

Central Iowa COVID19 Update

Wednesday, June 29, 2022



Statistical Consulting

Dr. Meg Schaeffer





Quick Stats

	Polk County	Next Highest Target**	Iowa
Community Metrics			
Percent of population with at least 1 dose*	74.7%		68.3%
Percent of population with fully vaccinated*	68.2%	85%	62.4%
Average daily cases the last 7d	131		693
CDC County Level**	Low	Med	NA
Total cases per 100,000 the last 7d**	172	>200	152
Healthcare Metrics			
Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average)**	3.6%	10-14%	2.6%
New COVID-19 admissions per 100,000 population (7-day total)**	5.1	10-19.9	8.1
CDC Community Transmission Level (For Healthcare use)	High	High	High
<p>Notes: Community Metrics are <u>defined by CDC</u> and should be used to determine the impact of COVID-19 on communities and take action. Healthcare metrics are also <u>defined by CDC</u> and are used to assist healthcare providers in making planning and mitigation decisions.</p> <p>*Vaccine Information Iowa COVID-19 Information</p> <p>All data are sourced from Novel Coronavirus - COVID-19 Reporting (iowa.gov) 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.</p> <p>**CDC COVID Data Tracker</p>			

Critical Points, Media, and Research

State and Polk County case counts remain at a level similar to the previous several weeks. Models continue to show a very slight decrease.

News & Research

- [Sesame Street: Elmo Gets the COVID-19 Vaccine | PSA - YouTube](#)
- [Clarity for fall: We're getting an Omicron booster](#)
- [The Vaccine-Hesitant Moment](#)
- [BNT162b2 Vaccine Effectiveness against Omicron in Children 5 to 11 Years of Age](#)
- [Duration of Shedding of Culturable Virus in SARS-CoV-2 Omicron \(BA.1\) Infection](#)
- [BA.4/5 is sweeping the globe](#)
- [F.D.A. Advisers Recommend Updated Boosters Targeting Forms of Omicron](#)



Vaccine Progress

Polk Co Vaccination Rates CDC Covid Data Tracker Data (*)	At Least One Dose	Difference prev week	Fully Vaccinated	Difference prev week
Total	366,367	183	334,230	183
% of Total Population	75%	0.0%	68%	0.0%
Population ≥ 5 Years of Age	366,315	183	334,230	183
% of Population ≥ 5 Years of Age	80%	0.1%	73%	0.0%
Population ≥ 12 Years of Age	348,089	120	317,843	136
% of Population ≥ 12 Years of Age	85%	0.1%	78%	0.1%
Population ≥ 18 Years of Age	319,600	102	291,931	115
% of Population ≥ 18 Years of Age	87%	0.1%	79%	0.1%
Population ≥ 65 Years of Age	69,065	17	64,775	30
% of Population ≥ 65 Years of Age	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.

Polk Co People with a First Booster(**)	Data	Difference prev week
Total	181,529	544
% of Fully Vaccinated Population with a 1 st Booster Dose	54%	0.1%
Fully Vaccinated Population ≥ 12 Years of Age with a 1 st Booster Dose	180,626	394
% of Fully Vaccinated Population ≥ 12 Years of Age with a 1 st Booster Dose	57%	0.1%
Fully Vaccinated Population ≥ 18 Years of Age with a 1 st Booster Dose	173,128	297
% of Fully Vaccinated Population ≥ 18 Years of Age with a 1 st Booster Dose	59%	0.1%
Fully Vaccinated Population ≥ 65 Years of Age with a 1 st Booster Dose	52,897	55
% of Fully Vaccinated Population ≥ 65 Years of Age with a 1 st Booster Dose	82%	0.1%

(**)The count of people who received a 1st 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 1st booster dose and people who received additional doses.

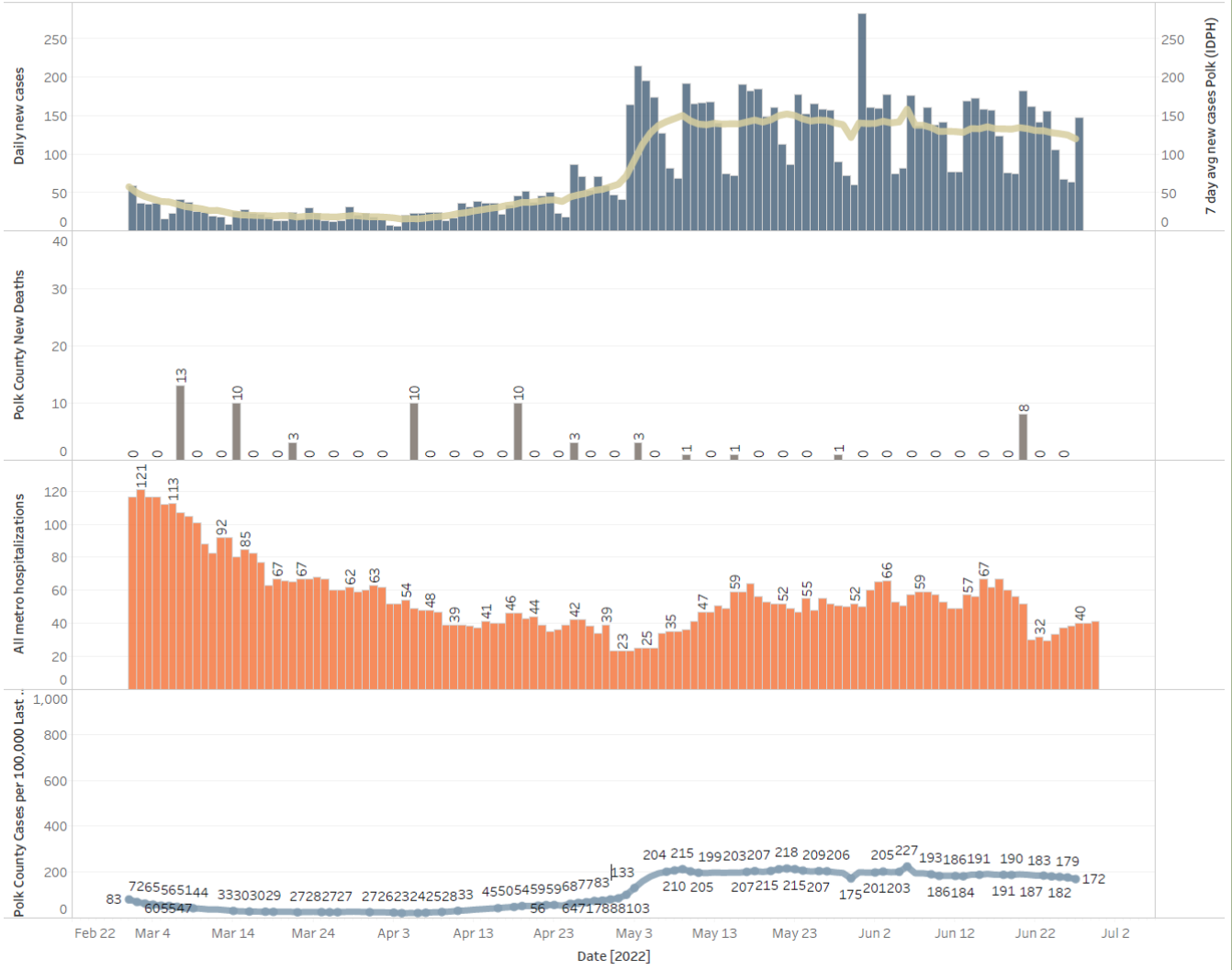
Link to Zip Code-Level Vaccination Rates - <https://arcg.is/1nTry4>

School Data – School reporting is paused for summer break

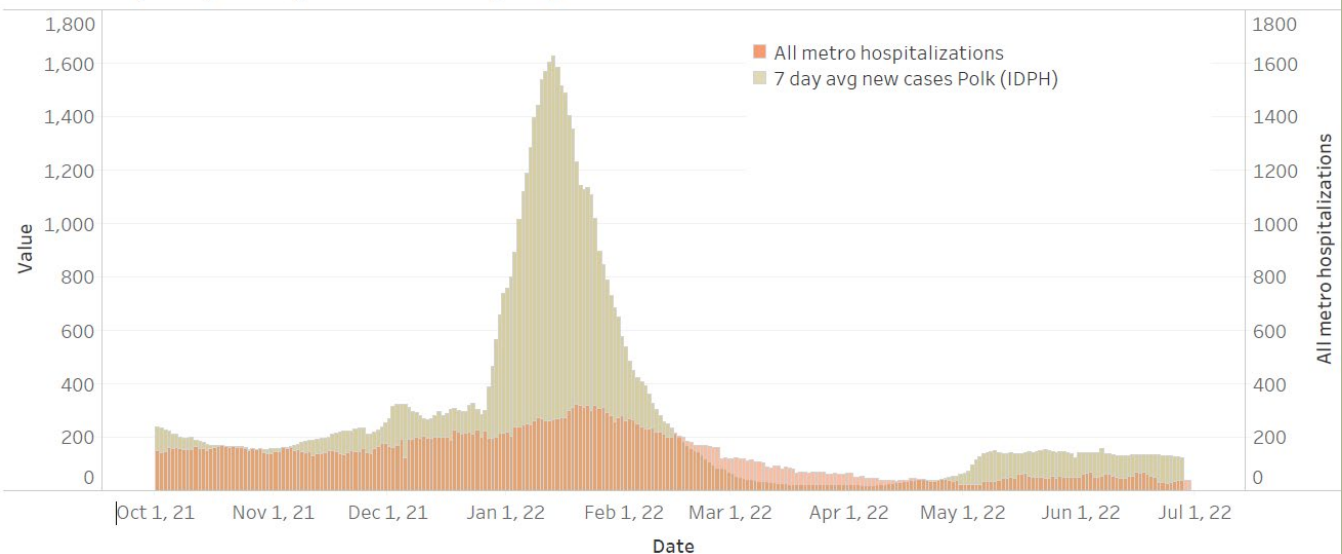
Central Iowa COVID19 Update



Polk County Activity View - March through Present



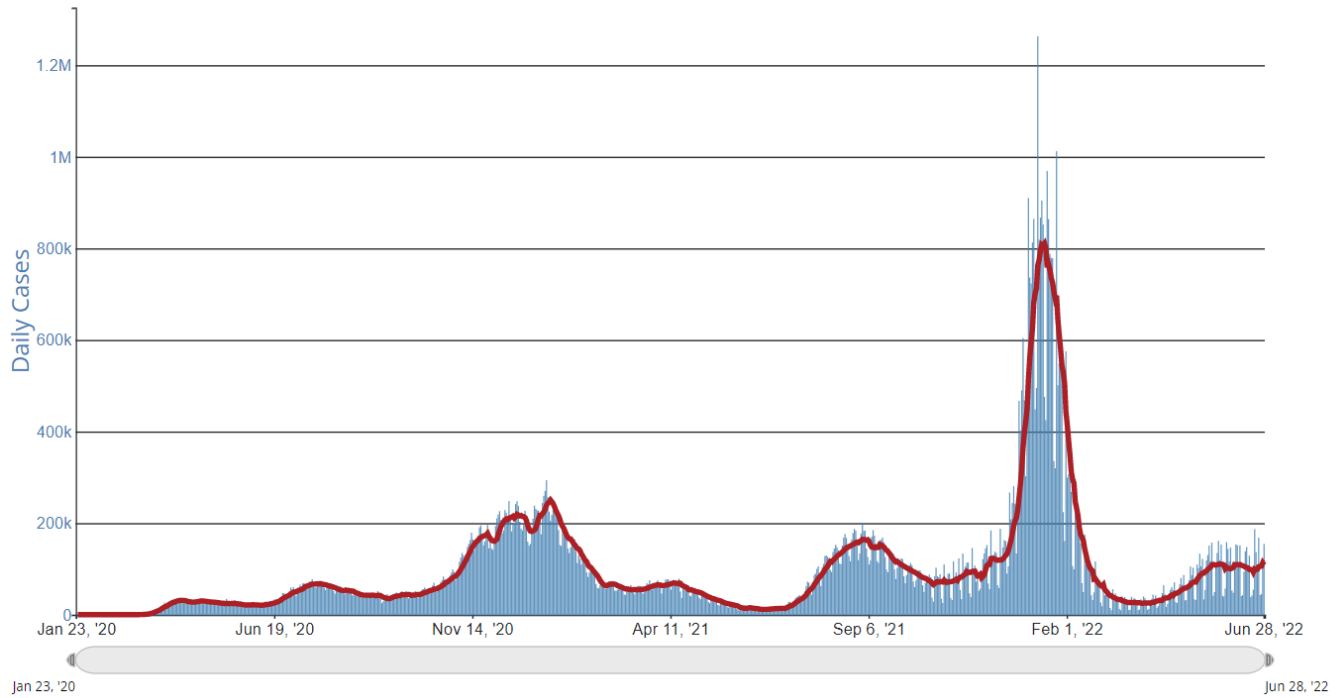
Polk County 7 day average cases and daily hospitalizations



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	112,464	34	+7%	15%	32,195	10	+7%	387.5	0.12	67%
Puerto Rico ›	3,412	101	-2%	30%	391	12	-4%	8.1	0.24	79%
American Samoa	41	82	+2,943%	—	2	3	-12%	0	—	85%
Alaska ›	527	72	+51%	24%	75	10	+38%	0	—	63%
Guam ›	109	64	+18%	—	—	—	—	0.3	0.17	84%
Hawaii ›	748	53	-26%	19%	221	16	-3%	2.1	0.15	79%
Northern Mariana Islands ›	27	50	+175%	—	—	—	—	0.1	0.23	81%
Colorado ›	2,890	50	-2%	12%	364	6	-2%	8.9	0.15	71%
Florida ›	10,627	49	+1%	22%	3,692	17	+12%	57.3	0.27	68%
New Mexico ›	1,028	49	+11%	17%	237	11	+36%	5.3	0.25	72%
California ›	19,035	48	+10%	11%	3,600	9	+16%	32.9	0.08	73%