

# LOW-COST AIR QUALITY MONITORING PILOT STUDY

## RESEARCH AND FUNDING PARTNERS



The goal of this pilot study is to work with communities near I-275 and I-4 to:

- Increase access to air quality data
- Equitably improve air quality
- Inform future transportation planning

**To accomplish these goals, we will:**

Establish pilot monitoring sites within communities

Collect and share data with communities using monitors with wifi

Develop methods to establish a larger community monitoring network

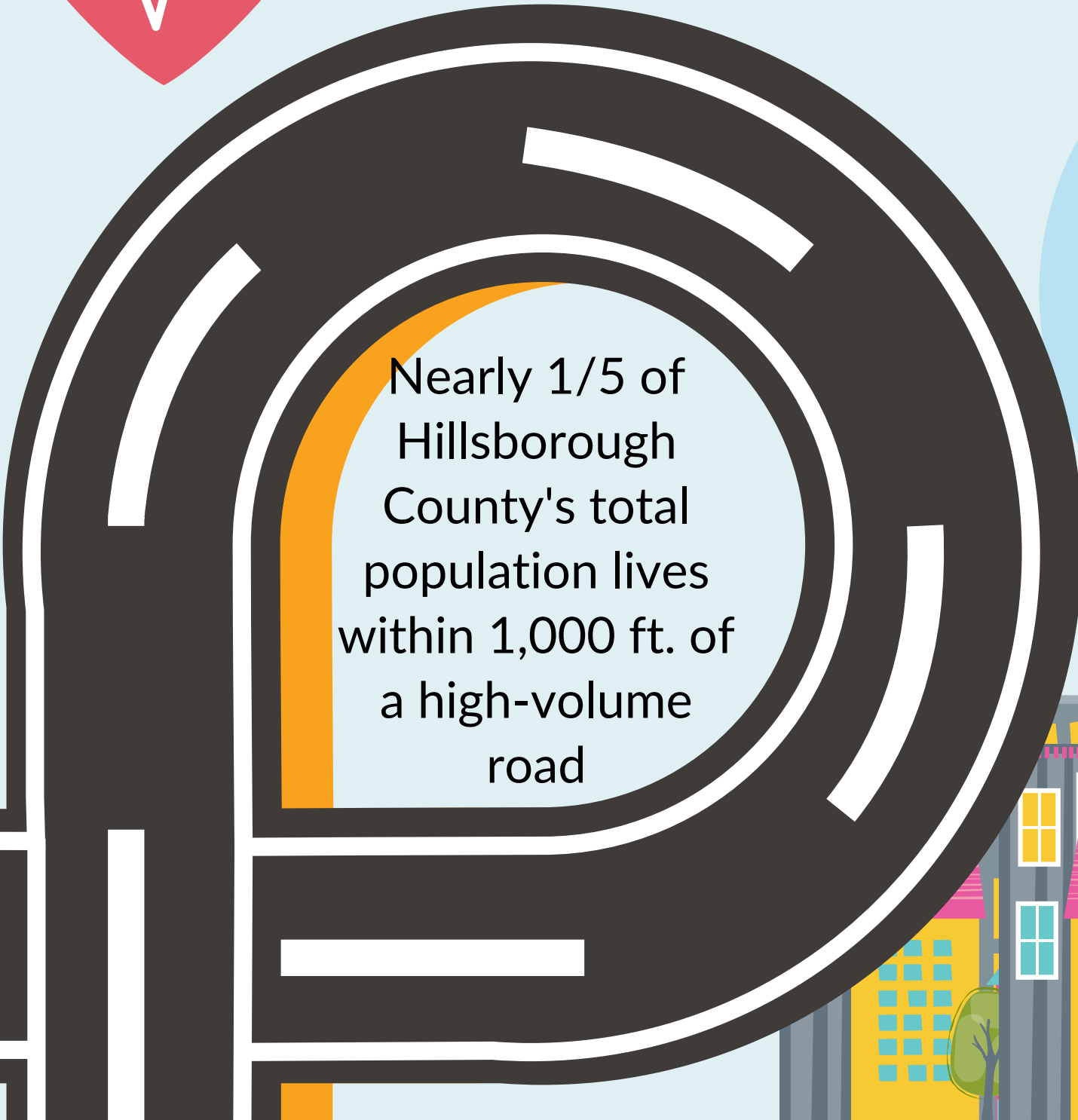


Explore the project page [tinyurl.com/TPOAirQuality](https://tinyurl.com/TPOAirQuality)

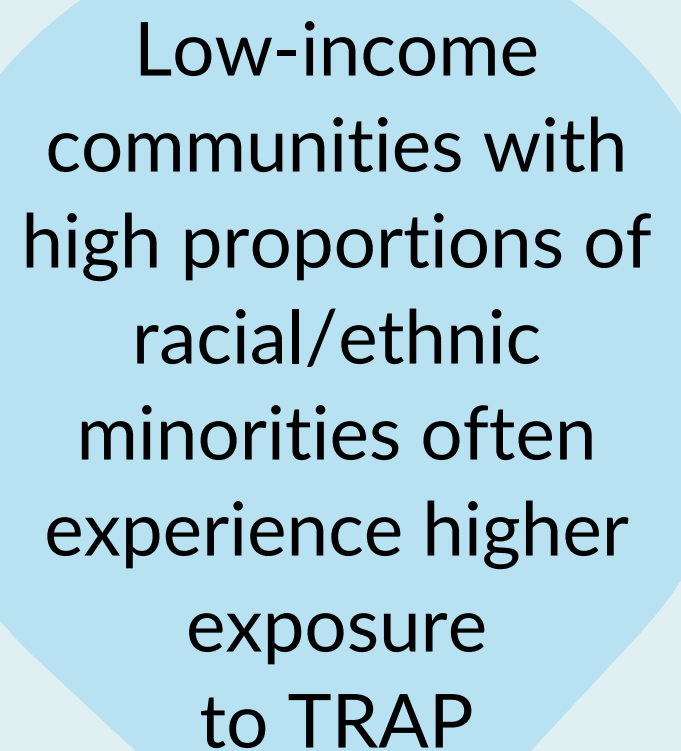


## Care about air?

- Air pollution **negatively impacts** our health and our environment
- Traffic-related air pollution (TRAP) **disproportionately affects** people who live, work, and attend school near high-volume roadways
- TRAP-related **health concerns:** increased rates of...
  - heart disease
  - respiratory illnesses, including asthma
  - infant mortality and adverse birth outcomes
  - premature death



Nearly 1/5 of Hillsborough County's total population lives within 1,000 ft. of a high-volume road



Low-income communities with high proportions of racial/ethnic minorities often experience higher exposure to TRAP