

A guide to healthy air in your neighborhood



This guide provides some information about air quality in your neighborhood. It is part of the *Dwight Healthy and Just* Neighborhood project, which is a joint effort to understand how your neighborhood contributes to your health and wellness, and what kinds of changes can be made to make us all healthier! For more information visit dwrightneighborhood.info, check out the live air quality, and explore other resources about air quality in Dwight.

What is air pollution? Air pollution makes the air around us dirty and can make us sick. You know how sometimes you see smoke coming out of a chimney or trucks leaving behind smelly fumes? Those are kinds of air pollution. Sometimes you can see it, but

sometimes it is invisible, and we need scientific monitors to know it is there. Air pollution is made of tiny particles floating in the air that come from many different sources!

Is air cleaner indoors?

Not always! The air inside your house, car, school, or workplace can be negatively affected by: appliances that burn fuel, cigarettes, cleaning chemicals, building materials, moisture which creates mold, and even glues used in some types of furniture.

How do we measure air quality? Air quality is measured on a scale called the Air Quality Index, or AQI for short. AQI tells us how clean or dirty the air is using numbers, colors, and words. The AQI uses numbers from

0 to 500, which tells us the levels of five air pollutants that are unsafe for people to breathe. The higher the number, the more polluted the air is. Each number of the index is associated with a color on the spectrum from green to maroon. Six colors that go from green (best air quality) to yellow to orange to red to purple to maroon (worst air quality) are used to describe the air.

How to check the live air quality in Dwight:

1. Visit: dwrightneighborhood.info
2. Click "Live Air Quality"
3. Look at the colored circles. Each one represents the location of an air quality monitor.
4. Look for a monitor that is

close to where you will be outside.

5. When the circle is green, the air is healthy! Yellow, orange, purple and red mean higher levels of air pollution. You can also use the number inside the circle, called the Air Quality Index, or AQI for short, to track the level of pollution.
6. Consider what kinds of outdoor activities you, your family, and friends might want to do based on the level of pollution—see the chart above for some guidelines.

This document was created by the Yale Urban Design Workshop at the Yale School of Architecture with the support of an Environmental Justice Small Project grant from the United States Environmental Protection Agency, the Dwight Central Management Team, and the Greater Dwight Development Corporation. udw.architecture.yale.edu.