

SCHOOLS PARTICULATE MATTER (PM_{2.5}) ACTION PLAN

- Conditions are continuously monitored by the school's designee. Condition reports are made to the Principal.
- Monitor particulate levels as needed as needed by using hand-held monitors, messages provided by Civil Defense or Department of Health, and/or tools on the Vog Dashboard: <https://vog.ivhhn.org/current-air-quality>.
- **Teachers and staff should continuously monitor students' reactions to particulate levels. Consider using a sensitive room or sheltering in place if there is an increased amount of students/staff with respiratory issues, despite particulate monitoring data.**
- The color-coded guide with recommended actions should be followed when applicable.
- DOE district office will communicate with Civil Defense on elevation and duration of levels and recommend appropriate actions to schools.

EPA AQI*	PM _{2.5} Concentration**	Recommended School Actions
Green (Good) 0-50	Green (Good) 0-12.0 µg/m³ Little to no risk.	1) Maintain normal school operations
Yellow (Moderate) 51-100	Yellow (Moderate) 12.1-35.4 µg/m³ Unusually sensitive individuals may experience symptoms.	1) Maintain normal school operations 2) Monitor air quality. Use hand-held monitors, follow messages from CD or HDOH, and/or use tools on the Vog Dashboard: https://vog.ivhhn.org/current-air-quality 3) Notify main office if staff/students need medical attention 4) Affected staff/students will be evaluated by SHA using SHA Manual Section 3-3-9 5) Updates will be made as needed based on available monitoring data
Orange (Unhealthy for Sensitive Groups) 101-150	Orange (Unhealthy for Sensitive Groups) 35.5-55.4 µg/m³ Increasing likelihood of health effects experienced by children, and especially children or adults with pre-existing respiratory or heart disease.	1) Consider limiting outdoor activities and reduce prolonged or heavy outdoor exertion 2) Monitor air quality, and watch for symptoms (i.e. coughing or shortness of breath) 3) Notify main office if staff/students need medical attention 4) Affected staff/students will be evaluated by SHA using SHA Manual Section 3-3-9 5) Updates will be made as needed based on available monitoring data
Red (Unhealthy) 151-200	Red (Unhealthy) 55.5-150.4 µg/m³ Sensitive individuals expected to experience increased aggravation of pre-existing respiratory or heart conditions. Increased respiratory or heart effects likely in general population.	1) Limit outdoor exposure by conducting indoor activities (Recess, PE) 2) Monitor air quality, and watch for symptoms (i.e. coughing or shortness of breath) Notify main office if staff/students need medical attention 3) Affected individuals will be evaluated by SHA using to SHA Manual Section 3-3-9 4) Updates will be made as needed based on available monitoring data 5) Establish "sensitive room(s)" 6) Affected staff/students will be cared for in the sensitive room(s) or health room
Purple (Very Unhealthy) 201-300	Purple (Very Unhealthy) 150.5-250.4 µg/m³ Significant health effects expected for individuals with pre-existing conditions. Significant increase in respiratory effects in general population.	1) Shelter-In-Place (SIP) 2) Monitor air quality and watch for symptoms (i.e. coughing or shortness of breath) Notify main office if staff/students need medical attention 3) Affected individuals will be evaluated by SHA using SHA Manual Section 3-3-9 4) Establish "sensitive room(s)" 5) Affected staff/students will be cared for in the sensitive room(s) or health room
Maroon (Hazardous) 301-500	Maroon (Hazardous) 250.5-500.4 µg/m³ Serious health effects expected for individuals with preexisting conditions. Serious risk of respiratory effects in general population.	6) Updates will be made every hour or as needed 7) Communicate with district office on current conditions and next steps 8) Follow Civil Defense advisories

*AQI = Air Quality Index

**PM_{2.5} = particulate matter <2.5 micrometers in diameter; µg/m³ = micrograms per cubic meter of air