

Better Health Partnership Children's Health Report



Virtual Annual Report to the Community-2020
1st in a Series

July 30, 2020

Welcome!

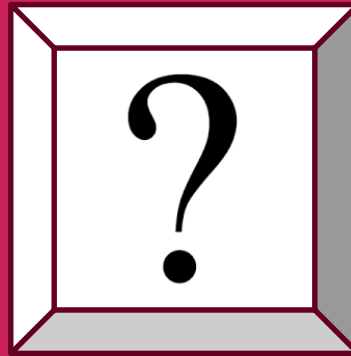
Donald Ford, MD

Chief Medical Officer
Better Health Partnership

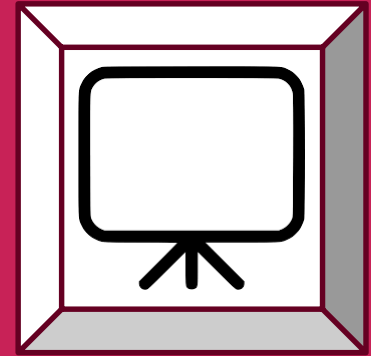
Before we begin...



Everyone will be muted.



Submit your questions via the "Chat" window.



Presentations will be posted on our website.

We will do Q & A at the end.



Working together
since 2007....

to collectively
improve health
and reduce health
disparities



Vision

Northeast Ohio is one of the healthiest places to live and best places to do business



Mission

We bring health care providers, social services, and other sectors together, to share best practices and accelerate data-informed improvements in equitable population and community health.

Better Health Partnership's Population Health Improvement Priorities

Better Health Partnership's Health Improvement Priorities: “Twinkle to Wrinkle”

**Infant &
Maternal Health
(2018 - present)**

Extreme Prematurity

**Children's
Health
(2016 - present)**

Obesity, Asthma

Mental/Behavioral
Lead Exposure

**Adult Health
(2007 - present)**

Hypertension
Diabetes
Colorectal Cancer
Screening

2020-2022 State Health Improvement Plan (SHIP) framework

Equity

Health equity is achieved when all people in a community have access to affordable, inclusive and quality infrastructure and services that, despite historical and contemporary injustices, allows them to reach their full health potential.

Priorities

The SHIP identifies three priority factors and three priority health outcomes that affect the overall health and well-being of children, families and adults of all ages.

What shapes our health and well-being?

Many factors, including these
3 SHIP priority factors*:

Community conditions

- Housing affordability and quality
- Poverty
- K-12 student success
- Adverse childhood experiences

Health behaviors

- Tobacco/nicotine use
- Nutrition
- Physical activity

Access to care

- Health insurance coverage
- Local access to healthcare providers
- Unmet need for mental health care

How will we know if health is improving in Ohio?

The SHIP is designed to track and improve these
3 SHIP priority health outcomes:

Mental health and addiction

- Depression
- Suicide
- Youth drug use
- Drug overdose deaths

Chronic disease

- Heart disease
- Diabetes
- Childhood conditions (asthma, lead)

Maternal and infant health

- Preterm births
- Infant mortality
- Maternal morbidity

All Ohioans achieve their full health potential

- Improved health status
- Reduced premature death

Vision
Ohio is a model of health, well-being and economic vitality

Strategies

The SHIP provides state and local partners with a menu of effective policies and programs to improve Ohio's performance on these priorities.

* These factors are sometimes referred to as the social determinants of health or the social drivers of health

Collective Impact Strategies to Improve Children's Health and Well-Being

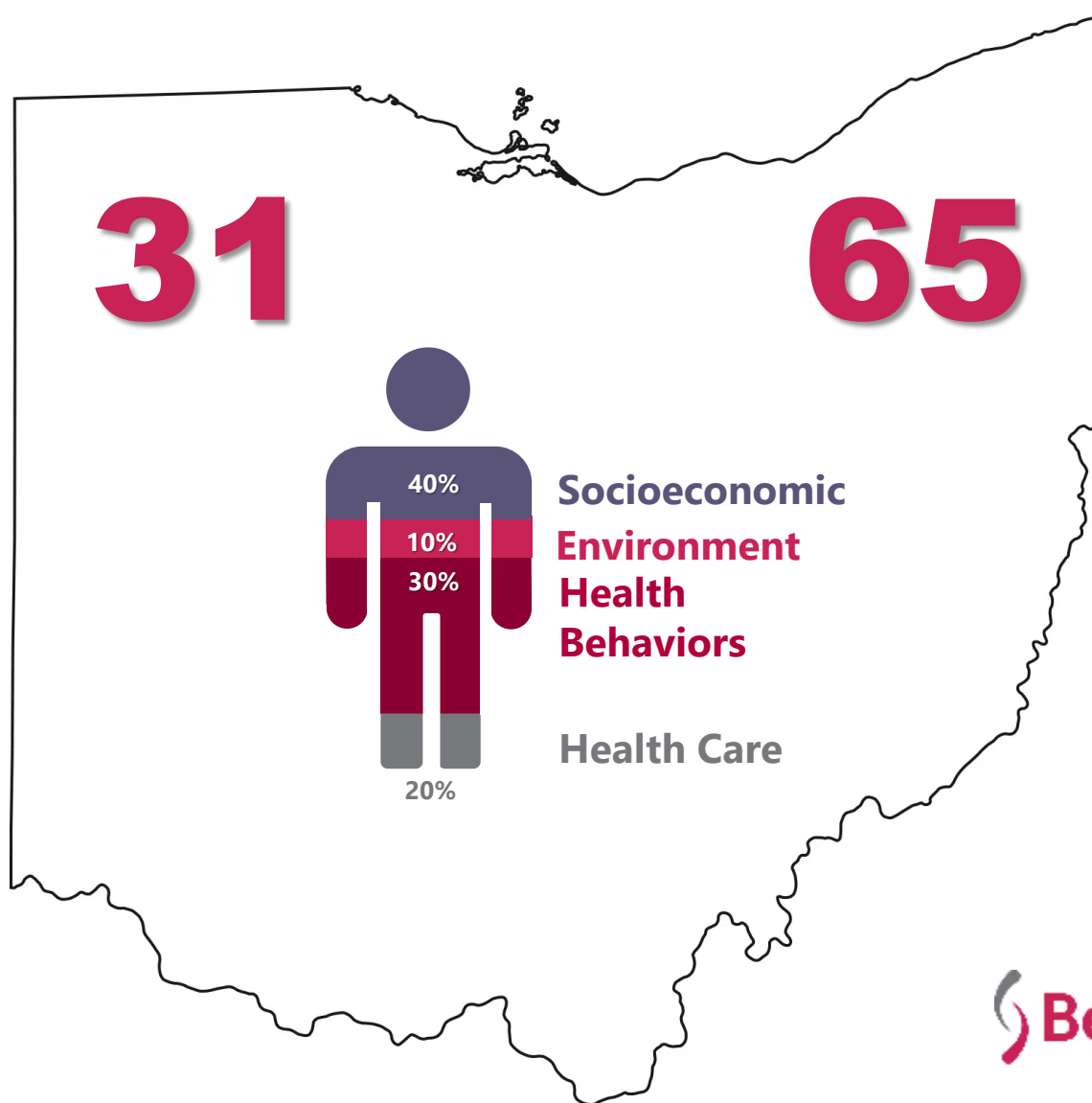
Steven Spalding, MD

Vice President, Population Health

Akron Children's Hospital

Co-Chair, BHP Children's Health Leadership Team

The Need for Collaboration



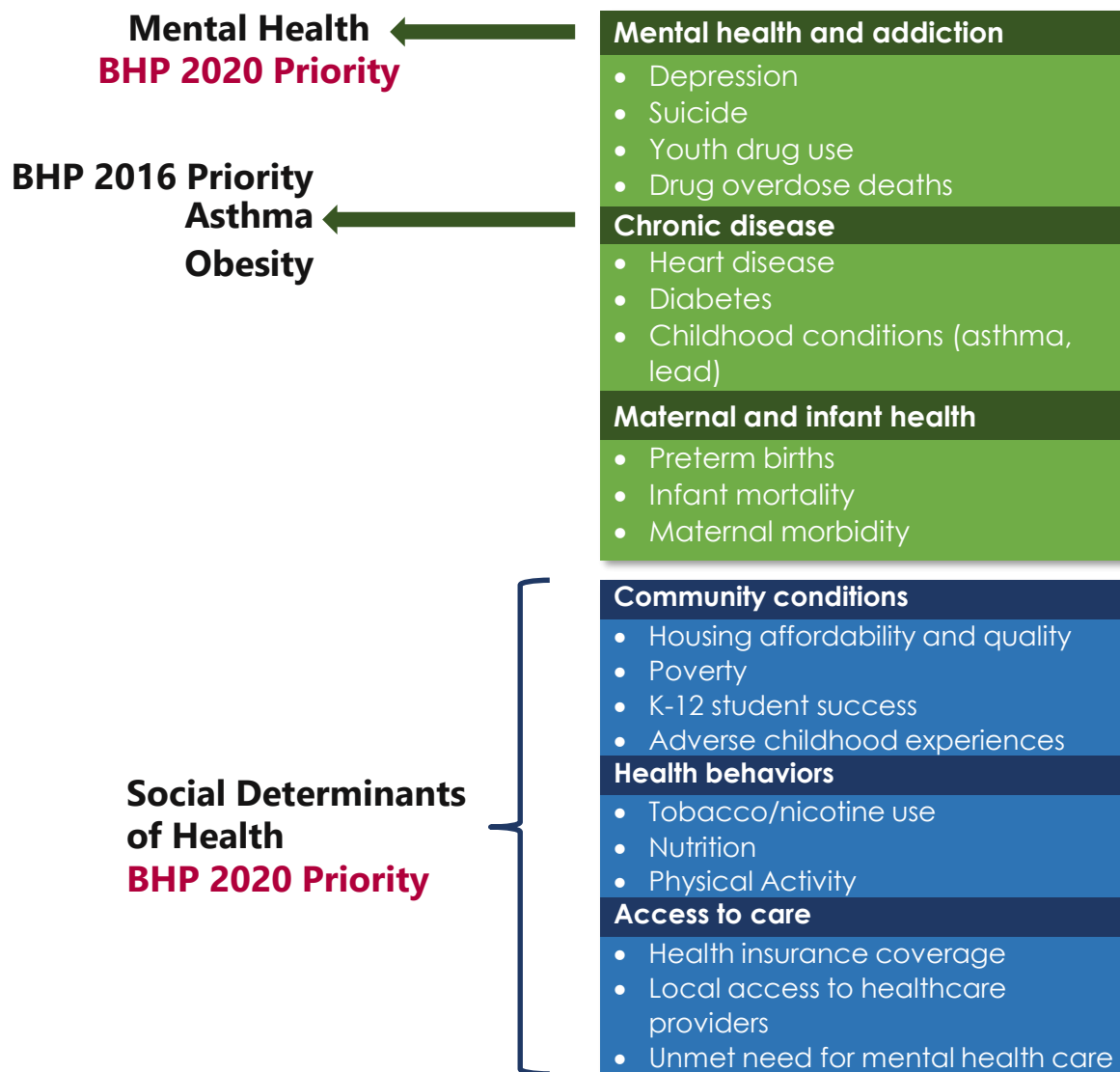
Key Drivers of Strategic Health Improvement Priorities



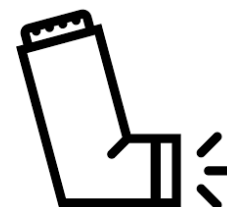
- ✓ \$1 billion in child health and wellness
- ✓ Governor's Children's Initiative
- ✓ Home visiting
- ✓ Postpartum care
- ✓ Treatment program for drug-addicted mothers and babies
- ✓ Behavioral health services in schools
- ✓ Telehealth
- ✓ Pediatric-focused comprehensive primary care
- ✓ Student Wellness and Success Fund

SHIP State Health Improvement Plan Ohio 2020-2022	
Community conditions <ul style="list-style-type: none"> Housing affordability and quality Poverty K-12 student success Adverse childhood experiences 	Mental health and addiction <ul style="list-style-type: none"> Depression Suicide Youth drug use Drug overdose deaths
Health behaviors <ul style="list-style-type: none"> Tobacco/nicotine use Nutrition Physical Activity 	Chronic disease <ul style="list-style-type: none"> Heart disease Diabetes Childhood conditions (asthma, lead)
Access to care <ul style="list-style-type: none"> Health insurance coverage Local access to healthcare providers Unmet need for mental health care 	Maternal and infant health <ul style="list-style-type: none"> Preterm births Infant mortality Maternal morbidity

BHP Children's Health Priorities

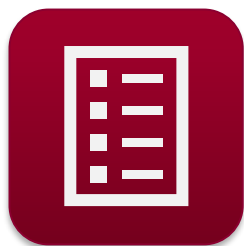


Mental Health & Asthma:
78% higher Emergency Room use



Homelessness & Asthma:
310% increase in hospital admission rate

What Does Success Look Like



Screening



Referrals



Outcomes



Advocacy

Healthy Kids. Healthy Adults. Healthy Ohio.

Better Health Partnership Children's Health Report

Chris Mundorf, MPH, PhD

Director, Data Analytics & Reporting
Better Health Partnership

The Better Health Partnership Collaborative

Adult Primary Care and Pediatric Practices
Reporting to Better Health Partnership (Oct 2019)



Over **260,000 Children** (2-17)
Reporting systems

- *Akron Children's Hospital*
- *Care Alliance*
- *Circle Health*
- *MetroHealth*
- *Neighborhood Family Practice*
- *Sender's Pediatrics*
- *UH Rainbow Babies & Children's Hospital*

Health Equity

- Disparities **between** communities
- Disparities **within** communities



% Asthmatic, Akron Census Tract

% Asthmatic

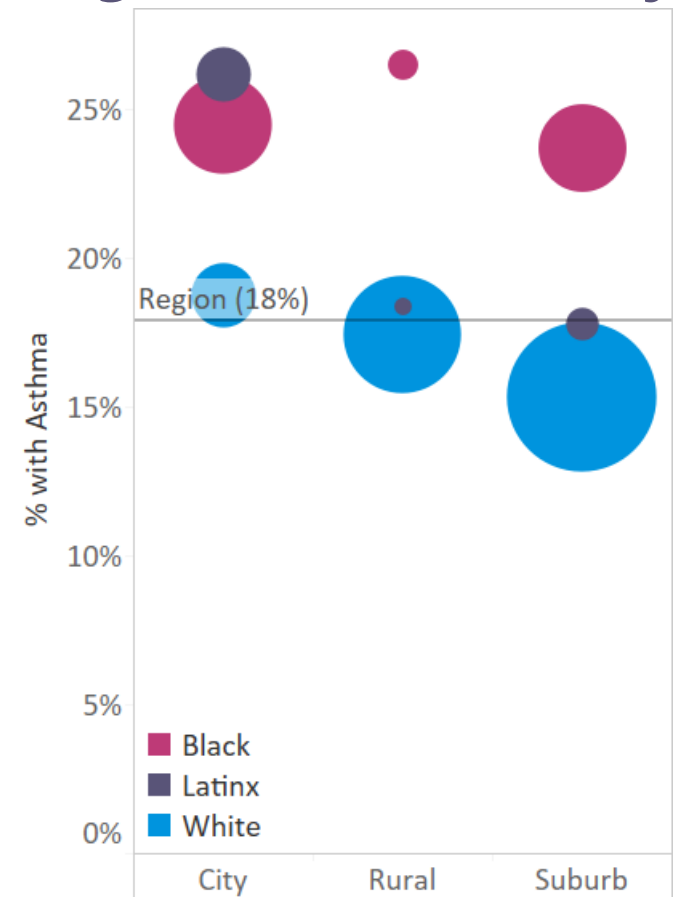
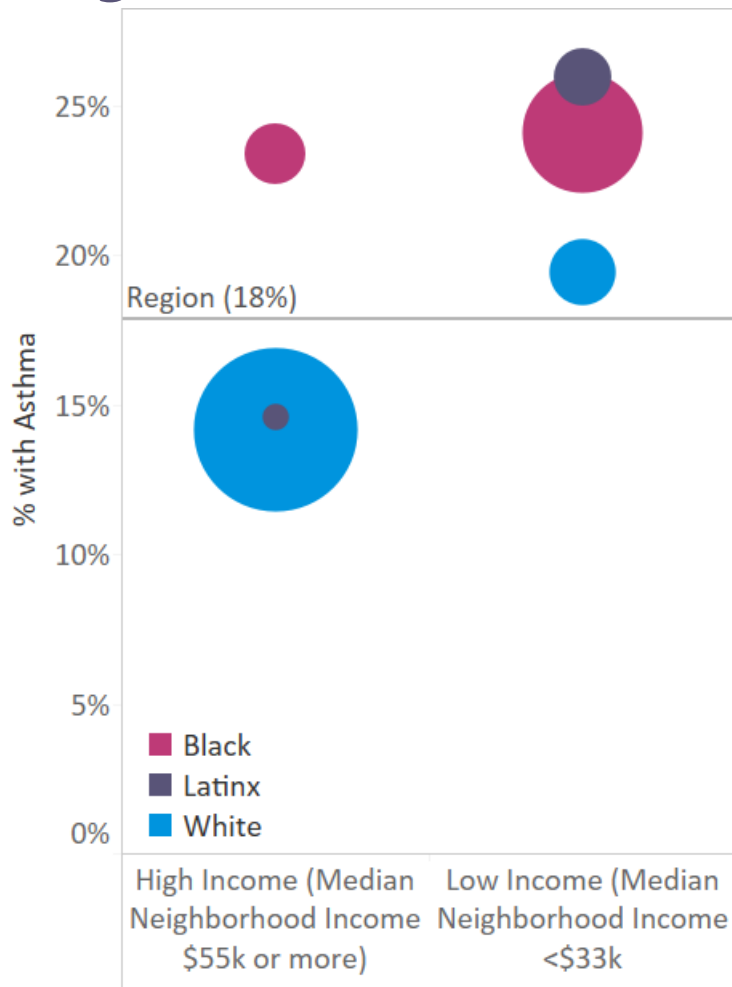
17% 34%

enStreetMap

Asthma Diagnosis

% Asthmatic by Race/Ethnicity and Neighborhood Income

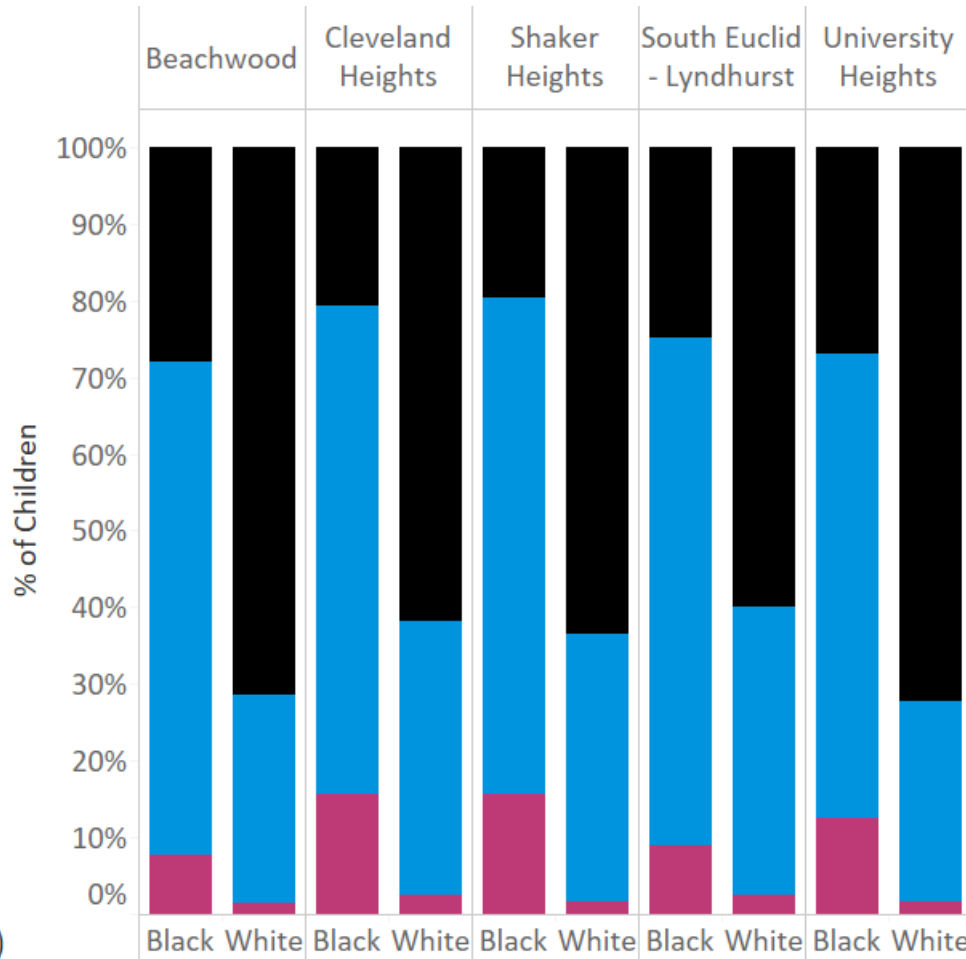
% Asthmatic by Race/Ethnicity and Neighborhood Density



Asthma Diagnosis Racial Disparities, Within Neighborhoods

			% Asthmatic- White	% Asthmatic- Black	Relative Ratio
Cuyahoga County Suburbs	East Cleveland Suburb	Beachwood	7%	29%	3.9
		University Heights	8%	24%	3.1
		South Euclid - Lyndhurst	10%	24%	2.3
		Cleveland Heights	11%	23%	2.1
	West Cleveland Suburb	Berea	10%	32%	3.1
		Fairview Park	11%	29%	2.6
		Brook Park	13%	28%	2.1
		Lakewood	11%	22%	1.9
Akron Suburbs	Northern Summit County Suburb	Bath - Copley	20%	30%	1.5
		Cuyahoga Falls - Silver Lake	22%	32%	1.5
		Stow - Munroe Falls	21%	31%	1.4
		Twinsburg	19%	27%	1.4
	Southern Summit County Suburb	Green	22%	35%	1.6
		Lakemore - Springfield	28%	38%	1.4
		Barberton - Norton	25%	34%	1.4

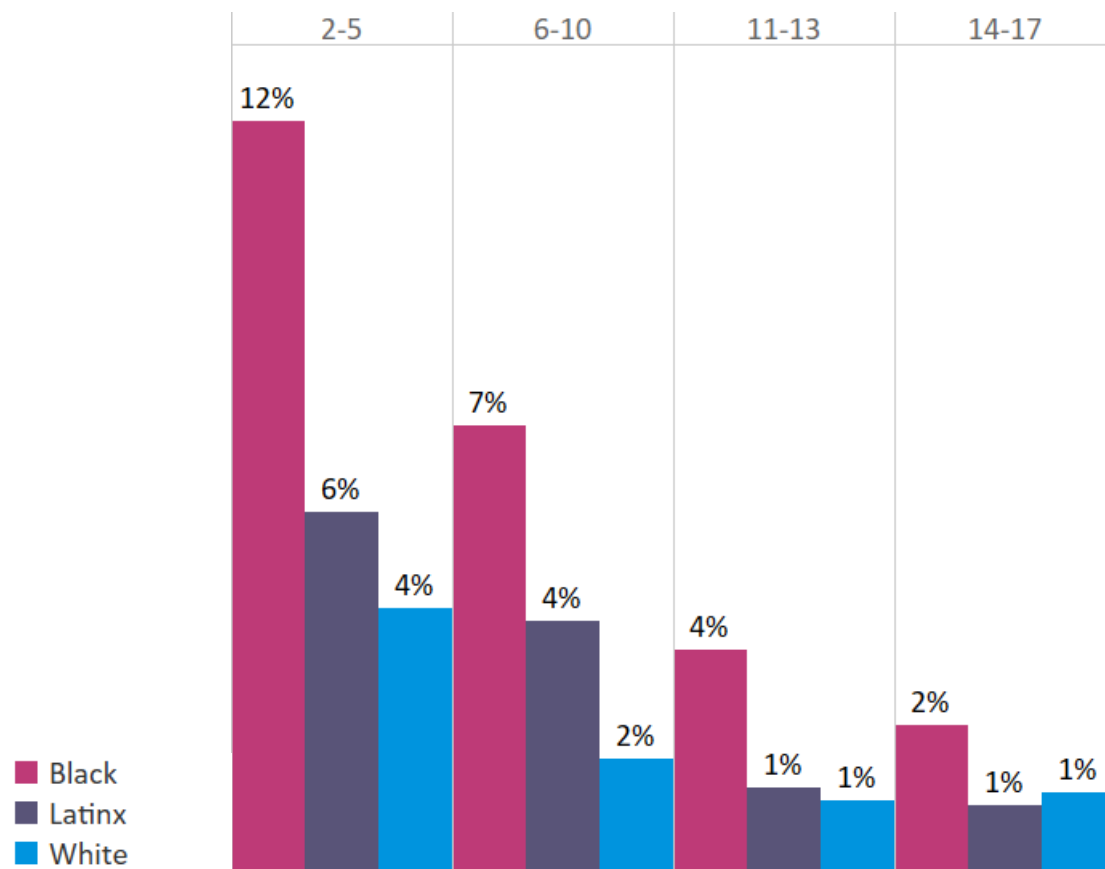
% Tobacco Exposure by Selected Communities



Tobacco Exposure
■ Not Assessed
■ Low (Never/Quit)
■ High (Passive/Current)

Asthma Exacerbations

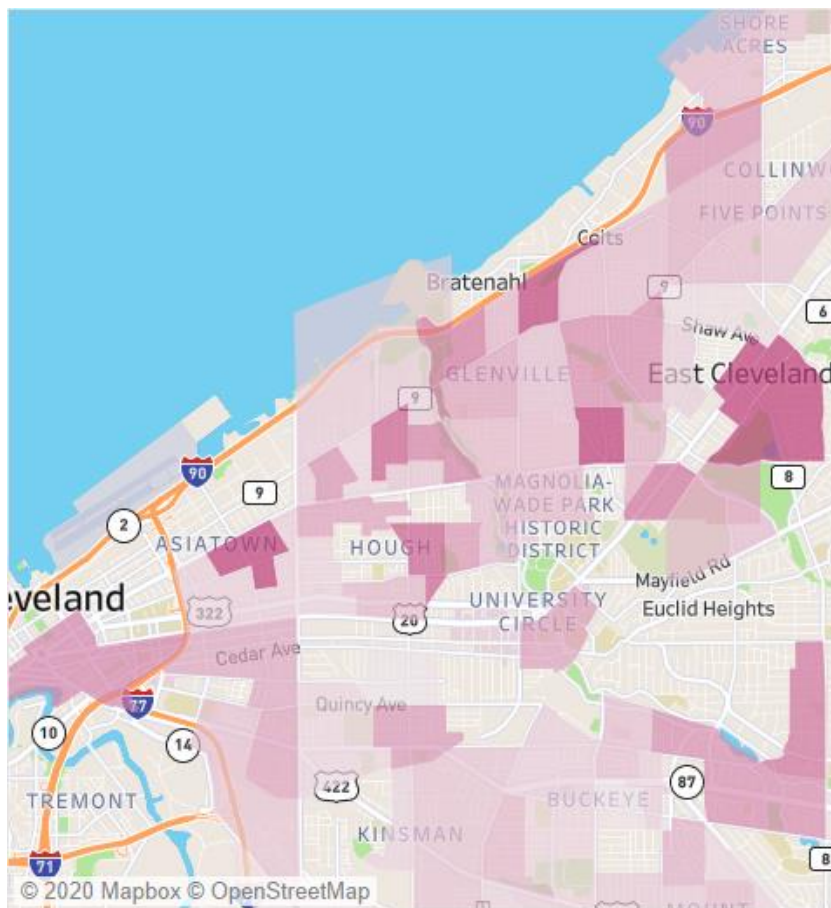
% of Asthmatics with Exacerbation by Age/Race,
Cuyahoga County



Asthma Exacerbations

% with Exacerbation,
East Cleveland

% with Exacerbation,
Top Communities

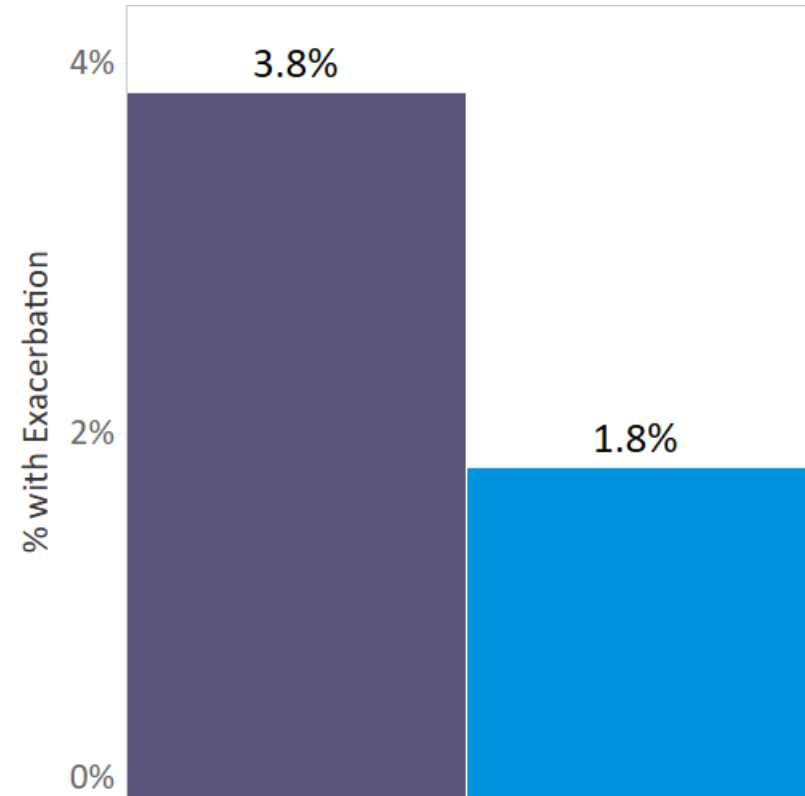
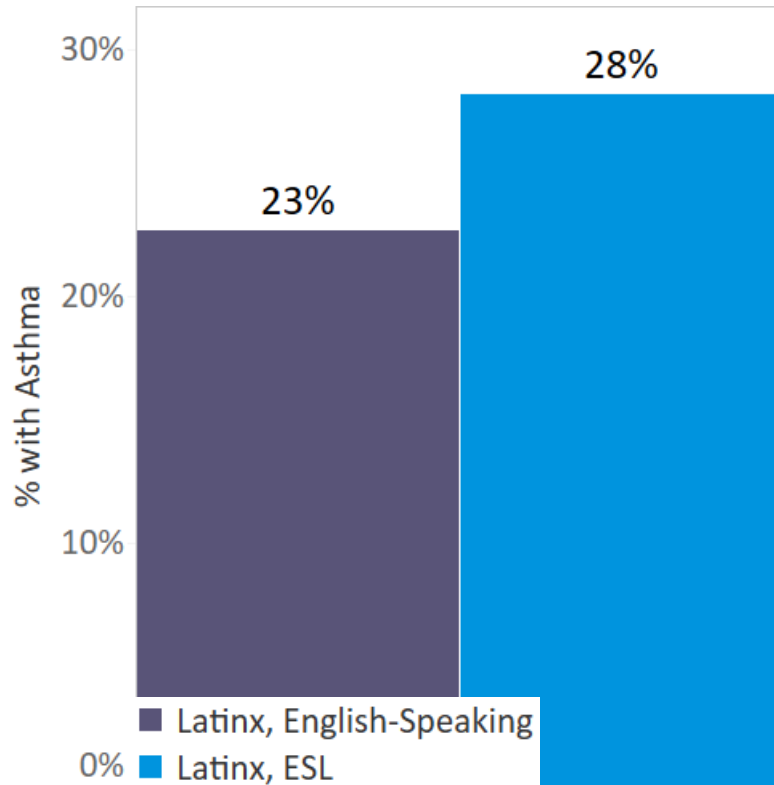


East Cleveland Suburb	East Cleveland	11.8%
East Side Cleveland	St. Clair - Superior	12.4%
	Glenville	12.3%
	Hough	9.9%
	Central	9.9%
West Side Cleveland	Edgewater	10.2%

Cuyahoga County Latinx, English-Speaking vs. ESL

% Asthmatic

% with Exacerbations



Asthma Interventions- Akron

Managing Asthma Triggers at Home (MATH) Project

Project partnering Akron Children's Hospital and Summit County Public Health

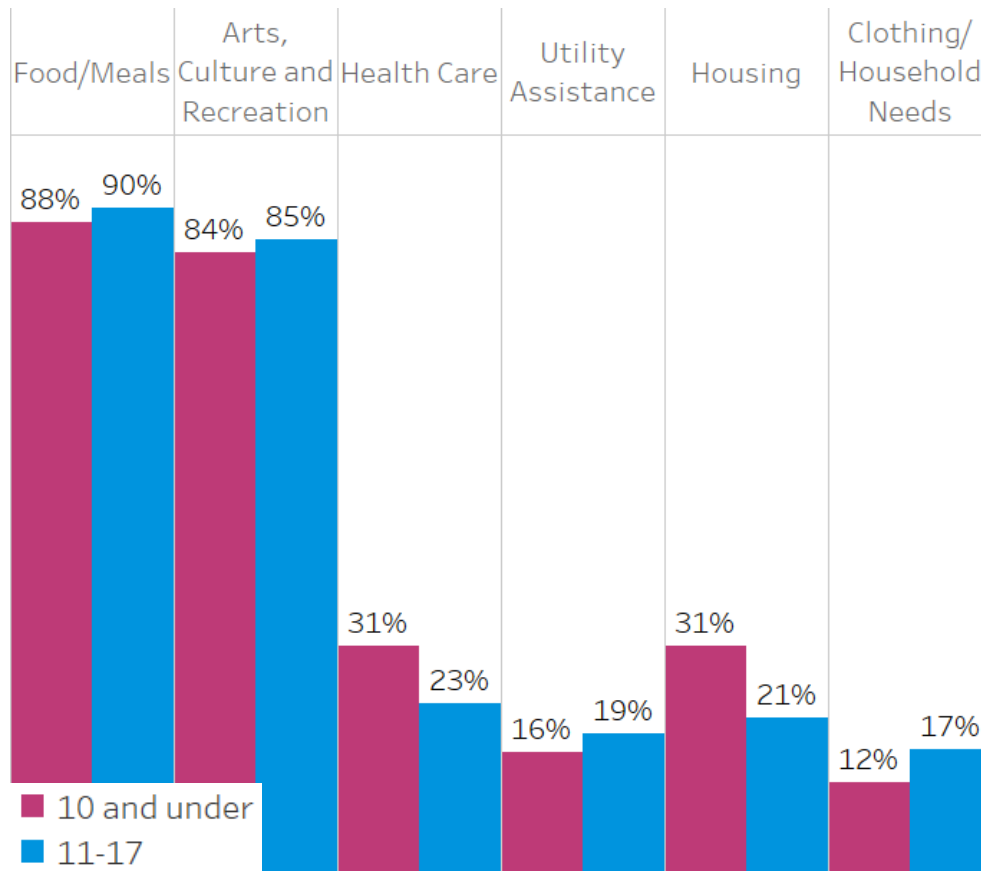
Identify high-risk asthma patients in high-risk neighborhoods

- Home assessment

- Evidence-based interventions

Clinic-to-Community Linkages (CCL)

% of Children with Asthma and Overweight/ Obesity Receiving
a United Way 2-1-1 Referral, by Category



29%

*Of children ≤ 10 yr.
reported poor housing conditions
(water damage, mold/mildew, sewage,
standing water, cockroach)*



A SERVICE OF UNITED WAY GREATER CLEVELAND

Connecting Children Across Pathways – Lead Exposure



Goal: Improve developmental trajectories of children in Cuyahoga County by:

- connecting more children to lead testing
- connecting more children with Elevated Lead Levels to developmental services

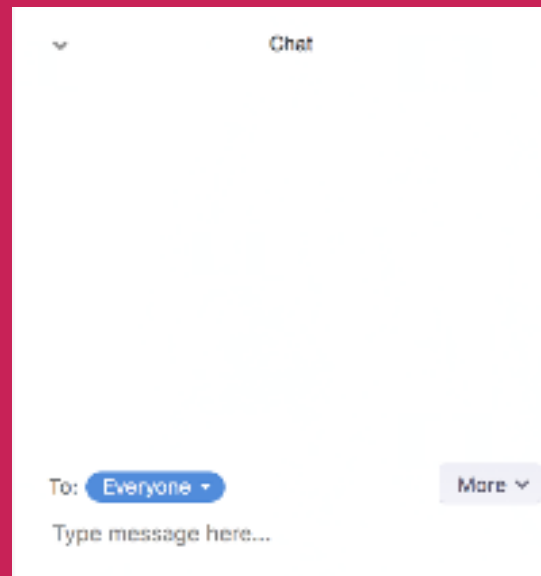
Partners



Looking Ahead

- Integrate cross-sector asthma metrics and interventions in targeted areas
- Build capacity for assisting families with obtaining lead testing and connections to interventions and resources
- Launch mental/behavioral health improvement pilot

Questions?
Please submit through chat function



Register for future webinars

- August 12 Adult Health Report
- August 26 The Better Health Pathways HUB
- September 3 Prioritized Findings from First Year Cleveland's Action Team #4
Extreme Premature Births
- September 23 Prioritized Findings from First Year Cleveland's Action Team #1
Patient Experiences; Racial Disparities
- Need more information? Please send your requests to Carol Kaschube
ckaschube@metrohealth.org



Thank You!



www.betterhealthpartnership.org