

# Iowa County COVID-19 Disease Control Metrics



	Data from 4/7-4/20	Measure	Iowa County threshold metrics	Iowa County Status
Epidemiology	Cases	Less than 5% of tests in Iowa County are positive when averaged across a 14-day period	Green: Below 5% positivity Yellow: ≥ 5-10% positivity Red: Above 10% positivity	3%
	Cases	New cases below a threshold of .5 per day averaged over 14 days	Green: Below .5 cases per day averaged over a 14-day period Yellow: .5-2 cases per day averaged over a 14-day period Red: Greater than 2 cases per day averaged a recent 14-day period	2.1
	Outbreaks	Outbreaks are identified and managed in Long-term Care/ Assisted Living Facilities	Green: No active outbreaks Yellow: One active outbreak in a facility Red: Two or more active outbreaks	
Healthcare	Testing	Testing supplies and staff facilitate adequate testing for disease control and surveillance	Green: 35+ tests are performed per day, on average, in the past two weeks Yellow: 24-34 tests are performed per day, on average, in the past two weeks Red: <24 tests are performed per day, on average, in the past two weeks	72
	Healthcare Infrastructure	Upland Hills Hospital is able to handle all cases without crisis care	Facility use status: Med surg and ICU census	
			Staffing status: Trained staff are available or able to adequately care for the volume of patients even with extension techniques.  Critical supply status: There are at least 14 days worth of critical supplies.	
	Regional Healthcare Infrastructure	Regional hospital bed use	Green: <80% bed use Yellow: between 80-90% bed use Red: Greater than 90% bed use	81.3%
Public health	Contact tracing and lab reporting timeliness	All positive cases are reported and contacted quickly to facilitate rapid isolation and quarantine for disease control	Green: Greater than 85% of all new cases are contacted within 48 hours of results becoming available Yellow: 70-85% of all new cases are contacted within 48 hours of results becoming available Red: Less than 70% of all new cases are contacted within 48 hours of results becoming available	87%
	Community spread	Community spread is limited and identified	Green: Fewer than 20% of cases in the past two weeks do not have a known route of transmission Red: 20+% of cases in the past two weeks do not have a known route of transmission	52%
	Health Department	Iowa County Health Department has adequate staffing to handle day to day operations	Health Department answers yes to the following: Case Volume: Staff are able to manage health department operations. Staffing status: Staff are available to perform health department operations.	
	Isolation capacity	Capacity for supporting isolation and quarantine when appropriate	Green: Isolation and quarantine support resources are available Red: Isolation needs are not able to be met	
EM	Emergency management	Iowa County Emergency Management has adequate supplies and functional day to day operations	Green: Iowa County Emergency Management is in agreement that adequate pandemic-related supplies are available and day to day operations are routine or non-critical Red: Iowa County Emergency Management is lacking pandemic-related supplies or is attending to crises, disasters or other critical matters	

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### What's new this week?

**Epidemiology:** Our percentage of positive cases increased some, now at 3%, remaining green. The average cases reported daily metric increased some, now at 2.1, changing to red. The Outbreak metric remains green.

**Healthcare Status:** Testing rate remains green with an average of 72 tests performed daily. We encourage anyone with symptoms to contact his/her health care provider to be tested. Local health care partner's facility use status (represents med surge and ICU capacity) remains yellow. Staffing status indicates the number of available staff to care for the volume of patients and remains green. Critical supply status reflects at least fourteen days worth of supplies. This metric remains green. Our regional health care infrastructure metric represents regional hospital bed use and remains yellow. Currently there are 81.3% of regional hospital beds in use, up some from last week. In addition, 78.8% of total regional ICU beds are in use, down from last week.

**Public Health Status:** Community spread is at 52%. Our goal is that fewer than 20% of cases have no known source of transmission. This value is a reflection of current information, some data are missing, as not all cases have been in contact with the health department. Our contact tracing efforts are at 87%. This metric is dependent on individuals either answering the phone or returning our calls. Our health department volume and staffing metric remains yellow.

**Emergency Management:** Our emergency management partners remains green.

## Vaccine Data

Domain	Core Measure	Iowa County Status
These three core measures are all measures of herd immunity in Iowa County. We do not yet know what level of vaccination leads to herd immunity for COVID-19, or how current or future variants might affect herd immunity. We know based on other diseases that herd immunity is likely at least 60%, and if more transmissible variants become more common, that threshold may become higher, so our current target range is 60- 90%.	Percent with at least one vaccine dose	47.2%
	Percent fully vaccinated	35.9%
	Percent age 65+ with at least one vaccine dose	87.2%
	Percent age 65+ fully vaccinated	83.9%

These data come from the Wisconsin Immunization Registry (WIR)  
Adapted from: Public Health Madison and Dane County

- Check out this week's COVID-19 Dashboard: <https://www.iowacounty.org/departments/COVID-19>
- Iowa County status remains at a HIGH activity level: <https://www.dhs.wisconsin.gov/covid-19/local.htm>
- Regional metrics: <https://publichealthmdc.com/coronavirus/data#metrics>
- COVID-19 Vaccine Data: <https://www.dhs.wisconsin.gov/covid-19/vaccine-data.htm>
- COVID-19 community testing schedule <https://www.iowacounty.org/media/Departments/Health%20Department/Covid/Weekly%20Testing%20Graphic.jpg>