

CISB Air Quality Index & Protocols for School Activities

PM 2.5 Concentration (ug/m ³)	AQI	Air Quality Description	Grade	Color	Measure to be Taken	Outside play?
0.0 – 12.0	0 -50	Excellent	1	Green	Daily activity not affected	Yes
12.1	51 – 100	Good	2	Green	Daily Activity not affected	Yes
35.5-55.4	101-150	Unhealthy for sensitive groups /Slight pollution	3A	Yellow	<ul style="list-style-type: none"> Daily activities not affected. Although general public is not likely to be affected at this AQI range, people with lung disease, older adults and children are at a greater risk from exposure to ozone, whereas persons with heart and lung disease, older adults and children are at greater risk from the presence of particles in the air. The following groups should reduce prolonged or heavy outdoor exertion: people with lung disease, such as asthma; children and older adults; people who are active outdoors. Recommended those reduce and limit outdoor activity. 	YES
55.5-150.4	151-200	"Unhealthy" /Light pollution	3B	Yellow	<ul style="list-style-type: none"> Everyone may begin to experience some adverse health effects, and members of the sensitive groups may experience more serious effects. The following groups should avoid prolonged or heavy outdoor exertion: people with lung disease, such as asthma; children and older adults; people who are active outdoors. Recommended those reduce and limit outdoor activity. 	175 NO Nursery to Gr. 5
						YES Grades: 6 to 12
150.5-200.4	201-250	Very Unhealthy" /Moderate-heavy pollution	4A	Orange	<ul style="list-style-type: none"> This would trigger a health alert signifying that everyone may experience more serious health effects. All individuals are at risk for having symptoms due to the increased pollution. Those with lung and heart conditions should stay indoors and reduce physical activities. 	200+ NO All Grades
200.5-250.4	251-300	"Very Unhealthy" /Moderate-heavy pollution	4B	Red	<ul style="list-style-type: none"> This would trigger a health alert signifying that everyone may experience more serious health effects. All individuals are at risk for having symptoms due to the increased pollution. Those with lung and heart conditions should stay indoors and reduce physical activities. 	NO
250.5-500	>300	"Hazardous" /heavy pollution	5	Purple	<ul style="list-style-type: none"> This would trigger a health warning of emergency conditions. The entire population is more likely to be affected. Symptoms may be increased due to the high air pollution levels. Recommended that all individuals should avoid outdoor activities. 	NO