

# COVID-19 RISK DIAL

## Risk Analysis Metrics Calculations

ALL 6 RISK FACTORS ARE AVERAGED TOGETHER TO DETERMINE THE OVERALL RISK CATEGORY

### PERCENT POSITIVITY (PERSON/PERSON TEST METHOD) LAST 3 WEEKS AVERAGE

None	0
Low	0.1% to 11.6%
Moderate	11.7% to 23.3%
High	23.4% to 35%
Severe	35.1% and up

### NEW CASES PER 100,000 PEOPLE LAST 3 WEEKS AVERAGE

None	0-11
Low	12-22
Moderate	23-33
High	34-44
Severe	45+

### HEALTHCARE SYSTEM CAPACITY (ICU BED AVAILABILITY) LAST 3 WEEKS AVERAGE

Widely Available	50 to 100%
Adequate	39 to 49%
Stable	28 to 38%
Critical	17 to 27%
Shortage	0 to 16%

### AVAILABILITY OF CRITICAL MEDICAL EQUIPMENT LAST 3 WEEKS AVERAGE

Widely Available	90 to 100%
Adequate	60 to 89%
Stable	40 to 59%
Critical	20 to 39%
Shortage	<20%

### PERCENT OF ELIGIBLE POPULATION FULLY VACCINATED CURRENT PERCENT

Widely Available	80 to 100%
Adequate	59 to 79%
Stable	38 to 58%
Critical	17 to 37%
Shortage	0 to 16%

### ABILITY TO CONTACT POSITIVE CASES FOR AN INVESTIGATION WITHIN 48 HOURS LAST 3 WEEKS AVERAGE

Highly Able	80% to 100%
Adequate	70% to 79%
Stable	60% to 69%
Critical	50% to 59%
Shortage	<50%

The Sarpy/Cass COVID-19 Risk Dial is one mechanism to communicate to the public the risk of spread and impact of COVID-19 in the Sarpy and Cass County communities. Originally developed by the Lincoln-Lancaster County Health Department, the Risk Dial incorporates federal and national guidance published by public health experts and is coupled with specific guidance. The Health Department evaluates these measures, as well as researches additional measures, to ensure the most appropriate factors are utilized to estimate COVID-19 risk in our communities. This is only guidance and does not replace federal, state, or local directed health measures.

Visit [sarpycasshealthdepartment.org/novel-coronavirus](http://sarpycasshealthdepartment.org/novel-coronavirus) for more information.