

# Improving Community Outreach and Conditions Through Crash Data

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Lorain County Public Health  
Lorain County, Ohio



**Safe  
Communities  
Coalition**

Lorain County



**Lorain County  
Public Health**

For the Health of Us All

# Objectives

- Showcase how community groups from different backgrounds can work together to make improvements as a result of local crash data.
- Demonstrate ways how local crash data can be used to inform decision making, implement change, and evaluate progress.
- Identify how different forms of coalition membership and community buy-in can influence change.



# Where We Are

Lorain County, Ohio

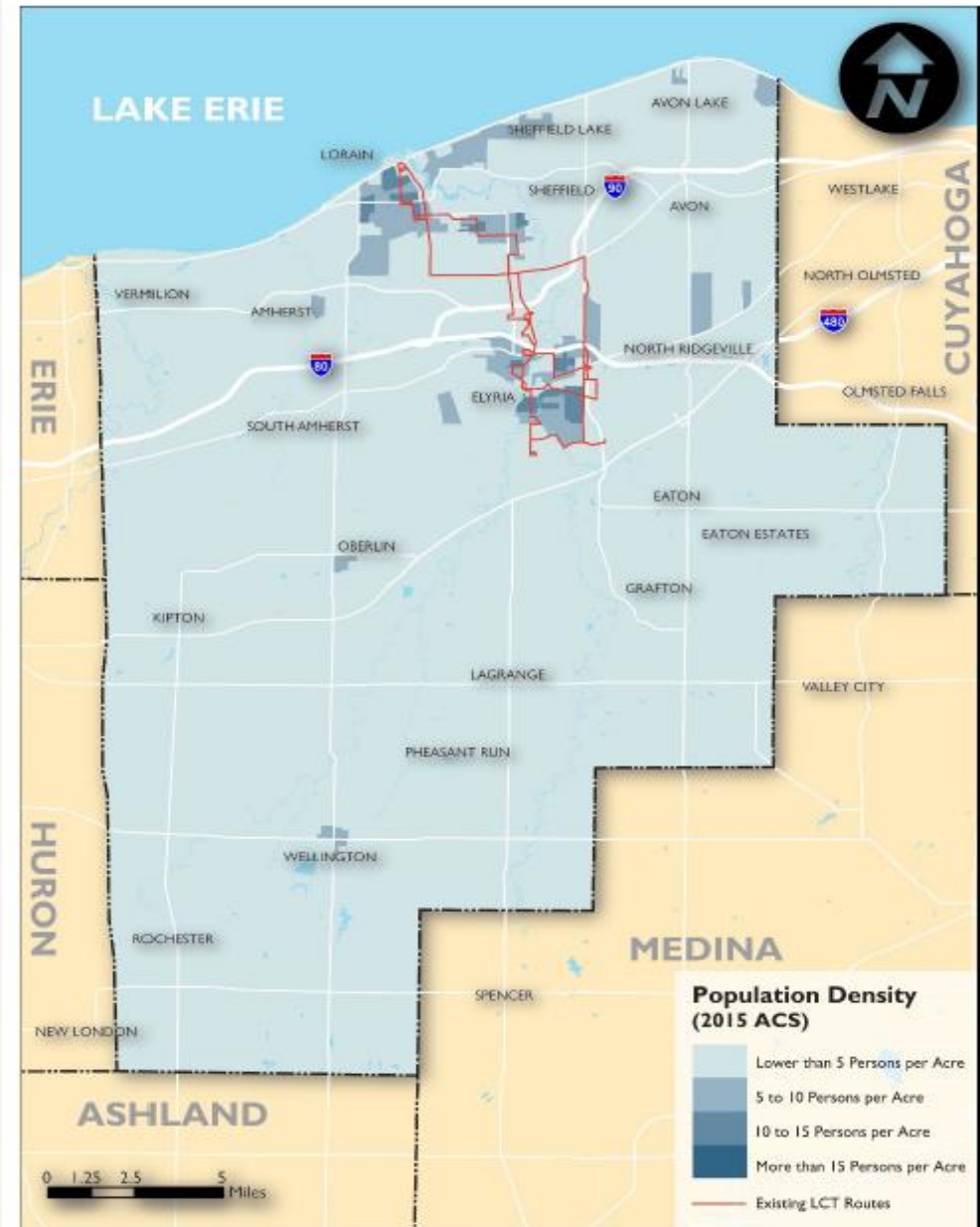
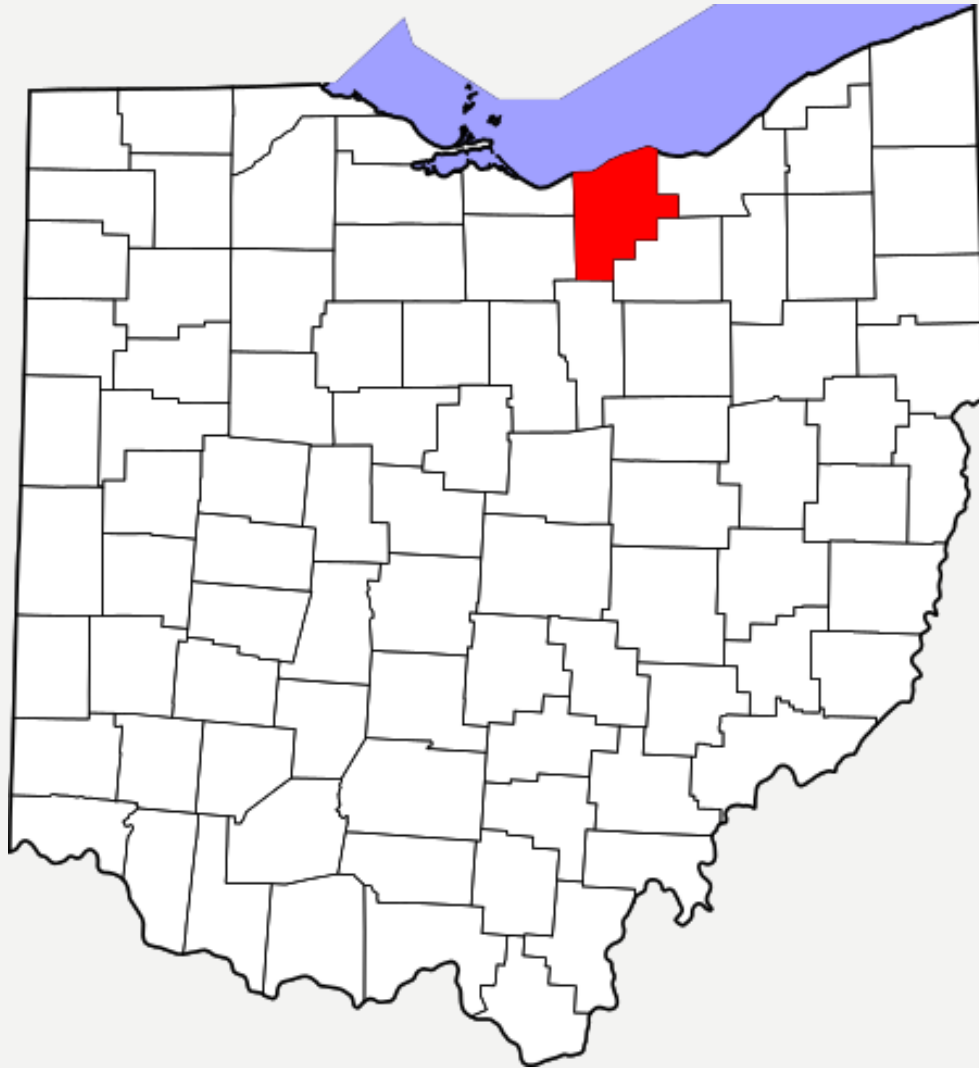


Figure 3: Population Density (2015)

*For nearly 30 years the Safe Communities Coalition (SCC) has worked to reduce injuries and deaths on Lorain County roads through community initiatives that involve engineering, enforcement and education.*



## **Safe Communities Coalition**

Lorain County





# Fatality Review Committee

*Reduce crash fatalities by targeting interventions through education, enforcement, and engineering.*



*This photo was taken in June 2018*



**Lorain County  
Public Health**

For the Health of Us All



Lorain Public  
**Library!**  
System



**LORAIN**   
  **connected**



United Way of  
Greater Lorain County



LORAIN COUNTY COMMUNITY ACTION AGENCY  
Helping People. Changing Lives.

**LORAINPROUD**





## Statewide Crashes

Select County

(All)

From Date (>=) To Date (<=)

1/1/2016 3/15/2021

## Crashes by County from OSTATS

Select Map

Crash Count

NCIC

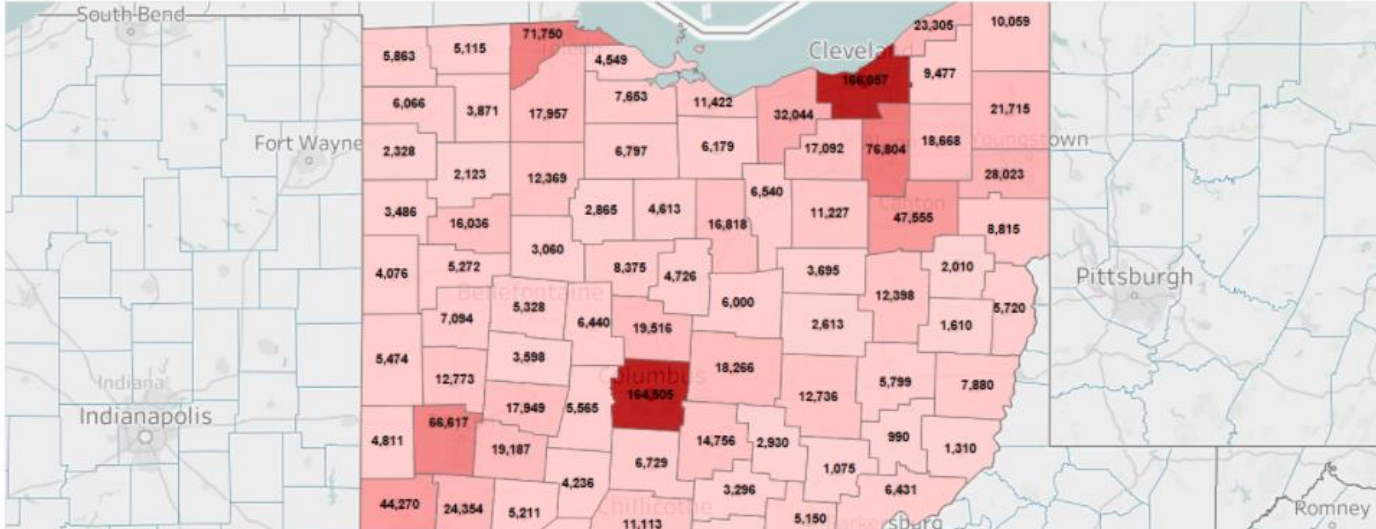
(All)

## Crash Variables

Alcohol-Related	57,825
Bicycle-Related	6,616
Buggy-Related	741
Commercial-Related	95,260
Deer-Related	94,453
Distracted-Related	67,740
Drug-Related	22,607
Failure To Yield-Related	199,889
Mature-Related	501,937
Motorcycle-Related	19,033
OVI-Related	70,571
Pedestrian-Related	13,695
Ran Red Light/Stop Sign...	66,692
School Bus-Related	6,003
Speed-Related	160,573
Teen-Related	210,950
Unbelted-Related	248,242
Work Zone-Related	27,049
Youth-Related	480,072

## Crashes by Hour

12 - 12:59 AM	2.0%
1 - 1:59 AM	1.5%
2 - 2:59 AM	1.5%
3 - 3:59 AM	1.2%
4 - 4:59 AM	1.1%
5 - 5:59 AM	1.7%
6 - 6:59 AM	3.1%
7 - 7:59 AM	5.4%
8 - 8:59 AM	4.6%
9 - 9:59 AM	3.8%
10 - 10:59 AM	3.9%
11 - 11:59 AM	4.7%
12 - 12:59 PM	5.6%
1 - 1:59 PM	5.5%
2 - 2:59 PM	6.5%
3 - 3:59 PM	7.9%
4 - 4:59 PM	8.2%
5 - 5:59 PM	8.3%
6 - 6:59 PM	6.3%
7 - 7:59 PM	4.6%
8 - 8:59 PM	3.8%
9 - 9:59 PM	3.5%
10 - 10:59 PM	2.9%
11 - 11:59 PM	2.3%



© 2021 Mapbox. © OpenStreetMap

## Crashes by Month and Year

	January	February	March
2016	26,018	24,526	22,177
2017	25,128	20,782	24,826
2018	29,264	22,117	24,370
2019	25,956	21,553	21,861
2020	22,941	23,397	15,735
2021	17,894	16,145	4,751
Grand Total	147,201	128,520	113,720

## TIMS

TRANSPORTATION  
INFORMATION  
MAPPING SYSTEM

Project Search

Create a Map

Data Download

Standard PDF Maps

Map Viewers

Data Glossary

Search by PID

distance value and select a unit of measure. Then click **Buffer** to complete.

that intersect graphic type:

point

buffer graphic:

250 feet

Draw Delete

Search Clear

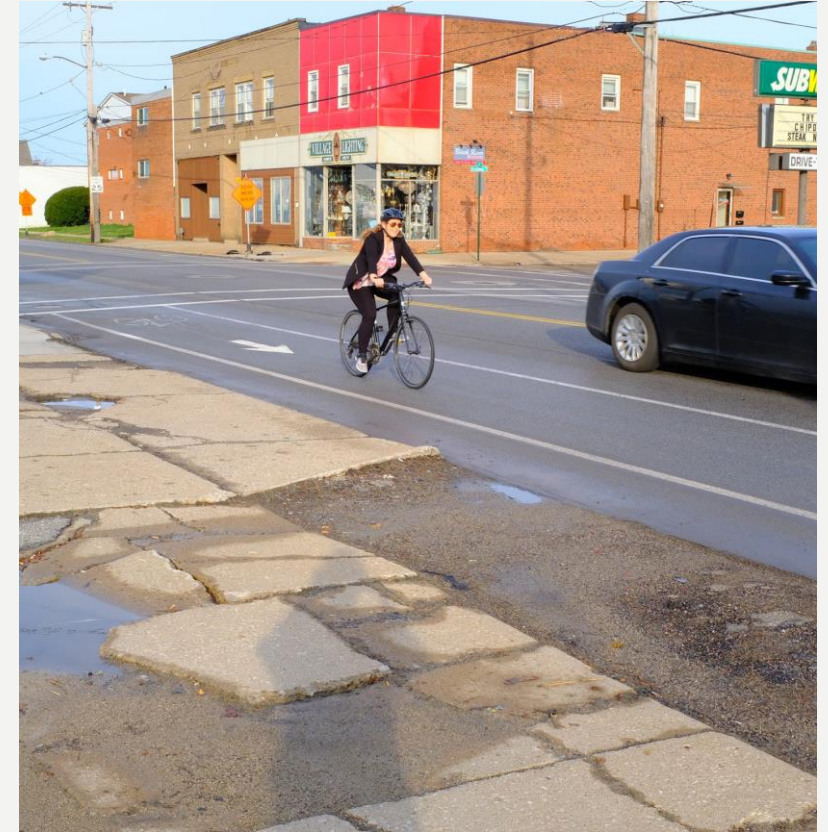




# Making Positive Change



*Route 83 & 303  
Grafton Township, OH*



*Lake Road  
Lorain, OH*



# BE SAFE walking.



## 1 USE SIDEWALKS

If there is no sidewalk, walk facing traffic & as far from traffic as possible.



## 1 CROSS SAFELY

Cross streets at crosswalks or intersections, where drivers expect pedestrians. Look for cars in all directions.



## 1 LOOK OUT

Watch for cars entering or exiting driveways or backing up in parking lots.



## 1 BE SEEN AT ALL TIMES

Wear bright colored clothing during the day & reflective gear at night.

Almost 200 pedestrians have been injured or killed by vehicles in Lorain County in the last 5 years.

Funded by U.S. DOT/NHTSA and ODPS

# NEVER TOGETHER alcohol and driving



In 2017, 38% of fatal crashes in Lorain County were alcohol-related.



TIME is the only thing that makes you sober up enough to drive safely.

## Make every ride safe



Order a ride using an app or call a taxi.

Ask a friend to be the designated driver.

LorainCountyHealth.com

11/18 Funded by U.S.DOT/NHTSA  
Data from Transportation Information Mapping System



in LORAIN COUNTY

 **73** people **died** on the roads 2014-2016  
**#1** cause of these deaths was **alcohol**

ALCOHOL + DRIVING KILLS, INJURES,  
AND COSTS \$...

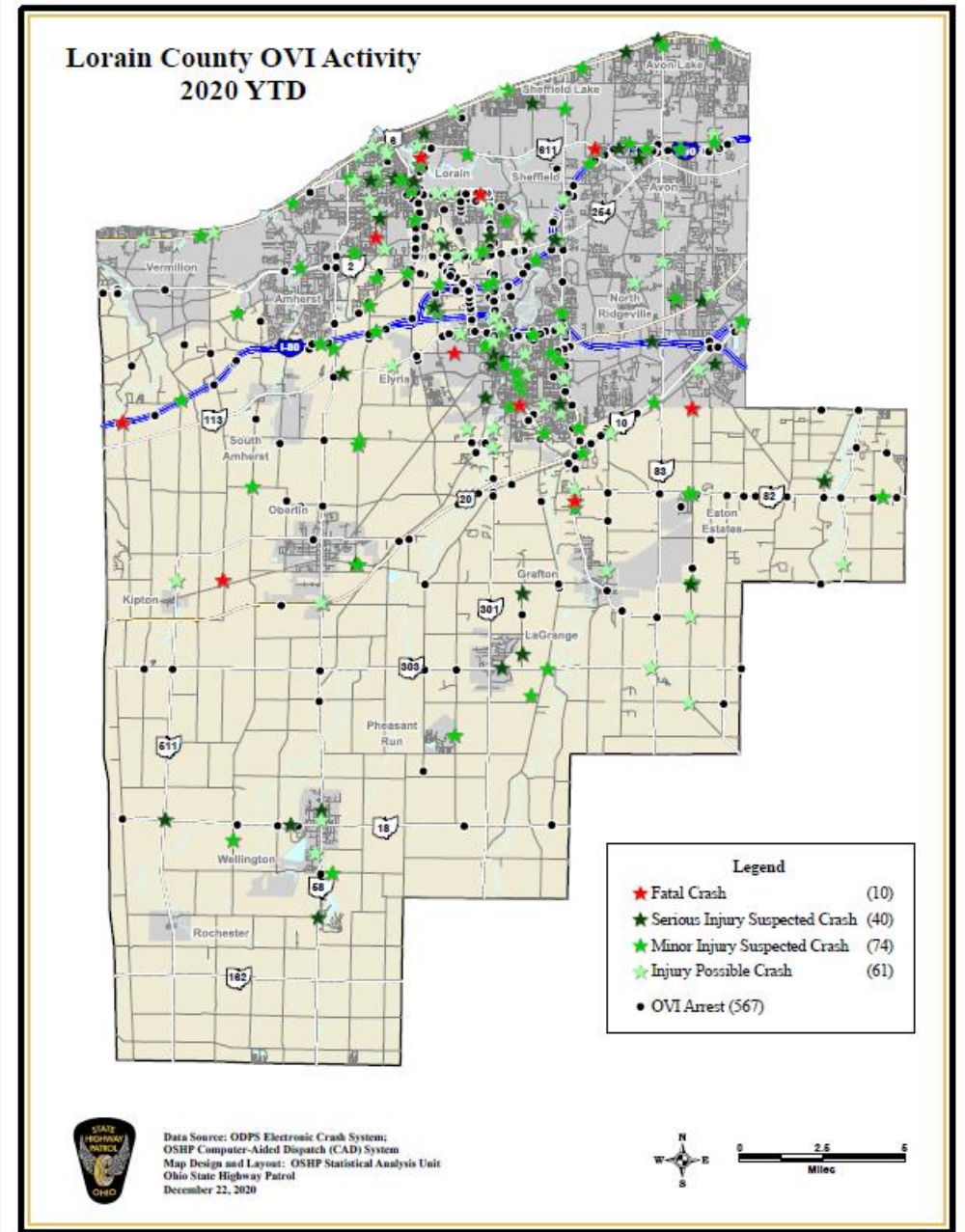
476 crashes involved alcohol

-  **fines, legal fees, car insurance & repairs**
- 259 of these crashes caused injuries

 **medical bills, physical therapy, loss of work**

**%100** of these injuries & deaths were **preventable.**

# Using data to make our communities safer





# THANK YOU!

**Kat Evers Solove**

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