

Asthma Control Program Indoor Air Quality Project

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Goals

- Provide some information on asthma in Pennsylvania
- Describe the indoor air quality demonstration project

Asthma Current Prevalence

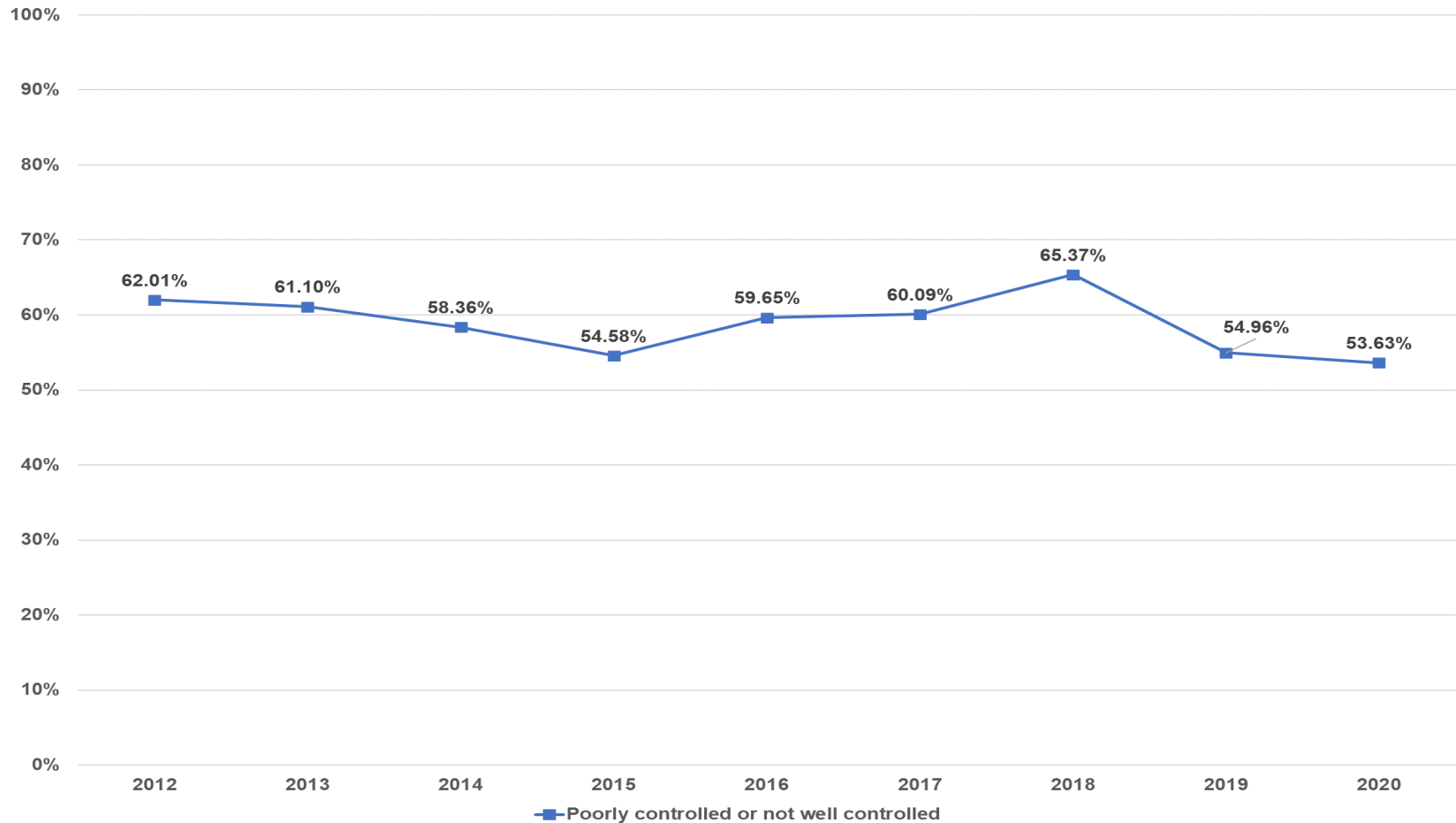
- In 2021:
 - ▣ 1 in 10 **adults** ages 18 or older reported currently having asthma in PA
 - ▣ General increasing trend from 2011 to 2021
 - ▣ 1 in 15 **children** were reported to currently have asthma in PA
 - ▣ General decreasing trend from 2011 to 2021

Asthma Current Prevalence

- **Adult** asthma is generally higher in:
 - ▣ Non-Hispanic Black adults
 - ▣ Women
 - ▣ Younger adults
 - ▣ Those with less education
 - ▣ Those with an annual income less than \$15,000
 - ▣ Current smokers
 - ▣ Adults with obesity
- **Child** asthma is generally higher in:
 - ▣ Boys
 - ▣ Those ages 10 to 14 years
 - ▣ Non-Hispanic Black children

Asthma Control in Adults

Percent of Adults 18 Years and Older Who Reported Poorly Controlled or Not Well Controlled Asthma, 2012-2020



Source: BRFSS Asthma Call-Back Survey

Asthma & Allergy Capitals

- Allentown
- Harrisburg
- Philadelphia
- Pittsburgh
- Scranton

Source: Asthma & Allergy Foundation of America

Asthma Control Program

- Goal:
 - To improve the quality of life for those living with asthma and expand the reach, quality, effectiveness, and sustainability of asthma control services and comprehensively address disparities in outcomes.

Strategic Plan Goals

- Use data to target the implementation of EXHALE strategies in overburdened communities and populations at high-risk for asthma.
- Collaborate with partners to advocate for policies to improve health care access and quality, and the places where people with asthma live, work, learn, and play.
- Replicate regional and local EXHALE strategies and best practices across the state.
- Increase collaboration between service providers, health care workers, government, and individuals and families with asthma.

Demonstration Project

- To create a replicable and sustainable education and outreach approach to expand the capacity of communities to make policy changes to improve indoor air quality.

Logic Model

Inputs	Activities	Outputs	Short-term Outcomes	Intermediate Outcomes	Long-term Outcomes
BHPRR ACP staff	Meetings with CHO supervisor and CHOs	# of CHO or HEZ areas involved	Defined, replicable approach to community engagement/relations	Replicate education and outreach approach to other areas through the CHO and HEZ infrastructure	System or policy change for sustainable improvement in indoor air quality
ACP partners	Listening sessions	# of community collaborators (individual and organizations)	hip-building in the CHO and HEZ areas		
Existing training and resources on indoor air quality and health	Community engagement/Relationship building	# of Key system leverage points	Modifiable and replicable education and outreach approach on indoor air quality	CHO and HEZ sustainable actions taken to improve indoor air quality in the community	More people have well-controlled asthma, fewer asthma attacks, fewer missed school/work days, and fewer asthma-related ED visits and hospitalizations
CHO	Identifying community indoor air quality priorities	# of education/outreach sessions	Increased knowledge of indoor air quality as an important factor to improving health and achieving equity particularly as it pertains to asthma		
CHO supervisor	Communications plan	# of indoor air quality improvement approaches discussed			Reduced disparities in asthma outcomes
HEZ contacts	Contract development or SAF	# of potential action steps identified	Increased knowledge of approaches to improve indoor air quality		
Community partners	At least one CHO or HEZ area identified				
Technology	System mapping				
Funding	Asset mapping				
Procurement staff/Contract	SWOT analysis				
System change tools	Implementation and evaluation plan		At least one identified meaningful and workable action step to improve indoor air quality in the pilot community		
	Data analysis plan				
	Education/Outreach approach developed				

Process

- Outreach to the Community Health Organizers (CHO's)
- Developed talking points for the CHO's.
- Attended a community meeting in Allentown in June and made a request to come back
 - ▀ Landlord accountability, tenant's rights, asbestos in demolition, health impacts of new construction

Next Steps

- Research
- Reconnecting with community
- Redesign of budget
- What connections need to be made

Lessons Learned

- CHO perceived topic importance may be different than the community's
- Move at the community's timeline
- Maintain connections and have multiple
- Vagueness makes people uneasy
- Be clear about goals and intentions

Contact Information

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