



# DETROIT

## DISTRICT AIR QUALITY AT A GLANCE



District **5**  
Population **98,000**  
Mayor **Mike Duggan**

Council Member **Mary Sheffield**  
District Manager **Melia Howard**  
Deputy Manager **Zavia Ferguson**

## HOW TO IMPROVE AIR QUALITY

Community Action to Promote Healthy Environments (CAPHE) Public Health Action Plan\* contains 25 recommendations to improve air quality and health in the City of Detroit. Below are several strategies which could improve air quality in District 5.

### Vegetative Buffers

Planting trees along key routes, like I-94, I-75, I-96, and M-10, could lower residents exposure to roadway air pollutants.

### Renewable Energy

Encouraging the use of renewable energy, like solar panels and small wind turbines, would reduce reliance on coal-fired power plants and improve air quality.

### Filters

Installing filters in childcare centers and in schools would help lower children's exposure to indoor air pollutants.

### Monitoring

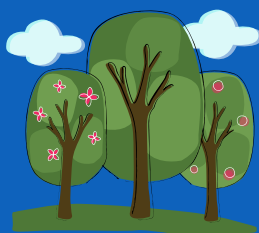
Monitoring air quality around roadways and point sources could help identify "hot spots" that could be targeted to reduce emissions.

### Health Impact Assessments

Requiring Health Impact Assessments for development projects in the City could identify important opportunities to protect residents health.

## DISTRICT STATISTICS

District 5 has 3.6% tree cover, which is lower than American Forests' recommendation of 40% coverage for (eastern) metropolitan areas.



Over 40% of households in District 5 have incomes below the poverty line, and over 60% rent their homes.



I-94, I-75, I-96, and M-10 are major roadways that all contribute to air pollution in District 5.



District 5 has a cancer mortality risk that is higher than the average in the City of Detroit at 41.9 per million.

District 5

\*[caphedetroit.sph.umich.edu](http://caphedetroit.sph.umich.edu)



# COMMUNITY ACTION TO PROMOTE HEALTHY ENVIRONMENTS PARTNERS



## PROJECT DESCRIPTION

CAPHE is a partnership working to reduce air pollution and improve health in Detroit. CAPHE's Public Health Action Plan leverages over 20 years of community-academic research and action between academic, community, and governmental organizations to identify and create solutions to Detroit's air quality challenges. This community-based participatory research initiative ensures that Detroit residents have a substantial voice and opportunity to impact the environment and public health.



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