



DETROIT

AIR QUALITY AT A GLANCE



District **1**
Population **83,000**
Mayor **Mike Duggan**

Council Member
District Manager
Deputy Manager

James Tate
Karla Williamson
Kya Robertson

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 1.

Vegetative Buffers

Planting trees along key routes, like the Southfield and Jeffries Freeways can lower residents exposure to roadway air pollutants.

Filters

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

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

Currently District 1 has 18% tree cover, which is lower than American Forests' recommendation of 40% coverage for (eastern) metropolitan areas



The Southfield Freeway and Jeffries Freeway are highly travelled routes that contribute to near-roadway air pollution.



District 1 has a high percentage of early childcare centers, and children are particularly vulnerable to air pollution.

District 1

*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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