

COVID-19 Data Report

Data through January 9, 2022

Updated January 10, 2022

Update Schedule: Every Monday, Wednesday and Friday (excluding holidays) by 3pm

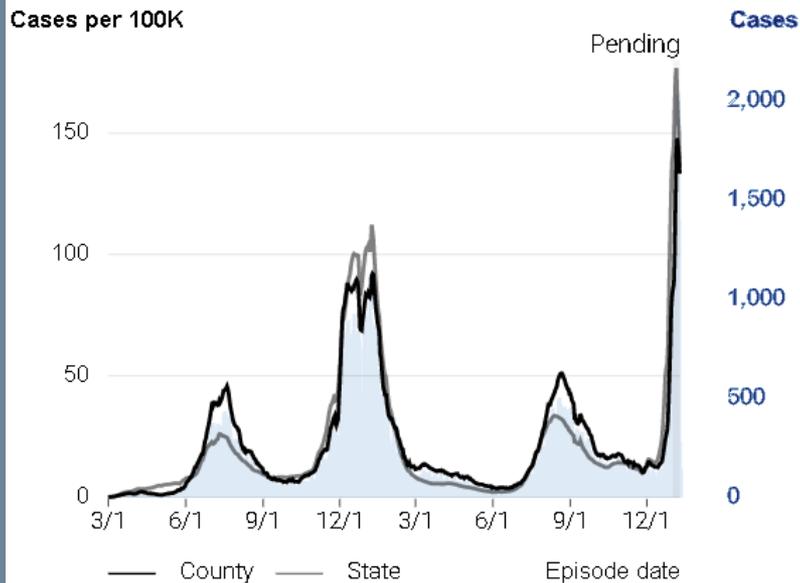


Total Number of Cases and Deaths

Total Cases

- Total Number of Cases: 117,812
- Total New Cases Since Previous Report: 5,963

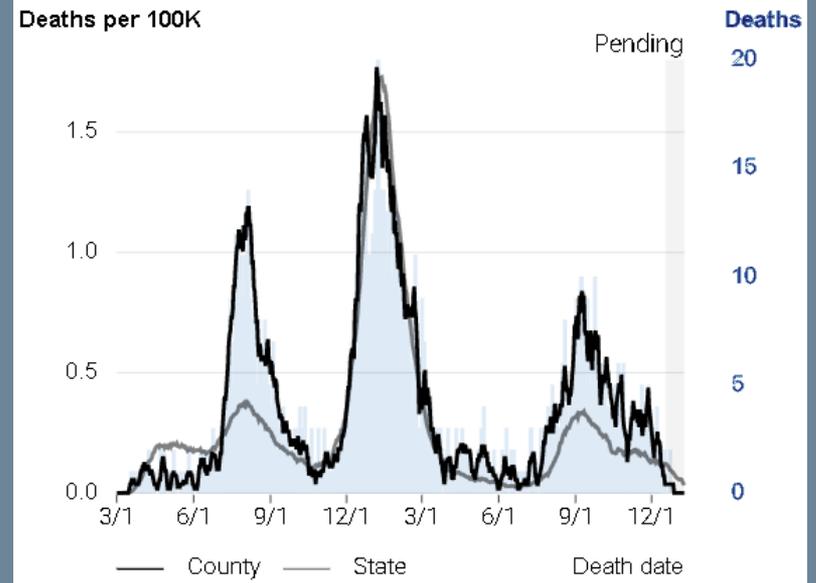
87.8 cases per 100K (7-day average)



Total Deaths

- Total Number of COVID-19 Related Deaths: 1,926
- Total New Deaths Since Previous Report: 17

0.04 deaths per 100K (7-day average)



*Note: Case and Death Totals presented without lag. 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 receiving death certificates. 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. Total new cases and new deaths are the difference between the updated weekly report and the previous report. Source: <https://covid19.ca.gov/state-dashboard/> ****Today's updates from the State dashboard have been updated with data up to January 9, 2022*****

There are currently Data transmission issues causing a delay in case counts. We are currently reporting all available data until the issue is resolved.

Cases and Deaths by Jurisdiction

Jurisdiction	Case Total	New Cases	Death Total	New Deaths	Case Rate per 10K (Total)
Unincorporated	20,580	984	328	3	1,221.6
Escalon	1,199	39	19	0	1,603.4
Lathrop	3,907	250	33	1	1,456.0
Lodi	10,197	395	212	1	1,501.1
Manteca	11,202	438	179	3	1,321.0
Ripon	2,219	66	29	0	1,393.0
Stockton	49,026	2,498	951	8	1,539.2
Tracy	12,849	848	116	1	1,339.4

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 (Total)
95202	1,034	34	40	0	1,428.8
95203	2,523	92	45	0	1,428.2
95204	4,644	219	103	0	1,466.2
95205	6,619	257	148	4	1,541.7
95206	11,552	519	189	0	1,575.9
95207	7,952	443	186	1	1,497.6
95209	6,946	418	117	1	1,551.9
95210	6,387	292	132	0	1,442.2
95211	10	0	0	0	43.3
95212	4,481	277	61	2	1,575.3
95215	3,646	132	71	0	1,375.7
95219	3,650	248	53	2	1,156.8
95220	848	30	15	0	1,054.5
95227	86	5	1	0	763.8
95230	47	0	1	0	895.2
95231	634	17	14	0	1,280.8
95234	0	0	0	0	0.0
95236	555	13	9	0	1,150.7
95237	485	23	6	0	1,366.2

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.

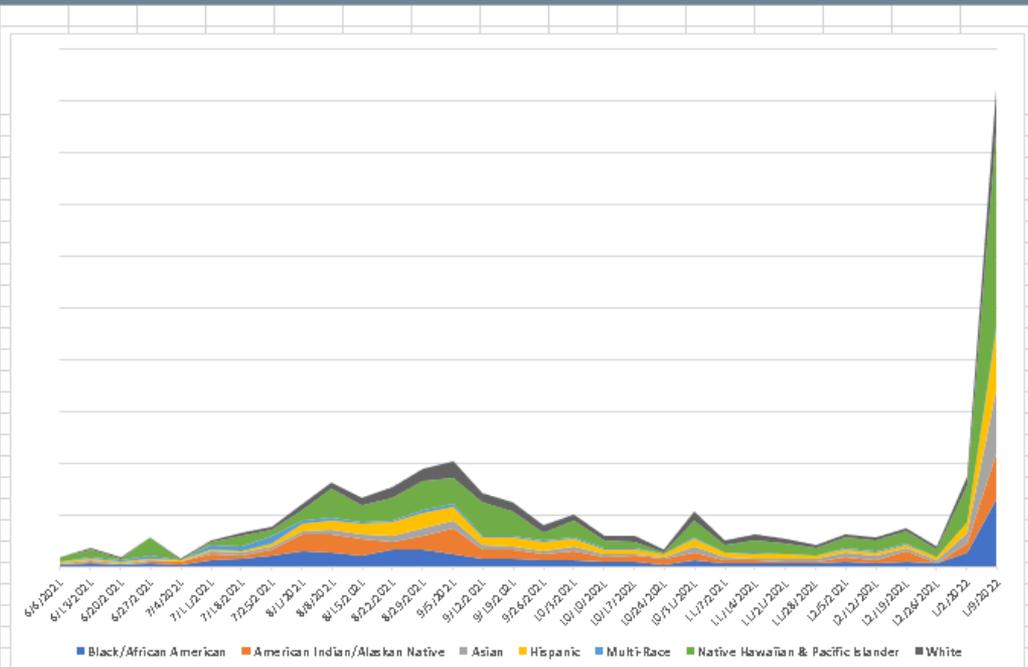
Cases and Deaths by ZIP Code (2 of 2)

Zip Code	Case Count	New Cases	Death Count	New Deaths	Case Rate per 10K (Total)
95240	7,894	252	190	1	1,481.4
95242	3,594	183	50	0	1,251.1
95253	0	0	0	0	0.0
95254	0	0	0	0	0.0
95258	599	37	10	0	1,429.9
95304	1,890	121	14	0	1,093.3
95320	1,867	60	27	0	1,308.6
95330	3,944	252	34	1	1,953.4
95336	6,172	232	113	1	1,283.4
95337	5,899	237	82	2	1,655.3
95361	51	5	2	0	838.8
95366	2,490	69	30	0	1,338.0
95367	2	0	0	0	606.1
95376	7,840	454	90	0	1,385.1
95377	4,585	353	24	1	1,311.5
95391	1,997	230	6	0	849.6
95632	116	2	1	1	783.8
95686	140	12	3	0	920.4

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

Date	Race/Ethnicity						
	Black/African American	American Indian/Alaskan Native	Asian	Hispanic	Multi-Race	Native Hawaiian & Pacific Islander	White
6/6/2021	36.5	0	13	32.8	11.6	78.5	18.8
6/13/2021	51.2	50.6	21.9	29.3	27	157	27.6
6/20/2021	42	0	21.9	24.3	38.5	26.2	18.4
6/27/2021	45.7	50.6	27.6	29	53.9	340.2	18.4
7/4/2021	38.4	50.6	11.4	15.6	7.7	0	13.6
7/11/2021	118.8	126.4	37.3	52.1	77	52.3	43.5
7/18/2021	135.2	75.9	41.4	55.2	69.3	209.4	60.3
7/25/2021	213.8	101.1	58.4	78	138.7	104.7	72.7
8/1/2021	283.2	328.7	68.2	145.4	69.3	209.4	114.2
8/8/2021	257.7	354	82	183.5	61.6	575.8	115.8
8/15/2021	213.8	303.4	103.1	201.6	34.7	314.1	140.6
8/22/2021	319.8	151.7	116	263.7	27	444.9	212.4
8/29/2021	327.1	252.8	170.4	295.5	46.2	549.6	240.8
9/5/2021	243	505.7	138.8	266.2	42.4	523.4	327
9/12/2021	159	151.7	90.9	163.8	30.8	654.3	152.1
9/19/2021	138.9	177	71.4	187.2	19.3	471.1	166.5
9/26/2021	115.1	126.4	67.4	151.4	42.4	157	149.7
10/3/2021	122.4	177	96.6	125.8	30.8	340.2	117
10/10/2021	84.1	101.1	46.3	106.1	7.7	157	91.4
10/17/2021	78.6	126.4	43.8	79	34.7	104.7	114.6
10/24/2021	42	101.1	23.5	55.9	3.9	52.3	57.5
10/31/2021	126.1	151.7	97.4	162	19.3	314.1	182.9
11/7/2021	71.3	50.6	59.2	80.2	3.9	157	87.9
11/14/2021	67.6	50.6	43	87.1	3.9	261.7	95
11/21/2021	54.8	25.3	65.7	78.3	7.7	209.4	78.3
11/28/2021	62.1	25.3	47.1	59.3	15.4	130.9	74.3
12/5/2021	82.2	101.1	74.7	74.9	15.4	209.4	73.5
12/12/2021	71.3	50.6	81.2	76.8	11.6	209.4	67.9
12/19/2021	84.1	202.3	72.2	67.1	7.7	235.5	79.5
12/26/2021	69.4	0	58.4	42.4	3.9	157	49.9
1/2/2022	279.6	151.7	227.2	182.9	11.6	706.6	170.1
1/9/2022	1297.5	885	1227.8	1146.9	69.3	3768.6	810.2

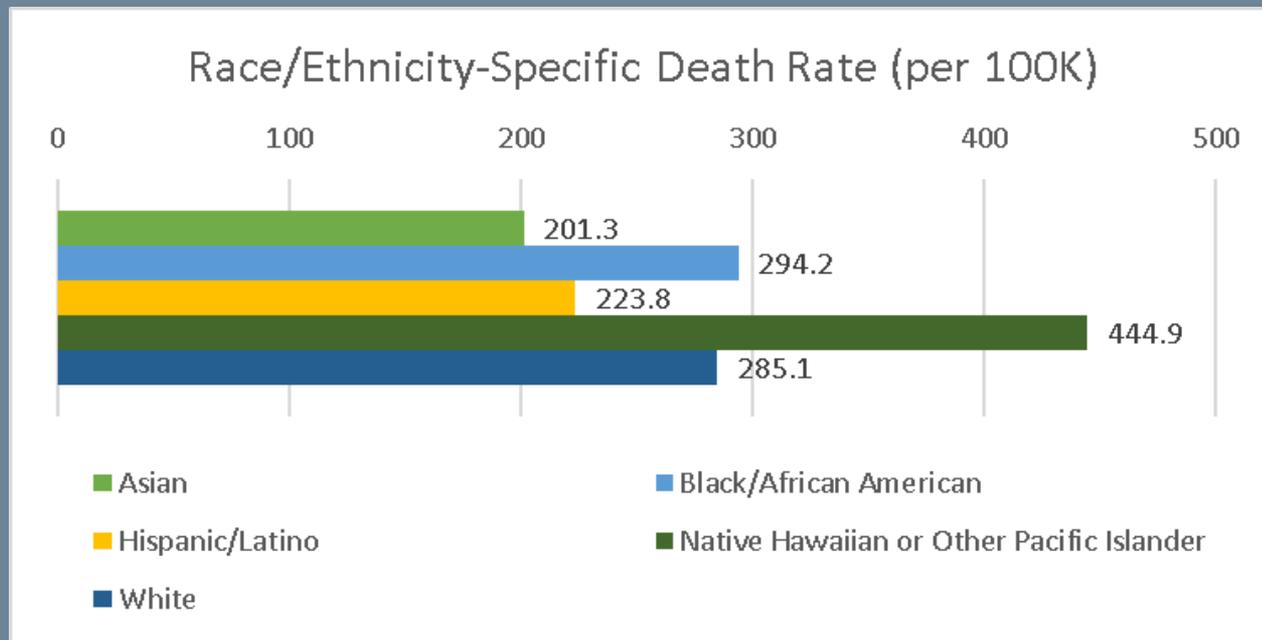


Notes: 7-day case rate (episode date with no lag). This stacked area shows the magnitude of change over time and to draw attention to total cases over time. American Indian/Alaskan Native and Native Hawaiian/Other Pacific Islander are now included in the graph, which has affected the color legend. Additionally,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

- In August, there was an increase in case rate among our most prominent race/ethnicity populations within our County. (i.e. White, Hispanic)
- Since the beginning of September there has been a steady decrease in case rate among all race/ethnicity populations.
- In the end of October and into the beginning of November there was a slight increase in case rate among most race/ethnicity groups, which has since decreased.
- Since the end of November, there has been an increase in case rate among most race/ethnicity populations.

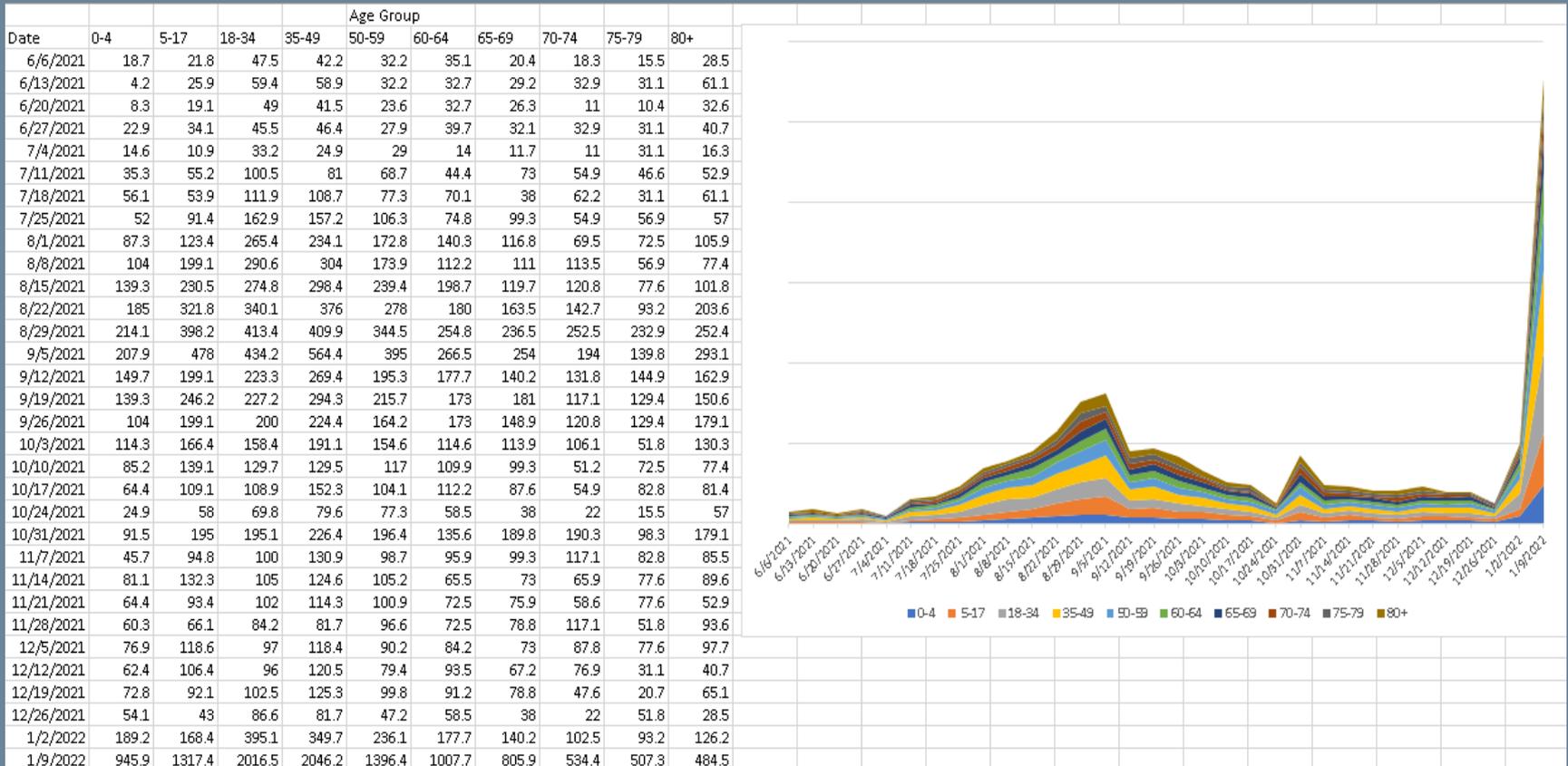
Deaths by Race/Ethnicity

Race/Ethnicity	% Pop	Total Deaths	% Deaths
Asian	15.7	248	12.9
Black/African American	7.0	161	8.4
Hispanic/Latino	40.9	717	37.2
Native Hawaiian or Other Pacific Islander	0.5	17	0.9
White	32.0	714	37.1



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

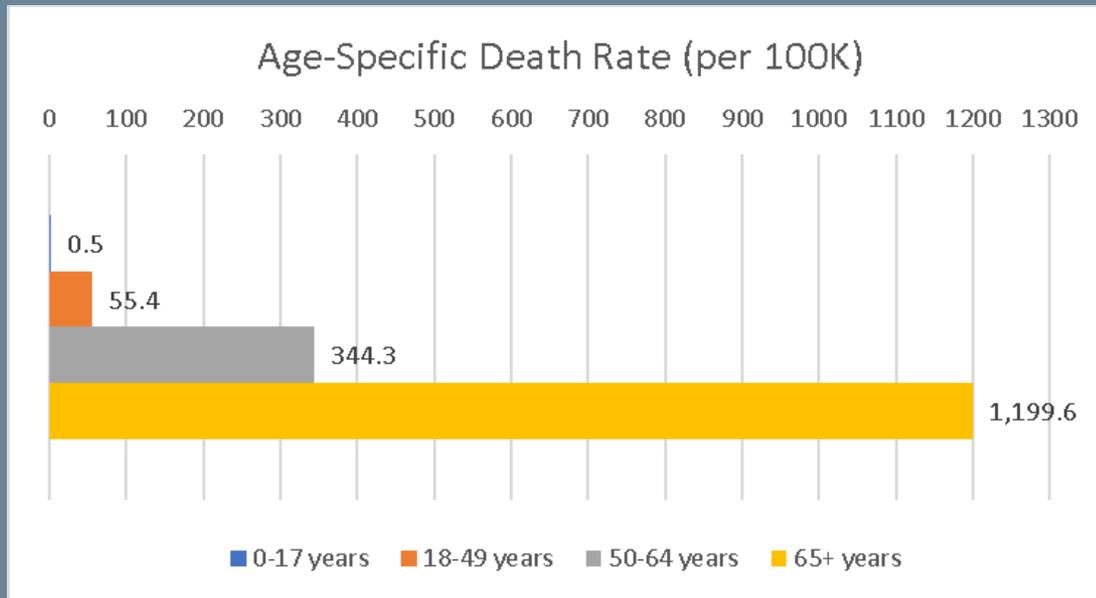


Note: 7-day case rate (episode date with no lag). This stacked area shows the magnitude of change over time and to draw attention to total cases over time.

- In August, there was a dramatic increase in case rate for 5-17-year-olds within our County.
- Since the beginning of September there has been a steady decrease in case rate among all age groups.
- In the end of October and into the beginning of November there was a slight increase in case rate among most age groups, which has since decreased.
- Since the end of November, the case rate amongst all age groups has increased in December.

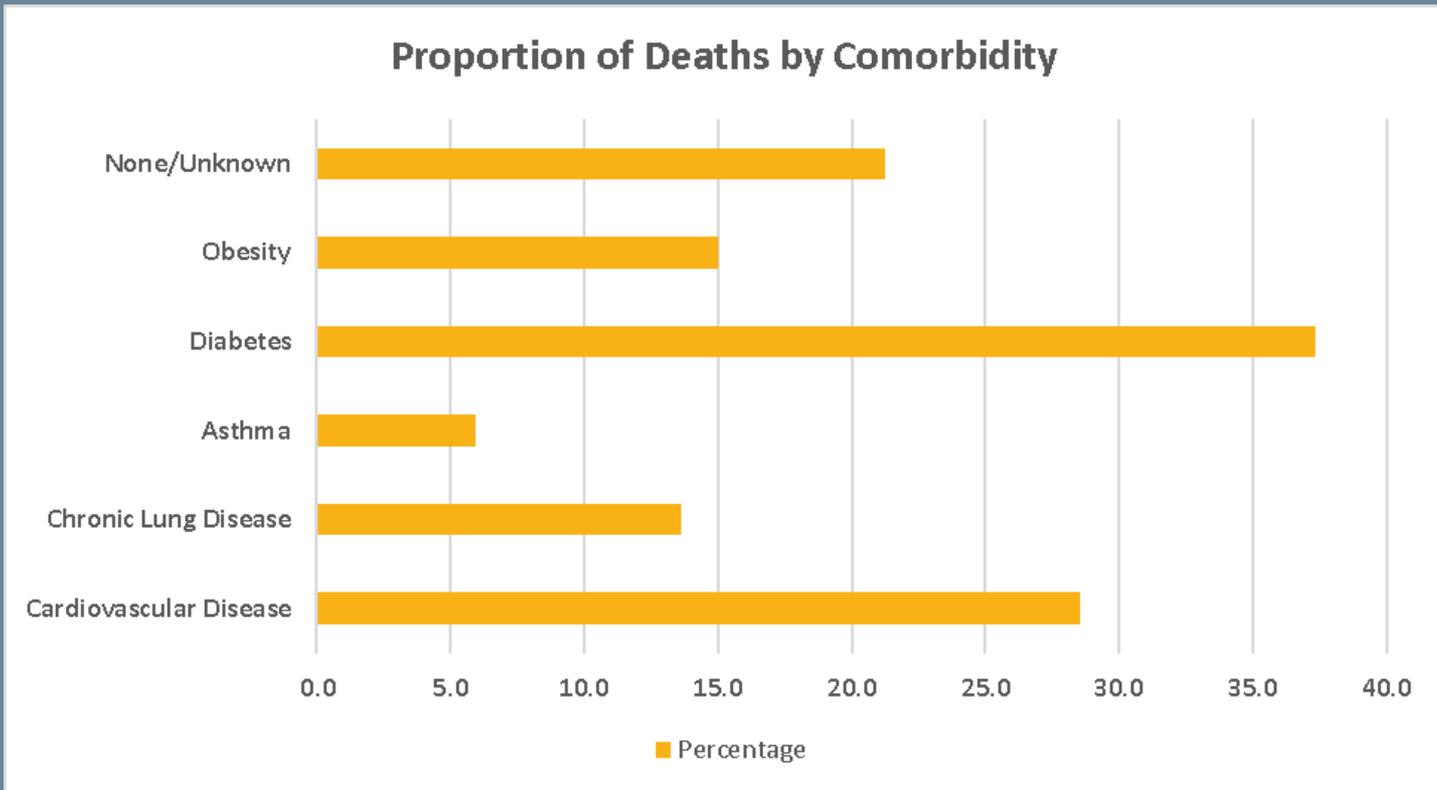
Deaths by Age Group

Age Group	% Pop	Total Deaths	% Deaths
0-17 years	24.9	1	0.1
18-49 years	44.3	192	10.0
50-64 years	17.4	468	24.3
65+ years	13.5	1265	65.7



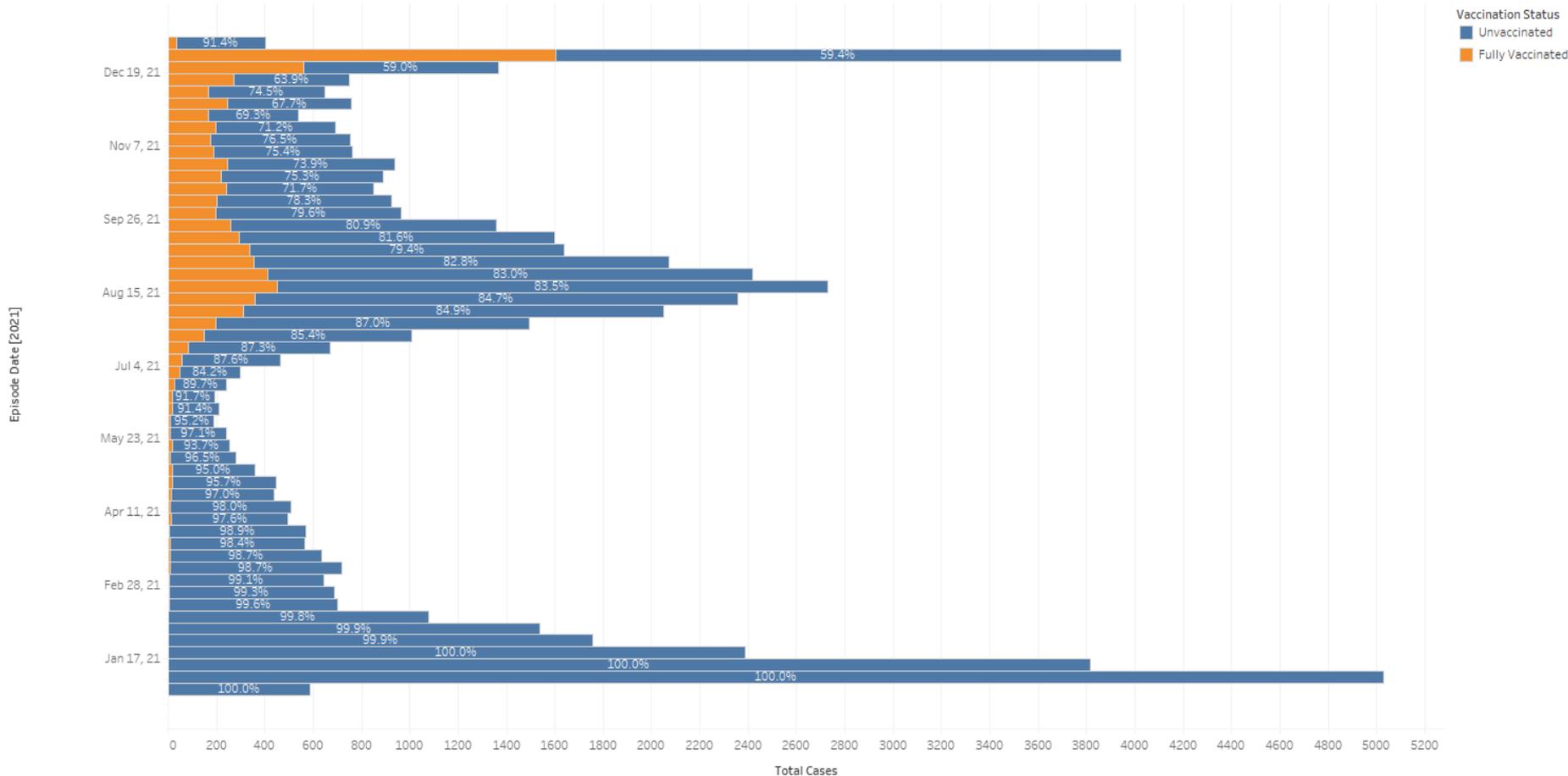
Note: The total number of deaths noted here is since the beginning of the pandemic on March 1, 2020.

Deaths by Comorbidities



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

Post-Vaccine Breakthrough Cases by Week

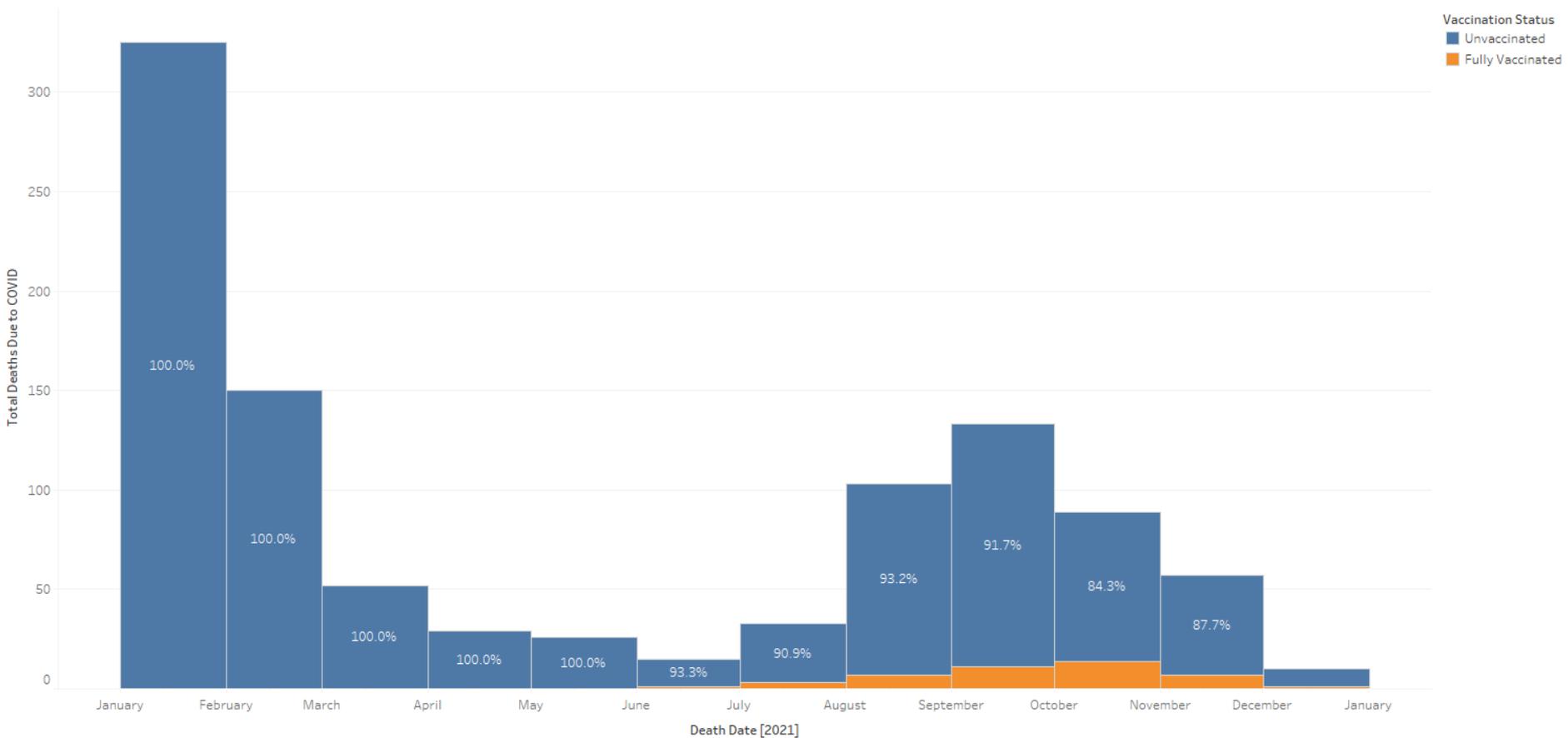


The plot of Total Cases for Episode Date Week. Color shows details about Vaccination Status. The marks are labeled by % of Total Cases, excluding Partially Vaccinated Cases. The data is filtered on Episode Date Year, which keeps 2021 and 2022.

Note: Case Vaccination Status determined by probabilistic matching of the immunization registry and case data, performed by the California Department of Public Health. Per the data provided by CDPH, the blue has been updated to only include Unvaccinated Cases. Partially Vaccinated Cases are not included in this data. Data through January 3, 2022. Updated every Friday.

- The total case count grew in the week of December 26, 2021, with unvaccinated cases making up around 59% of the total.
- 1.35% of our County's fully vaccinated population are breakthrough cases. (This is not depicted in the graph above)

Post-Vaccine Breakthrough COVID-19 Related Deaths by Month



The plot of Total Deaths Due to COVID for Date of Death Month. Color shows details about Vaccination Status. The marks are labeled by % of Total Deaths Due to COVID, excluding Partially Vaccinated Cases. The data is filtered on Death Status, Date of Death Year, and COVID Death Status. The Death Status filter keeps Yes. The Date of Death Year filter keeps 2021 and 2022. The COVID Death Status filter keeps Yes.

Note: Case Vaccination Status determined by probabilistic matching of the immunization registry and case data, performed by the California Department of Public Health. Per the data provided by CDPH, the blue has been updated to only include Unvaccinated Cases. Partially Vaccinated Cases are not included in this data. Data through January 3, 2022. Updated every Friday.

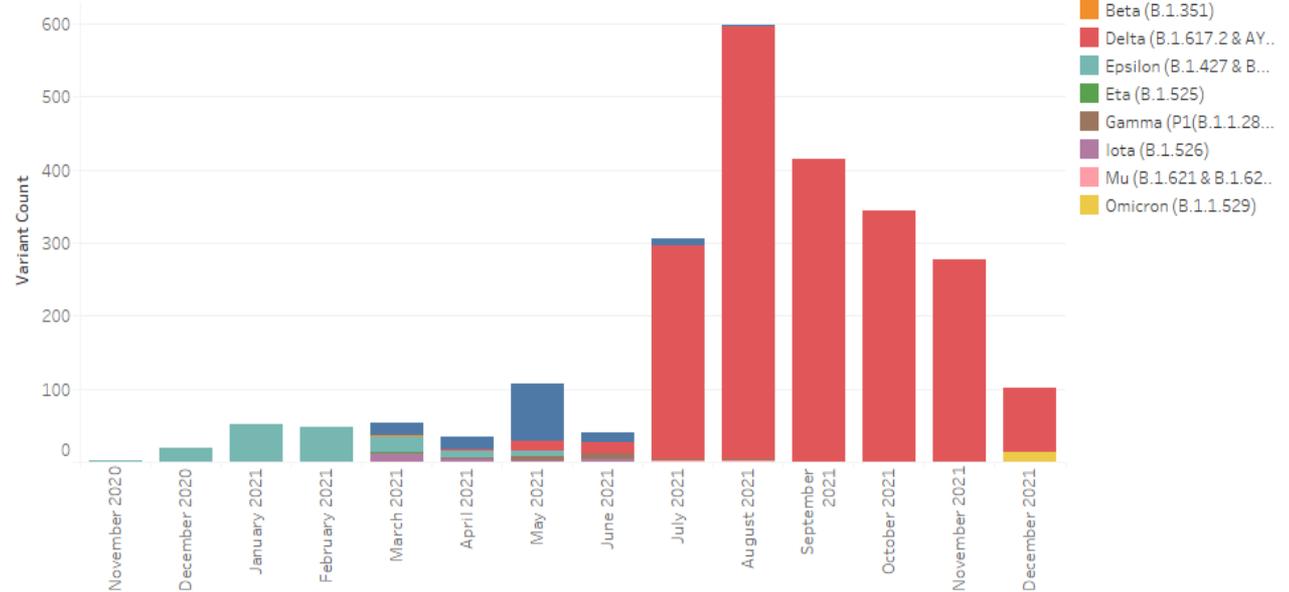
- **90% of the COVID-19 related deaths in December were unvaccinated San Joaquin County residents (excluding partially vaccinated cases).**

Variants of Interest/Concern

Total Variants

Alpha (B.1.1.7)	136
Beta (B.1.351)	1
Delta (B.1.617.2 & AY Lineages)	2,044
Epsilon (B.1.427 & B.1.429)	160
Eta (B.1.525)	1
Gamma (P1(B.1.1.28.1))	17
Iota (B.1.526)	21
Mu (B.1.621 & B.1.621.1)	4
Omicron (B.1.1.529)	14
Grand Total	2,398

Specimens by Sequence Date



Variant Count by Type and Month

	November 2020	December 2020	January 2021	February 2021	March 2021	April 2021	May 2021	June 2021	July 2021	August 2021	September 2021	October 2021	November 2021	December 2021
Alpha (B.1.1.7)					17	17	80	13	8	1				
Beta (B.1.351)					1									
Delta (B.1.617.2 & AY Lineages)						1	13	15	294	595	414	345	278	88
Epsilon (B.1.427 & B.1.429)	1	19	52	47	22	11	8							
Eta (B.1.525)					1									
Gamma (P1(B.1.1.28.1))						1	5	9	1	1				
Iota (B.1.526)					12	4	2	3						
Mu (B.1.621 & B.1.621.1)									2	2				
Omicron (B.1.1.529)														14
Grand Total	1	19	52	47	53	34	108	40	305	599	414	345	278	102

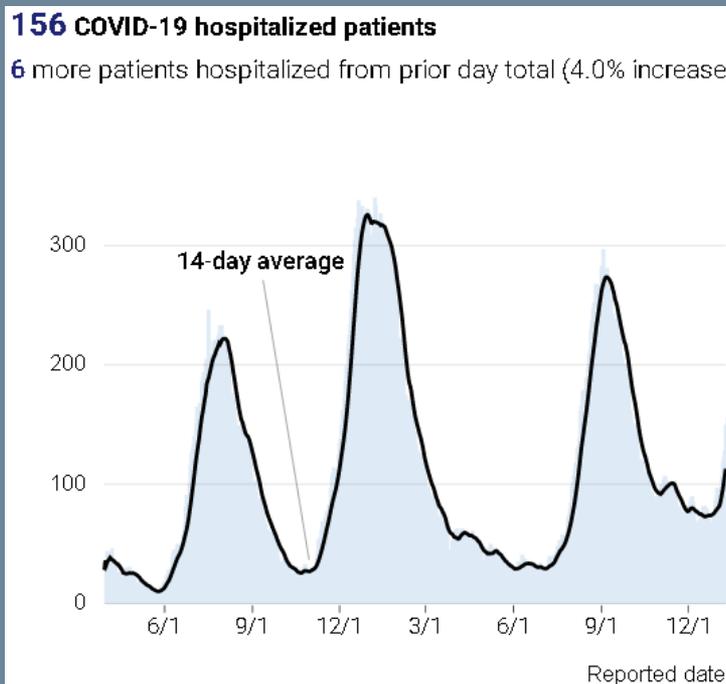
This slide includes only Electronic Lab Results. The data may differ from previous report since we are no longer counting manually entered results and only counting Electronic Labs results. There may be duplicate lab results that are currently being counted but are in the process of being cleaned from the data.

Total Hospitalizations and ICU Beds

Total Hospitalizations

156 COVID-19 hospitalized patients

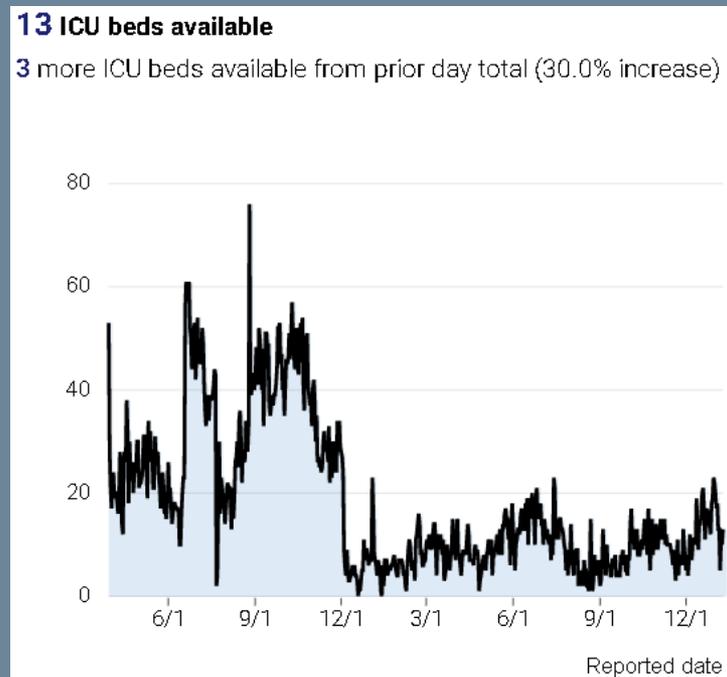
6 more patients hospitalized from prior day total (4.0% increase)



ICU Beds Available

13 ICU beds available

3 more ICU beds available from prior day total (30.0% increase)



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/> ****Today's updates from the State dashboard have been updated with data up to January 9, 2022*****

Testing and Positivity Rate

Tests Performed

1,805,181 total tests performed

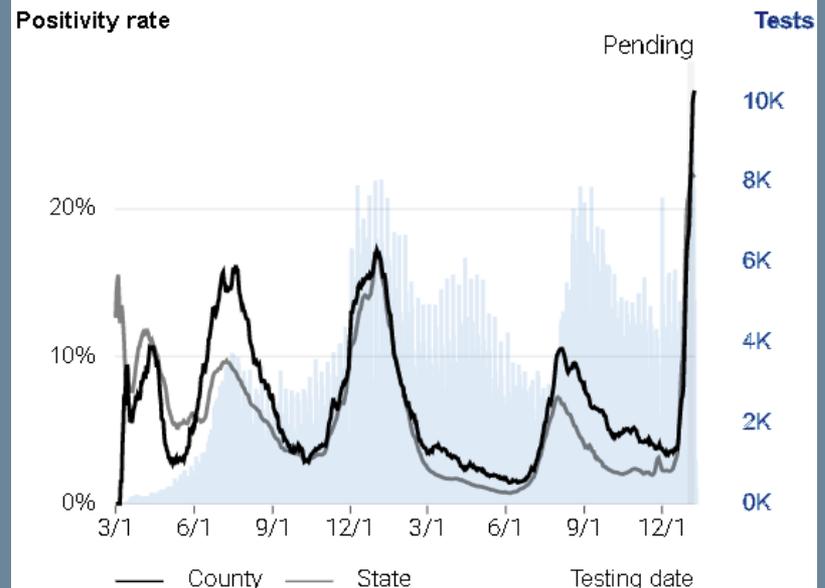
25,773 new tests reported (1.4% increase)



Positivity Rate

28.1% test positivity (7-day rate)

9.8% increase from 7-days prior

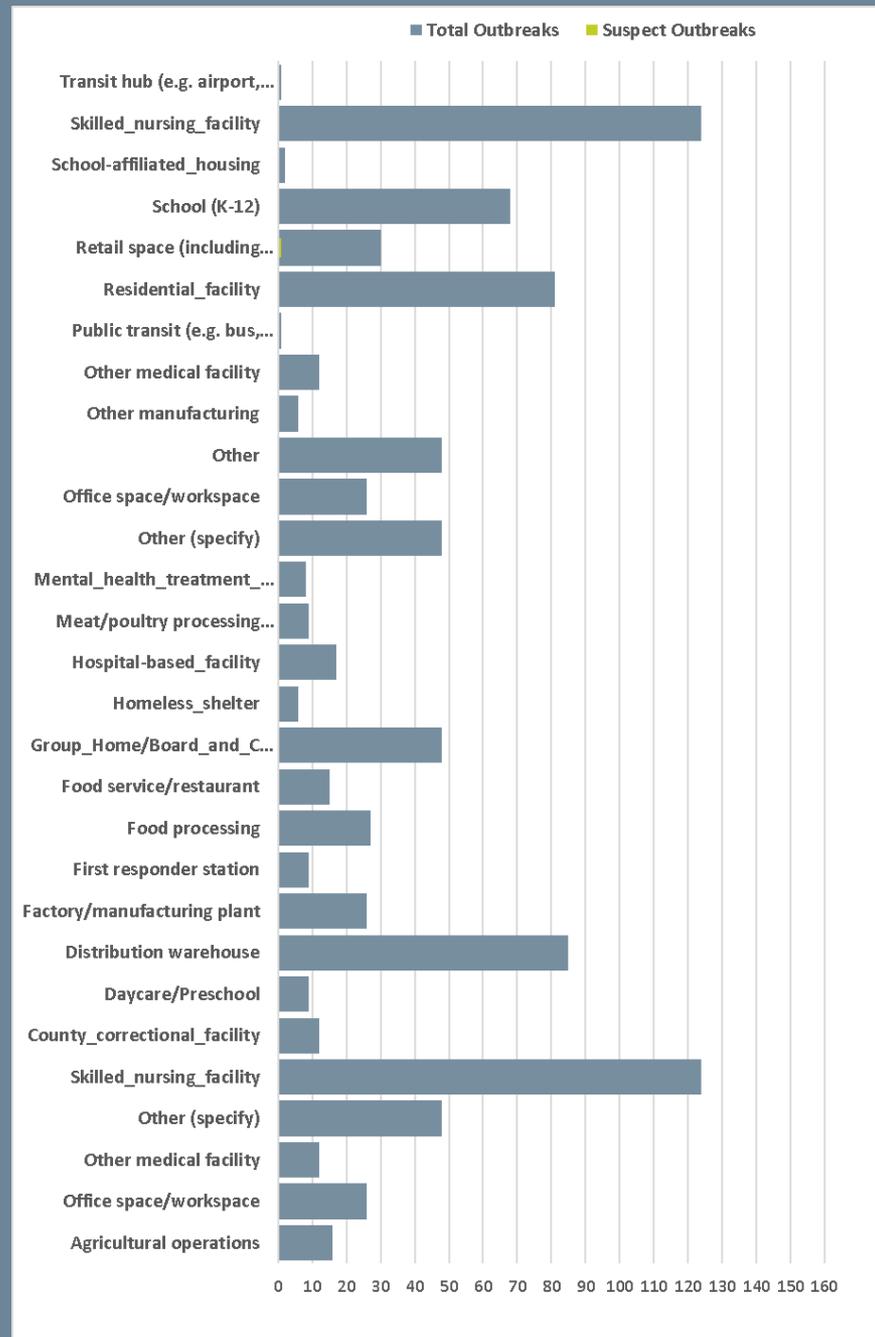


*Note: Testing date is the date the test was administered. Test positivity is based on a 7-day average with no lag. Directional change is compared to the prior 7-day period. Data is provided by the California Department of Public Health. The total number is since the beginning of the pandemic on March 1, 2020. Source: <https://covid19.ca.gov/state-dashboard/> ****Today's updates from the State dashboard have been updated with data up to January 9, 2022*****

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)

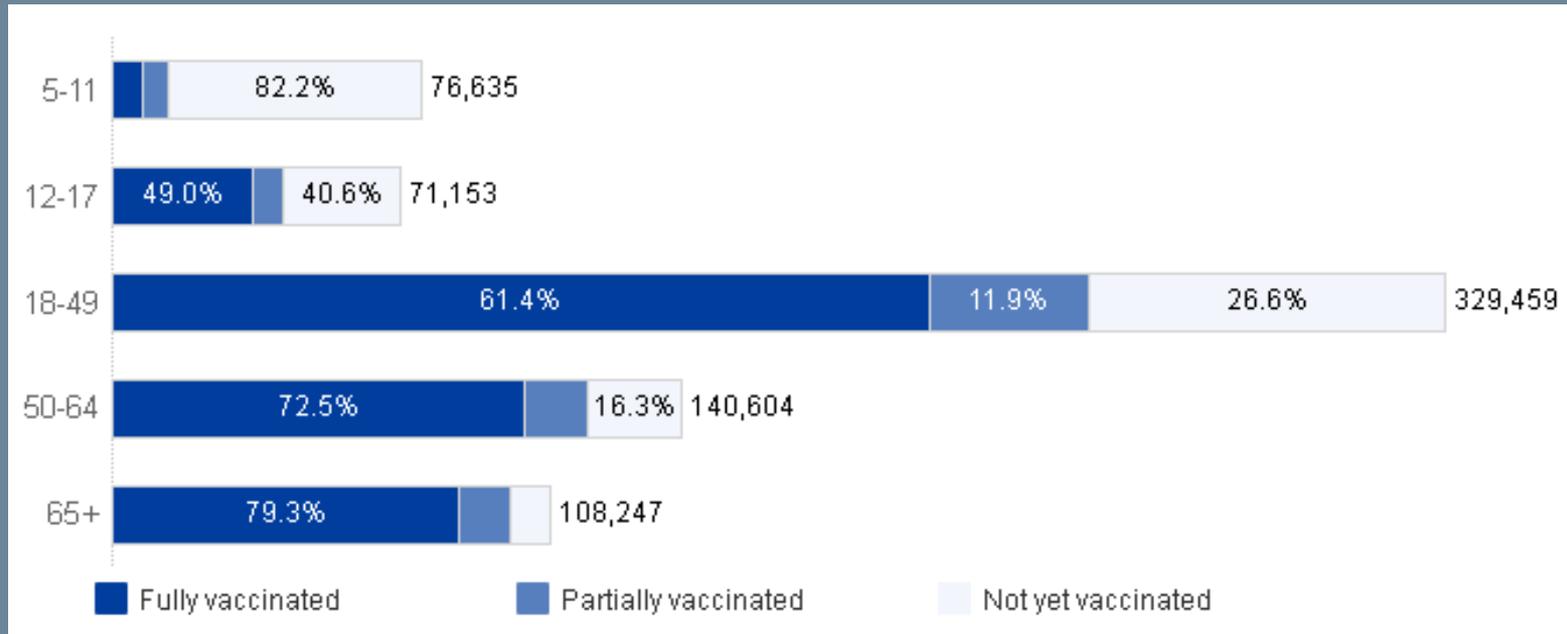


Vaccinations by Jurisdiction

Jurisdiction	Population	Total Vaccinations	Fully Vaccinated	% Fully Vaccinated	Partially Vaccinated	% Partially Vaccinated
Unincorporated	142,043	31,062	26,717	18.8	4,345	3.1
Escalon	6,746	6,965	6,174	91.5	791	11.7
Lathrop	20,571	20,611	17,970	87.4	2,641	12.8
Lodi	60,718	48,556	41,891	69.0	6,665	11.0
Manteca	73,611	61,076	53,679	72.9	7,397	10.0
Ripon	14,742	10,829	9,622	65.3	1,207	8.2
Stockton	286,655	242,052	205,250	71.6	36,802	12.8
Tracy	85,129	80,664	70,324	82.6	10,340	12.1
Unknown	<i>n/a</i>	1,380	958	<i>n/a</i>	422	<i>n/a</i>
Total	690,215	503,195	432,585	62.7	70,610	10.2

Note: Population estimates for each Jurisdiction have been updated to the 2019 American Community Survey (ACS) 5-Year Estimates. Population estimates are for individuals 5 years and older. The Total Population Estimate has been updated to the 2021 San Joaquin County Population Projection from the Department of Finance, to be consistent with the CDPH population denominator. Percentages may have changed due to the addition of 5-11 year olds to the vaccine eligible population.

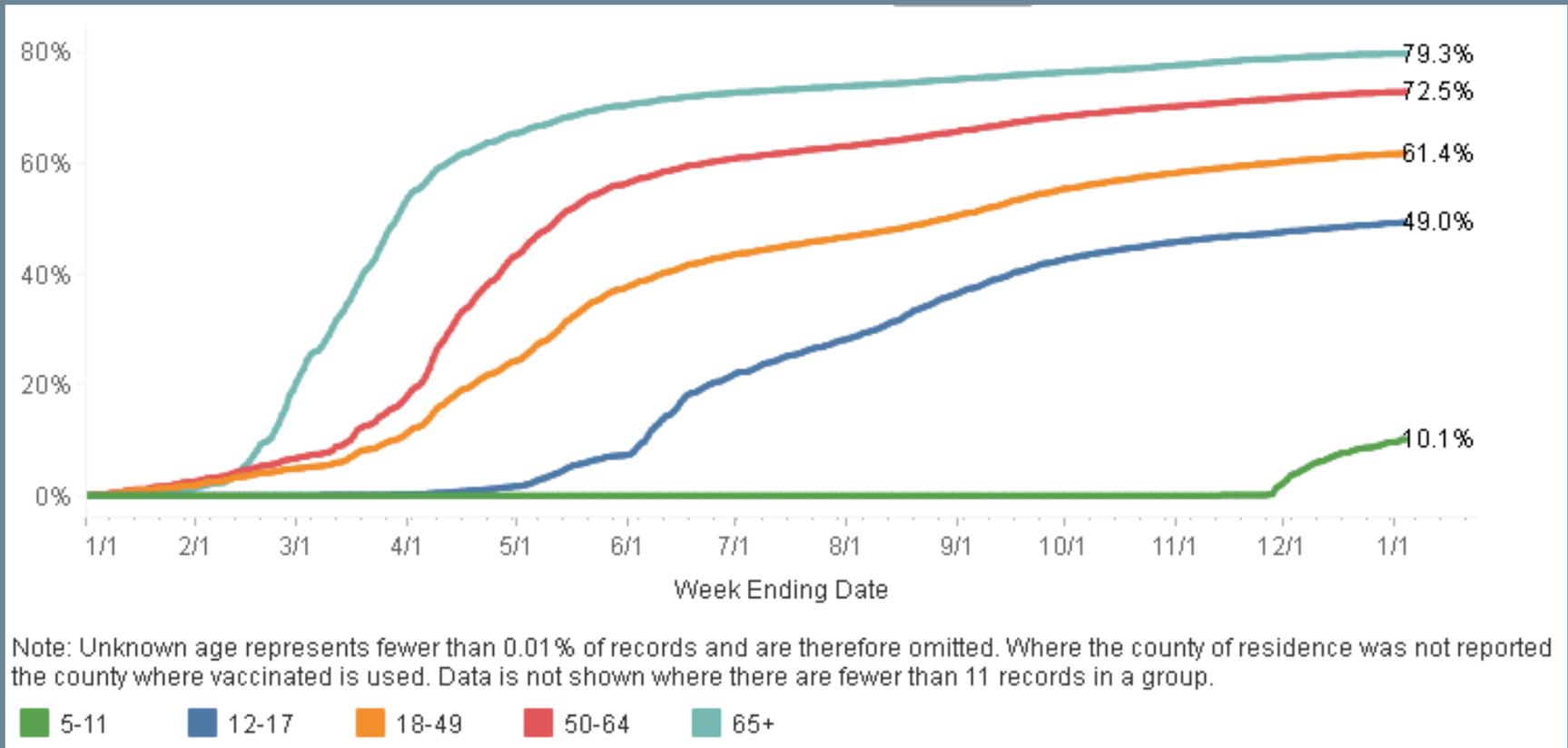
Vaccination Progress by Age Group



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

Percentages may have changed due to the addition of 5-11 year olds to the vaccine eligible population.

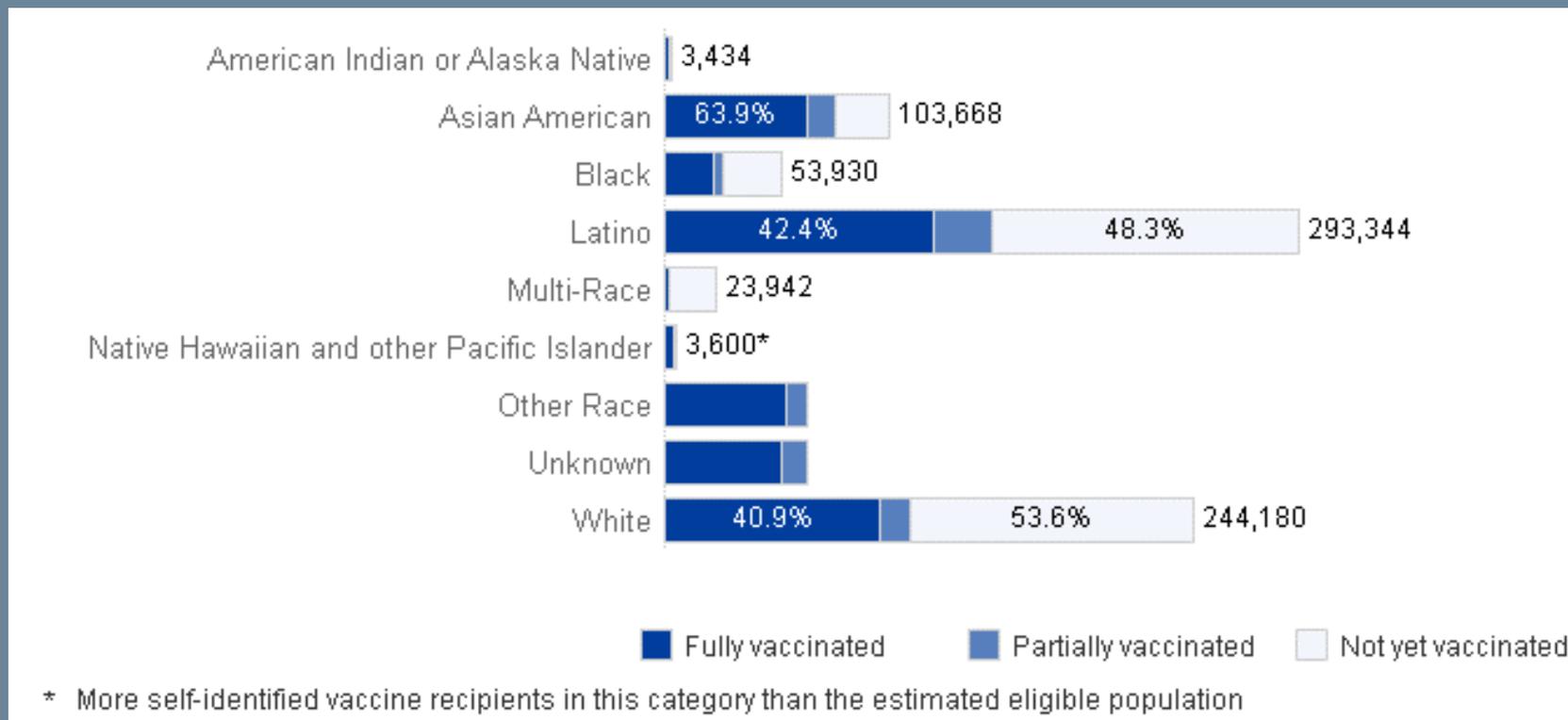
Fully Vaccinated Over Time by Age Group



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

Percentages may have changed due to the addition of 5-11 year olds to the vaccine eligible population.

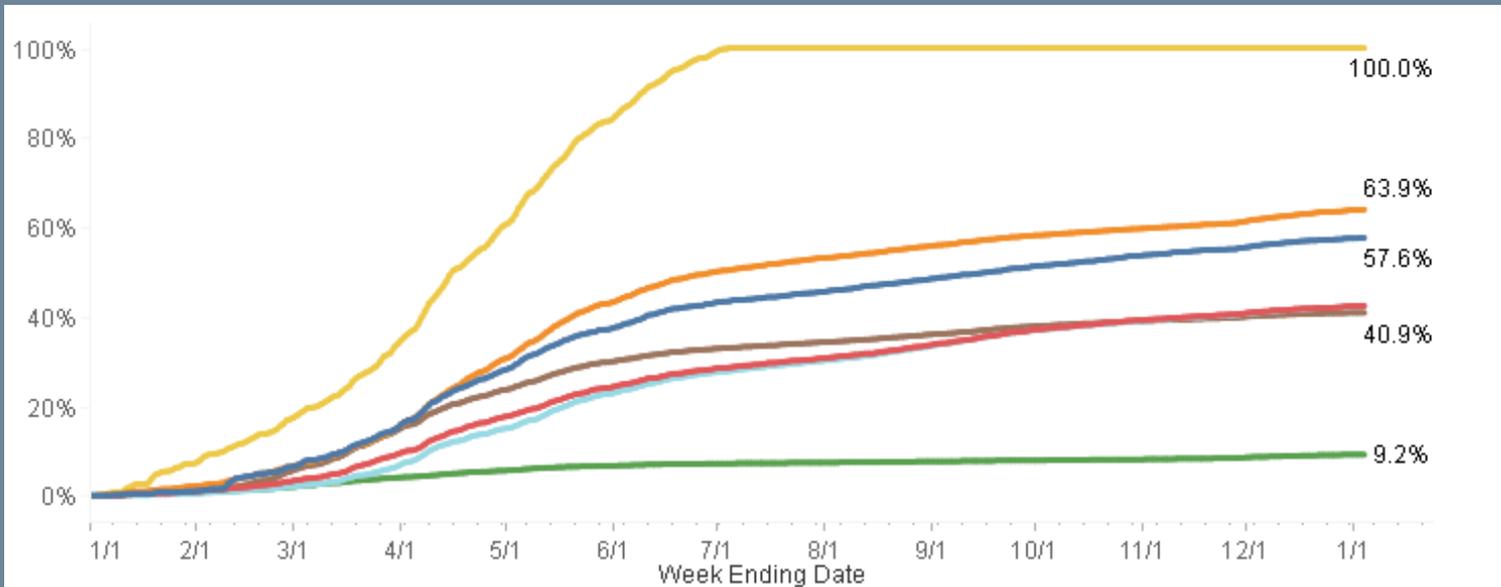
Vaccination Progress by Race/Ethnicity



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

Percentages may have changed due to the addition of 5-11 year olds to the vaccine eligible population.

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.



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

Percentages may have changed due to the addition of 5-11 year olds to the vaccine eligible population.

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.