COVID-19 Data Report

Data through February 8, 2022

Updated February 9, 2022

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

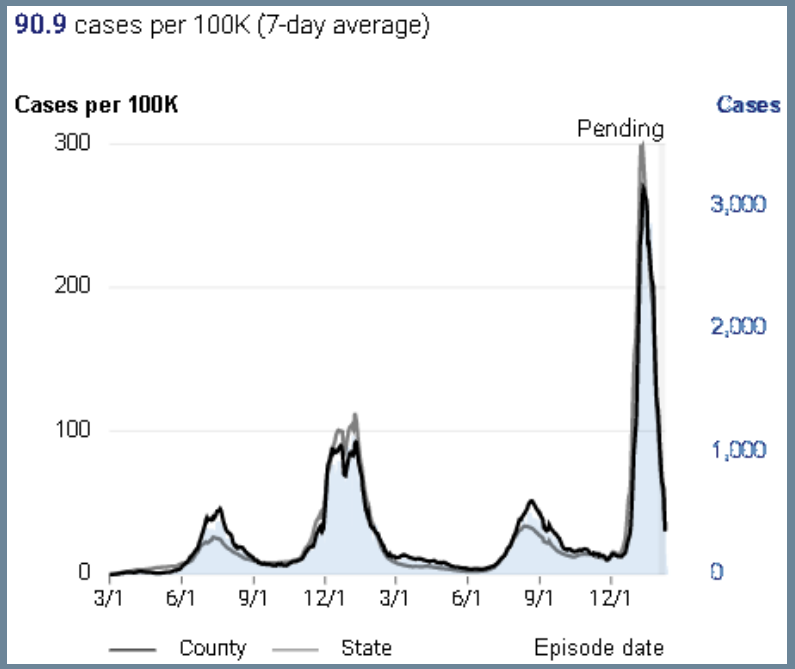
Report produced by: San Joaquin County, Public Health Services, Epidemiology

San Joaquin County
Public Health Services
health grows here

Total Number of Cases and Deaths

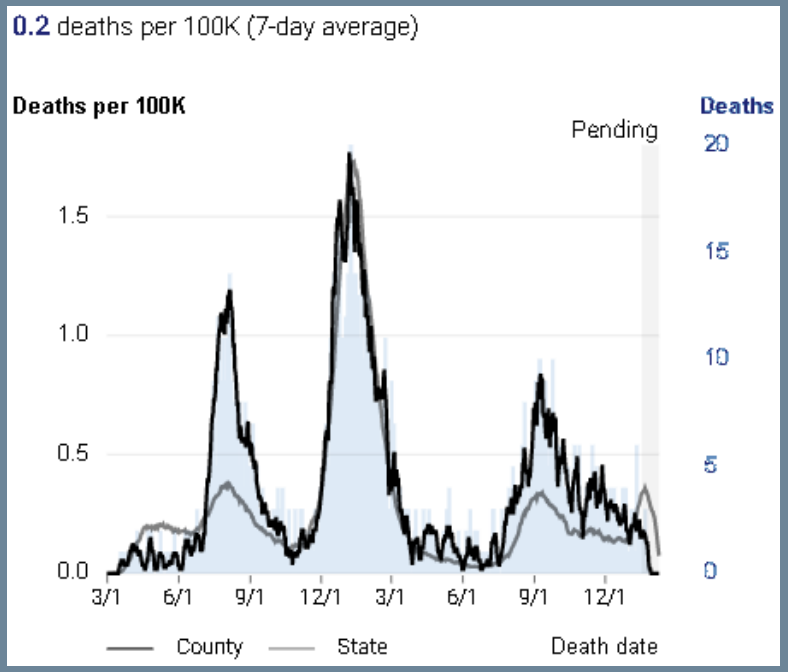
Total Cases

- **Total Number of Cases: 161,246**
- **Total New Cases Since Previous Report: 1,280**



Total Deaths

- **Total Number of COVID-19 Related Deaths: 2,011**
- **Total New Deaths Since Previous Report: 15**



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/

Cases and Deaths by Jurisdiction

Jurisdiction	Case Total	New Cases	Death Total	New Deaths	Case Rate per 10K (Total)
Unincorporated	28,024	267	339	4	1,663.5
Escalon	1,592	13	19	0	2,128.9
Lathrop	5,262	54	34	0	1,961.0
Lodi	13,633	134	225	4	2,006.9
Manteca	14,525	145	194	2	1,712.9
Ripon	2,803	12	31	0	1,759.6
Stockton	67,560	638	992	5	2,121.0
Tracy	17,971	185	118	0	1,873.3

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	1,407	14	43	1	1,944.2
95203	3,376	31	46	1	1,911.0
95204	6,351	68	108	1	2,005.2
95205	8,984	90	153	1	2,092.6
95206	15,987	153	199	0	2,181.0
95207	11,043	88	195	0	2,079.7
95209	9,630	94	122	0	2,151.5
95210	8,847	84	134	0	1,997.6
95211	17	1	0	0	73.6
95212	6,207	57	63	2	2,182.0
95215	4,989	39	73	1	1,882.5
95219	5,060	43	56	1	1,603.7
95220	1,160	10	16	0	1,442.4
95227	117	2	1	0	1,039.1
95230	67	1	1	0	1,276.2
95231	806	2	15	0	1,628.3
95234	0	0	0	0	0.0
95236	715	4	9	0	1,482.5
95237	635	6	6	0	1,788.7

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.

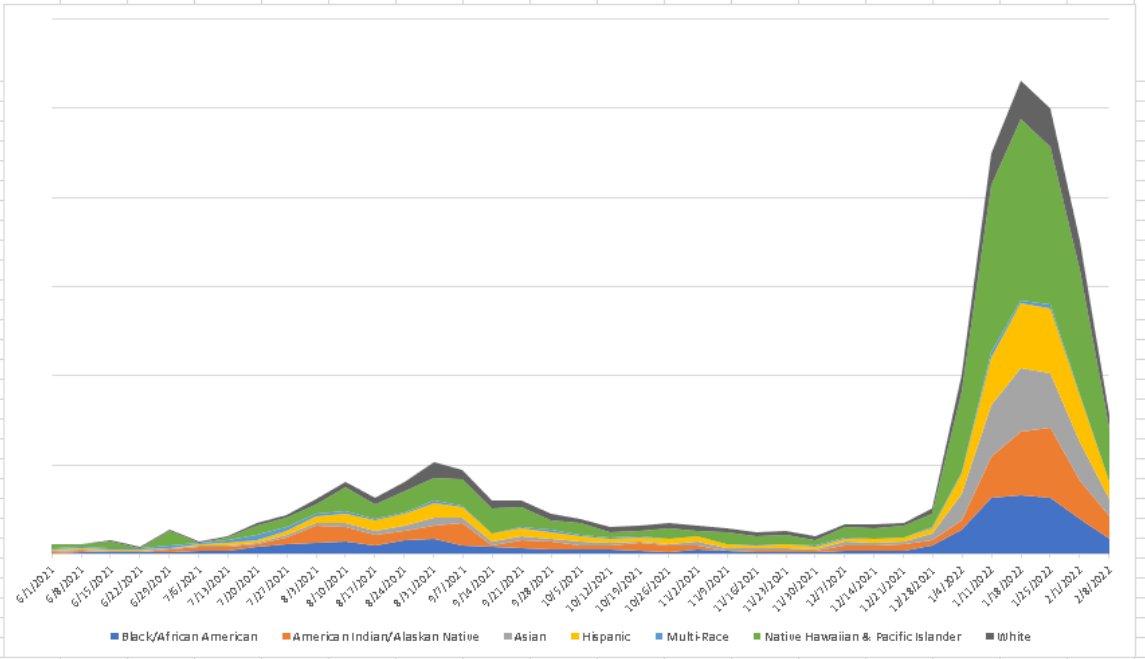
Cases and Deaths by ZIP Code (2 of 2)

Zip Code	Case Count	New Cases	Death Count	New Deaths	Case Rate per 10K (Total)
95240	10,492	122	198	1	1,968.9
95242	4,794	39	55	3	1,668.8
95253	0	0	0	0	0.0
95254	0	0	0	0	0.0
95258	803	12	10	0	1,916.9
95304	2,504	18	14	0	1,448.5
95320	2,532	20	28	0	1,774.7
95330	5,312	54	35	0	2,631.0
95336	7,952	82	121	2	1,653.6
95337	7,744	72	89	0	2,173.0
95361	77	0	3	1	1,266.4
95366	3,130	13	32	0	1,681.9
95367	11	0	0	0	3,333.3
95376	10,589	98	91	0	1,870.8
95377	6,779	85	25	0	1,939.1
95391	2,892	43	6	0	1,230.4
95632	168	1	1	0	1,135.1
95686	193	2	4	0	1,268.9

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.

Case Rate Over Time by Race/Ethnicity

	Race/Ethnicity						
Date	Black/African American	American Indian/Alaskan Native	Asian	Hispanic	Multi-Race	Native Hawaiian & Pacific Islander	White
6/7/2021	32.9	25.3	21.1	24.7	38.5	78.5	17.6
6/8/2021	42	50.6	17	39	19.3	52.3	24
6/15/2021	53	0	20.3	29.3	27	157	27.2
6/22/2021	43.9	0	26	26.5	46.2	0	14.8
6/29/2021	53	50.6	23.5	25.6	38.5	340.2	21.6
7/6/2021	74.9	101.1	21.9	26.8	34.7	0	21.2
7/13/2021	74.9	101.1	34.1	47.4	65.5	52.3	42.7
7/20/2021	166.3	50.6	43.8	59.6	104	209.4	63.9
7/27/2021	217.5	151.7	65.7	81.8	111.7	183.2	77.9
8/3/2021	261.3	379.3	65.7	153.2	65.5	209.4	114.6
8/10/2021	299.7	328.7	87.6	196.6	53.9	549.6	121.8
8/17/2021	202.8	227.6	106.3	212.8	34.7	340.2	158.1
8/24/2021	323.5	202.3	124.2	271.5	23.1	471.1	218.8
8/31/2021	356.3	303.4	177.7	313.6	50.1	523.4	352.6
9/7/2021	197.4	505.7	120.9	221.9	42.4	601.9	195.3
9/14/2021	157.2	50.6	78.7	172.3	19.3	549.6	167.3
9/21/2021	126.1	202.3	74.7	174.5	23.1	471.1	149.7
9/28/2021	107.8	177	68.2	150.1	50.1	209.4	143.4
10/5/2021	107.8	101.1	86.8	117	19.3	261.7	109
10/12/2021	104.2	101.1	47.1	102.7	19.3	130.9	97.8
10/19/2021	73.1	177	49.5	81.5	23.1	130.9	109.8
10/26/2021	62.1	126.4	52.7	105.8	7.7	235.5	112.6
11/2/2021	107.8	101.1	71.4	115.2	15.4	104.7	128.6
11/9/2021	67.6	25.3	52.7	80.5	7.7	261.7	85.5
11/16/2021	60.3	25.3	47.9	76.5	7.7	183.2	94.2
11/23/2021	58.5	25.3	62.5	77.4	3.9	209.4	77.1
11/30/2021	54.8	25.3	43.8	59.3	15.4	130.9	69.1
12/7/2021	95	101.1	82	82.1	15.4	235.5	76.3
12/14/2021	73.1	126.4	73	70.8	11.6	235.5	72.3
12/21/2021	89.5	126.4	78.7	69.9	7.7	261.7	75.1
12/28/2021	204.7	126.4	147.7	115.2	7.7	314.1	116.6
1/4/2022	550.1	227.6	568.9	460	34.7	1805.8	381.4
1/11/2022	1257.3	935.5	1165.3	1053.9	107.9	3742.5	717.2
1/18/2022	1330.4	1415.9	1431.5	1459.9	42.4	4082.7	838.2
1/25/2022	1281	1567.6	1192.9	1463	80.9	3533.1	869.3
2/1/2022	800.4	859.7	855.3	1042	30.8	2774.1	652.5
2/8/2022	341.7	505.7	381.4	395.1	3.9	1177.7	289.9

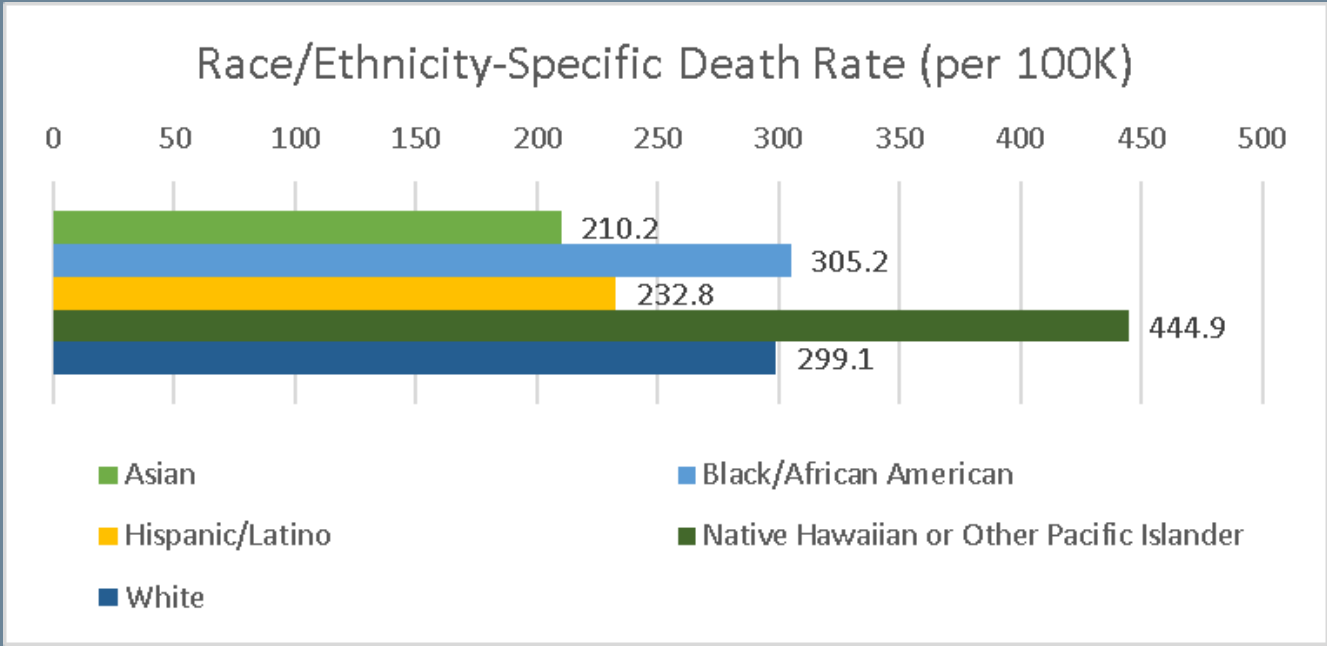


Notes: 7-day case rate (episode date with no lag). This stacked area shows the magnitude of change over time and to draw attention to total cases over time. American Indian/Alaskan Native and Native Hawaiian/Other Pacific Islander are now included in the graph , which has affected the color legend. Additionally,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

- **Beginning in January 2022, there was a significant increase in case rate amongst all Race/Ethnicity populations.**
- **Since the end of January 2022, there has been a decrease in case rate amongst all Race/Ethnicity populations.**

Deaths by Race/Ethnicity

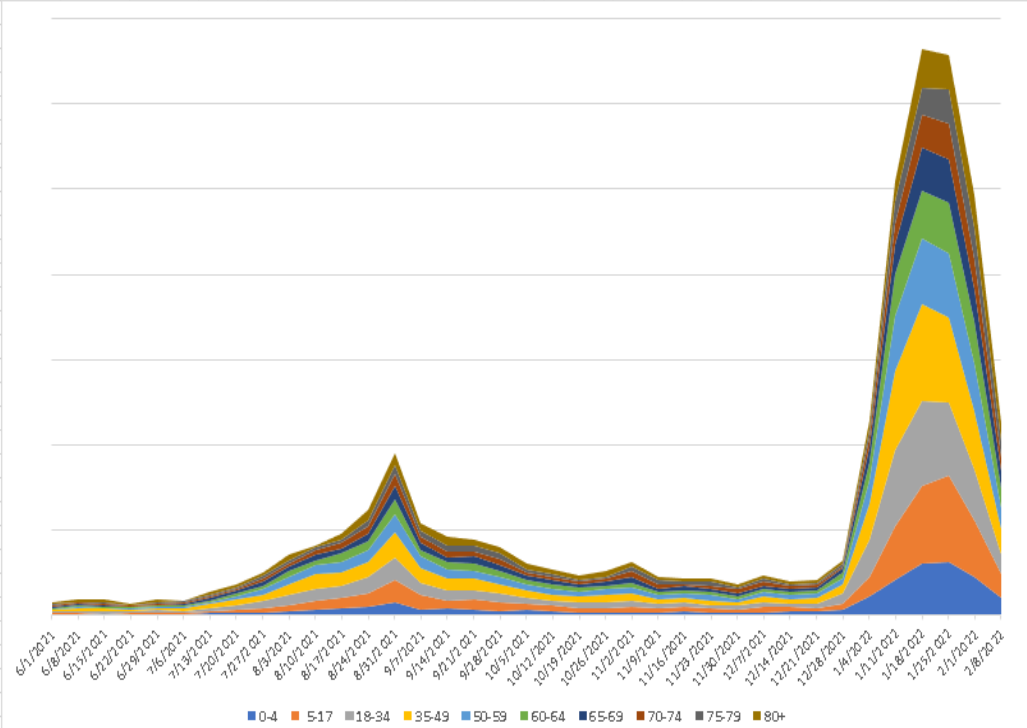
Race/Ethnicity	% Pop	Total Deaths	% Deaths
Asian	15.7	259	12.9
Black/African American	7.0	167	8.3
Hispanic/Latino	40.9	746	37.1
Native Hawaiian or Other Pacific Islander	0.5	17	0.8
White	32.0	749	37.2



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

					Age Group					
Date	0-4	5-17	18-34	35-49	50-59	60-64	65-69	70-74	75-79	80+
6/1/2021	16.6	17.7	38.6	40.2	25.8	30.4	32.1	32.9	25.9	20.4
6/8/2021	18.7	22.5	57.9	56.8	38.6	44.4	29.2	29.3	15.5	44.8
6/15/2021	4.2	27.3	59.9	51.2	29	35.1	26.3	25.6	31.1	65.1
6/22/2021	10.4	28	42.1	38.8	22.5	35.1	29.2	14.6	15.5	16.3
6/29/2021	29.1	25.2	50	49.9	31.1	32.7	20.4	32.9	41.4	40.7
7/6/2021	16.6	30	54.5	42.2	41.9	28.1	58.4	25.6	20.7	20.4
7/13/2021	37.4	40.9	89.6	77.6	59	39.7	40.9	51.2	41.4	73.3
7/20/2021	49.9	66.1	122.8	125.3	85.9	72.5	40.9	47.6	51.8	36.6
7/27/2021	62.4	86.6	181.2	158.6	115.9	79.5	113.9	73.2	51.8	61.1
8/3/2021	81.1	139.1	264.4	238.9	172.8	137.9	102.2	76.9	67.3	130.3
8/10/2021	124.7	206.6	292.6	335.1	199.6	126.3	131.4	102.5	56.9	69.2
8/17/2021	143.5	254.3	290.6	309.5	247.9	196.4	116.8	135.4	88	130.3
8/24/2021	183	334.8	357	362.2	294.1	215.1	169.3	168.4	139.8	236.1
8/31/2021	291.1	533.9	511.9	597.6	442.2	329.7	324.1	274.5	217.4	272.8
9/7/2021	137.2	320.5	300	357.3	259.7	163.7	166.4	142.7	113.9	207.6
9/14/2021	145.5	188.2	226.8	284.6	209.3	173	125.6	135.4	155.3	187.3
9/21/2021	124.7	233.2	218.8	268.7	201.8	166	178.1	106.1	113.9	158.8
9/28/2021	97.7	208.7	191.6	221.6	156.7	166	140.2	135.4	124.2	150.6
10/5/2021	114.3	146.6	144.6	171.7	133.1	114.6	108	76.9	62.1	118.1
10/12/2021	79	141.1	125.3	130.9	119.1	105.2	125.6	51.2	93.2	81.4
10/19/2021	66.5	105	113.9	150.3	112.7	114.6	70.1	51.2	41.4	89.6
10/26/2021	52	119.3	129.2	153.7	141.7	93.5	81.8	91.5	46.6	109.9
11/2/2021	68.6	137.1	136.1	154.4	134.2	105.2	166.4	146.4	77.6	130.3
11/9/2021	52	97.5	96.5	133	93.4	79.5	73	106.1	93.2	81.4
11/16/2021	76.9	123.4	103	110.8	99.8	79.5	75.9	62.2	56.9	77.4
11/23/2021	56.1	88	93.6	110.8	109.5	67.8	87.6	73.2	103.5	73.3
11/30/2021	64.4	63.4	86.6	81	84.8	63.1	70.1	102.5	31.1	73.3
12/7/2021	68.6	124.1	102.5	129.5	99.8	100.5	64.2	91.5	67.3	89.6
12/14/2021	70.7	107.1	88.6	114.9	80.5	91.2	73	65.9	31.1	48.9
12/21/2021	76.9	87.3	112.9	134.3	88	91.2	67.2	58.6	41.4	69.2
12/28/2021	124.7	124.1	244.1	225	148.1	126.3	102.2	54.9	67.3	73.3
1/4/2022	434.5	472.5	875.3	836.5	542	423.2	347.5	252.5	191.5	211.7
1/11/2022	837.8	1253.3	1789.7	1859.3	1291.2	963.3	721.2	486.8	502.1	484.5
1/18/2022	1193.3	1819.2	2005.6	2294.1	1532.7	1133.9	1001.5	768.6	641.9	891.6
1/25/2022	1255.7	2035.4	1713.5	1980.4	1498.4	1206.4	1021.9	812.5	833.4	810.2
2/1/2022	883.6	1347.4	1181.3	1353.1	1118.4	986.6	788.3	695.4	735	765.4
2/8/2022	415.8	530.5	474.8	590	483	474.6	417.5	318.4	367.5	431.6

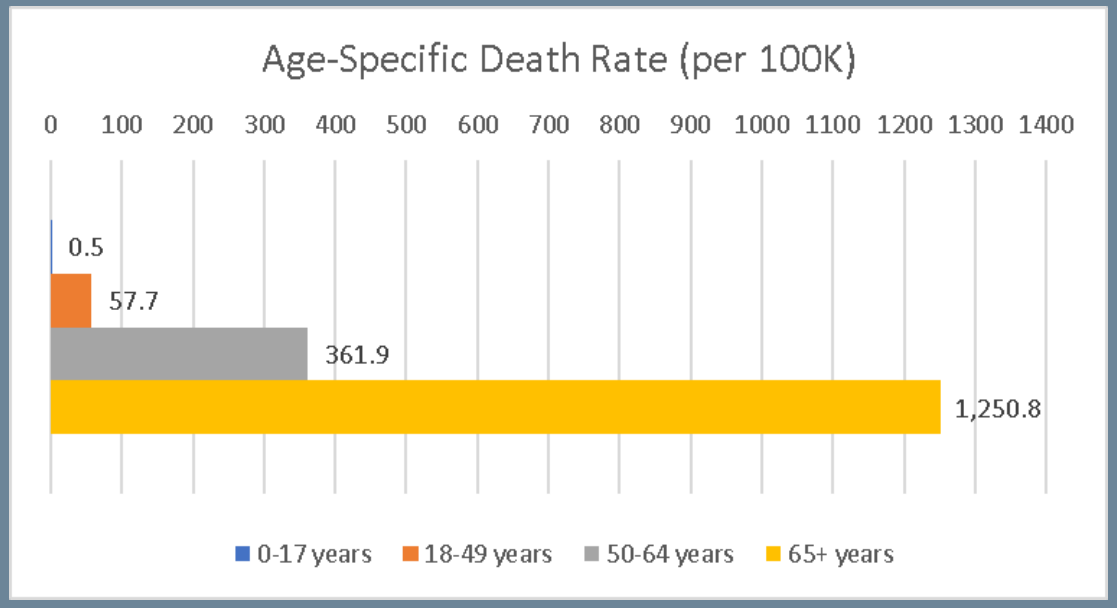


Note: 7-day case rate (episode date with no lag). This stacked area shows the magnitude of change over time and to draw attention to total cases over time.

- **Beginning in January 2022, there was an increase in case rate amongst all age groups.**
- **Since the end of January 2022, there has been a decrease in case rate amongst all age groups.**

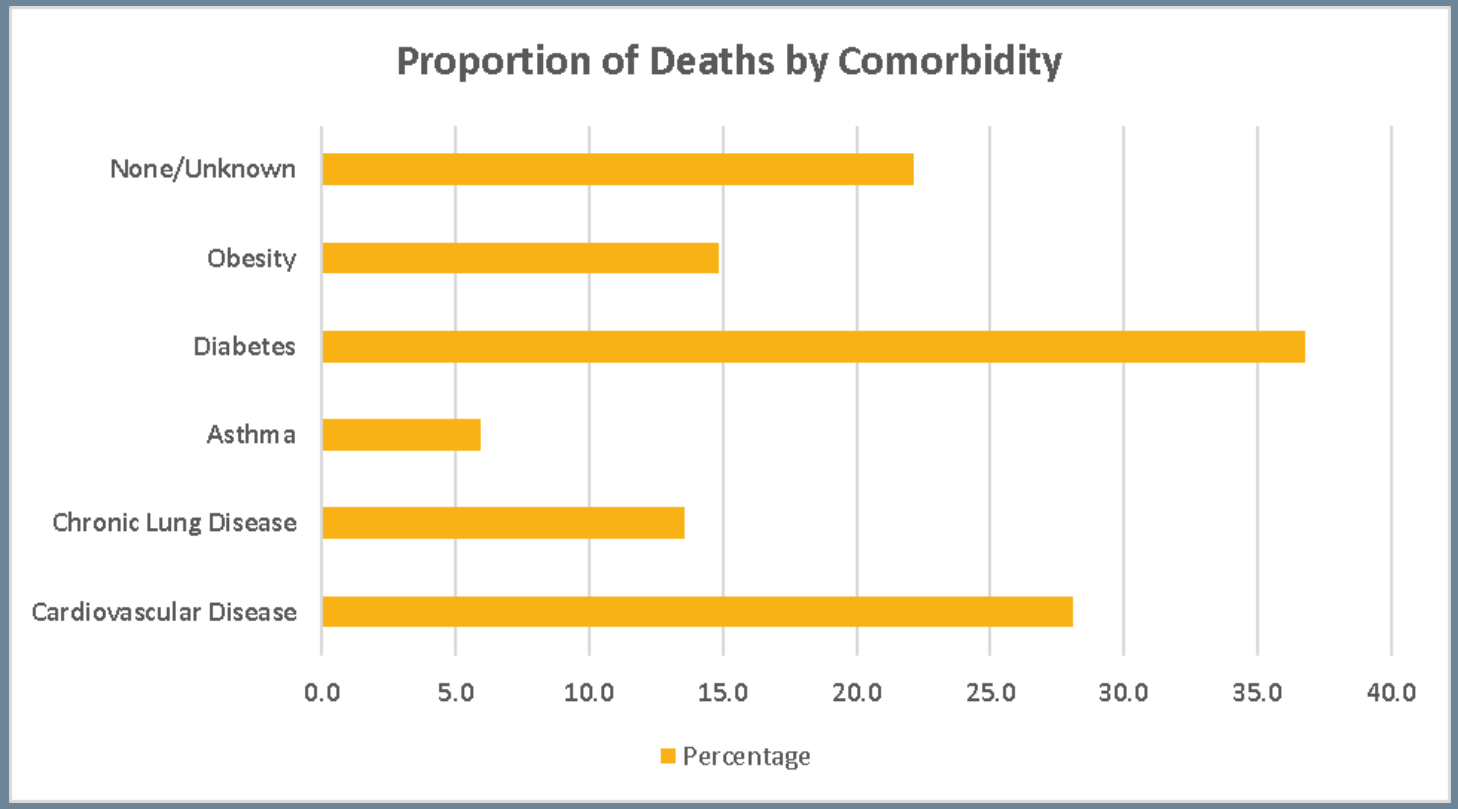
Deaths by Age Group

Age Group	% Pop	Total Deaths	% Deaths
0-17 years	24.9	1	0.0
18-49 years	44.3	200	9.9
50-64 years	17.4	492	24.5
65+ years	13.5	1319	65.6



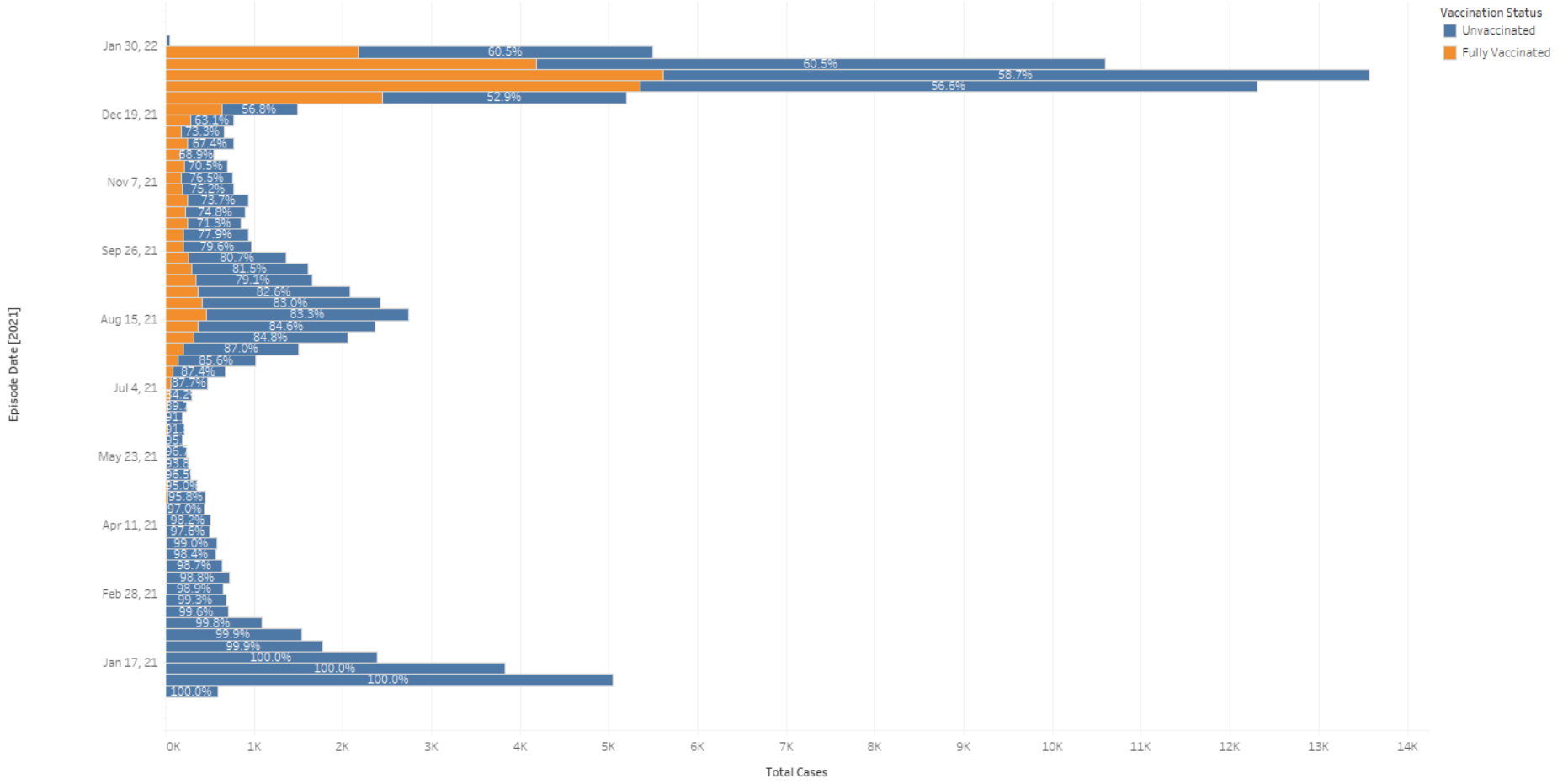
Note: The total number of deaths noted here is since the beginning of the pandemic on March 1, 2020.

Deaths by Comorbidities



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

Post-Vaccine Breakthrough Cases by Week

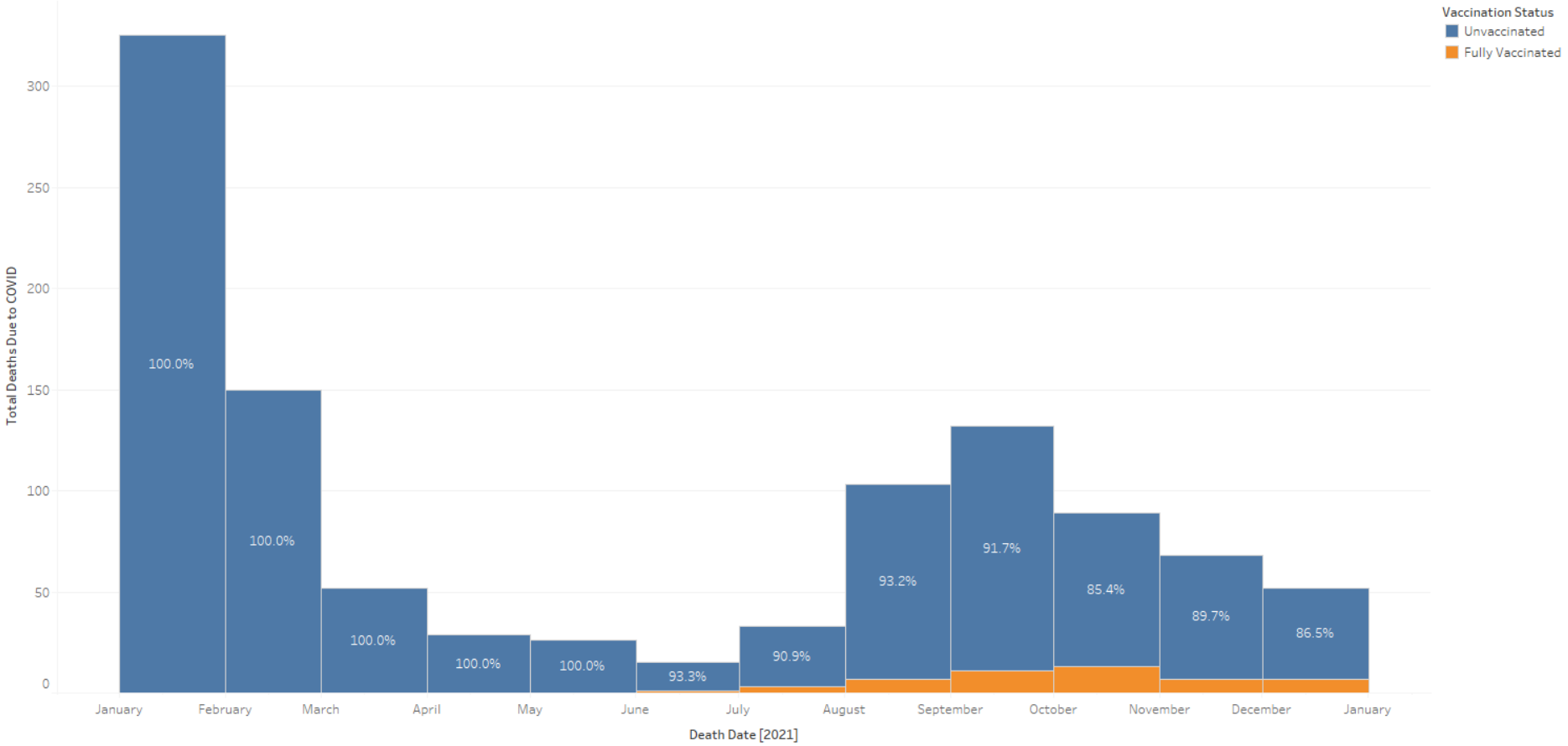


The plot of Total Cases for Episode Date Week. Color shows details about Vaccination Status. The marks are labeled by % of Total Cases, excluding Partially Vaccinated Cases. The data is filtered on Episode Date Year, which keeps 2021 and 2022.

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 30, 2022. Updated every Friday.

- **Total case counts grew in January 2021, with unvaccinated cases making up 56%-60% of the total.**
- **6.3% 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 30, 2022. Updated every Friday.

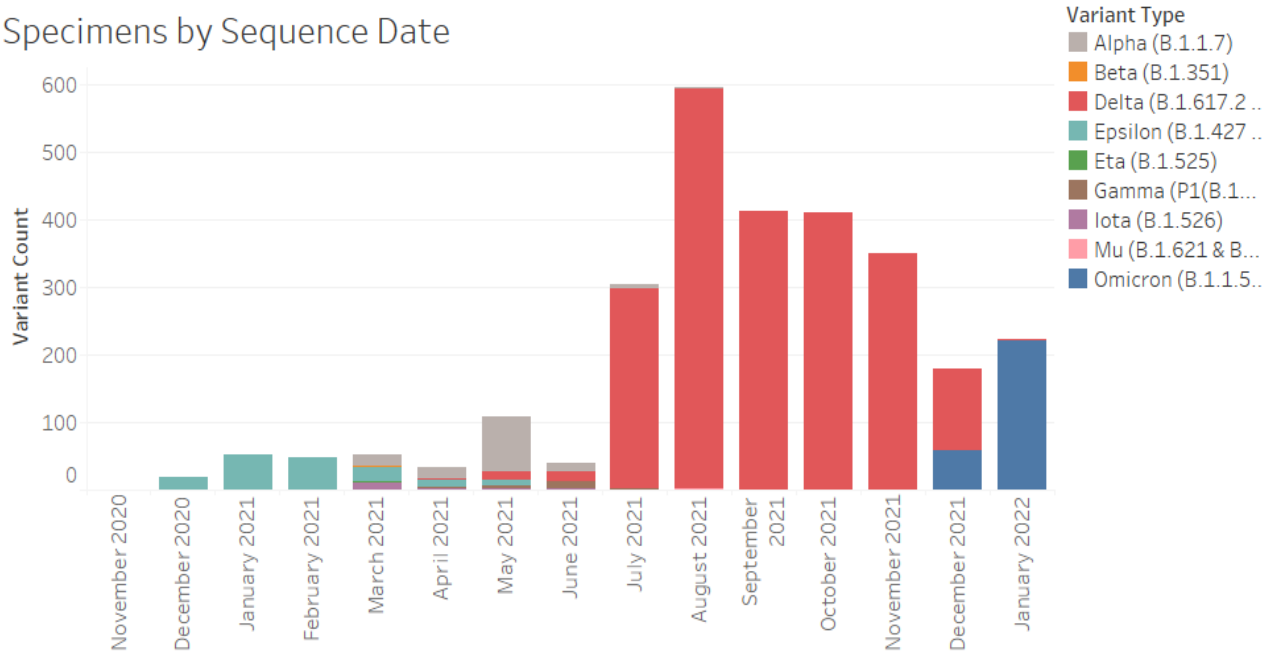
- **Around 87% of the COVID-19 related deaths in December were unvaccinated San Joaquin County residents (excluding partially vaccinated cases).**

Variants of Interest/Concern

Total Variants

Alpha (B.1.1.7)	135
Beta (B.1.351)	1
Delta (B.1.617.2 & AY Lineages)	2,210
Epsilon (B.1.427 & B.1.429)	160
Eta (B.1.525)	1
Gamma (P1(B.1.1.28.1))	16
Iota (B.1.526)	21
Mu (B.1.621 & B.1.621.1)	4
Omicron (B.1.1.529 & BA Lineages)	279
Grand Total	2,827

Specimens by Sequence Date



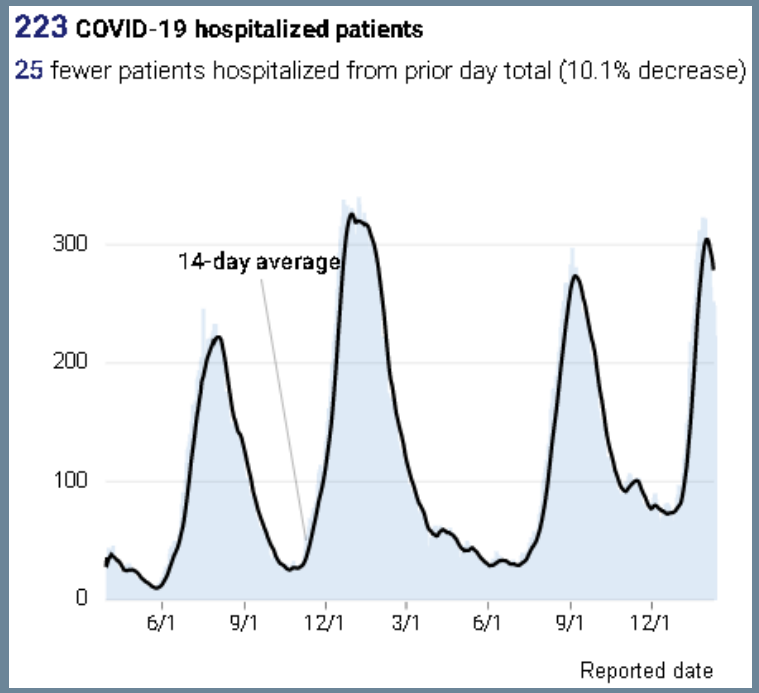
Variant Count by Type and Month

	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	January 2022
Alpha (B.1.1.7)					16	17	80	13	8	1					
Beta (B.1.351)					1										
Delta (B.1.617.2 & AY Lineages)						1	13	15	294	592	412	411	349	120	2
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						
Iota (B.1.526)					12	4	2	3							
Mu (B.1.621 & B.1.621.1)									2	2					
Omicron (B.1.1.529 & BA Linea..														59	220
Grand Total	1	19	52	47	52	34	108	40	305	595	412	411	349	179	222

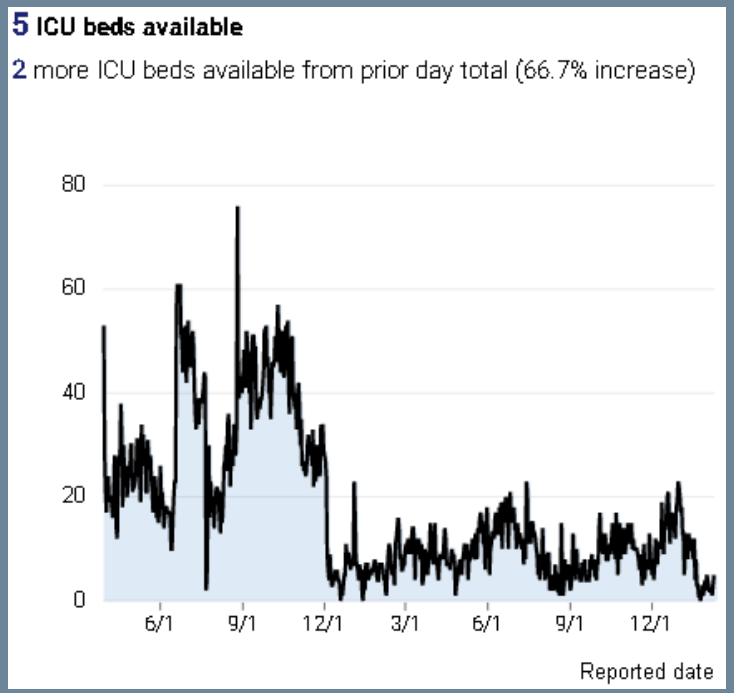
This slide includes only Electronic Lab Results. The data may differ from previous report since we are no longer counting manually entered results and only counting Electronic Labs results. There may be duplicate lab results that are currently being counted but are in the process of being cleaned from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

Total Hospitalizations and ICU Beds

Total Hospitalizations



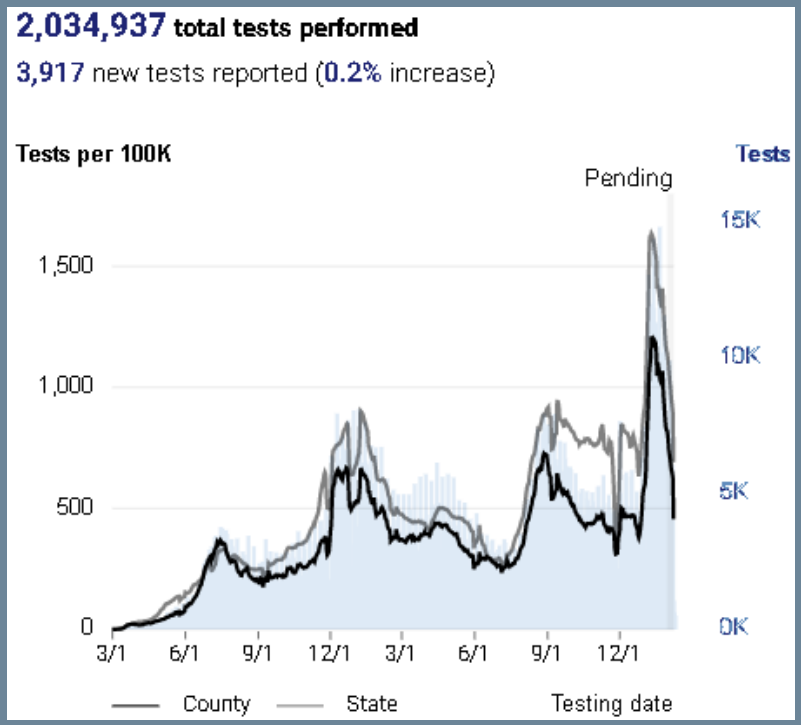
ICU Beds Available



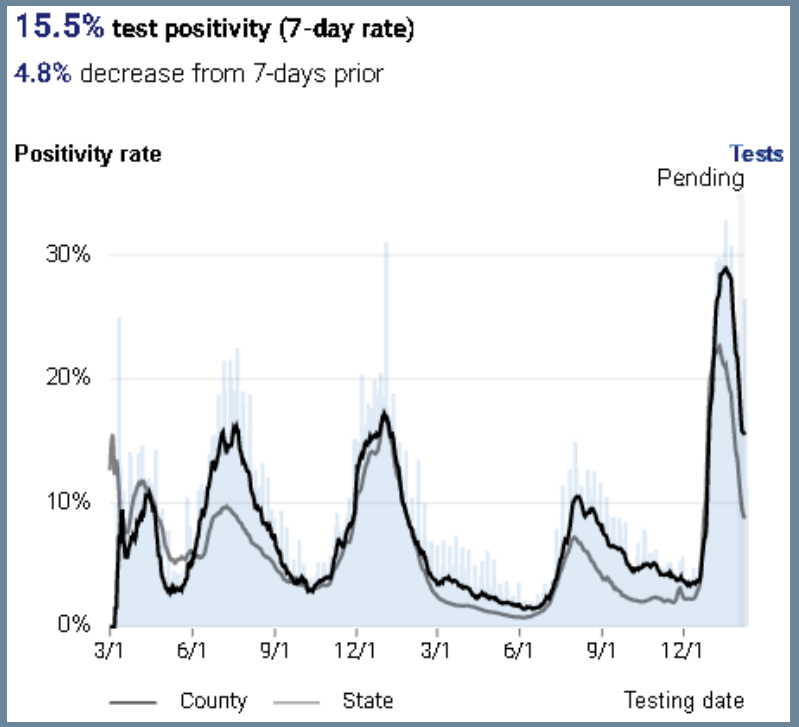
Note: Includes the number of licensed ICU beds and hospitalized patients in San Joaquin County, regardless of residency. Licensed ICU bed totals count the number of beds that can be staffed to provide intensive healthcare. Directional change is compared to the prior day. Data is provided by the California 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



Positivity Rate

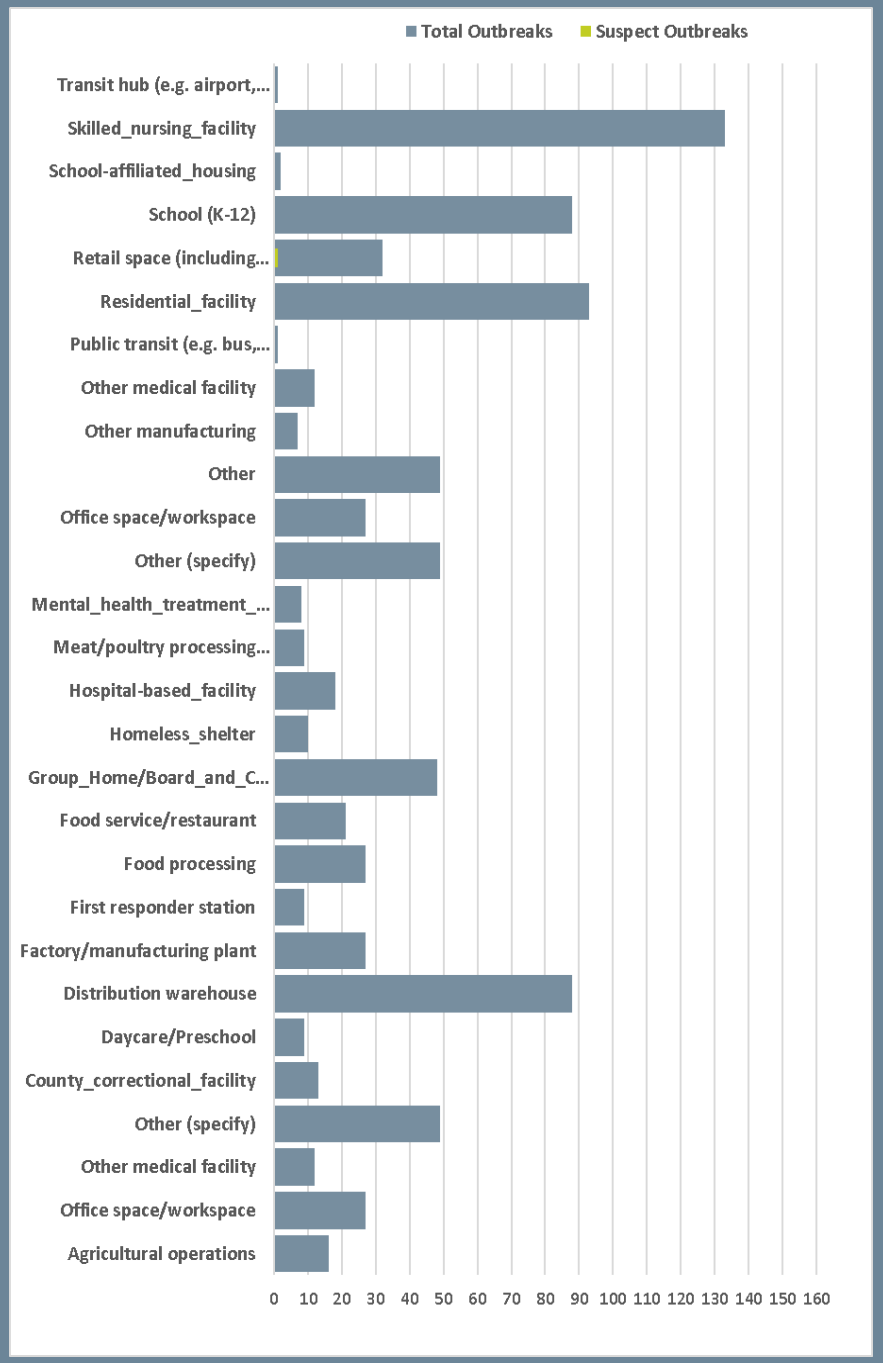


Note: Testing date is the date the test was administered. Test positivity is based on a 7-day average with no lag. Directional change is compared to the prior 7-day period. Data is provided by the California Department of Public Health. The total number is since the beginning of the pandemic on March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

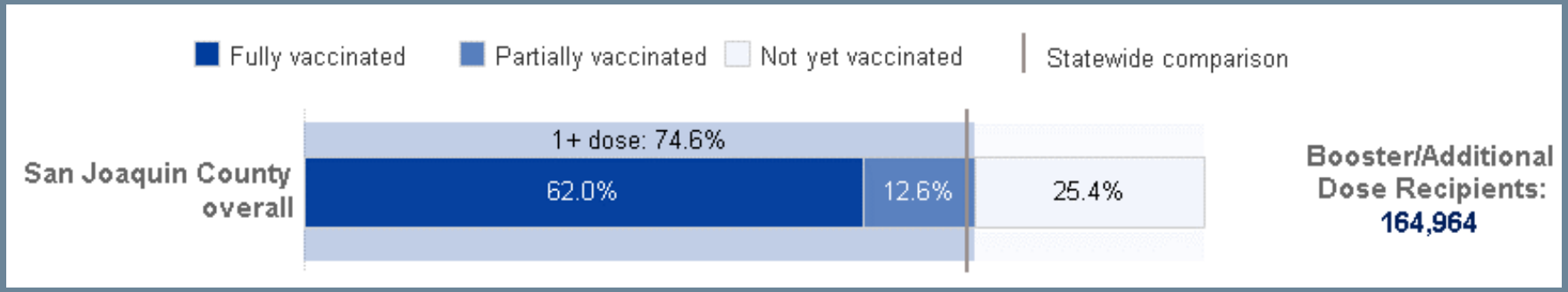
Outbreaks by Industry

- 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)



Vaccination Progress Overall



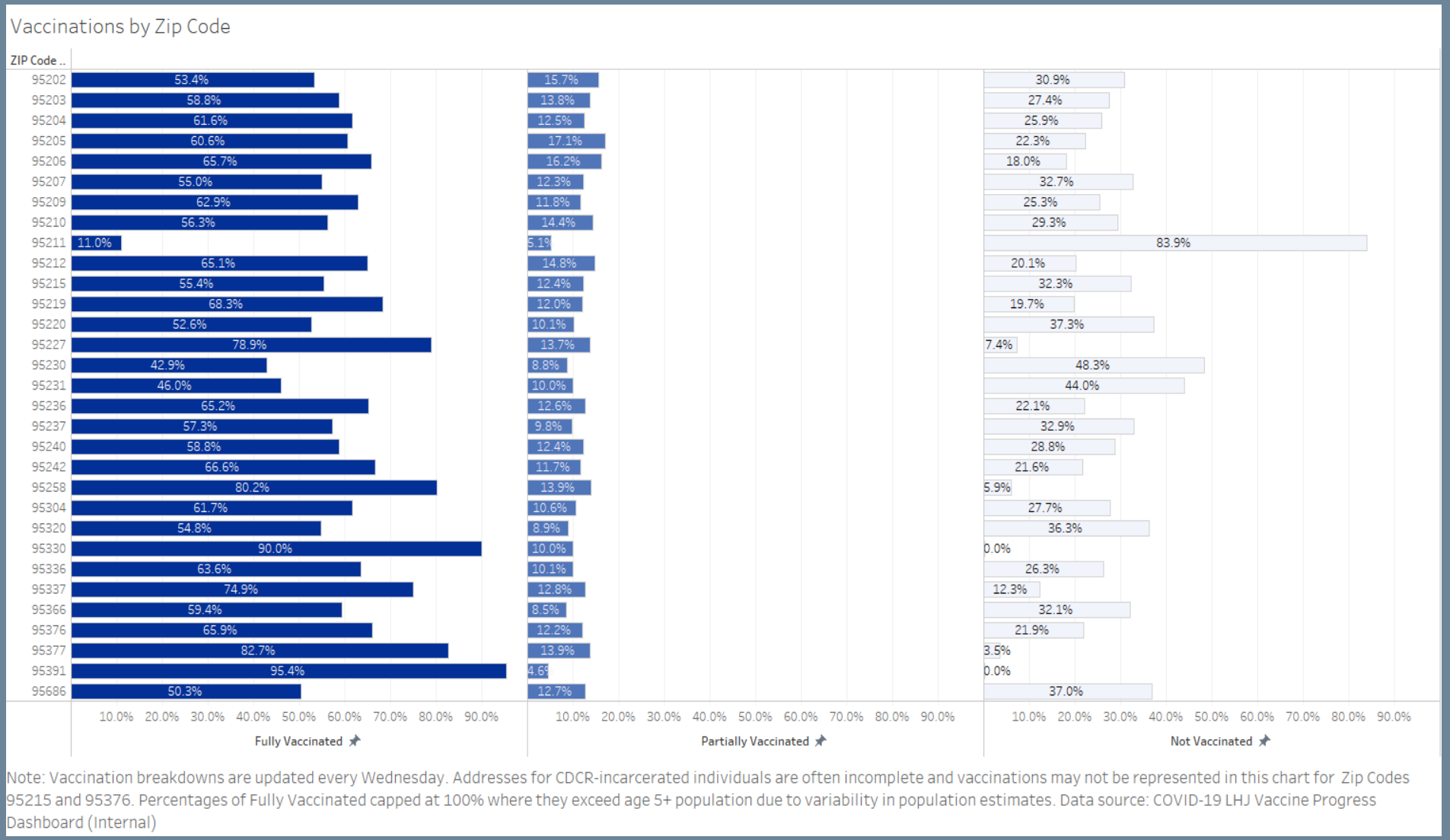
Note: Vaccination breakdowns are updated every Wednesday. CDCR-incarcerated individuals may not be represented.
***Data source: COVID-19 LHJ Vaccine Progress Dashboard (Internal)*

Vaccinations by Jurisdiction

Jurisdiction	% Fully Vaccinated	% Partially Vaccinated
Stockton	74.3	16.9
Tracy	85.3	15.4
Lodi	71.6	14.0
Manteca	75.5	12.4
Escalon	94.0	15.2
Ripon	67.2	9.6
Lathrop	91.5	15.3
Unincorporated	15.5	3.0
Total	61.8	12.5

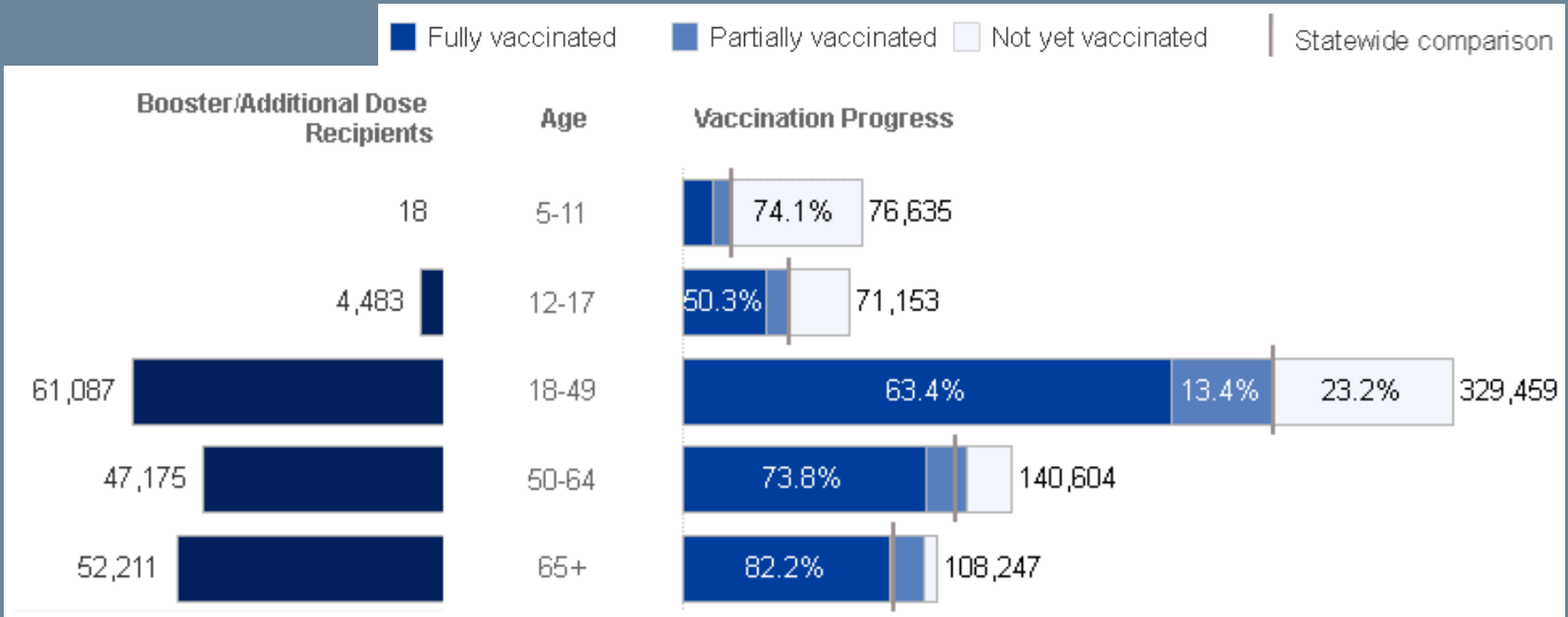
Note: The population estimate is not a precise count of current residents, which can cause an overestimate of individuals who are vaccinated. Population estimates for each Jurisdiction have been updated to the 2019 American Community Survey (ACS) 5-Year Estimates. Population estimates are for individuals 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.

Vaccinations by Zip Code



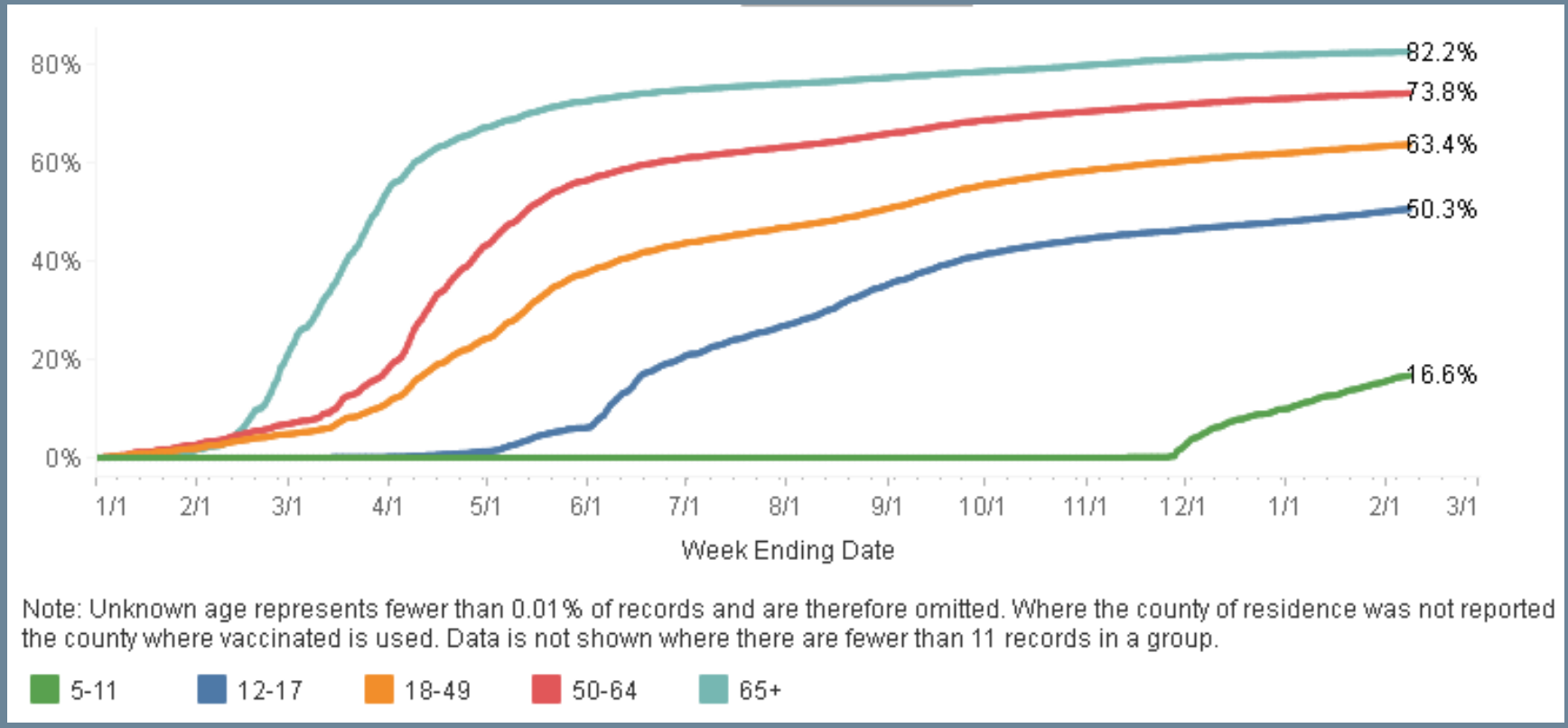
Note: Vaccination breakdowns are updated every Wednesday. Addresses for CDCR-incarcerated individuals are often incomplete and vaccinations may not be represented in this chart for Zip Codes 95215 and 95376. Percentages of Fully Vaccinated capped at 100% where they exceed age 5+ population due to variability in population estimates. Data source: COVID-19 LHJ Vaccine Progress Dashboard (Internal)

Vaccination Progress by Age Group



Note: Vaccination breakdowns are updated every Wednesday.
***The data source for this chart has been changed: COVID-19 LHJ Vaccine Progress Dashboard (Internal)*

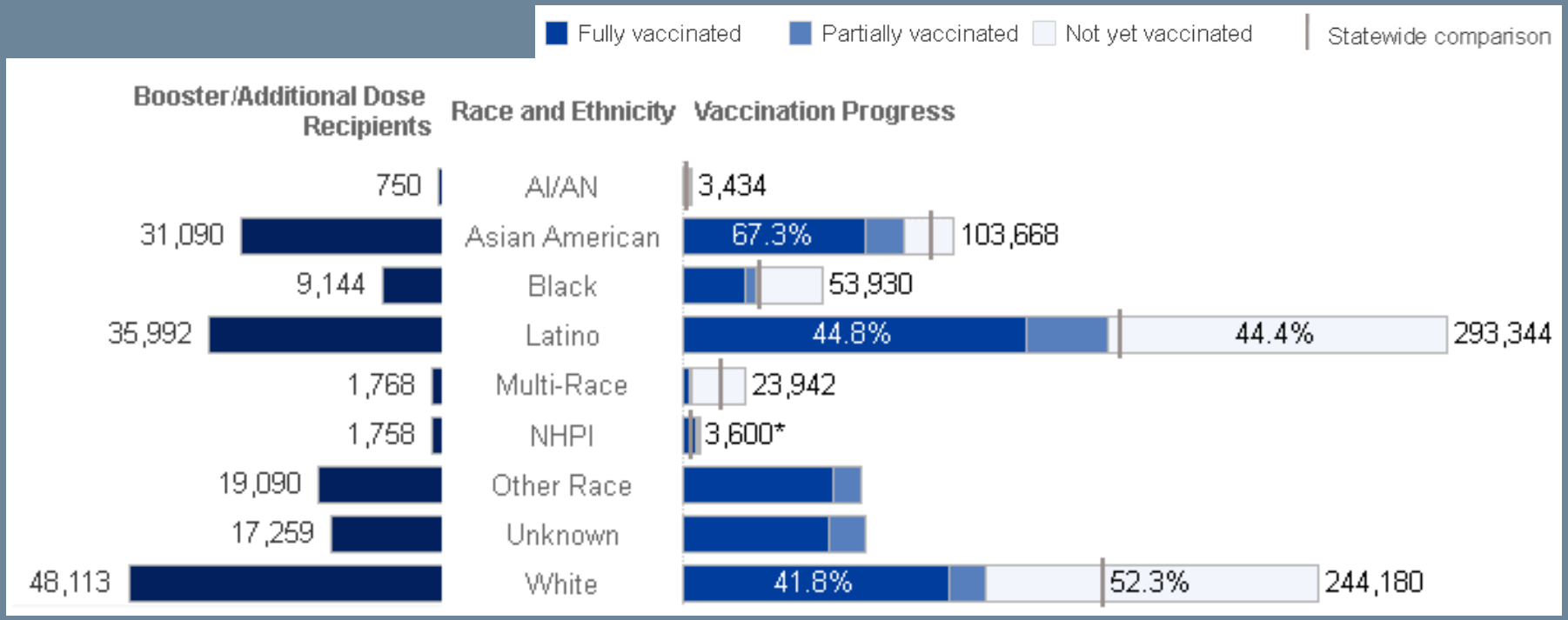
Fully Vaccinated Over Time by Age Group



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

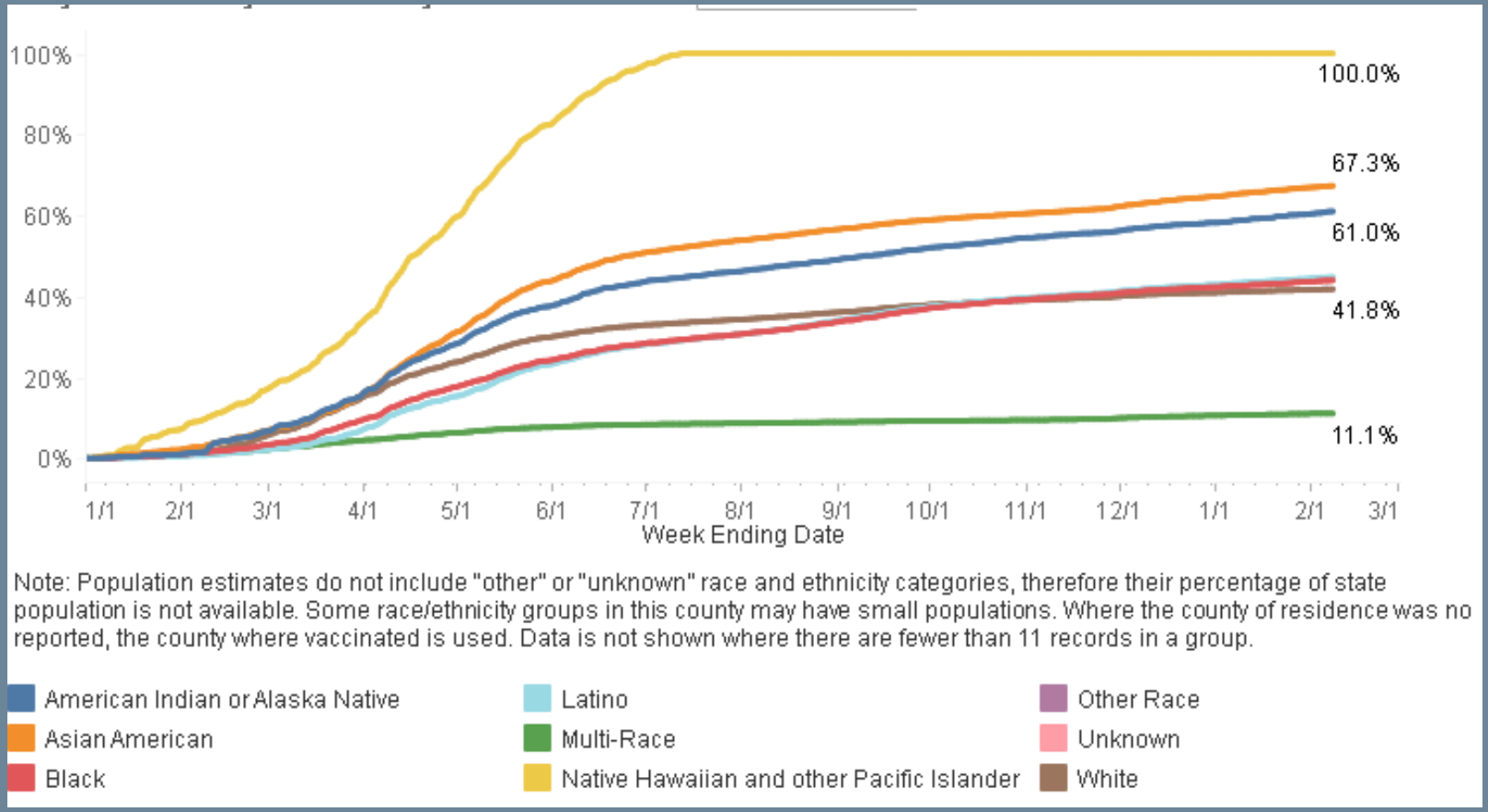
Percentages may have changed due to the addition of 5-11 year olds to the vaccine eligible population.

Vaccination Progress by Race/Ethnicity



Note: Vaccination breakdowns are updated every Wednesday.
***The data source for this chart has been changed: COVID-19 LHJ Vaccine Progress Dashboard (Internal)*

Fully Vaccinated Over Time 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.

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.
  - COVID-19 LHJ Vaccine Progress Dashboard (Internal)

- 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 results: Do not represent the total number of variant infections as not all positive COVID-19 cases can be sequenced. It can take a few weeks (sometimes up to 1 month) to receive sequencing results. The total number of specimens being sequenced is unknown, as labs/providers choose what specimens to send and where. San Joaquin County Public Health Services tends to receive more sequencing results from vaccinated cases, hospitalized cases, and cases that are connected to outbreaks.
- Vaccinations: Population estimates are for individuals 5 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. 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.