

## CISB Air Quality Index & Protocols for School Activities 2018-2019

PM 2.5 Concentration (ug/m <sup>3</sup> )	AQI	Air Quality Description	Grade	Color	Measure to be Taken	Outside play?
0.0-12.0	0-50	Excellent	1	Green	Daily activities not affected	YES
12.1-35.4	51-100	Good	2	Green	Daily activities not affected	YES
35.5-55.4	101-150	Unhealthy for sensitive groups /Slight pollution	3A	Yellow	<ul style="list-style-type: none"> <li>Daily activities not affected.</li> <li>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.</li> <li>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.</li> </ul>	YES
55.5-150.4	151-200	"Unhealthy" /Light pollution	3B	Yellow	<ul style="list-style-type: none"> <li>Everyone may begin to experience some adverse health effects, and members of the sensitive groups may experience more serious effects.</li> <li>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.</li> </ul>	<b>175+</b> NO Nursery, Pre-K3, Pre-K4, KG
						YES Grades: 1 to 12
150.5-200.4	201-250	"Very Unhealthy" /Moderate-heavy pollution	4A	Orange	<ul style="list-style-type: none"> <li>This would trigger a health alert signifying that everyone may experience more serious health effects.</li> <li>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.</li> </ul>	<b>200+</b> NO All Grades
200.5-250.4	251-300	"Very Unhealthy" /Moderate-heavy pollution	4B	Red	<ul style="list-style-type: none"> <li>This would trigger a health alert signifying that everyone may experience more serious health effects.</li> <li>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.</li> </ul>	NO
250.5-500	>300	"Hazardous" /heavy pollution	5	Purple	<ul style="list-style-type: none"> <li>This would trigger a health warning of emergency conditions. The entire population is more likely to be affected.</li> <li>Symptoms may be increased due to the high air pollution levels. Recommended that all individuals should avoid outdoor activities.</li> </ul>	NO

