results.

TESTING: Institution Count

CURRENT POPULATION	PATIENTS TESTED IN LAST 14 DAYS	% OF POPULATION TESTED IN LAST 14 DAYS
3,593	1,613	45%

PATIENTS TESTED BY DAY



*Released or transferred patients are in the 'Tested By Day' graph but not included in the 'Last 14 Days' count if no longer at the selected institution. Counts may be delayed 2-3 days while awaiting results.

CONFIRMED CASES: Rate Comparison

Cumulative Per 1,000 People

Institution: SQ	CDCR	California	United States
417.2	49.5	4.7	7.0

TESTING: Rate Comparison

Cumulative Per 1,000 People

Institution: SQ	CDCR	California	United States
795.4	403.7	86.3	83.9

Data Last Updated: Jul 8 2020 11:45AM

Confirmed

Confirmed Table View

Testing

Trended

Trended Table View

Institution View

Definitions

Version History

Primary Driver of Increased Cases in Marin

Population

- Essential Workers, mainly LatinX
- Index case for household
- Household transmission
- High proportion of asymptomatic or mildly symptomatic

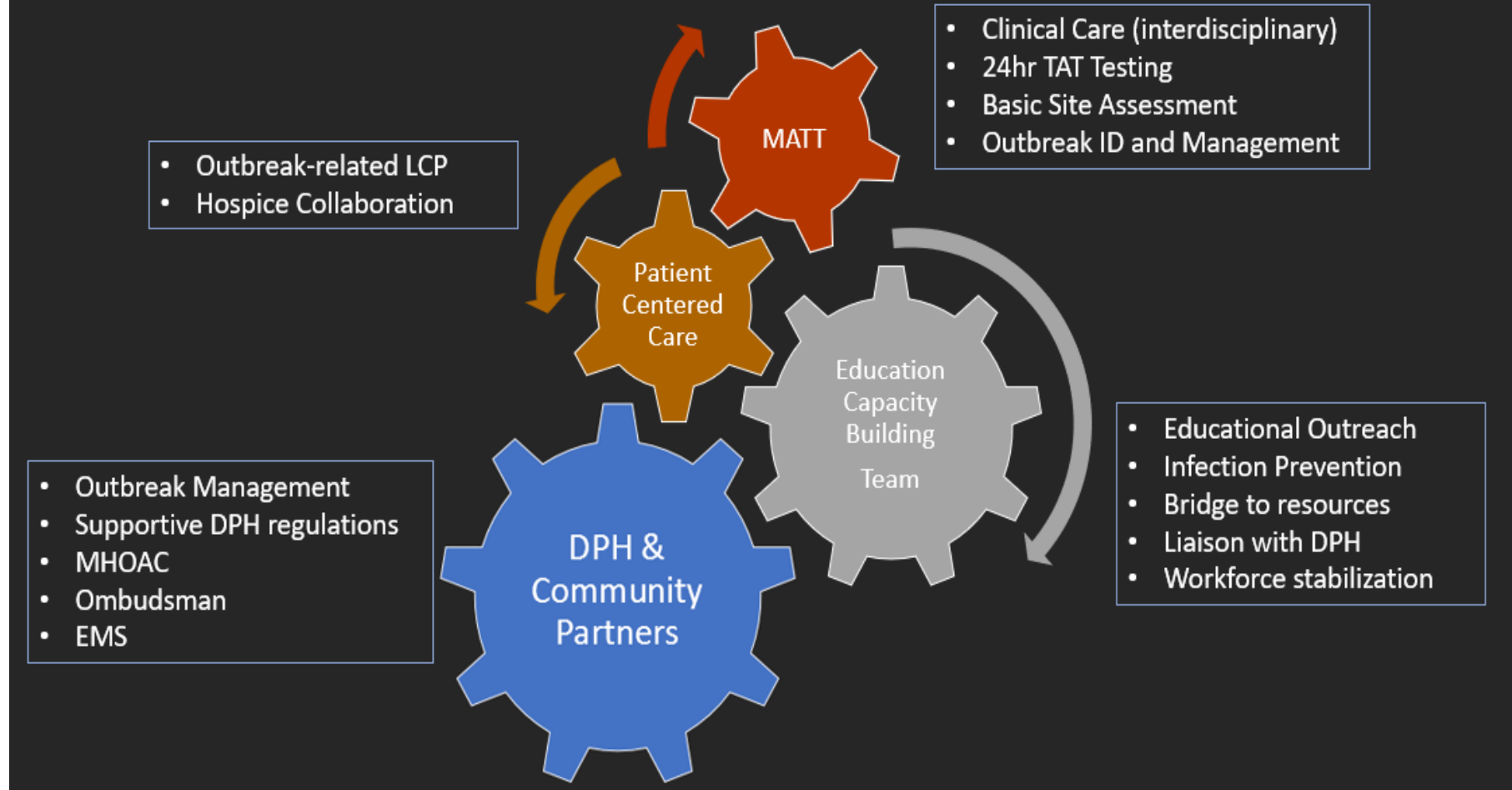
Strategy

- Partner with community based organizations
- Bilingual bicultural capacity
- Outreach to employers and community
- Aggressive testing, contact tracing, support for cases and their families
- Income support, housing, food, healthcare

Primary Driver of Mortality in Marin

- Population
 - SNF and RCFE residents
 - Congregate settings
 - Staff importation
 - Outbreak settings
 - Above age 70
- Strategy
 - Outreach and educations to all facilities
 - PPE, infection control, prevent visitors
 - Testing of all staff monthly
 - Aggressive on site intervention with one case
 - Testing all residents and staff

Innovative RCFE Human Centered Care



Age related risk

- Immune
 - T cell activity decreases with age
 - Antibody production to new virus
 - Inflammatory cytokines increased
- Chronic conditions
- Social
 - More likely to be isolated
 - More likely to be in congregate living setting

Aging specific recommendations

- Sheltering in place remains critical
- Remember the virus is transmitted through contact, usually indoors
- Engaging people outside of your household is “informed consent”
- Know whether those you interact with have also been sheltering
- Remain in contact with your medical provider
- Make your needs known
- Engage socially with technology
- If you develop symptoms contact medical provider

Our challenge

- How do we safely continue to re-open, knowing the virus is part of our environment?
 - Carefully
 - Together
 - Optimize self measures
 - Shelter at home
 - Recognize and mitigate risk
 - Follow the data
 - Adaptive and flexible
 - Rethink assumptions of how things are done

Thank you

