



# DETROIT

AIR QUALITY AT A GLANCE



District **2**  
Population **105,000**  
Mayor **Mike Duggan**

Council Member **Roy McCalister Jr**  
District Manager **Kim Tandy**  
Deputy Manager **Sean Davis**

## 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 2.

### Vegetative Buffers

Planting trees along key routes, like 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

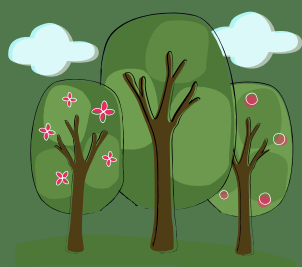
Monitoring air quality around roadways and point sources could help identify "hot spots" that could be targeted to reduce emissions.

### Health Impact Assessments

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

## DISTRICT STATISTICS

District 2 has 8.8% tree cover, which is lower than American Forests' recommendation of 40% coverage for (eastern) metropolitan areas.



The M-10 freeway is a heavily traveled roadway that contributes to air pollution and adversely affects the health of residents.



22% of the District 2 population is 60+, and older adults are more susceptible to the adverse effects of air pollution.



District 2

District 2 has a high percentage of early childcare centers, and children are more susceptible to the adverse effects of air pollution.

\*[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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