

Indoor Air Quality (IAQ) Monitoring Tool

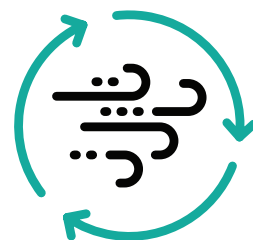
What is the IAQ Monitoring Tool?

- It is a tool developed for schools to independently monitor and evaluate IAQ using portable, low-cost air sensors. The sensors are free for qualifying schools.
- Air sensors measure temperature, relative humidity, and carbon dioxide. They also measure particulate matter (PM2.5) levels. “Particle pollution” includes things like dust, soot, dirt, and smoke.
- The data is evaluated against season-specific indoor air comfort standards developed by the New York State School Environmental Health Program that are backed by current scientific standards.
- A **Step-By-Step Guide** provides guidance on how to improve IAQ.
- A customizable **IAQ Management Plan** is also provided to organize IAQ improvements.



Why Does IAQ Matter?

- IAQ is a common concern in many schools due to the building’s age, condition, and ventilation system. IAQ is affected by many factors that are directly related to building operations and maintenance.
- Poor IAQ can increase allergens, worsen asthma, and promote the spread of respiratory illnesses.
- Good indoor air helps improve student and staff health and learning outcomes, decreases rates of absenteeism, and reduces asthma and allergy triggers.
- Proactive monitoring provides data that can be used to address concerns, reducing the need for more costly air quality investigations.



How Can Schools Participate?

All schools are welcome to participate. Schools where least 50 percent of the students meet the New York State Education Department’s economically disadvantaged criteria can qualify for free air sensors. All schools receive hands-on training and tools to improve indoor air quality.

Get started today. Email us at: SchoolEnviroHealth@health.ny.gov



New York State School Environmental Health Program
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