



The Pittsburgh Study

December 2021

Summit on Child Thriving and Environmental Justice

Co-directors:

Liz Miller & Felicia Savage Friedman

The Pittsburgh Study is made possible in part through generous support from the Children's Hospital of Pittsburgh Foundation, University of Pittsburgh Department of Pediatrics, The Grable Foundation, and The Shear Family Foundation.

What is The Pittsburgh Study?



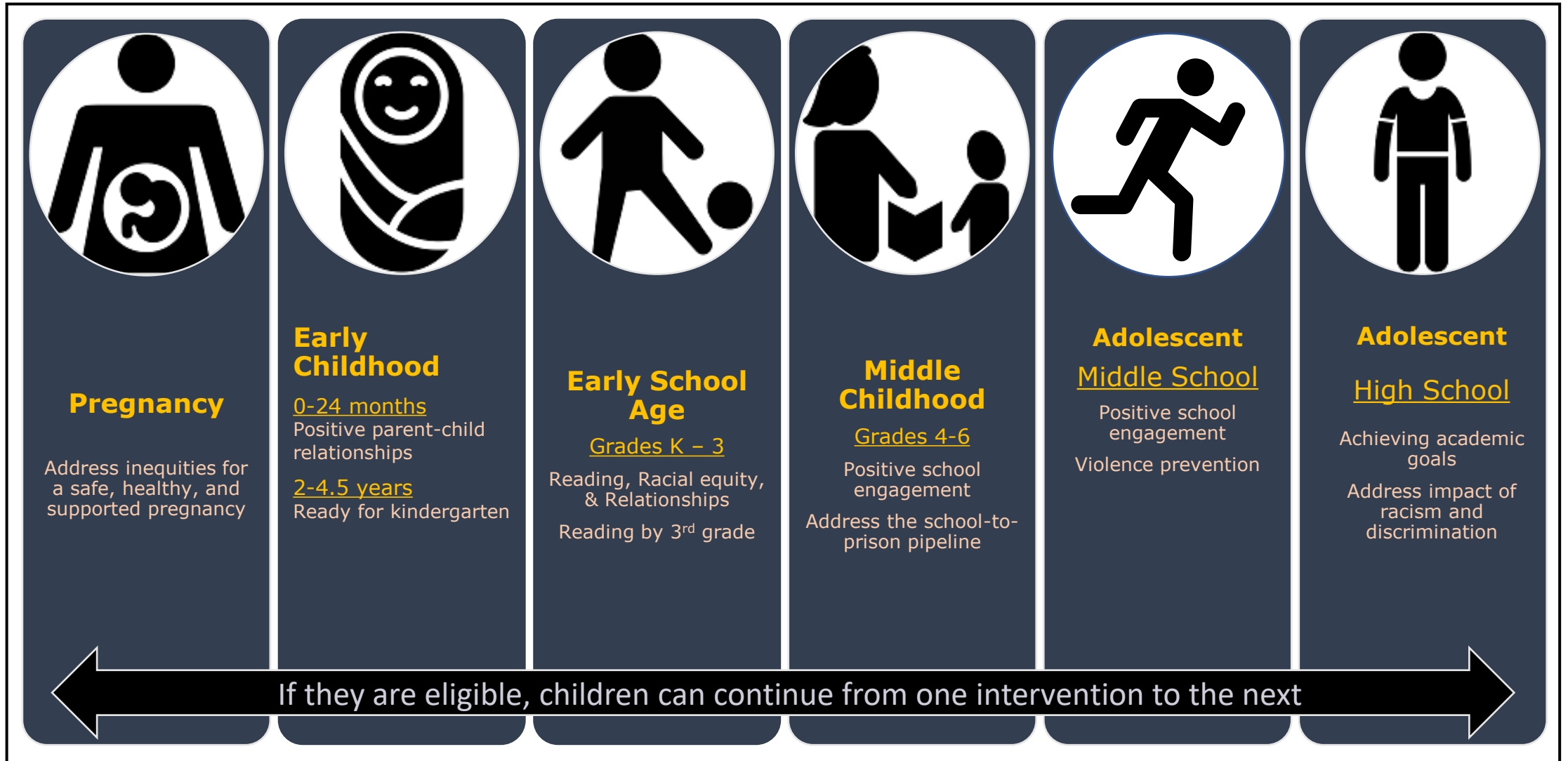
Community-partnered research
and advocacy focused on child
and youth thriving

Asset-based community
leadership development building
on our many strengths and assets

Data-driven system change
aimed at racial equity for our
children and youth

An invitation to the table to **all**
the stakeholders in the future of
all our children

Age Collaboratives' Positive Health Interventions



Age-Based Collaboratives

1. Pregnancy
2. Early Childhood
3. Early School Age
4. Middle Childhood
5. Adolescent Cohort
 1. Middle School
 2. High School

Collaborative active membership

15 Community Members
5 Academic Members

Organizations and Communities involved:

- ACHD – Family and Child Health
- Allegheny County Department of Human Services
- UPMC Children's Hospital of Pittsburgh
- Fatherhood representative
- Healthy Start
- Jewish Healthcare Foundation
- Magee Women's Research Institute
- Pitt School of Public Health
- The Birthing Hut - postpartum doula
- University of Pittsburgh/CTSI
- Urban League of Greater Pittsburgh
- Women's Center and Shelter
- Pittsburgh community members

Pregnancy Collaborative Co-Leads



Jada Shirriel
Community Co-Lead
Healthy Start, Inc



Tamar Krishnamurti
Academic Co-Lead
Pitt/CTSI



Janet Catov
Academic Co-Lead
MWRI




Erricka Hager
Research Coordinator
Pitt





Age-Based Collaboratives

1. Pregnancy
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WINS

Cast Your Vote!
Which intervention should we pick?



Healthy Baby Zone	Doula Support	Combo of 1 + 2	Your Own Choice?
			
Partnering with Healthy Baby Zone to offer education on community resources (i.e. linkage to MyHealthyPregnancy App, Pittsburgh Brown Mamas, and Pittsburgh Black Breastfeeding groups, etc)	Partnering with Healthy Start and their Doula and Postpartum Doula Programs to provide support for expansion into NICU and help with resources for birthing people	Partnering with Healthy Baby Zone and Healthy Start to provide doulas to 1) every birthing person in Wilkinsburg and 2) engage and coordinate improved care/accessibility with medical providers located in Wilkinsburg	Do you have an idea for an intervention that isn't something that we already shared? Email Erricka to share!

WINS:

- 2 years of consistent community engagement and monthly meetings
- Conference presentations on community-partnered research
- Pregnancy “Thriving” survey development and dissemination
- Member engagement surveys

Grant(s):

- NIH Expanding the Family Check-Up in Early Childhood to Promote Cardiovascular Health of Mothers and Young Children (ENRICH). Will be reviewed December 6, 2021
- PCORI Engagement Award: Stakeholder Convening Support . LOI due April 2022.

Age-Based Collaboratives

1. Pregnancy
2. Early Childhood
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 1. Middle School
 2. High School

16 Community Members
18 Academic Members

Organizations and Communities involved:

- Allegheny County Department of Human Services
- Allegheny County Health Department
- Trying Together
- University of Pittsburgh
- Magee-Womens Hospital
- Penn Hills
- East Hills
- Wilkinsburg
- Swissvale
- Port Vue/McKeesport

Early Childhood Collaborative Co-Leads



Daniel Shaw
Academic Co-Lead
Pitt Psychology



Amy Malen
Community Co-Lead
Allegheny County DHS



Dannai Wilson
Community Co-Lead
ACHD



Cara Ciminillo
Community Consultant
Trying Together



Deb Bogen
Community Consultant
ACHD



Val Chavis
Outreach Coordinator
Pitt Psychology



Chelsea Krug
Project Coordinator
Pitt Psychology

Age-Based Collaboratives

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WINS

- **Partnership with Department of Human Services**

- The Early Childhood Collaborative has become part of DHS' Hello Baby program, teaming up to improve accessibility to parenting programs for parents with young children in Allegheny County
- We are now receiving referrals directly from Hello Baby for clinical services and entry into TPS

- **In-Person Recruitment**

- After engaging families almost exclusively remotely during COVID, we are now in person at Magee and about to begin in-person recruitment at 3 WIC clinics in December/January.

- **More than 580 families enrolled!** Over 85% of families have selected at least one of our parenting programs.

- **Staying in Touch with Families**

- About 88% of families completed their 6-month follow up survey
- 80% completed their 12-month follow-up survey.
- We just started 18-month follow-ups, and were able to successfully re-engage a family after nearly 1 ½ years!



Age-Based Collaboratives

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Collaborative Active Membership	13 Community Members 10 Academic Members
Organizations and Communities Involved	Participating Schools:
Boys and Girls Clubs of Western PA	Woodland Hills School District <ul style="list-style-type: none"> Edgewood Elementary Stem Academy Turtle Creek Elementary Stem Academy Wilkins Elementary Stem Academy
Brilliantly Blessed	
Carnegie Library System	
Pride Program University of Pittsburgh Office of Child Development	Manchester Academic Charter School
WQED Multimedia	The Urban Academy of Greater Pittsburgh Charter School
University of Pittsburgh Office of Child Development	Steel Valley School District <ul style="list-style-type: none"> Barrett Elementary

ESA Co-Leads



Shallegra Moye
Community Co-Lead
Brilliantly Blessed



Shannon Wanless
Academic Co-Lead
Pitt - Office of Child
Development

Age-Based Collaboratives

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ONGOING WINS



3Rs Adult Learning Communities Continue to Impact Literacy Professionals

- Classroom Strand: professional development and PLC sessions continue with teachers in 6 schools -- 213 teachers
 - 10 hours since September - ongoing
- Leadership Strand: PELA sessions continue with educational leaders from 9 districts / charters
 - 8 hour since September- ongoing
- Community Strand: Community of Practice with leaders from 11 Allegheny County Literacy Organization Leaders
 - 3 hours since September - ongoing:



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NEW WINS



- Family Strand: Partnered with WQED Multimedia to facilitate a 4-part family literacy series.
 - 10 Families
- Our 3Rs measure is showing strong initial signs that it is working
- PELA just got a \$40,000 grant from the Grable Foundation
- Our Scientific Committee is evolving and defining roles around holding each other accountable for our racial literacy. Our community members have claimed the identity of 3Rs Avengers for our Scientific Committee



Age-Based Collaboratives

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 1. Middle School
 2. High School

Collaborative active membership

11 Community Members
8 Academic Members

Organizations and Communities involved:

School Collaborators

Dickson STEAM Academy
Duquesne Elementary School
Manchester Academic Charter School
Turtle Creek Elementary
Wilkins Elementary

Community Collaborators

Allegheny Intermediate Unit
Center for Victims
Pitt Center on Race and Social Problems
Pitt School of Education
Pitt School of Social Work

MCC Co-Leads



James P. Huguley
Academic Co-Lead
Pitt Center on Race and Social Problems



Vanessa Mayers-Snyder
Community Co-Lead
Center for Victims

Age-Based Collaboratives

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WINS

Started programming in 3 new sites in 2020-2021, now at five sites overall, serving over 2,500 students

\$3 million IES grant secured to add 5 more sites starting 2022

Trauma intervention funded by Staunton Farm, launching in spring 2022 at 4 sites



Adolescence

1. Pregnancy
2. Early Childhood
3. Early School Age
4. Middle Childhood
5. Adolescent Cohort
 1. Middle School
 2. High School

Middle School intervention

The Adolescent Cohort in Middle School focuses on the continued development and implementation of **Expect Respect (trauma-sensitive support groups)** with 7th and 8th grade students in Greater Pittsburgh area middle schools.

High School intervention

The Adolescent Cohort in High School focuses on the continued development and implementation of the **Creating Peace (youth leadership in racial and gender justice)** project, which involves adolescents ages 13-19.

Adolescent Co-Leads



Fr. Paul Abernathy
Community Co-Lead
Neighborhood Resilience
Project



Felicia Savage Friedman
Community Co-Lead
YogaRoots On Location



Liz Miller
Academic Co-Lead
Pitt/Adolescent and Young
Adult Medicine



Richard Garland
Academic Co-Lead
Pitt - Public Health

Adolescence - Expect Respect Middle School

1. Pregnancy
2. Early Childhood
3. Early School Age
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 1. Middle School
 2. High School

expectrespect®

A Program of **SAFE**

Continuing program in middle schools
Offering wellness resources
Connection to TPS THRIVE survey
Healing Justice Schools

Partnering Organizations and Agencies

University of Pittsburgh School of Social Work
Slippery Rock University School of Social Work
Center for Victims
The SAFE Alliance
Victim Outreach Intervention Center (VOICE)

Partnering Schools/Districts

Pittsburgh Public Schools
Penn Hills School District
Woodland Hills School District
Clairton City School District
South Allegheny School District
West Mifflin Area School District
Allegheny Valley School District
Steel Valley School District
McKeesport Area School District
Washington School District
Grove City Area School District
Sharon City School District
Lakeview School District
Urban Pathways Charter Network
Environmental Charter Network
Propel Charter Network

Adolescence - Creating Peace

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Iterative revisions to curriculum
“Mapping Our Histories”

Mixture of virtual and in-person

Seeking sites, facilitators, PLEASE JOIN!

Challenges with recruiting law enforcement to participate in Creating Peace Justice Fellowship

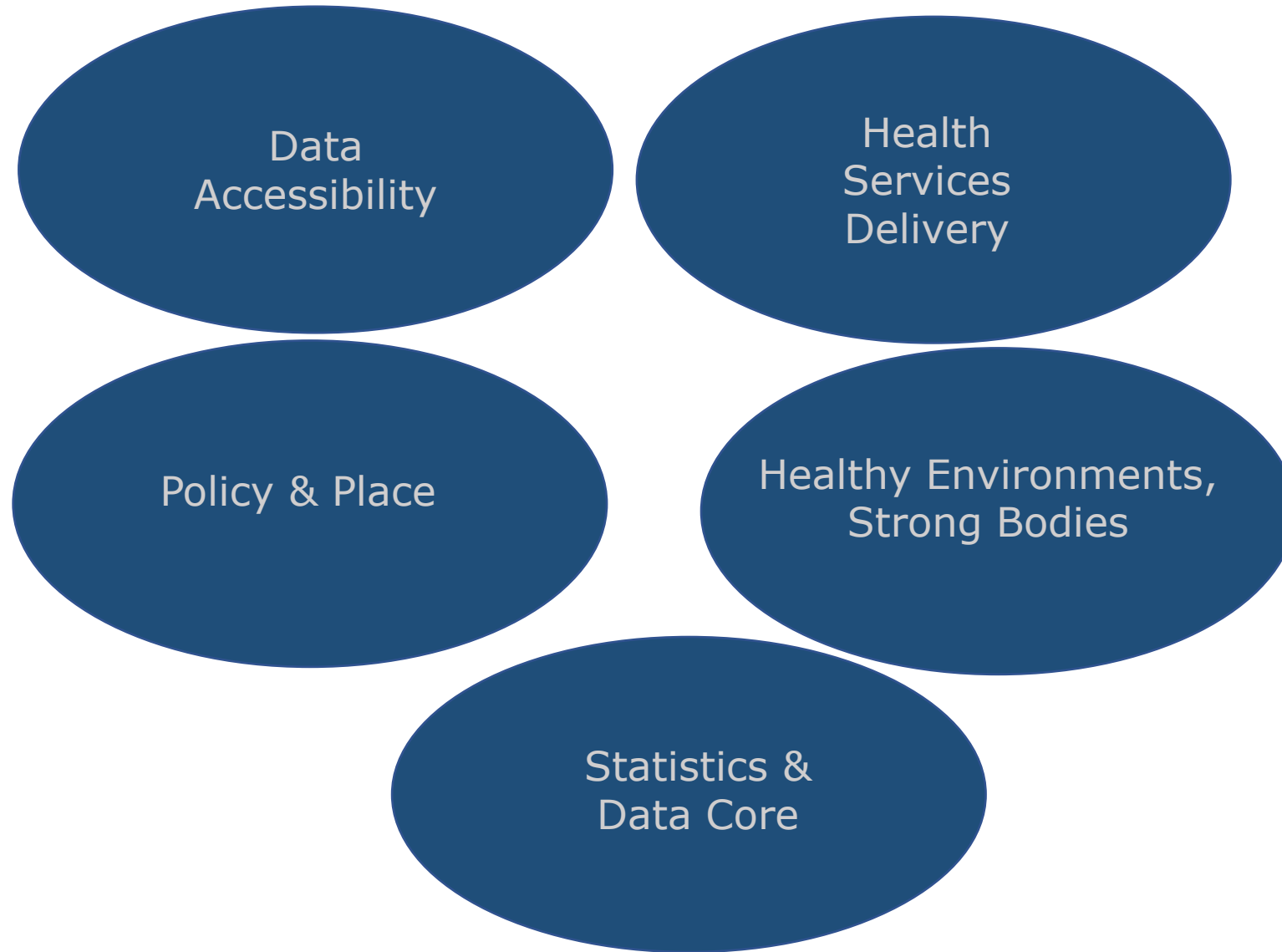
Job Skills

Allentown/ Beltzhoover/Hilltop	East Liberty
Brookline	Hazelwood
Carrick	Homewood
Downtown	North Braddock
Duquesne	Sheraden

Creating Peace

Clairton	Northside
East Hills	Northview Heights
Garfield	Penn Hills
Hill District	Rankin
Homestead	Wilkinsburg
McKeesport	Wilmerding
North Versailles	

Cross-cutting Scientific Committees



- Examine how other factors affect children's health and health equity
- Committees may use positive intervention studies or observational studies
- Each committee is made up of researchers, community partner organizations, and residents

Cross-Cutting Collaboratives

1. Data Accessibility

2. Health Services Delivery

3. Healthy Environments Strong Bodies

4. Policy and Place

5. Statistics and Data Core

- Data from Health Department and Department of Human Services is now published through WPRDC (along with 211, and PPS data)
- Features added to Children's Health Data Explorer
- Other: Vaccine map, Data literacy grant

Data Accessibility Co-Leads



Liz Monk
Academic Co-Lead
Pitt Center for Social & Urban Research



Steven Saylor
Academic Co-Lead
Pitt Center for Social & Urban Research



Robert Gradeck
Academic Co-Lead
Pitt Center for Social & Urban Research

Select an area to explore

1

PICK A TYPE OF AREA

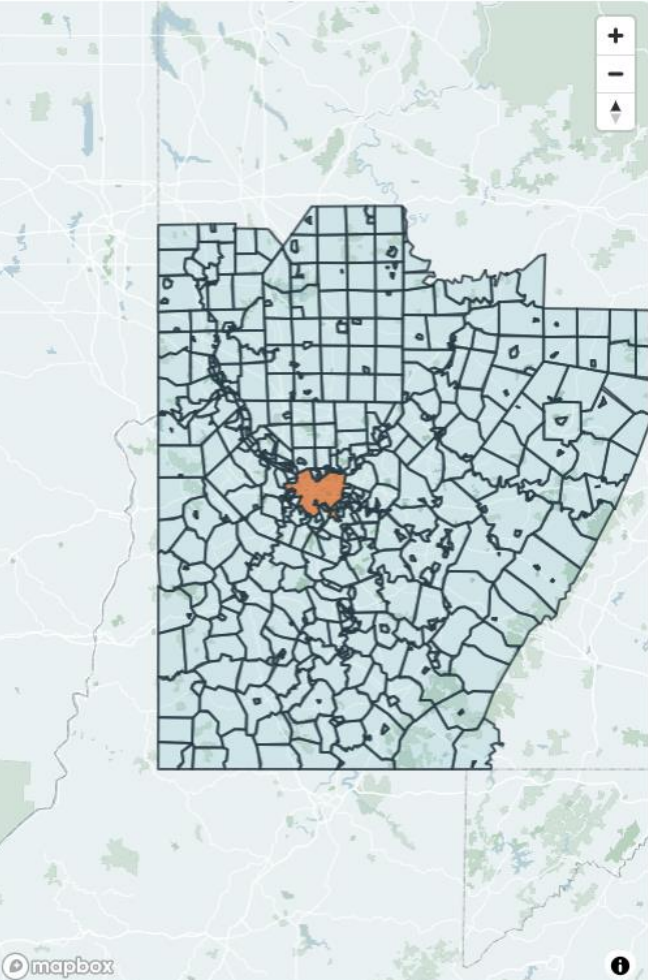
County Subdivision

2

SEARCH FOR A COUNTY SUBDIVISION

or

USE THE MAP



Pennsylvania / Allegheny County

Pittsburgh

Demographics / Race and Ethnicity

Population by Race

Population count and percent by race.

Quick Facts

Global majority population
100,338 /302,205 (33%)

Tables and Visualizations

Table

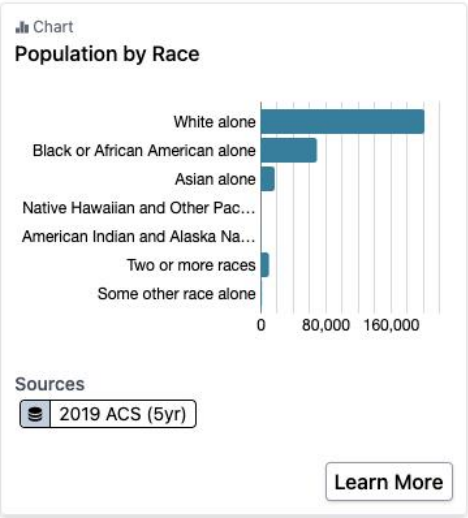
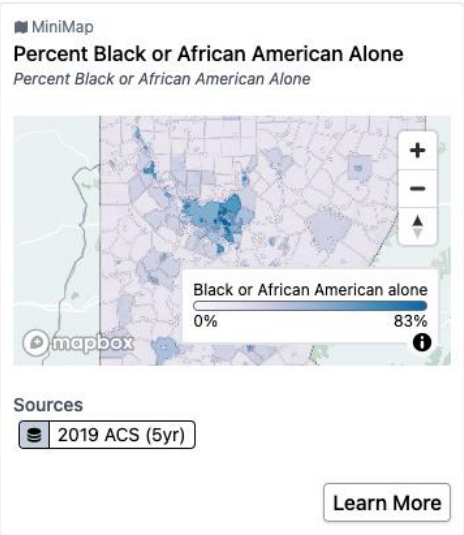
Population by Race

	2019
Total	302,205*
White alone	201,867*
% of Total	66.8%
Black alone	69,589*
% of Total	23%
Asian alone	17,574*
% of Total	5.82%
AIAN alone	549*
	-

Sources

2019 ACS (5yr)

Learn More



Pick an indicator to compare:

Childhood Asthma Healthcare Utilization



Pittsburgh

Pennsylvania / Allegheny County

Pittsburgh

Childhood Asthma Healthcare Utilization

Healthcare utilization for asthma by Allegheny County residents 18 years of age and younger. It counts asthma-related visits to the Emergency Department (ED), hospitalizations, urgent care visits, and asthma controller medication dispensing events.

Quick Facts

of Children Studied Utilized Some Form of Healthcare for Asthma

3,830 / 43,155 (9%)

Tract 42003020100

Pennsylvania / Allegheny County

Tract 42003020100

Childhood Asthma Healthcare Utilization

Healthcare utilization for asthma by Allegheny County residents 18 years of age and younger. It counts asthma-related visits to the Emergency Department (ED), hospitalizations, urgent care visits, and asthma controller medication dispensing events.

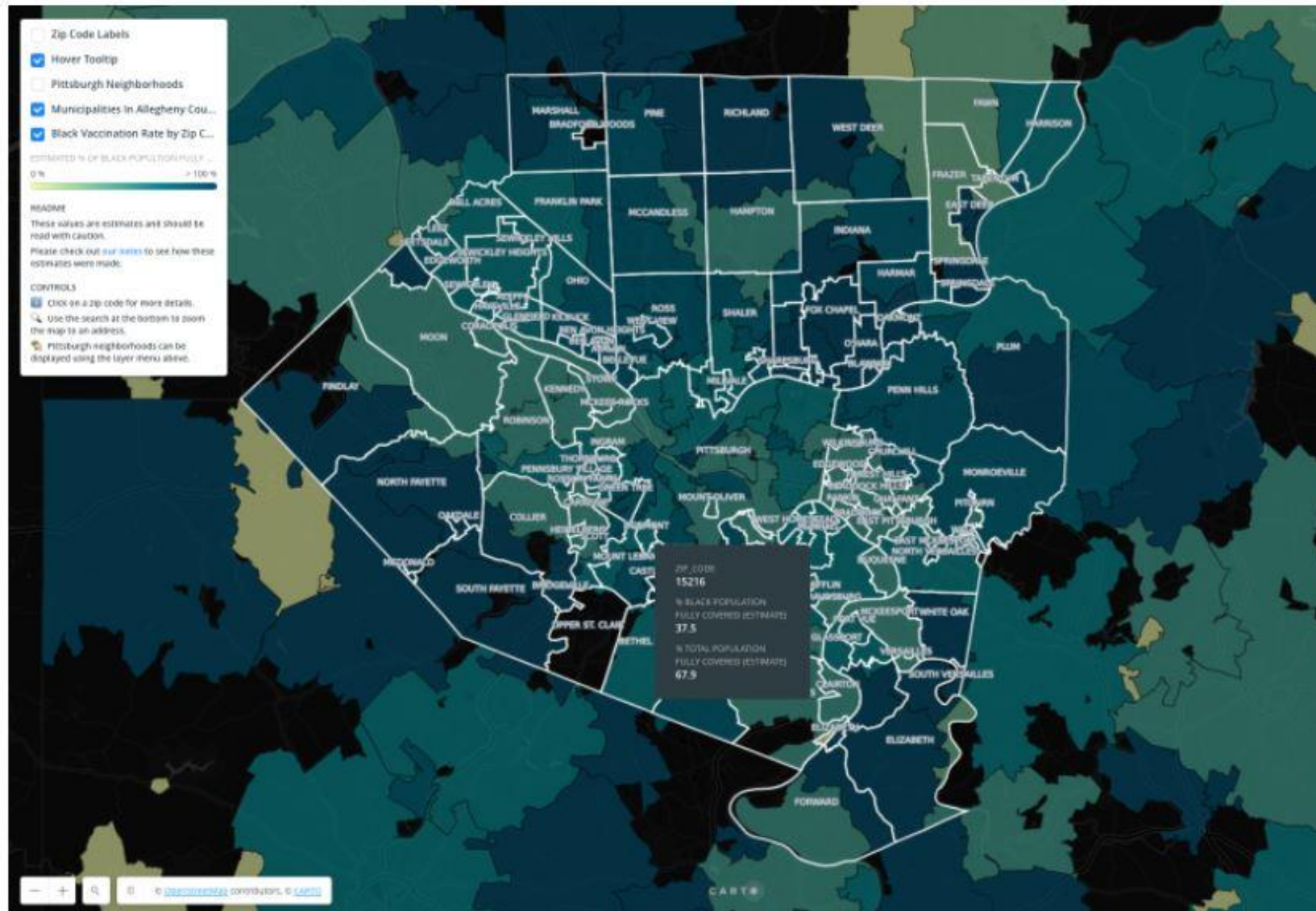
Quick Facts

of Children Studied Utilized Some Form of Healthcare for Asthma

223 / 2,114 (11%)

PA Black Vaccination Rate by Zip Code

Made by the [Black Equity Coalition](#) and the [Western Pennsylvania Regional Data Center](#).



<https://wprdc.carto.com/builder/0e278d3c-2c1c-4b0a-91e1-45ef982a0baa/embed#/>

Data Literacy Grant

Received funding for two years to develop and support our accessibility strategy which will include...

- Building basic data literacies through workshops/training, and developing a local peer learning network to build maturity across the civic data ecosystem.
- Reach out if you'd like to learn more and are interested in being a part of it!

Cross-Cutting Collaboratives

1. Data Accessibility
2. Health Services Delivery
3. Healthy Environments Strong Bodies
4. Policy and Place
5. Statistics and Data Core

Collaborative active membership

6 Community Members
6 Academic Members

Family Strengths Survey – Completed 18 months of surveys to learn about what has been helpful during Covid-19 pandemic crisis. Shared data with community partners to highlight health-related social needs, dental care, mental health, adolescent sleep, experiences of racism, and vaccination acceptance.

Child Primary Health Care Worker Survey – Survey developed and **to be administered December 2021** to ask clinicians and staff at primary care clinics caring for children about policies and practices related to access to care, mental health care, health-related social needs, racism, inclusivity, and trustworthiness.

Join us! Email - Kristin.ray@chp.edu



The Pittsburgh Study - Child Health Care Worker Survey

The past year has highlighted many health-related needs of families in our county, from food insecurity and housing instability, to mental health concerns, to the impact of racism on child health and the impact of the pandemic on health care workers. To help The Pittsburgh Study understand the needs of our healthcare workforce in caring for our region's children, we invite you to respond to this confidential survey.

Healthy Services Delivery Co-Leads



Kristin Ray
Academic Co-Lead
Pitt / Children's Hospital of Pittsburgh



Emilie Delestienne
Community Co-Lead
Kids Plus Pediatrics

Cross-Cutting Collaboratives

1. Data Accessibility
2. Health Services Delivery
3. Healthy Environments
Strong Bodies
4. Policy and Place
5. Statistics and Data Core

Collaborative active membership

12 Community Members
21 Academic Members

Organizations and Communities involved:

- ACHD
- Allies For Children
- Breathe Project
- Center for Adolescent & Young Adult Health Research
- Center for Social and Urban Research
- Children's Hospital of Pittsburgh
- CMU
- Department of Civil & Environmental Engineering
- Department of Environmental & Occupational Health
- Department of Epidemiology
- Department of Family Medicine
- Department of Geology & Environmental Science
- Department of Pediatrics
- Duquesne University
- Tree Pittsburgh
- UPMC
- UrbanKind Institute
- Venture Outdoors
- Women for a Healthy Environment

HESB Co-Leads



Catherine Haggerty
Academic Co-Lead
Pitt Public Health



Michelle
Naccarati-Chapkis
Community Co-Lead
Women for a Healthy
Environment



Barbara Fuhrman
Academic Co-Lead
Pitt - CAYAH

Cross-Cutting Collaboratives

1. Data Accessibility
2. Health Services Delivery
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WINS

Community Environment and Health Survey

- Survey to understand individual and community level barriers and supports that affect the health of children and their families in our region
- Collaboration with the community to guide focus and planned research efforts of the Healthy Environments and Strong Bodies working group
- Focused on the environment, food security and access, greenspace, neighborhood, healthcare utilization and communication, and vaccination knowledge and access
- In person and online administration 2021 to 2022

Cross-Cutting Collaboratives

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WINS

Five-year \$5M Grant from SAMSHA in collaboration with the Allegheny County Department of Human Services: *Community Thriving: Enhancing Resiliency of Communities after Stress and Trauma*

- Our TPS committee is forming and will be facilitating a Community Advisory Coalition to inform our work with TPS and this new grant:
 - residents of the targeted communities for the grant
 - community stakeholders and partners
 - youth and young adult led organizations

Policy and Place Co-Leads



Jason Beery
Community Co-Lead
UrbanKind Institute



Mary Ohmer
Academic Co-Lead
Pitt School of Social Work



Shannah Tharp-Gilliam
Community Co-Lead
Homewood Children's Village

Cross-Cutting Collaboratives

1. Data Accessibility
2. Health Services Delivery
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5. Statistics and Data Core

The **Center for Research on Health Care Data Center** (CRHC DC) serves as the Data Core for the Pittsburgh Study and all of its cohorts. The Data Center creates the mechanism for study data entry and management. Additionally, they collaborate with TPS investigators to conceptualize and implement statistical analysis plans and facilitate interpretation of results.

Statistics and Data Core Co-Leads



Kaleab Abebe
Academic Co-Lead
Pitt Dept of Medicine
CRHC DC



Timothy Bragg
Academic Co-Lead
Pitt Dept of Medicine
CRHC DC

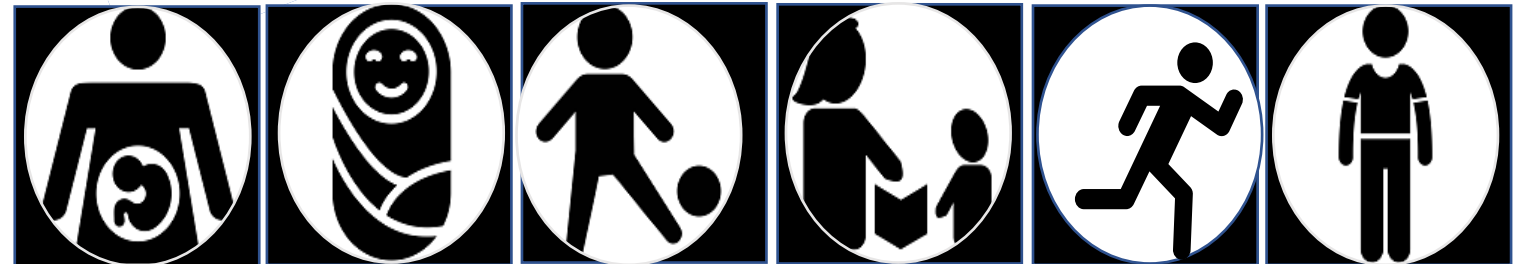
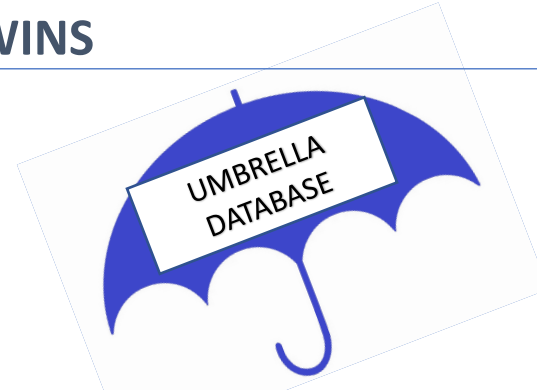


Dan Lavage
Academic Co-Lead
Pitt AYA Medicine

Cross-Cutting Collaboratives

1. Data Accessibility
2. Health Services Delivery
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4. Policy and Place
5. Statistics and Data Core

WINS



Pregnancy
Collaborative

Early childhood

Early school-aged

Middle
childhood

Middle school

High school

THRIVE