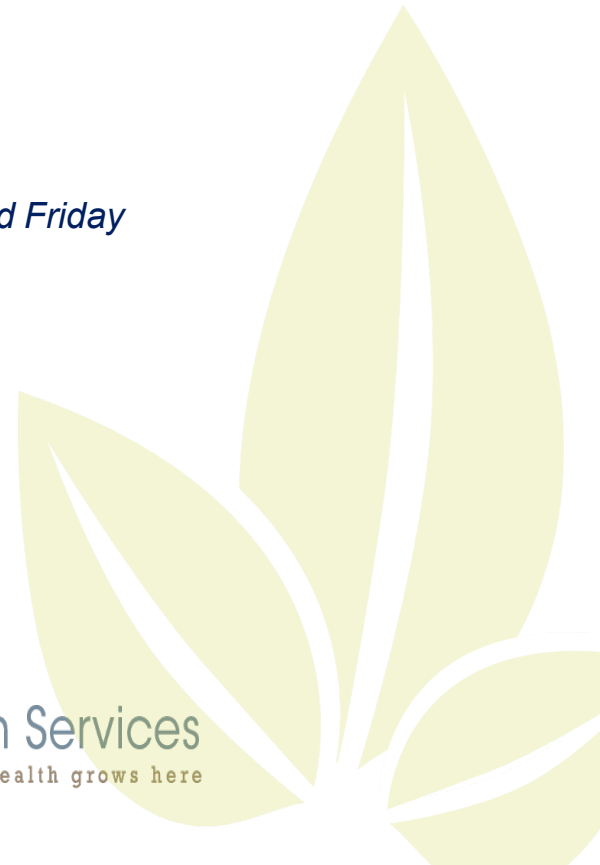


COVID-19 Data Report

Data through August 19, 2021

Updated August 20, 2021

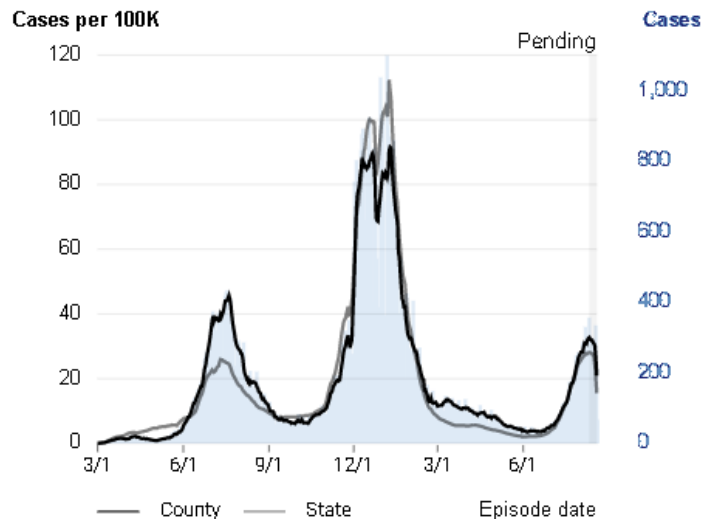
*Starting August 16th: updated every Monday, Wednesday and Friday
(excluding holidays) by 3pm*



Total Number of Cases and Deaths

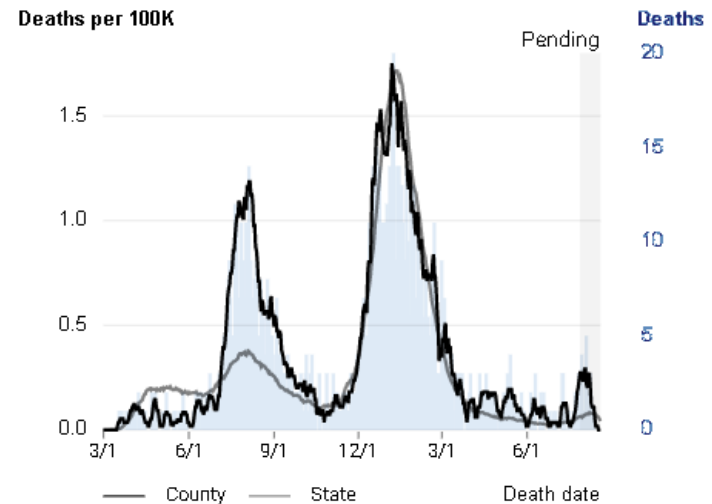
Total Cases

82,047 total confirmed cases
446 new cases (0.5% increase)
32.1 cases per 100K (7-day average)



Total Deaths

1,491 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	14,491	163	227	2	860.2
Escalon	842	6	13	0	1,126.0
Lathrop	2,738	20	23	0	1,020.4
Lodi	7,132	85	176	1	1,049.9
Manteca	8,016	59	124	1	945.3
Ripon	1,595	21	23	0	1,001.3
Stockton	35,397	324	788	1	1,111.3
Tracy	8,784	79	91	0	915.7

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	704	8	33	0	972.8
95203	1,845	21	39	0	1,044.4
95204	3,320	32	85	0	1,048.2
95205	4,798	55	113	0	1,117.6
95206	8,659	94	146	0	1,181.3
95207	5,621	59	160	1	1,058.6
95209	4,830	45	102	0	1,079.1
95210	4,734	28	111	0	1,068.9
95211	8	0	0	0	34.6
95212	3,209	32	41	0	1,128.1
95215	2,721	35	50	1	1,026.7
95219	2,478	24	41	0	785.4
95220	592	6	10	0	736.1
95227	65	0	1	0	577.3
95230	31	0	0	0	590.5
95231	501	5	11	0	1,012.1
95234	0	0	0	0	0.0
95236	403	3	7	0	835.6
95237	323	5	6	0	909.9

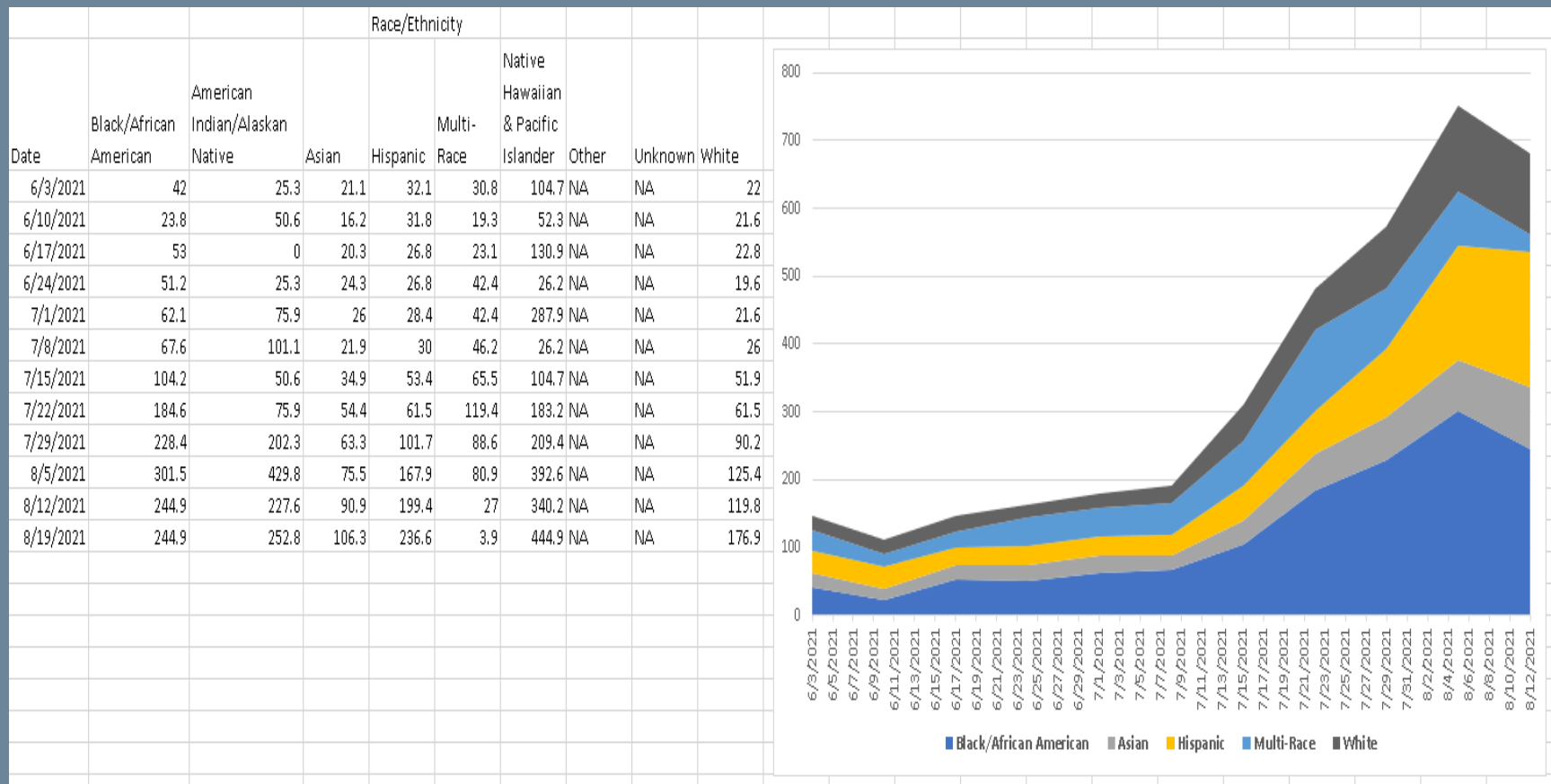
Note: New cases and deaths are new reports that were received since the last update. The total number of cases and deaths noted here is since the beginning of the pandemic on March 1, 2020.

Cases and Deaths by ZIP Code (2 of 2)

Zip Code	Case Count	New Cases	Death Count	New Deaths	Case Rate per 10K
95240	5,628	71	159	2	1,056.1
95242	2,416	23	39	0	841.0
95253	0	0	0	0	0.0
95254	0	0	0	0	0.0
95258	403	3	8	0	962.0
95304	1,305	10	5	0	754.9
95320	1,317	10	18	0	923.1
95330	2,771	20	24	0	1,372.5
95336	4,459	39	86	0	927.2
95337	4,163	24	48	1	1,168.2
95361	20	0	2	0	328.9
95366	1,824	22	24	0	980.1
95367	1	0	0	0	303.0
95376	5,460	40	73	0	964.6
95377	3,074	34	17	0	879.3
95391	1,133	7	4	0	482.0
95632	85	1	0	0	574.3
95686	94	1	2	0	618.0

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

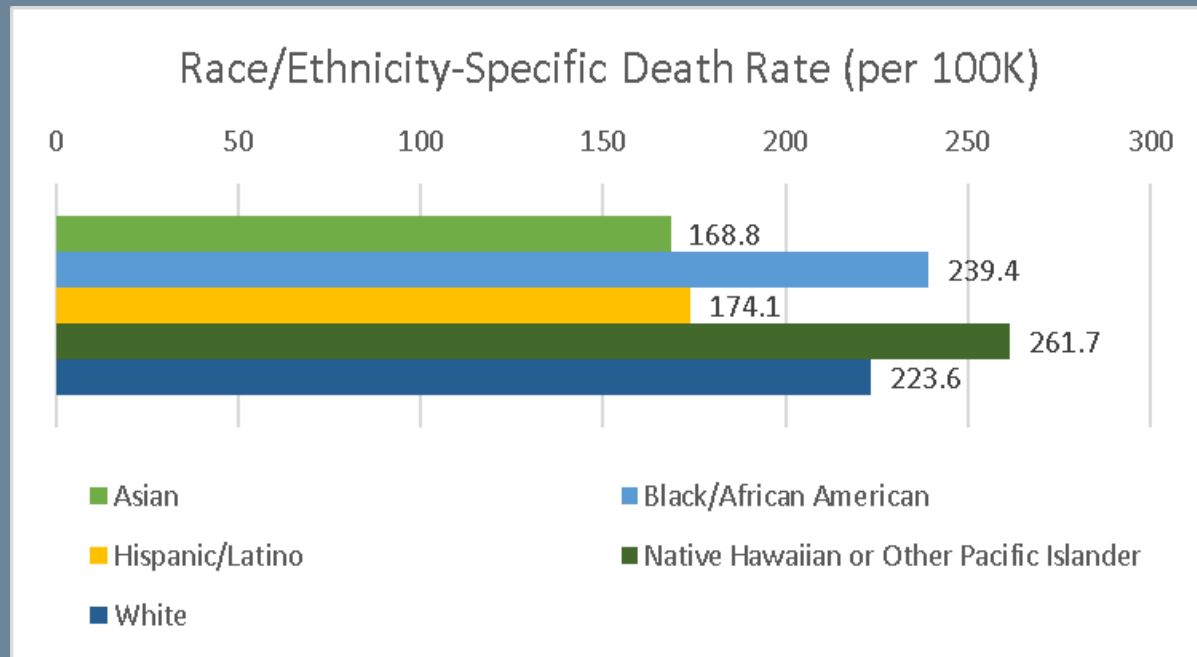


Notes: 7-day case rate (episode date with no lag). This stacked area shows the magnitude of change over time and to draw attention to total cases over time. American Indian/Alaskan Native and Native Hawaiian/Other Pacific Islander are not included in the graph due to unstable rates.

- In the past month, increase in case rate among Black/African Americans and Hispanics.

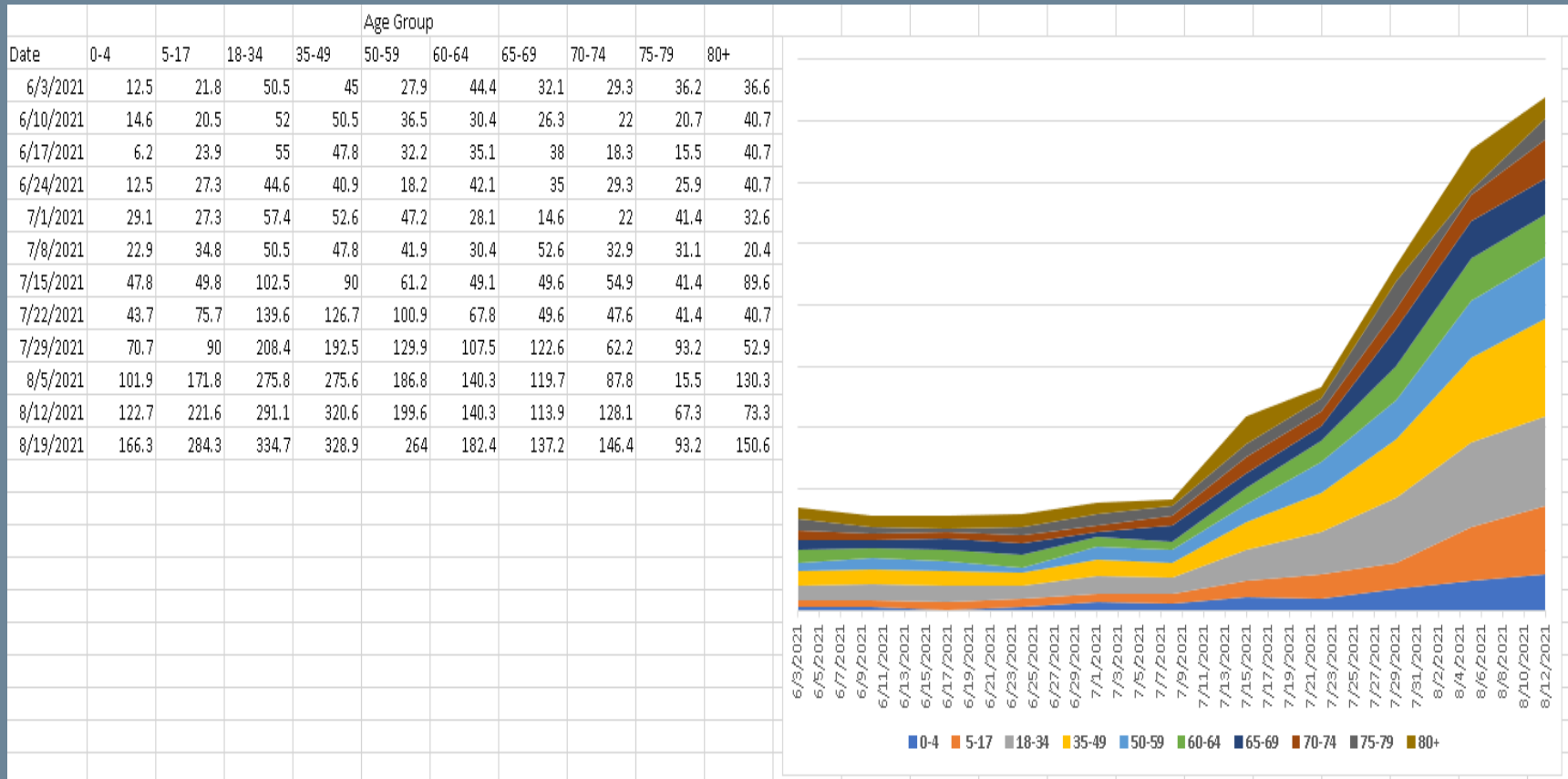
Deaths by Race/Ethnicity

Race/Ethnicity	% Pop	Total Deaths	% Deaths
Asian	15.7	208	13.7
Black/African American	7.0	131	8.6
Hispanic/Latino	40.9	558	36.8
Native Hawaiian or Other Pacific Islander	0.5	10	0.7
White	32.0	560	36.9



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

Case Rate Over Time by Age Group

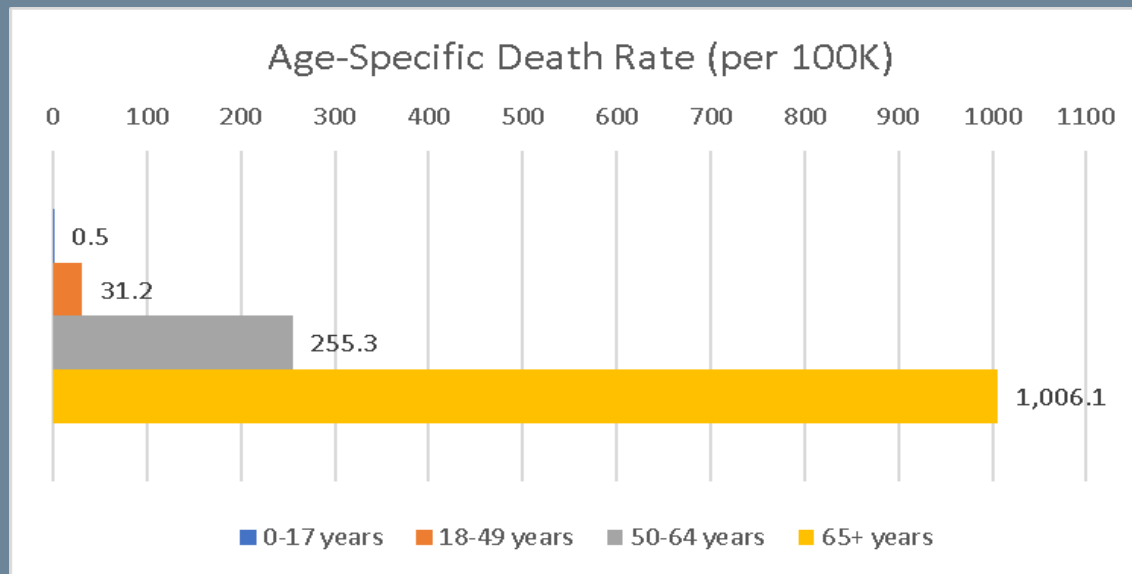


Note: 7-day case rate (episode date with no lag). This stacked area shows the magnitude of change over time and to draw attention to total cases over time.

- In the past month, increase in case rate among 18–34-year-olds and 35–49-year-olds. Increasing of 5–17-year-olds since late July.

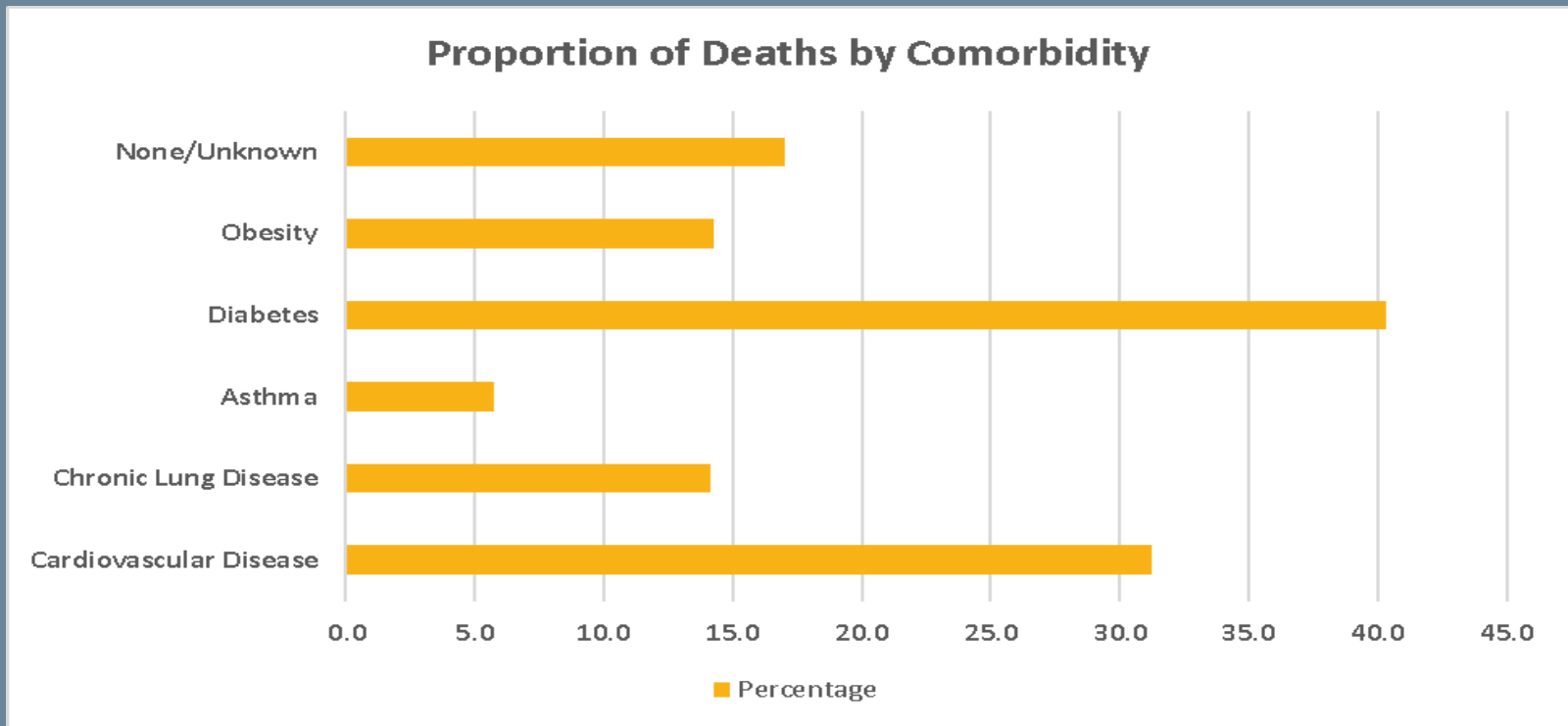
Deaths by Age Group

Age Group	% Pop	Total Deaths	% Deaths
0-17 years	24.9	1	0.1
18-49 years	44.3	108	7.1
50-64 years	17.4	347	22.9
65+ years	13.5	1061	70.0



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

Deaths by Comorbidities



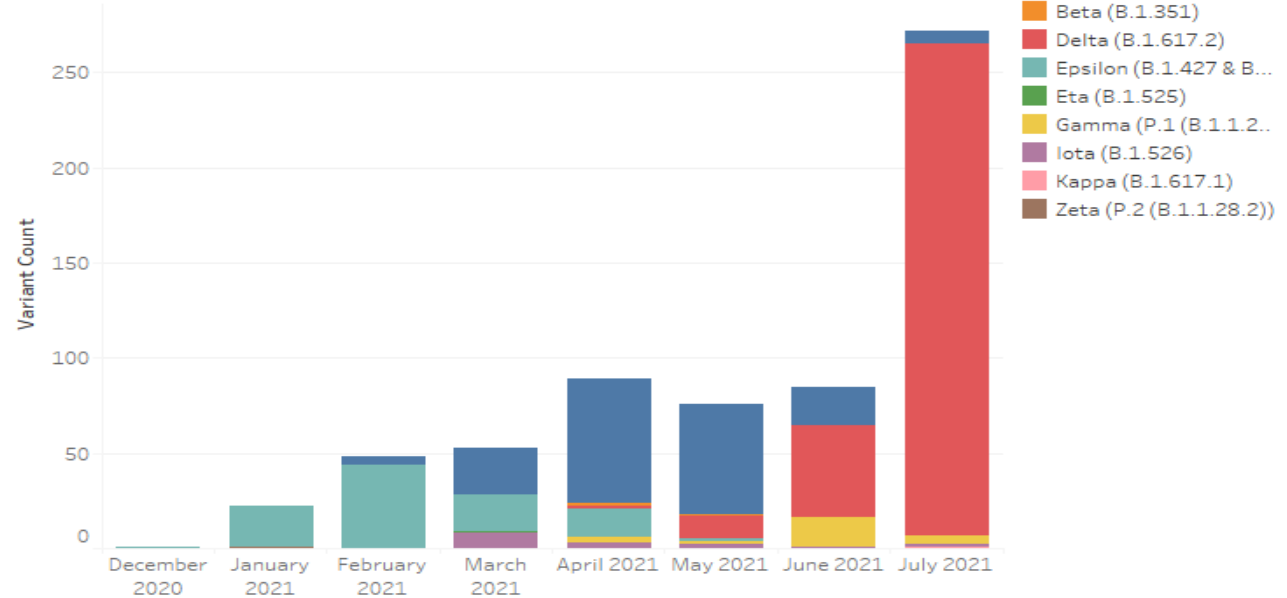
Note: Will not total 100%. Cases may have more than one comorbidity.

Variants of Interest/Concern

Total Variants

Alpha (B.1.1.7)	179
Beta (B.1.351)	3
Delta (B.1.617.2)	320
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)	15
Kappa (B.1.617.1)	1
Zeta (P.2 (B.1.1.28.2))	1
Grand Total	646

Specimens by Sequence Date



Variant Count By Type and Month

	December 2020	January 2021	February 2021	March 2021	April 2021	May 2021	June 2021	July 2021
Alpha (B.1.1.7)			4	25	65	58	20	7
Beta (B.1.351)					2	1		
Delta (B.1.617.2)					1	12	49	258
Epsilon (B.1.427 & B.1.429)	1	21	44	19	15	1		
Eta (B.1.525)				1				
Gamma (P.1 (B.1.1.28.1))					3	2	15	5
Iota (B.1.526)				8	3	2	1	1
Kappa (B.1.617.1)								1
Zeta (P.2 (B.1.1.28.2))		1						
Grand Total	1	22	48	53	89	76	85	272

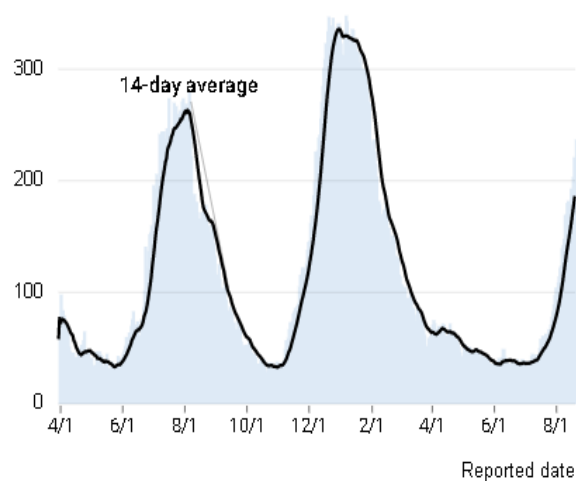
Note: There is a reduction in the recent number of variants due to laboratory reporting issues to PHS and CDPH has been notified regarding the problem.

Total Hospitalizations and ICU Beds

Total Hospitalizations

237 COVID-19 hospitalized patients

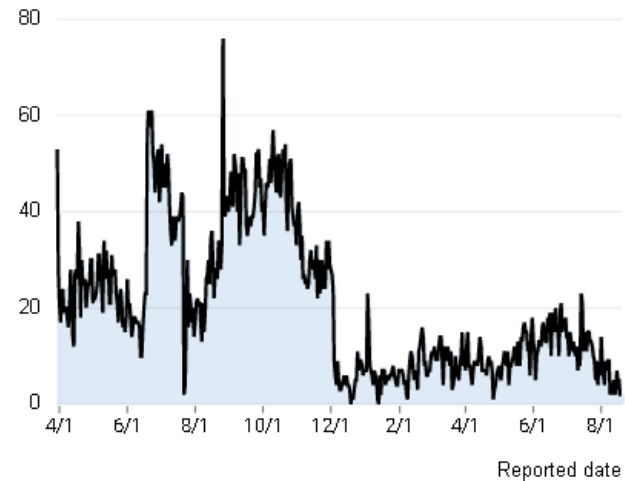
18 more patients hospitalized from prior day total (8.2% increase)



ICU Beds Available

2 ICU beds available

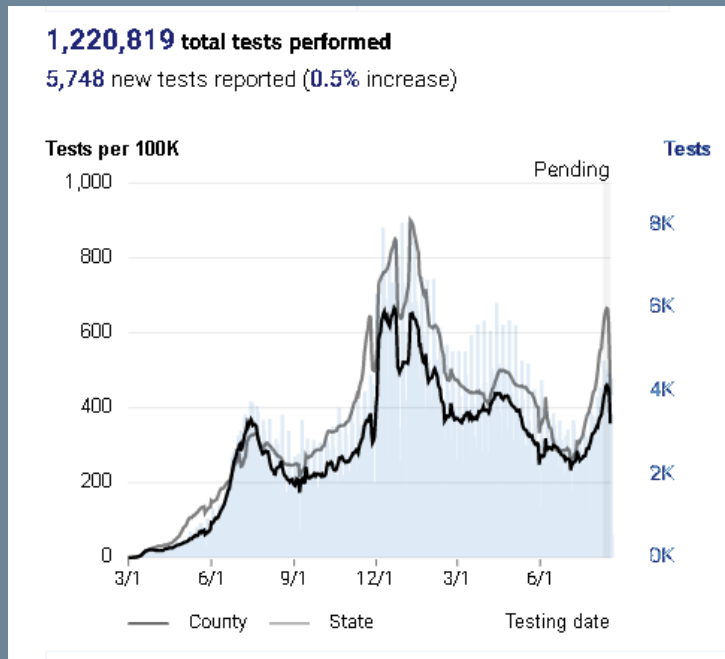
0 more ICU beds available from prior day total (0% increase)



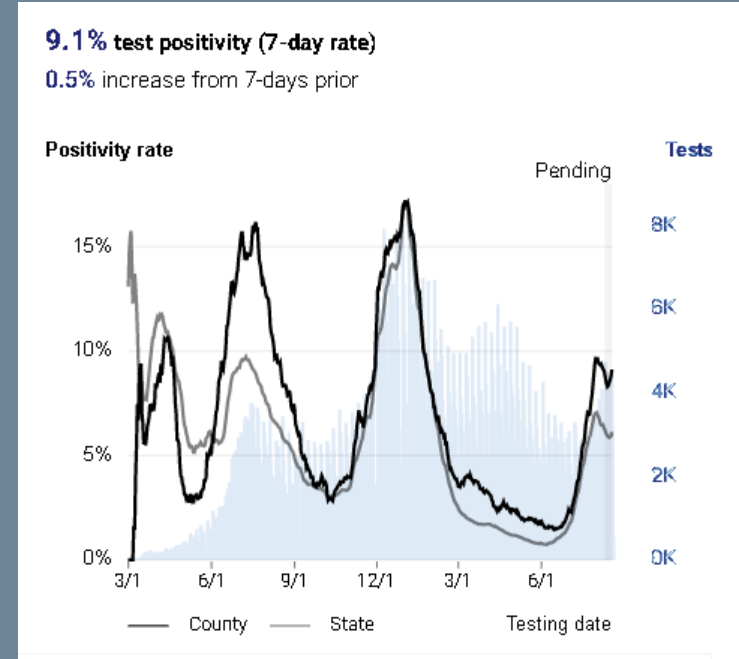
Note: Includes the number of ICU beds and hospitalized patients in San Joaquin County, regardless of residency. Directional change is compared to the prior day. Data is provided by the California Department of Public Health. The total number is since the beginning of the pandemic on March 1, 2020. Source: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

Testing and Positivity Rate

Tests Performed



Positivity Rate

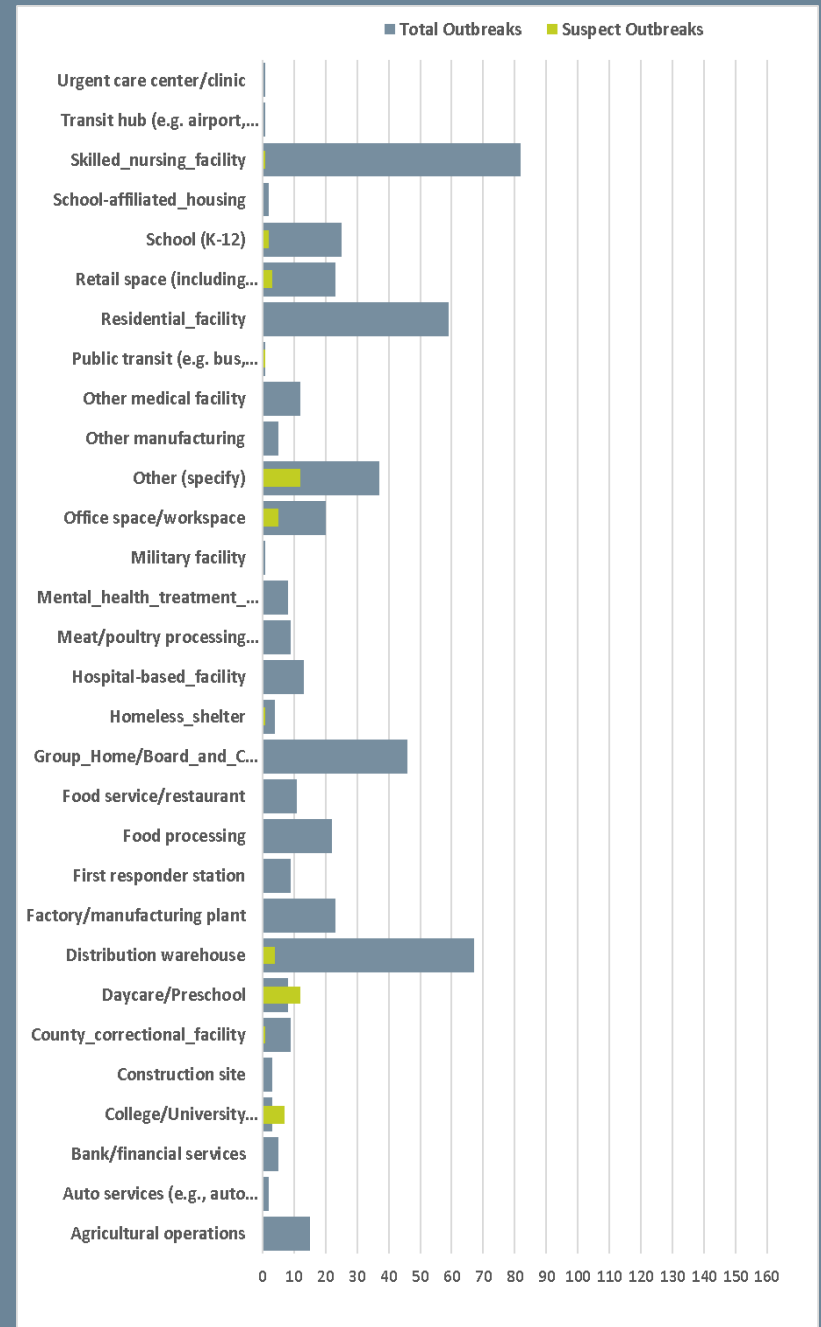


Note: Testing date is the date the test was administered. Test positivity is based on a 7-day average with no lag. Directional change is compared to the prior 7-day period. Data is provided by the California Department of Public Health. The total number is since the beginning of the pandemic on March 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)

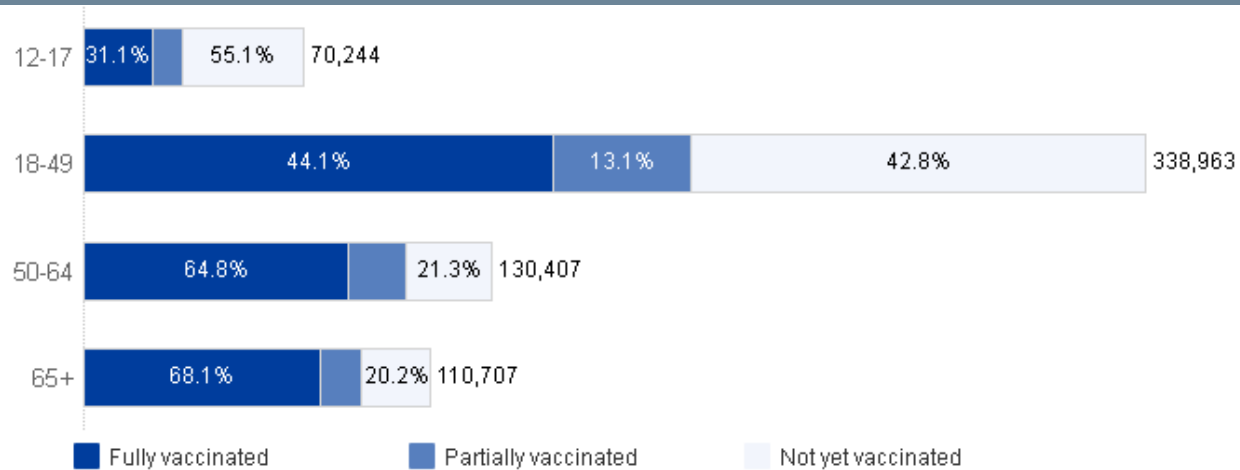


Vaccinations by Jurisdiction

Jurisdiction	Population	Total Vaccinations	Fully Vaccinated	% Fully Vaccinated	Partially Vaccinated	% Partially Vaccinated
Unincorporated	166,467	24,724	21,155	12.7	3,569	2.1
Escalon	6,104	5,618	4,900	80.3	718	11.8
Lathrop	18,226	15,865	13,706	75.2	2,159	11.8
Lodi	53,933	38,077	32,429	60.1	5,648	10.5
Manteca	65,240	48,444	42,036	64.4	6,408	9.8
Ripon	13,094	8,772	7,697	58.8	1,075	8.2
Stockton	252,326	188,004	156,232	61.9	31,772	12.6
Tracy	74,931	64,759	56,053	74.8	8,706	11.6
Unknown	<i>n/a</i>	1,243	816	<i>n/a</i>	427	<i>n/a</i>
Total	650,321	395,506	335,024	51.5	60,482	9.3

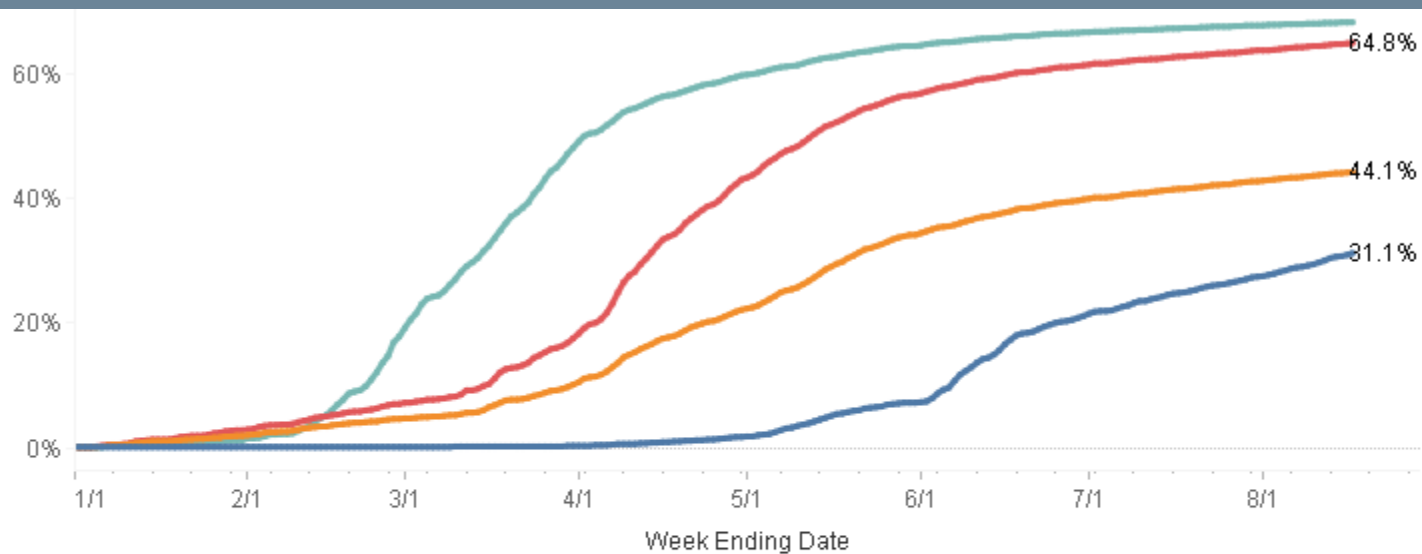
Note: Population estimates have been updated to 2021 DoF projections to be more consistent with State reporting.

Vaccination Progress by Age Group



Source: <https://covid19.ca.gov/vaccination-progress-data/#equitably-across-groups>

Fully Vaccinated Over Time by Age Group

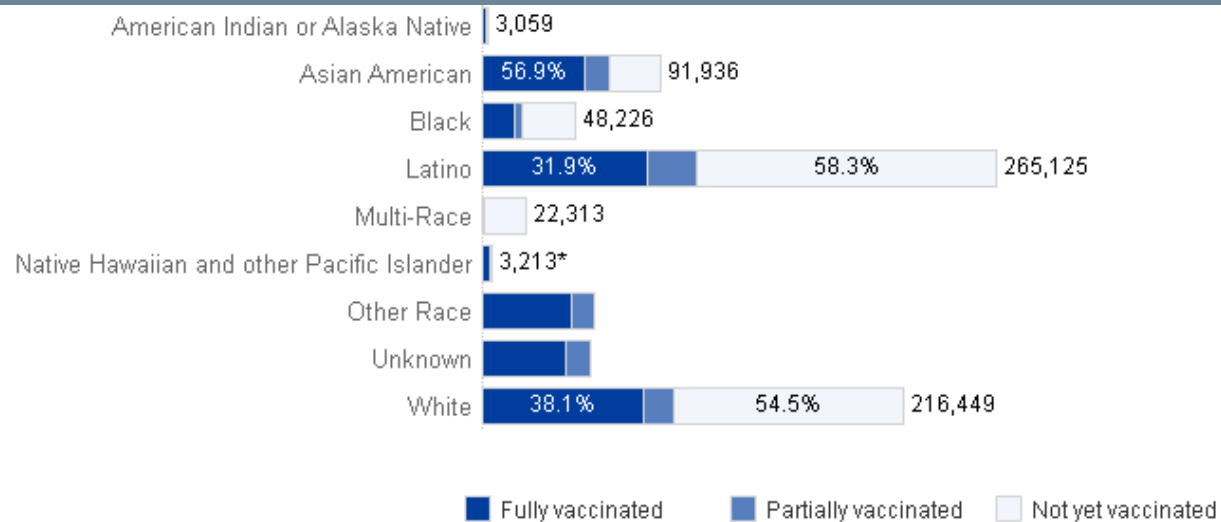


Note: Unknown age represents fewer than 0.01% of records and are therefore omitted. Where the county of residence was not reported the county where vaccinated is used. Data is not shown where there are fewer than 11 records in a group.

■ 12-17 ■ 18-49 ■ 50-64 ■ 65+

Source: <https://covid19.ca.gov/vaccination-progress-data/#equitably-across-groups>

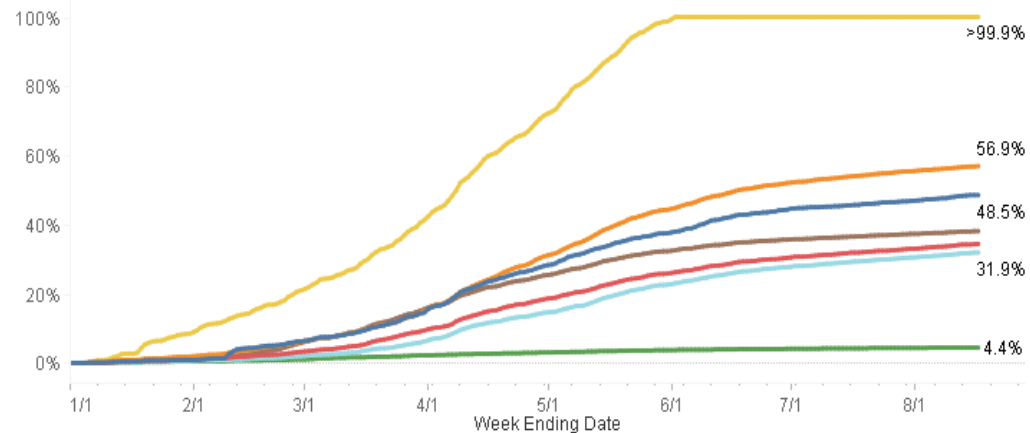
Vaccination Progress by Race/Ethnicity



* More self-identified vaccine recipients in this category than the estimated eligible population

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 no reported, the county where vaccinated is used. Data is not shown where there are fewer than 11 records in a group.



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 NHP1). 3) Metrics for small populations may be disproportionately affected by geocoding errors or non-resident individuals.