

# COVID-19 and INFLUENZA

SURVEILLANCE REPORT: February 21-27, 2021



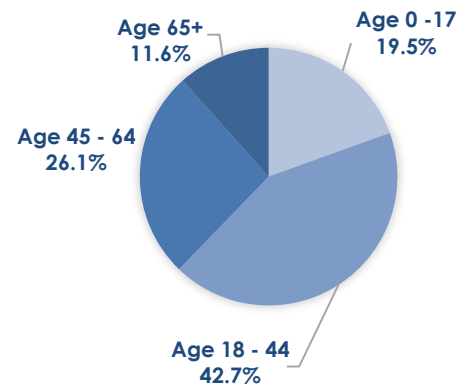
### Overview

- All metrics show improvement for this week except for new cases among children age 0-17 (an increase of 7 more new cases this week compared to last week).
- Stanislaus County remains in Tier 4 (Purple): Widespread.
- There were no new cases of influenza confirmed in Stanislaus County this week.

## COVID-19 MONITORING

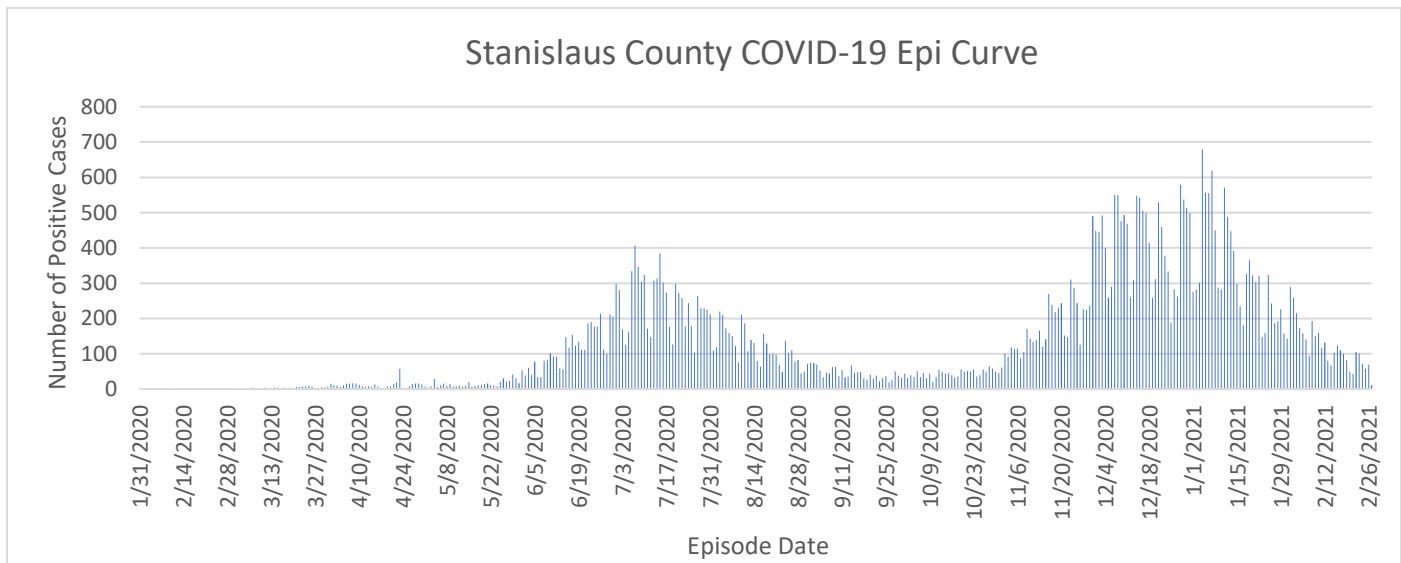
| New Positive Cases          | Report Week   |       |       | Total          |       |        |
|-----------------------------|---------------|-------|-------|----------------|-------|--------|
|                             | Count         | %     | Rate* | Count          | %     | Rate*  |
| Age 0-17                    | 141           | 19.5% | 0.94  | 5,840          | 11.6% | 39.11  |
| Age 18-44                   | 309           | 42.7% | 1.48  | 24,904         | 49.6% | 118.90 |
| Age 45-64                   | 189           | 26.1% | 1.46  | 13,510         | 26.9% | 104.62 |
| Age 65+                     | 84            | 11.6% | 1.13  | 5,968          | 11.9% | 80.25  |
| <b>TOTAL</b>                | <b>723</b>    | -     | -     | <b>50,222</b>  | -     | -      |
| <b>Total Tests Reported</b> | <b>14,349</b> |       |       | <b>521,484</b> |       |        |
| <b>Deaths</b>               | <b>20</b>     | -     | -     | <b>944</b>     | -     | -      |

REPORT WEEK CASE % BY AGE GROUP



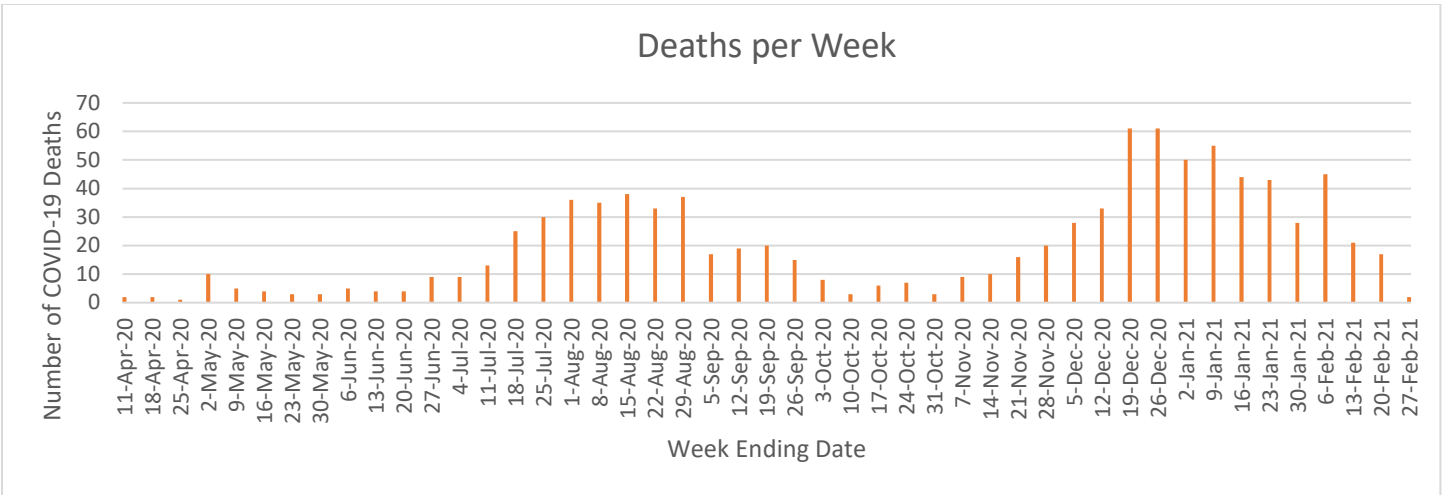
\*Rate per 1,000 population; Data Source: California Department of Finance

This graph shows the daily number of unique COVID-19 confirmed positive cases reported among Stanislaus County residents by the case's episode date. The episode date is the earliest date a person is known to have the virus and is determined using a few variables including symptom onset date and the date they were tested.



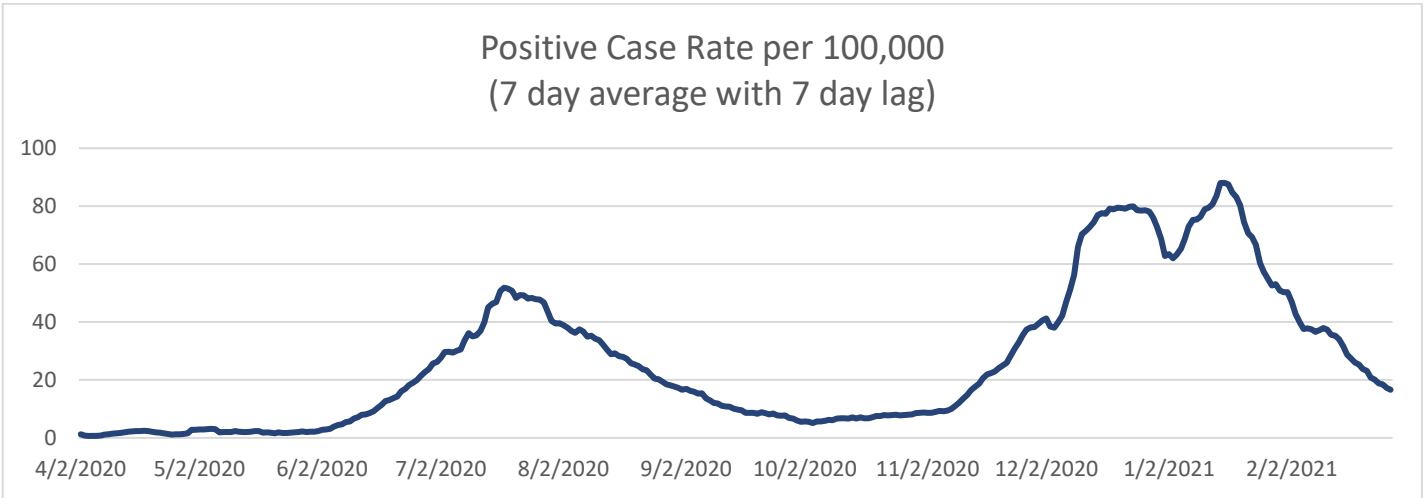
Note: Due to delays in specimen processing, totals for the past two weeks may be incomplete.

Reported COVID-19 cases and deaths on this page are those that have been confirmed by Stanislaus County Public Health.

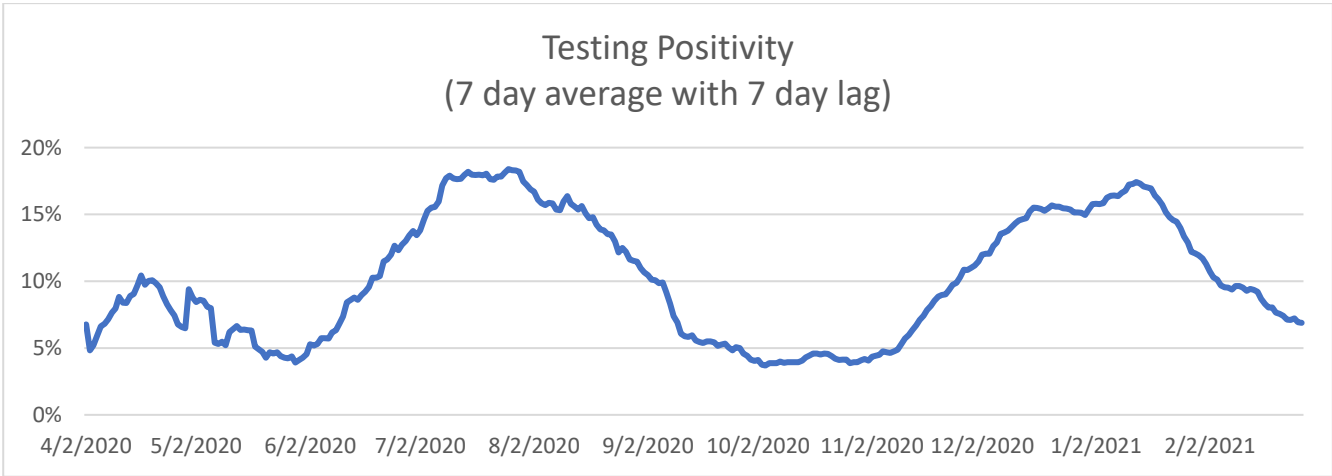


Note: Due to delays in death reporting and assessment, totals for the past two weeks may be incomplete.  
 Reported COVID-19 cases and deaths on this page are those that have been confirmed by Stanislaus County Public Health.

The graph below shows positive case rate (number of positive cases per 100,000 county population), 7-day average with 7 day lag, through the report week. This does not include the state adjustments and may vary from state measures.



The graph below shows testing positivity (percent of tests that are positive), 7-day average with 7-day lag, through the report week. This may vary from state measures.



## COUNTY RISK LEVEL

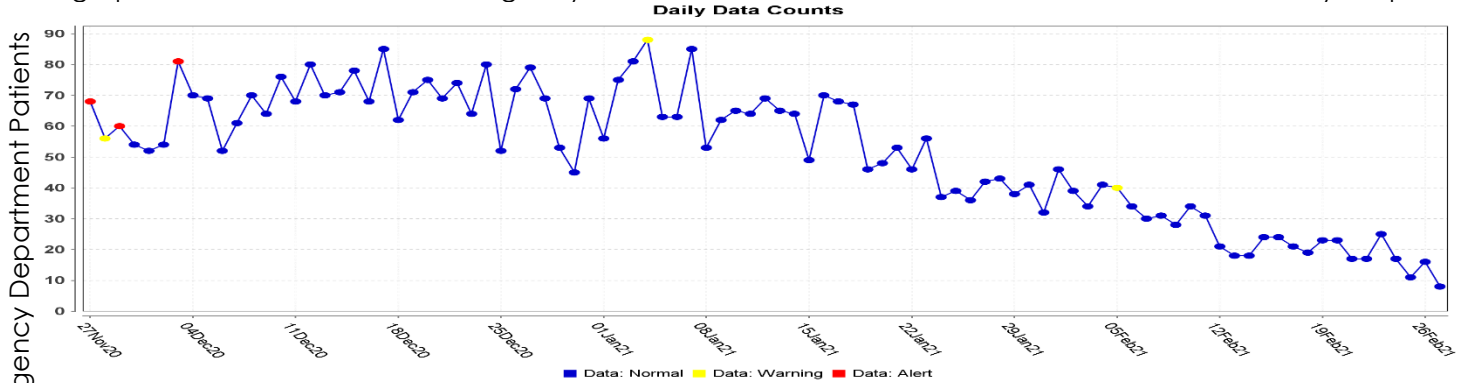
The State of California changed county monitoring strategies as of August 30, 2020. Below are the standard categories as well as the current ratings for Stanislaus County.

| Measure<br>(7 day lag)   | Stanislaus<br>(as of 3/1/21 for<br>week ending<br>2/20/21) | Higher Risk <span style="font-size: 1.2em;">→</span> Lower Risk<br>Of Community Disease Transmission |                       |                    |                   |
|--|--|--|-----------------------|--------------------|-------------------|
|  |  | Widespread<br>Tier 1   | Substantial<br>Tier 2 | Moderate<br>Tier 3 | Minimal<br>Tier 4 |
| <b>Adjusted Case Rate for Tier Assignment*</b> (Rate per 100,000 ) | <b>15.7</b>  | <b>&gt;7</b>   | <b>4-7</b>            | <b>1-3.9</b>       | <b>&lt;1</b>      |
| <b>Testing Positivity</b>  | <b>6.3%</b>  | <b>&gt;8%</b>  | <b>5-8%</b>           | <b>2-4.9%</b>      | <b>&lt;2%</b>     |

\*Adjusted case rate will be determined using confirmed (by PCR) cases, includes an adjustment factor for counties that are testing below the state average.

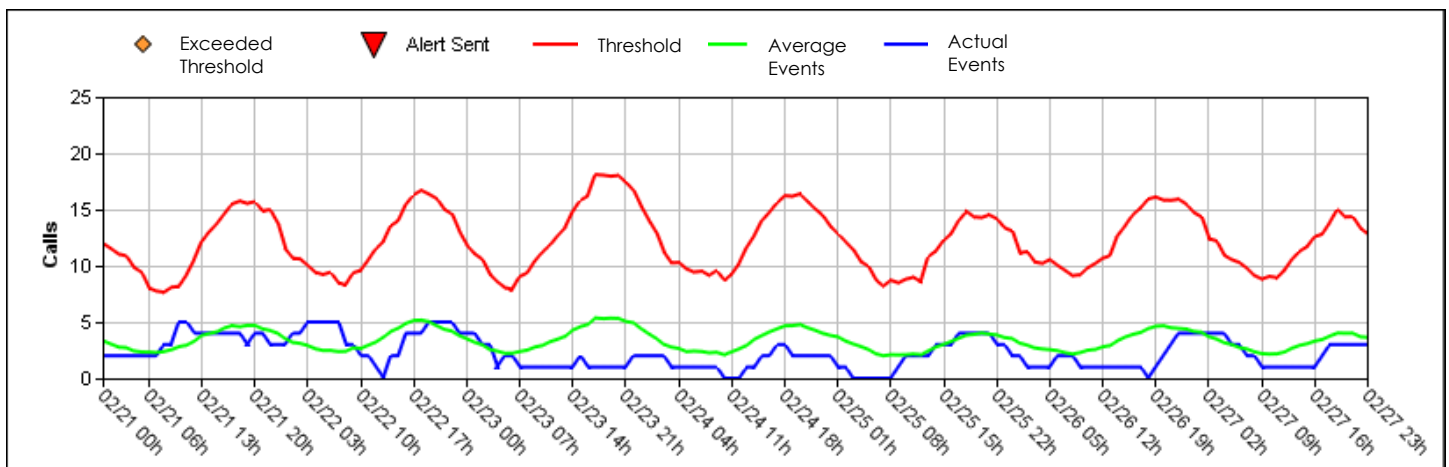
## COMMUNITY MONITORING – EMERGENCY CASES COVID-19 LIKE ILLNESS

This graph shows the number of emergency room visits for COVID-19-like illness for all Stanislaus County Hospitals.



### Mountain Valley EMS COVID-19 Responses

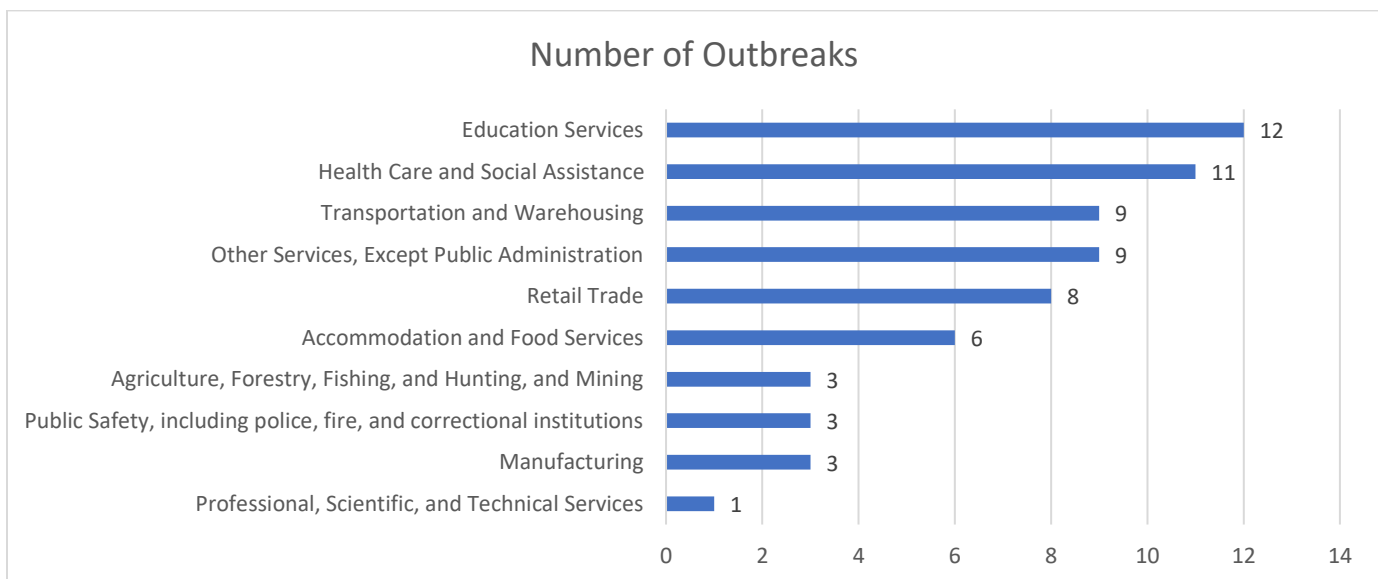
This graph shows the ambulance calls (blue) for COVID-19 related situations compared to the threshold of concern (red).



## COVID-19 OUTBREAKS BY INDUSTRY

### Current Outbreaks as of March 3, 2021:

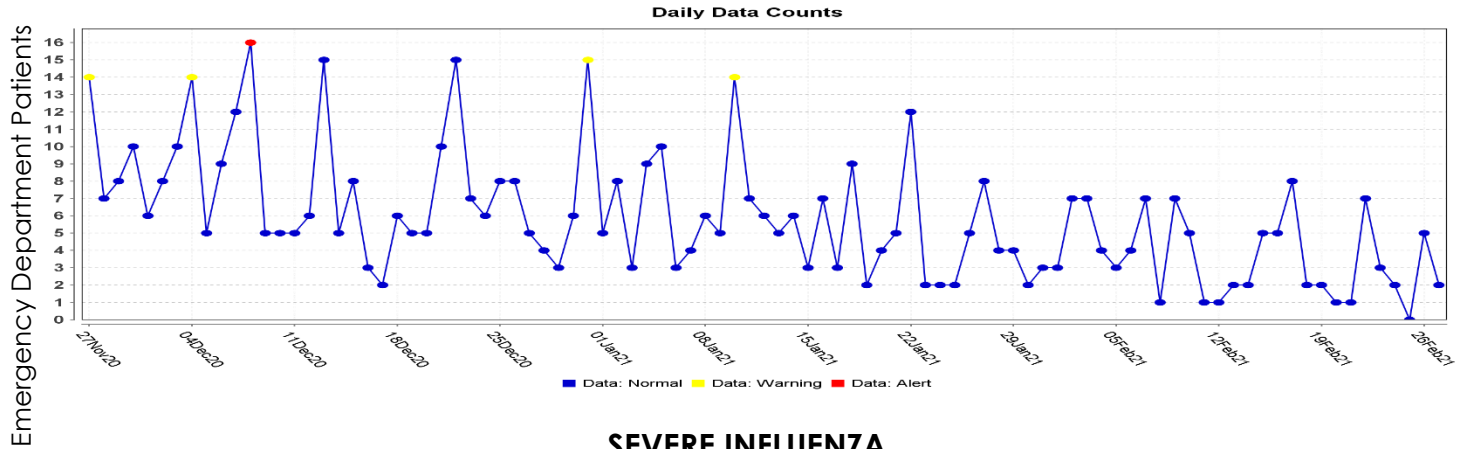
|   | Number of Open Outbreaks |
|---|--------------------------|
| Education Services  | 12                       |
| Healthcare and Social Assistance                                    | 11                       |
| Transportation and Warehousing                                      | 9                        |
| Other Services, Except Public Administration                        | 9                        |
| Retail Trade  | 8                        |
| Accommodation and Food Services                                     | 6                        |
| Agriculture, Forestry, Fishing and Hunting                          | 3                        |
| Manufacturing   | 3                        |
| Public Safety including police, fire, and correctional institutions | 3                        |
| Professional, Scientific, and Technical Services                    | 1                        |
| <b>TOTAL</b>  | <b>65</b>                |



# INFLUENZA MONITORING

## INFLUENZA LIKE ILLNESS

This graph shows the number of emergency room visits for Influenza-like illness complaints for all Stanislaus County Hospitals.



## SEVERE INFLUENZA

This chart shows the number of people who are in the intensive care unit and deaths for children under 18 from influenza.

|                                       | Report Week | This Influenza Year (since September 27, 2020) |
|---------------------------------------|-------------|--|
| <b>Intensive Care Unit (under 18)</b> | 0           | 0  |
| <b>Death (under 18)</b>               | 0           | 0  |

## TYPES OF INFLUENZA-LIKE ILLNESS

This chart looks at how many samples were tested for different kinds of influenza-like illness in San Joaquin and Stanislaus\* during the report week, and how many were positive, in order to monitor what is currently spreading in the area.

|                                 | Report Week    |                | This Influenza Year (since September 27, 2020) |                |
|---------------------------------|----------------|----------------|--|----------------|
|                                 | Samples Tested | Positive Tests | Samples Tested                                 | Positive Tests |
| <b>Influenza A</b>              | 257            | 0              | 14,350   | 3              |
| <b>Influenza B</b>              | 257            | 0              | 14,350   | 2              |
| <b>RSV</b>                      | 103            | 0              | 2,922  | 3              |
| <b>Parainfluenza**</b>          | 0              | 0              | 13   | 0              |
| <b>Adenovirus**</b>             | 0              | 0              | 13   | 0              |
| <b>Rhinovirus/Enterovirus**</b> | 0              | 0              | 13   | 3              |
| <b>Human Metapneumovirus**</b>  | 0              | 0              | 13   | 0              |

\*Includes Influenza (A and B) and RSV testing information from four Stanislaus County Hospitals and the San Joaquin Public Health Lab.

\*\*Only includes lab tests from San Joaquin Public Health Laboratory.