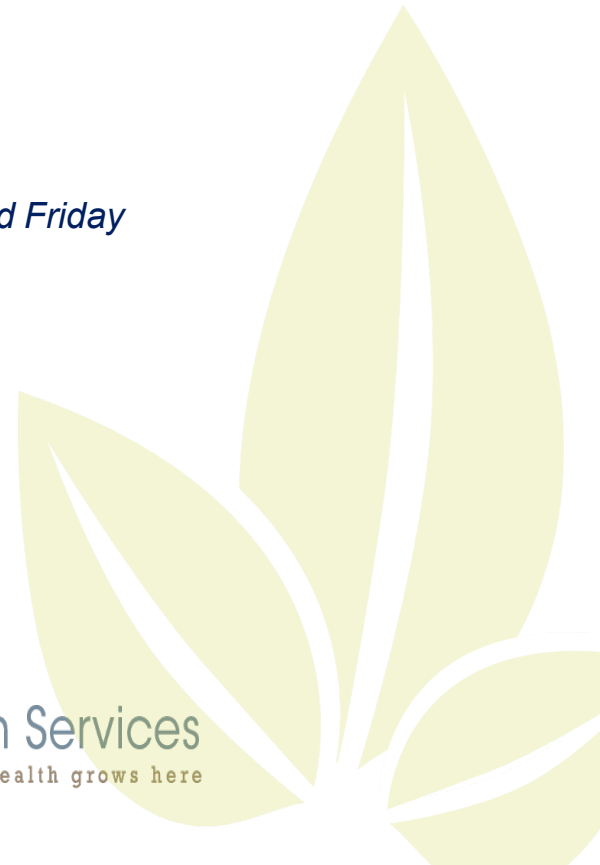


COVID-19 Data Report

Data through September 2, 2021

Updated September 3, 2021

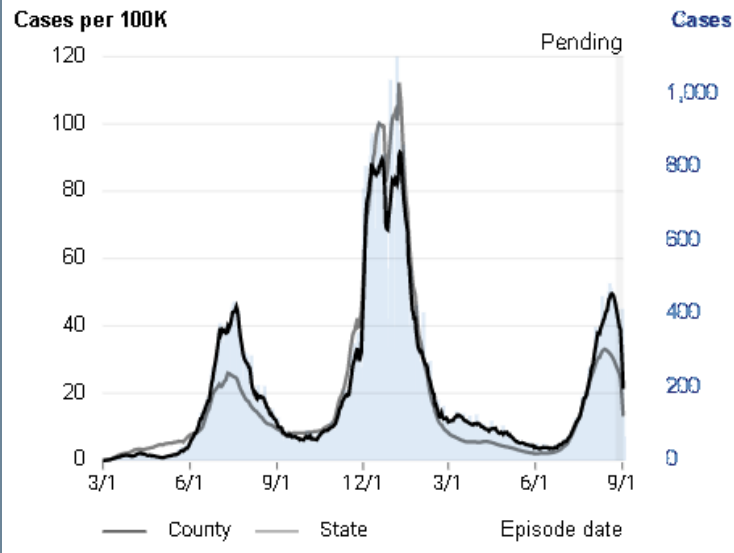
*Starting August 16th: updated every Monday, Wednesday and Friday
(excluding holidays) by 3pm*



Total Number of Cases and Deaths

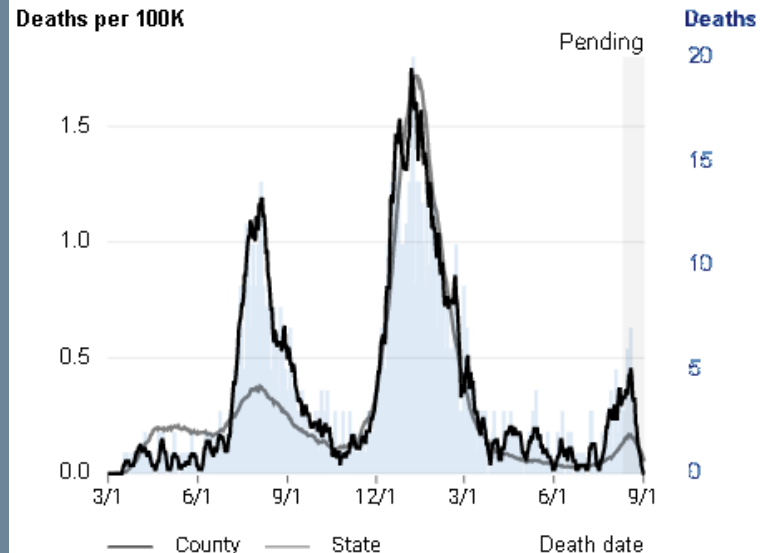
Total Cases

88,056 total confirmed cases
416 new cases (0.5% increase)
44.6 cases per 100K (7-day average)



Total Deaths

1,540 total confirmed deaths
0 new deaths (0% increase)
0.3 deaths per 100K (7-day average)



Note: Case rate is based on a 7-day average with a 7-day lag. Rates of deaths is based on a 7-day average with a 21-day lag due to delays in reporting. Directional change is compared to the prior 7-day period. Data is provided by the California Department of Public Health. The total number of cases and deaths noted here is since the beginning of the pandemic on March 1, 2020. Source: <https://covid19.ca.gov/state-dashboard/>

Cases and Deaths by Jurisdiction

Jurisdiction	Case Total	New Cases	Death Total	New Deaths	Case Rate per 10K
Unincorporated	15,558	131	241	0	923.5
Escalon	910	7	13	0	1,216.9
Lathrop	2,926	13	25	0	1,090.4
Lodi	7,661	70	180	0	1,127.8
Manteca	8,670	64	125	0	1,022.4
Ripon	1,729	17	25	0	1,085.4
Stockton	37,772	304	806	0	1,185.9
Tracy	9,387	50	93	0	978.5

Note: New cases and deaths are new reports that were received since the last update. The total number of cases and deaths noted here is since the beginning of the pandemic on March 1, 2020.

Cases and Deaths by ZIP Code (1 of 2)

Zip Code	Case Count	New Cases	Death Count	New Deaths	Case Rate per 10K
95202	758	3	33	0	1,047.4
95203	1,978	17	39	0	1,119.7
95204	3,536	18	90	0	1,116.4
95205	5,191	40	116	0	1,209.1
95206	9,187	72	153	0	1,253.3
95207	6,033	65	165	-1	1,136.2
95209	5,195	50	102	0	1,160.7
95210	5,018	35	113	1	1,133.0
95211	8	0	0	0	34.6
95212	3,377	14	43	0	1,187.2
95215	2,906	24	52	0	1,096.5
95219	2,651	28	41	0	840.2
95220	643	8	10	0	799.6
95227	67	0	1	0	595.0
95230	39	0	0	0	742.9
95231	533	8	12	0	1,076.8
95234	0	0	0	0	0.0
95236	423	-1	7	0	877.0
95237	354	2	6	0	997.2

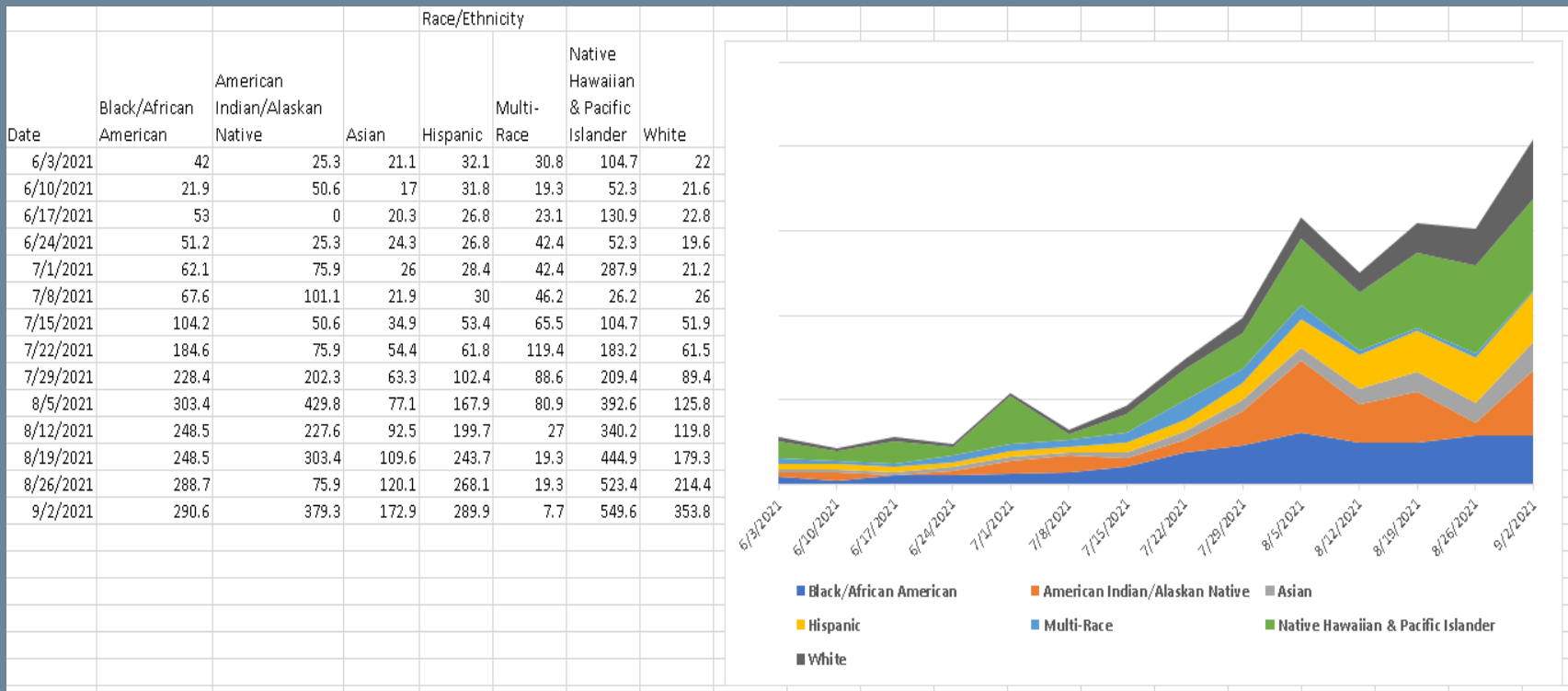
Note: New cases and deaths are new reports that were received since the last update. The total number of cases and deaths noted here is since the beginning of the pandemic on March 1, 2020.

Cases and Deaths by ZIP Code (2 of 2)

Zip Code	Case Count	New Cases	Death Count	New Deaths	Case Rate per 10K
95240	6,069	66	163	0	1,138.9
95242	2,598	25	40	0	904.4
95253	0	0	0	0	0.0
95254	0	0	0	0	0.0
95258	437	4	8	0	1,043.2
95304	1,393	10	6	0	805.8
95320	1,426	9	19	0	999.5
95330	2,961	13	26	0	1,466.6
95336	4,814	29	86	0	1,001.0
95337	4,497	40	50	0	1,261.9
95361	25	0	2	0	411.2
95366	1,962	17	26	0	1,054.3
95367	2	0	0	0	606.1
95376	5,868	36	74	0	1,036.7
95377	3,257	12	18	0	931.7
95391	1,211	10	5	0	515.2
95632	92	1	0	0	621.6
95686	104	1	2	0	683.8

Note: New cases and deaths are new reports that were received since the last update. The total number of cases and deaths noted here is since the beginning of the pandemic on March 1, 2020.

Case Rate Over Time by Race/Ethnicity

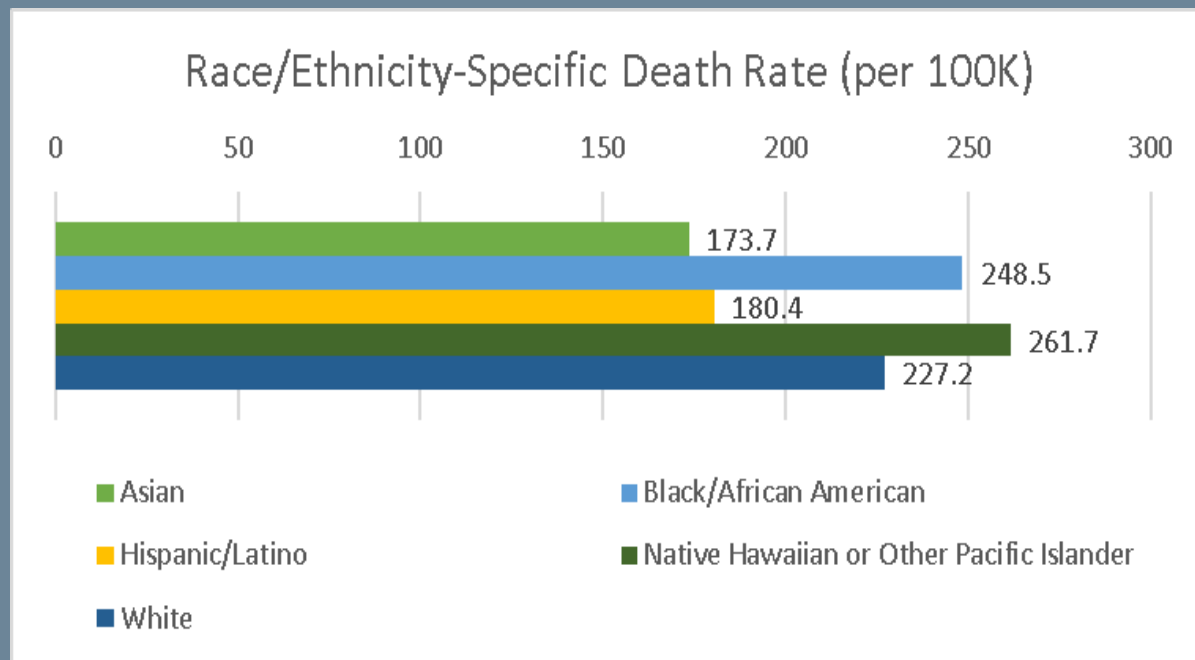


Notes: 7-day case rate (episode date with no lag). This stacked area shows the magnitude of change over time and to draw attention to total cases over time. American Indian/Alaskan Native and Native Hawaiian/Other Pacific Islander are now included in the graph, which has affected the color legend. Additionally, these race/ethnicity populations have unstable rates so use caution when interpreting their results.

- In the past month, increase in case rate among our most prominent race/ethnicity populations within our County. (i.e. White, Hispanic)

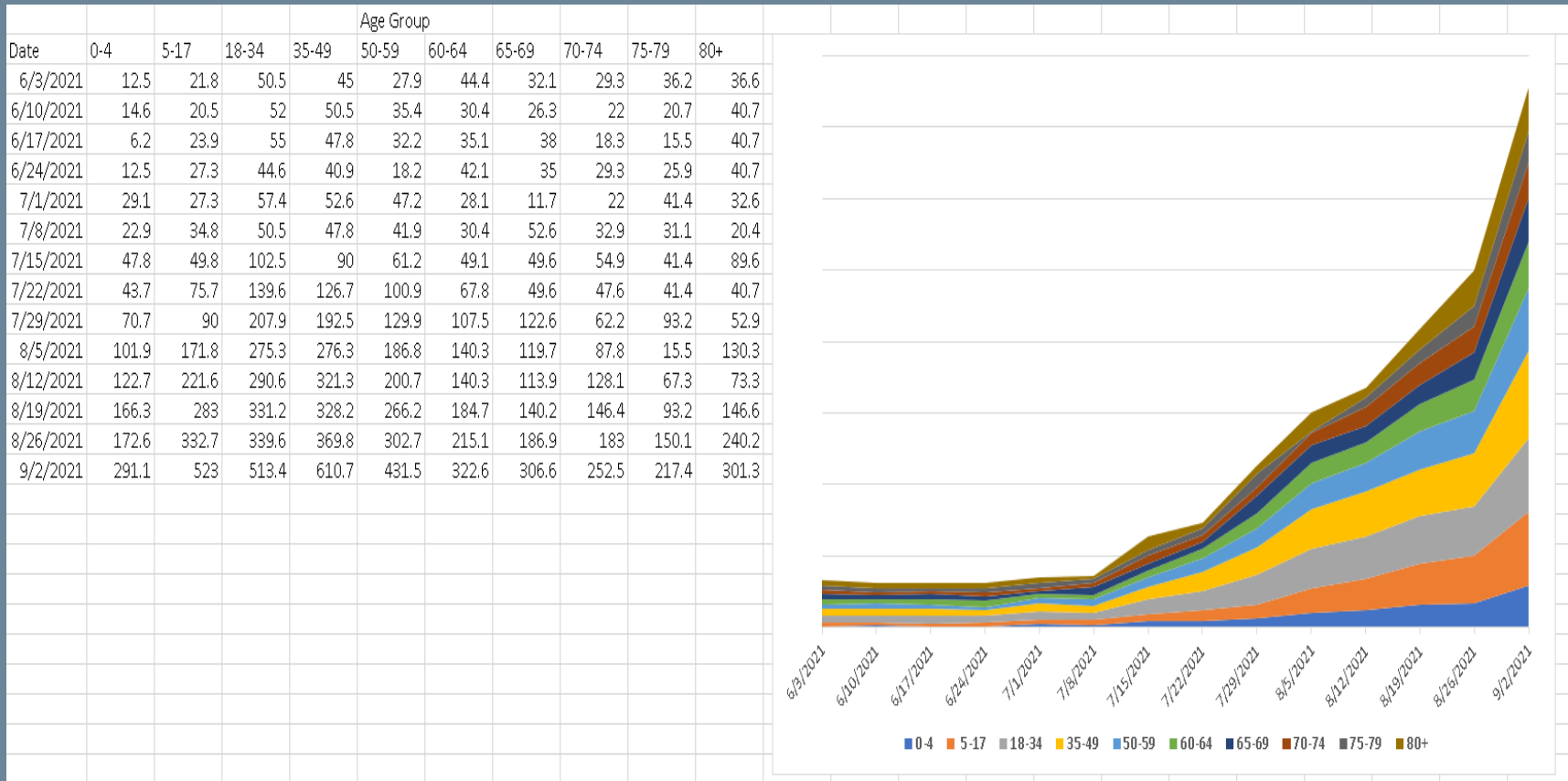
Deaths by Race/Ethnicity

Race/Ethnicity	% Pop	Total Deaths	% Deaths
Asian	15.7	214	13.7
Black/African American	7.0	136	8.7
Hispanic/Latino	40.9	578	37.1
Native Hawaiian or Other Pacific Islander	0.5	10	0.6
White	32.0	569	36.5



Note: The total number of deaths noted here is since the beginning of the pandemic on March 1, 2020. The Native Hawaiian or Other Pacific Islander population has an unstable rate so use caution when interpreting their results.

Case Rate Over Time by Age Group

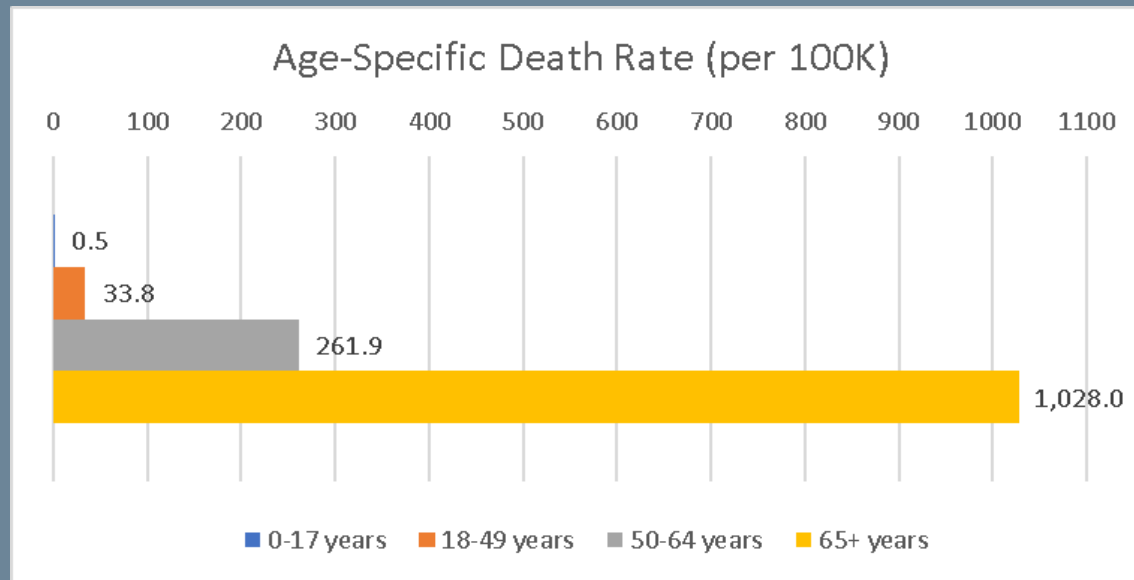


Note: 7-day case rate (episode date with no lag). This stacked area shows the magnitude of change over time and to draw attention to total cases over time.

- In the past month, dramatic increase in case rate for 5-17-year-olds within our County.

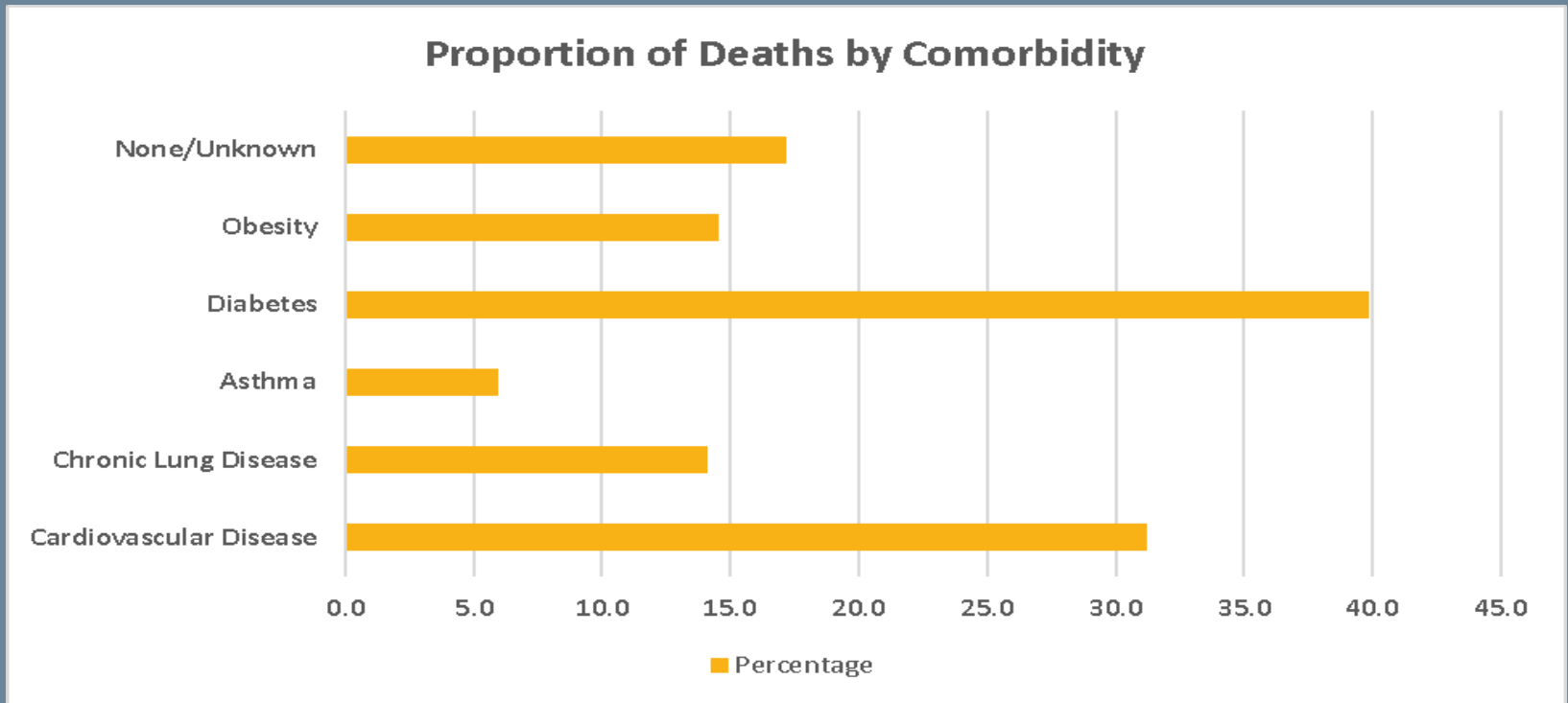
Deaths by Age Group

Age Group	% Pop	Total Deaths	% Deaths
0-17 years	24.9	1	0.1
18-49 years	44.3	117	7.5
50-64 years	17.4	356	22.9
65+ years	13.5	1084	69.6



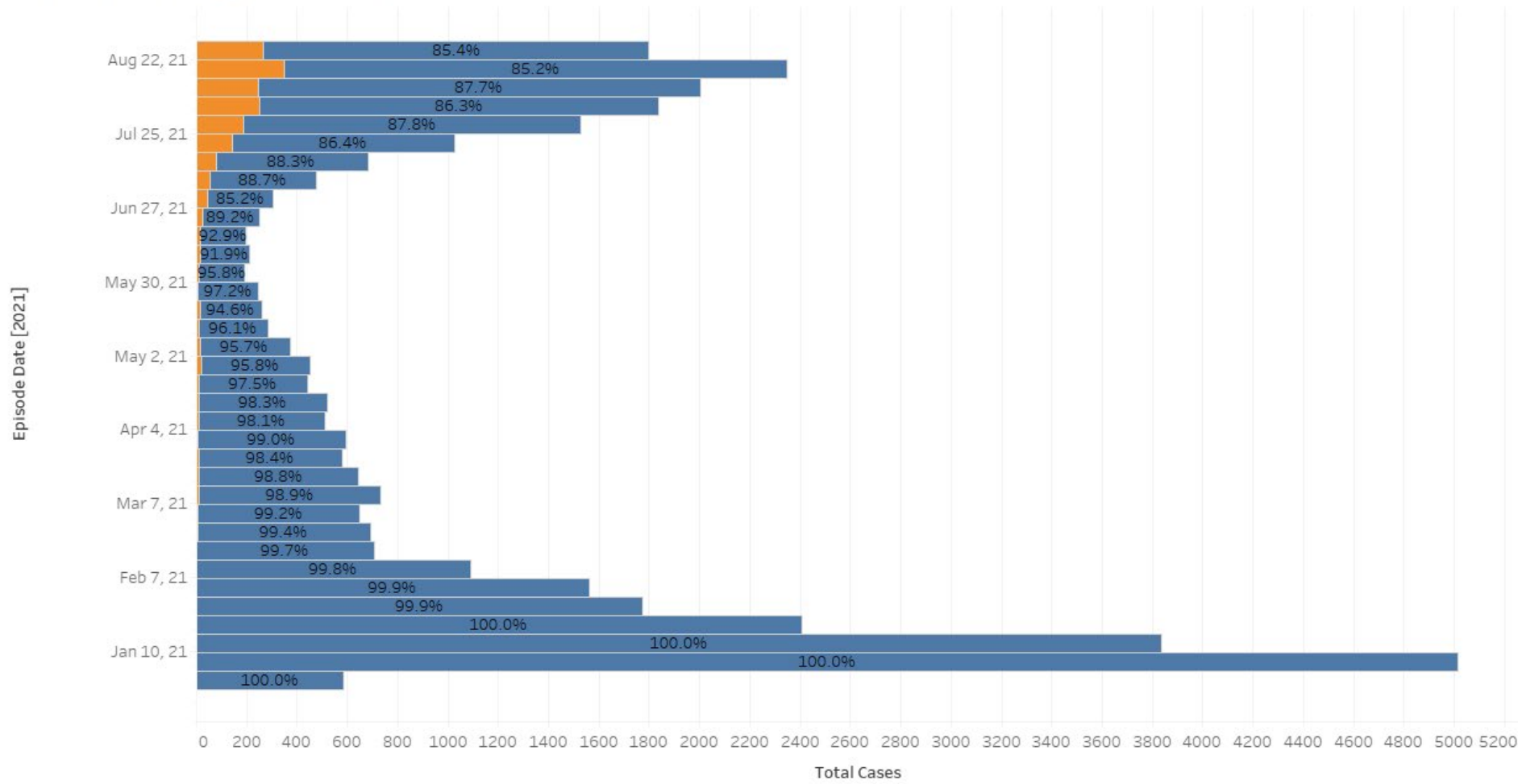
Note: The total number of deaths noted here is since the beginning of the pandemic on March 1, 2020.

Deaths by Comorbidities



Note: Will not total 100%. Cases may have more than one comorbidity.

Weekly Cases by Vaccination Status



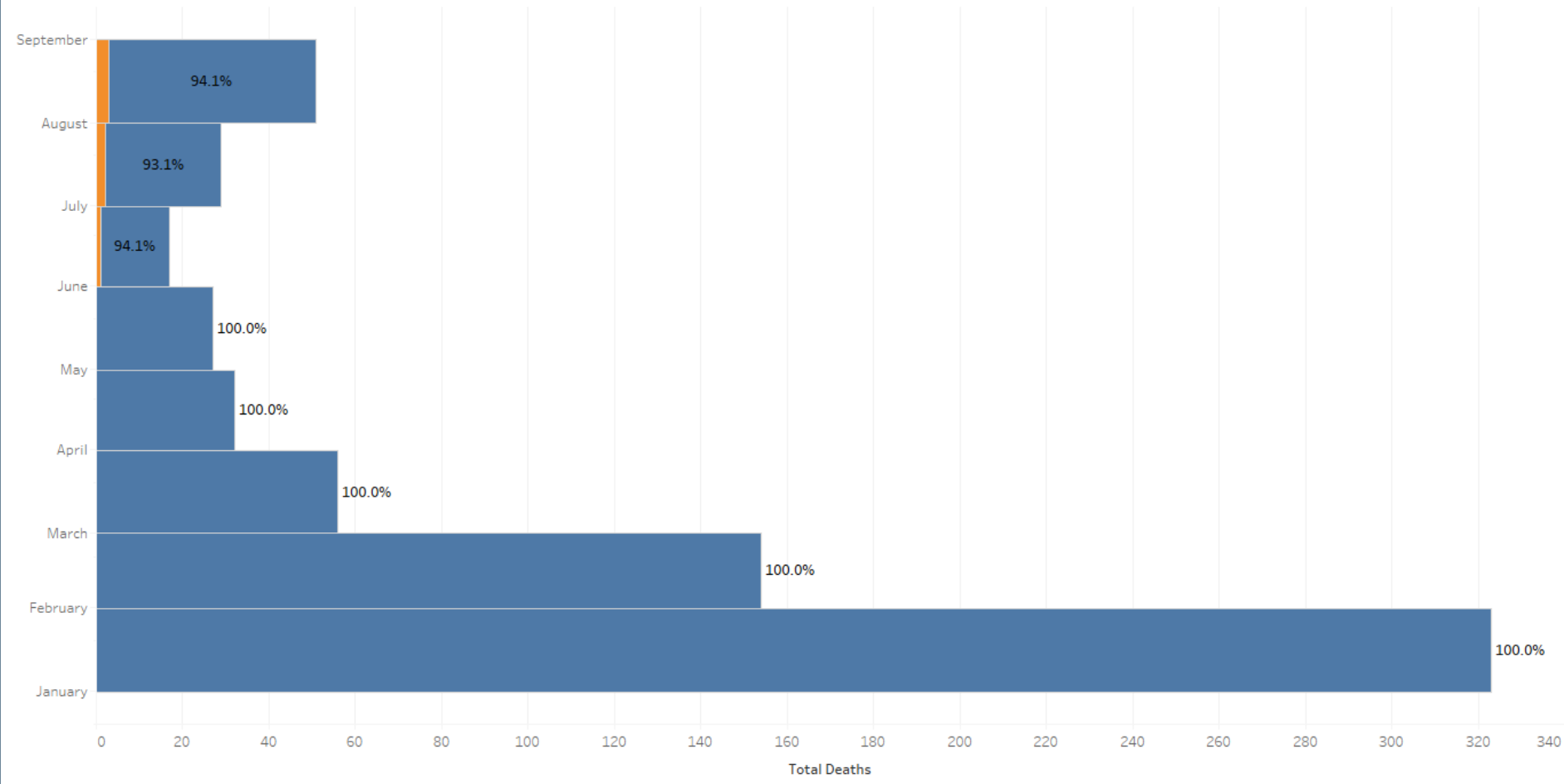
The plot of Total Cases for Episode Date Week. Color shows details about Post-Vaccination Case. The marks are labeled by % of Total Cases. The data is filtered on Episode Date Year, which keeps 2021.

Post-Vaccination Case
■ No
■ Yes

Note: Vaccination Status determined by probabilistic matching of the immunization registry and case data, performed by the California Department of Health. Updated every Friday.

- **0.53% of our County's fully vaccinated population are breakthrough cases.**

Monthly Deaths by Vaccination Status



The plot of Total Deaths for Date of Death Month. Color shows details about Post-Vaccination Case. The marks are labeled by % of Total Deaths. The data is filtered on Death Status and Date of Death Year. The Death Status filter keeps Yes. The Date of Death Year filter keeps 2021.

Post-Vaccination Case
■ No
■ Yes

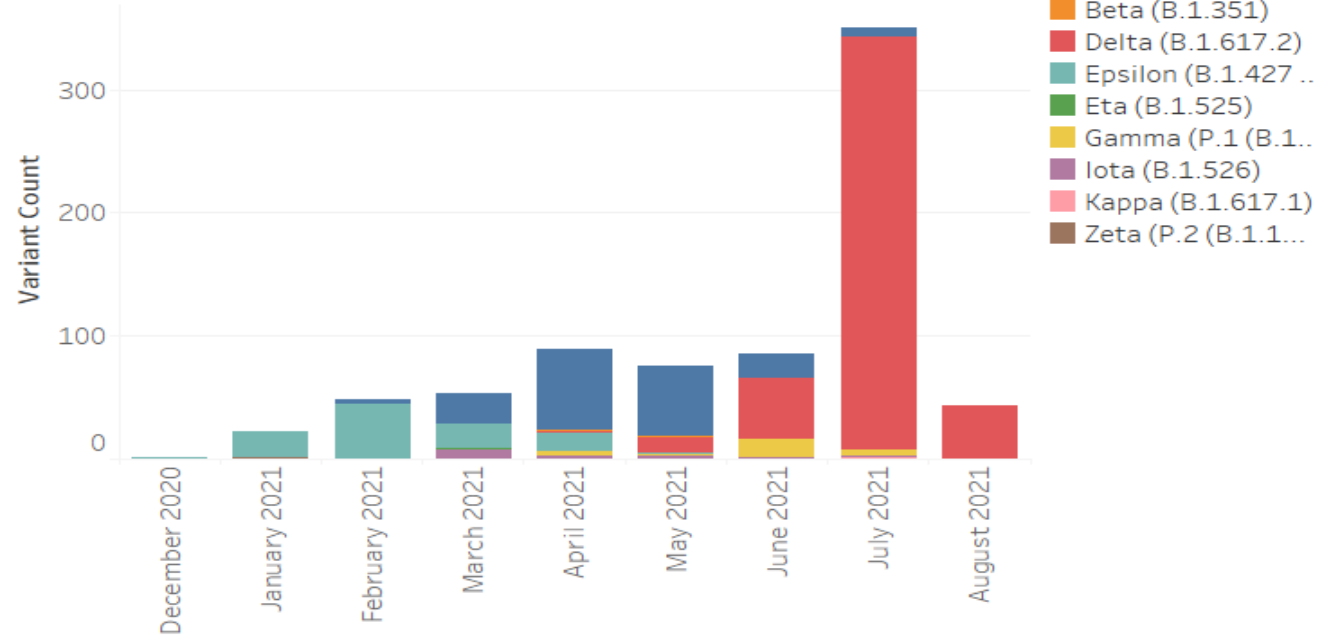
Note: Vaccination Status determined by probabilistic matching of the immunization registry and case data, performed by the California Department of Health. Updated every Friday.

Variants of Interest/Concern

Total Variants

Alpha (B.1.1.7)	180
Beta (B.1.351)	3
Delta (B.1.617.2)	441
Epsilon (B.1.427 & B.1.429)	101
Eta (B.1.525)	1
Gamma (P.1 (B.1.1.28.1))	25
Iota (B.1.526)	16
Kappa (B.1.617.1)	1
Zeta (P.2 (B.1.1.28.2))	1
Grand Total	769

Specimens by Sequence Date

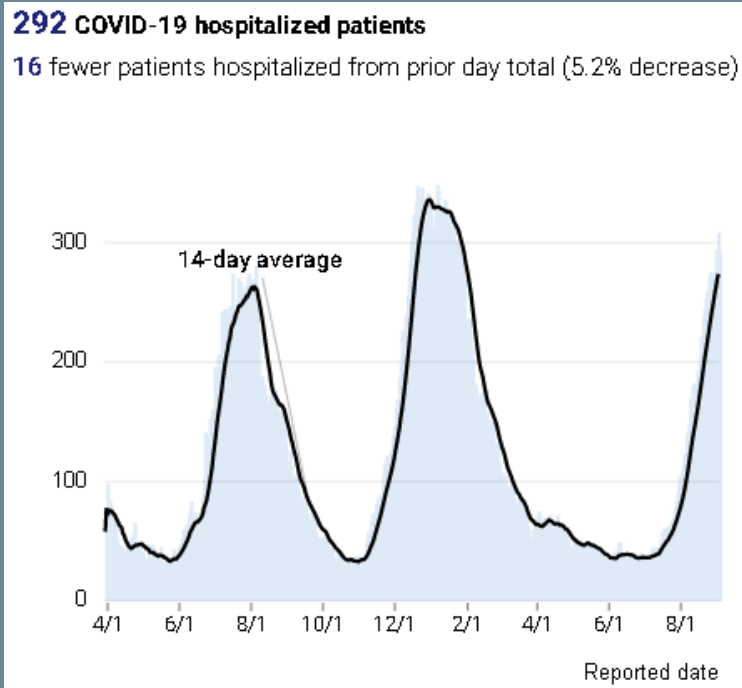


Variant Count By Type and Month

	Decemb..	January..	Februar..	March ..	April 20..	May 20..	June 20..	July 20..	August ..
Alpha (B.1.1.7)			4	25	65	58	20	8	
Beta (B.1.351)					2	1			
Delta (B.1.617.2)					1	12	50	335	43
Epsilon (B.1.427 & B..)	1	21	44	19	15	1			
Eta (B.1.525)				1					
Gamma (P.1 (B.1.1.2..					3	2	15	5	
Iota (B.1.526)				8	3	2	1	2	
Kappa (B.1.617.1)								1	
Zeta (P.2 (B.1.1.28.2..		1							
Grand Total	1	22	48	53	89	76	86	351	43

Total Hospitalizations and ICU Beds

Total Hospitalizations



ICU Beds Available

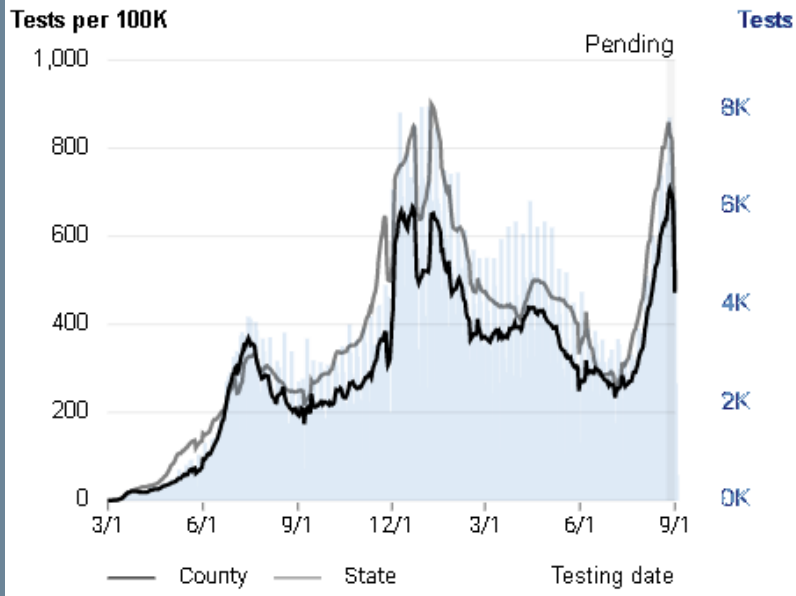


Note: Includes the number of licensed ICU beds and hospitalized patients in San Joaquin County, regardless of residency. Licensed ICU bed totals count the number of beds that can be staffed to provide intensive healthcare. Directional change is compared to the prior day. Data is provided by the California Department of Public Health. The total number is since the beginning of the pandemic on March 1, 2020. Source: <https://covid19.ca.gov/state-dashboard/>

Testing and Positivity Rate

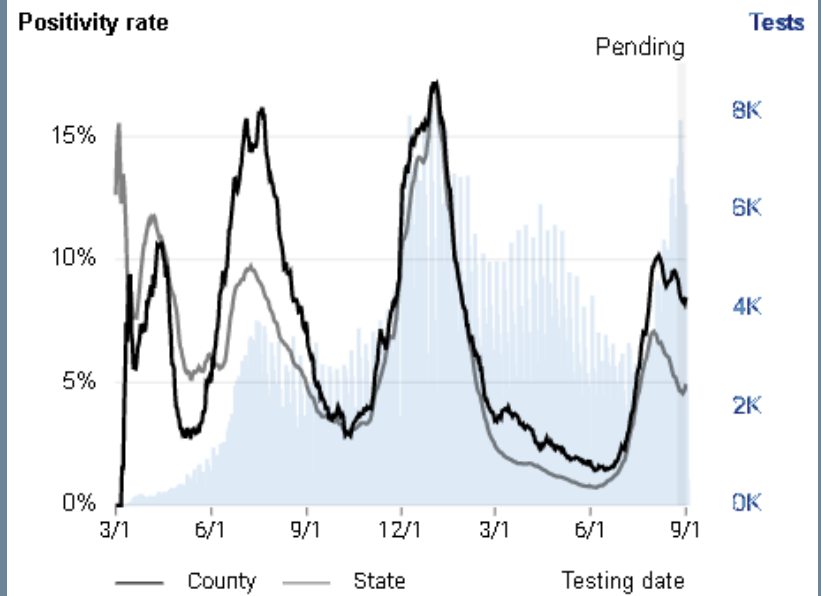
Tests Performed

1,302,796 total tests performed
5,443 new tests reported (**0.4%** increase)



Positivity Rate

8.5% test positivity (7-day rate)
0.5% decrease from 7-days prior

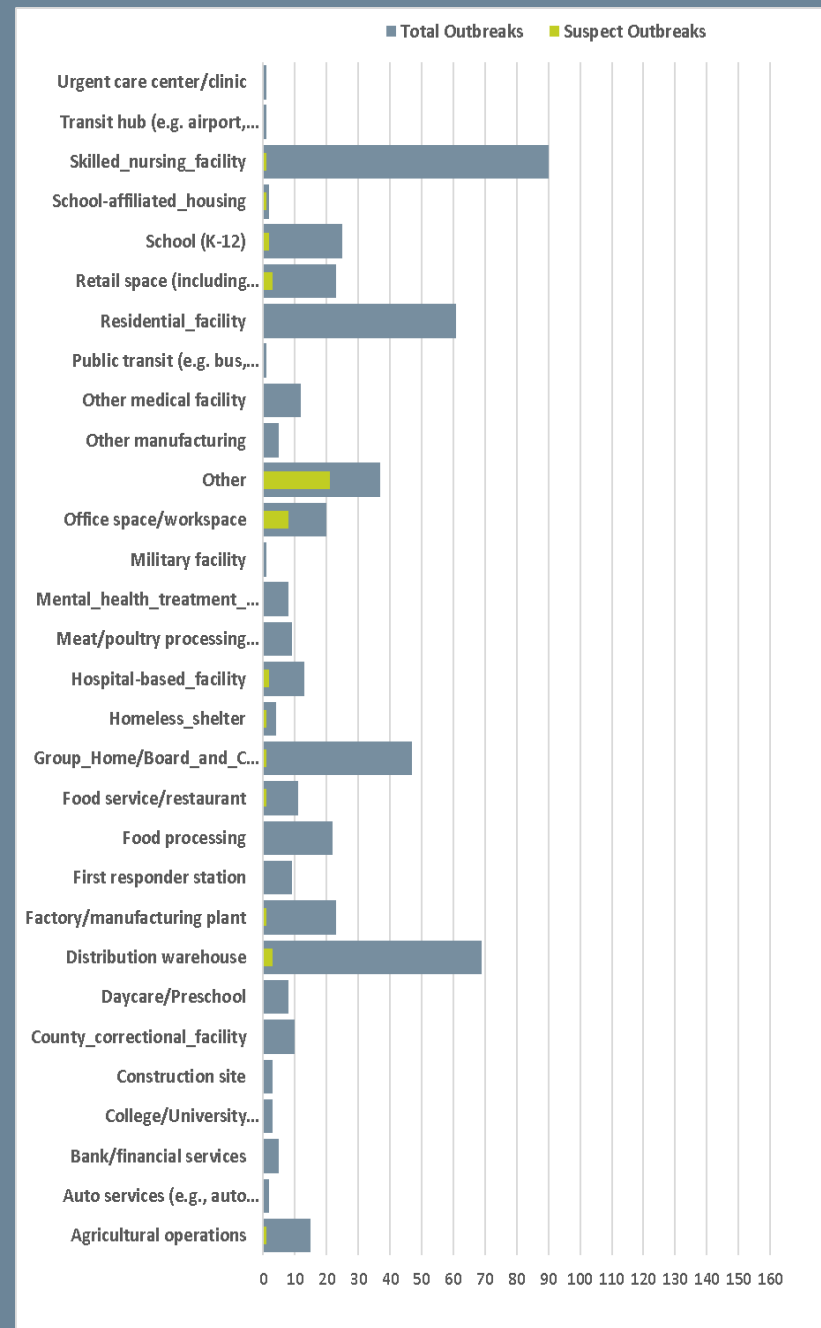


Note: Testing date is the date the test was administered. Test positivity is based on a 7-day average with no lag. Directional change is compared to the prior 7-day period. Data is provided by the California Department of Public Health. The total number is since the beginning of the pandemic on March 1, 2020. Source: <https://covid19.ca.gov/state-dashboard/>

Outbreaks by Industry

- Suspect outbreaks are outbreaks that have been reported to PHS since July '21 and are currently under investigation to determine whether the report constitutes a confirmed outbreak.
 - Suspect outbreak numbers can vary over time as information is verified.
- The same site can have multiple suspected outbreaks occurring at the same time.
- Total outbreaks are outbreaks that have been confirmed since the beginning of the pandemic, March 1, 2020.

(refer to Definitions – Outbreaks for more info)

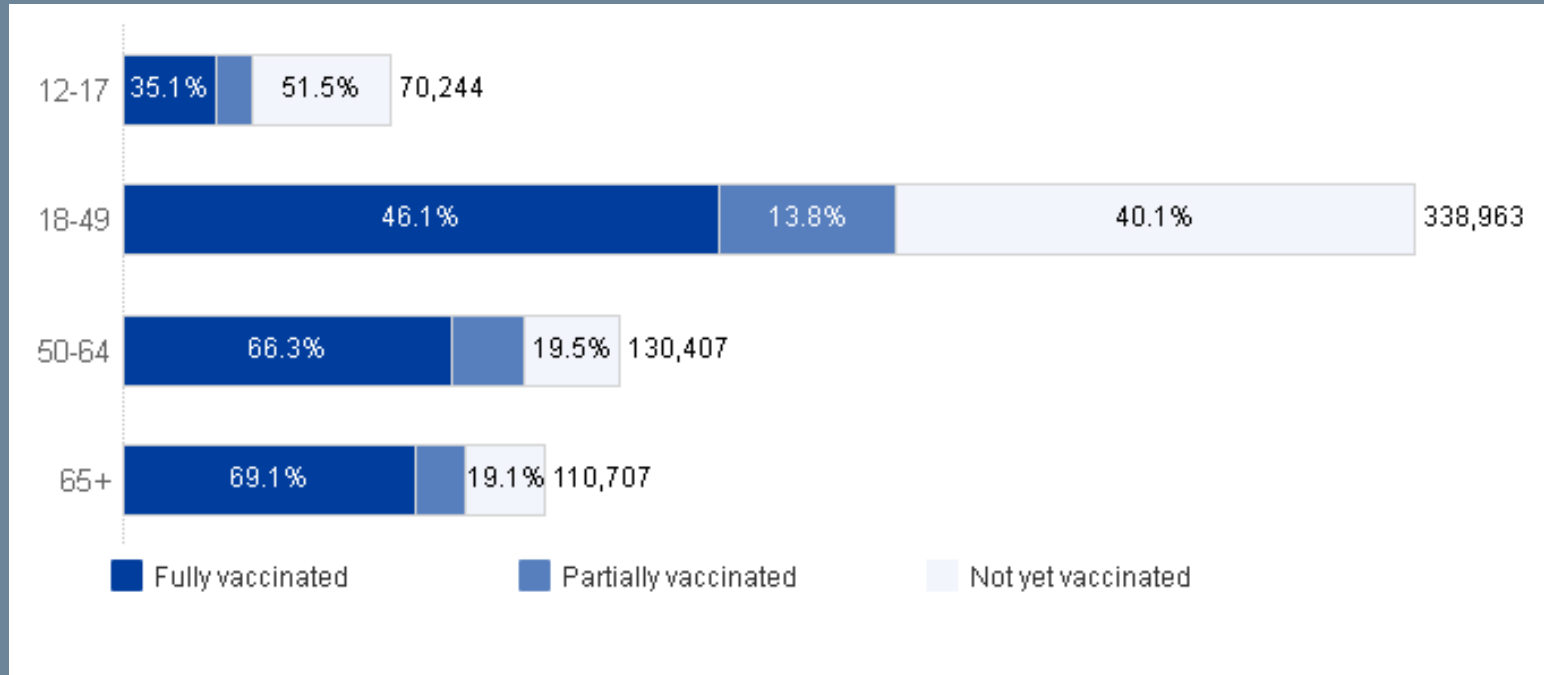


Vaccinations by Jurisdiction

Jurisdiction	Population	Total Vaccinations	Fully Vaccinated	% Fully Vaccinated	Partially Vaccinated	% Partially Vaccinated
Unincorporated	166,467	25,451	21,841	13.1	3,610	2.2
Escalon	6,104	5,786	5,067	83.0	719	11.8
Lathrop	18,226	16,385	14,243	78.1	2,142	11.8
Lodi	53,933	39,576	33,631	62.4	5,945	11.0
Manteca	65,240	50,224	43,585	66.8	6,639	10.2
Ripon	13,094	9,089	7,931	60.6	1,158	8.8
Stockton	252,326	195,728	162,549	64.4	33,179	13.1
Tracy	74,931	66,783	57,951	77.3	8,832	11.8
Unknown	<i>n/a</i>	1,291	816	<i>n/a</i>	475	<i>n/a</i>
Total	650,321	410,313	347,614	53.5	62,699	9.6

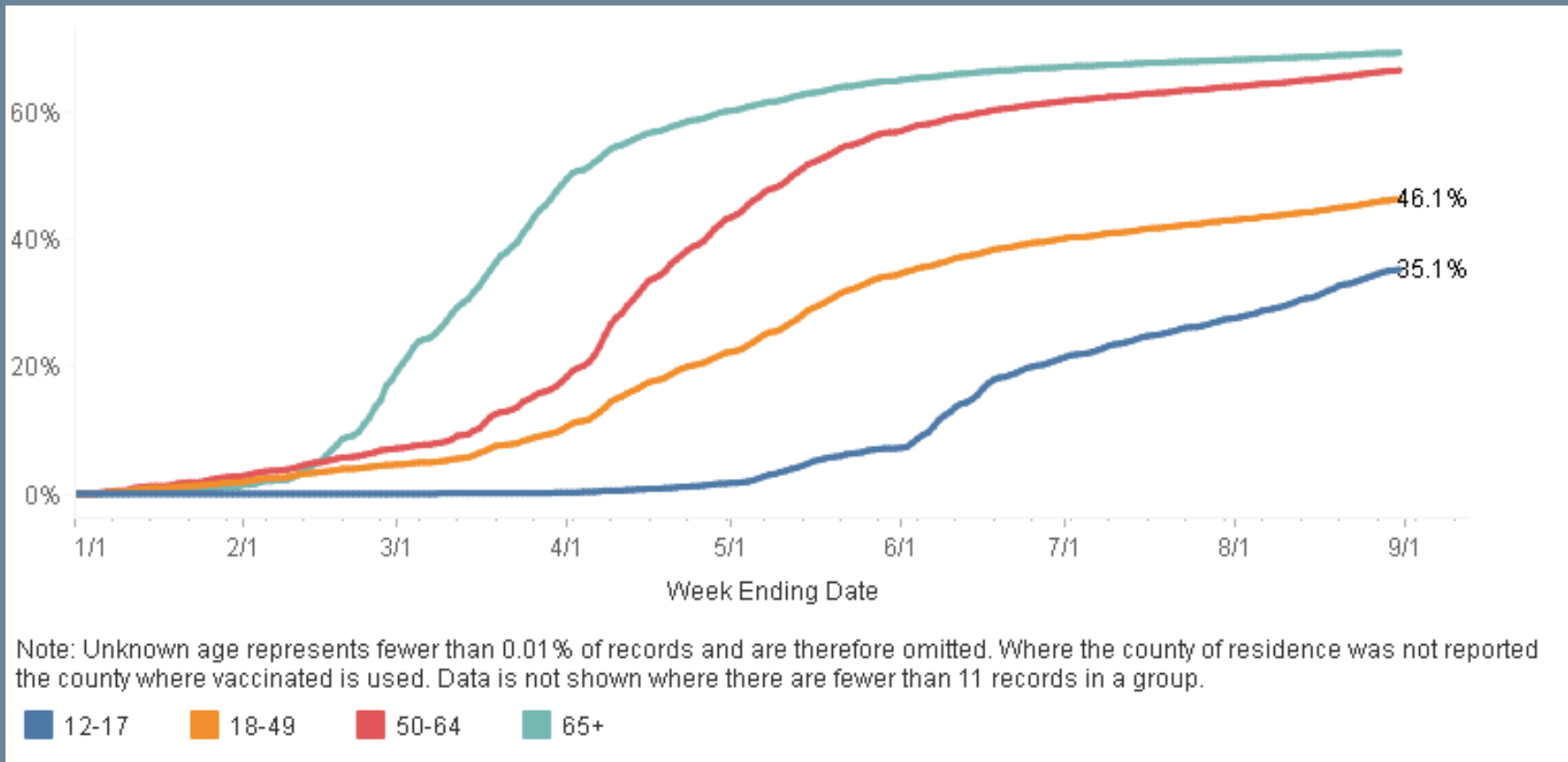
Note: Population estimates have been updated to 2021 DoF projections to be more consistent with State reporting. Population estimates are for individuals 12 years and older.

Vaccination Progress by Age Group



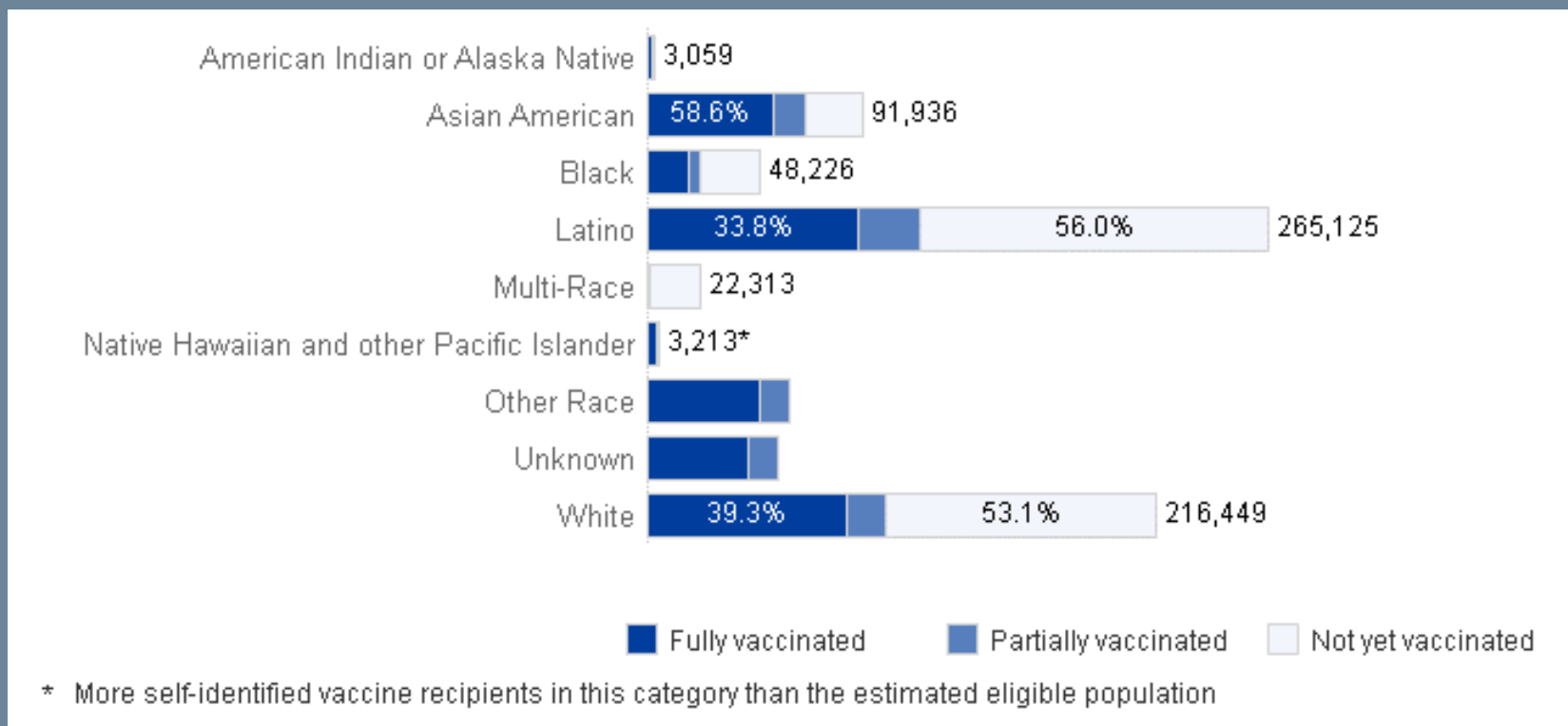
Note: Vaccination breakdowns are updated every Wednesday. Source: <https://covid19.ca.gov/vaccination-progress-data/#equitably-across-groups>

Fully Vaccinated Over Time by Age Group



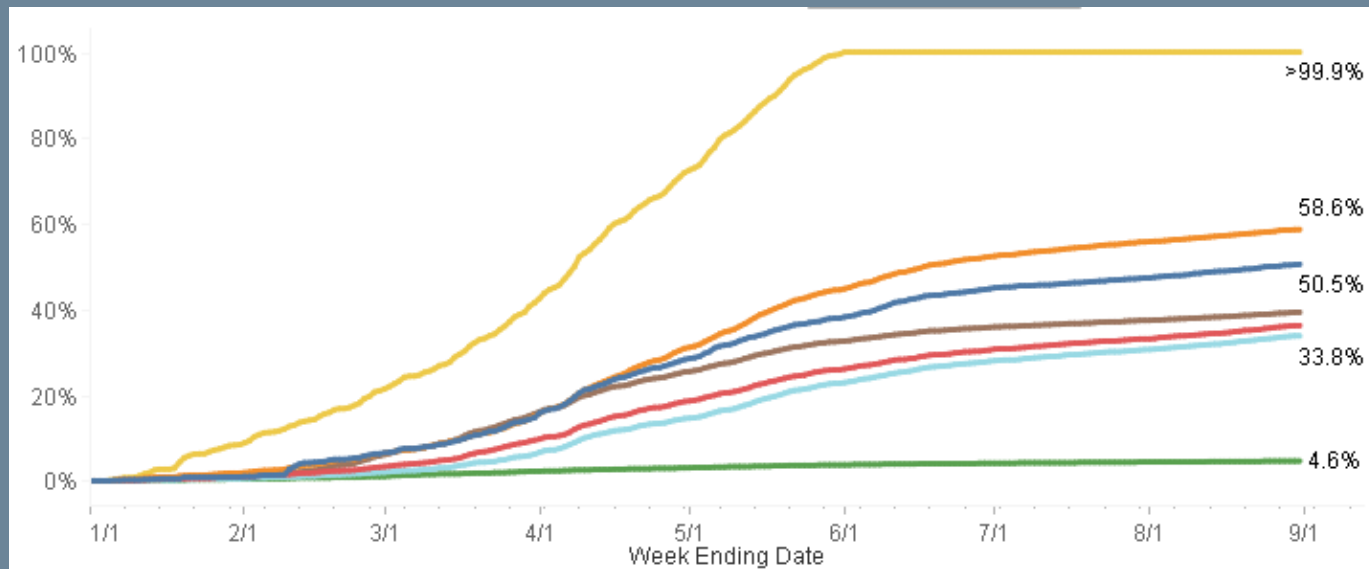
Note: Vaccination breakdowns are updated every Wednesday. Source: <https://covid19.ca.gov/vaccination-progress-data/#equitably-across-groups>

Vaccination Progress by Race/Ethnicity



Note: Vaccination breakdowns are updated every Wednesday. Source: <https://covid19.ca.gov/vaccination-progress-data/#equitably-across-groups>

Fully Vaccinated Over Time by Race/Ethnicity



Note: Population estimates do not include "other" or "unknown" race and ethnicity categories, therefore their percentage of state population is not available. Some race/ethnicity groups in this county may have small populations. Where the county of residence was not reported, the county where vaccinated is used. Data is not shown where there are fewer than 11 records in a group.



Note: Vaccination breakdowns are updated every Wednesday. Source: <https://covid19.ca.gov/vaccination-progress-data/#equitably-across-groups>

Definitions – Cases, Deaths, and Positivity Rate

- Cases:
 - Confirmed: Detection of SARS-CoV-2 RNA in a clinical specimen (swab) using a molecular amplification detection test (PCR).
 - A patient is counted only once if they have multiple positive tests.
 - Not Counted: Antigen or antibody tests.
 - Episode date is the estimated earliest date of the case's illness.
- Deaths:
 - COVID-19 is listed as the leading cause of death or significant condition on the death certificate as per CDPH's definition. May be removed from the total once the final ICD-10 code is received.
 - There is a substantial delay in receiving notification of deaths. Totals by week will change as PHS receives information.
- Positivity Rate:
 - Positivity rate is calculated as the number of positive molecular tests divided by the total molecular tests performed.

Definitions - Outbreaks

- **Health Care Facilities:**

- Acute Hospital Facilities:
 - Patients: At least two lab confirmed COVID-19 in patients 7 days after admission for a non-COVID condition in which: (a) have a common source (i.e., unit and/or healthcare provider), (b) are not contacts to one another outside the facility, (c) are from different households.
 - Health Care Providers: 2-3 lab confirmed cases within two weeks in which (a) have a common source (i.e., unit), (b) are not contacts to one another outside the facility, (c) are from different households.
- Long-Term Care Facilities: At least one lab confirmed COVID-19 in a resident, that was acquired in the facility.

For more detailed information, refer to <https://www.cdph.ca.gov/Programs/CHCQ/LCP/Pages/AFL-20-75.aspx>

- **Non-Health Care Facilities:**

- Residential Congregate Settings (non-healthcare): At least three probable or confirmed cases (residents and/ or employees) within two weeks in which: (a) have common source and (b) are not identified as contacts to each other in any other case investigation.
 - Examples include dormitories, group homes, jails, prisons, shelters.
- Non-Residential Congregate Settings (non-healthcare): At least three probable or confirmed cases within two weeks in which: (a) have a common source, (b) are from different households, (c) are not identified as contacts to each other in any other case investigation.
 - Examples include workplaces, childcare facilities, schools, weddings, churches.

For more detailed information, refer to <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/OutbreakDefinitionandReportingGuidance.aspx>

Sources

- Data Systems:

- California Reportable Disease Information Exchange (CalREDIE), Data Distribution Portal.
- California Connected System (CalCONNECT).
- Healthy Futures and California Immunization Registry (CAIR2) .
- California Department Of Finance 2021 Population Projections.

- Websites:

- “Tracking COVID-19 in California” <https://covid19.ca.gov/state-dashboard/>
- “Vaccination Progress Data” <https://covid19.ca.gov/vaccination-progress-data/>
- “California’s Commitment to Health Equity” <https://covid19.ca.gov/equity/>

Disclaimers

- Data are preliminary and subject to change as information is verified. Numbers do not represent true day-over-day changes as these results include cases from prior days. This information may not match other state websites due to differences in when the data was pulled, and the data sources used.
- Case/Death Counts by Jurisdiction and ZIP Code are processed through geocoding software to determine if they are found within the City Limits or ZIP Code boundaries. Cases without a known address, cases that are homeless, and cases with street addresses that cannot be accurately located are not included in the Case/Death Counts but are included in the County total.
- Variant cases: Do not represent the total number of variant infections. Positive COVID-19 samples are randomly selected and tested by CDPH and other labs. San Joaquin County Public Health Services does not control any aspect of the sampling completed by CDPH or other labs.
- Vaccinations: Population estimates are for individuals 12 years and older. The reporting of vaccine administration data into the immunization registries is consistently an under-count of actual number of doses administered locally, due to incomplete and delayed reporting into these systems. Providers that receive the vaccine are responsible for entering information into an immunization registry (Healthy Futures or CAIR2). Vaccine administration data is extracted from these registries. Administered doses are not counted if there is uncertainty regarding the county of residence. If the patient's address is missing, their administration site (i.e., Dameron) will be used as a proxy. May not include the following vaccinations of San Joaquin Residents: Individuals vaccinated but are not reported in California Immunization Registries or vaccinated at Federal facilities (VA, Prisons, Skilled Nursing Facilities).
- For “>99.9%” values: These values should be interpreted with caution as they may result from numerator-denominator mismatches for the following reasons: 1) Population projections are estimates and thus have a margin of error; this error can result in >99.9% values particularly for small populations. 2) Individuals identifying with race/ethnic groups outside of Federal Office of Management and Budget (OMB) classifications may cause those groups to exceed 99.9% (e.g. Asian ethnicities identifying as NHPI). 3) Metrics for small populations may be disproportionately affected by geocoding errors or non-resident individuals.