



DETROIT

DISTRICT AIR QUALITY AT A GLANCE



District **4**
Population **100,000**
Mayor **Mike Duggan**

Council Member **André L. Spivey**
District Manager **Letty Azar**
Deputy Manager **Dennis Perkins**

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 4.

Vegetative Buffers

Planting trees along key routes, 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

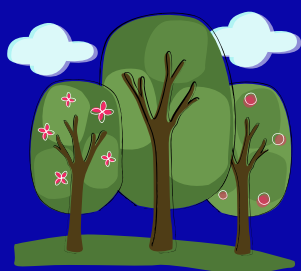
Monitoring air quality around roadways and point sources could help identify "hot spots" that could be targeted to reduce emissions.

Health Impact Assessments

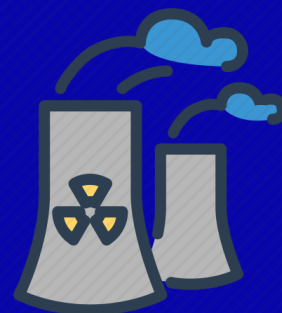
Requiring Health Impact Assessments for development projects in the City could identify important opportunities to protect residents health.

DISTRICT STATISTICS

District 4 has 6.5% tree cover, which is lower than American Forests' recommendation of 40% coverage for (eastern) metropolitan areas.



42.9% of households in District 4 live below the poverty line.



Jefferson North Assembly and the Chrysler Plant contribute air pollution in District 4.



Installing high quality indoor air filters in child care centers and nursing homes near I-94 could protect vulnerable groups from air pollution.

District 4

*caphedetroit.sph.umich.edu



COMMUNITY ACTION TO PROMOTE HEALTHY ENVIRONMENTS PARTNERS



DETROIT
HISPANIC
DEVELOPMENT
CORPORATION



SIERRA
CLUB
FOUNDED 1892



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.



Contact: Alison E. Walding

walison@umich.edu, 734.264.2955, caphedetroit.sph.umich.edu