

Advancing Equity in Air Quality: A Local Perspective

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Louisville Metro Air Pollution Control District
NACAA Fall Meeting
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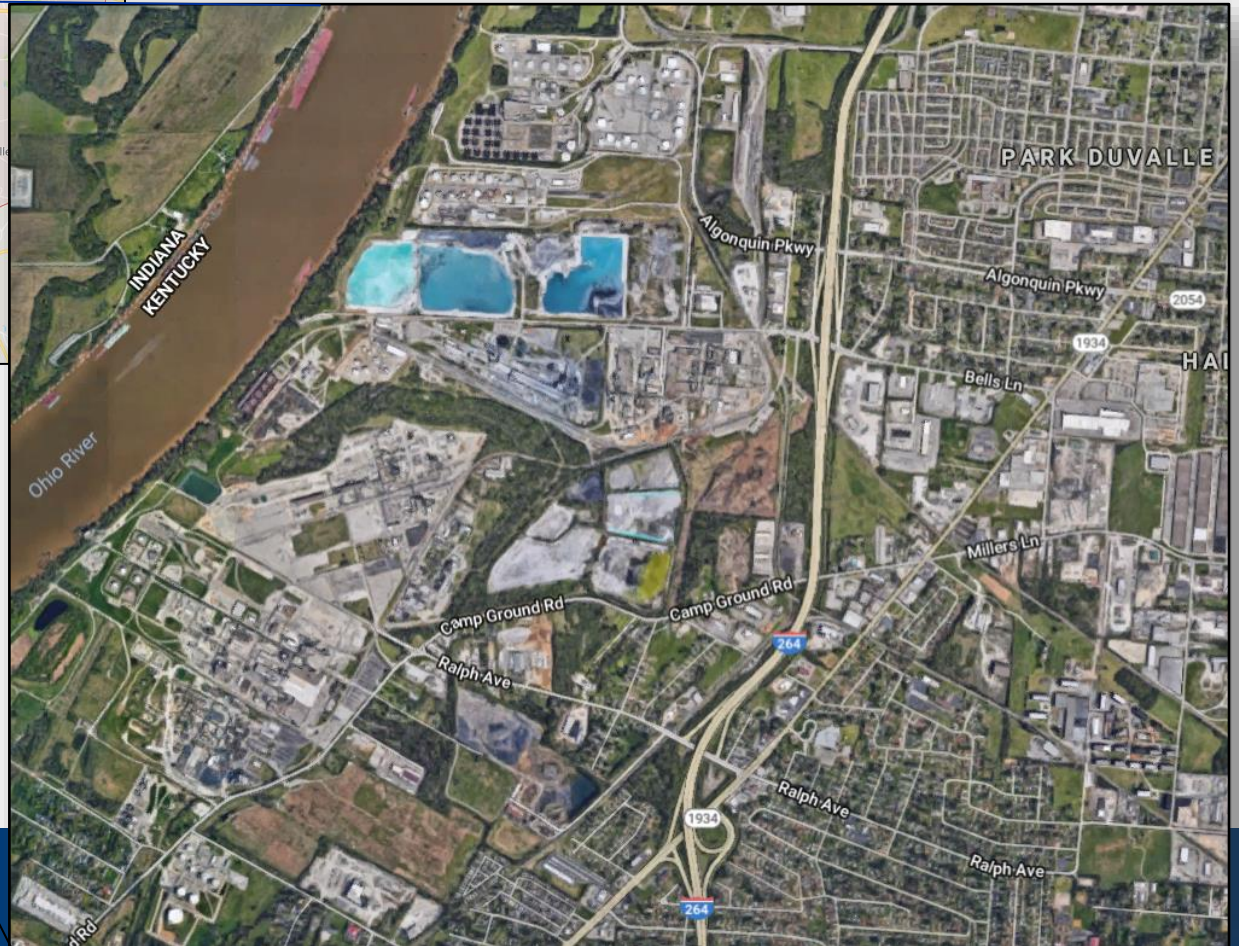
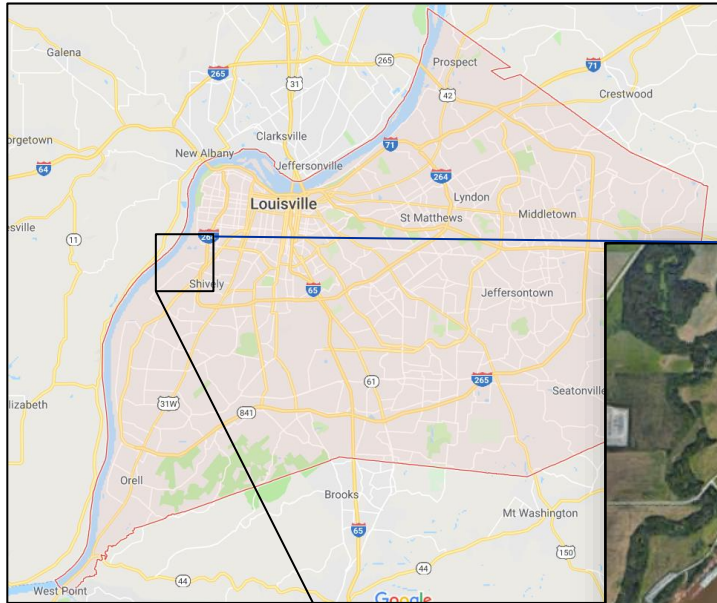


Rubbertown

- Industrial area located in West Louisville, KY
- **1918** – Formation of the Standard Oil Refinery; the facility set the stage for future industry in the area
- **World War II (1939-1945)** – West Louisville industrial area starts producing synthetic rubber for tires and other key components used during the war; area now called “Rubbertown”

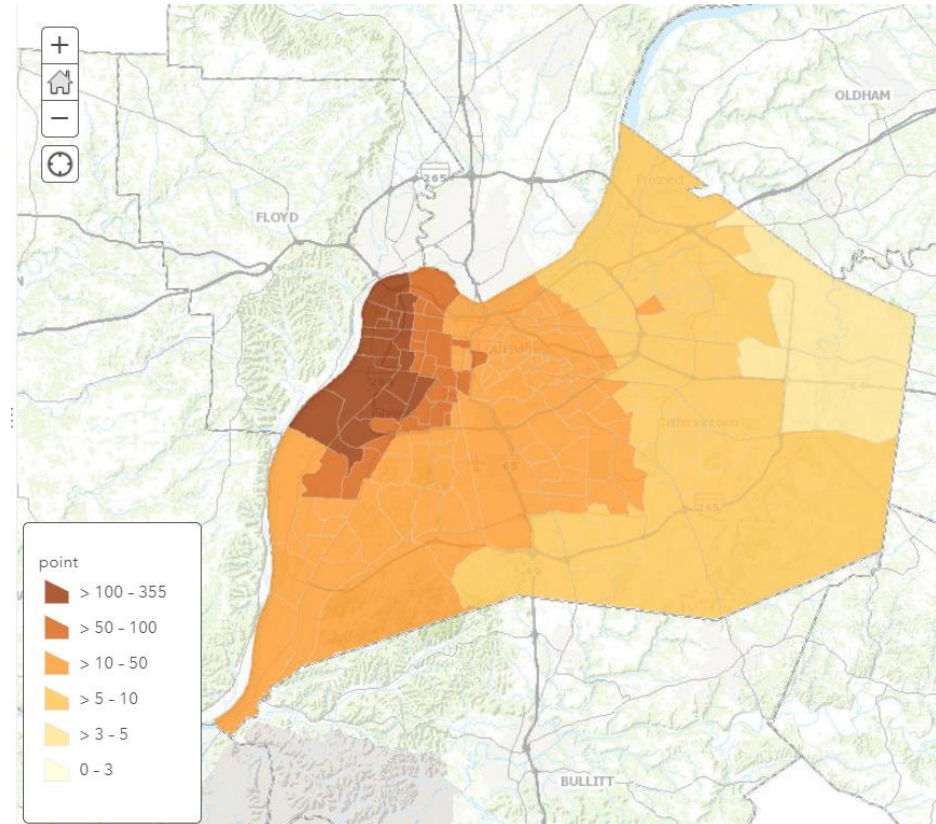
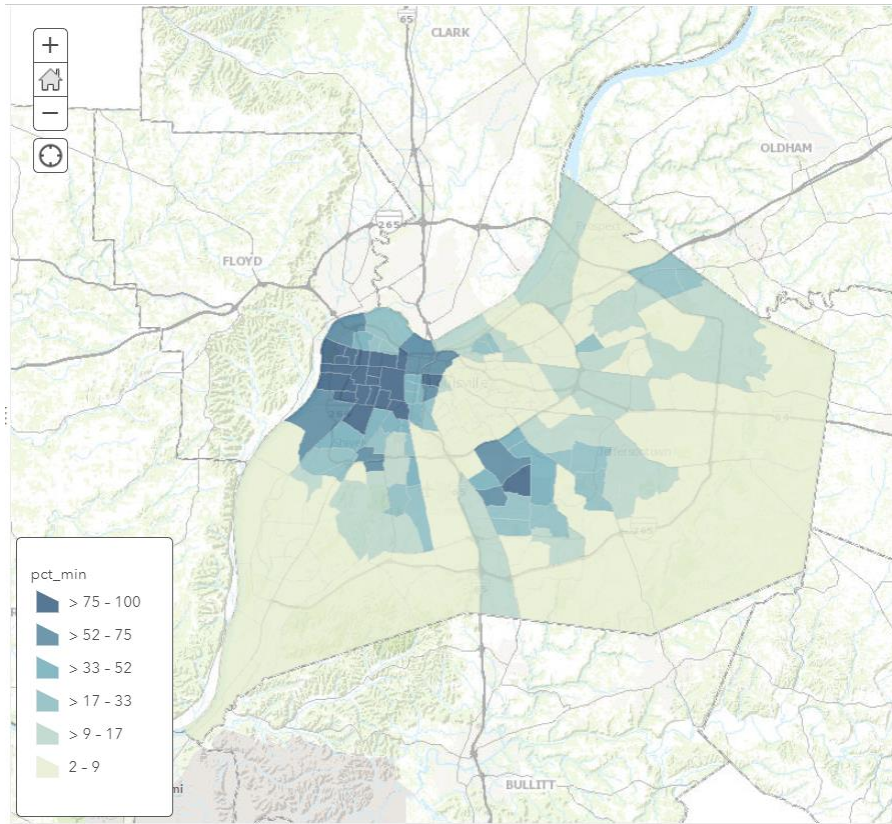


Rubbertown



EJ in Louisville

2000 Census Percent Minority v 2005 NATA Risk (in a million),
Point Sources



Data sourced from [EPA EJSCREEN](#) and the [National Air Toxics Assessment \(NATA\)](#) data tools.

Strategic Toxic Air Reduction Program Timeline

1996 - 2000

WJCCTF formed;
WJCCTF begins
hosting monthly
meetings

**Sept.
2004**

First
Draft
STAR
Program

**July
2005**

Adopted
STAR
Program

**2000 -
2003**

West
Louisville
Air Toxics
Study

**Jan.
2005**

Proposed
STAR
Program

**2005 -
Present**

Implementation

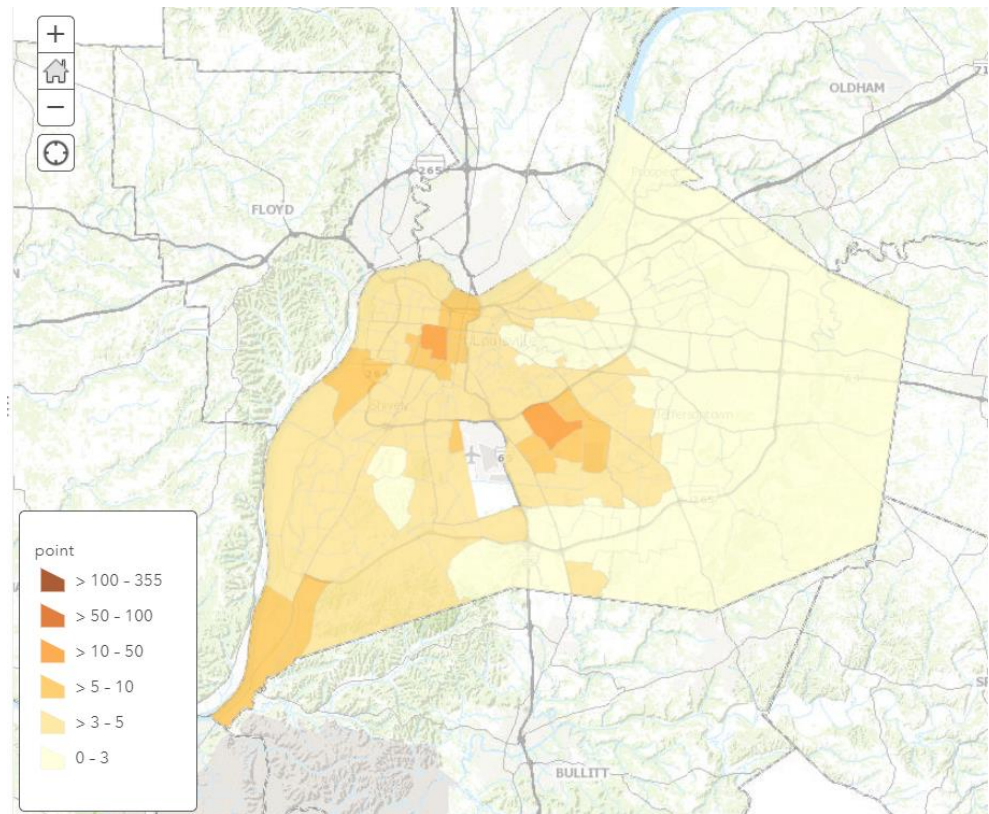
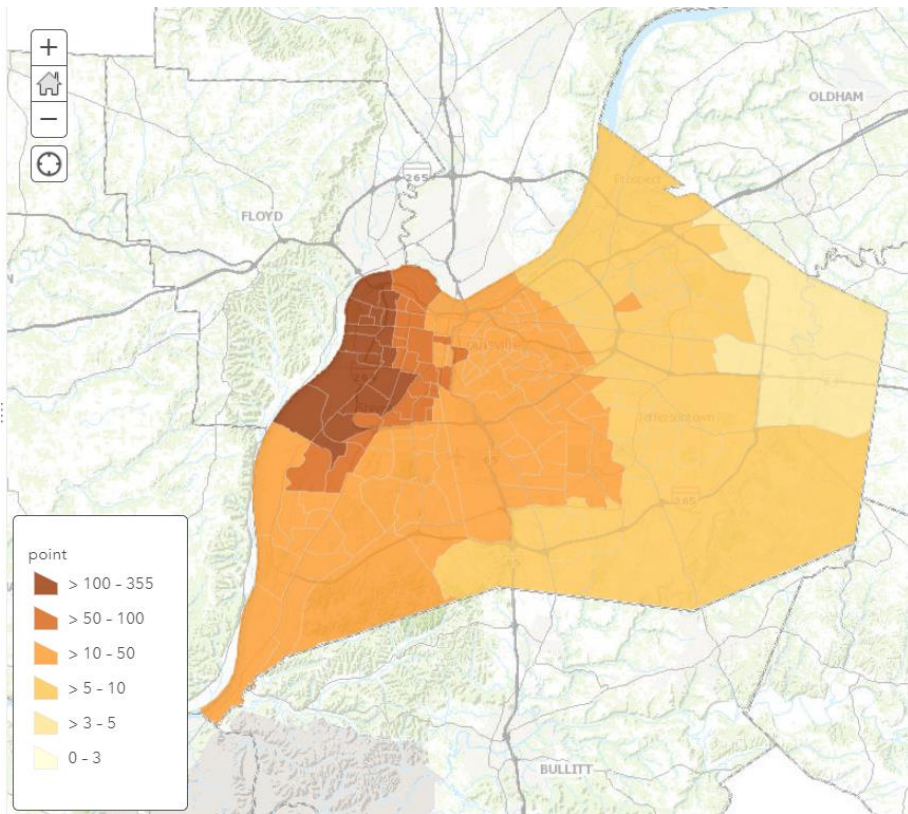
STAR Program Highlights

- Provides a framework for determining the environmental acceptability of toxics
- Requires APCD to assess and address other toxic emissions
- Requires companies to assess and address



Progress to Date

2005 v 2014 National Air Toxics Assessment – Point Sources



Where do we go to next?

Listen to our community

Look to the data

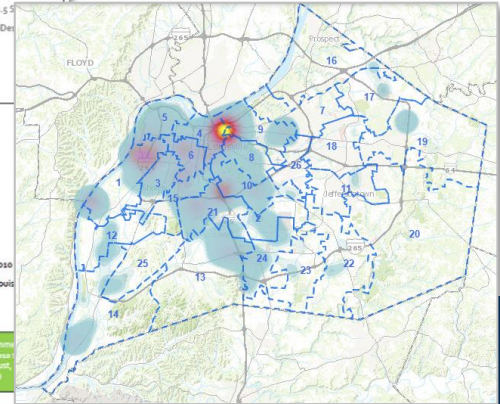
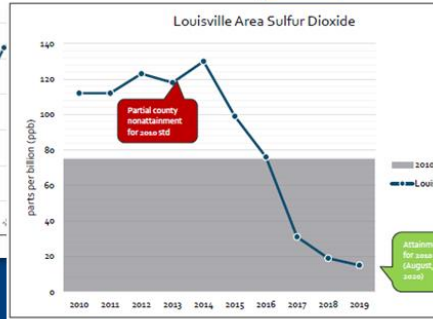
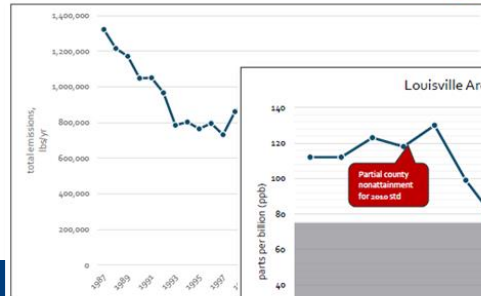
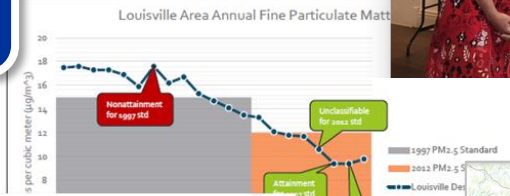


Figure 10 - Louisville Category 1 TAC Emissions in TSI

Multipollutant Stakeholder Group

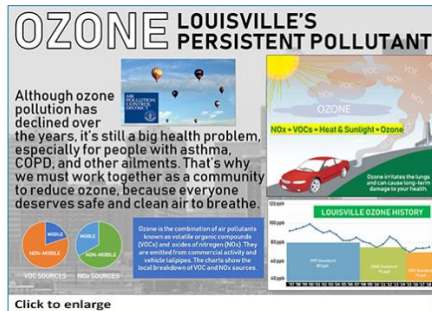
APCD Multipollutant Stakeholder Group

The APCD's Multipollutant Stakeholder Group is a community stakeholder group that will develop strategies to reduce air pollution in Louisville.

This group will discuss current air pollution challenges and glean recommendations for our community's next steps to improve local air quality and reduce health impacts from air pollution. As you may know, Louisville is currently not meeting the recently strengthened 8-hour Ozone National Ambient Air Quality Standard (NAAQS). Although our community has made great progress in reducing overall air pollution, ozone continues to be a major challenge.

The Multipollutant Stakeholder Group (MPSG) will also look at reducing fine particulate pollution and air toxics, which may provide co-benefits to the effort to reduce ozone. This is a departure from our past stakeholder convenings, in which only a single pollutant type was examined, but is in keeping with the current state of air quality planning needs and with our community's public health goals.

The group will bring together business officials from key sectors, community leaders, and relevant government, academia, and



MULTIPOLLUTANT STAKEHOLDER GROUP

Final Report
August 2020

 AIR POLLUTION CONTROL DISTRICT

701 West Ormsby Ave.
Louisville, Kentucky 40203

www.LouisvilleKy.gov/APCD

Example

Recommendations

- The District should investigate opportunities to enhance the official monitoring network.
 - ...ensure community involvement is integral to planning the enhanced monitoring network and when making plans for further analysis (e.g., California AB 617).
- The Louisville Metro Government should mandate the use and incorporation of environmental and health impacts in planning decisions such as those guided by the Comprehensive Plan.
- The District should provide recommendations for the next Health Equity Report focused on air impacts in vulnerable communities or at-risk populations.

POINT SOURCE
COMMITTEE



AREA SOURCE
COMMITTEE



MOBILE SOURCE
COMMITTEE



HEALTH COMMITTEE



OUTREACH & EDUCATION
COMMITTEE



Thank You



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