

Respiratory Virus Surveillance Report

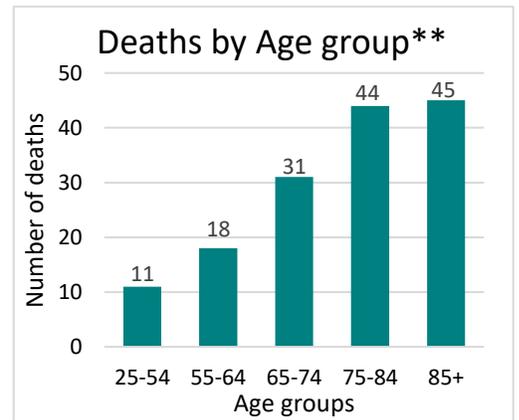
SURVEILLANCE REPORT: Jan 8 – Jan 21

Overview

- COVID-19 Cases and Percentage of positive tests have been stable.
- 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

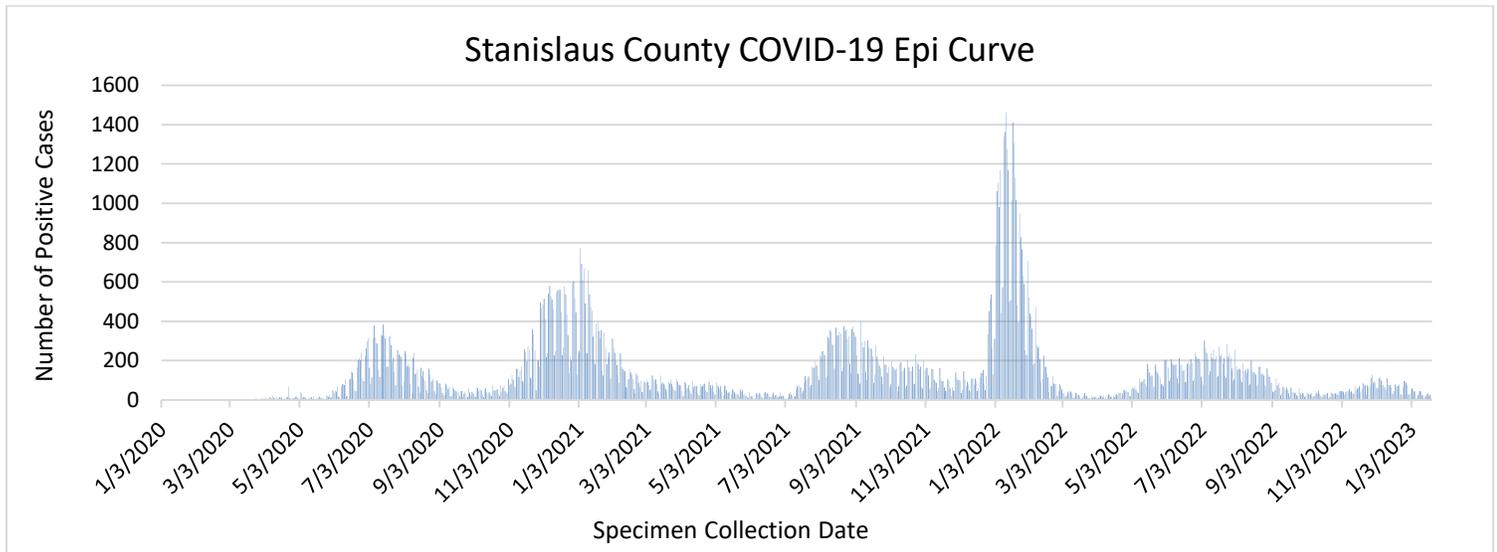
Age	Report Weeks			Total		
	Count	%	Rate	Count	%	Rate*
0-17	53	12.4%	0.35	24,353	16.9%	163.07
18-44	143	33.5%	0.68	67,585	46.9%	322.66
45-64	106	24.8%	0.82	35,568	24.7%	275.43
65+	125	29.3%	1.68	16,561	11.5%	222.68
Total	427	-	-	144,111	-	-
Deaths	14	-	-	1,934	-	-



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

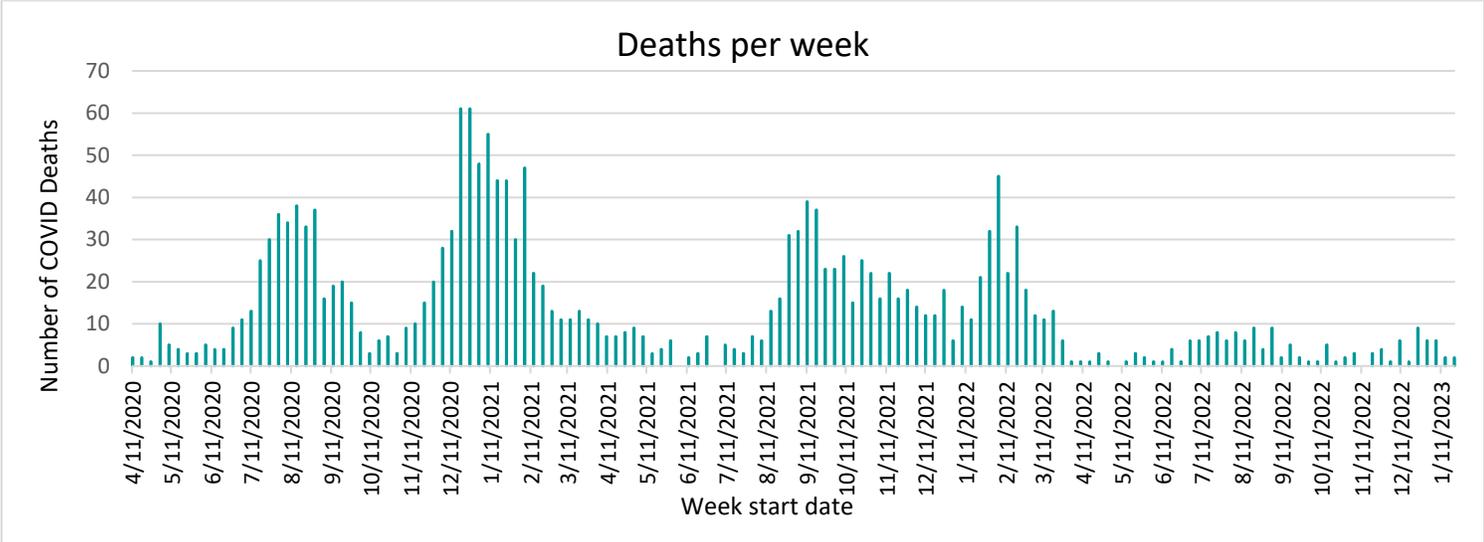
** Total Deaths from April 1, 2022, through January 21, 2023. Age groups with less than 10 deaths are not displayed.

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



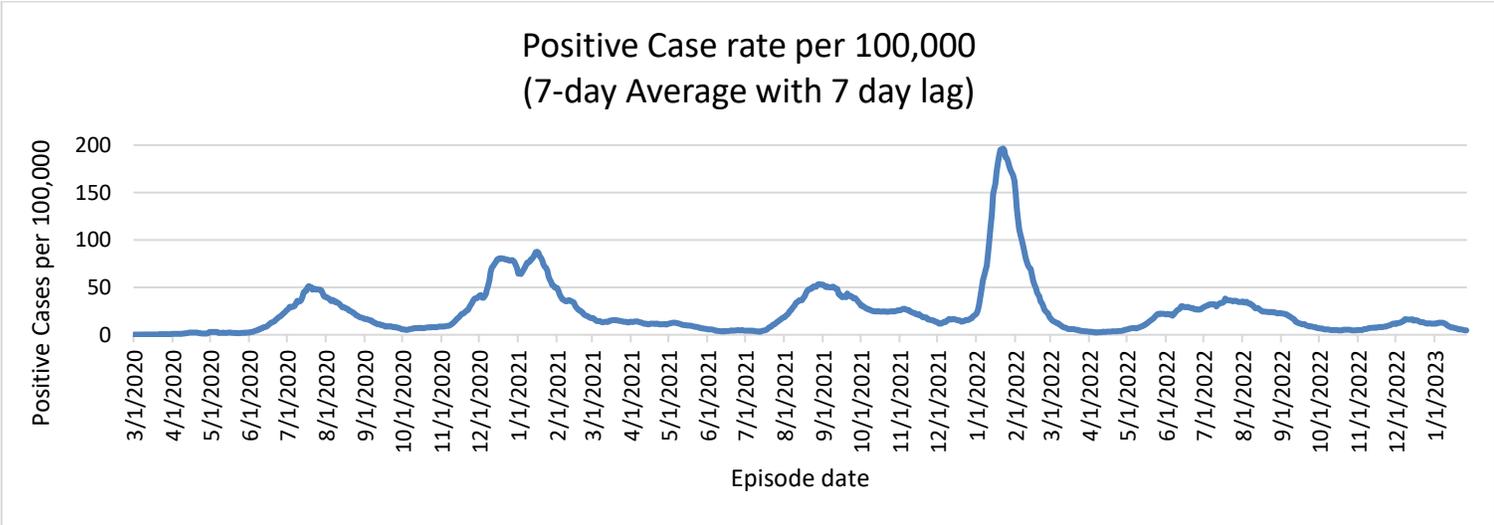
Note: Due to delays in specimen processing, data may be incomplete.

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

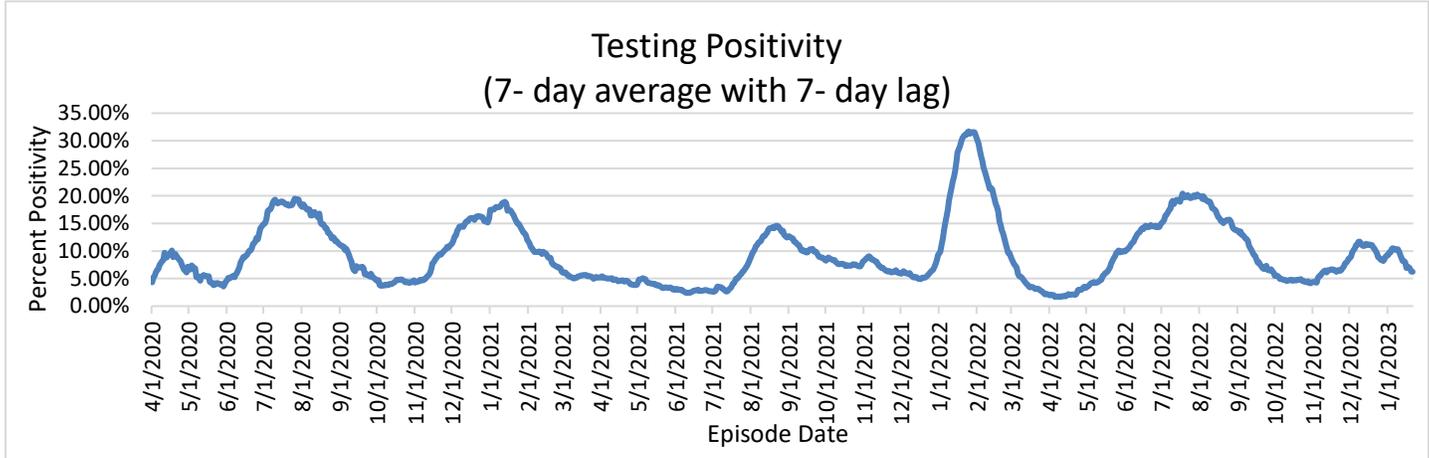


Note: Due to delays in death reporting and assessment, data may be incomplete. Reported COVID-19 cases and deaths on this page are those that have been confirmed by Stanislaus County Public Health.

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.



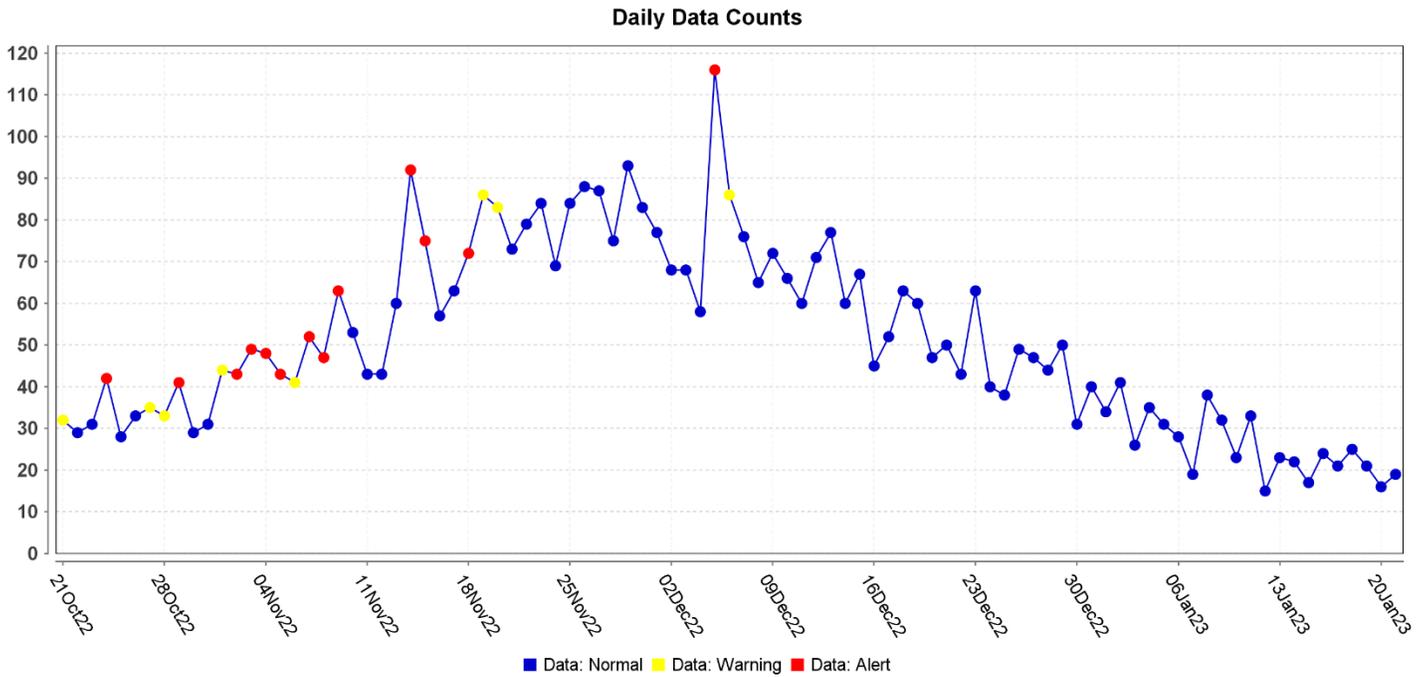
The graph below shows testing positivity (percent of tests that are positive), 7-day average with 7-day lag, through the report weeks. This may vary from state measures.



COMMUNITY MONITORING – EMERGENCY CASES

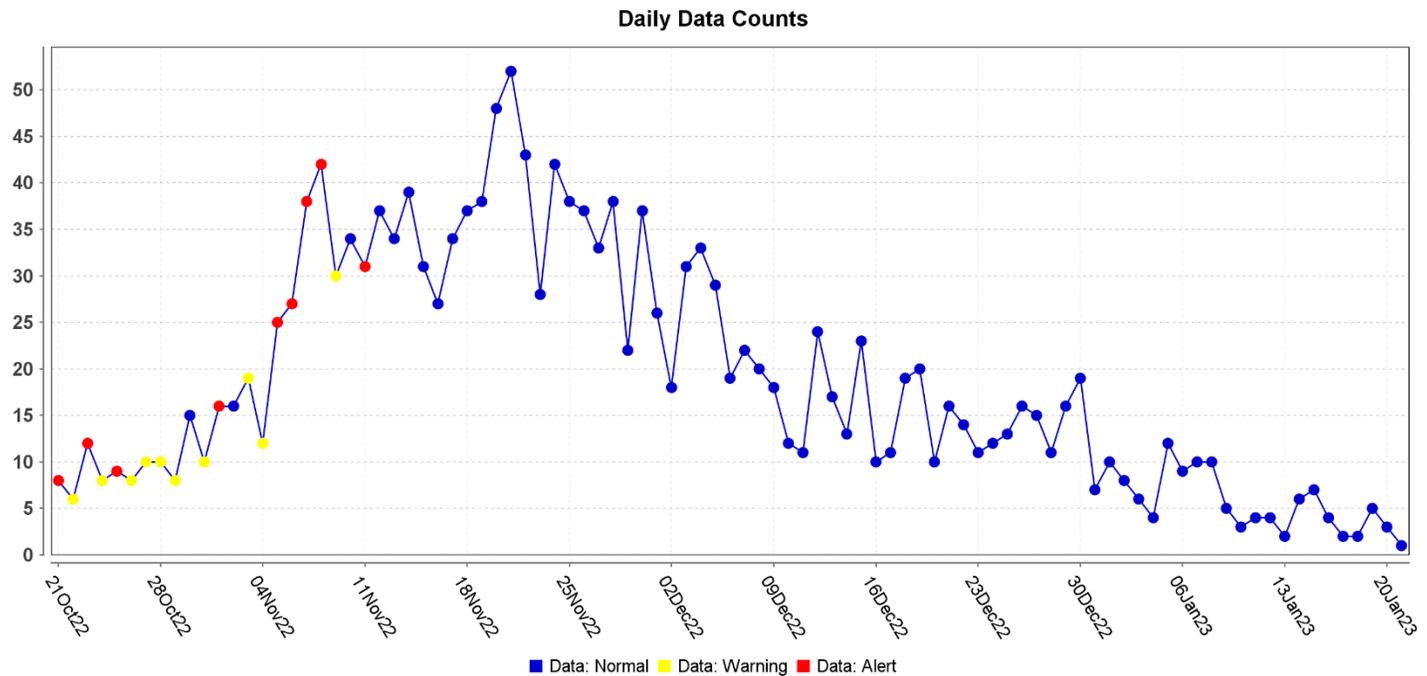
COVID-19 LIKE ILLNESS

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.

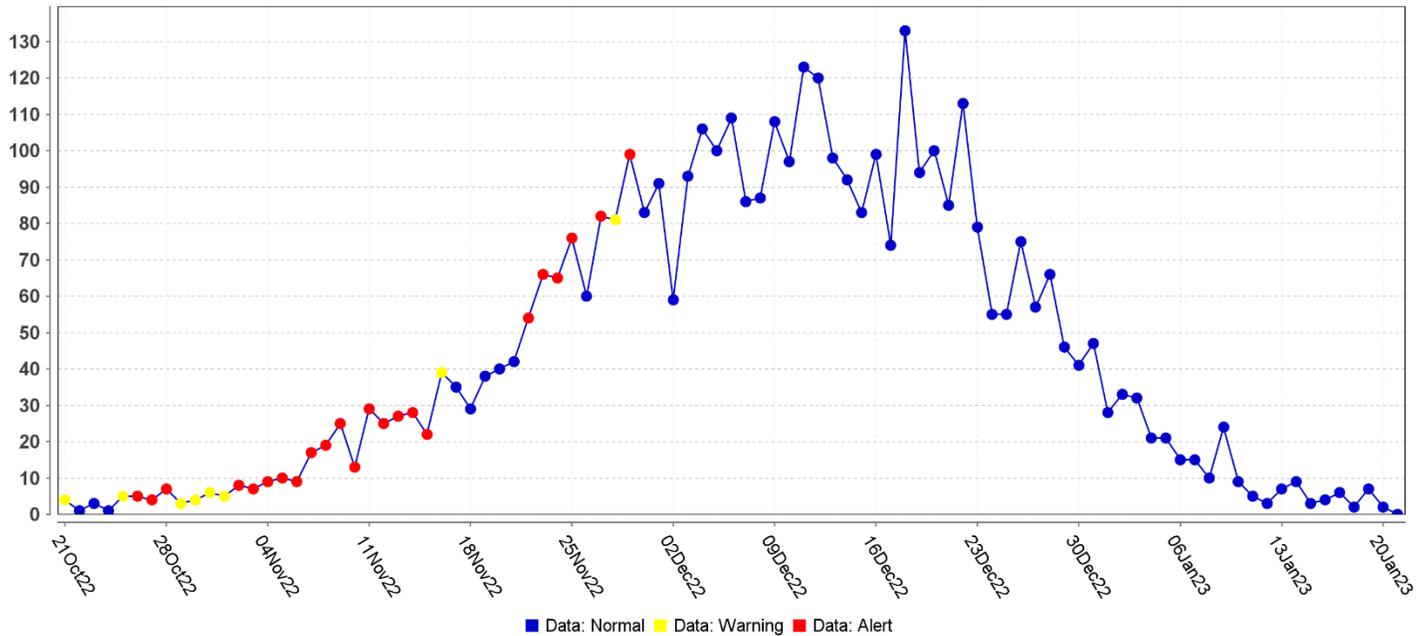


INFLUENZA MONITORING

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
Intensive Care Unit	0	0
Death under 18 years old	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
Influenza A	51	2	564	75
Influenza B	51	1	564	1
RSV	14	0	163	36
Parainfluenza	14	0	163	16
Adenovirus	14	1	163	9

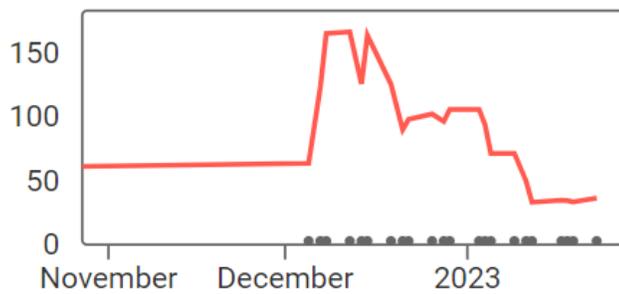
Rhinovirus/Enterovirus	14	3	163	55
Human Metapneumovirus	14	2	163	6
Non-COVID-19 Coronaviruses	0	0	0	0

Table reference reflects the San Joaquin Public health lab testing numbers

COMMUNITY MONITORING – WASTEWATER SURVEILLANCE COVID-19

Modesto:

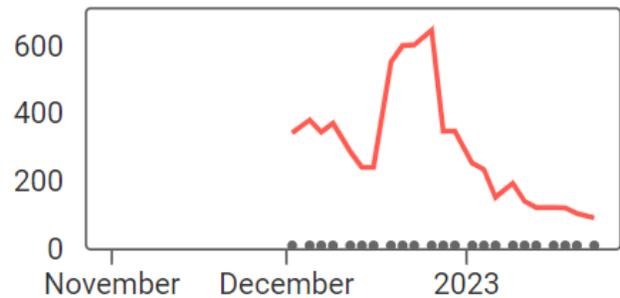
SARS-CoV-2



● N Gene - all variants

Turlock:

SARS-CoV-2

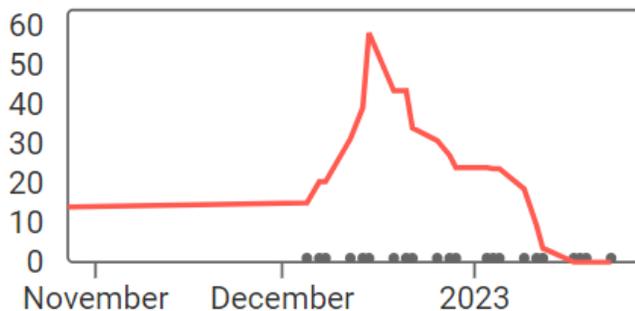


● N Gene - all variants

INFLUENZA and RSV

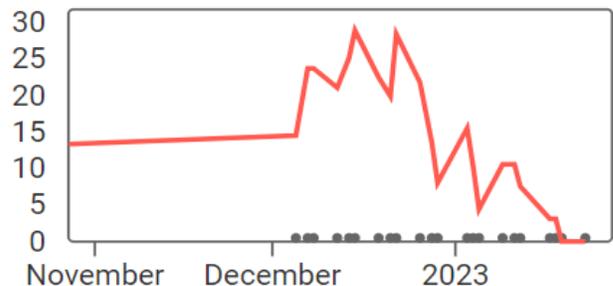
Modesto:

Influenza



● Influenza A

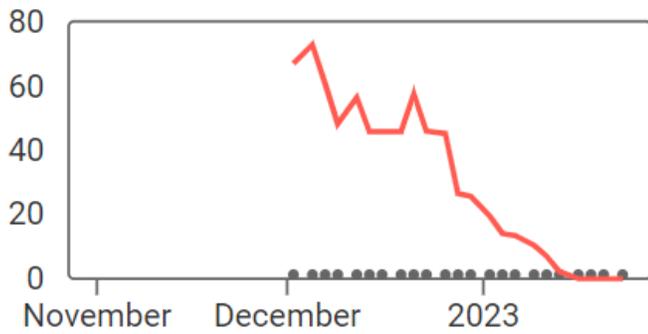
Respiratory syncytial virus (RSV)



● RSV

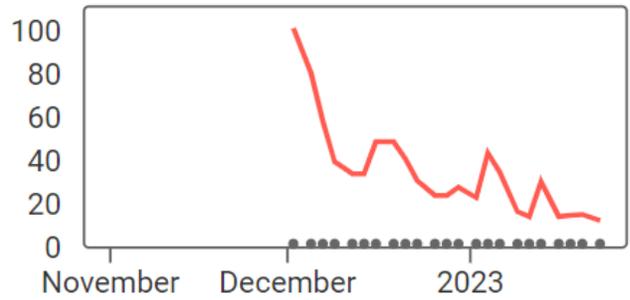
Turlock:

Influenza



● Influenza A

Respiratory syncytial virus (RSV)



● RSV

Source: <https://data.wastewaterscan.org/?plantId=ad86a9d1-bf65-434f-936f-ec8da7cdb512>