

UC Air Quality Decision Matrix

Levels of Health Concern	Current AQI Value	Who is Affected?	Actions	
Good	0-50	None Expected	No Action Anticipated	
Moderate	51-100	Unusually Sensitive Individuals (people with lung and heart disease) may be affected.	Outdoor Workers/Volunteers	Unusually sensitive people may require work accommodations.
			Campus/Facility Operations	No Action Anticipated
			Outdoor Camps/Events	No Action Anticipated
Unhealthy for Sensitive Groups	101-150	Sensitive groups including people with heart or lung disease, older adults, pregnant women, and children.	Outdoor Workers/Volunteers	Workers in sensitive groups may require work accommodations.
			Campus/Facility Operations	Consider closing building doors and windows to reduce outdoor air intake.
			Outdoor Camps/Events	At higher end of range, consider moving activities indoors.
Unhealthy	151-200	Everyone	Outdoor Workers/Volunteers	<ul style="list-style-type: none"> • Limit outdoor work and prolonged or heavy exertion where practicable. • Reassign employees who work outdoors for more than one hour or provide N95 respirators for voluntary use.
			Campus/Facility Operations	<ul style="list-style-type: none"> • Consider making N95 respirators and use/care guidance available for voluntary use. • Consider increasing campus-managed shuttle/bus service. • As feasible, modify filtered mechanical ventilation systems to reduce outdoor air intake.
			Outdoor Camps/Events	<ul style="list-style-type: none"> • Consider cancellation of more intense outdoor events or move events indoors.

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Very Unhealthy	201-300	Everyone	Outdoor Workers/ Volunteers	<ul style="list-style-type: none"> Suspend outdoor work. If work is absolutely necessary, provide N95 respirators for voluntary use.
			Campus/Facility Operations	<ul style="list-style-type: none"> To the extent feasible, curtail campus operations. Consider monitoring indoor air quality and implement mitigation actions if indoor AQI is within this range.
			Outdoor Camps/Events	<ul style="list-style-type: none"> Cancel outdoor events involving activity (e.g., sports). Consider cancellation of outdoor events that do not involve activity (e.g., concerts).
Hazardous	301-500	Everyone	Outdoor Workers/ Volunteers	<ul style="list-style-type: none"> Follow recommendations for the Very Unhealthy category.
			Campus/Facility Operations	<ul style="list-style-type: none"> Follow recommendations for the Very Unhealthy category.
			Outdoor Camps/Events	<ul style="list-style-type: none"> Cancel all outdoor events and camp activities. Consider cancellation of indoor camps that require participants or families to travel to and from campus.
Beyond the AQI	> 500	Everyone	All groups	<ul style="list-style-type: none"> Follow recommendations for the Hazardous Category. <li style="color: red;">Suspend outdoor work and activities. If outdoor work is absolutely necessary, N95 respirators are mandatory and require training and fit testing.

- The matrix is designed for use when wildfire smoke conditions result in worsening and unhealthy air quality. It does not apply if there is a direct threat of wildfire and/or other significant hazard to the location, or for smog-related air quality conditions.
- Required actions are in bolded red text. These are definitive actions that must take place when - but not before - the corresponding AQI threshold is met.
- Non-bolded actions are recommended for consideration and should be implemented at the location's discretion.
- The Chancellor/Chief Executive or Executive Policy Group at the impacted location is responsible for decision-making and implementing measures based on the matrix.
- This matrix is modified for use by UC ANR by removing information that was specific to campus or health system operations.