



CAPHE'S PUBLIC HEALTH ACTION PLAN

CAPHE's scientifically based, community informed Public Health Action Plan (PHAP) was developed through dialogue within our partnership and with Detroit residents and community leaders. It includes recommendations for action in 10 key areas to reduce air pollution and improve related health outcomes in Detroit. You can view the full action plan, including recommendations and action strategies, here: <https://caphedetroit.sph.umich.edu/public-health-action-plan>

CAPHE PARTNERS

- 48217 - Theresa Landrum
- Community Action Against Asthma
- Detroit Community-Academic Urban Research Center
- Detroit Health Department
- Detroit Hispanic Development Corporation
- Detroiters Working for Environmental Justice
- Ecology Center
- Green Door Initiative
- Healthy Environments Partnership
- Michigan Department of Environment, Great Lakes, and Energy (EGLE)
- Sierra Club
- Southwest Detroit Community Benefits Coalition
- Southwest Detroit Environmental Vision
- University of Detroit Mercy School of Law
- University of Michigan School of Public Health
- University of Michigan-Dearborn



COMMUNITY ACTION TO PROMOTE HEALTHY ENVIRONMENTS (CAPHE)

CAPHE is a partnership between academic, community organizations and advocates, and governmental organizations. We have been working together since 2013 to develop and implement a Public Health Action Plan to reduce air pollutants and improve health in Detroit. Built on over 20 years of community-academic research partnership, our goal is to collaboratively identify and implement solutions to Detroit's air quality challenges, and to amplify the voice of Detroit residents in the process. For more about our work, please see [The CAPHE Partnership: History and Current Efforts](#).

ADVANCING AIR QUALITY AND HEALTH

CAPHE's "Advancing Air Quality and Health" initiative focuses on selected recommendations from our Public Health Action Plan. These were prioritized by CAPHE partners and include:

1. Expand air quality monitors in Detroit to increase residents' access to information about air pollution. An online portal will provide residents with access to near-real time monitoring data. The monitors focus on black carbon air pollution, emitted by heavy trucks.
2. Place indoor air filters in Detroit schools and other child-serving organizations located near major roads and industrial sites, where risk of exposure to air pollutants is high. We will evaluate the impact on indoor air quality in approximately 10 schools over the project period, and disseminate findings to encourage implementation in additional schools.
3. Share relevant science with local decision makers and community groups to help assure that information about air quality and health informs local and state decisions. This includes working actively with the Environmental Health Research to Action program and other community initiatives to support the next generation of environmental health leaders, advocates and scientists.
4. CAPHE evaluates our work annually. We use evaluation results to examine and improve equity within our partnership, and to evaluate the impact of our collective efforts to improve air quality and health equity.

Advancing Air Quality and Health is one of several initiatives that CAPHE is moving forward. Our work is made possible by funding from the National Institute of Environmental Health Sciences (RO1ES022616, RO1ES032389), and the Fred A. and Barbara M. Erb Family Foundation, with additional support from the Michigan Center on Lifestage Environmental Exposures and Disease (M-LEEaD) (NIEHS #P30ES017885). For additional information about CAPHE and our other initiatives, please see [The CAPHE Partnership: Our History and Current Initiatives](#)"