



COVID-19 UPDATES

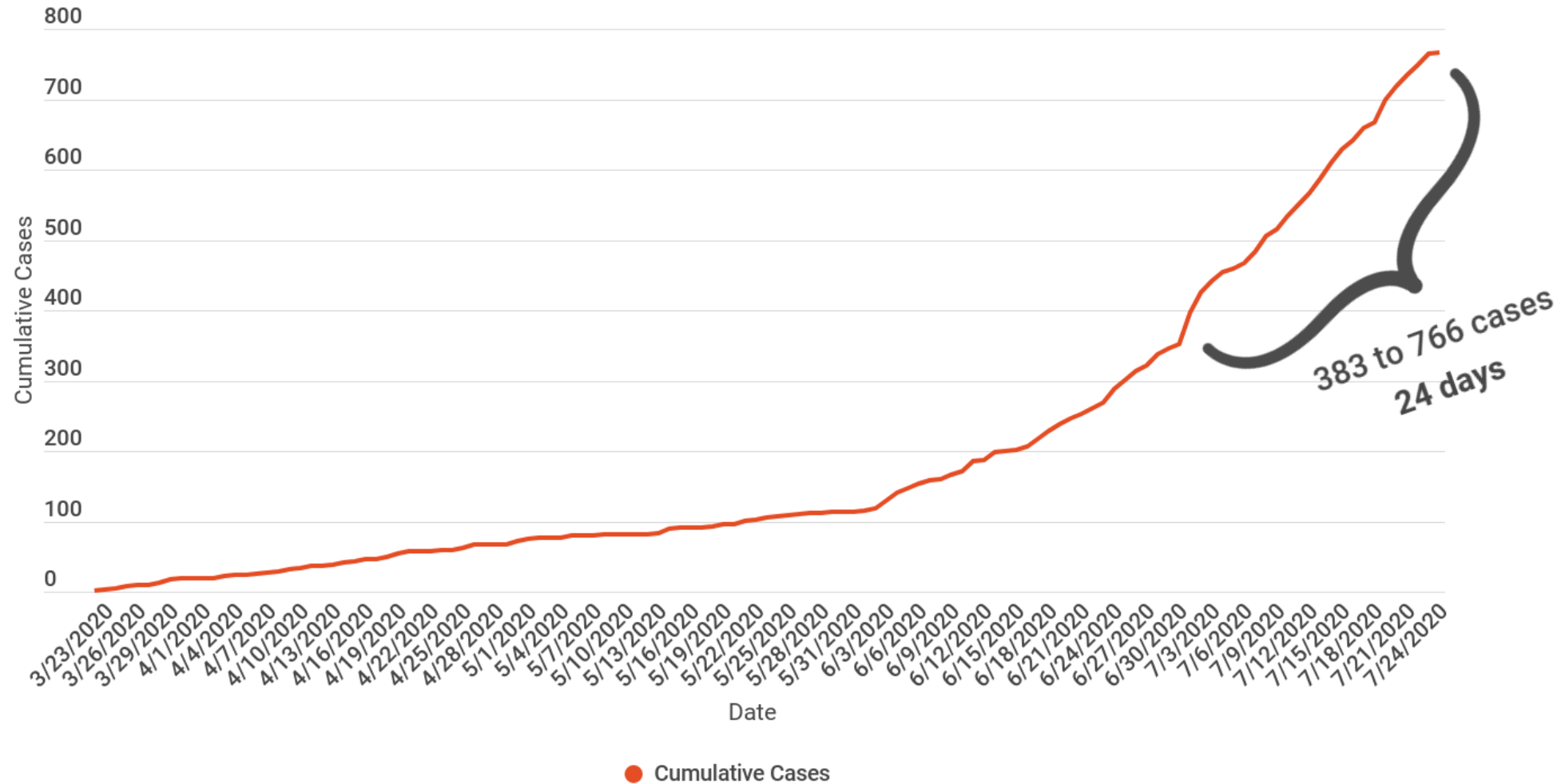
July 28, 2020

Karen Relucio, MD
Public Health Officer
Deputy Director of HHSA

COVID-19 DOUBLING TIME



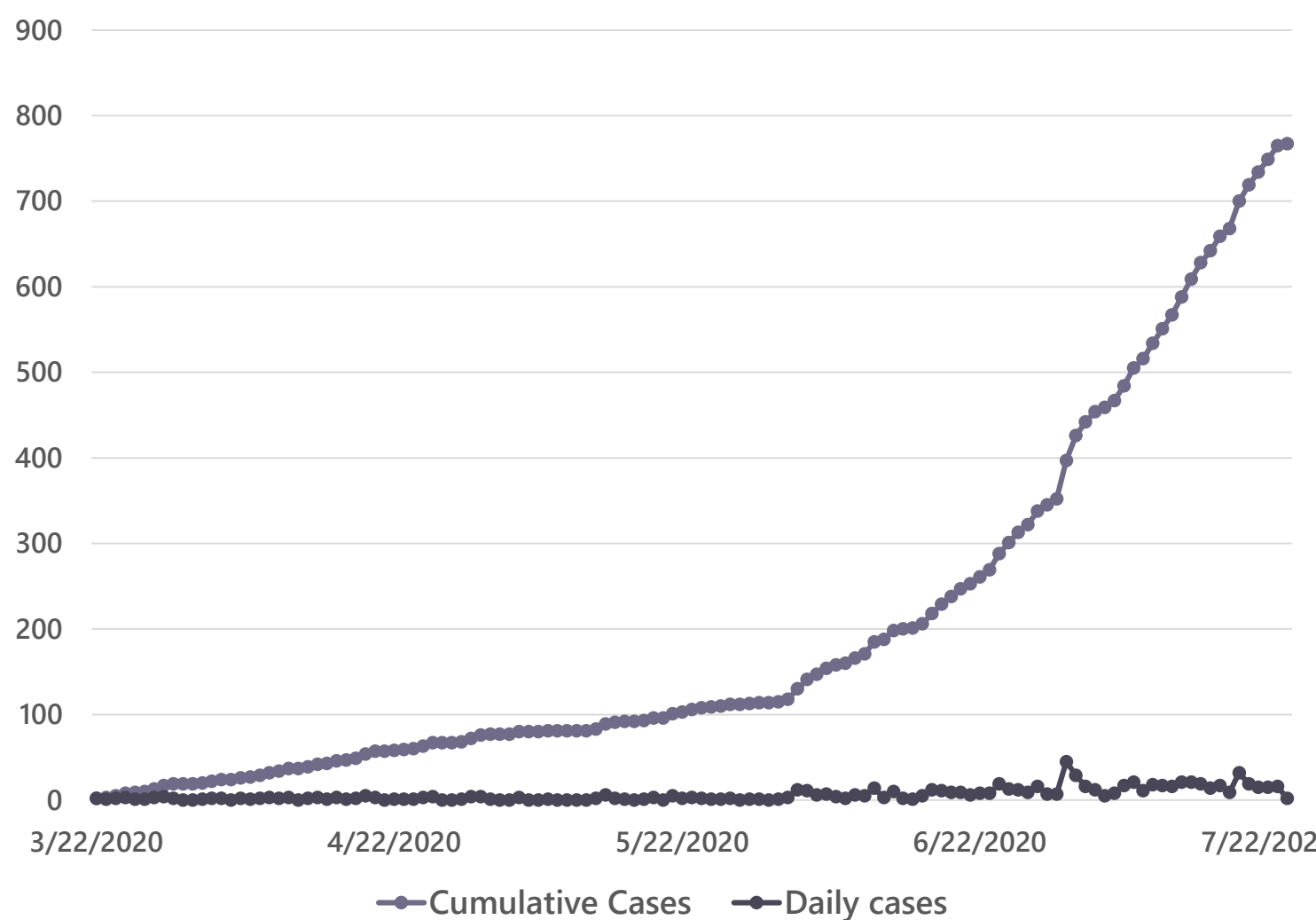
COVID-19 Cumulative Cases



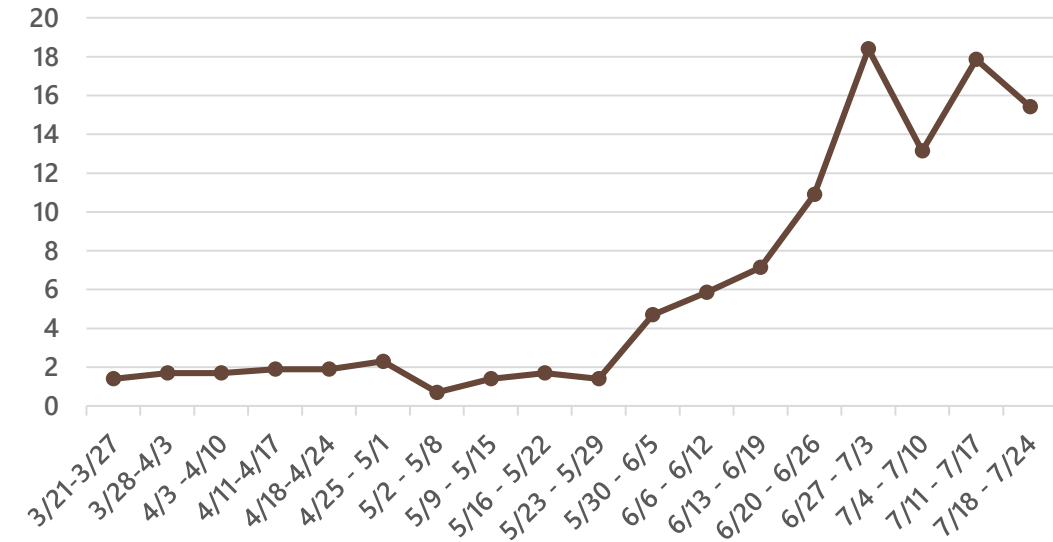
CASE COUNT CURVE



Number of COVID-19 Cases



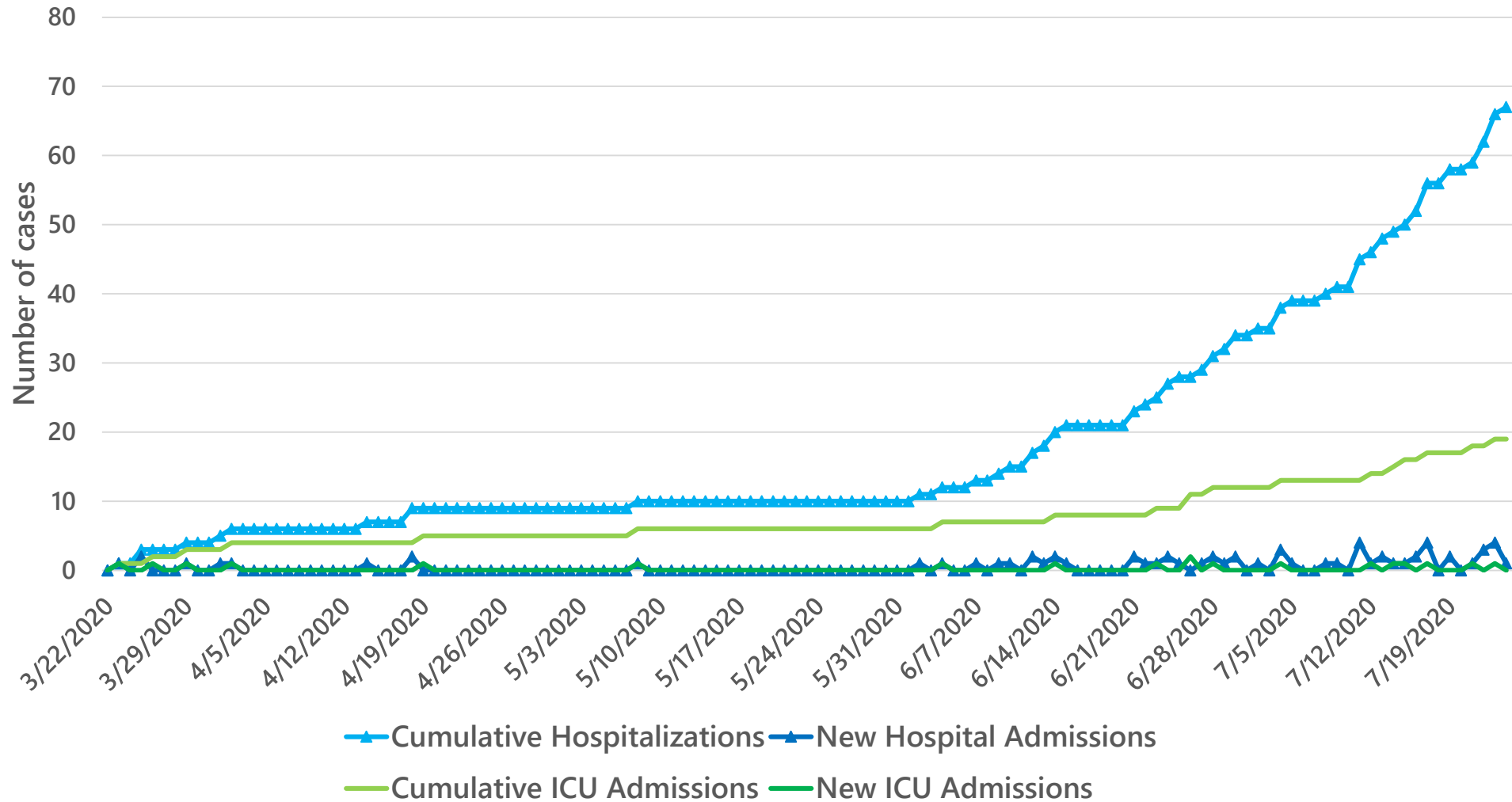
Average Daily Cases by Operational Period



HOSPITALIZATIONS AND ICU ADMISSION TRENDS



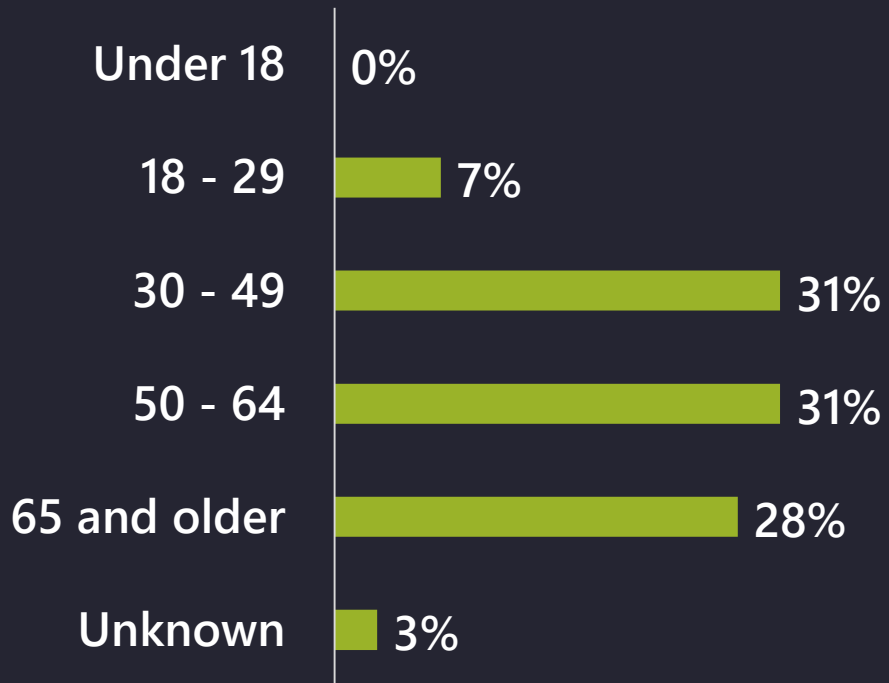
Number of Hospitalizations and ICU Admissions for COVID-19



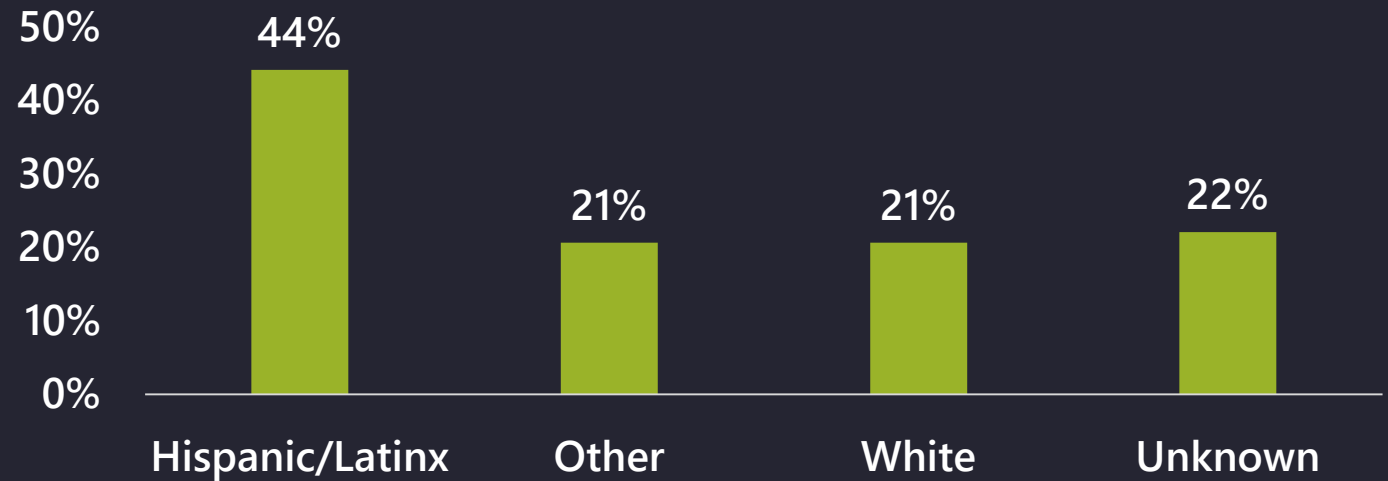
COVID-19 HOSPITALIZATION DEMOGRAPHICS



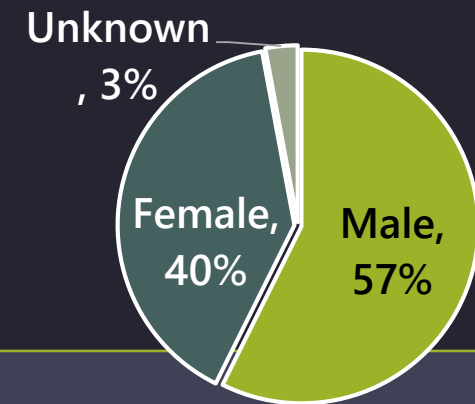
Age
Average=55 years



Race/Ethnicity



Sex



Total hospitalizations=68

Unknown includes cases still under investigation or declined to answer.

DEATHS



- Eight Napa County residents have died of COVID-19 since March.
 - March, April, May and June had 1 death each
 - July had 4 deaths
- Average age at death was 72 years (range 43 – 97 years)
- Five of the eight deaths were in women (62.5%)
- Race/ethnicity:
 - Four deaths (50%) were Hispanic/Latino
 - Two deaths (25%) were in non-Hispanic white
 - Two deaths (25%) were in Asians

OUTBREAKS



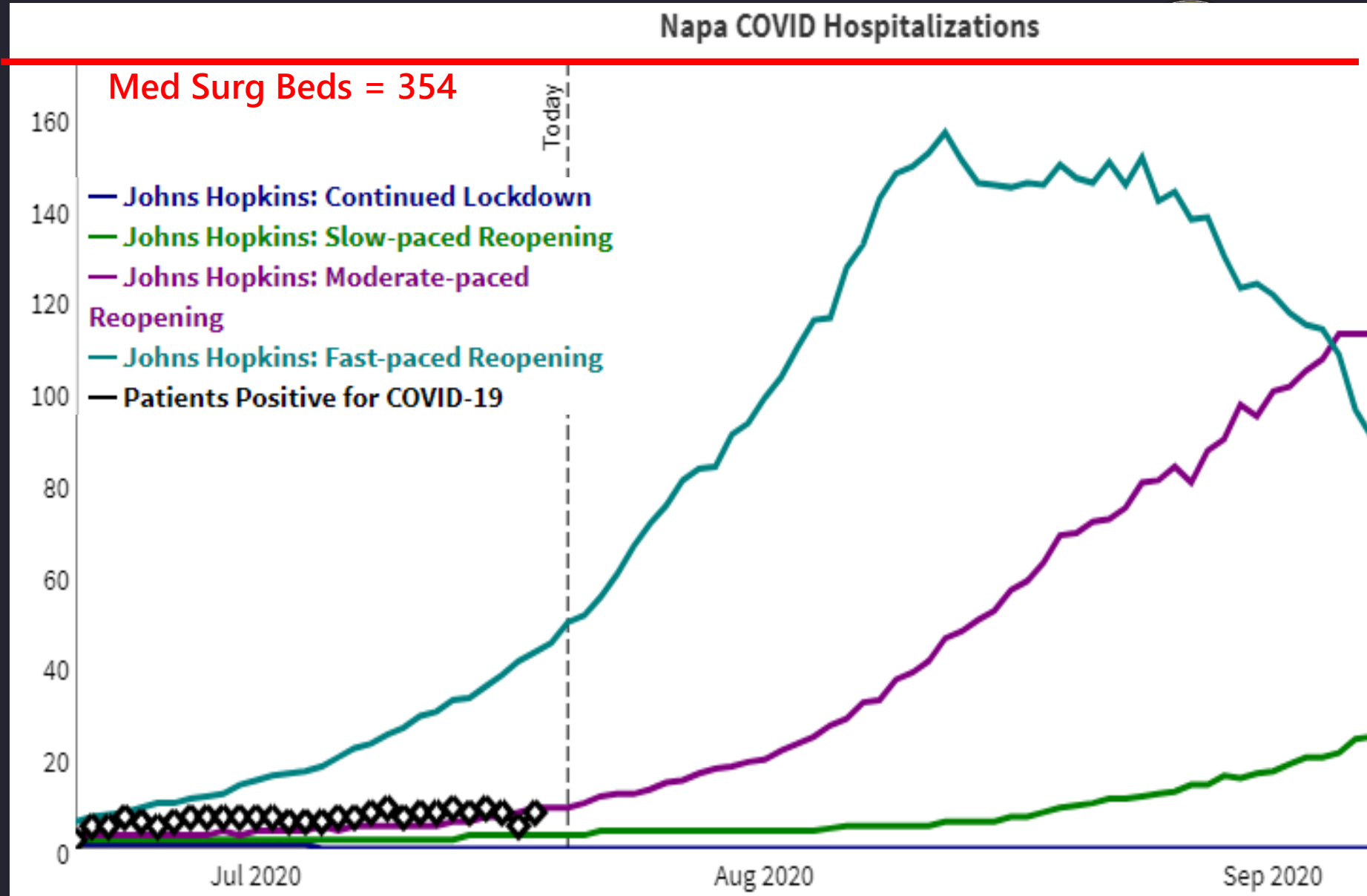
- Two state-run facilities
 - Vets Home: 3 staff, 1 resident (1 hospitalized, 1 death of staff)
 - Napa State: 18 staff, 2 residents across several intermediate care units
 - Napa Valley Care Center: 36 residents, 9 staff, 3 deaths (1 COVID, 2 other causes), 2 hospitalized
- 3 farmworker centers: One farmworker outbreak closed
 - Farmworker center #2: 31 positive, 24 negative
 - Farmworker center #3: 4 positive, 27 negative, 12 refused, 10 pending
- Winter shelter (1 resident)—all others tested negative
- Corrections/Juvenile Hall - 2 inmates, 3 staff

Scenario 1: Lockdown
0 hospitalizations

Scenario 2: Slow-paced Reopening
Peak in Sept
25 hospitalizations
0 deaths

Scenario 3: Moderate-paced Reopening
Peak in Sept
113 hospitalizations
32 deaths

Scenario 4: Fast-paced Reopening
Peak in mid-Aug
157 hospitalizations
85 deaths

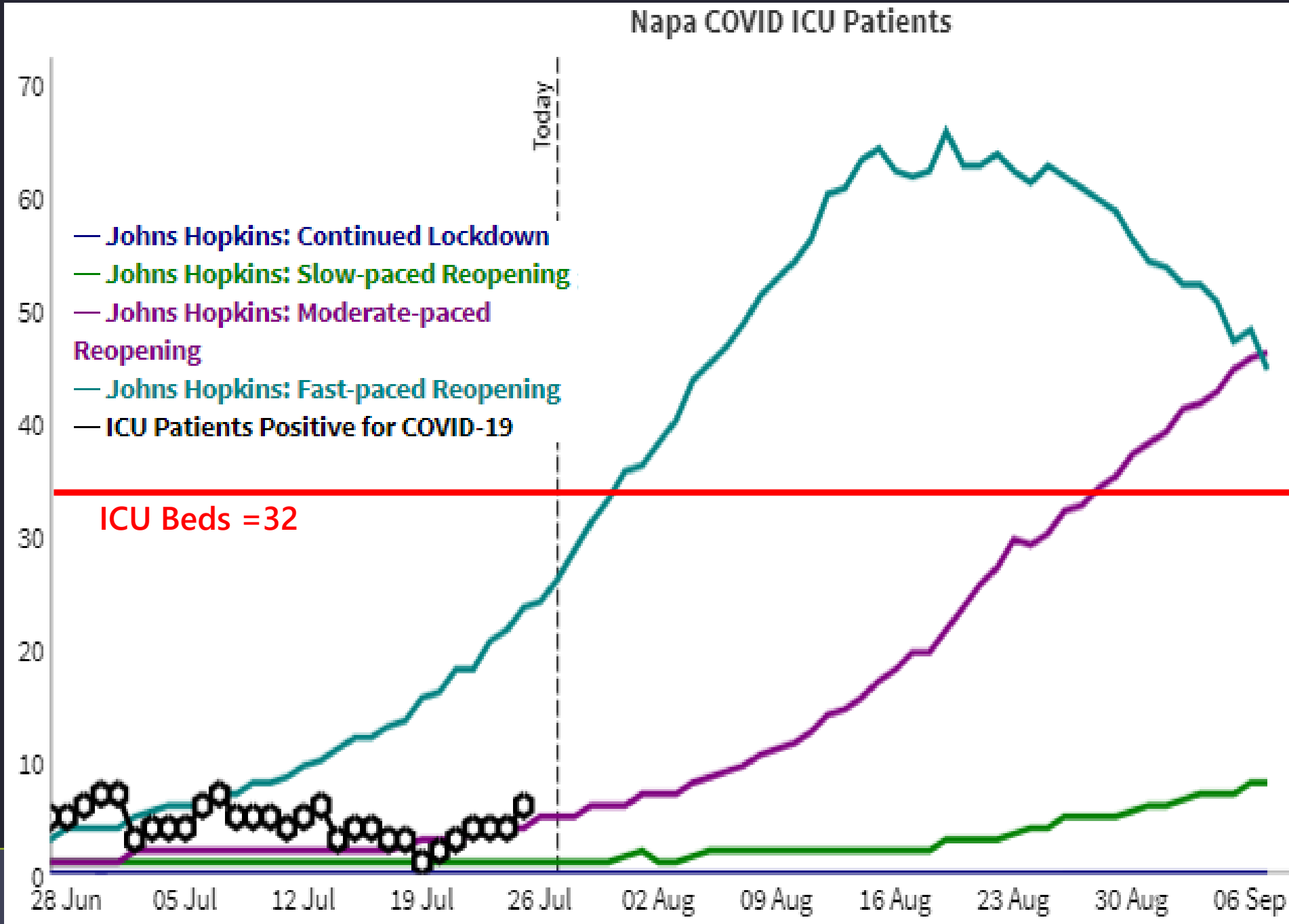


Scenario 1: Lockdown
0 in ICU

Scenario 2: Slow-paced Reopening
Peak in Sept
8 in ICU

Scenario 3: Moderate-paced Reopening
Peak in Sept
46 in ICU

Scenario 4: Fast-paced Reopening
Peak in mid-Aug
66 in ICU



TRIGGERS FOR TIGHTENING SAH



Indicator	7/17	7/24	Notify CDPH	Consider Tightening SAH
Average Daily Cases (overall)	5.3 cases	6.1 cases	3 cases	5 cases
Doubling time	21 days	24 days	17 days	11 days
Percentage of cases hospitalized	8.3%	8.7%	25%	40%
Percentage of cases in ICU	2.7%	2.5%	15%	25%
Percentage of cases aged >65	9.7%	10.1%	17%	21%
Mortality Rate	1.1%	1.0%	7%	10%
Percentage of positive tests	2.2%	2.5%	5%	8%
PPE supply ^[1]	>30 days	>30 days	<21 days	<14 days
Percentage of cases ventilated	1.0%	0.8%	7%	10%
Hospital Census	50% capacity	50% capacity	75% capacity	90% capacity
Congregate outbreaks	8	7	1	2

Resilience Roadmap

Napa County COVID-19 Response

Last updated: 7/27/2020

Regional Stability

Status compared to last week	County	Case rate per 100,000 (14 days)*
↑	Lake	90.1
↓	Sonoma	149.5
↑	Napa	166.5
↑	Yolo	214.5
↑	Solano	242.4

Epidemiological Stability

Metric: Overall positive test rate for past 7 days



Metric: Case doubling time



Metric: Percent of cases aged 65 and older



Metric: Outbreaks

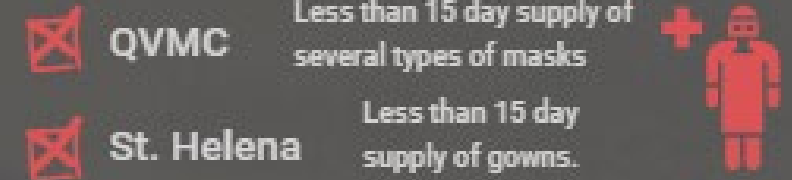


Hospital Capacity

Metric: Bed and medical device availability



Metric: Greater than 14 day supply of PPE



Vulnerable Population Stability

Metric: % of SNFs with no cases in the last 14 days



Metric: % of SNFs with more than 14 days PPE



Disease Severity

Metric: Hospitalizations*



8.7% Cases were hospitalized

2.5% Cases were in ICU

Metric: Deaths

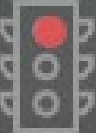

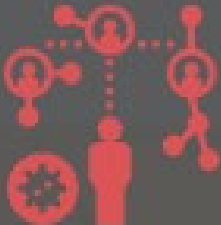


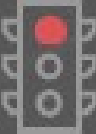

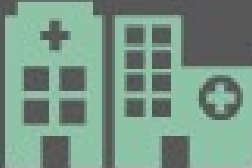


1.0% Cases died

*The case rate may differ from CDPH data monitoring program due to a lag in the state reporting and different methodology is for identifying cases by date.

*Previous week's data may change due to a lag in reporting.

CDPH Monitoring Program: Data Indicators

Elevated Transmission	 <p>Case rate (per 100,000) less than 100 OR</p>  <p>Case rate (per 100,000) less than 25 AND testing positivity less than 8% in the last 14 days</p> 
Increasing Hospitalization	 <p>Average number of COVID-19 patients hospitalized over the past 3 days is less than 20</p> 
Limited Hospital Capacity	 <p>Greater than 20% of ICU staffed beds are available OR</p>  <p>Greater than 25% of ventilators are available</p> 

Napa County has been on the CDPH COVID-19 Data Monitoring project targeted engagement phase primarily for having a case rate greater than 100 per 100,000 population (last 14 days) since July 5th.

Please note: There is a lag in CDPH reporting. The complete report can be found on the California Department of Public Health website:

COVID-19 County Monitoring Overview

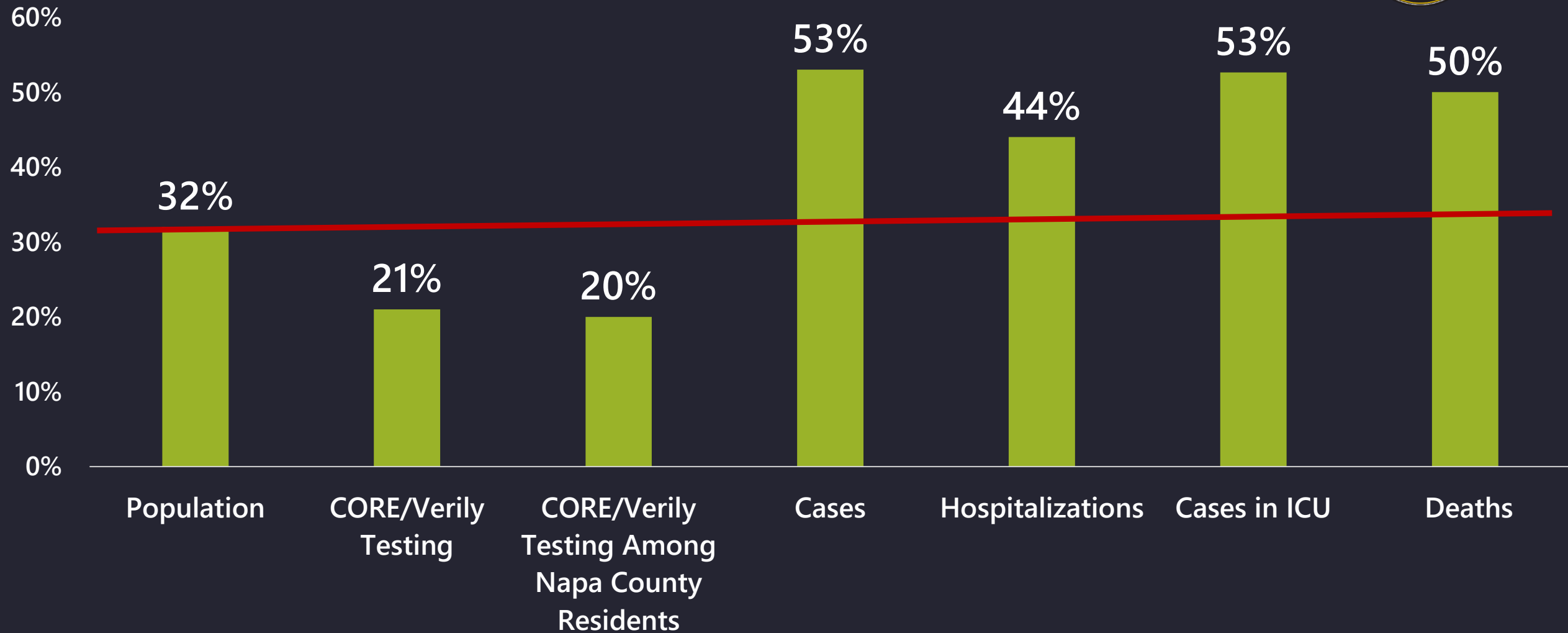
<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID->

STATE ADDRESSING COVID-19 HEALTH DISPARITIES

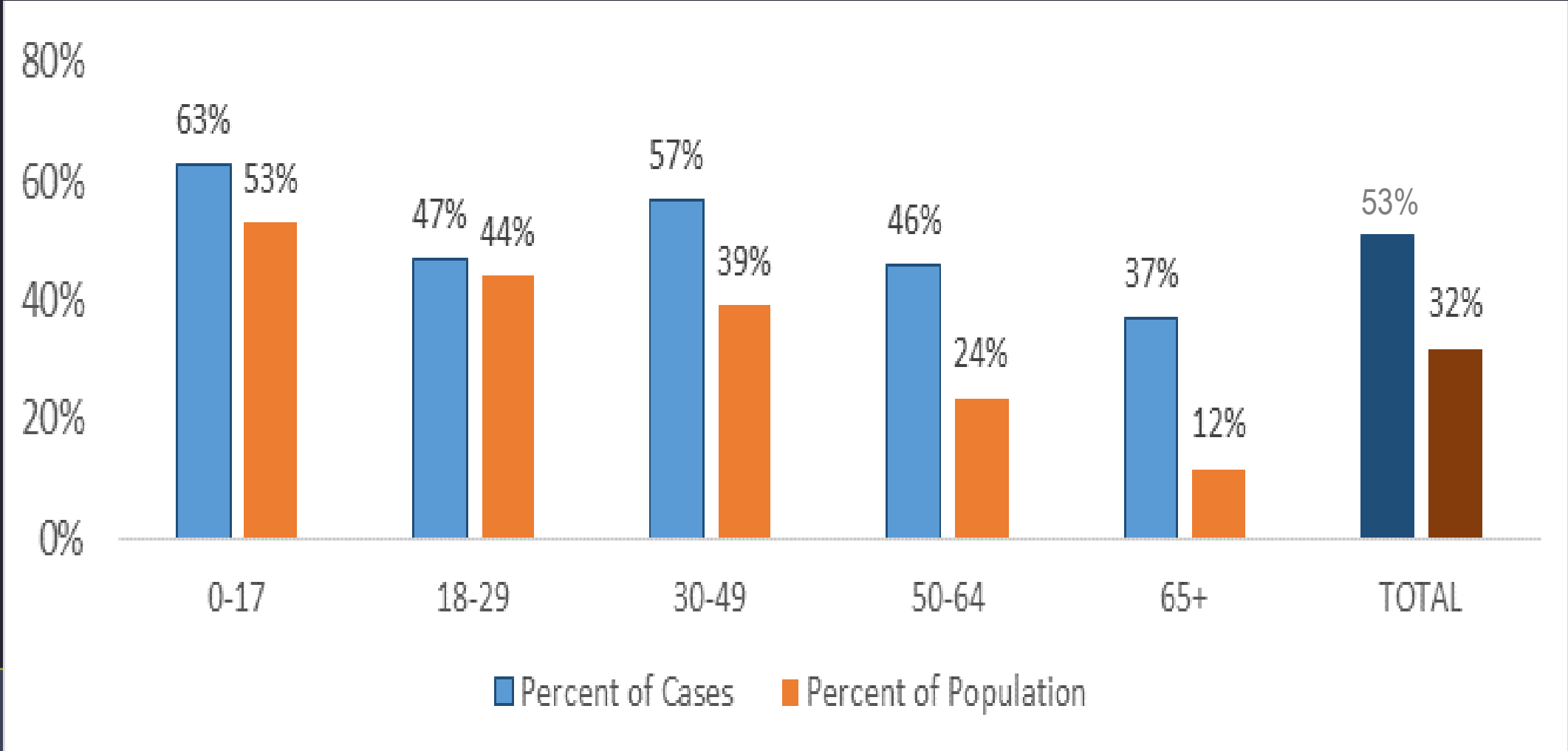


- Essential worker protections and safe reopening guidance (employer playbook):
 - <https://files.covid19.ca.gov/pdf/employer-playbook-for-safe-reopening--en.pdf>
- Protection of agricultural workers- Housing for the Harvest (Central Valley):
 - <https://covid19.ca.gov/housing-for-agricultural-workers/>
- Faster investigation and enforcement of companies that don't follow state guidance in protecting their employees
- Public awareness campaign, which promotes mask-wearing and other preventive actions, to employers and workers

SELECT INDICATORS OF THE COVID-19 PANDEMIC & THE HISPANIC/LATINX COMMUNITY, NAPA COUNTY



AGE CHARACTERISTICS AMONG HISPANIC/LATIN



LOCAL MEASURES TO ADDRESS HEALTH DISPARITIES



- Isolation and quarantine facilities – motel rooms and other facilities
- Cash aid and case management services to eligible low-income residents who are COVID-positive and required to go into quarantine and/or isolation
 - Community Foundation
 - On The Move
 - UpValley Family Centers
- Farmworker Foundation has developed essential COVID-19 safety protocols and resources in Spanish and English
- COAD Public Information & Outreach