FGF

HEALTH CONDITIONS/RISKS

DATA REPORT

DSUID#5355

WILMAPCO

BACKGROUND

Social Determinants of Health (SDOH)

- Socio-economic conditions that impact health
- 2019 Data Report
- Factor in project prioritization

Health risk/conditions data

- Now available on PolicyMap
- Obesity rates, physical activity, asthma, reported health, etc.
- Obtained through Healthy Communities Delaware

BACKGROUND

SDOH vs. health data

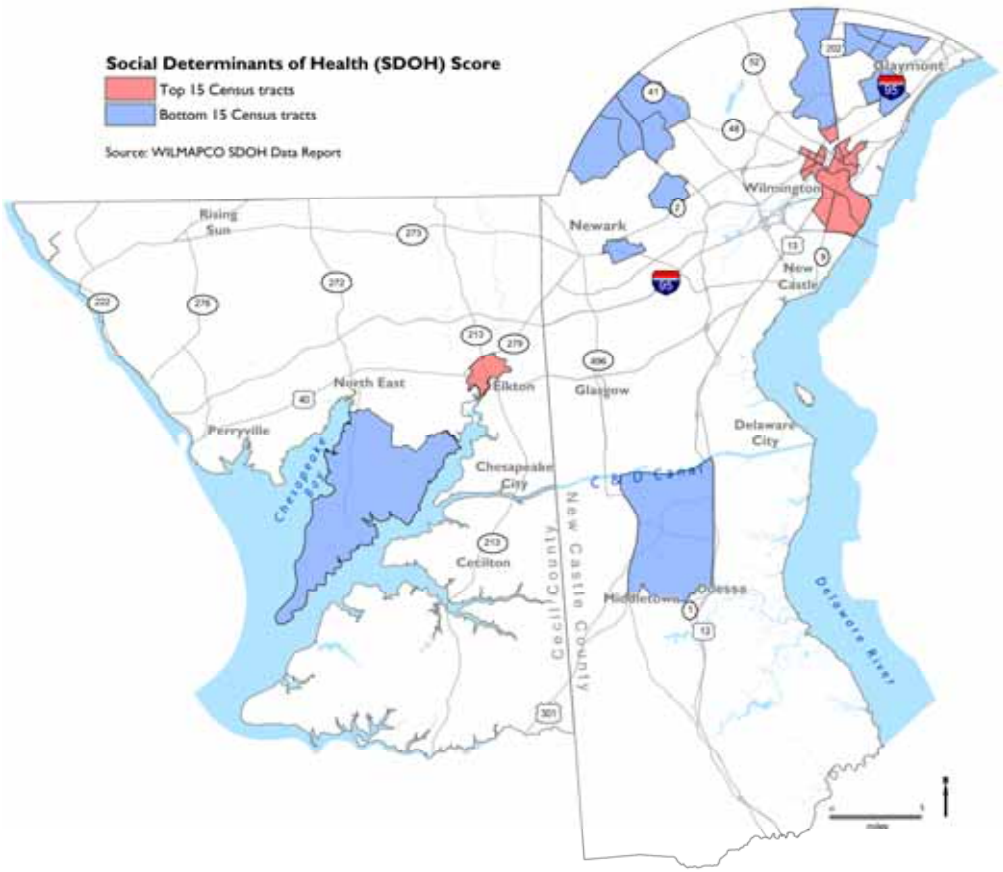
SDOH vs. Social Vulnerability Index (SVI)

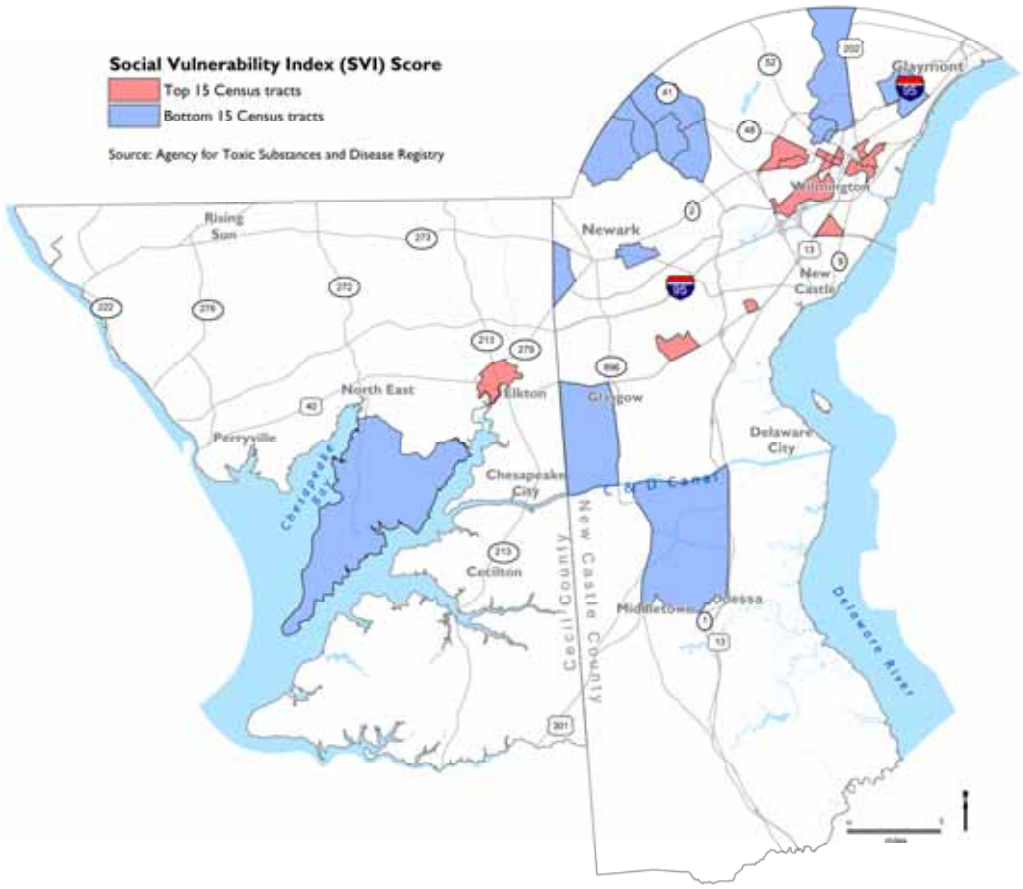
Health data vs. transportation & land use conditions

SOCIAL DETERMINATES OF HEALTH

SOCIAL VULNERABILITY INDEX

SDOH (WILMAPCO, 2019)	SVI (CDC, 2018)
Poverty	Poverty
Education	Education
Minority segregation	Minority segregation
Employment	Employment
Single parents	Single parents
Homeownership	*Income*
Time-in-residence	*Children*
Food deserts	*Limited English*
	Seniors
	Disabled
	Multi-units
	Mobile homes
	Crowding
	No vehicle
	Group quarters


Social Determinants of Health (SDOH) Score
Top 15 Census tracts
Bottom 15 Census tracts
Source: WILMAPCO SDOH Data Report
Rising Sun
Newark
Wilmington
Claymont
New Castle
North East
Elkton
Glasgow
Perryville
Chesapeake City
C & D Canal
Delaware City
Cecilton
Middletown
Odessa
Cecil County
New Castle County
Chesapeake Bay
Delaware River


Social Vulnerability Index (SVI) Score
Top 15 Census tracts
Bottom 15 Census tracts
Source: Agency for Toxic Substances and Disease Registry
Rising Sun
Newark
Wilmington
Claymont
New Castle
North East
Elkton
Glasgow
Perryville
Chesapeake City
C & D Canal
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Middletown
Odessa
Cecil County
New Castle County
Chesapeake Bay
Delaware River

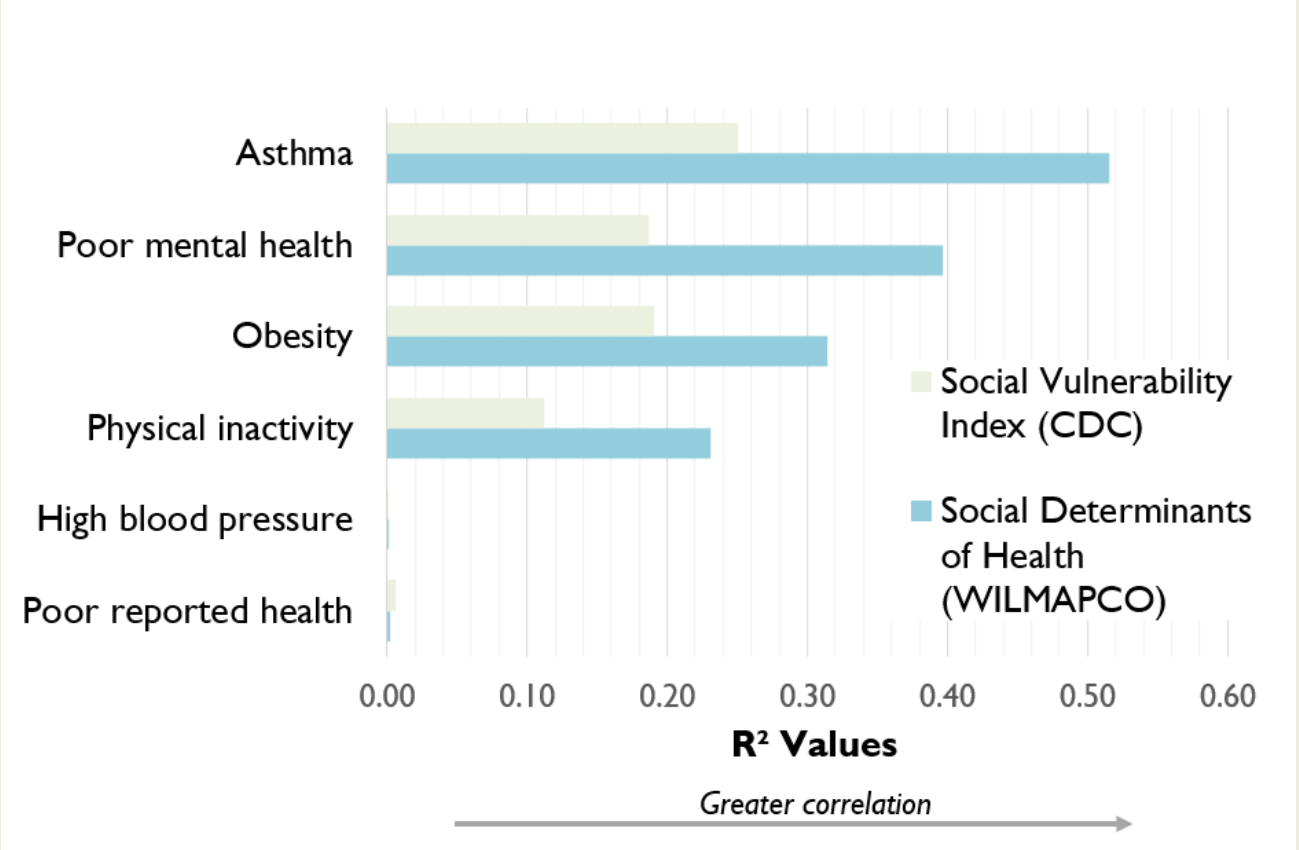
WILMAPCO

SDOH/SVI CORRELATION WITH HEALTH RISKS & CONDITIONS

WILMAPCO REGIONAL CENSUS TRACTS

Data: PolicyMap - March 2021

- Estimated percent of adults reporting fourteen or more days of poor health in the past 30 days
- Estimated percent of adults ever diagnosed with high blood pressure
- Estimated percent of adults reporting to be obese (a body mass index greater than 30)
- Estimated percent of adults reporting to have asthma in 2018
- Estimated percent of adults reporting fourteen or more days of poor mental health in the last 30 days
- Estimated percent of adults reporting to be physically inactive in the last 30 days



SDOH/SVI CORRELATION W/ HEALTH RISKS & CONDITIONS

Data: PolicyMap - March 2021

- Estimated percent of adults reporting fourteen or more days of poor health in the past 30 days
- Estimated percent of adults ever diagnosed with high blood pressure
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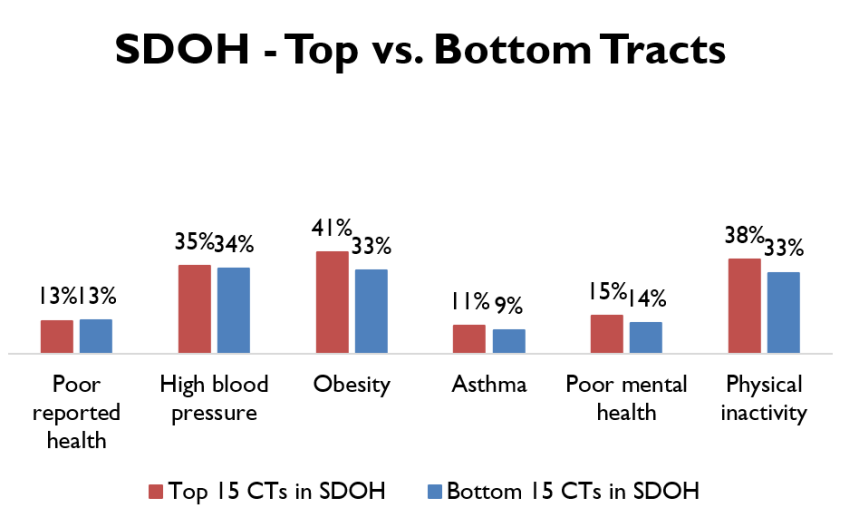
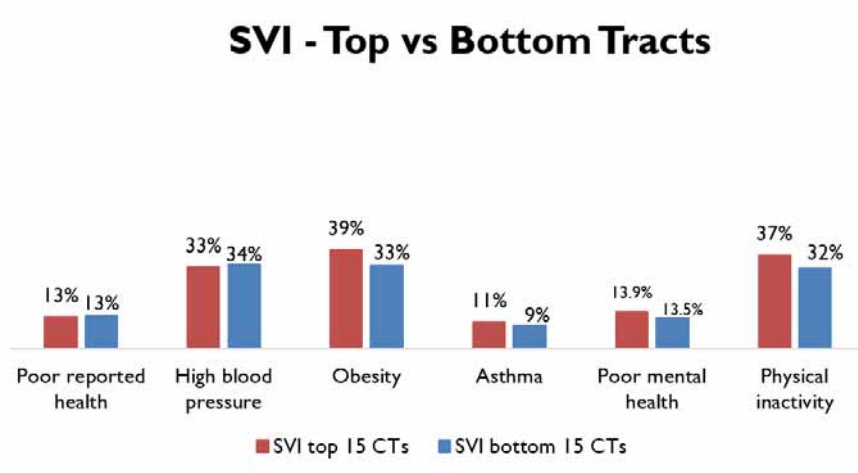




ASTHMA

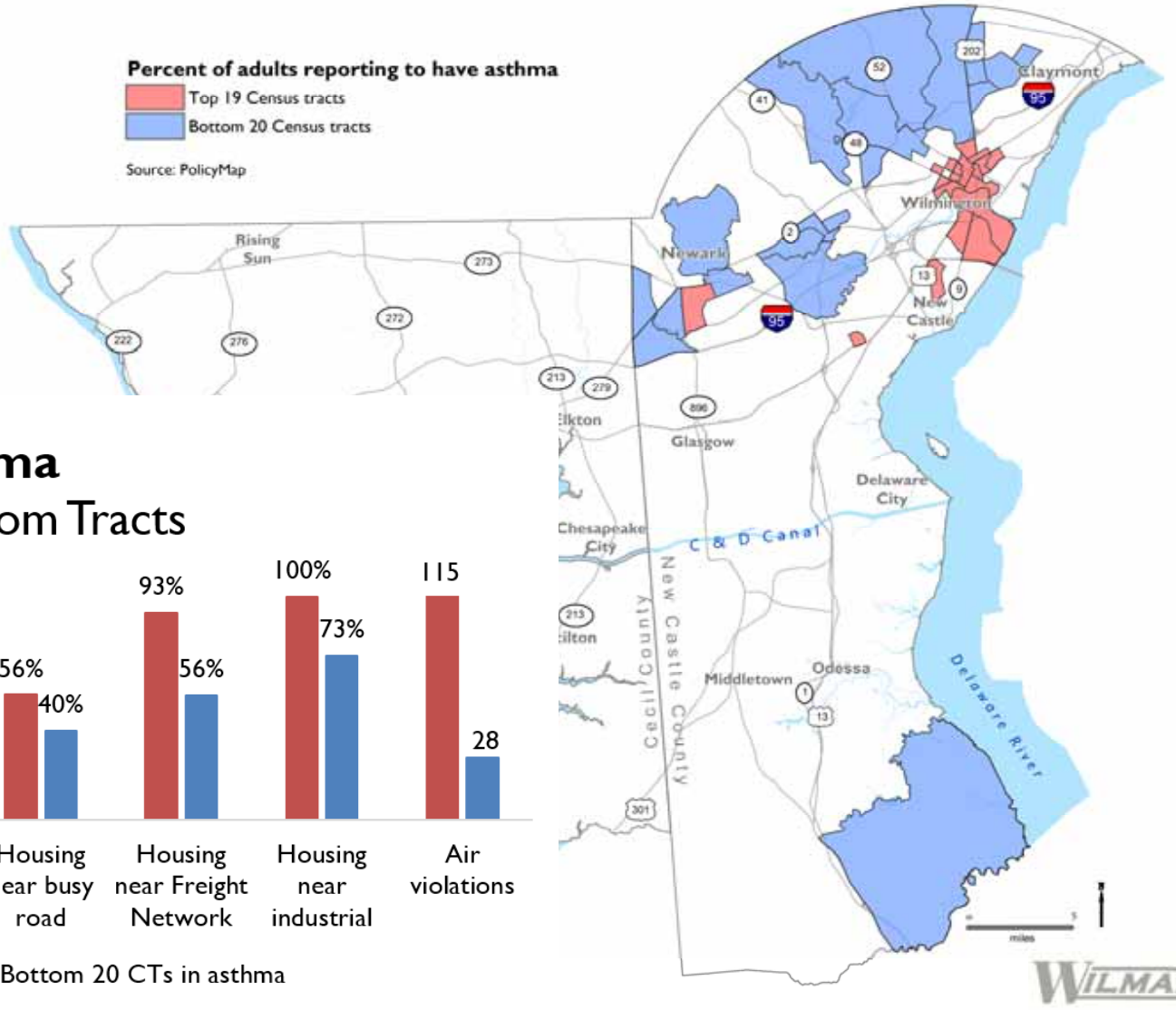
Data: PolicyMap - March 2021

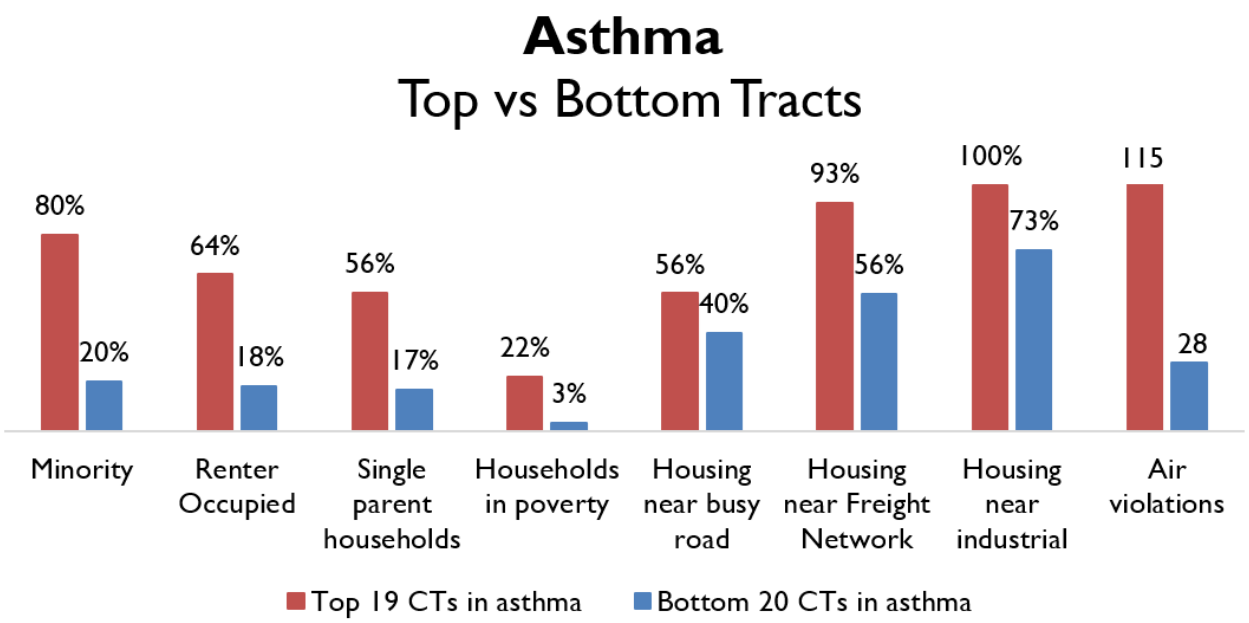
- Estimated percent of adults reporting to have asthma in 2018

REGIONAL RANGE

Census Tract w/Least Asthma	Census Tract w/Most Asthma
8.6%	**12.7%**

Data: ACS 2015-2019, DNREC, MDE, Clean Air Council, DelDOT/MDOT, WILMAPCO, State of Delaware, Cecil County and PolicyMap (Asthma in 2018)



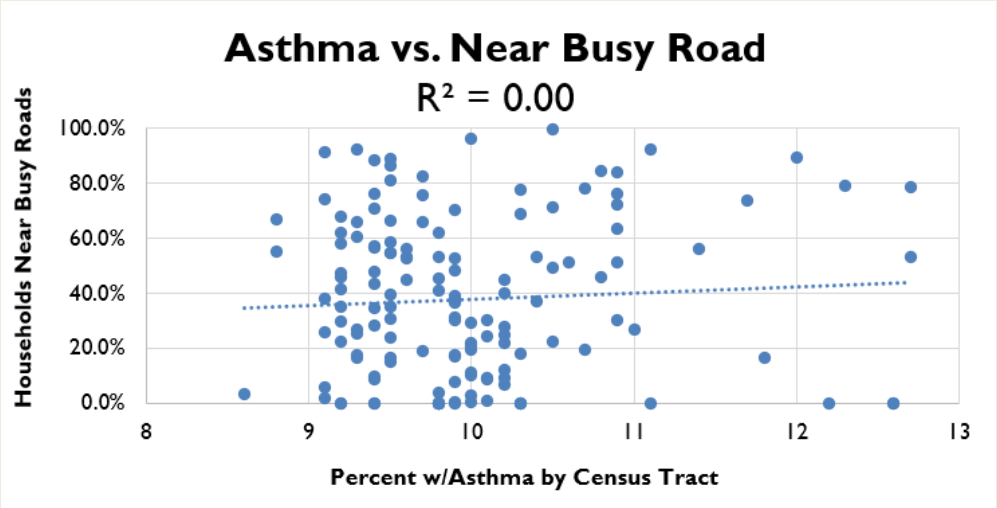


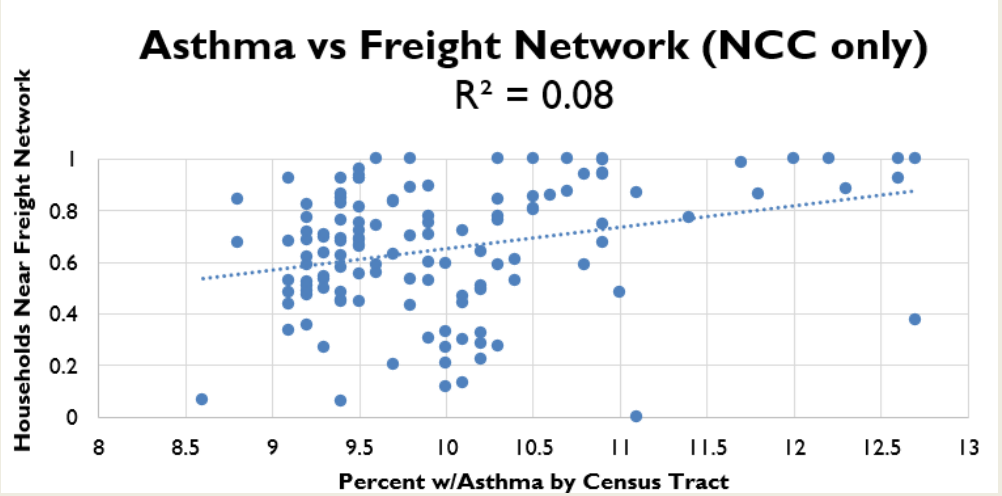
ASTHMA

Data: DelDOT, MDOT and WILMAPCO

PolicyMap - March 2021

- Estimated percent of adults reporting to have asthma in 2018



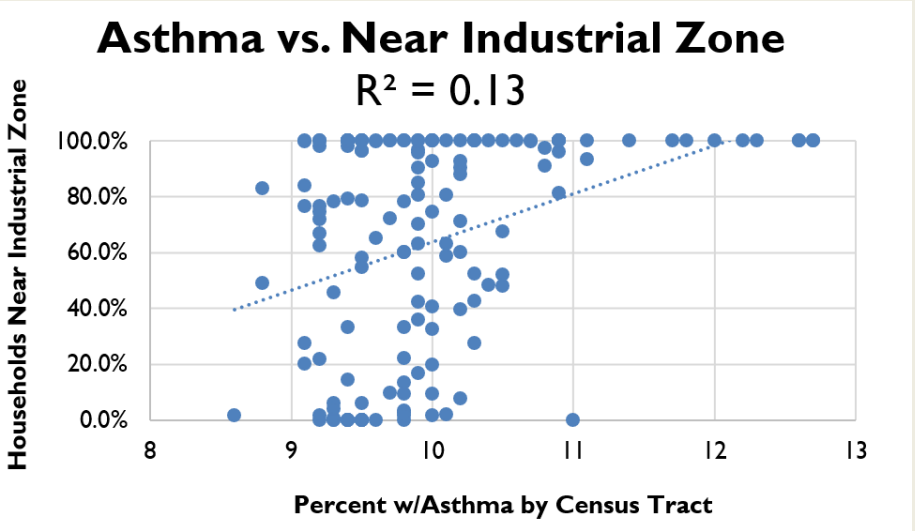


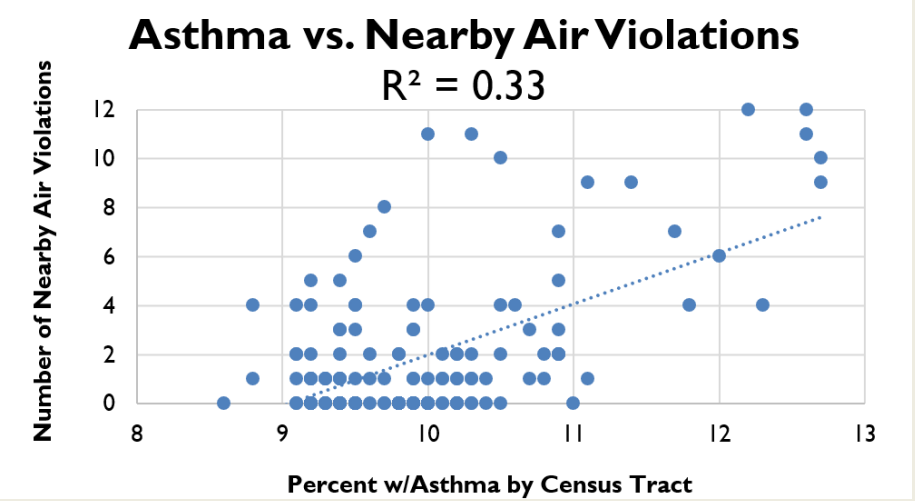
ASTHMA

Data: State of Delaware, Cecil County, DNREC, MDE, Clean Air Council

PolicyMap - March 2021

- Estimated percent of adults reporting to have asthma in 2018





PHYSICAL INACTIVITY

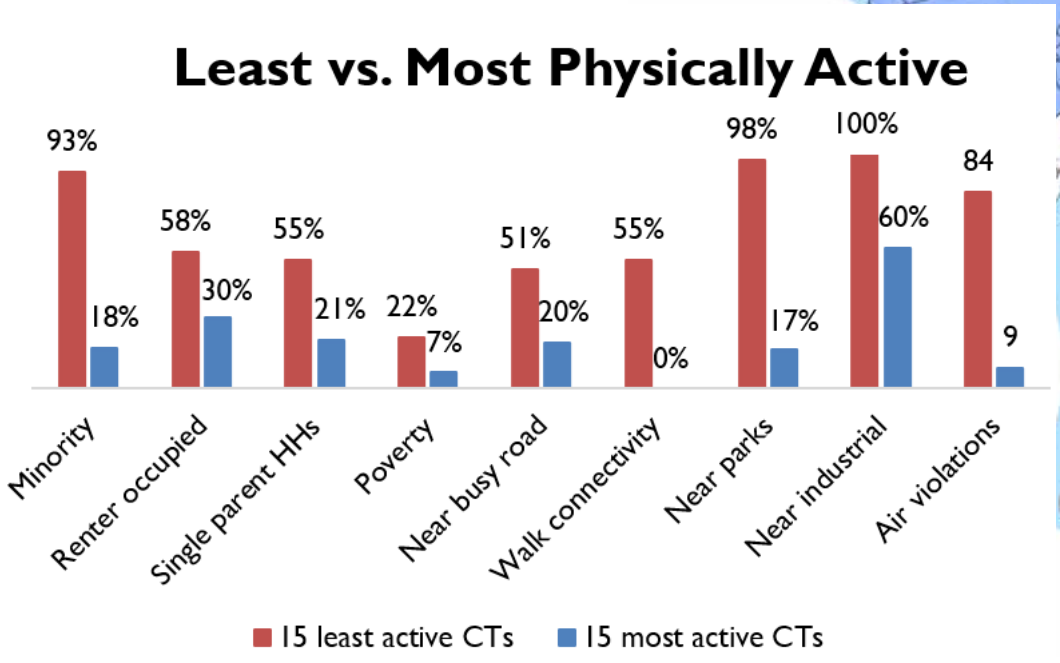
Data: PolicyMap - March 2021

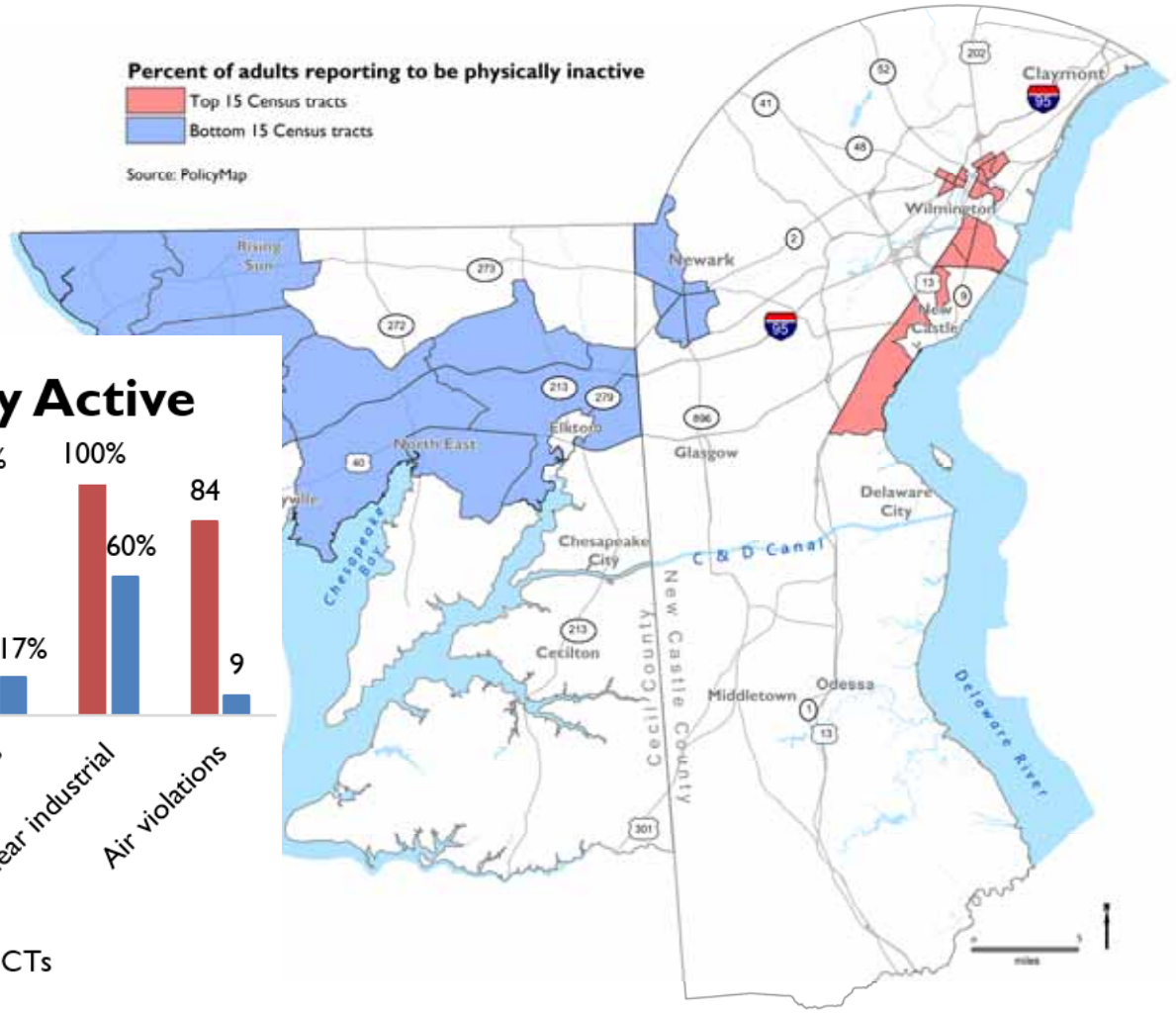
- Estimated percent of adults reporting to be physically inactive in the last 30 days

REGIONAL RANGE

Census Tract w/Least Inactivity	Census Tract w/Most Inactivity
24%	**41%**

Data: ACS 2015-2019, DNREC, MDE, Clean Air Council, DelDOT/MDOT, WILMAPCO, New Castle County, City of Wilmington, State of Delaware, Cecil County and PolicyMap (Physical Inactivity)



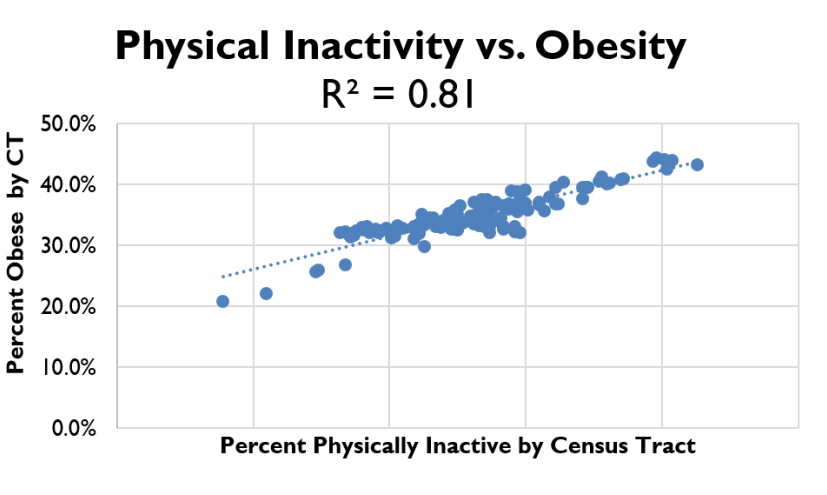


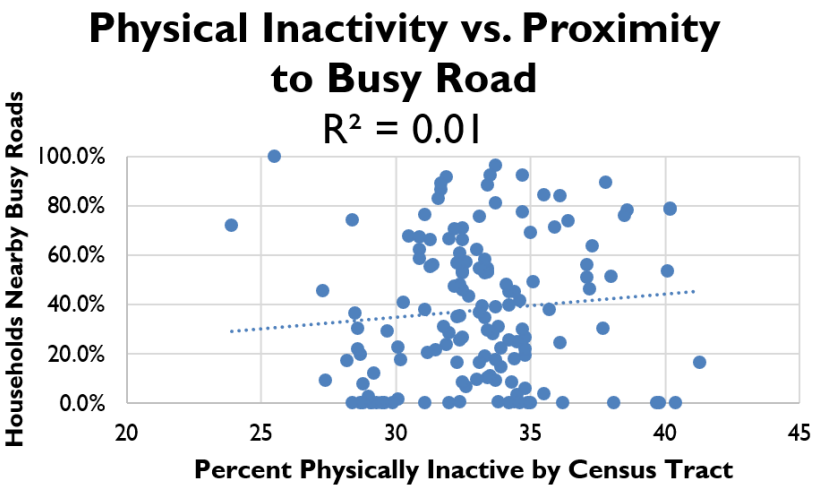
PHYSICAL INACTIVITY

Data: DelDOT and MDOT

PolicyMap - March 2021

- Estimated percent of adults reporting to be physically inactive in the last 30 days
- Estimated percent of adults reporting to be obese (a body mass index greater than 30)



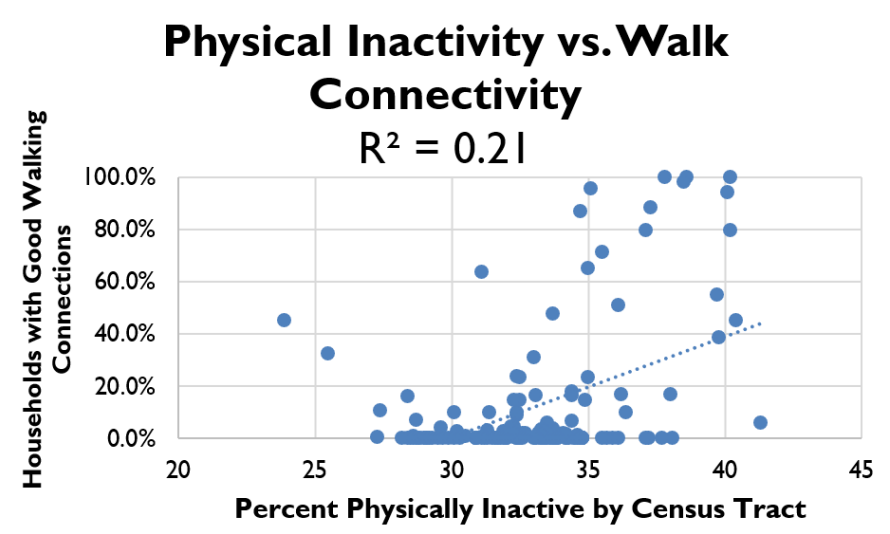


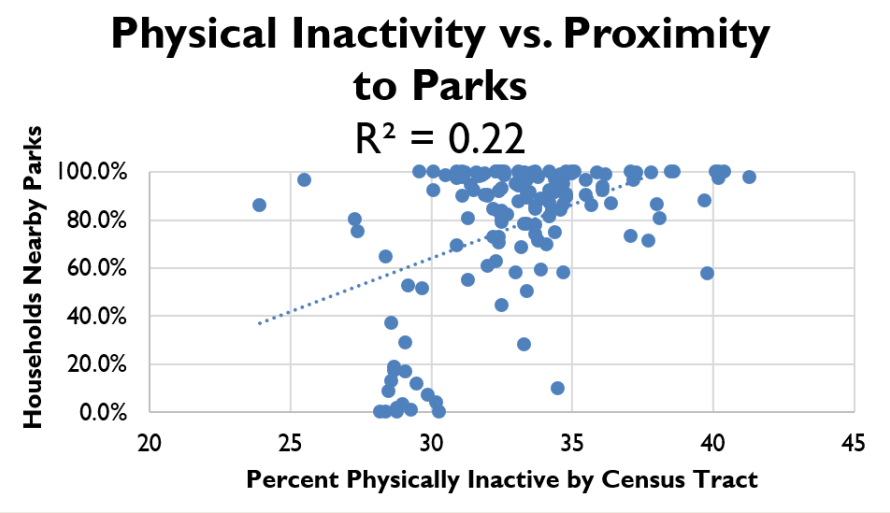
PHYSICAL INACTIVITY

Data: WILMAPCO, New Castle County, City of Wilmington, Cecil County

PolicyMap - March 2021

- Estimated percent of adults reporting to be physically inactive in the last 30 days

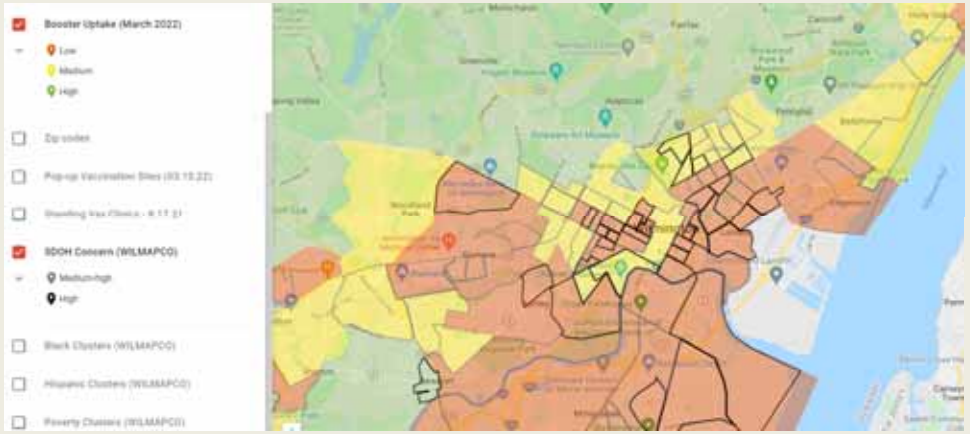




TAKEAWAYS & NEXT STEPS

Social Determinants of Health (SDOH) Index

- Solid resource for public health/planning
- Can strengthen further w/measurement to new health risk and conditions data



Wilmington COVID-19 Community Response Group