



Road Map to Reopening

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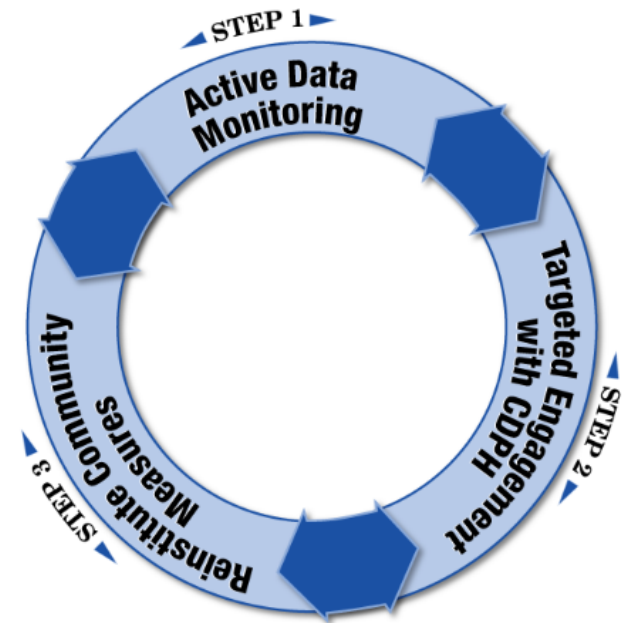
sonoma county
DEPARTMENT OF HEALTH SERVICES

Health Updates

- California Department of Public Health County Monitoring
- Local COVID-19 Data and Community Health
- Outbreaks in Vulnerable Populations
- Latinx Community Data and Response
- Health and Safety Guidance for Businesses
- Mitigation Measures
- DOC Transition & Accomplishments to Date
- Next Steps

California Department of Public Health (CDPH) County Data Monitoring

- State partnership with local jurisdictions to monitor data and protect public health through
 - Active daily data monitoring
 - Placing counties on a watch list for two weeks if data indicates cause for concern
 - Targeted engagement with counties to reinstitute community measures and restore containment if numbers remain out of compliance



Step 1: Active Data Monitoring

- State monitors County data daily on dashboard accessible on CDPH website
- County is placed on watch list if any indicator is out of compliance for three consecutive days

		Elevated Disease Transmission		Increasing Hospitalization	Limited Hospital Capacity	
Threshold	<150	Case Rate >100 OR Case Rate >25 AND Positivity >8%		>10% Increase	<20% ICU Beds Available OR <25% Ventilators Available	
County	Avg # tests per day (per 100,000 population) (7 day average with a 7 day lag)	Case rate per 100,000 (14 days)	Testing positivity (%) (7 day average with a 7 day lag)	% Change in 3-day avg COVID+ hospitalized patients	% ICU beds currently available	% Ventilators currently available
Alameda	166.5	✓	✓	✓	✓	✓
Alpine	268.6	✓	✓	✓	✓	✓

State Indicators

		Elevated disease transmission		Increasing hospitalizations	Limited hospital capacity	
Threshold	<150	Case rate >100 OR Case rate >25 and testing positivity >8%		>10%	Less than 20% ICU Beds available OR Less than 25% of ventilators available	
County	Avg # tests per day (per 100,000 population) (7 day average with a 7 day lag)	Case rate per 100,000 (14 days)	Testing positivity (%) (7 day average with a 7 day lag)	% Change in 3-day avg COVID+ hospitalized patients	% ICU beds currently available	% Ventilators currently available
Sonoma County	138.9	57.7	2.2%	0%	20.9%	78.9%

Current Status

Sonoma County is currently in compliance on all indicators on the CDPH website due to:

- **Testing:** A 7 day lag in CDPH's access to testing data that reflects a higher testing volume than we currently find
- **Elevated Case Transmission:** While our case rate is over 25/100,000 our testing positivity rates remain below 8%, so the county is still in compliance

Sonoma	173.3	✓	✓	✓	✓	✓
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Step 2: Targeted Engagement with CDPH

- If out of compliance with metrics for three days, or other issues arise (ex: *elevated cases in specific populations, large outbreaks in congregate settings, and significant resource requests for PPE, contact tracers, or testing capacity*), county will be placed on targeted engagement list (11 other counties are currently on this list).
- State works with county to identify action steps and timelines for addressing issues that impact indicators of concern.

Targeted Engagement List on CDPH Website

The state will work closely with Local Health Departments to identify action steps and timelines for addressing issues that impact indicators of concern. Counties currently being monitored at this step, the drivers of their situation, and key action steps identified are below:

- **Fresno County (has variance)** is experiencing elevated disease transmission. A driver of this are outbreaks in SNFs and the impact of the Avenal State Prison outbreak on staff who live in surrounding counties, such as Fresno. Key actions to address concerns include 1) continuing to provide Infection Preventionists expertise to assist SNFs on infection control practices; 2) ensure baseline testing of SNF residents and health care workers; 3) ensure adequate and proper use of PPE; and, 4) coordination and communication between CDCR, CDPH, and the Local Health Department to mitigate outbreaks at state prisons with employees who return to live in Fresno County.
- **Imperial County** is experiencing elevated disease transmission. Drivers of this include US citizens coming across the Mexican border seeking healthcare and continued need for staffing solutions at hospitals. Key actions to address concerns include 1) building additional testing capacity, 2) training and onboarding contact tracing staff, 3) transport patients to hospitals in neighboring counties when hospital capacity is full or limited; and, 4) stand up support for alternative care sites.

Step 3: Reinstating Community Measures

- If the county has insufficient progress, over a 14-day period, on containing their disease transmission and hospitalization rates, a county should consider reinstating sector limitations or more general Stay-at-Home provisions.
- If the county makes insufficient or no progress, the State Public Health Officer may take action.

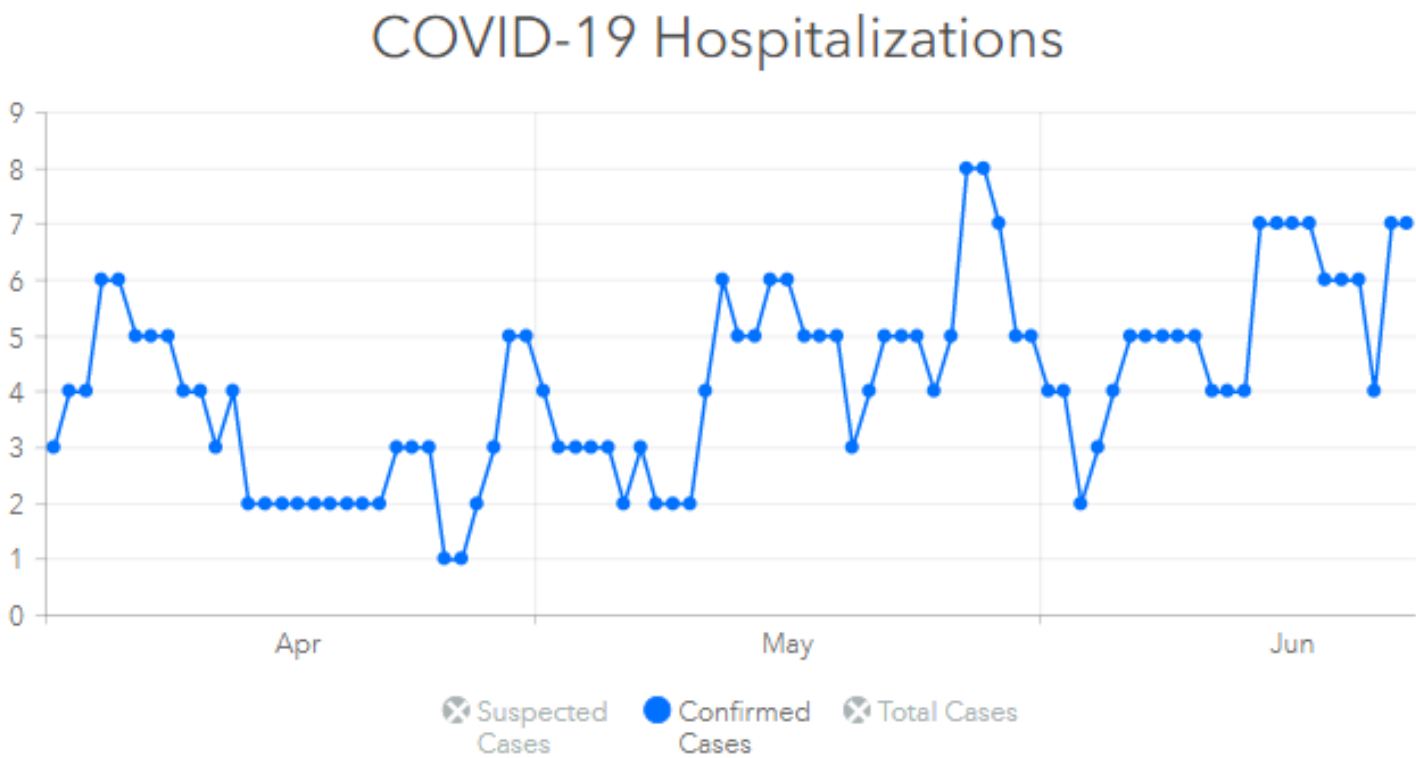
State Criteria Indicating Elevated Case Transmissions

Sonoma County Status	State Criteria
57.7 cases per 100,000 in past 14 days	> 25 cases per 100,000 residents in past 14 days indicates elevated transmission
< 8% testing positivity in past 7 days	> 8% testing positivity in past 7 days indicates elevated transmission

State Criteria Indicating Stability of Hospitalizations

Sonoma County Status	State Criteria for Stability of Hospitalizations
7% average daily percent change in hospitalized COVID-19 patients over past week	<5% average daily percent change in hospitalized COVID-19 patients over past week
Met	< 20 confirmed COVID-19 patients hospitalized on any single day over the past 14 days

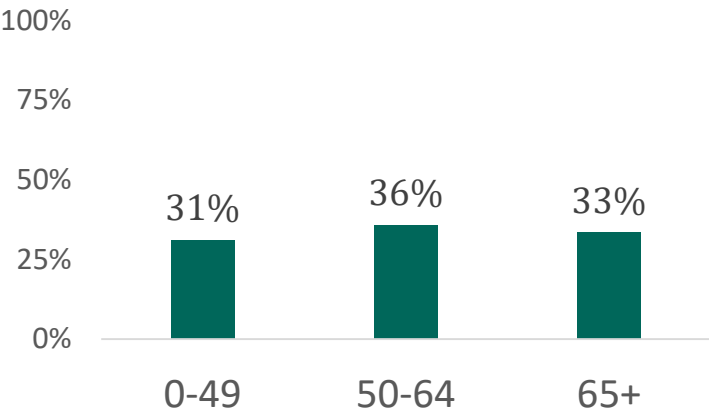
State Criteria Indicating Increasing Hospitalizations



Sonoma County Status	State Criteria indicating Increasing Hospitalizations
0% Average change in number of confirmed COVID+ patients currently hospitalized	>1% increase Average change in number of confirmed COVID+ patients currently hospitalized

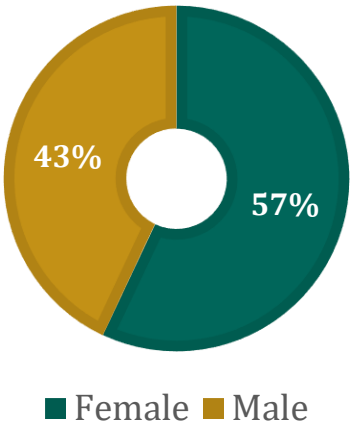
Characteristics of COVID-19 Patients Ever Hospitalized (n=48)

Age in years

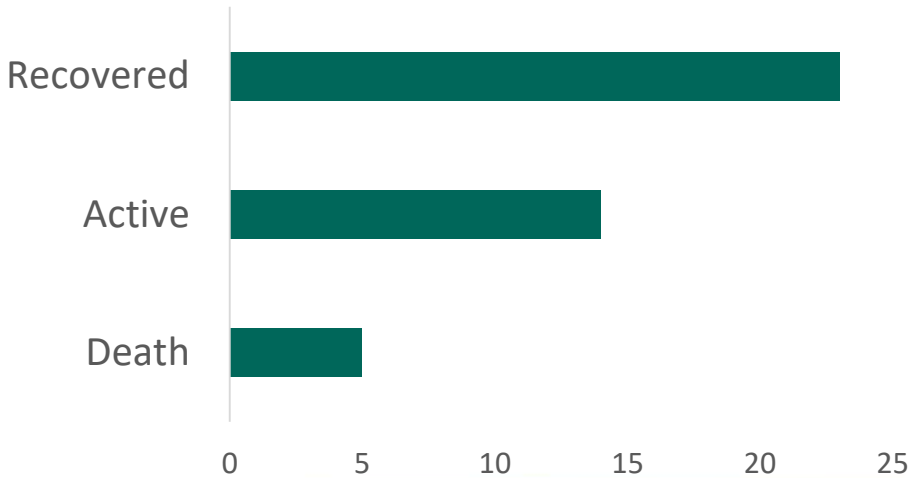


Ever in ICU:
16 (33%)

Sex



Status



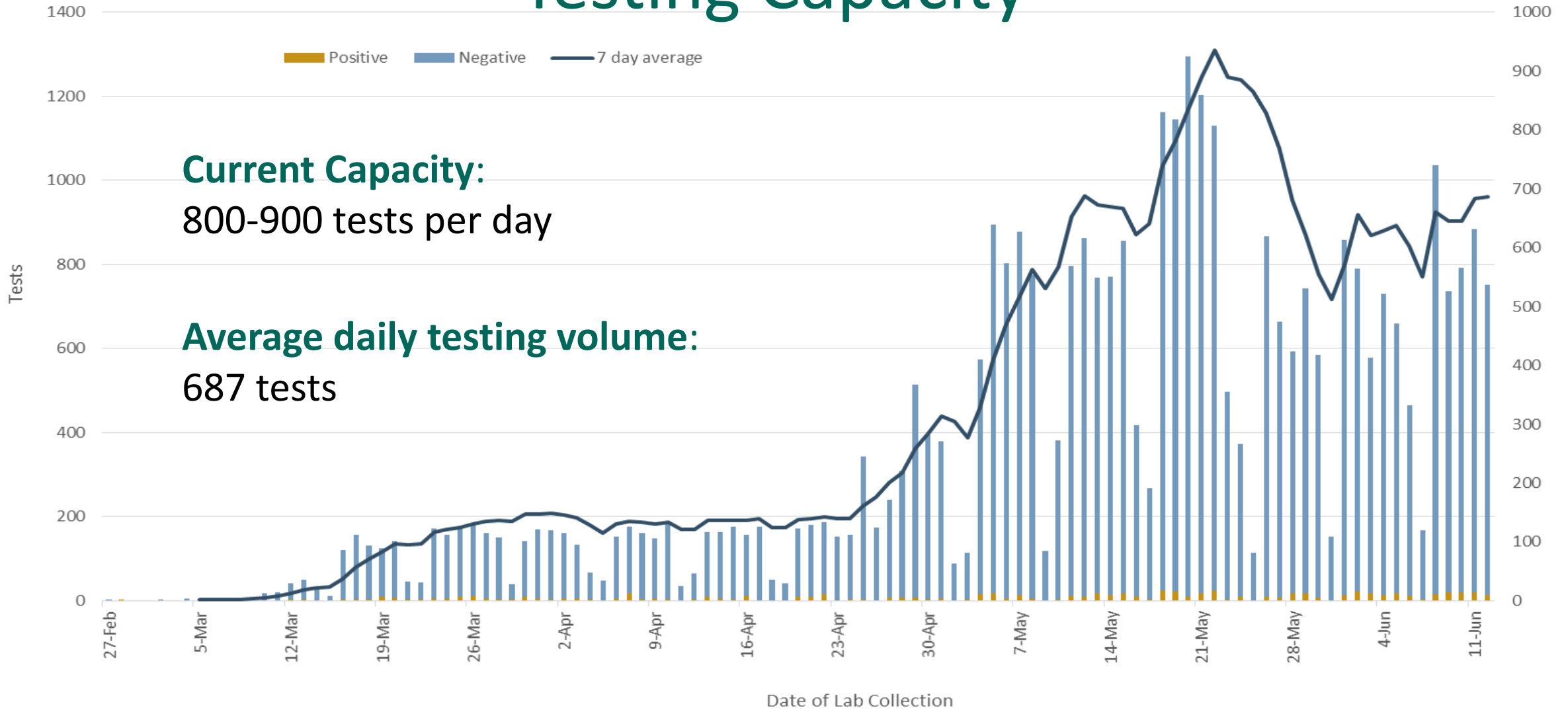
Underlying conditions	%
None	27%
Diabetes	39%
Cardiovascular disease	27%
Chronic lung disease	17%
Hypertension	17%
Other	17%

^For cases entered into CalRedie- proportions calculated for cases with known underlying conditions and symptoms

State Criteria Indicating Limited Hospital Capacity

Sonoma County Status	State Criteria
20.9% ICU beds available	<20% ICU beds available indicate limited capacity
78.9% ventilators available	<25% ventilators available indicate limited capacity
>14 day supply PPE Available	<14 day supply PPE available indicate limited capacity

Testing Capacity



Testing Strategies

- **Close-contact testing, including worksite-based testing**
 - Most effective case finding strategy (17% of those tested are positive)
- **Pop-up testing sites**
 - Data-focused approach mapping density of cases and spread of cases over time to inform testing site selection in partnership with Latinx taskforce leaders
- **Antibody testing**
 - As of 6/23, 1,562 antibody tests had been conducted with law enforcement, health care workers, and cases and contacts. To date, 6% of these tests are positive.
- **Testing and closely monitoring cases in vulnerable populations**
 - Skilled nursing facilities, residential facilities for the elderly, board and care homes, incarcerated individuals, homeless population

Outbreaks Among Vulnerable Populations

- There have been 51 cases in SNFs/Residential senior care since March 1st
- 38 (75%) of these occurred after June 1st

COVID-19 cases in Sonoma County facilities residential care facilities 6/1/2020 through 6/23/2020

	Staff*		Residents		Total	
	N	%	N	%	N	%
Total	19	100%	19	100%	38	100%
SNF/Post-Acute	5	26%	11	58%	16	42%
Assisted/senior living	13	68%	5	26%	18	47%
Senior residential care/group home/board and care	1	5%	3	16%	4	11%

*if staff works in multiple facilities, they are counted in facility with highest level of care.

Outbreaks Among Vulnerable Populations

- Outbreak among residents in a group housing/recovery program for individuals who are formerly incarcerated, substance addicted, homeless, or have other challenges
 - 26 out of 39 (67%) residents have tested positive as of 6/23/20
 - Two residents who tested positive left the program and had significant contact with a number of homeless encampments which are now under surveillance

COVID-19 Impact on Latinx Community

- Cases continue to increase
- Disproportionate number of COVID-19 cases in Latinx community
- Cases are:
 - Younger (86% are under 50)
 - More often due to close contact transmission
 - More often show no symptoms
 - Less likely to have an underlying condition or be hospitalized

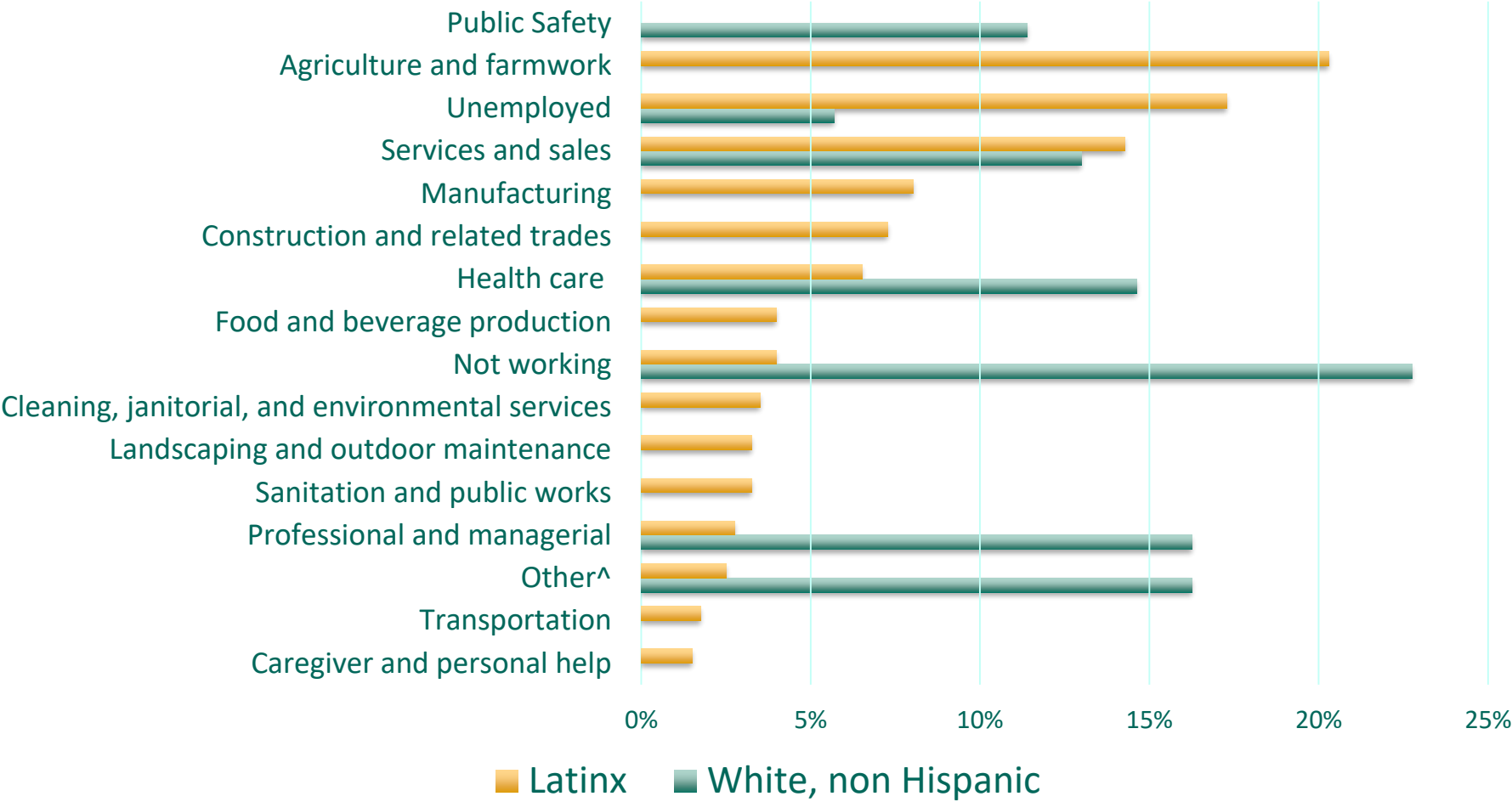
Sonoma County Cases by Race/Ethnicity

Race/Ethnicity	Number of Cases	Percent of Cases	Percent of Population
Hispanic/Latino	573	77%	27.2%
White, non-Hispanic	142	19%	64.7%
Asian/Pacific Islander, non-Hispanic	19	3%	5.1%
Other*, non-Hispanic	13	2%	3.0%

*Black/African American, American Indian/Alaska Native, and Other

Cases: 935 total, 188 (20%) missing race/ethnicity

Employment Sectors of COVID-19 Cases by Race/Ethnicity



Where an individual works is not necessarily where COVID-19 was transmitted.

Workplace transmissions account for less than 10% of cases.

Community Health: Overdose and Suicide Deaths

Overdose and suicide deaths by month, 2017-2019 3 year average with 2020 comparision, Sonoma County

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Overdose	3 year average 2017-2019	6	8	6	8	6	6	8	7	7	5	6	7
	2020*	ABOVE	ABOVE	ABOVE	ABOVE	BELOW							
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Suicide	3 year average 2017-2019	7	4	6	7	6	6	6	6	5	8	8	5
	2020*	ABOVE	ABOVE	BELOW	BELOW	BELOW							
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

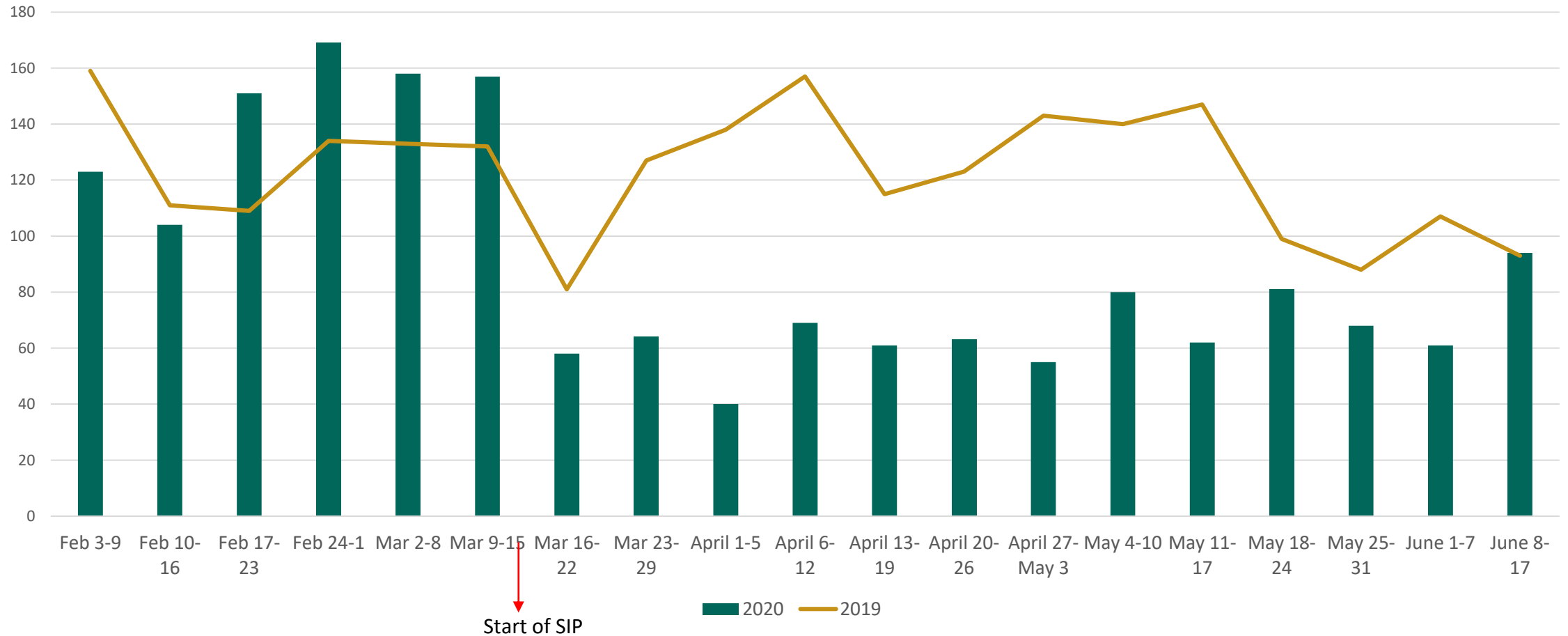
Source: CA Comprehensive Death File, 2017- May 28, 2020

*Data are preliminary

Since Shelter in Place was implemented in March:

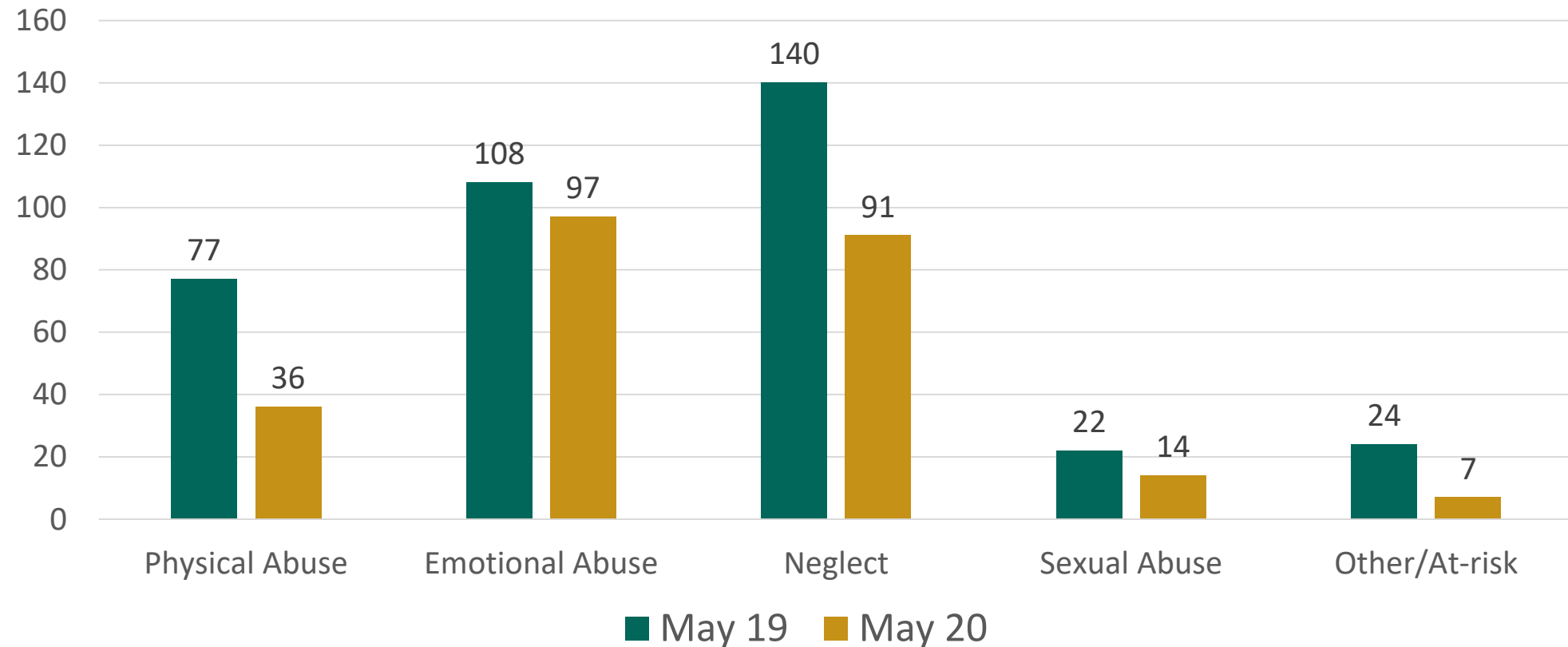
- A trend of heightened overdose deaths continued in March and April, but fell below average levels in May 2020
- Suicide deaths have been occurring less frequently than average since March 2020

Child Abuse and Neglect Allegations



Child Abuse and Neglect Allegations

Child Abuse and Neglect Allegations by Abuse Type
May 2019 & May 2020



Health Guidance for Businesses Reopening

Health and Safety Guidelines on SoCo Emergency.org

- How to reduce risk
- What to do if employee tests positive
- What to expect



The screenshot shows the SoCo Emergency website. At the top, there is a navigation bar with the SoCo Emergency logo (a red cross in a yellow circle) and the text "SoCo Emergency". To the right of the logo are three links: "Prepare", "Emergency", and "Recover". Below the navigation bar is a large black banner with the text "COVID-19 Workplace Exposure Guidelines for Employers" in white. Underneath the banner is a breadcrumb trail: "Home / Emergency Information / Novel Coronavirus / Resources For You During COVID-19". Below the breadcrumb trail is a link "En español »". The main heading is "Workplace Exposure Guidelines for Employers" in orange. Below this heading is a paragraph: "As Sonoma County's Shelter in Place health orders are progressively relaxed, employers bringing employees back into the workplace should establish protocols to follow in the event of employees testing positive for COVID-19 or being exposed to someone confirmed to have COVID-19." To the right of the text is a small image of red, spiky virus particles. Further to the right is a small image of a person wearing a mask and gloves, with the text "Information ab 19, case invest and updates ab" below it.

Health Guidance for Businesses Reopening

- Reducing risk
 - Follow local, state, and federal requirements and considerations for employers
 - Make Social Distancing Protocol available to all employees, managers, and customers/clients
 - Use health screenings or the free SoCo COVID-19 Check App to monitor and document employee health daily

Health Guidance for Businesses Reopening

- What if an employee tests positive?
 - Contact Public Health Disease Control immediately at 707.565.4566
 - Public Health Nurses will gather information in a thoughtful and systematic way to make the best recommendations regarding who was exposed, level of risk and who needs to be tested and placed in isolation/quarantine
 - Reach out to quarantined employees with support and information on sick/medical leave, etc.
 - Determine which work areas (if any) must be closed for 24+ hours for cleaning to the standard of CDC guidelines

Health Guidance for Businesses Reopening

- In most cases, businesses can resume after following these steps and health and safety protections are in place.
- The County will monitor the frequency of outbreaks by industry to understand whether the containment needs are worksite-specific or reflective of industry-level safety risks that need to be addressed when many of the same type of businesses begin having cases.

Mitigation Measures

- Sonoma County's case rates and infections in vulnerable populations are increasing
- Mitigation measures include:
 - Investigating common sources of spread and addressing these through public education, stricter health/safety guidelines, and heightened protections of vulnerable populations
 - Reinstating elements of the Shelter in Place as needed
 - Working closely with healthcare partners and the Alternate Care Site to maintain health care capacity

Mitigation Measures

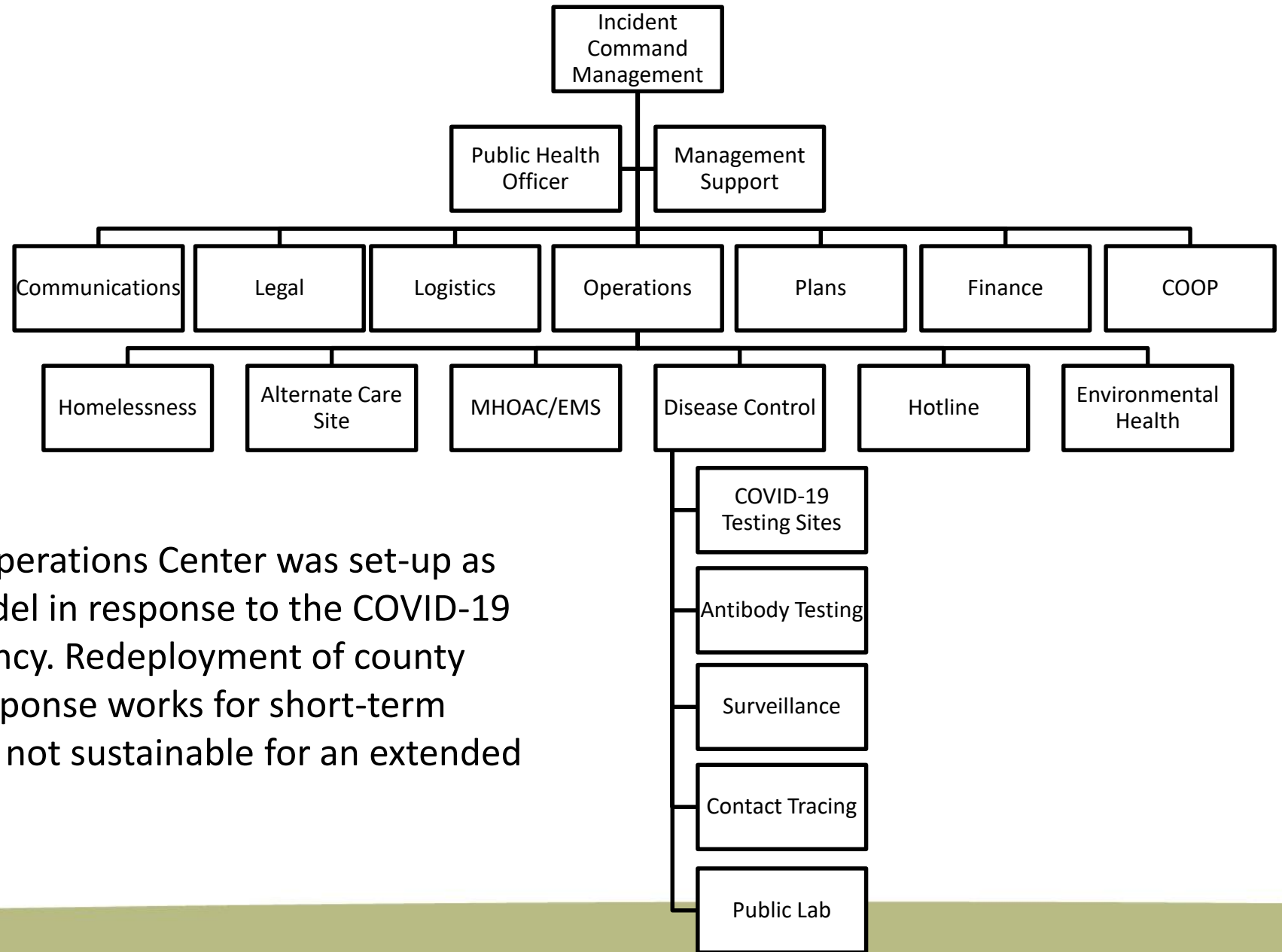
Public adherence to facial coverings, social distancing, hygiene, and self-isolating and getting tested when not feeling well, are **critical** to public health and the successful re-opening of Sonoma County's economy.

Health DOC Transition to Public Health Division

Objectives:

- Transition COVID-19 Emergency Response to the Public Health Division to achieve sustainability
- Demobilize the Health DOC upon completion of COVID-19 Emergency Response transition

Current Structure of Health DOC



The Health Department Operations Center was set-up as an incident command model in response to the COVID-19 disaster response emergency. Redeployment of county staff to the emergency response works for short-term assignments, but model is not sustainable for an extended emergency response.

Key Accomplishments of the Health DOC

- **Health Hotline** serves as a hub for COVID-19 information, resources, and referrals for Sonoma County community members;
 - Over 12,000 calls received since April 6th
 - Developed an emergency contact database for all essential businesses permitted through Environmental Health (approx. 4,500)
- Set-up **alternate care site (ACS)/non-congregate shelter (NCS)** at SSU for COVID-19 positive and COVID-19 pending populations
 - Cumulative ACS/NCS served to date: 276
 - Current Census at ACS/NCS: 113
- **Homeless Task Force** has supported the placement of individuals into NCS sites.
 - 21 individuals at the Astro Hotel
 - 19 individuals in the trailers at the Fairgrounds
 - 104 individuals at the NCS at Sonoma State University

Key Accomplishments of the Health DOC

Disease Control Task Force has COVID-19 testing available at:

- State sponsored sites
- DHS pop-up sites
- Surveillance testing at planned events and in response to priority sites identified through reports and data

State sponsored sites operated by OptumServe have collected 4,219 samples, averaging 263 a day. Chanate site collected 3760 samples, averaging 152 per day. More than 1000 tests have been performed since early April at over 30 skilled nursing facilities (SNFs) and residential care facilities for the elderly (RCFEs).

Key Accomplishments of the Health DOC

Case Interviews & Contact Tracing – Each positive test results in a case interview designed to gather a full picture of the individuals condition and a list of contacts who have been exposed to their infection.

- Each case generates an average of 3 contacts
- Contacts are currently tested as soon as possible if symptomatic, and at 12 days following exposure if they don't have any symptoms
- Contact Tracers call each individual regularly to monitor their condition and reinforce the need to quarantine
- Nearly one in five contacts tested through this outreach have positive test results
- As of June 24th , 61% of Sonoma County's 956 cases are due to close contact transmission

Key Accomplishments of the Health DOC

- Sonoma County **DHS PH Lab** started testing in-house for COVID-19 on March 6 and has tested approximately 6300 samples since that time
- **PH Lab** started sending COVID-19 specimens from the Chanate drive-through testing site and other locations on April 23 to UCSF Chan-Zuckerberg BIOHUB and has processed approximately 7800 specimens through the UCSF testing program
- Established the **COVID-19 Data and Statistics dashboard** on the SoCoEmergency Website to track spread among Sonoma County residents
- Established **Latinx** Health Workgroup
- Incorporated culturally responsive approach: indigenous language translation, hired bilingual/bicultural staff, developed Latinx outreach and communication strategy

Key Accomplishments of the Health DOC

Environmental Health Task Force has been working closely with our community of business owners to provide educational guidance and materials during the COVID - 19 Pandemic. The team has worked with

- 4500 permitted essential businesses to provide guidance on COVID-19 mitigation
- 3800 food facilities to explain what COVID 19 is and the best practices for operation including information about the Quarantine/Isolation Orders and also the Masking Order
- 250 food distribution sites to ensure proper food distribution practices, directing them to an online training and signage for volunteers, temporary handwashing set up information, social distancing signs and best practices
- 250 pool operators to provide signage and guidance for their facilities during the time of closure due to SIP
- 100 farmer's market operators to determine best practices during the pandemic

Key Accomplishments of the Health DOC

Health DOC Logistics Section:

- Processed nearly 1,900 requests to-date for supplies, equipment, and services
- Staffed over 100 DOC positions to-date from County staff, extra help, contractors, and volunteers
- Completed over 50 contracts and extensions
- Communications/IT Unit: Completed over 100 service requests to-date (adding new staff or modifying/granting permissions to County systems)

Health DOC Finance Section:

- Reconciled approximately 12,000 ICS 214s to Timesaver for accurate coding
- Processed an average of 300 214s per day
- Approved approximately 1,100 Resource Requests and processed 20-50 213s per day

The Future

- Goal is to develop a sustainable model for COVID-19 response - ongoing staffing resources
- Health DOC response to COVID-19 required a tremendous effort to redeploy resources from county departments, including Health Services, Human Services, General Services, County Counsel, Probation, and others
- With reopening, county departments will need to transition their staff back to their normal duties

Proposed Health DOC Transition to Public Health Division

Phase 1 June 15 – June 26

- Development of proposal to add a COVID-19 Unit in the Public Health Division

Phase 2 June 22 – July 8

- Planning of recruitment and procurement activities

Phase 3 July 6 – August 7

- Procure services for Hotline, Testing and Staffing
- Implement recruitment plan, including job announcement, interviews and selections

Phase 4 August 10 – August 31

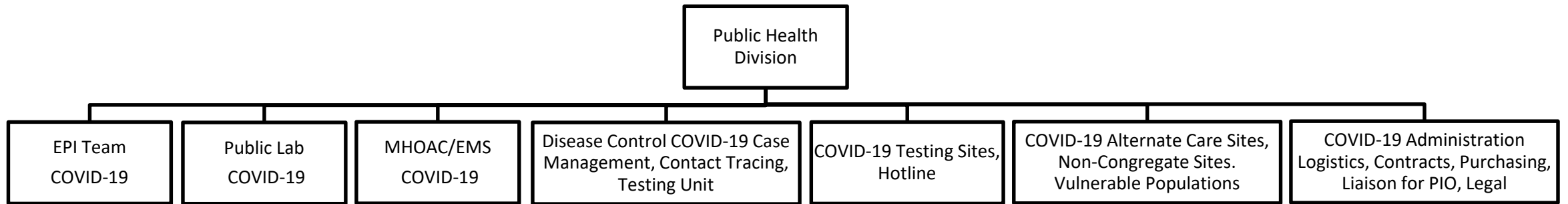
- Implementation of new COVID-19 unit in Public Health Division
- Demobilization of the Health DOC

Public Health Division COVID-19 Unit

Areas of Focus:

- Contact tracing, case investigations and mobile/stationary testing units for Latinx, congregate setting and worksites
- On-site testing, Hotline, alternate care site for COVID-19 positive and non-congregate sites for vulnerable populations
- Data driven operations with the addition of capacity for data analysis
- Capacity expansion of Public Health Lab
- Administrative efforts to recruit staff and manage contracts, and transition logistics and finance to sustainable model

Proposed COVID-19 Unit Structure in Public Health Division



Fiscal Unit DHS Finance Disaster Unit:

Budget, Cost Tracking, Medical Supplies Procurement, FEMA reconciliation and claiming

Proposed Next Steps

4th week of June 2020

- Present CAO with proposal to create a COVID-19 Unit within the Public Health Division

July 2020

- Present BOS with proposal to create a COVID-19 Unit within the Public Health Division

July – August 2020

- Implement Health DOC transition plan

August – September 2020

- Complete COVID-19 Emergency Response transition to the Public Health Division to achieve sustainability
- Demobilize the Health DOC upon completion of COVID-19 Emergency Response transition

Questions