



Clean Air for Schools Program

IQAir's vision is to assist people in living longer, healthier and more productive lives by helping them breathe the cleanest, healthiest air possible.

This vision has guided the company since its founding in 1963, and can be seen clearly today by the way IQAir interacts in the world and the values that we hold closely.



The IQAir Foundation works to bring clean air to more than 1 million children.

- **Disadvantaged and underserved communities are disproportionately affected by adverse environmental conditions, including poor air quality.**
- **Freeway interchanges, airports, industrial districts, communities with proximity to these.**
- **Children in these impacted areas suffer from respiratory illnesses at a much higher rate.**

The IQAir Foundation seeks to promote environmental justice by helping to improve environmental health conditions in neighborhoods unfairly affected by pollution as a result of economic, ethnic or racial factors.

Through **Clean Air for Kids**, IQAir Foundation has a **goal to bring air filtration to at least 120,000 additional school children every year**, which supports the IQAir Foundation's overarching goal of **providing clean air to more than 1 million children.**



1 Million Children

Pollutants near schools, airports, industrial

Estimated 8,000 U.S. public schools lie within 500 feet of highways, truck routes and other roads with significant traffic.*

Over to pollutants every day:

- **4.4 million children in schools** are exposed located near freeways
- Homes located near freeways
- Indoor Air Quality pollutants

Sources of pollutants and emissions:

- Rail yards, major highways and roads
- CO₂ released from diesel trucks and some older cars
- Refineries and factories
- Airports, seaports

* Center for Public Integrity, 2017



Prevention and Mitigation

Pollution Prevention

- Pollution prevention refers to the use of materials, processes, and practices that **reduce or eliminate the creation of pollutants** at the source
- **Efficiency in the use of raw materials, energy, water, or other resources**
- **Protection of natural resources** by conservation.
- **Pollution prevention is an important and essential** approach that reduces waste generation and the emission of pollutants released to land, air, and water without transferring pollutants from one medium to another.

Mitigation

While it can take 20 to 30 years to reduce air pollution, **mitigation airborne pollution indoors can be achieved in just a couple of weeks**. Note: mitigation is not a replacement for pollution prevention.







The road to becoming a Clean Air School includes these steps:

- **Assessment and Creation of a Solutions Report:** Clean air specialists assess your school buildings and mechanical systems.

Solutions Report including recommended technology and other actions to improve air quality and optimize heating, ventilation and air conditioning systems performance is generated.

- **Funding Decisions:** IQAir Foundation seeks to find funding for the program.
- **Installation of one or a combination of recommended technologies:** Air cleaning and HVAC specialists install upgraded **HVAC filters, standalone air filtration systems.**
- **Verification:** Air cleaning and HVAC specialists verify that your school meets the **Clean Air School Requirements.**
- **Continuous monitoring and maintenance:** The school's facilities and maintenance staff is trained on the newly installed technologies, filter replacement and other maintenance requirements. The installation team continues to monitor the site throughout the designated contract period.

Thank you for your time today.

Questions?

A background image of a city skyline at dusk or dawn, with silhouettes of skyscrapers against a blue and orange sky. A semi-transparent white box is overlaid on the image, containing the text "Get Involved".

Get Involved