

Campus Monitoring Table

Category	Key Question	Indicator	Level 1	Level 2	Level 3	Level 4
System Capacity	Does the community have the capacity to care for severe cases?	Sufficient bed capacity in Mesa county to manage a 10% surge in hospital admissions	Sufficient capacity	Sufficient capacity	Insufficient capacity	Exceeding community capacity
	Can we protect students, faculty and staff?	Two weeks of PPE, cleaning supplies, COVID testing capacity	< greater than 2 wks PPE, cleaning supplies and testing capacity	Two weeks of PPE, cleaning supplies, and some testing capacity	>less than 2 wks PPE, cleaning supplies, and limited testing capacity	No PPE, cleaning supplies available, and no testing capacity
Disease Transmission						
A two-week timeframe was selected to represent a stable level of transmission because it represents more than one generation of cases. With an average incubation period of Sars-CoV-2 estimated at 5-6 days	What is the level of disease burden and how is it changing?	Tracking of daily case incidence and two-week prevalence (confirmed PCR testing)	Testing-oversampling based on risk stratification and contact tracing; >5 NEW unknown contact cases; small clusters	Testing-oversampling based on risk stratification and contact tracing; > 10 NEW unknown contact cases; larger clusters and outbreaks identified in many different campus groups	Testing-oversampling based on risk stratification and contact tracing; >15 NEW unknown contact cases	Testing-oversampling based on risk stratification and contact tracing; Widespread campus transmission
Monitoring for variants of concern	What is the level of transmission of new variants and the correlation with disease burden?	Tracking of genomic sequencing of positive cases	No new variants of concern and no increased severity of disease	Some new variants (> 5 cases) of concern are identified and no increase in severity of disease in the campus population	Some new variants (>10 cases) of concern are identified and some increase in severity of disease in the campus population	Some new variants (> 15 cases) of concern are identified and increasing of severity of disease are reported by the campus population
		Wastewater testing	Decreasing or static over a one-week period	Increasing incidence in more than one collection site over a one- week period with some positive individuals on reflexive testing	Increasing incidence in more than two collection sites over a one- week period with more positive than negative individuals on reflexive testing	Increasing incidence in all collection sites over a one- week period with all positive individuals on reflexive testing
Disease Control						
	Do we have robust contact tracing?	Implement case investigation and contact tracing protocol for at least 85% of cases within 24 hours.	85% cases contacted within 24 hours	75% cases contacted within 24 hours	65% cases contacted within 24 hours	Less than 50% cases contacted within 24 hours
Source control prevention			Mindful Masking	Masking required for outbreaks source/site	Universal Masking and social distancing	Universal Masking and social distancing