

Table 1: AQI-Based Decision-Making Matrix

Levels of Health Concern	PM2.5 (24hr avg; $\mu\text{g}/\text{m}^3$)	Current AQI Value	Who is Affected?	Actions	
Good	0-12	0-50	None Expected	No Action Anticipated	
Moderate	12.1-35.4	51-100	Unusually Sensitive Individuals (people with lung and heart disease) may be affected.	Outdoor Workers/ Volunteers	<ul style="list-style-type: none"> Unusually sensitive people may require work accommodations.
				Academic Classes	No Action Anticipated
				Campus Operations	No Action Anticipated
				Health System Operations	<ul style="list-style-type: none"> In patient care areas, consider modifying filtered mechanical ventilation systems and/or implementing other controls to reduce outdoor air intake.
				Athletics & Outdoor Recreation	No Action Anticipated
				Outdoor Camps/Events	No Action Anticipated
				Pre-K-12	No Action Anticipated
Unhealthy for Sensitive Groups	35.5-55.4	101-150	Sensitive groups including people with heart or lung disease, older adults, pregnant women, and children.	Outdoor Workers/ Volunteers	<ul style="list-style-type: none"> Workers in sensitive groups may require work accommodations.
				Academic Classes	No Action Anticipated
				Campus Operations	<ul style="list-style-type: none"> Consider closing building doors and windows to reduce outdoor air intake.
				Health System Operations	<ul style="list-style-type: none"> As feasible, modify filtered mechanical ventilation systems to reduce outdoor air intake in patient care areas.
				Athletics & Outdoor Recreation	<ul style="list-style-type: none"> Medical/athletic staff/outdoor recreation staff should consult with individuals who fall into the sensitive groups about participation in practice, competition, and/or outdoor events.
				Outdoor Camps/Events	<ul style="list-style-type: none"> At higher end of range, consider moving activities indoors.
				Pre-K-12	<ul style="list-style-type: none"> For longer activities such as athletic practice, take more breaks and do less intense activities

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Unhealthy	55.5-150.4	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.
				Academic Classes	<ul style="list-style-type: none"> • Consider academic accommodations for students and faculty with pre-existing health conditions. • Consider cancelling or moving outdoor classes indoors.
				Campus 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.
				Health System Operations	<ul style="list-style-type: none"> • Consider making N95 respirators and use/care guidance available for voluntary use. • In patient care areas, consider monitoring indoor air quality and implement mitigation actions if indoor AQI is within this range.
				Athletics & Outdoor Recreation	<ul style="list-style-type: none"> • Medical/athletic training staff should closely monitor the health of all athletes in practice and competition. Modifications to athletic activities should be considered and implemented as necessary. • Shorten/modify outdoor recreational activity to limit prolonged or heavy exertion.
				Outdoor Camps/Events	<ul style="list-style-type: none"> • Consider cancellation of more intense outdoor events or move events indoors.
				Pre-K-12	<ul style="list-style-type: none"> • For all outdoor activities, take more breaks and do less intense activities. • Consider moving longer or more intense activities indoors or rescheduling them to another day or time.

Levels of Health Concern	PM2.5 (24hr avg; µg/m3)	Current AQI Value	Who is Affected?	Actions	
Very Unhealthy	150.5-250.4	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.
				Academic Classes	<ul style="list-style-type: none"> • Per local procedures and in consultation with the divisional Academic Senate Chair or designee, cancel or restructure classes if current AQI levels have maintained in this range and are expected to continue (academic activities that support clinical operations or research may be excluded from cancellation).
				Campus 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.
				Health System Operations	<ul style="list-style-type: none"> • To the extent feasible, curtail health system operations. • Consider monitoring indoor air quality and implement mitigation actions if indoor AQI is within this range.
				Athletics/Outdoor Recreation	<ul style="list-style-type: none"> • Outdoor athletic activities should be moved indoors or delayed, postponed, or relocated. • Cancel or move indoors outdoor recreational activities.
				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).
				Pre-K-12	<ul style="list-style-type: none"> • Close school if current AQI levels have maintained in this range and are expected to continue.

Levels of Health Concern	PM2.5 (24hr avg; µg/m3)	Current AQI Value	Who is Affected?	Actions	
Hazardous	250.5-500.4	301-500	Everyone	Outdoor Workers/Volunteers	<ul style="list-style-type: none"> • Follow recommendations for the Very Unhealthy category.
				Academic Classes	<ul style="list-style-type: none"> • Follow recommendations for the Very Unhealthy category.
				Campus Operations	<ul style="list-style-type: none"> • Follow recommendations for the Very Unhealthy category.
				Health System Operations	<ul style="list-style-type: none"> • Follow recommendations for the Very Unhealthy category.
				Athletics/Outdoor Recreation	<ul style="list-style-type: none"> • Cancel or move indoors all outdoor athletic and recreation events/activities. • Consider cancellation of indoor events/activities based on indoor air quality measurements.
				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	> 500.4	> 500	Everyone	All groups	<ul style="list-style-type: none"> • Follow recommendations for the Hazardous Category. • Suspend outdoor work and activities. If outdoor work is absolutely necessary, N95 respirators are mandatory and require training and fit testing.