

# Respiratory Virus Surveillance Report

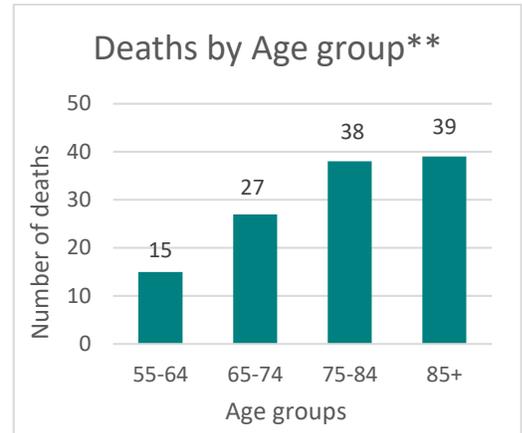
SURVEILLANCE REPORT: Dec 18 – Dec 31

### Overview

- COVID-19 Cases and Percentage of positive tests have decreased.
- COVID-19, RSV and Influenza related Emergency Department visits have decreased.
- Wastewater data shows Modesto's and Turlock's average SARS-CoV-2, RSV and Influenza have decreased from last week.

## COVID-19 MONITORING

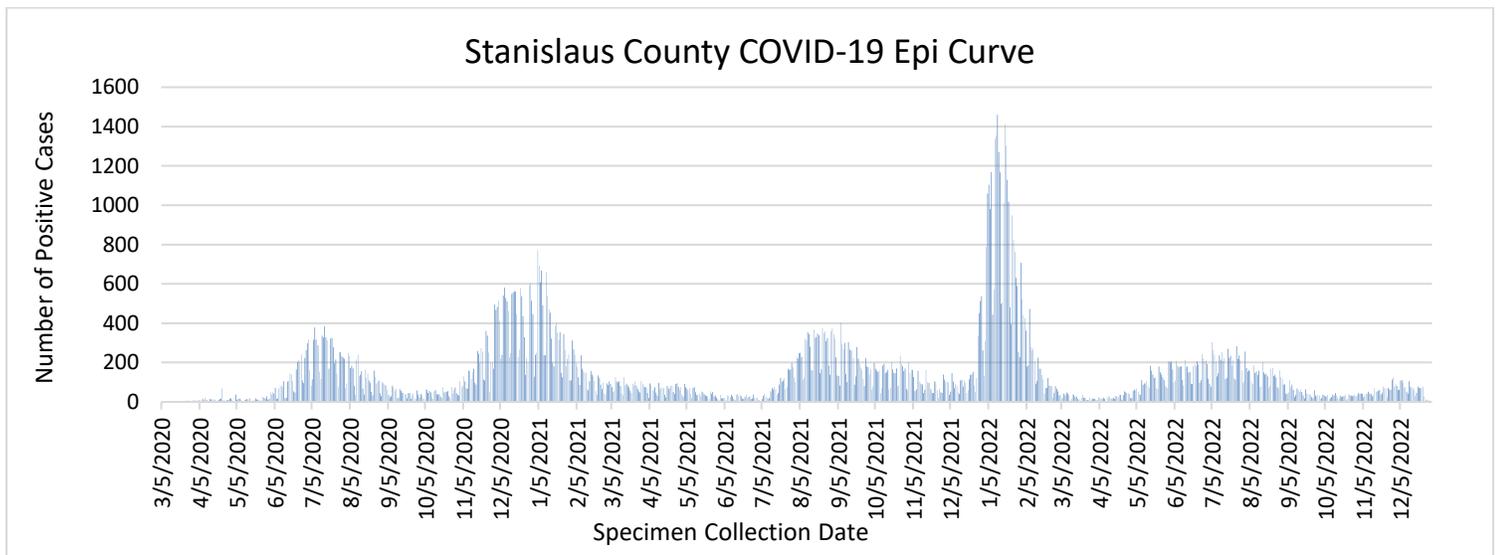
| Age           | Report Weeks |       |      | Total          |       |        |
|---------------|--------------|-------|------|----------------|-------|--------|
|               | Count        | %     | Rate | Count          | %     | Rate*  |
| 0-17          | 105          | 10.4% | .70  | 24,249         | 16.9% | 162.38 |
| 18-44         | 388          | 38.6% | 1.85 | 67,319         | 47.0% | 321.39 |
| 45-64         | 272          | 27.1% | 2.11 | 35,339         | 24.7% | 273.66 |
| 65+           | 240          | 23.9% | 3.23 | 16,355         | 11.4% | 219.91 |
| <b>Total</b>  | <b>1,005</b> | -     | -    | <b>143,305</b> | -     | -      |
| <b>Deaths</b> | <b>6</b>     | -     | -    | <b>1,913</b>   | -     | -      |



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

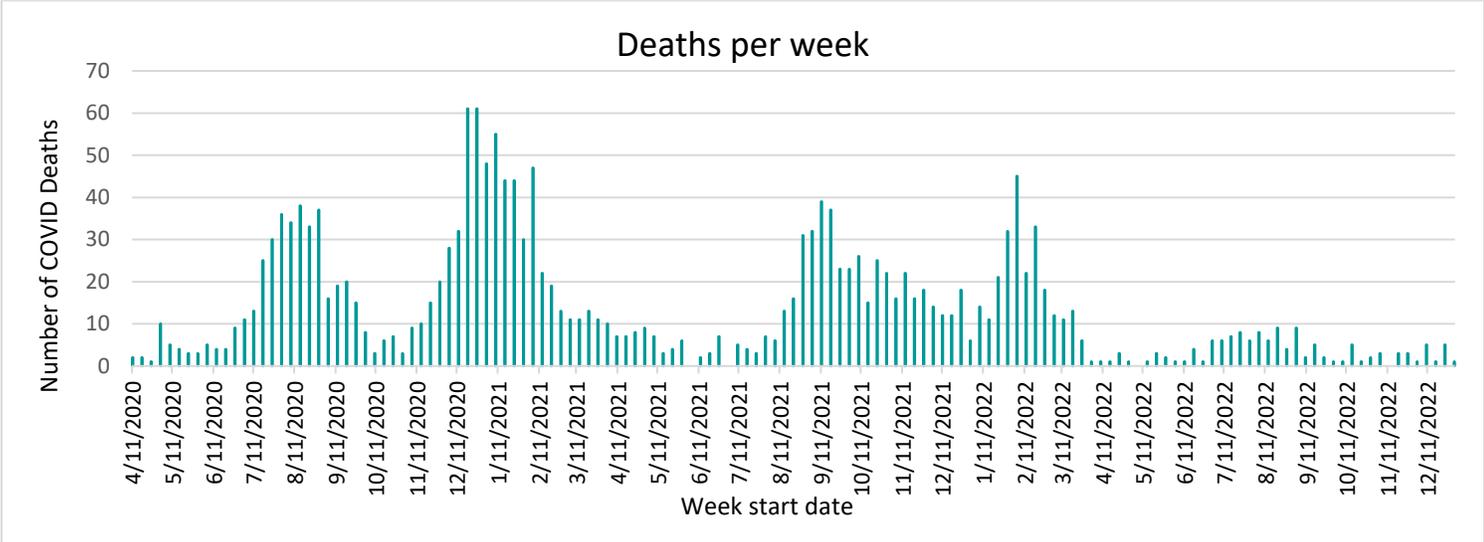
\*\* Total Deaths from April 1, 2022, through December 31, 2022, Age groups with less than 10 deaths are not displayed.

This graph shows the daily number of COVID-19 confirmed cases reported among Stanislaus County residents by episode date.



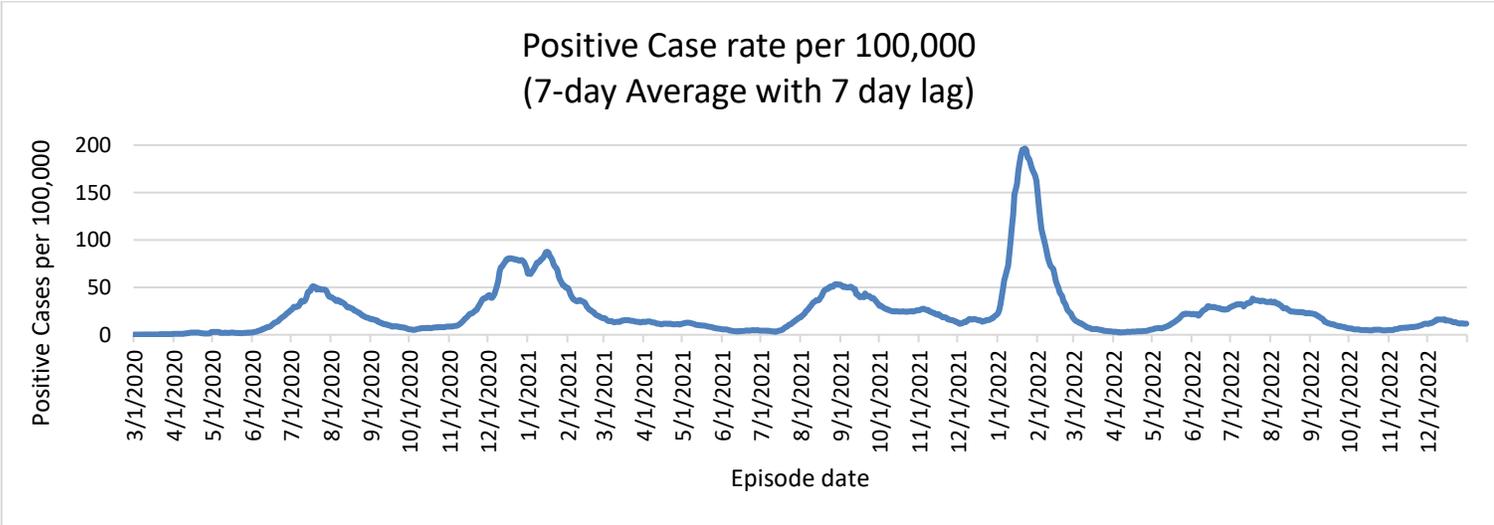
Note: Due to delays in specimen processing, data may be incomplete.

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

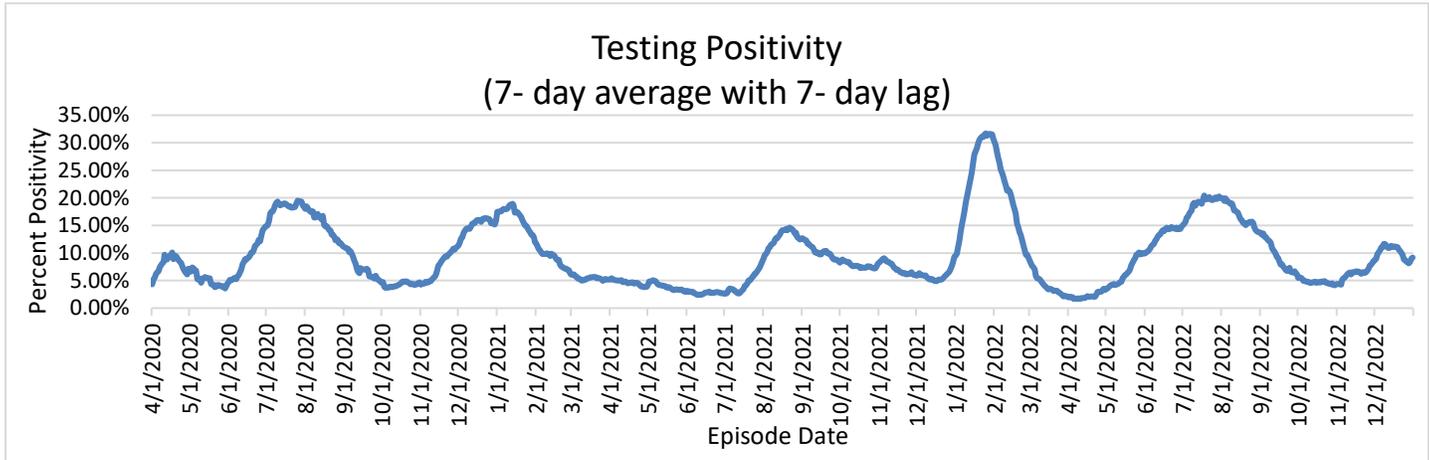


Note: Due to delays in death reporting and assessment, data may be incomplete. Reported COVID-19 cases and deaths on this page are those that have been confirmed by Stanislaus County Public Health.

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.



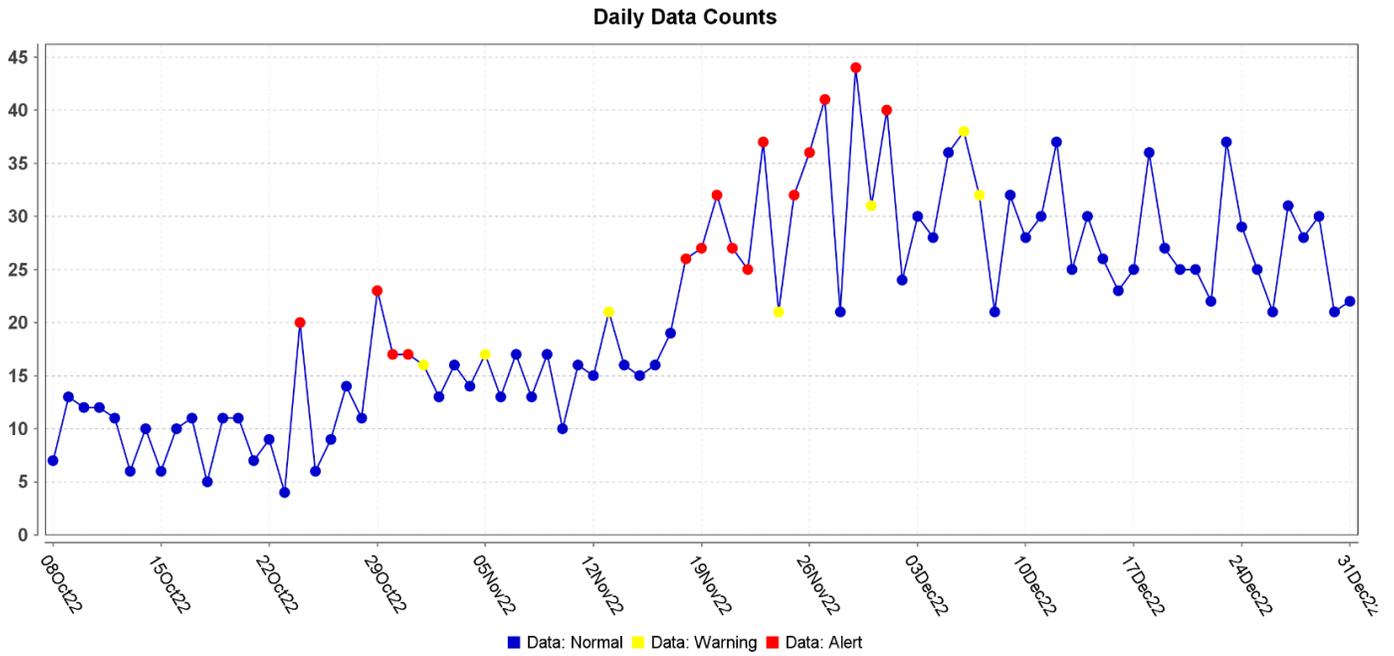
The graph below shows testing positivity (percent of tests that are positive), 7-day average with 7-day lag, through the report weeks. This may vary from state measures.



# COMMUNITY MONITORING – EMERGENCY CASES

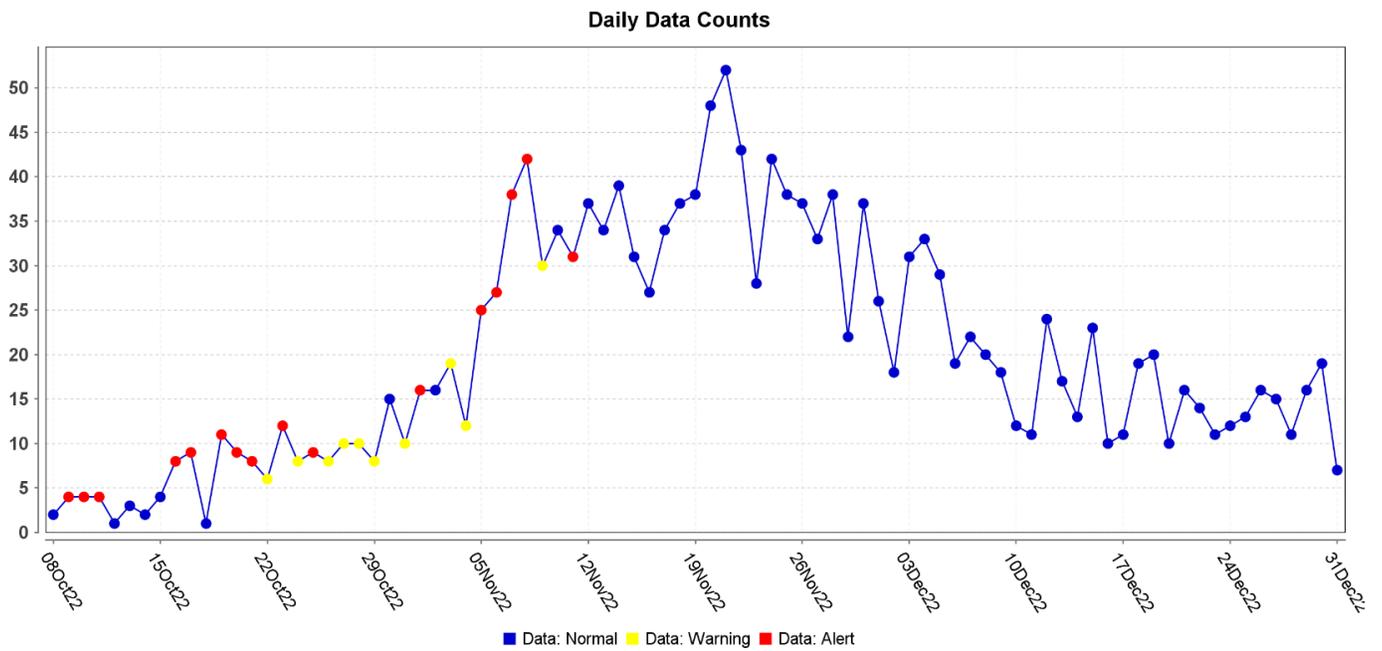
## COVID-19 LIKE ILLNESS

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



## RSV MONITORING

This graph shows the number of emergency room visits for RSV for all Stanislaus County Hospitals.

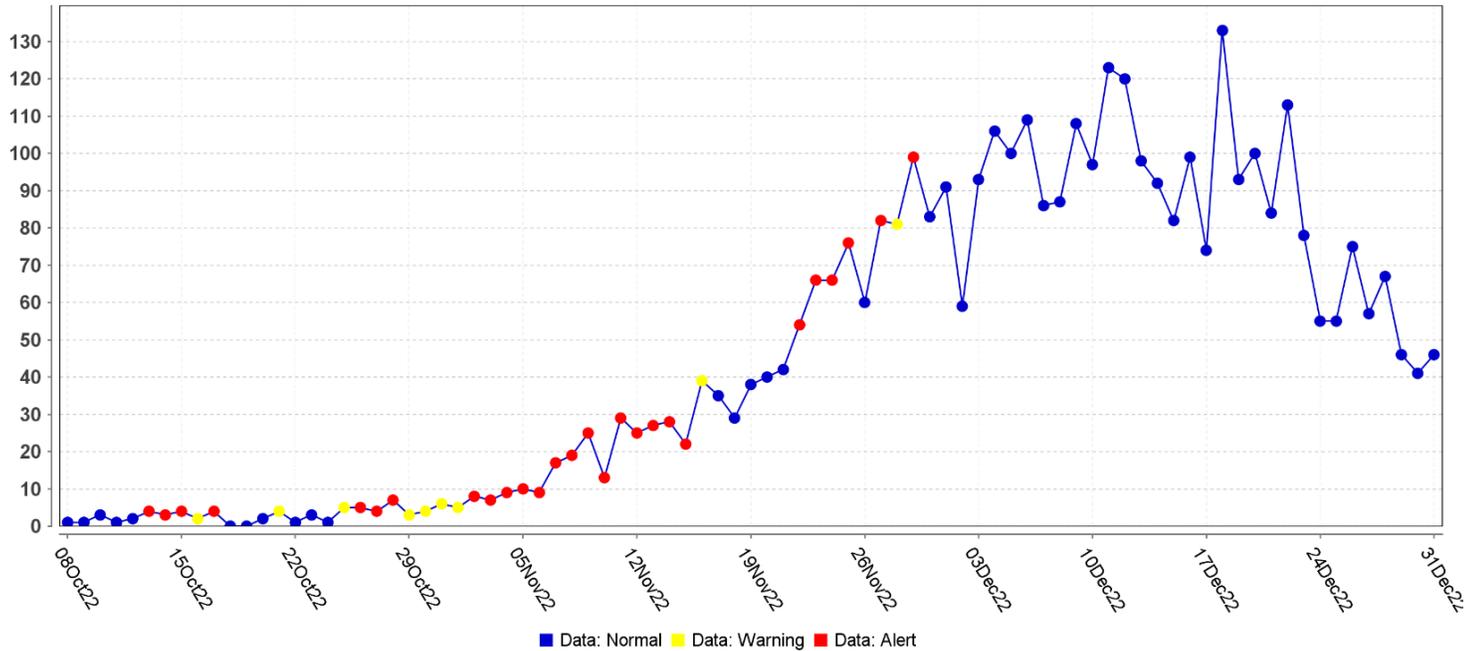


# INFLUENZA MONITORING

## Influenza like illness

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

Daily Data Counts



## 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 |
|---------------------------------|-------------|---------------------|
| <b>Intensive Care Unit</b>      | 0           | 0                   |
| <b>Death under 18 years old</b> | 0           | 0                   |

The influenza year begins MMWR week 40, this year beginning on October 2.

## Laboratory detections of respiratory viruses other than COVID-19

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.

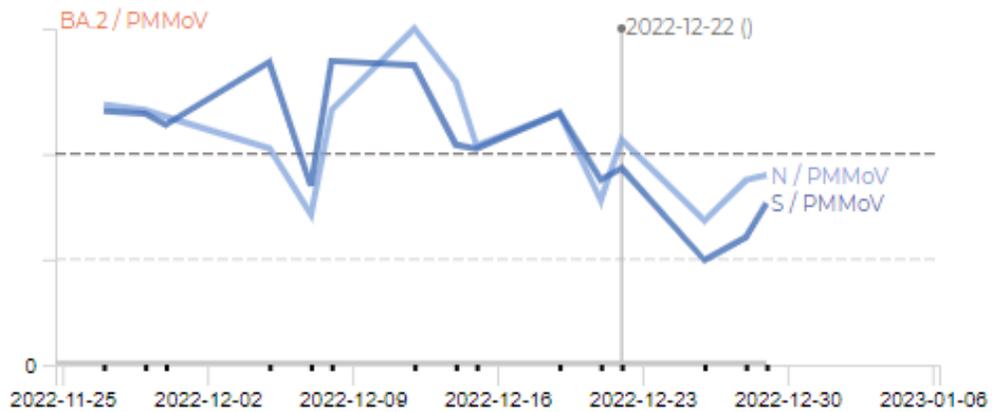
|                      | Report Weeks   |                | This Influenza Year |                |
|----------------------|----------------|----------------|---------------------|----------------|
|                      | Samples Tested | Positive Tests | Samples Tested      | Positive Tests |
| <b>Influenza A</b>   | 65             | 7              | 479                 | 73             |
| <b>Influenza B</b>   | 65             | 0              | 479                 | 0              |
| <b>RSV</b>           | 13             | 2              | 145                 | 33             |
| <b>Parainfluenza</b> | 13             | 0              | 145                 | 15             |
| <b>Adenovirus</b>    | 13             | 0              | 145                 | 8              |

|                            |    |   |     |    |
|----------------------------|----|---|-----|----|
| Rhinovirus/Enterovirus     | 13 | 5 | 145 | 49 |
| Human Metapneumovirus      | 13 | 1 | 145 | 4  |
| Non-COVID-19 Coronaviruses | 0  | 0 | 0   | 0  |

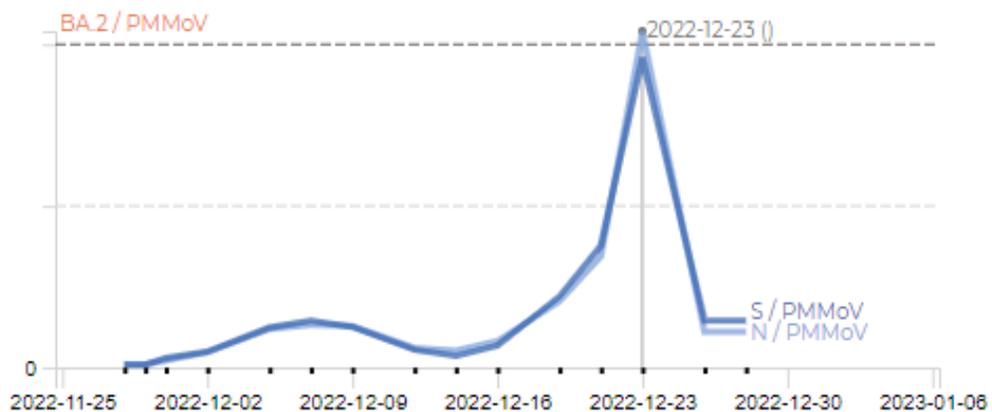
Table reference reflects the San Joaquin Public health lab testing numbers

## COMMUNITY MONITORING – WASTEWATER SURVEILLANCE COVID-19

### Modesto

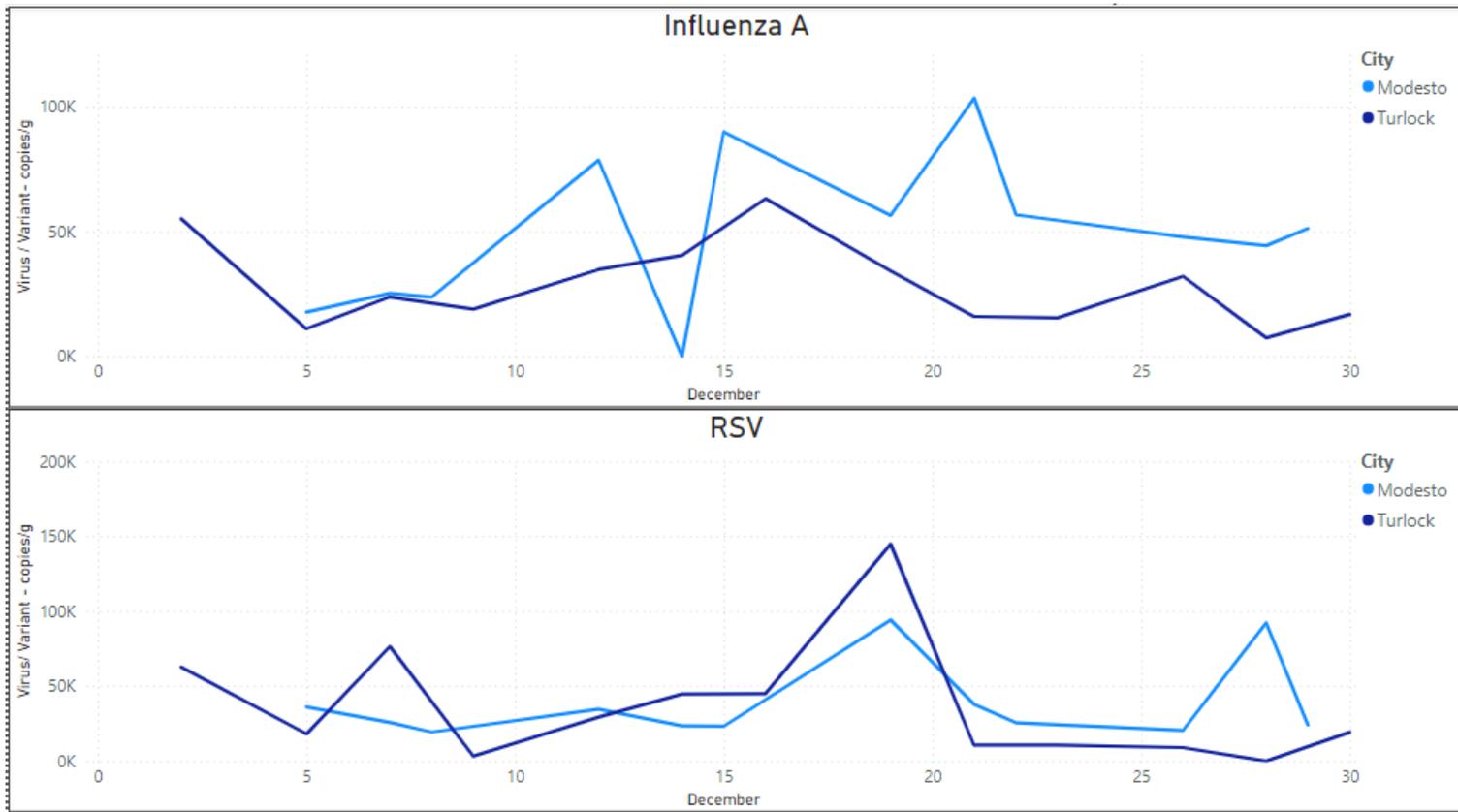


### Turlock



Source: <https://healthycytogether.org/data/stanislaus-county-wastewater-data/>

# INFLUENZA and RSV



Source: <http://publichealth.verily.com/>