

# Central Iowa COVID19 Update

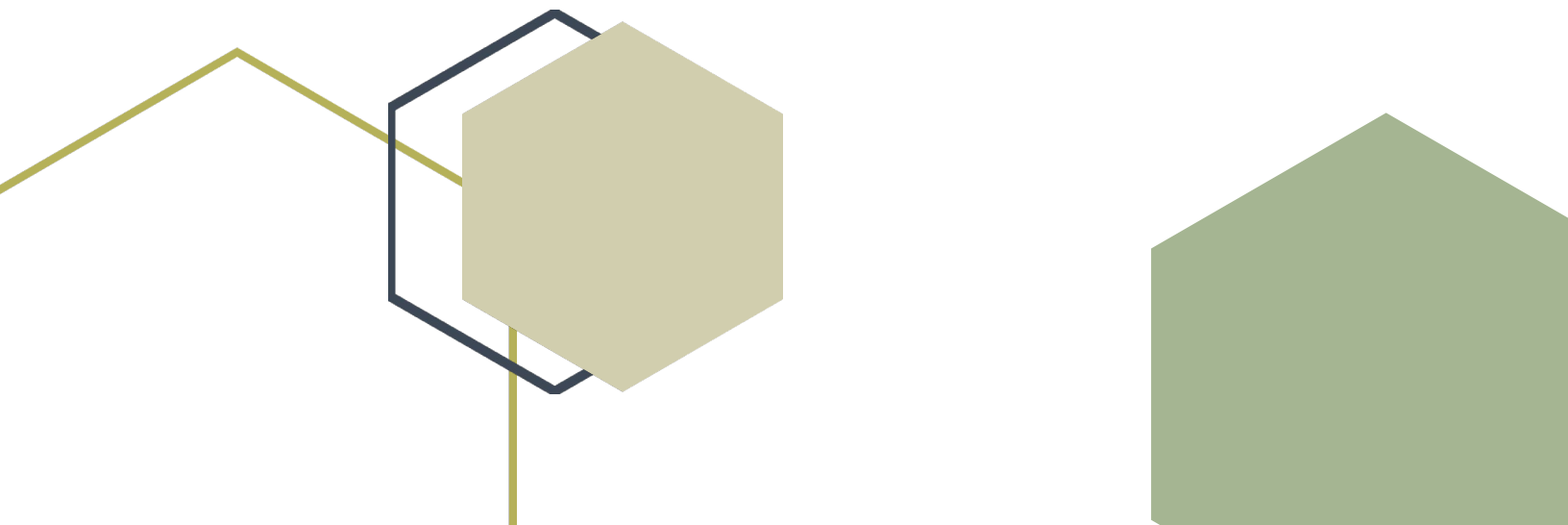
---

Wednesday, June 15, 2022



Statistical Consulting

Dr. Meg Schaeffer





## Quick Stats

	Polk County	Next Highest Target**	Iowa
<b>Community Metrics</b>			
Percent of population with at least 1 dose*	74.7%		68.3%
Percent of population with fully vaccinated*	68.1%	85%	62.3%
Average daily cases the last 7d	150		758
CDC County Level**	Low	Med	NA
Total cases per 100,000 the last 7d**	182	>200	151
<b>Healthcare Metrics</b>			
Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average)**	3.6%	10-14%	2.7%
New COVID-19 admissions per 100,000 population (7-day total)**	5.9	10-19.9	28.14
CDC Community Transmission Level (For Healthcare use)	High	High	High
<p><b>Notes:</b> Community Metrics are defined by CDC and should be used to determine the impact of COVID-19 on communities and take action. Healthcare metrics are also defined by CDC and are used to assist healthcare providers in making planning and mitigation decisions.                      *<a href="#">Vaccine Information</a>   <a href="#">Iowa COVID-19 Information</a>                      All data are sourced from <a href="#">Novel Coronavirus - COVID-19 Reporting (iowa.gov)</a> with previous days refreshed weekly. The population of Polk County used is 490,161. Population of Iowa used is 3.155 million. Averages and percent positivity are subject to change with retrospectively refreshed data.                      **<a href="#">CDC COVID Data Tracker</a></p>			

## Critical Points, Media, and Research

Polk County and Iowa case rates are slightly declining. Hospitalizations are holding steady at about 56 inpatients for COVID-related conditions per day.

An FDA advisory panel recommended Pfizer and Moderna vaccines for young children today. CDC's ACIP advisory board meets this Friday and Saturday and are likely to approve the decision to recommend vaccination.

### News & Research

- [Ventilation Improvement Strategies among K-12 Public Schools—The National School COVID-19 Prevention Study, United States, February 14–March 27, 2022](#)
- [COVID-19 Vaccination Coverage, by Race and Ethnicity — National Immunization Survey Adult COVID Module, United States, December 2020–November 2021](#)
- [COVID-19 Cases, Hospitalizations, and Deaths among American Indian or Alaska Native Persons — Alaska, 2020–2021](#)
- [Seizure- or Epilepsy-Related Emergency Department Visits Before and During the COVID-19 Pandemic — United States, 2019–2021](#)
- [F.D.A. Panel Recommends Agency Clear Pfizer and Moderna Vaccines for Young Children](#)
- [FDA meeting for <5 COVID vaccine: Q&A - by Katelyn Jetelina](#)



### Vaccine Progress – last updated 5/11

Polk Co Vaccination Rates CDC Covid Data Tracker Data (*)	At Least One Dose	Difference prev week	Fully Vaccinated	Difference prev week
<b>Total</b>	366,108	297	333,974	292
<b>% of Total Population</b>	75%	0.1%	68%	0.0%
<b>Population ≥ 5 Years of Age</b>	366,056	297	333,974	292
<b>% of Population ≥ 5 Years of Age</b>	80%	0.1%	73%	0.1%
<b>Population ≥ 12 Years of Age</b>	347,915	209	317,648	218
<b>% of Population ≥ 12 Years of Age</b>	85%	0.0%	78%	0.0%
<b>Population ≥ 18 Years of Age</b>	319,450	184	291,762	190
<b>% of Population ≥ 18 Years of Age</b>	87%	0.0%	79%	0.0%
<b>Population ≥ 65 Years of Age</b>	69,035	35	64,730	51
<b>% of Population ≥ 65 Years of Age</b>	95%	0.0%	95%	0.0%

(\*) CDC COVID Data Tracker Data: CDC data includes vaccine administration data from all sources, including IRIS\*, other state immunization registries, and federal entities (Bureau of Prisons, Veterans Health Administration, Department of Defense, and Federal Long-Term Care program). These doses may not have been reported to IRIS.

Link to Zip Code-Level Vaccination

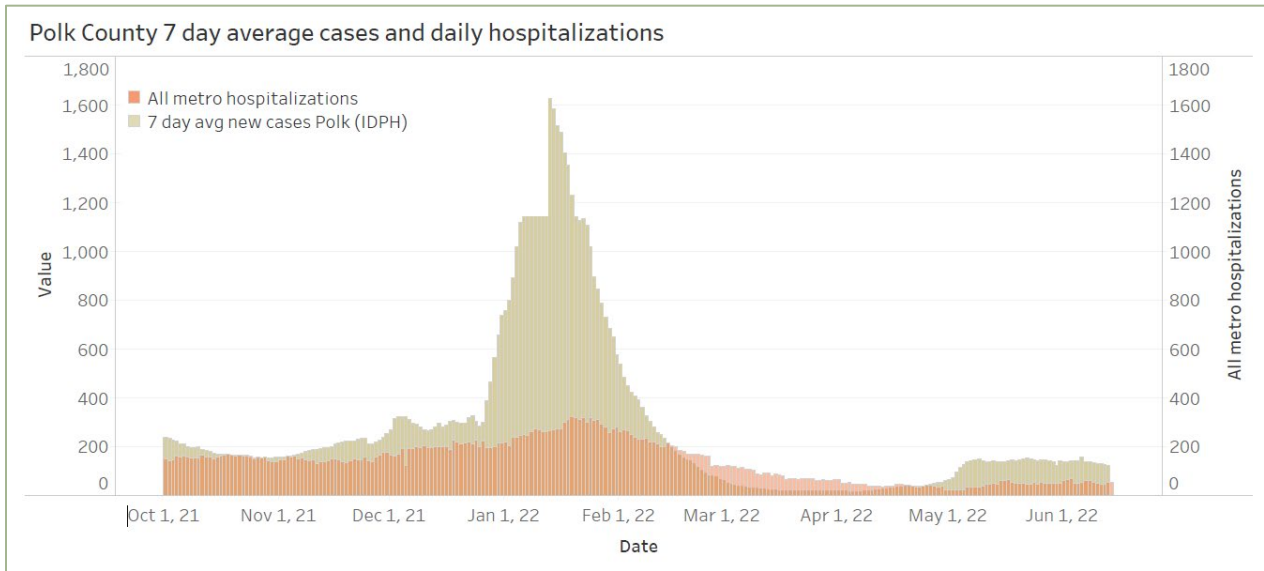
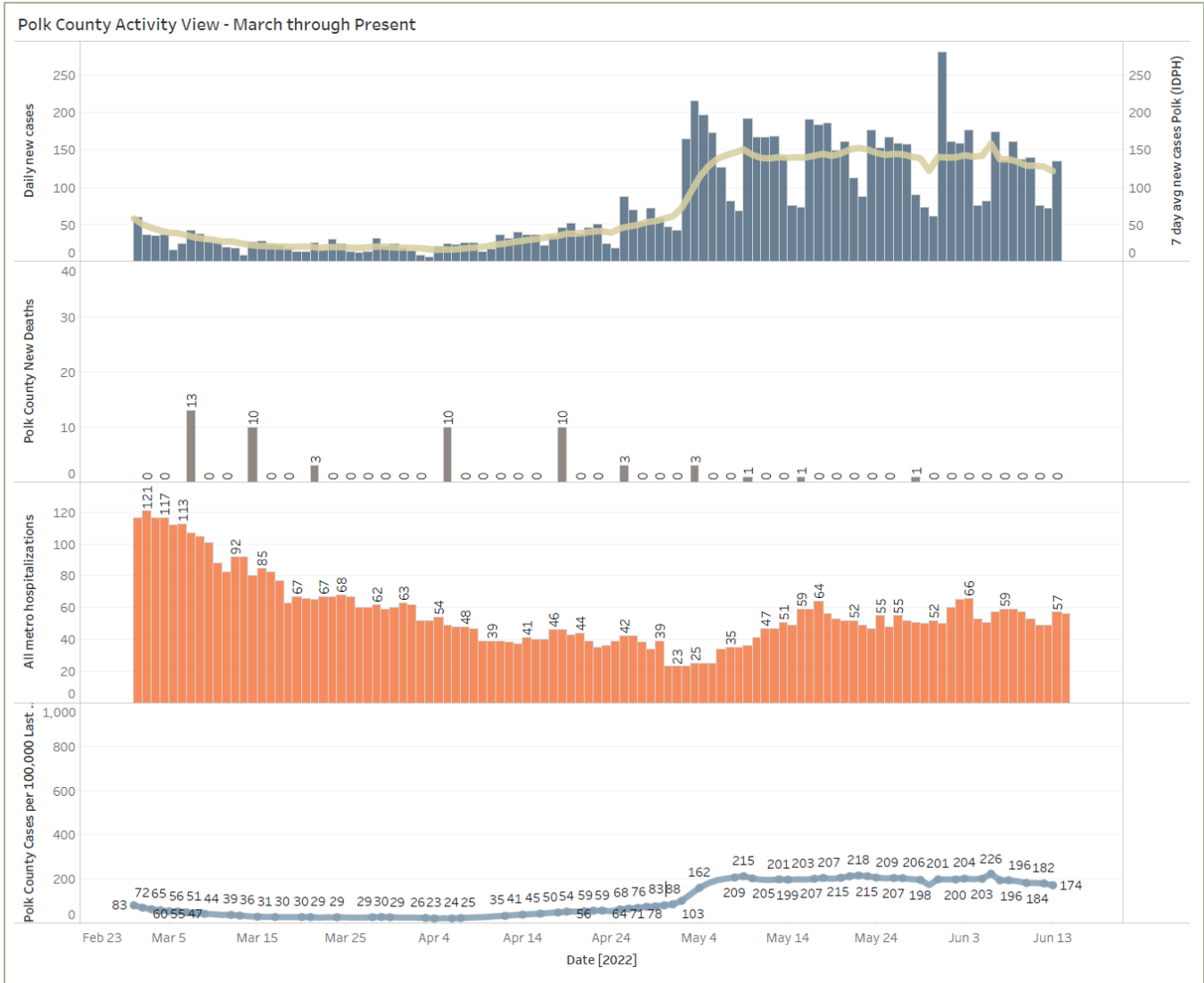
Rates - <https://arcg.is/1nTry4>

Polk Co People with a First Booster(**)	Data	Difference prev week
<b>Total</b>	180,731	718
% of Fully Vaccinated Population with a 1 <sup>st</sup> Booster Dose	54%	0.2%
Fully Vaccinated Population ≥ 12 Years of Age with a 1 <sup>st</sup> Booster Dose	180,041	499
% of Fully Vaccinated Population ≥ 12 Years of Age with a 1 <sup>st</sup> Booster Dose	57%	0.1%
Fully Vaccinated Population ≥ 18 Years of Age with a 1 <sup>st</sup> Booster Dose	172,674	382
% of Fully Vaccinated Population ≥ 18 Years of Age with a 1 <sup>st</sup> Booster Dose	59%	0.1%
Fully Vaccinated Population ≥ 65 Years of Age with a 1 <sup>st</sup> Booster Dose	52,796	96
% of Fully Vaccinated Population ≥ 65 Years of Age with a 1 <sup>st</sup> Booster Dose	82%	0.1%

(\*\*)The count of people who received a 1<sup>st</sup> booster dose includes anyone who is fully vaccinated and has received another dose of COVID-19 vaccine since August 13, 2021. This includes people who received 1<sup>st</sup> booster dose and people who received additional doses.

### School Data – School reporting is paused for summer break

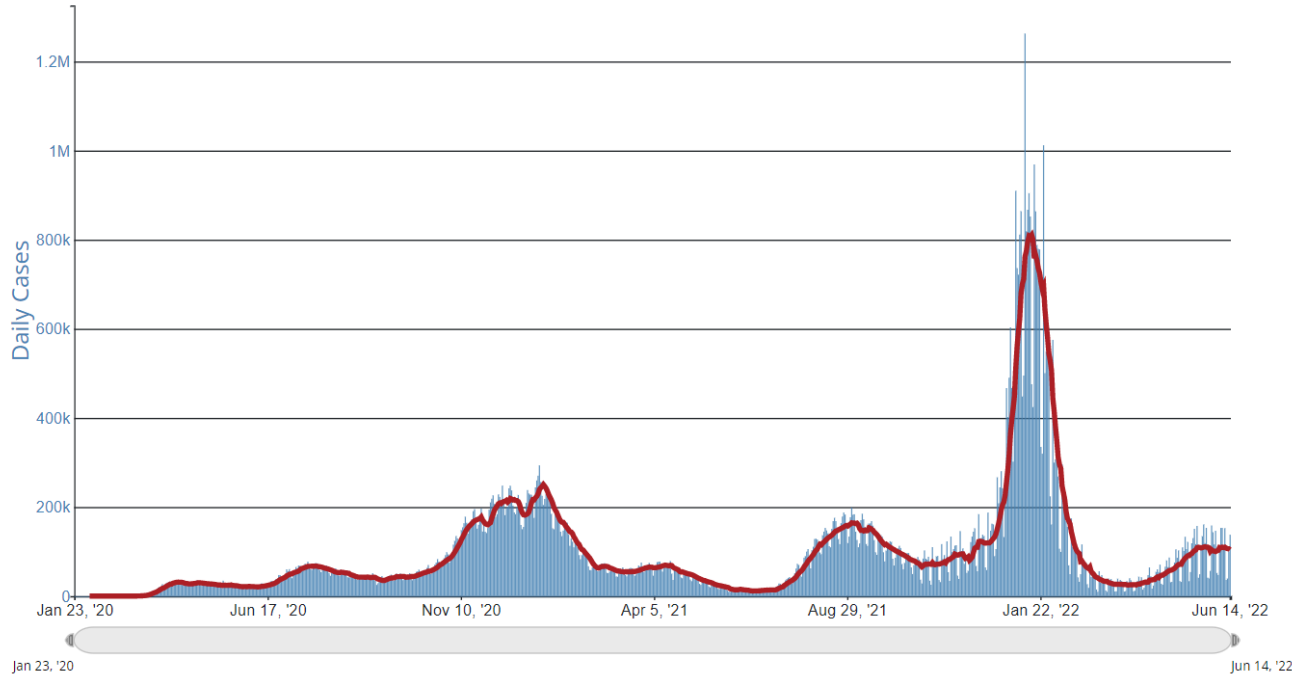
# Central Iowa COVID19 Update



# Central Iowa COVID19 Update



Daily Trends in Number of COVID-19 Cases in The United States Reported to CDC



	CASES DAILY AVG.	PER 100,000	14-DAY CHANGE	TEST POSITIVITY	HOSPITALIZED DAILY AVG.	PER 100,000	14-DAY CHANGE	DEATHS DAILY AVG.	PER 100,000	FULLY VACCINATED
United States	105,605	32	+7%	14%	29,728	9	+8%	322.1	0.10	67%
Puerto Rico ›	3,375	100	-22%	35%	414	12	+8%	5.9	0.17	79%
Hawaii ›	1,135	80	-10%	19%	224	16	+18%	1.1	0.08	79%
Wyoming ›	350	61	+301%	13%	24	4	+55%	0.6	0.10	51%
Alaska ›	410	56	+17%	14%	47	6	+13%	0	—	63%
Guam ›	93	55	+162%	—	—	—	—	0.6	0.34	83%
Colorado ›	3,048	53	+22%	12%	377	7	+56%	7.9	0.14	71%
Florida ›	10,318	48	+4%	19%	3,212	15	+28%	33.4	0.16	67%
New Mexico ›	925	44	+37%	12%	168	8	+17%	4.4	0.21	72%
California ›	17,305	44	+79%	76%	3,077	8	+22%	30.9	0.08	73%
Kentucky ›	1,897	42	+82%	12%	435	10	+31%	8.4	0.19	58%