

Central Iowa COVID19 Update

Wednesday, June 8, 2022



Statistical Consulting

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Quick Stats

	Polk County	Next Highest Target**	Iowa
Community Metrics			
Percent of population with at least 1 dose*	74.6%		68.2%
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**	214	>200	168
Healthcare Metrics			
Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average)**	2.2%	10-14%	2.4%
New COVID-19 admissions per 100,000 population (7-day total)**	5.1	10-19.9	6.8
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

Polk County and Iowa cases appear steady though may be influenced by a post Memorial Day increase. Hospitalizations are also up slightly. U.S. case rates are also reflecting a similar trend of a post Memorial Day increase.

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 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](#)
- [Post-COVID Conditions Among Adult COVID-19 Survivors Aged 18–64 and ≥65 Years — United States, March 2020–November 2021](#)
- [Reducing SARS-CoV-2 in Shared Indoor Air | Infectious Diseases | JAMA](#)
- [Covid at Home: Why Only Some People Test Positive](#)
- [Moderna says updated Covid-19 vaccine booster shows stronger antibody response against Omicron](#)



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
Total	365,811	319	333,682	321
% of Total Population	75%	0.0%	68%	0.1%
Population ≥ 5 Years of Age	365,759	318	333,682	321
% of Population ≥ 5 Years of Age	80%	0.0%	73%	0.1%
Population ≥ 12 Years of Age	347,706	235	317,430	248
% of Population ≥ 12 Years of Age	85%	0.1%	78%	0.1%
Population ≥ 18 Years of Age	319,266	199	291,572	208
% of Population ≥ 18 Years of Age	87%	0.1%	79%	0.1%
Population ≥ 65 Years of Age	69,000	40	64,679	78
% 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.

Link to Zip Code-Level Vaccination

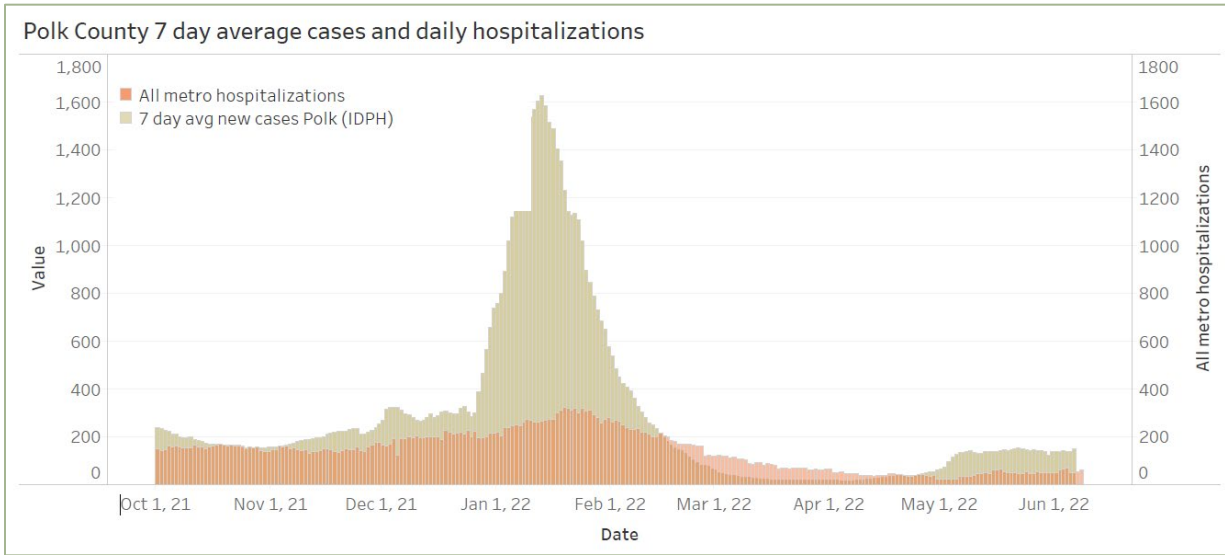
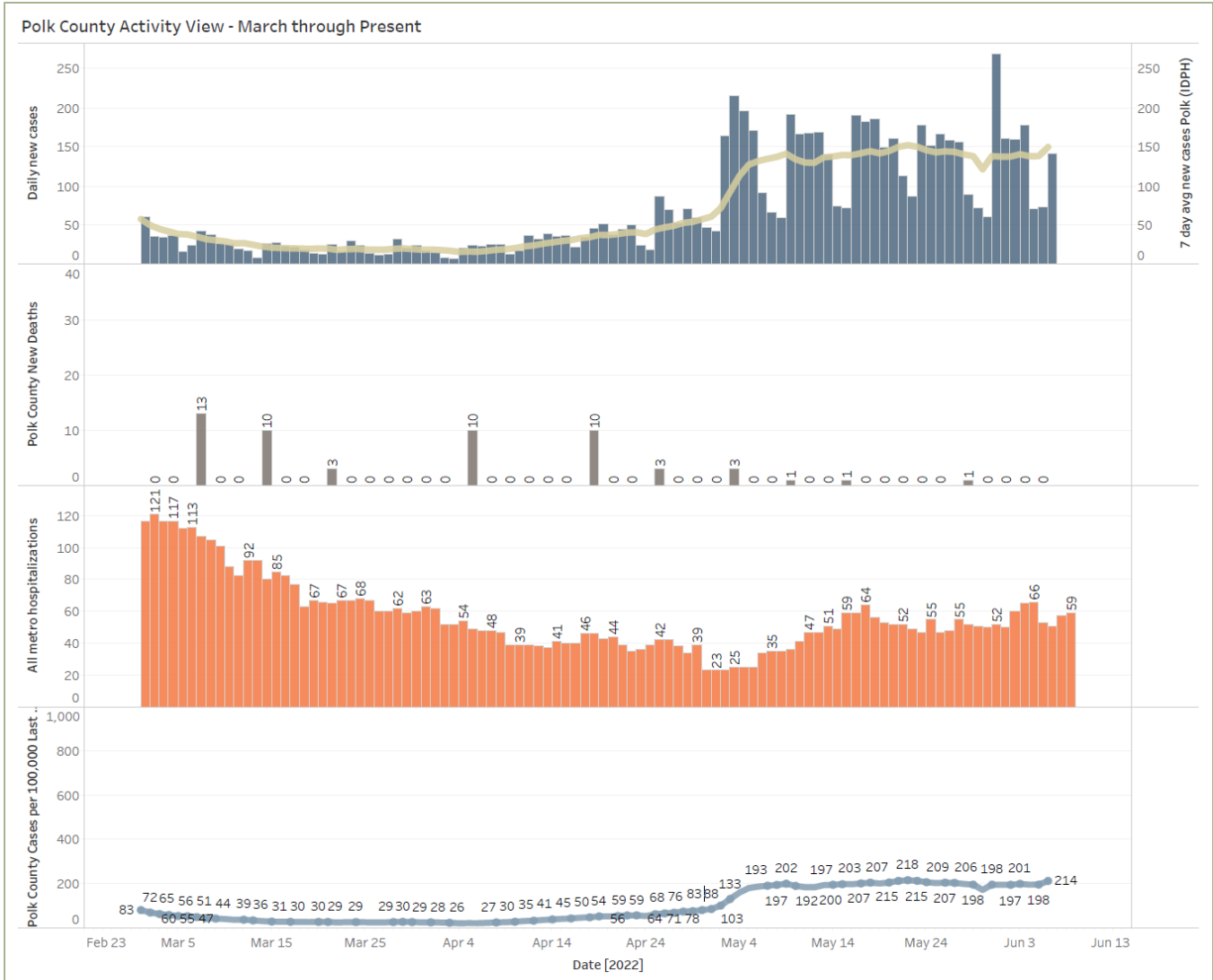
Rates - <https://arcg.is/1nTry4>

Polk Co People with a First Booster(**)	Data	Difference prev week
Total	180,013	837
% of Fully Vaccinated Population with a 1 st Booster Dose	54%	0.2%
Fully Vaccinated Population ≥ 12 Years of Age with a 1 st Booster Dose	179,542	593
% of Fully Vaccinated Population ≥ 12 Years of Age with a 1 st Booster Dose	57%	0.2%
Fully Vaccinated Population ≥ 18 Years of Age with a 1 st Booster Dose	172,292	478
% 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	52,700	114
% 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.

School Data – School reporting is paused for summer break

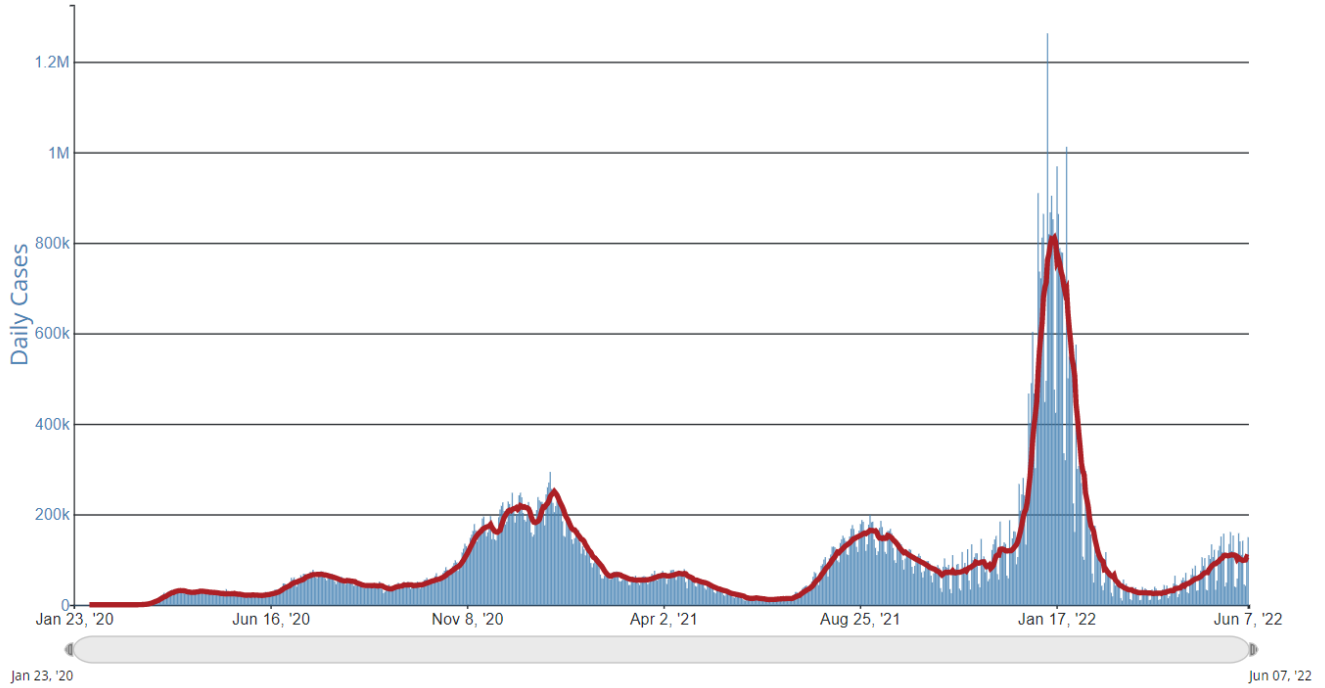
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Daily Trends in Number of COVID-19 Cases in The United States Reported to CDC



	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	111,512	34	+1%	13%	28,833	9	+11%	344.3	0.10	67%
Puerto Rico ›	3,809	112	-20%	34%	388	11	-1%	6.4	0.19	79%
Hawaii ›	1,135	80	-10%	23%	209	15	+40%	1.1	0.08	79%
U.S. Virgin Islands ›	64	60	-36%	—	12	11	-13%	0	—	54%
Alaska ›	410	56	+17%	15%	41	6	+4%	0	—	63%
Florida ›	11,080	52	+23%	19%	2,879	13	+34%	29.9	0.14	67%
Guam ›	80	48	+135%	—	—	—	—	0.3	0.16	83%
Maryland ›	2,640	44	+16%	11%	590	10	-13%	5.9	0.10	76%
Colorado ›	2,471	43	+41%	12%	308	5	+41%	6.6	0.11	71%
Nevada ›	1,311	43	+50%	27%	334	11	+36%	5.6	0.18	61%
New Jersey ›	3,778	43	-25%	10%	956	11	+2%	12.0	0.14	76%