



Northern Oklahoma College

Additional Information related to COVID 19

January 4, 2022

NOC should “stay the course”

- Vaccinations and boosters are strongly encouraged.
 - District 3 Mobile Health Unit will provide opportunities for testing and vaccines on Tonkawa campus every second and fourth Monday this semester.
- Masks are strongly encouraged if not fully vaccinated.
 - **Fully vaccinated:** Vaccinated with the initial series of vaccinations and have received the booster
 - **Not Fully Vaccinated:** Not vaccinated OR six months from initial series of Pfizer/Moderna (or two months from J&J) AND no booster
- Masks are encouraged regardless of vaccination status in areas of substantial or high transmission.
- Nursing and Global Education students may be required to wear facemasks and be fully vaccinated.
- Social distancing is encouraged.
- Sanitization of work spaces is encouraged.
- Be considerate of others.

Where we are with COVID-19?

- COVID-19, with the Omicron variant is receiving a surge in cases that are reported and in deaths in Oklahoma and in the United States.

COVID-19 Health and Safety Decision Matrix

- A decision matrix has been developed that will help you determine whether you should isolate, quarantine or if you can come to work or class when you have been exposed to someone with COVID-19 or if you have received positive test results.
- The matrix was developed from adapting a resource from another college, extensive work from the NOC Executive Council, input from employees across the college campuses, and recent updates from the CDC. The research related to the Omicron variant has provided some important new information that we are using to determine quarantine, isolation guidelines and face-to-face campus engagement.
- The matrix has been **sent to your email along with this presentation** and employees need to carefully read the information and use it to determine if you can come to work. Complete the COVID-19 Self-Reporting Form and keep your supervisor informed.

The Omicron Variant

Omicron variant in the USA

- The Omicron variant was reported in South Africa on November 24, 2021.
- US had it's first confirmed case of Omicron on December 1, 2021.
- CDC is working with state and local public health officials to [monitor the spread of Omicron](#). As of December 20, 2021, Omicron has been detected in most states and territories and is rapidly increasing the proportion of COVID-19 cases it is causing.
- CDC is expecting a surge of COVID-19 cases in the coming days to weeks.

Omicron variant in the USA

- Vaccination Effectiveness
 - Data from South Africa and the United Kingdom demonstrate that vaccine effectiveness against infection for two doses of an mRNA vaccine is approximately 35%.
 - COVID vaccine booster increases effectiveness to 75%
- Transmission period
 - Major transmission occurs 1-2 days prior to onset of symptoms and 2-3 days after.

Omicron variant and vaccines

- Vaccines remain the best public health measure to protect people from COVID-19, slow transmission, and reduce the likelihood of new variants emerging.
- COVID-19 vaccines are highly effective at preventing severe illness, hospitalizations, and death.
- Scientists are currently investigating Omicron, including how protected fully vaccinated people will be against infection, hospitalization, and death.
- CDC recommends that everyone 5 years and older protect themselves from COVID-19 by getting [fully vaccinated](#).
- CDC recommends that everyone ages 18 years and older should get a [booster](#) shot at least two months after their initial J&J/Janssen vaccine or six months after completing their primary COVID-19 vaccination series of Pfizer-BioNTech or Moderna.

Omicron variant and masks

- Masks offer protection against all variants.
- CDC continues to recommend wearing a mask in public indoor settings in areas of substantial or high [community transmission](#), regardless of vaccination status.
- CDC provides [advice about masks](#) for people who want to learn more about what [type of mask](#) is right for them depending on their circumstances.

Omicron variant and testing

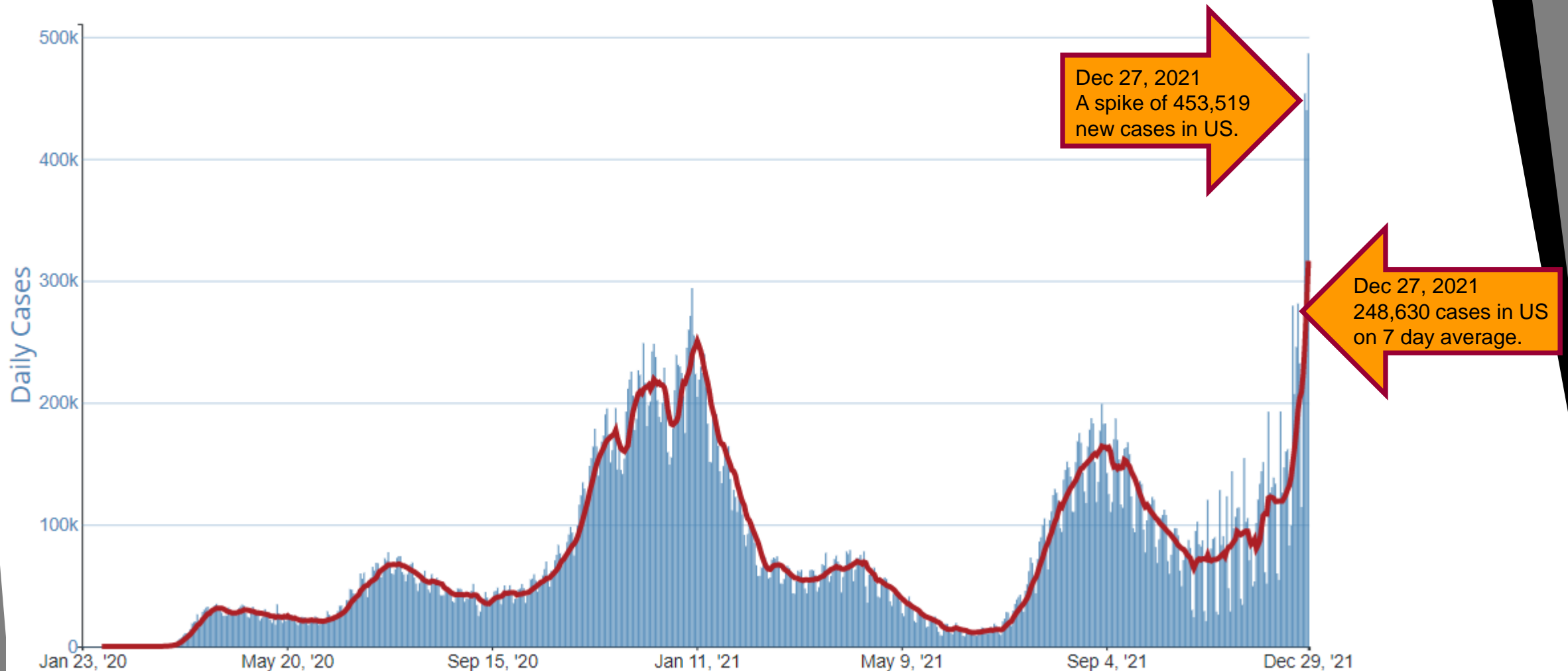
- Tests can tell you if you are currently infected with COVID-19.
- Two types of tests are used to [test for current infection](#): nucleic acid amplification tests ([NAATs](#)) and [antigen tests](#). NAAT and antigen tests can only tell you if you have a current infection.
- Individuals can use the [COVID-19 Viral Testing Tool](#) to help determine what kind of test to seek.
 - Additional tests would be needed to determine if your infection was caused by Omicron.
 - Visit your [state](#), [tribal](#), local, or [territorial](#) health department's website to look for the latest local information on testing.
- [Self-tests](#) can be used at home or anywhere, are easy to use, and produce rapid results.
 - If your self-test has a positive result, stay home or isolate for 10 days, wear a mask if you have contact with others, and call your healthcare provider.

An Update on the COVID-19 Situation

In Oklahoma and the United States

Daily Trends of new cases of COVID-19 in USA

Reported to CDC

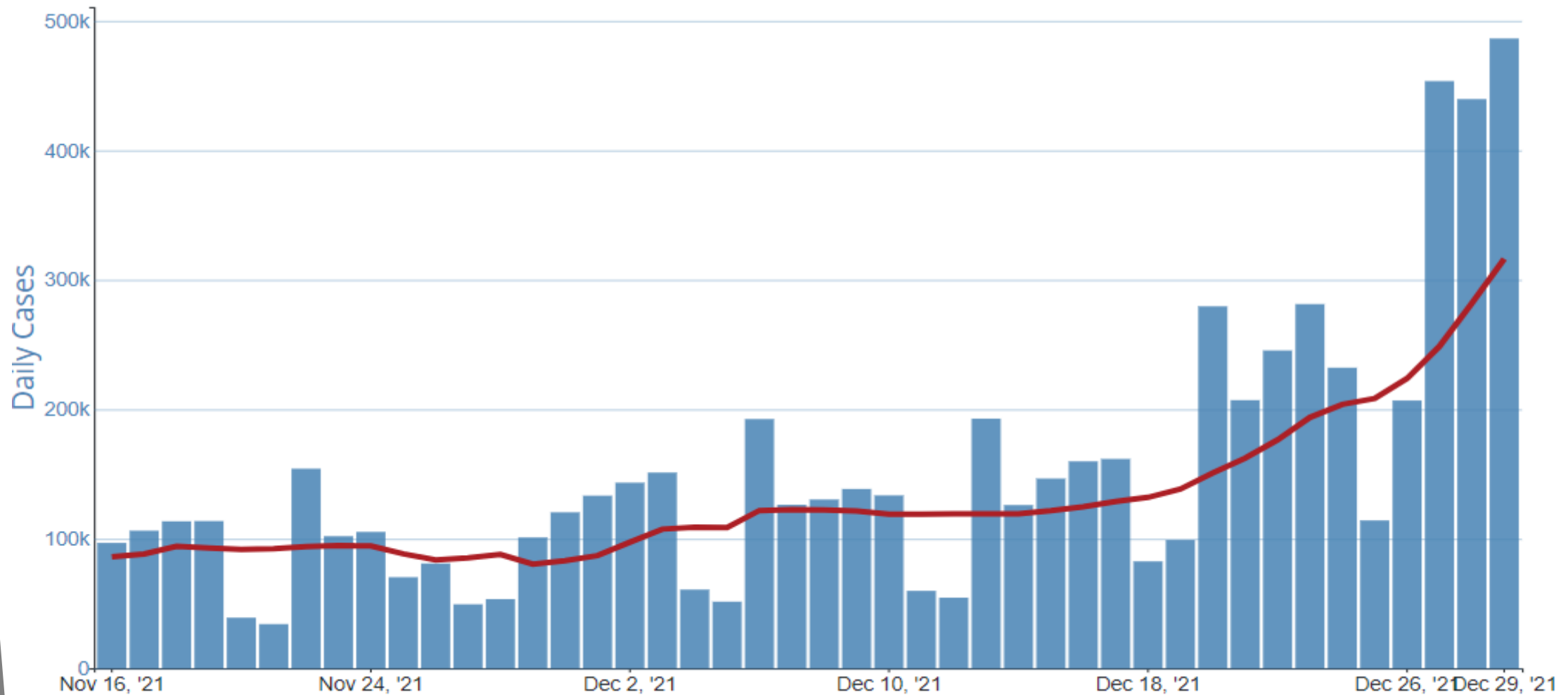


The red line on the graph is the 7 day average.

Information for the slide from covid.CDC.gov

Daily Trends of new cases of COVID-19 in USA

(shown on shorter timeline) Reported to CDC

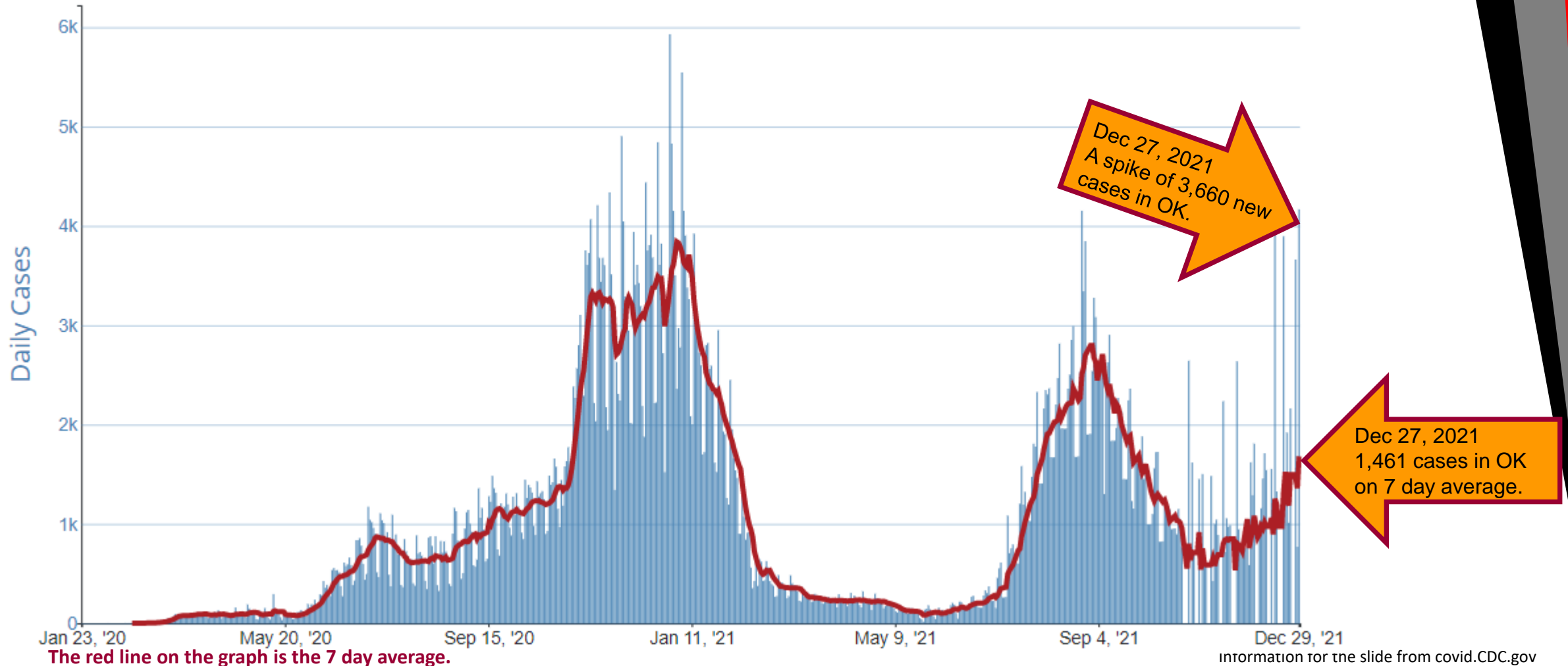


The red line on the graph is the 7 day average.

Information for the slide from [covid.CDC.gov](https://covid.cdc.gov)

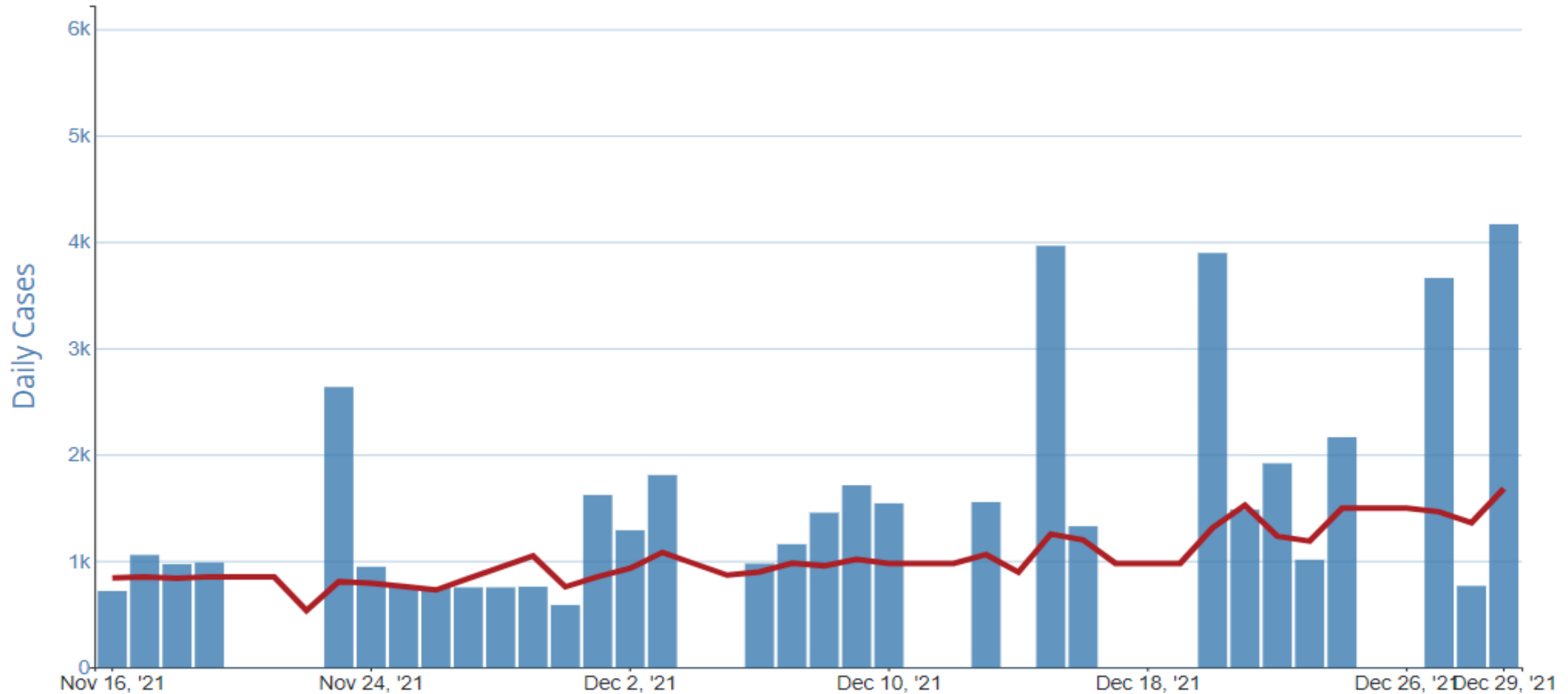
Daily Trends of new cases of COVID-19 in Oklahoma

Reported to CDC



Daily Trends of new cases of COVID-19 in Oklahoma

(shown on shorter timeline) Reported to CDC

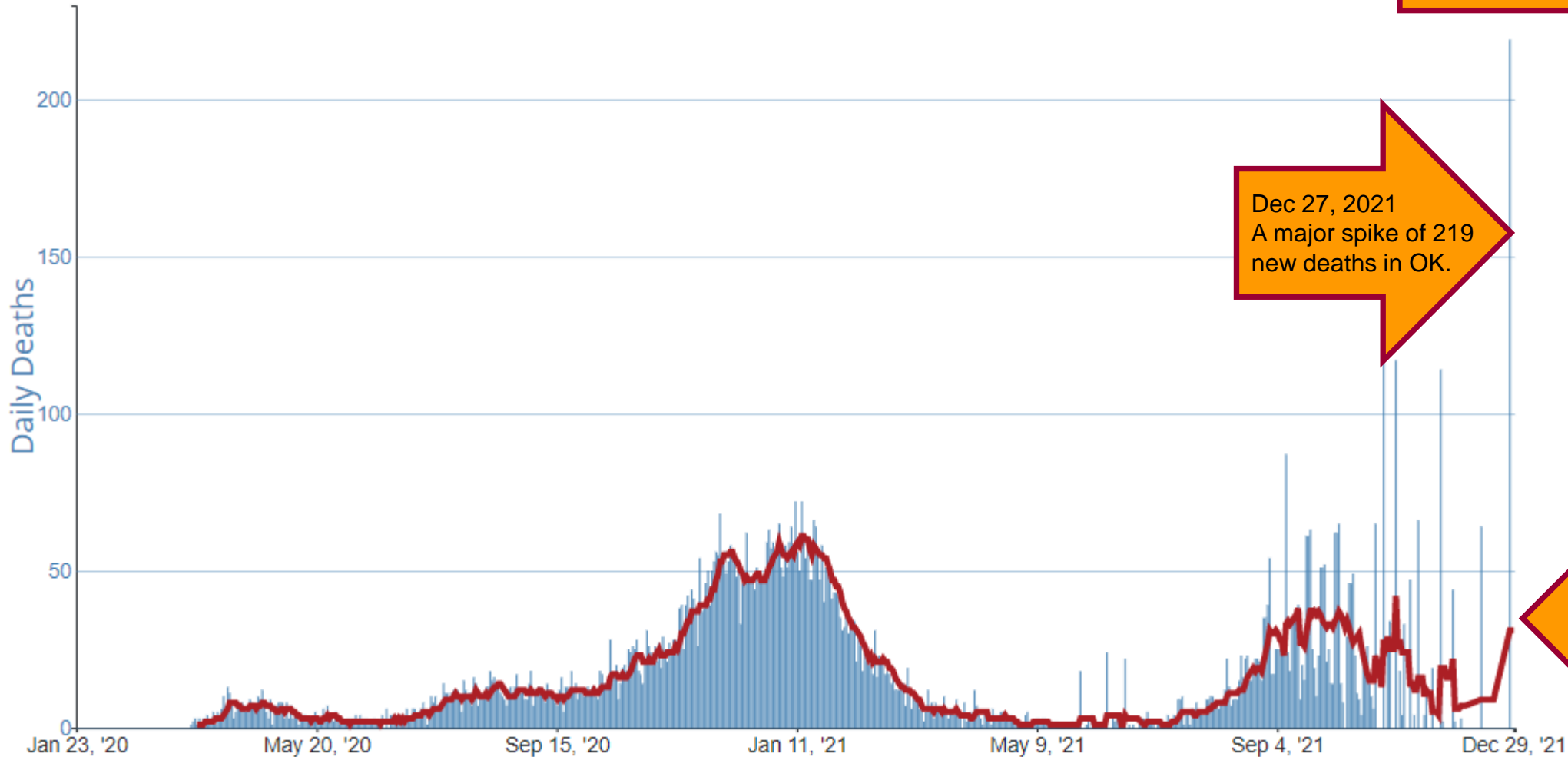


The red line on the graph is the 7 day average.

Information for the slide from [covid.CDC.gov](https://covid.cdc.gov)

Daily Trends of new deaths of COVID-19 in Oklahoma

Reported to CDC



Dec 15, 2021 There were 0 deaths in OK, 9 on 7 day average.

Dec 27, 2021
A major spike of 219 new deaths in OK.

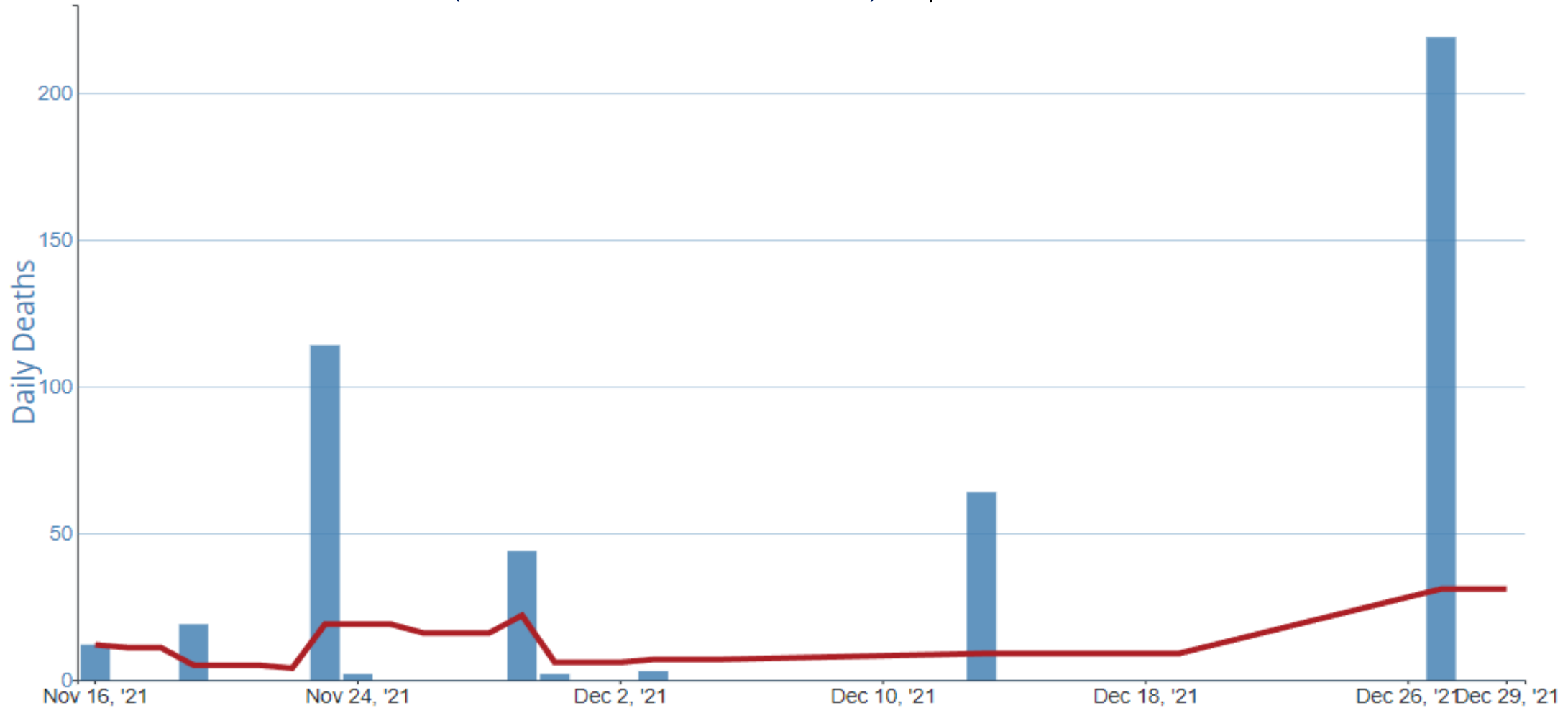
Dec 27, 2021
31 deaths in OK on 7 day average.

The red line on the graph is the 7 day average.

Information for the slide from covid.CDC.gov

Daily Trends of new deaths of COVID-19 in Oklahoma

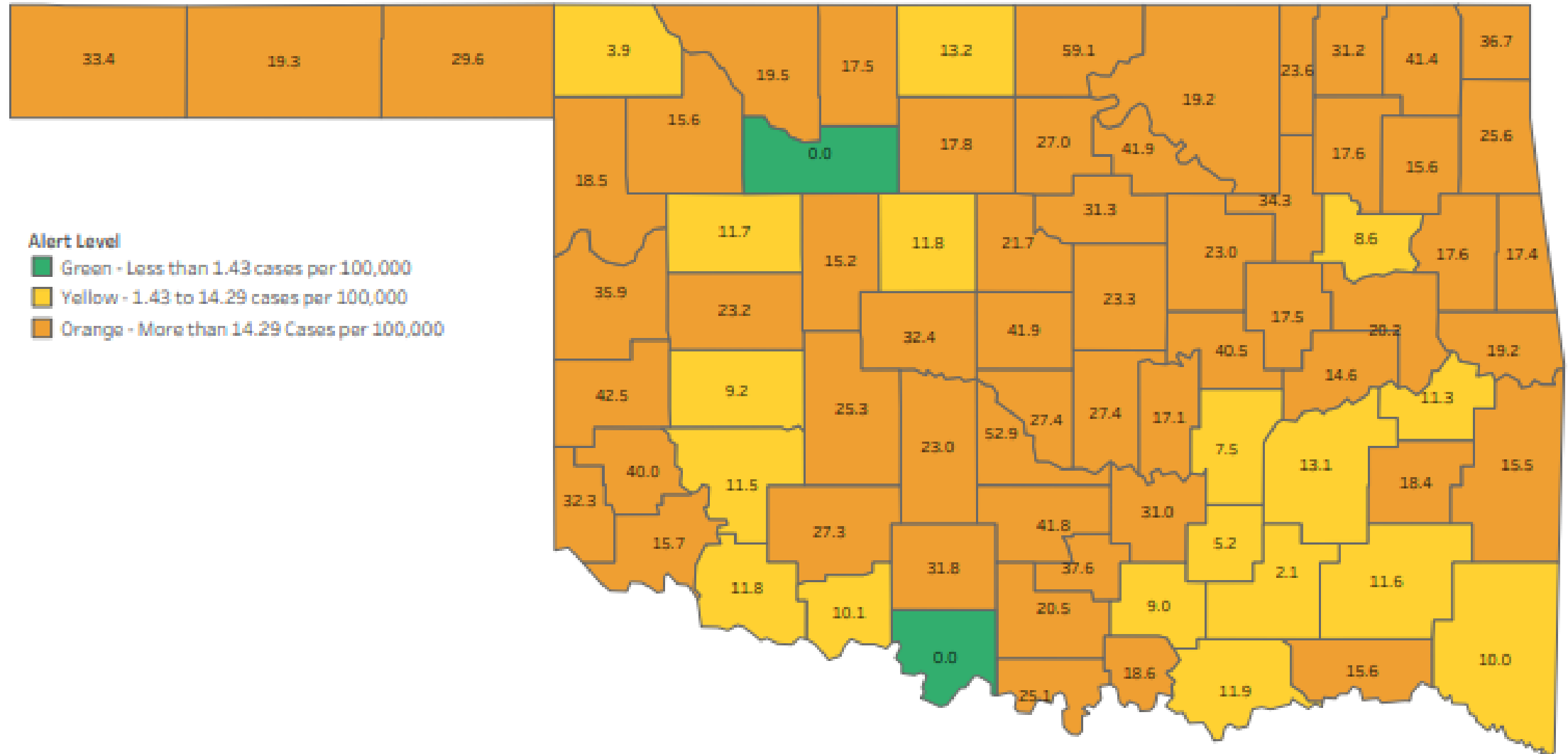
(shown on shorter timeline) Reported to CDC



The red line on the graph is the 7 day average.

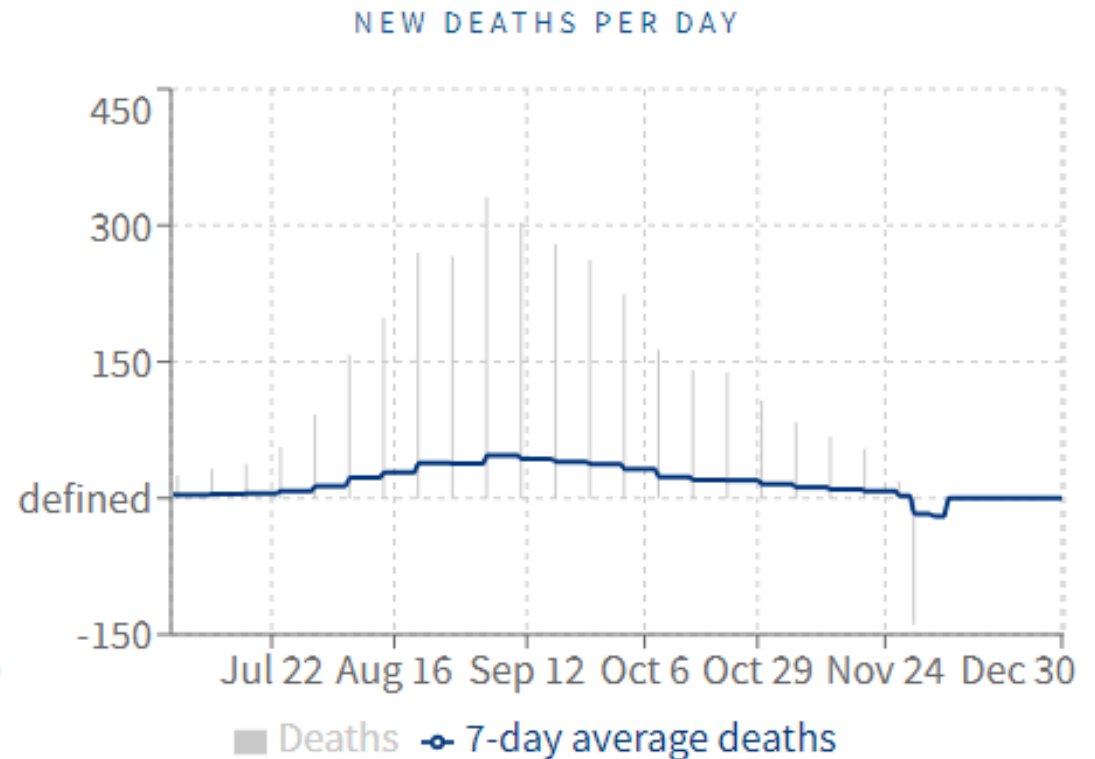
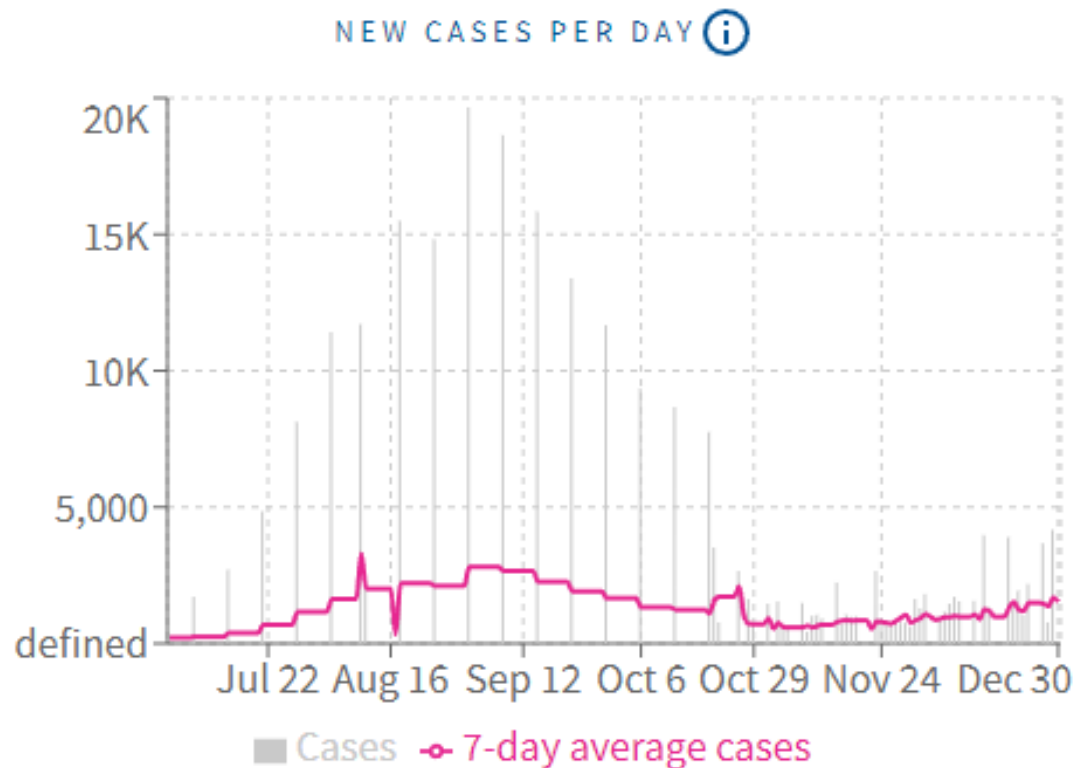
Information for the slide from covid.CDC.gov

Oklahoma alert level by county

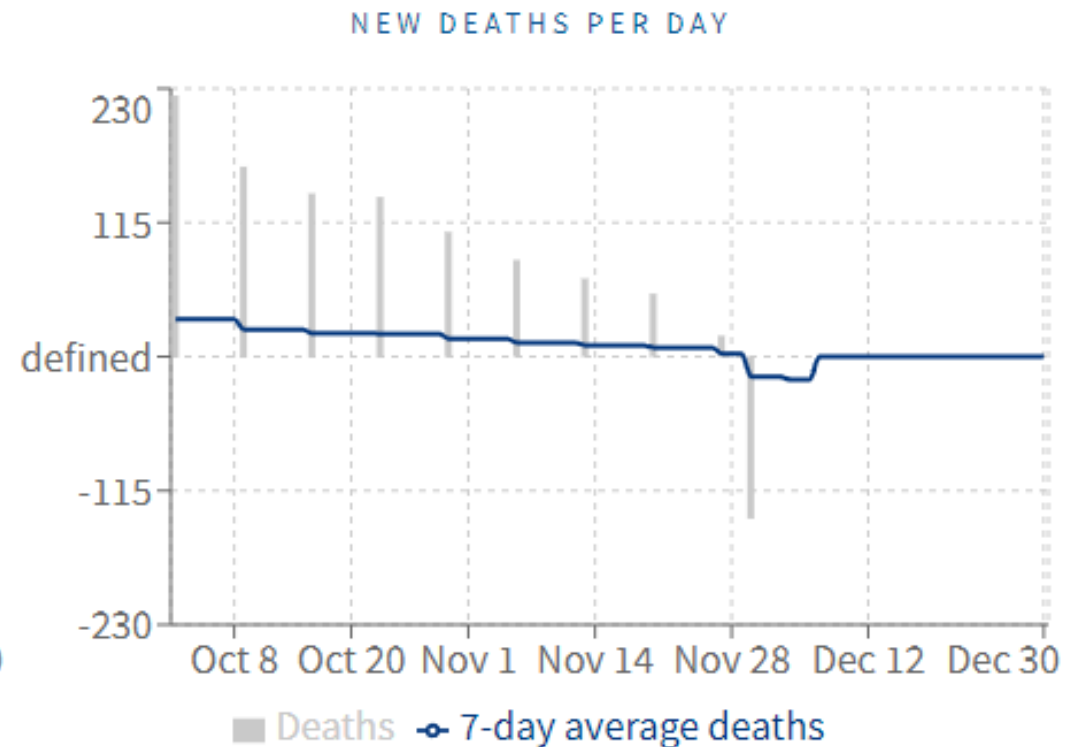
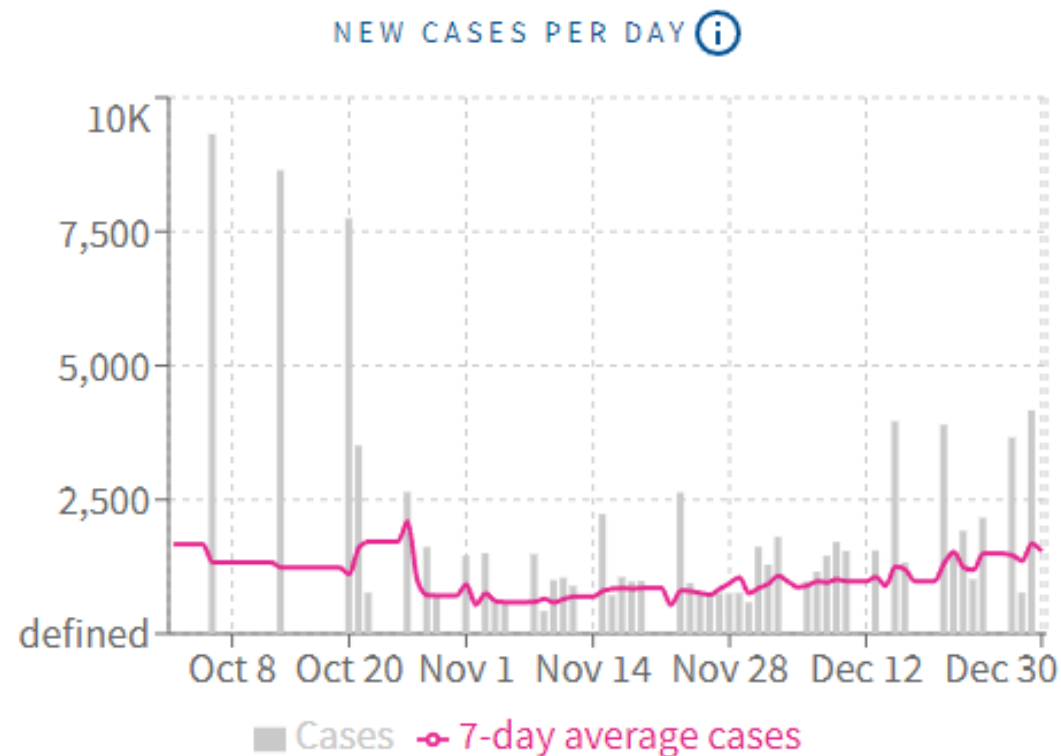


Regional Information

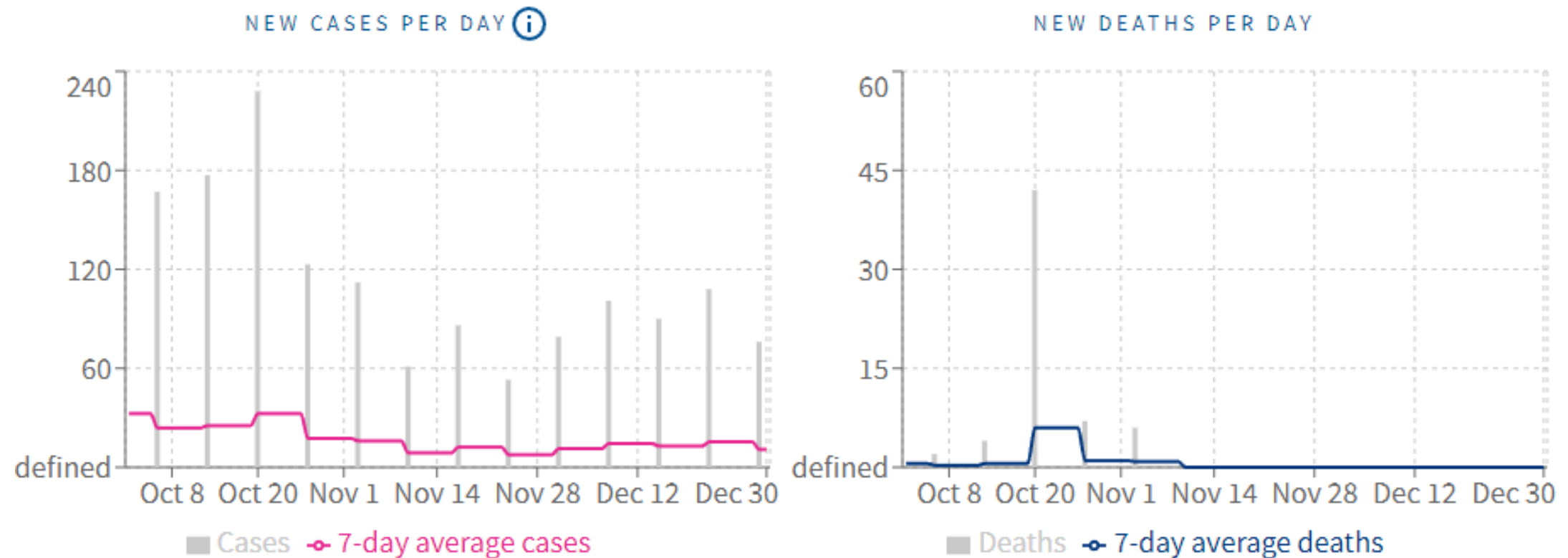
State of Oklahoma - New cases and deaths in the last six months



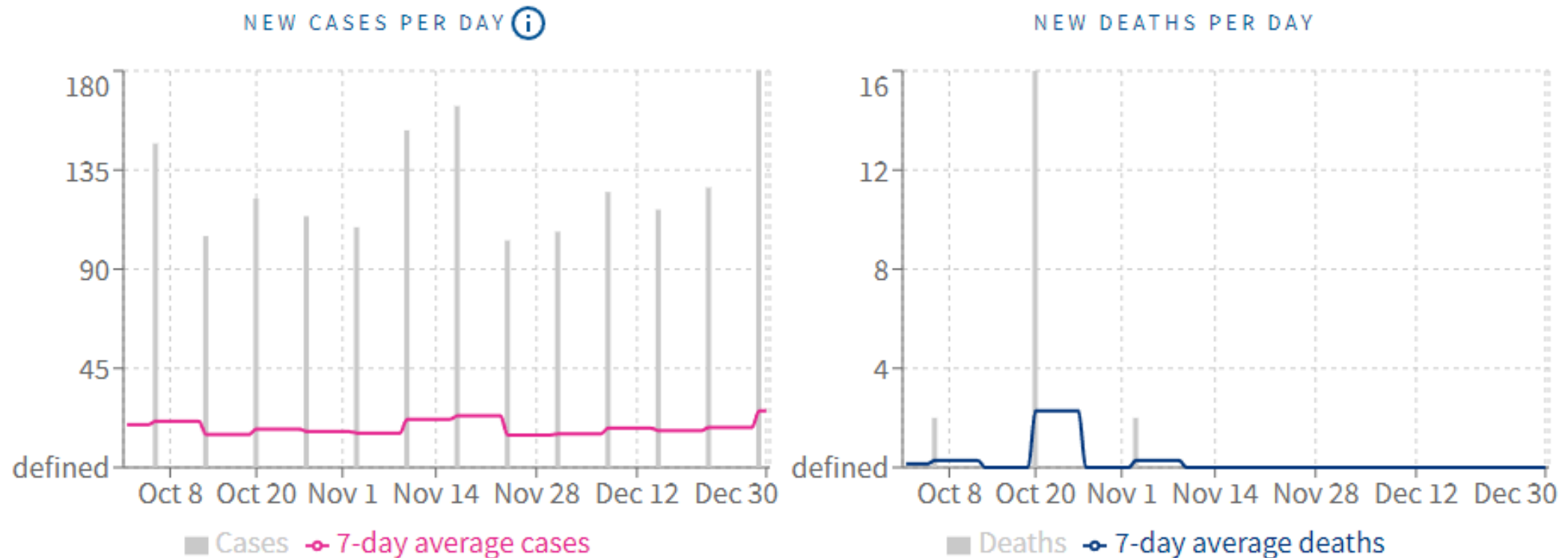
State of Oklahoma - New cases and deaths in the last three months



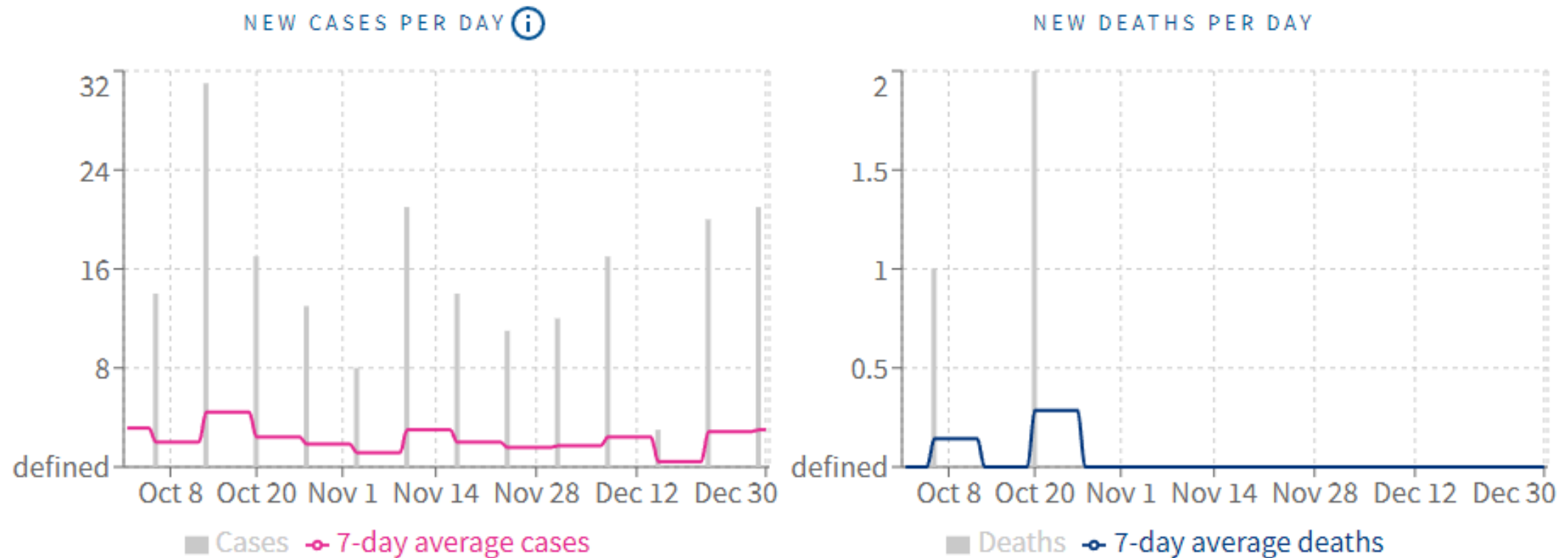
New cases and deaths from COVID-19 in Garfield County for the last three months



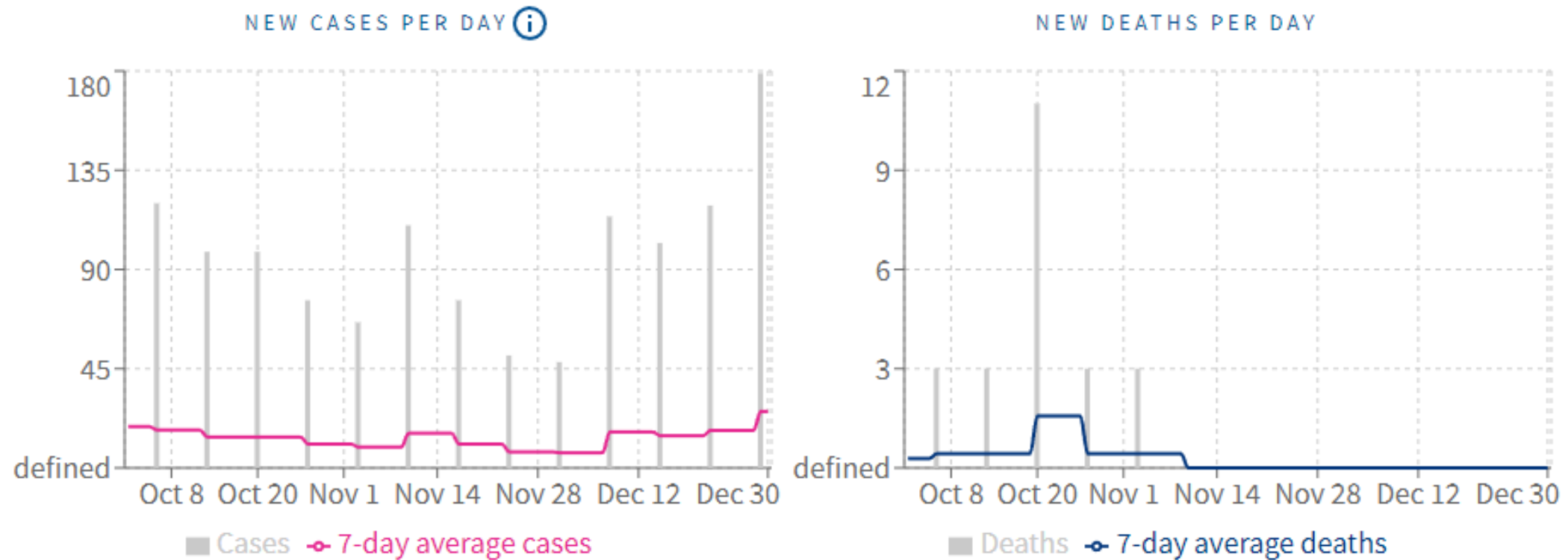
New cases and deaths from COVID-19 in Kay County for the last three months



New cases and deaths from COVID-19 in Noble County for the last three months



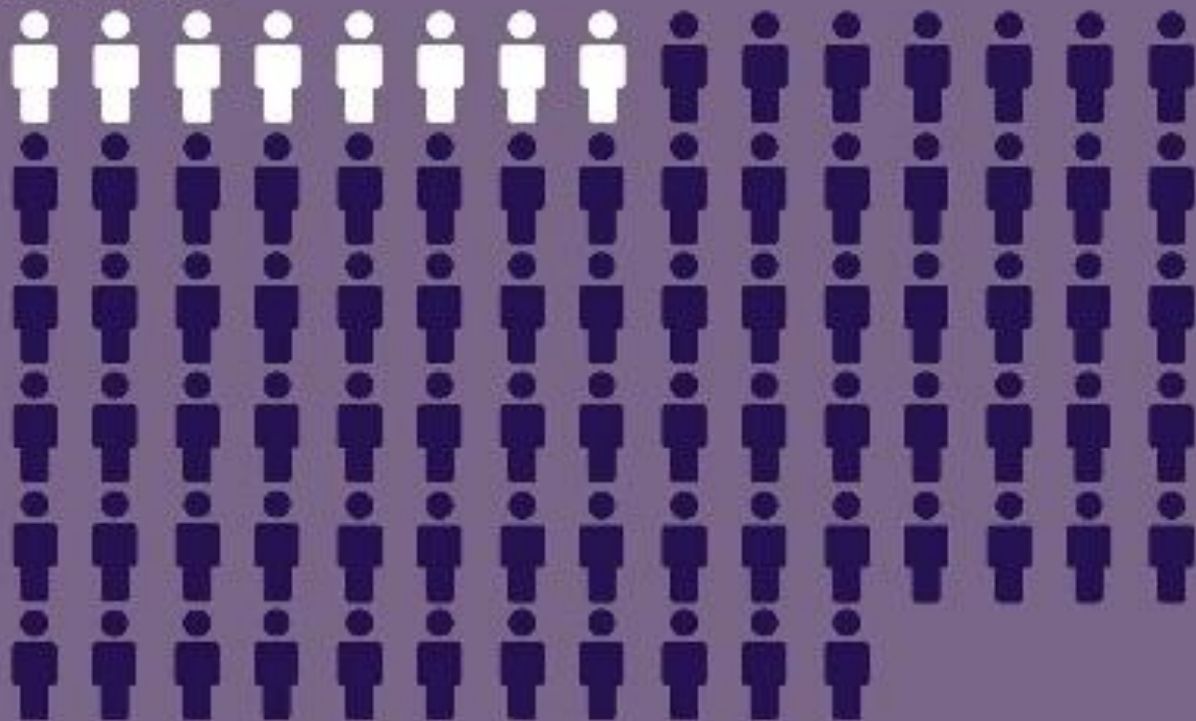
New cases and deaths from COVID-19 in Payne County for the last three months



ICU BEDS



NON-ICU BEDS



COVID
PATIENT



NON-COVID
PATIENT



OPEN
BED

ICU BEDS
AVAILABLE



NON-ICU BEDS
AVAILABLE



93% OF COVID PATIENTS
ARE NOT FULLY VACCINATED*

*per CDC guidelines

ER HOLDS



ICU



NON-ICU

Hospitalizations - Integris Health in Oklahoma

COVID-19 Numbers - 1/3/2022

Total COVID-19 Patients: 150

Unvaccinated: 83%

Vaccinated: 17%

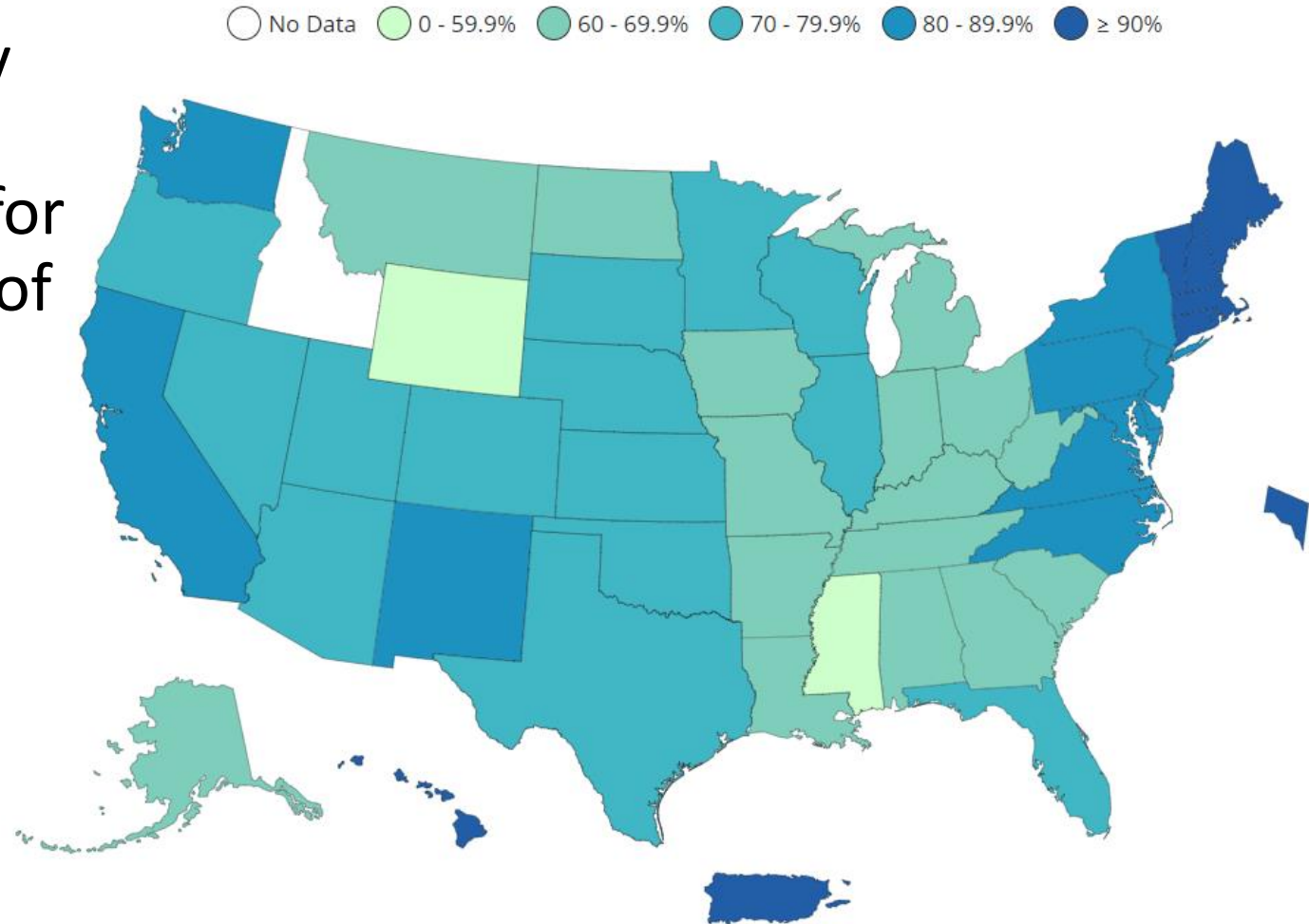


● Unvaccinated ● Vaccinated

Updated Vaccination Information

Percent of people receiving a minimum of one dose of the vaccine

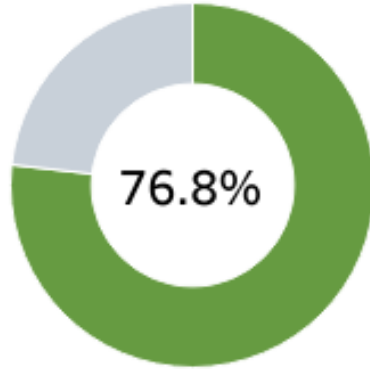
Reported to the CDC by
State/Territory and for
Select Federal Entities for
the Population 5 Years of
Age and Older



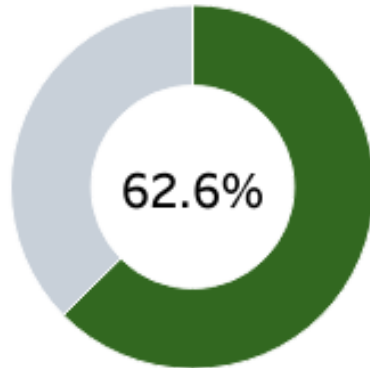
Goal: Vaccinate 70% of Oklahoma's eligible population.

Immunization Updated As Of: 12/28/2021

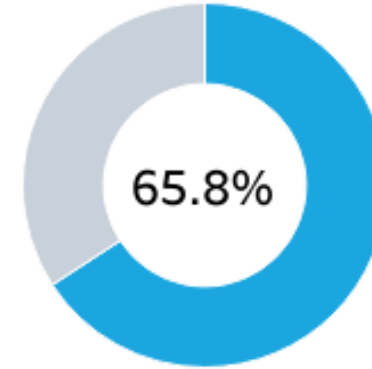
Population (12+ yrs)
2,554,880 At Least 1 Dose



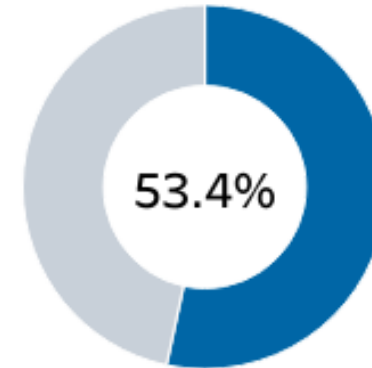
Population (12+ yrs)
2,082,729 Fully Vaccinated



Total Population
2,602,348 At Least 1 Dose



Total Population
2,111,056 Fully Vaccinated



Risk of testing positive or dying from COVID-19 by vaccination status

(From research provided from October, 2021)

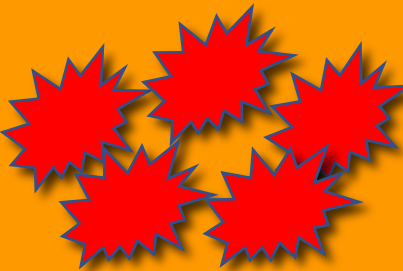
- Vaccinated persons

**Risk of Testing Positive
for COVID 19**



- Unvaccinated persons

**5 times
higher**

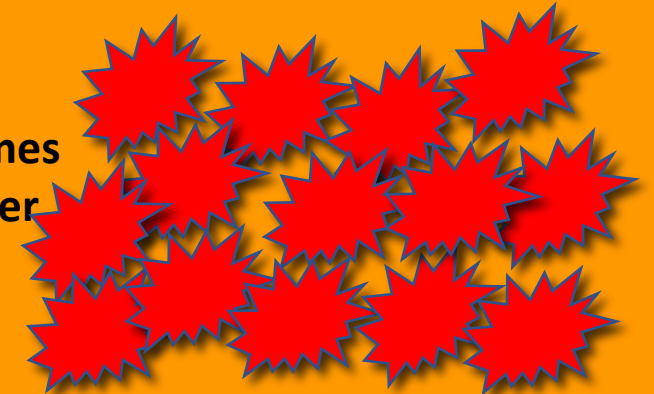


Compared to fully vaccinated persons

**Risk of Dying
from COVID 19**



**14 times
higher**

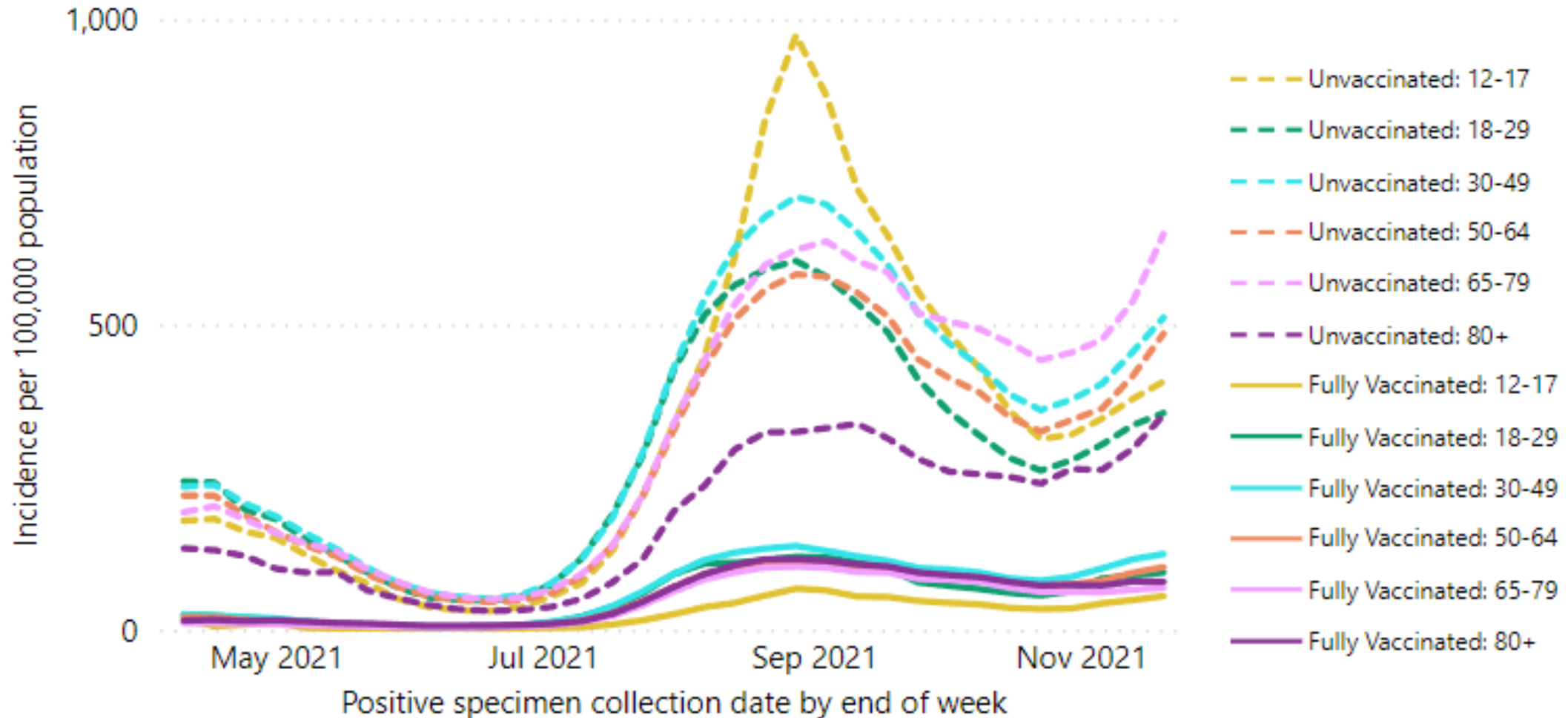


Compared to fully vaccinated persons

Note: Stillwater Medical Center reported 93% of COVID-19 patients were not fully vaccinated

Rates of COVID-19 by vaccination status & age

April 04 - November 20, 2021 (27 U.S. jurisdictions)



Definition of vaccination at NOC

- **Fully Vaccinated:** Vaccinated with the initial series of vaccinations and have received the booster
- **Not Fully Vaccinated:** Not vaccinated OR six months from initial series of Pfizer/Moderna (or two months from J&J) AND no booster

Stay the Course!

Stay Vigilant!

Sources for additional information

- Oklahoma State Department of Health - <https://oklahoma.gov/covid19>
- Centers for Disease Control and Prevention (CDC) - <https://www.cdc.gov/coronavirus/2019-ncov/index.html>
- CDC Update on December 27, 2021 - <https://www.cdc.gov/media/releases/2021/s1227-isolation-quarantine-guidance.html>
- Institute for Health Metrics and Evaluation - https://www.healthdata.org/sites/default/files/covid_briefs/570_briefing_Washington.pdf