



COVID-19 (SARS-CoV-2) UPDATES

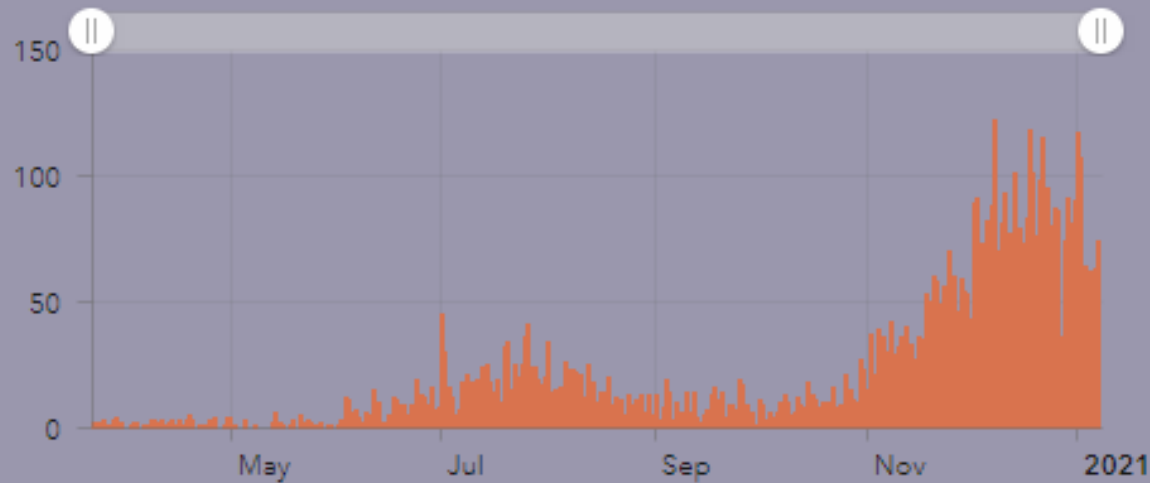
January 12, 2021

Karen Relucio, MD
Public Health Officer
Deputy Director of HHSA

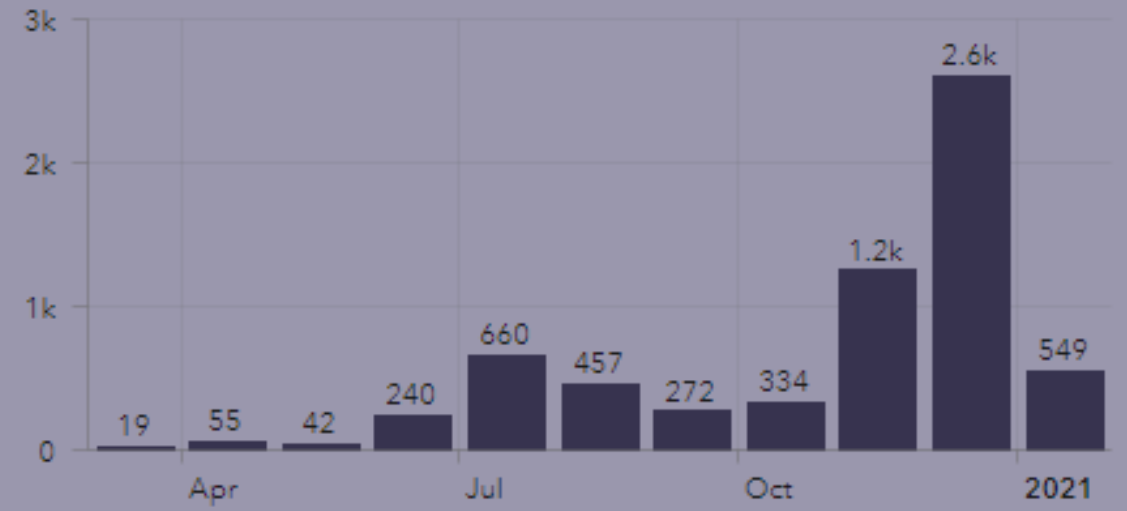
CASE TIME TRENDS



Daily Cases /
Casos Diarios



New Cases by Month /
Casos Nuevos por Mes

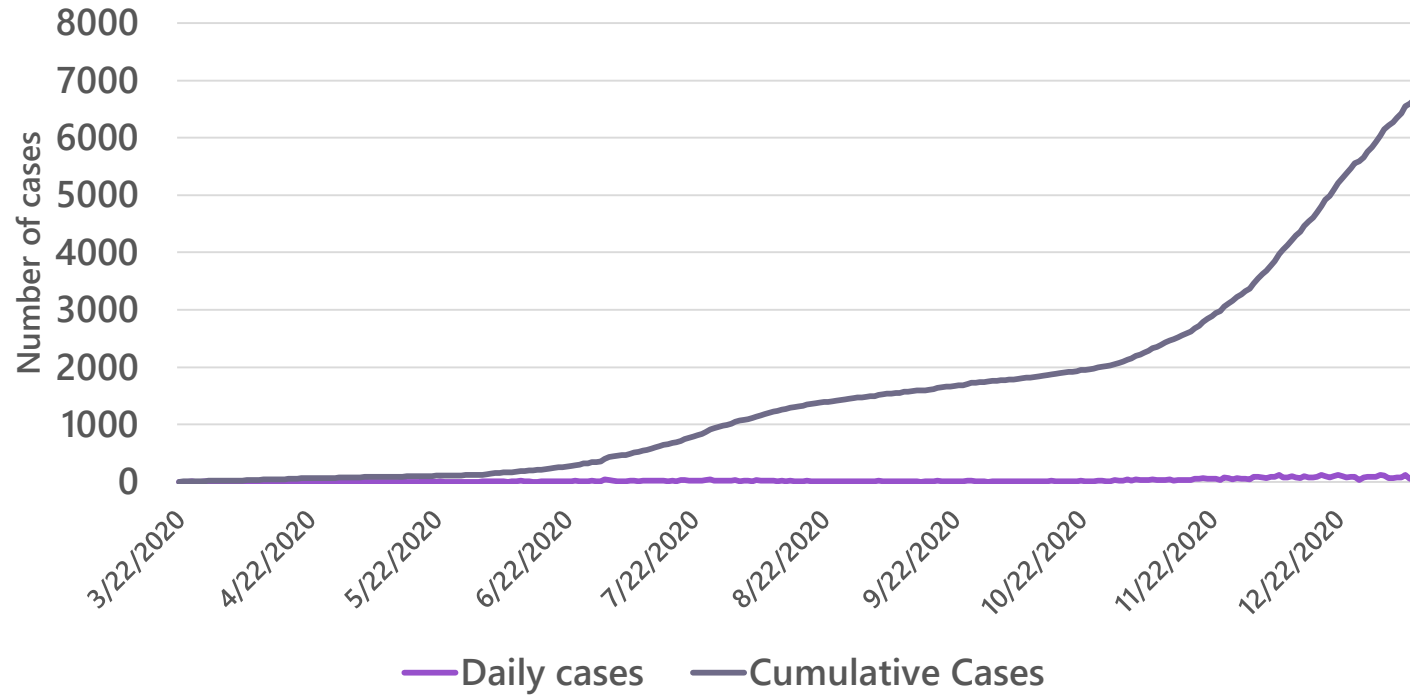


*Based on lab result date

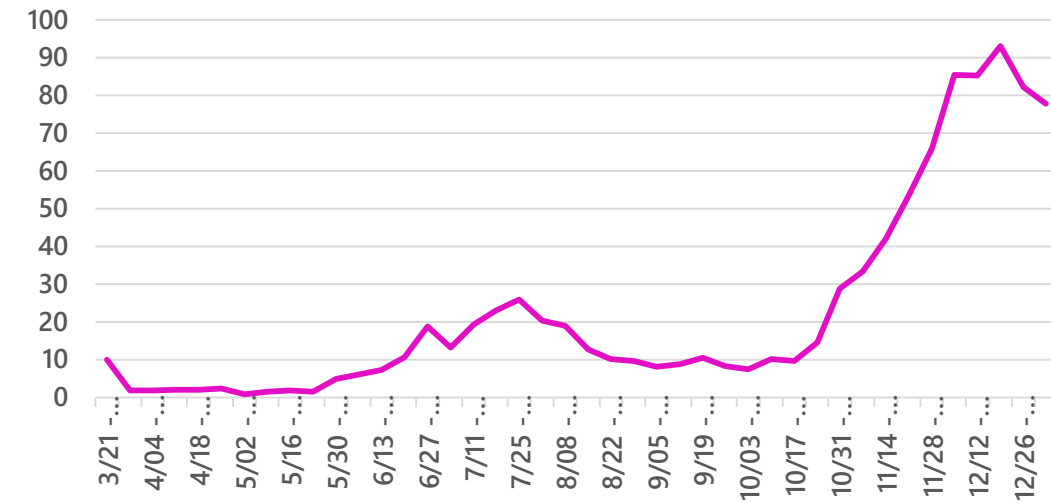
CASE COUNT CURVE



Daily Counts



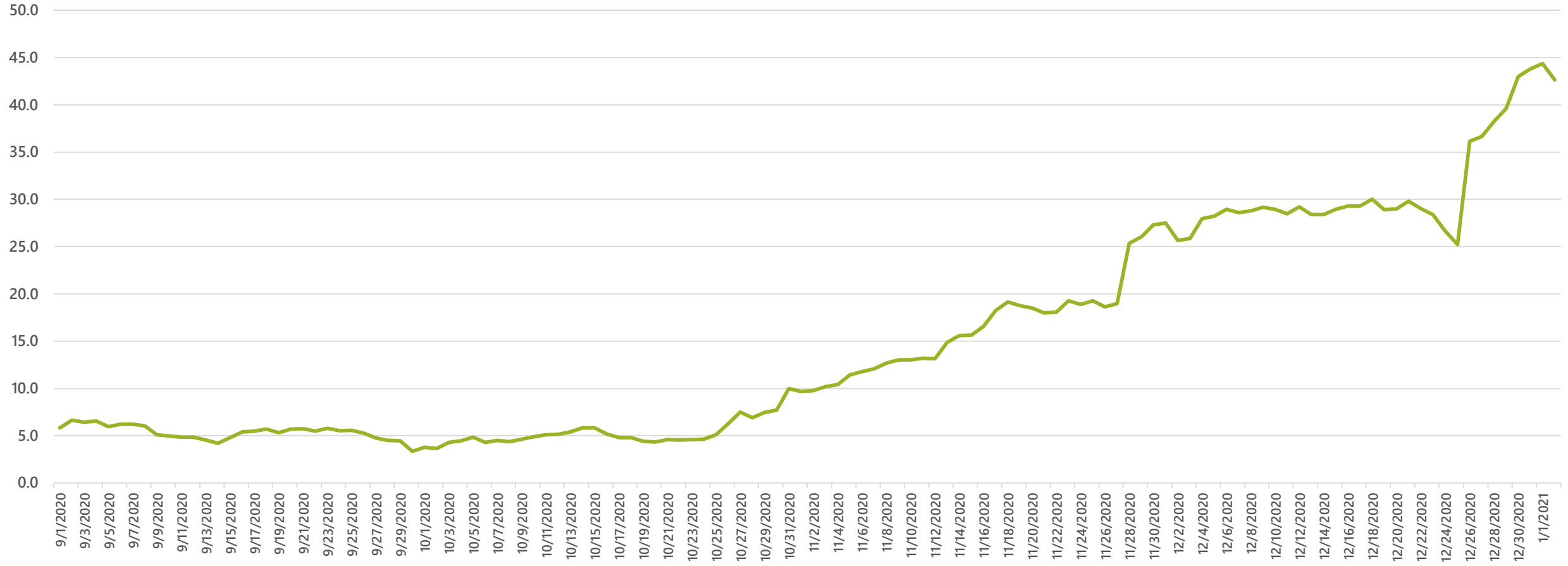
Average Daily Cases by Operational Period



CASE RATES



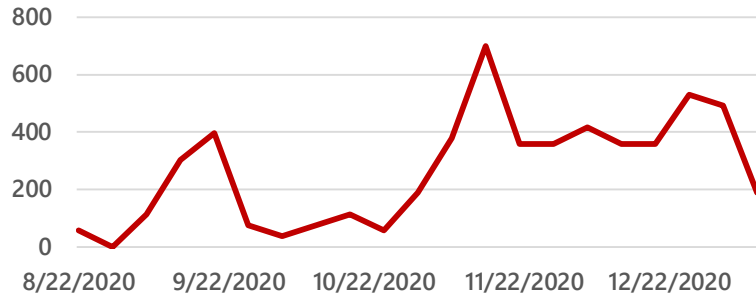
Adjusted Case Rate (per 100,000) per day (7 day lag)



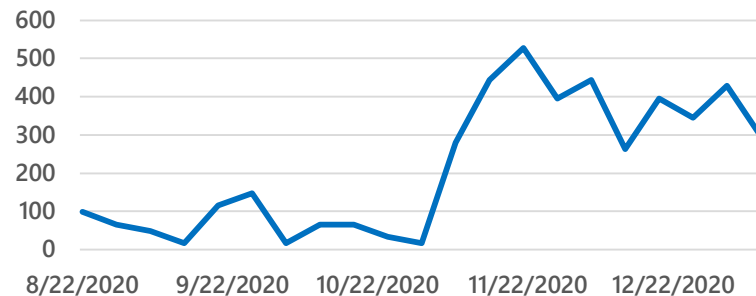
WEEKLY CASE RATE (PER 100,000) BY AREA



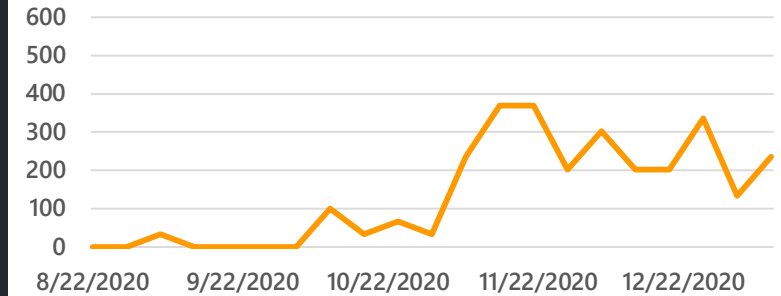
Calistoga Area
Population: 5,285



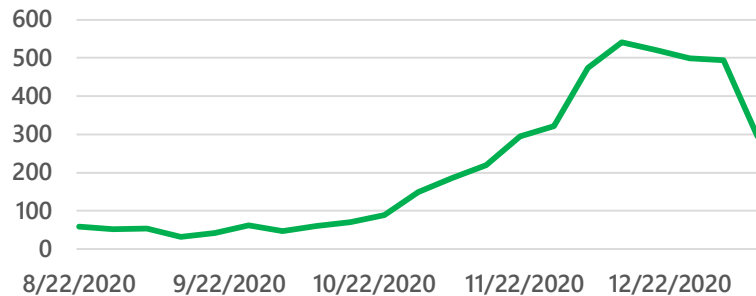
St. Helena Area
Population: 6,079



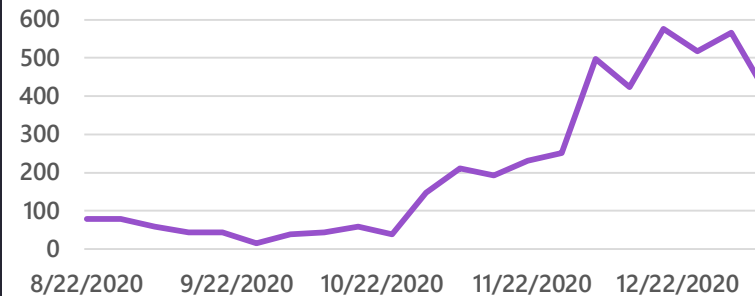
Yountville Area
Population: 2,982



Napa Area
Population: 79,516



American Canyon Area
Population: 20,306



*Rates are estimates based on city address

TEST POSITIVITY



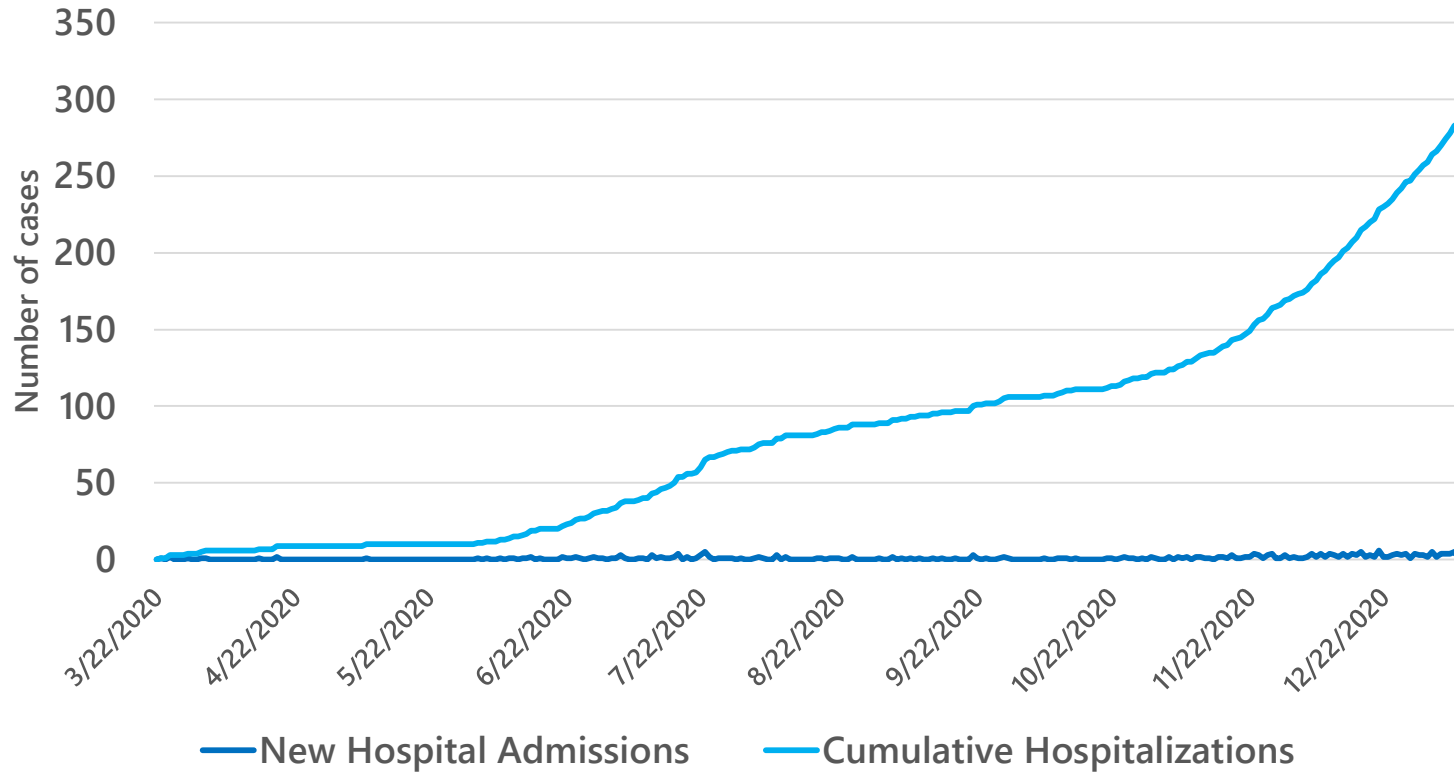
Test Positivity (7 day lag)



HOSPITALIZATION TRENDS



Daily Counts



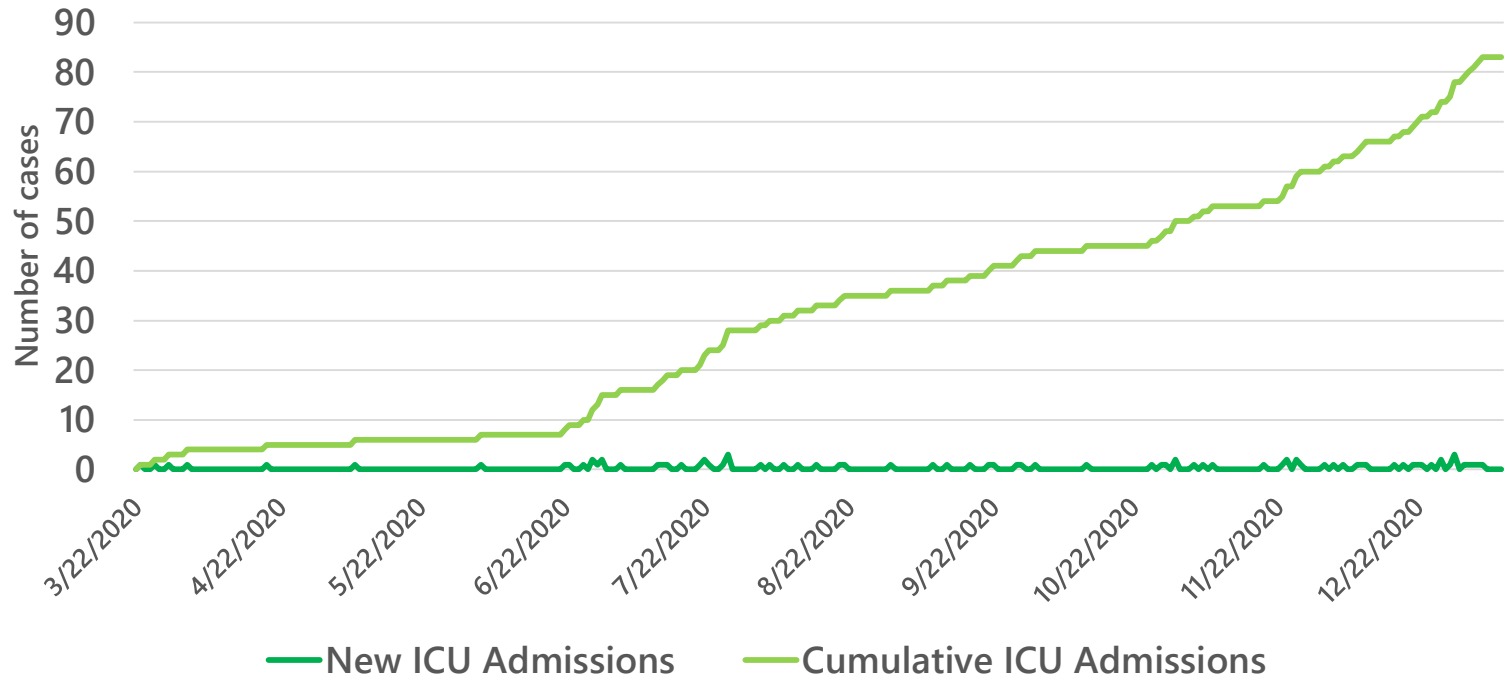
New Hospitalizations by Operational Period



ICU ADMISSION TRENDS



Daily Counts

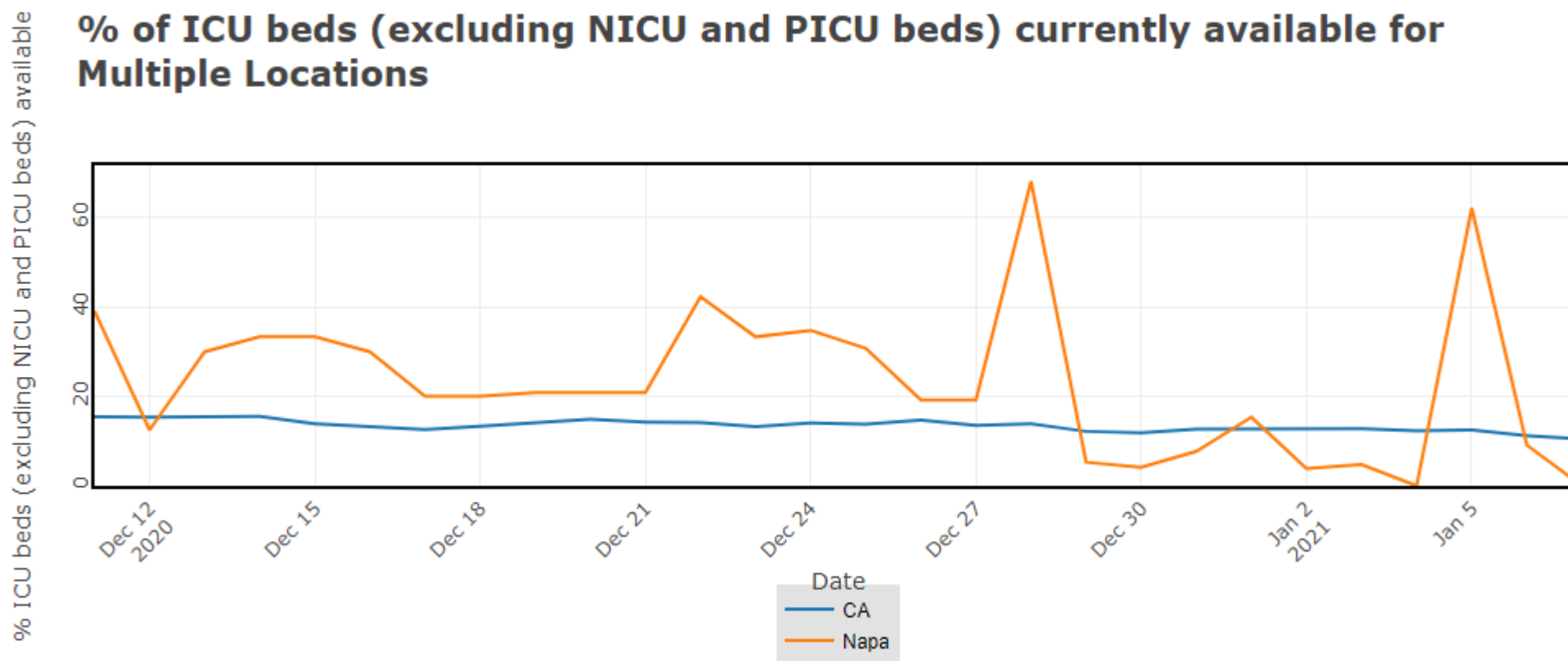


ICU Admissions by Operational Period





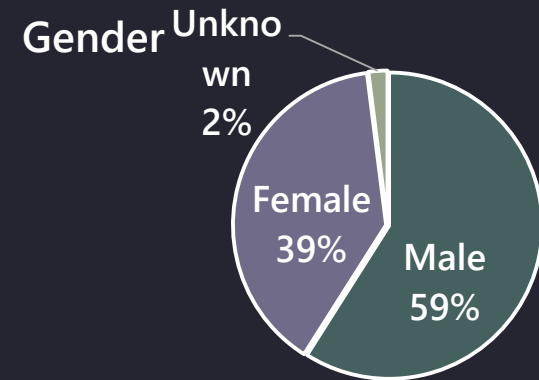
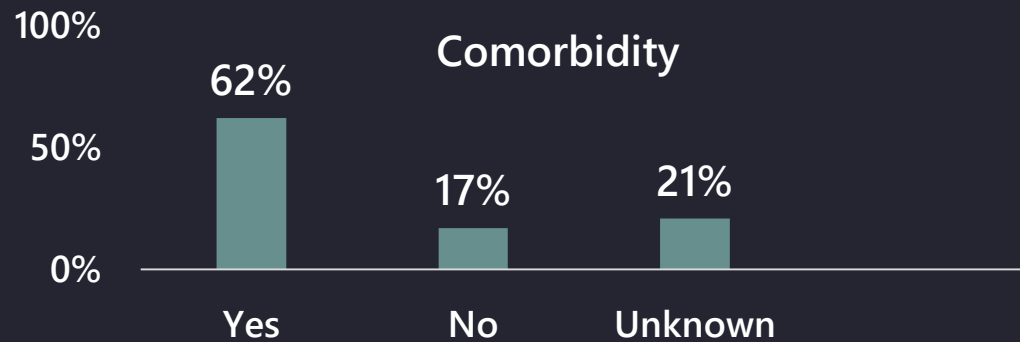
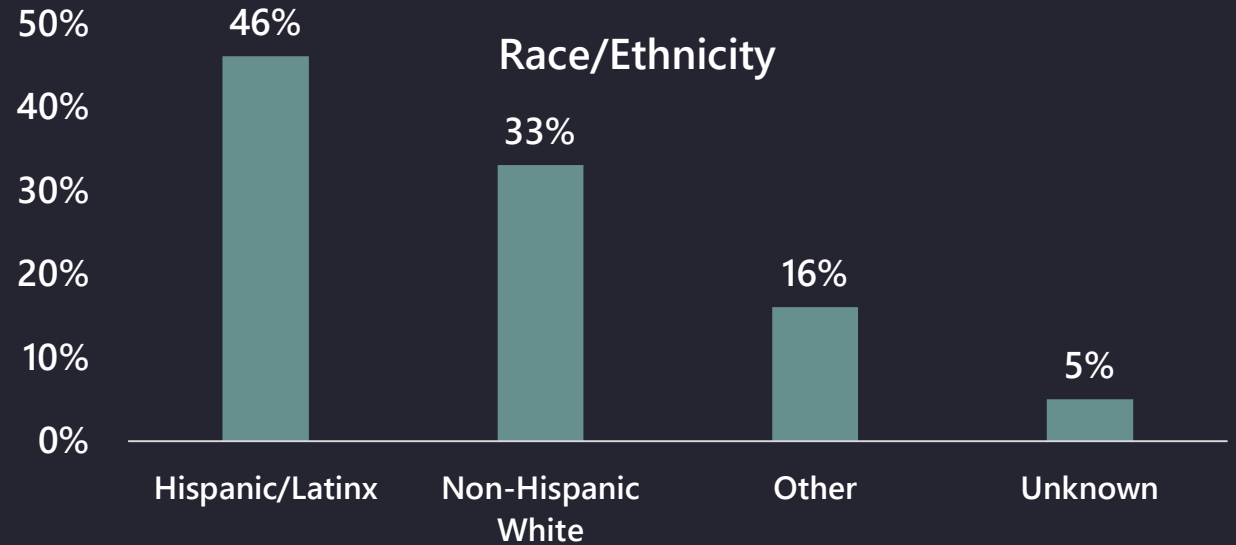
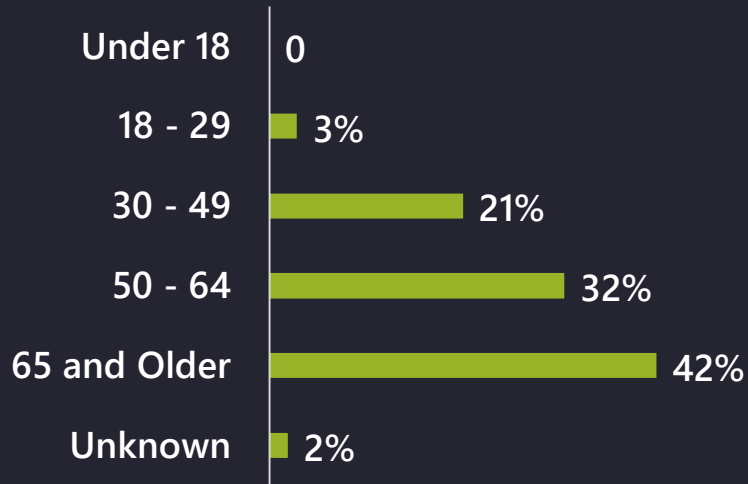
PERCENT OF ICU BEDS AVAILABLE



COVID-19 HOSPITALIZATION DEMOGRAPHICS



Age
Average=61 years



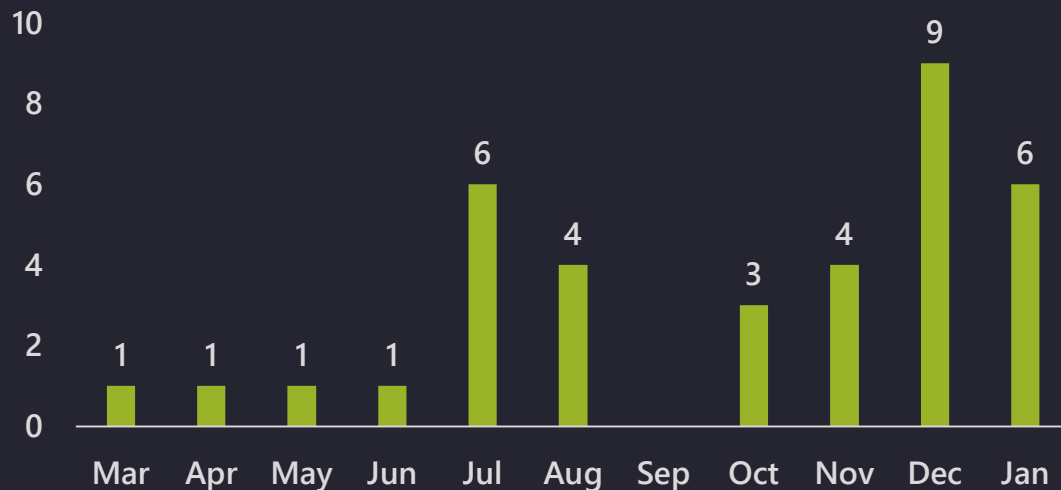
Unknown includes cases still under investigation.

Total hospitalizations=290



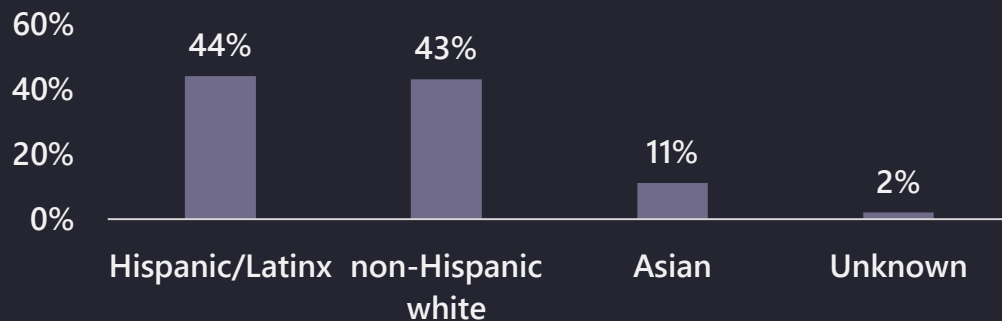
DEATHS

- 36 people have died of COVID-19 since March

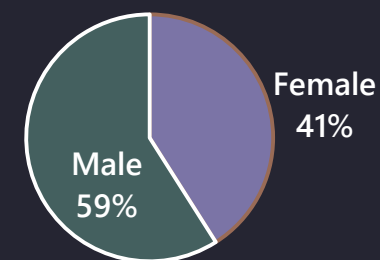


- Average age at death was 75 years (range 43 – 97 years)

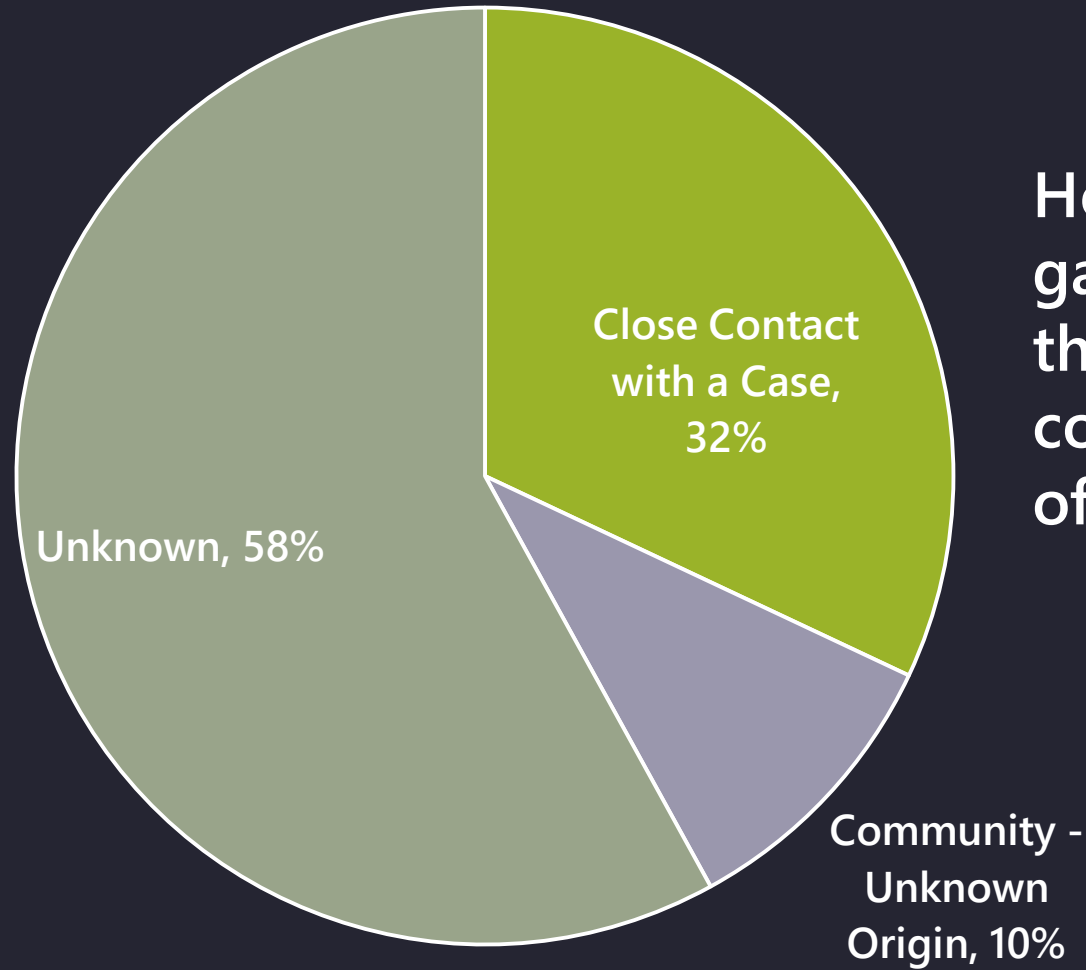
- Race/ethnicity



Gender



TYPES OF EXPOSURE – LAST TWO WEEKS



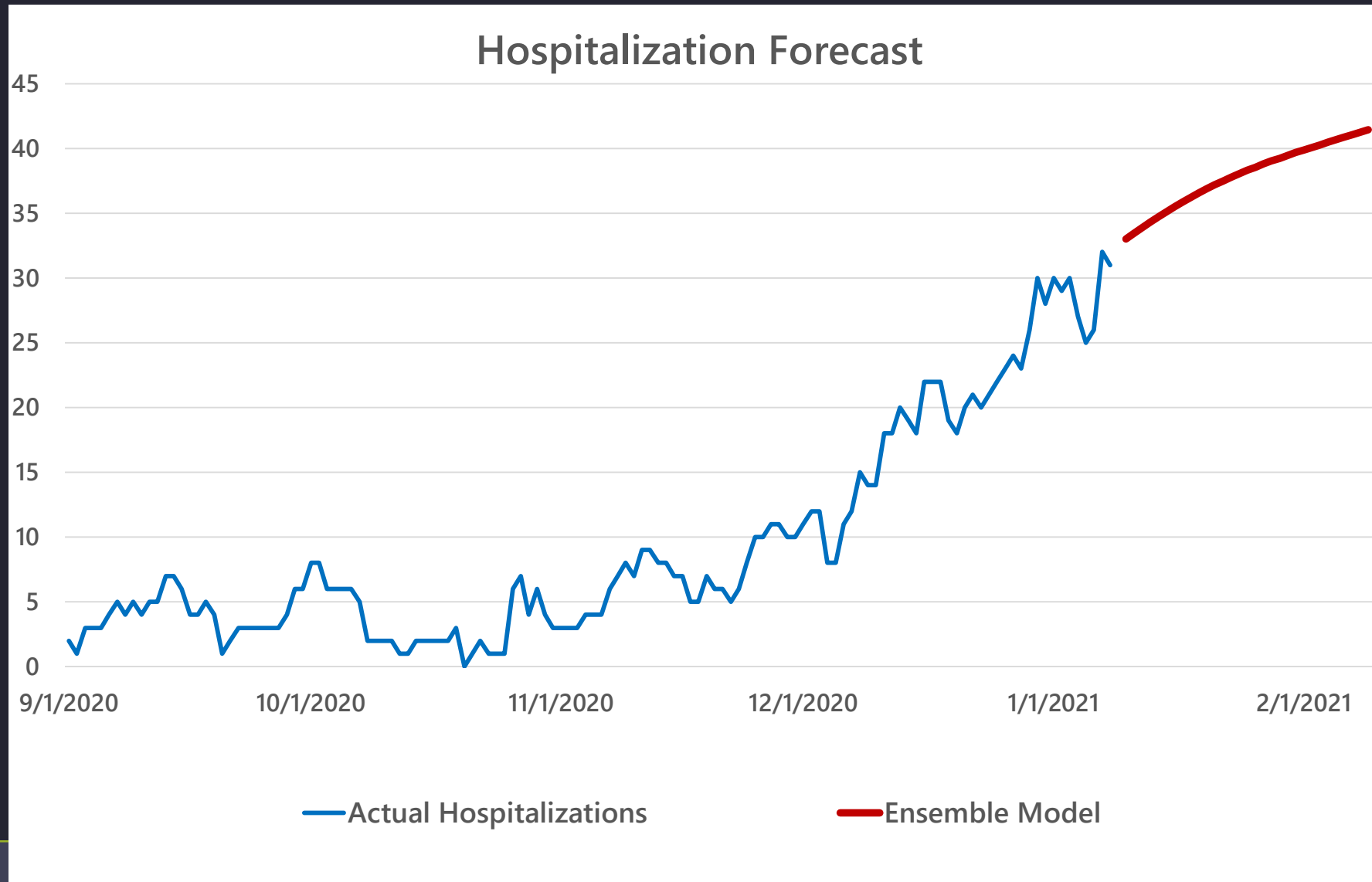
Household and gatherings were the most common type of contact

OUTBREAKS AND COHORT CLOSURES



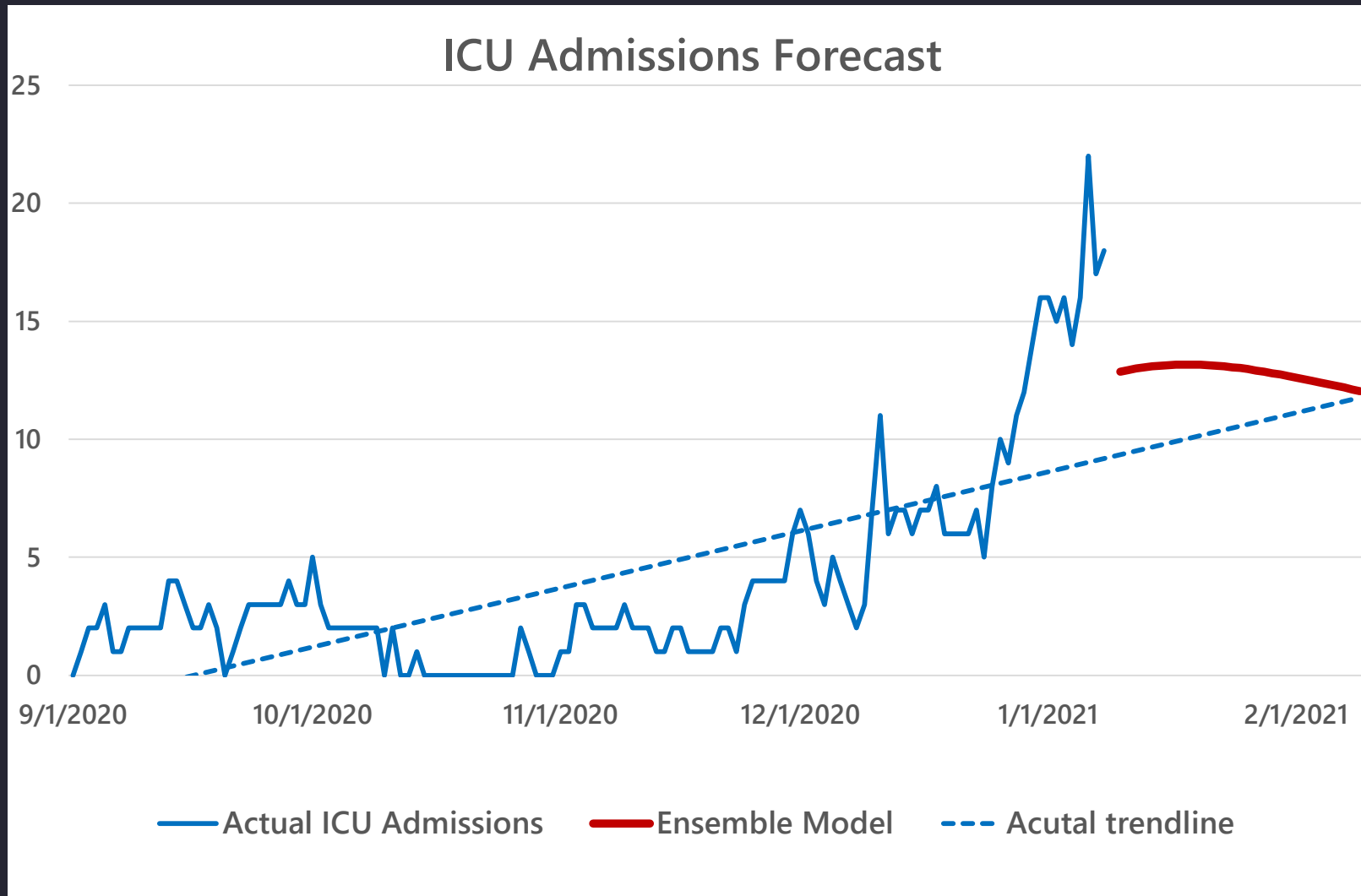
Congregate Facility	Staff	Residents	Projected End Date
Assisted Living	5	15	1/25/21
Senior Care	1	2	TBD
Skilled nursing facility 1	184	139	2/4/21
Skilled nursing facility 2	5	8	2/1/21
Skilled nursing facility 3	36	20	1/25/21
Skilled nursing facility 4	20	3	2/4/21
Skilled nursing facility 5	32	34	2/21/21
Memory care facility 1	18	7	2/4/21
Memory care facility 2	16	2	1/23/21
Corrections	2	11	1/15/21
School cohorts	Total	Closed	Reopened
	25	1	24

HOSPITAL SHORT-TERM FORECAST

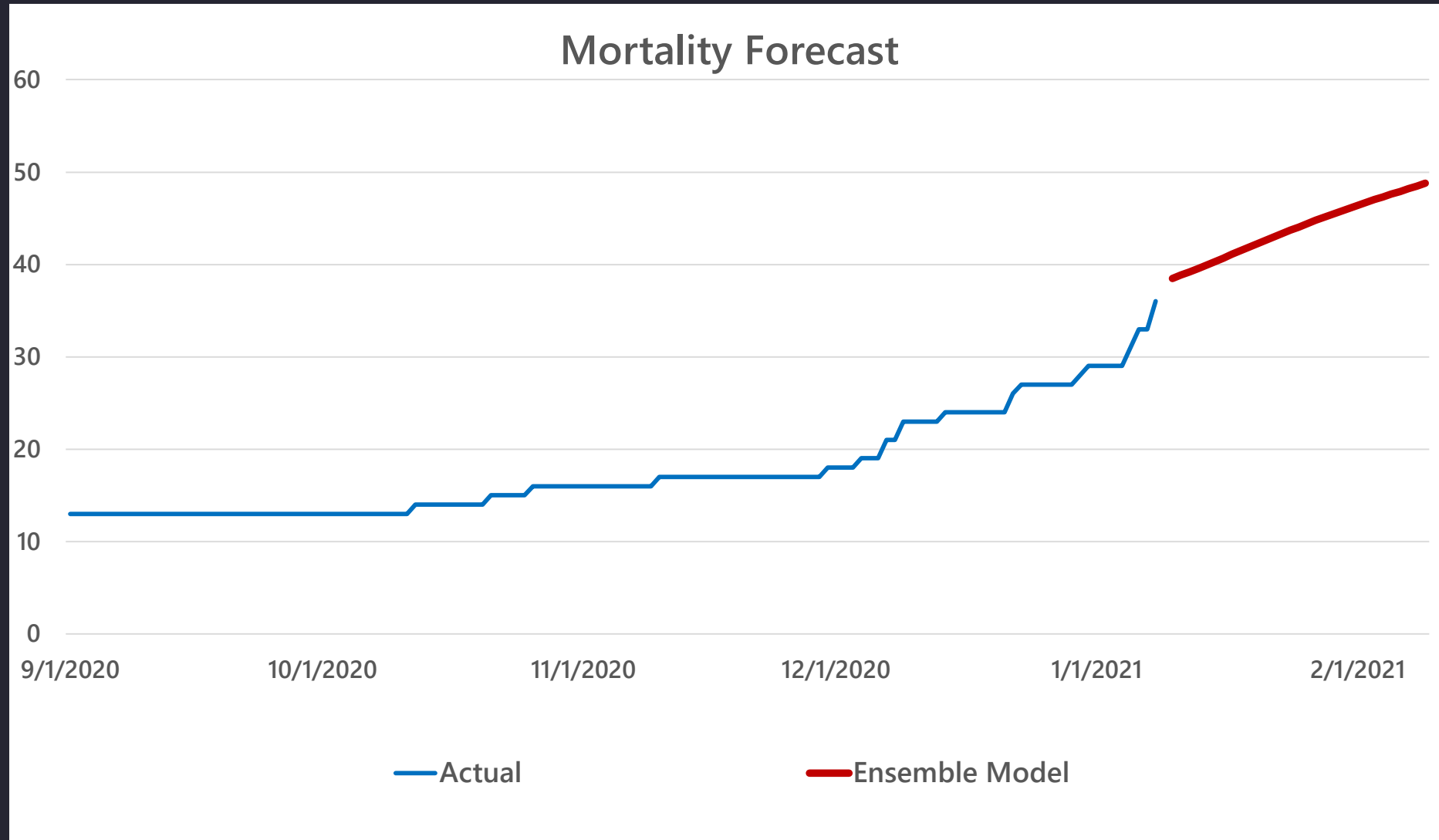


The ensemble forecast takes the median of all the forecasts available (e.g. COVID ActNow, John Hopkins, Stanford)

ICU SHORT-TERM FORECAST



MORTALITY SHORT-TERM FORECAST

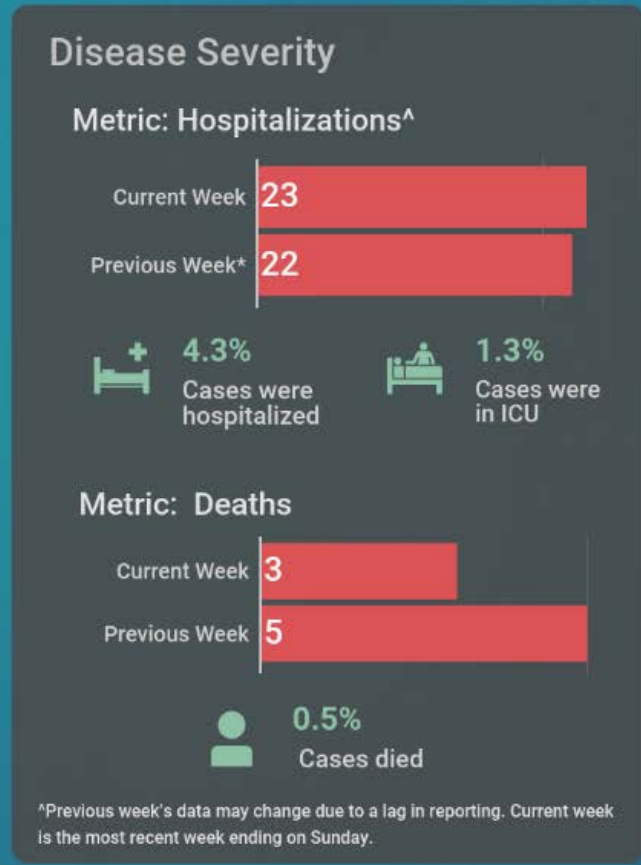
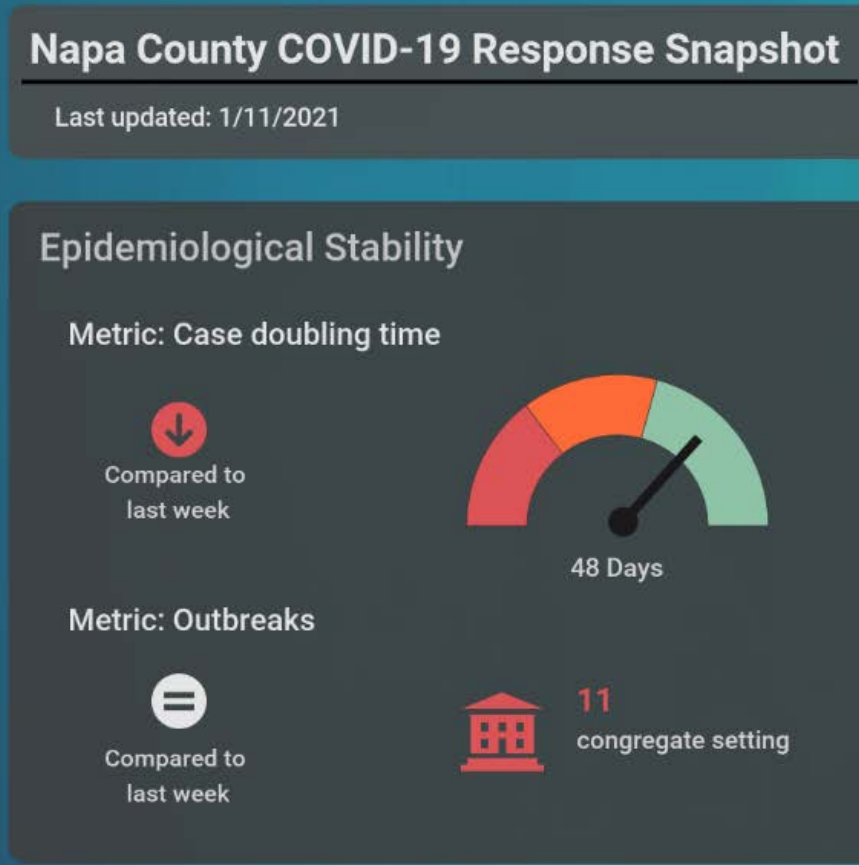


BLUEPRINT FOR A SAFER ECONOMY

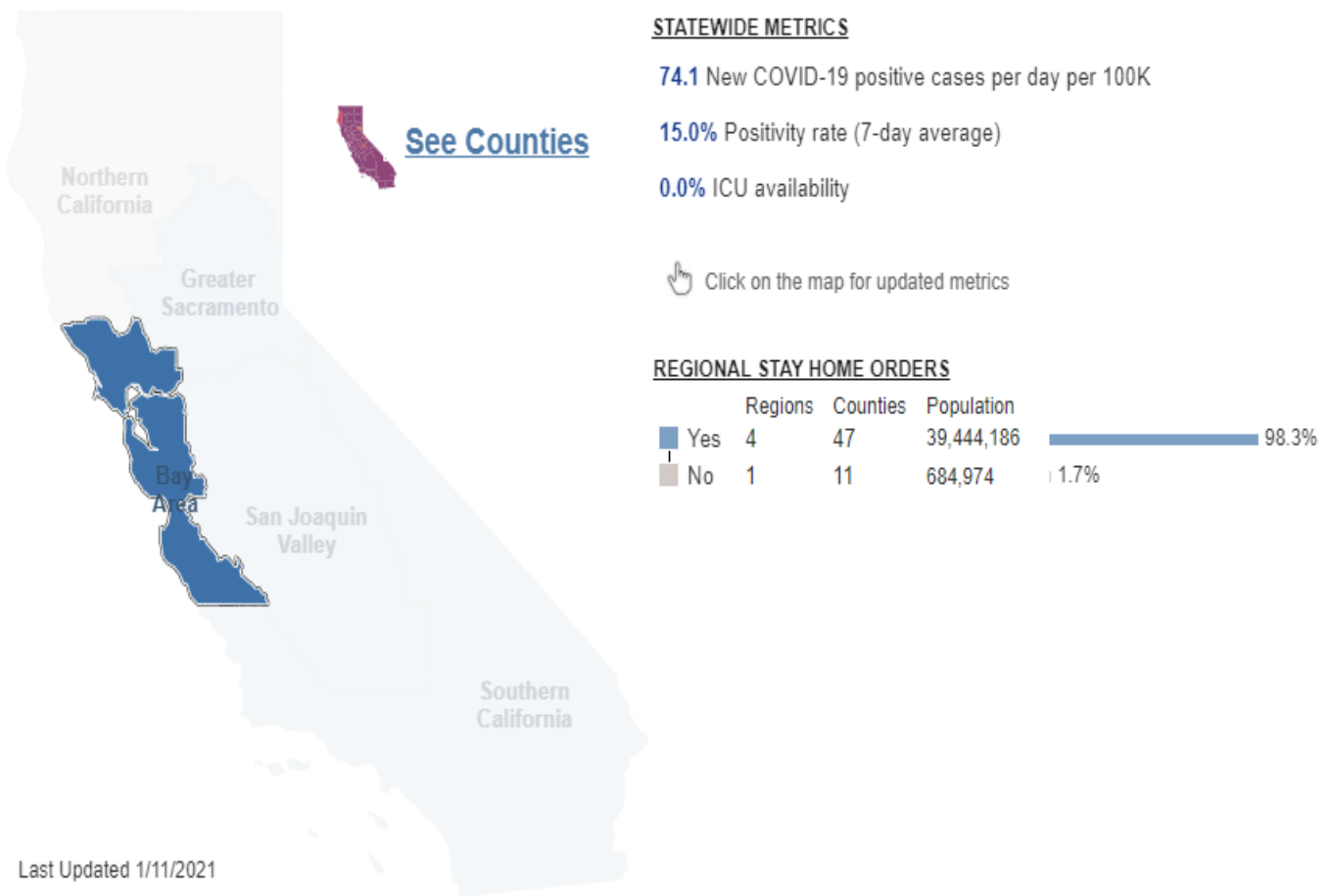


- Napa County is still in the purple tier

Measures	CDPH Estimates for Napa
New Cases per 100,000 population per day 7 day average	56.2
Adjusted New Cases per 100,000 population per day 7 day average	42.7
Testing positivity 7 day average	10.3%
Health equity testing positivity	14.6%



STATE'S REGIONAL STAY AT HOME ORDER



PERCENTAGE REGIONAL ICU AVAILABILITY AS OF 1/11/21

- Northern California 35%
- Bay Area 0.7%
- Greater Sacramento 9.7%
- San Joaquin Valley 0%
- Southern California 0%

*Napa ICU availability is 0%

CRISIS STANDARDS OF CARE



As demand increases so does risk to patients

Space- usual beds fully utilized

Staff- usual staff, including called in off duty

Supplies- Usual or cache/stockpiled

Level of Care- usual care

Conventional

Space- PACU or pre-op beds used. Singles conversion to doubles

Staff- Longer shifts, different staff configurations and supervision

Supplies- Conserve, adapt, substitute, re-use supplies

Level of Care- Functionally equivalent care, but may be delayed

Contingency

Space- Cot-based care, ICU- level care in stepdown or monitored units

Staff- Significant change in nursing and MD ratios, major changes in clinical responsibilities

Supplies- Rationing of select supplies and therapies

Standard of Care- Crisis care, may have to triage medical care and ventilators

Crisis

HOSPITAL SURGE STATE HEALTH OFFICER ORDER



- When a county is in a region under the Regional Stay at Home Order that has zero percent ICU availability (0%)
- The CDPH calculation of the ICU availability for that county is ten percent (10%) or less
- All hospitals and ambulatory surgery centers operating under the hospital license or hospital based clinic in the county shall delay Elective Surgery Acuity Scale (ESAS) Tier 1 and 2 surgical procedures for at least as long as this Order remains effective in the county.

COVID VACCINATION UPDATES



Vaccinate ALL 58
Together we can end the pandemic.



COVID-19 VACCINATION UPDATE

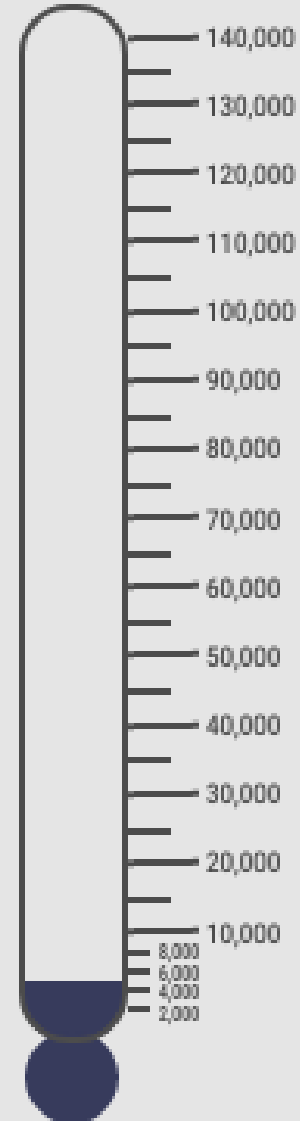


A Tradition of Stewardship
A Commitment to Service

Vaccines Administered in Napa County to Date

The total number of vaccines administered includes Napa County residents, as well as non-residents eligible for vaccination based on place of work.

**As of Jan 11, 2021:
4,609 doses**



Phase 1A

About 3 million people

- Healthcare workers
- Long-term care residents

See [CDPH Allocation Guidelines for Phase 1a](#)

Phase 1B

1B Tier One:

- Individuals 75 and older
- Those at risk of exposure at work in the following sectors:
 - Education
 - Childcare
 - Emergency services
 - Food and agriculture

1B Tier Two:

- Individuals 65 -74 years of age
- Those at risk of exposure at work in the following sectors:
 - Transportation and logistics
 - Industrial, commercial, residential, and sheltering facilities and services
 - Critical manufacturing

Phase 1C

- Individuals 50 -64 years of age
- People 16-49 years of age and have an underlying health condition or disability which increases their risk of severe COVID-19
- Those at risk of exposure at work in the following sectors:
 - Water and wastewater
 - Defense
 - Energy
 - Chemical and hazardous materials
 - Communications and IT
 - Financial services
 - Government operations / community-based essential

THE MILLION DOSES INITIATIVE



- Delays in the CDC Pharmacy Partnership experienced across the state
 - Part A activated and covers SNF - underway
 - Part B (Assisted Living, Memory Care, etc.) not scheduled yet
 - Public Health has vaccinated all SNF staff and "Part B" facilities with outbreaks
- CDPH has given local health jurisdictions and health systems permission to work through all Phase 1a Tiers simultaneously
- Napa County is shooting for 10000 doses
 - Healthcare and pharmacy partnerships
 - Drive through clinics and mobile strike teams

PHASE 1A, TIER 1: VACCINATION STATUS



Tier 1 – IN PROGRESS, ALMOST DONE

- Acute care, psychiatric hospitals

- Skilled nursing facilities, assisted living facilities, and similar settings for older or medically vulnerable individuals. Also residents in these settings

- Paramedics, EMTs and others providing emergency medical services
- Dialysis centers

- 4609 doses administered
- All SNF finished
- CDC pharmacy partnership at SNF, then ALF
- Mobile vaccination efforts at other congregate facilities
- Hospitals finished administering second doses

PHASE 1A, TIER 2: PROPOSED TIMELINE



Tier 2 – IN PROGRESS

- Intermediate care facilities for persons who need non-continuous nursing supervision and supportive care

- Primary Care clinics, including Federally Qualified Health Centers, Rural Health Centers, correctional facility clinics, and urgent care clinics

- Home health care and in-home supportive services
- Community health workers, including promotoras
- Public health field staff

- Vaccinating this week and next week at drive through clinic
- Concurrent healthcare system vaccination efforts
- CDC pharmacy partnership

PHASE 1A, TIER 3: TENTATIVE TIMELINE



Tier 3 – IN PROGRESS

- Other settings and health care workers, including

- Specialty clinics
- Laboratory workers
- Dental and other oral health clinics
- Pharmacy staff not working in settings at higher tiers



- Vaccinating this week and next week at drive through clinic
- Concurrent healthcare vaccination efforts

PHASE 1B: TENTATIVE TIMELINE



Tier 1 – NEXT WEEK OR SOONER

- 75y and older
- First responders
- Food and agriculture
- Education and Childcare

- Vaccinating next week at drive through clinic
- Safeway partnership
- Healthcare system vaccination efforts

Tier 2 – FEB TO MARCH?

- 65-74
- Industrial, residential, commercial sheltering facilities
- Critical manufacturing
- Incarcerated and homeless

- Drive through clinics
- Healthcare system
- Pharmacies

PHASE 1C AND BEYOND



Phase 1C – APRIL AND BEYOND?

- 50 plus
- 16-64 with underlying medical conditions or disability
- Water or waste management
- Defense, energy
- IT& communication
- Chemicals/hazmat
- Government operations
- Community service

- Drive through clinics
- Healthcare system
- Pharmacies



NOTIFICATIONS

- Library staff going through lists
- Increasing call center capacity
- Collecting vaccination requests in form
- Concurrent healthcare efforts
- Pharmacy partnerships
- Engage industry partners



HOPE FOR THE FUTURE: COMMUNITY IMMUNITY

