

# Air Quality Awareness Program

The **Air Quality Awareness Program** provides information about air quality in the Region and activates alerts to notify residents when air quality is expected to be poor. The Miami Valley Region is required by the federal Clean Air Act to have a plan to keep the air clean. One part of the plan calls for residents to take action to reduce air pollution. Many local industries are already doing their part by upgrading their facilities, but everyone's help is needed to achieve clean air.

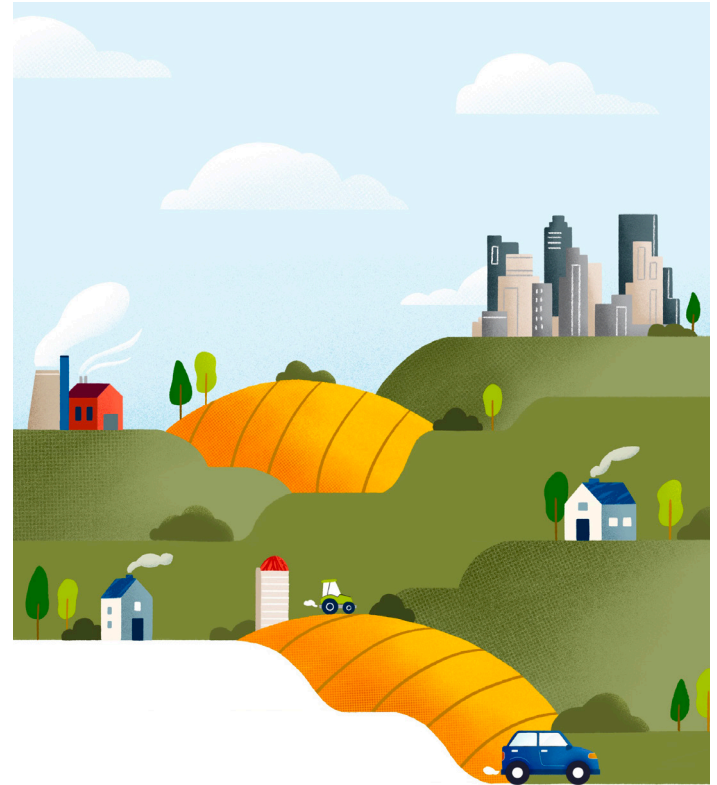


## What is air pollution and how does it affect me?

Air pollution is a combination of ground-level ozone and particle pollution. When inhaled, it can have negative impacts on your health. However, there are simple steps you can take to reduce air pollution.

**Ground-level ozone** is a colorless, odorless gas produced when emissions from gasoline powered engines mix with sunlight.

**Particle Pollution** comes from sources like wood burning, diesel and gasoline powered engines, factories, and power plants. This matter is also known as PM 2.5, and can get deep into the lungs.



## Simple Steps For Improving Air Quality



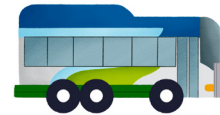
Carpool when possible



Mow your lawn in the evening



Refuel in the evening



Use public transportation



Bike or walk for short trips



Avoid idling your car



Reduce the use of fireplaces/pits



Don't burn yard waste



Combine errands in one trip

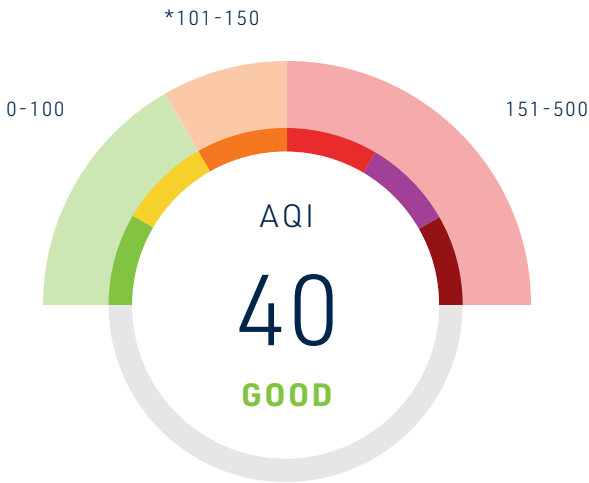


Get regular oil changes



## What is an Air Quality Alert?

The Regional Air Pollution Control Agency RAPCA monitors the air in the Miami Valley. If and when air pollution levels are forecasted to be high, an Air Quality Alert will be issued and distributed via email, social media and media outlets. Visit [MiamiValleyAir.org](http://MiamiValleyAir.org) to register for notifications.



## What is the Air Quality Index (AQI)?

The U.S. Environmental Protection Agency (U.S. EPA) has developed the AQI for reporting levels of common air pollutants. Generally AQI values below 100 are satisfactory air quality. AQI levels over 100 can cause health problems for the elderly, children and those with respiratory diseases.

0-100

**Acceptable or Good AQI**

101-150

**Unhealthy for Sensitive Groups**

*\*At this level and above an Air Quality Alert is activated.*

151-500

**Unacceptable, Bad, or Hazardous AQI**

## Air quality partners working to protect our air

Miami Valley Regional Planning Commission (MVRPC)  
937.223.6323 | [mvrpc.org](http://mvrpc.org)

Greater Dayton Regional Transit Authority (GDRTA)  
937.425.8300 | [i-riderta.org](http://i-riderta.org)

Greene CATS Public Transit  
937.562.6466 | [co.greene.oh.us](http://co.greene.oh.us)

Regional Air Pollution Control Agency (RAPCA)  
937.225.4435 | [rapca.org](http://rapca.org)

Miami County Transit  
937.440.5900 | [co.miami.oh.us](http://co.miami.oh.us)

Springfield City Area Transit (SCAT)  
937.328.7228 | [scatrideline.com](http://scatrideline.com)

Clark County-Springfield Transportation Coordinating Committee (CCSTCC)  
937.521.2128 | [clarktcc.com](http://clarktcc.com)

National Weather Service - Wilmington  
937.383.0031 | [weather.gov/iln/](http://weather.gov/iln/)

