

COVID-19 RISK DIAL

Risk Analysis Matrix Calculations

SCORE FROM ALL 7 RISK FACTORS ARE AVERAGED TOGETHER TO ACHIEVE ONE OVERALL RISK SCORE

TRAJECTORY OF THE OVERALL POSITIVITY RATE IN THE PAST 14 DAYS

LAST 3 WEEKS AVERAGE

0	None	0
1	Low	0.1% to 5%
2	Moderate	5.1% to 10%
3	High	10.1% to 15%
4	Severe	15.1% and up

TRAJECTORY OF POSITIVE CASES IN THE PAST 14 DAYS

LAST 3 WEEKS AVERAGE

0	None	<-100%
1	Low	-100% to <-50%
2	Moderate	-50% to <0%
3	High	0% to 10%
4	Severe	>10%

AVERAGE DAILY HOSPITALIZATIONS FOR COVID-19

LAST 3 WEEKS AVERAGE

0	<25
1	25 - 49
2	50 - 74
3	75 - 99
4	>100

HEALTHCARE SYSTEM CAPACITY (ICU BED AVAILABILITY)

LAST 3 WEEKS AVERAGE

0	Widely Available	60 to 100%
1	Adequate	50 to 59%
2	Stable	30 to 49%
3	Critical	20 to 29%
4	Shortage	<20%

AVAILABILITY OF CRITICAL MEDICAL EQUIPMENT

LAST 3 WEEKS AVERAGE

0	Widely Available	90 to 100%
1	Adequate	60 to 89%
2	Stable	40 to 59%
3	Critical	20 to 39%
4	Shortage	<20%

IDENTIFYING PERCENTAGE OF CASES OF COMMUNITY SPREAD

LAST 3 WEEKS AVERAGE

0	0 to 25%
1	26% to 40%
2	41% to 60%
3	61% to 75%
4	76% to 100%

ABILITY TO TRACE ALL CONTACTS OF POSITIVE CASES WITHIN 48 HOURS

LAST 3 WEEKS AVERAGE

0	80% to 100%
1	70% to 79%
2	60% to 69%
3	50% to 59%
4	<50%

The Health Department continually 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.

Visit
sarpycasshealthdepartment.org/novel-coronavirus
 for more information.