



Director's Report

Debra L. Bogen, MD
Board of Health
July 13, 2022



Outline

- COVID-19 update
- Monkeypox
- Human resources
- Public Health Accreditation Board (PHAB)
- Notable activities
- Bureau and program updates



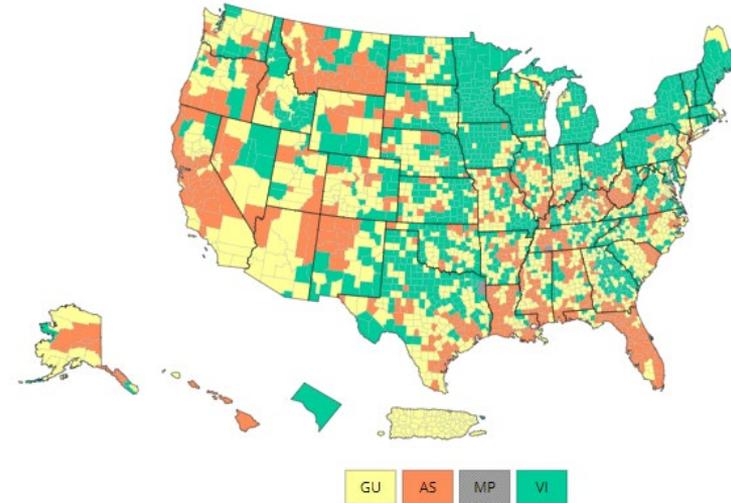
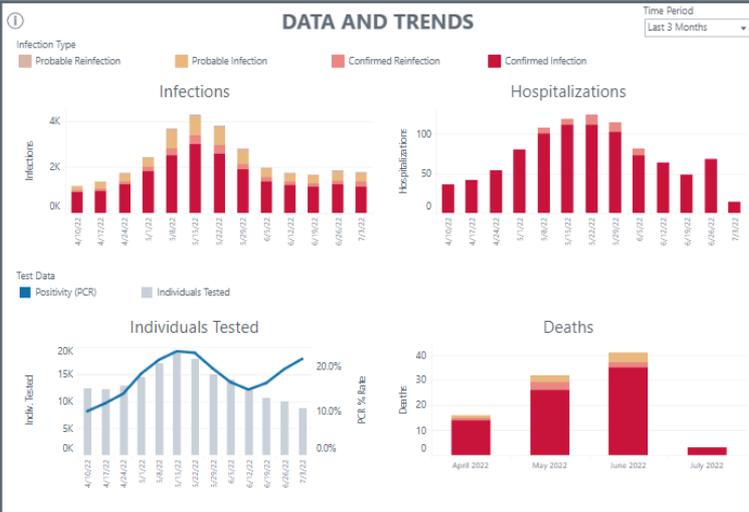


① **OVERALL**

Infections: 294,089	Individuals Tested: 950,199	Positivity (PCR): 11.3%	Hospitalizations: 14,206	Deaths: 3,346
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① **7-DAY MOVING AVERAGE**

Infections: 235	Individuals Tested: 1,326	Positivity (PCR): 19.9%	Hospitalizations: 9	Deaths: 1
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COVID-19 County Check

Find community levels and prevention steps by county. Data updated:

Select a Location (all fields required)

Pennsylvania
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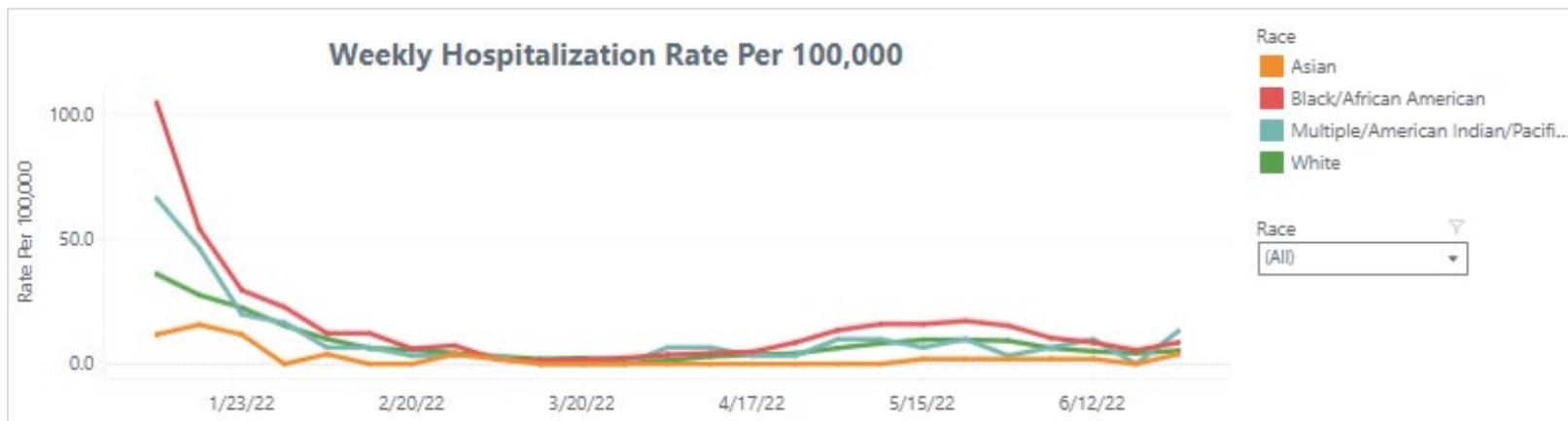
Allegheny County

< Start Over

● **Low**

In Allegheny County, Pennsylvania, community level is **Low**.

Last Updated:
7/12/2022 10:43:47 AM





Hospitalizations and Deaths by Vaccination Status

Hospitalizations per 10,000 by Vaccination Status in Allegheny County

Hospitalizations per 10,000 (Booster): 19.1

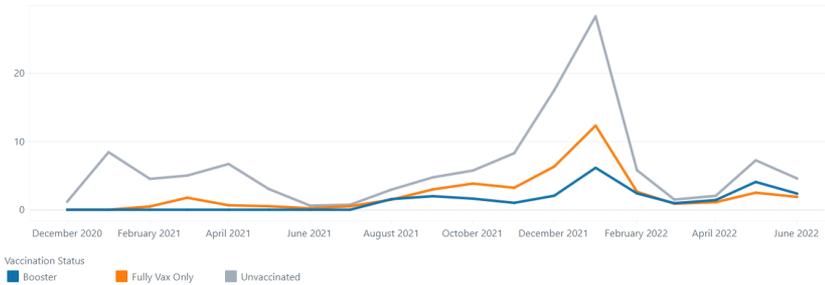
Hospitalizations per 10,000 (Fully Vax Only): 35.7

Hospitalizations per 10,000 (Unvaccinated): 291.9

Hospitalizations per 10,000 by Month

Time Period: 12/28/2020 - 6/30/2022

Please note that the booster dose was not made available until 8/13/2021 in Allegheny County.



Deaths per 10,000 by Vaccination Status in Allegheny County

Deaths per 10,000 (Booster): 2.0

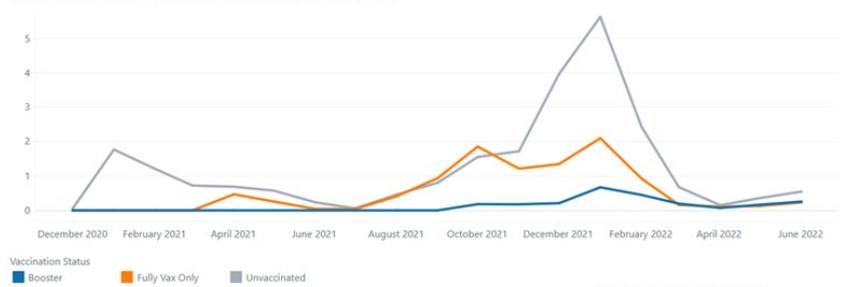
Deaths per 10,000 (Fully Vax Only): 8.3

Deaths per 10,000 (Unvaccinated): 56.3

Deaths per 10,000 by Month

Time Period: 12/28/2020 - 6/30/2022

Please note that the booster dose was not made available until 8/13/2021 in Allegheny County.

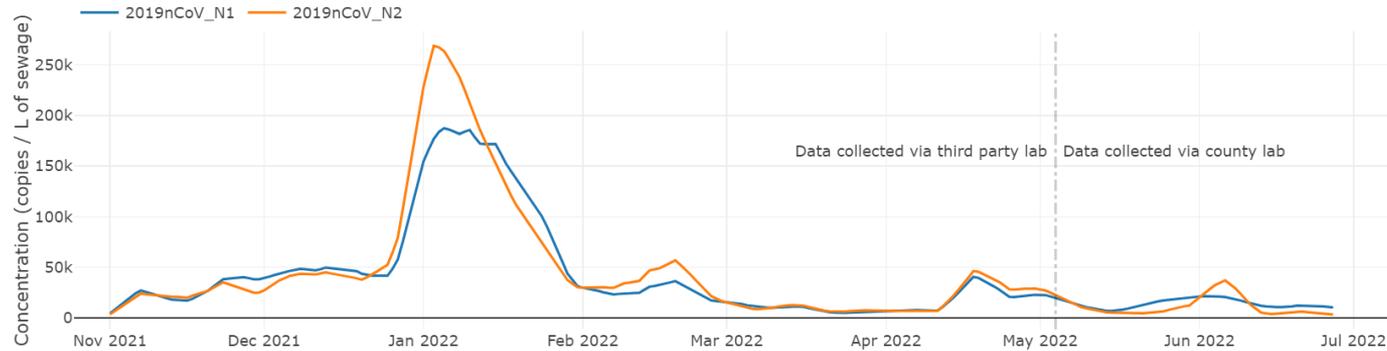


Last Data Refresh: 7/7/2022 2:30:53 PM



COVID-19 Wastewater Surveillance

Adjusted virus levels



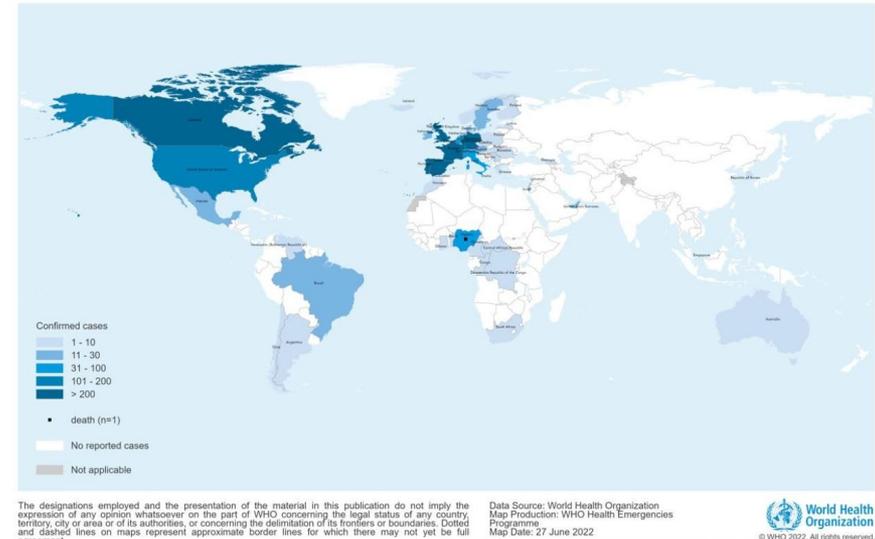
From 06/19/2022 to 06/27/2022

Viral marker N1 trend
4% daily decrease

Viral marker N2 trend
7% daily decrease

- Monkeypox spread through:
 - Direct contact with infectious rash, scabs or body fluids
 - Respiratory secretions during prolonged, face-to-face contact, intimate physical contact (kissing, cuddling or sex)
 - Touching objects, fabrics (such as clothing or linens) that previously touched rash or body fluids of someone with monkeypox
 - Pregnant people to fetus via placenta
- Can be acquired by all people, regardless of gender or sexual orientation

Figure 1. Geographic distribution of confirmed cases of monkeypox reported to or identified by WHO from official public sources, between 1 January and 22 June 2022, 17:00 CEST, (n=3413)



Orthopoxvirus (genus of variola (smallpox), vaccinia (used in smallpox vaccine), cowpox.
Not related to chickenpox)



Monkeypox Clinical Information

- Incubation period averages
 - 7–14 days (range 5–21 days)
 - Persons may not have symptoms and may feel fine - not contagious
- Prodrome
 - Early set of symptoms: fever, malaise, headache, sore throat, cough, and swollen lymph nodes
 - Not everyone has symptoms
 - Persons may be contagious
- Rash
 - Following prodrome, lesions develop on body, mouth, eyes, palms, soles and progress through several stages
 - Contagious from onset of symptoms until scabs healed over



Monkeypox Treatment and Prevention

- Vaccines
 - JYNNEOS
 - Live vaccine from attenuated, nonreplicating orthopoxvirus
 - Licensed by FDA Sept 2019 - smallpox and monkeypox disease prevention in adults >18 at high risk for infection
 - ACAM2000
 - [Considerations for Monkeypox Vaccination | Monkeypox | Poxvirus | CDC](#)
- TPOXX - antiviral med for treatment of human smallpox disease
 - Requires CDC approval – investigational drug
 - Specific clinical indications (e.g., severe disease or high risk)



Local Response to Contain Spread of Monkeypox

- Case investigation
 - Test to confirm monkeypox (state and commercial labs)
 - Complete case investigation form, identify and call close contacts
 - Supportive care typically enough – consider antivirals with consultation
- Close Contacts
 - Monitor for 21 days
 - If develop symptoms – test
 - Consider post-exposure prophylaxis with vaccines (depend on risk level)
 - Limited allocation of JYNNEOS vaccine to ACHD for high-risk individuals (more doses anticipated)
- Cases evaluated in outpatient clinics, including ACHD STD clinic



Personnel Updates: New Deputy Directors

Environmental Health

Geoff Rabinowitz
started June 21



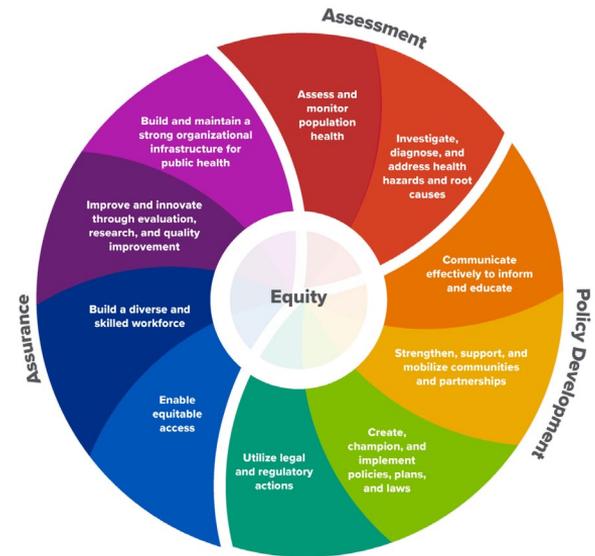
Community and Family Health

Dannai Wilson
started July 5



PHAB Reaccreditation Planning

- Community Health Assessment (CHA) in layout
- Community Health Improvement Plan (CHIP) (helps/support from 4th Economy)
 - June Held 9 listening sessions
 - Nearly 400 surveys completed
 - July
 - Review data from both
 - Draft key metrics, goals, and strategies
 - August
 - Draft CHIP for external review





Notable Recent Activities

- Report and website updates
 - Opioid Dashboard updated with 2021 data
 - School Immunization Report 2021-22
 - COVID-19 Variant, Postvaccine, and Wastewater Surveillance data
- WIC program [Infographic](#) to address baby formula shortage – also many presentations to stakeholder groups and media interviews
- Public Comment
 - 2023 Air Monitoring Network Plan (ended June 9) [Air Quality Reports and Studies page](#)
 - Edgar Thomson draft Title V Operating Permit (June 29 in Braddock)
- Summer Institute interns from Pitt Public Health



Bureau Updates

- Environmental Health
 - Air quality software on schedule for completion by end of year
 - Plumbing regulations passed (2015 IPC), today vote to send to public comments incorporation of 2018 IPC
 - Plumbing program to begin limited pilot program for virtual inspections
- Data Reporting and Disease Investigation
 - Continues work on COVID-19, monkeypox, other reportable diseases
 - Quality improvement project to ensure reports meet community needs
 - Significant role in preparing data for CHA



Bureau Updates Continued

- Administration
 - Hiring top priority
 - Preparing budget for upcoming fiscal year
 - Managing record number of grants
- Clinical
 - Vaccinating for COVID-19 (including age <5), influenza, travel vaccines, and other routine recommended vaccines for adults and children
 - Following up animal bite and rabies reports
 - NACCHO grant to pilot project for community pharmacy to administer STD treatment



Bureau Updates Continued

- Laboratory
 - COVID-19, rabies and other testing
 - Evaluating future needs of laboratory
- Community and Family Health
 - Responding to formula shortage
 - Office of Violence Prevention working with DHS on RFPS to expand work
- Food, Housing and Policy
 - Article III signed; preparing to implement January 1, 2023
 - <https://www.alleghenycounty.us/Health-Department/Programs/Food-Safety/Food-Safety-Regulations.aspx>
 - Housing - mosquito and rabies prevention work



Upcoming presentation
Otis Pitts, JD, MPH

Overdose Epidemic



ACHD at Community Events

Allegheeny County
Health Department



ACHD Overdose Prevention Program Update

Otis Pitts

ACHD Deputy Director

7/13/22

Board of Health Meeting

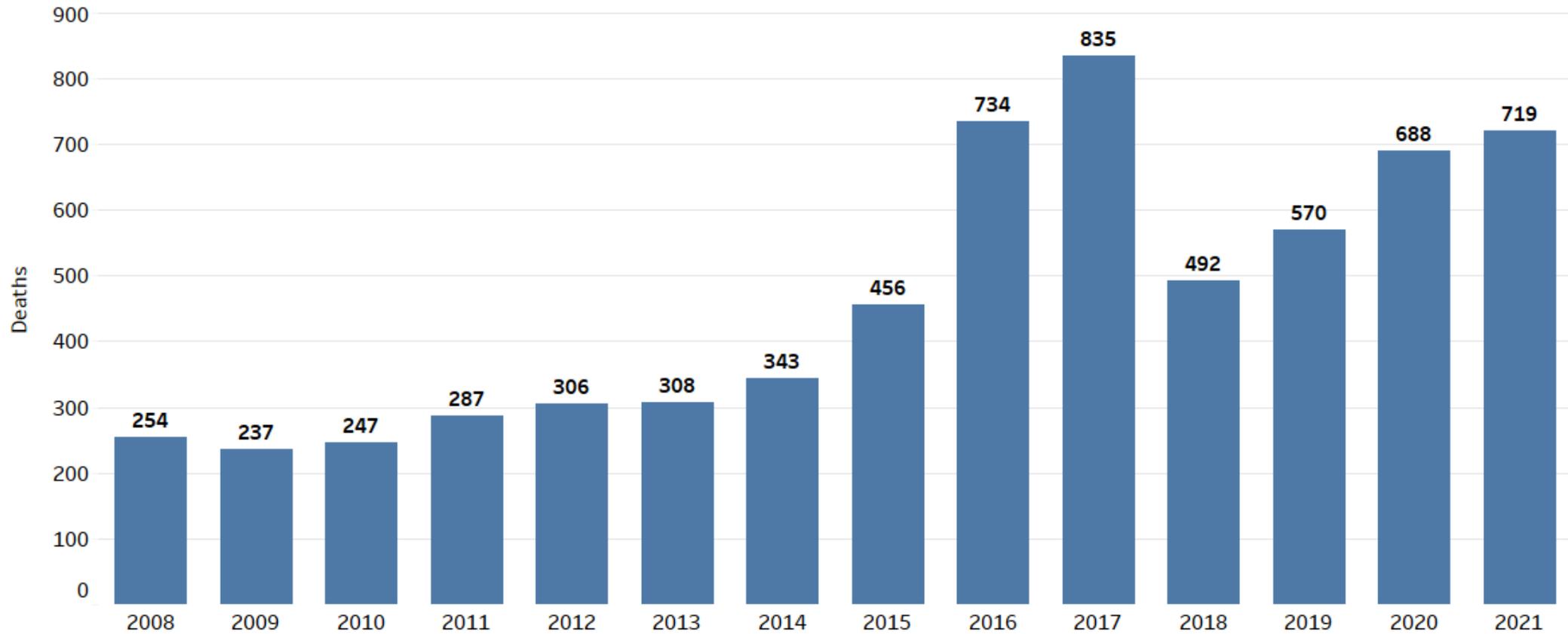
Allegheny County
Health Department

“I carry
naloxone
because
overdose
can happen
to anyone.”

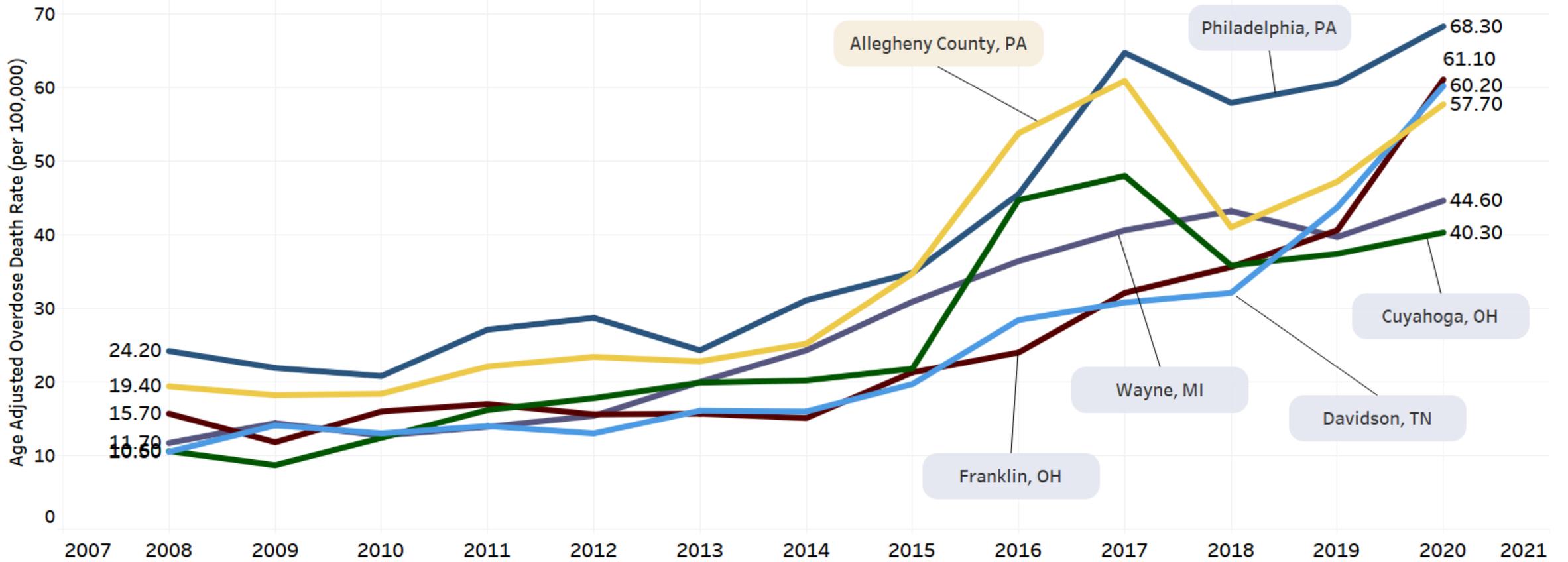
[HARMREDUCTIONALLEGHENY.ORG](https://harmreductionallegheny.org)



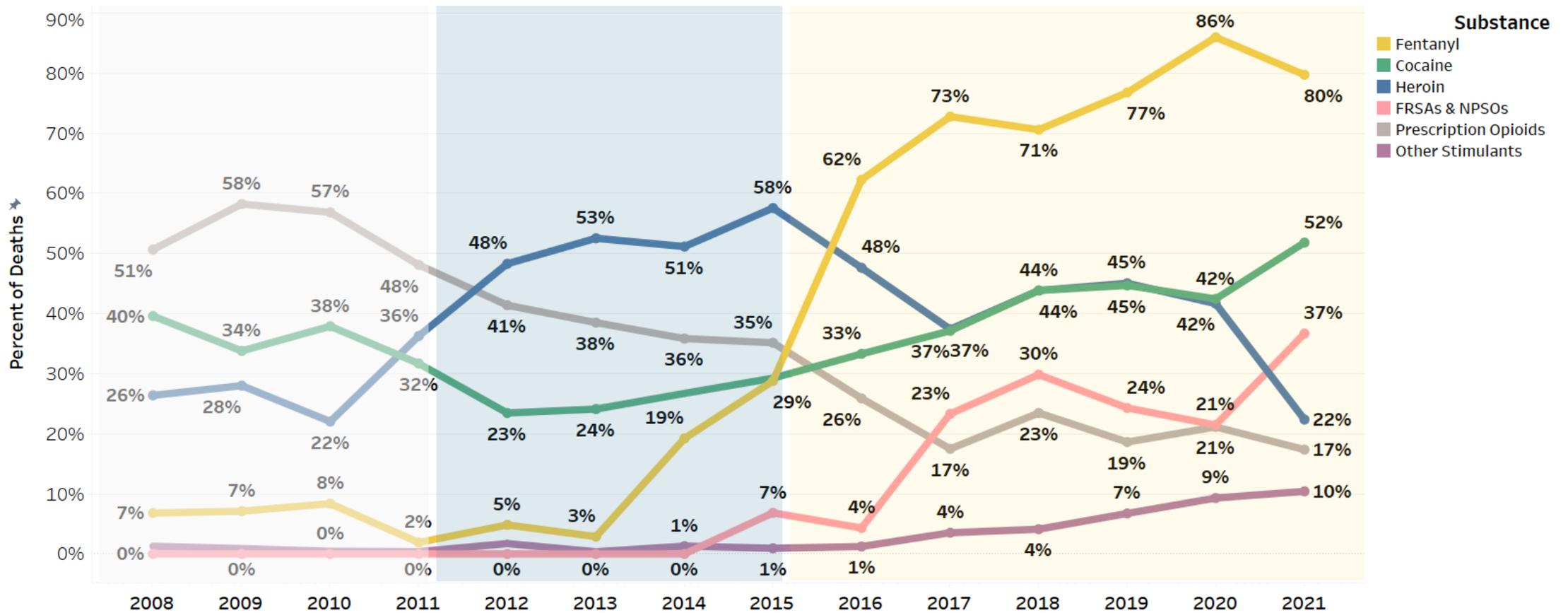
Overdose Deaths 2008-2021



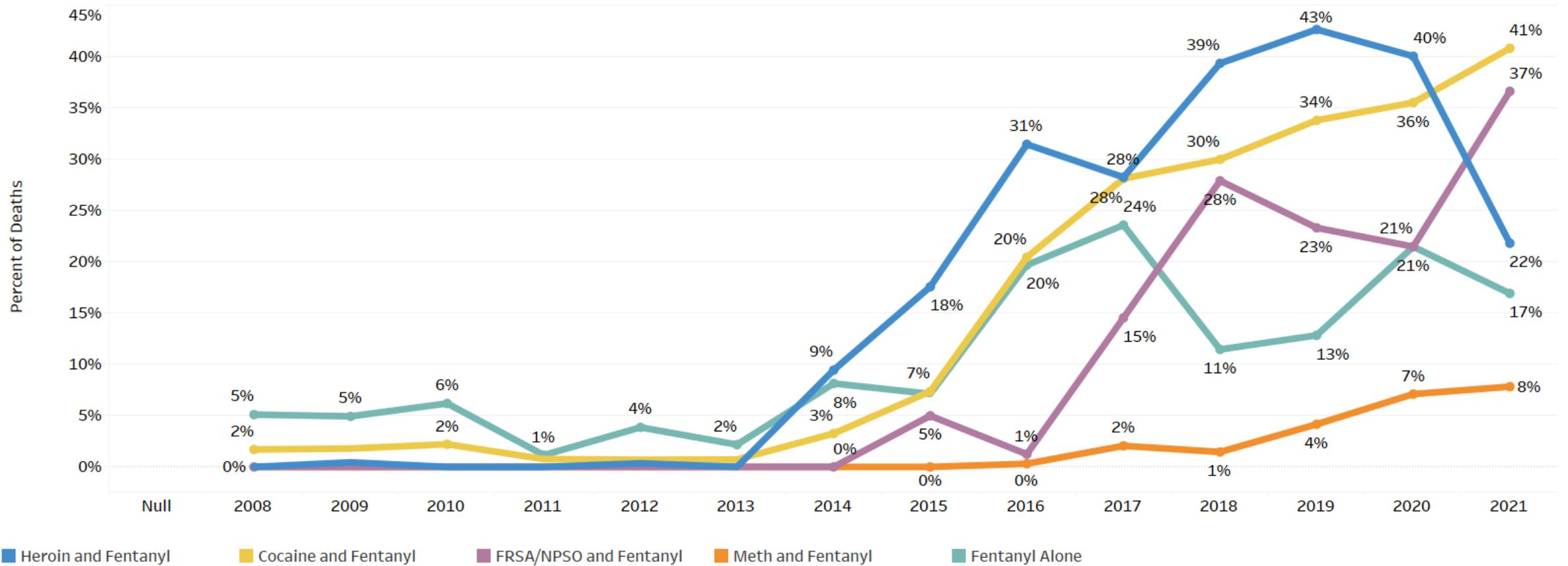
Overdose Death Rate by County 2008-2020



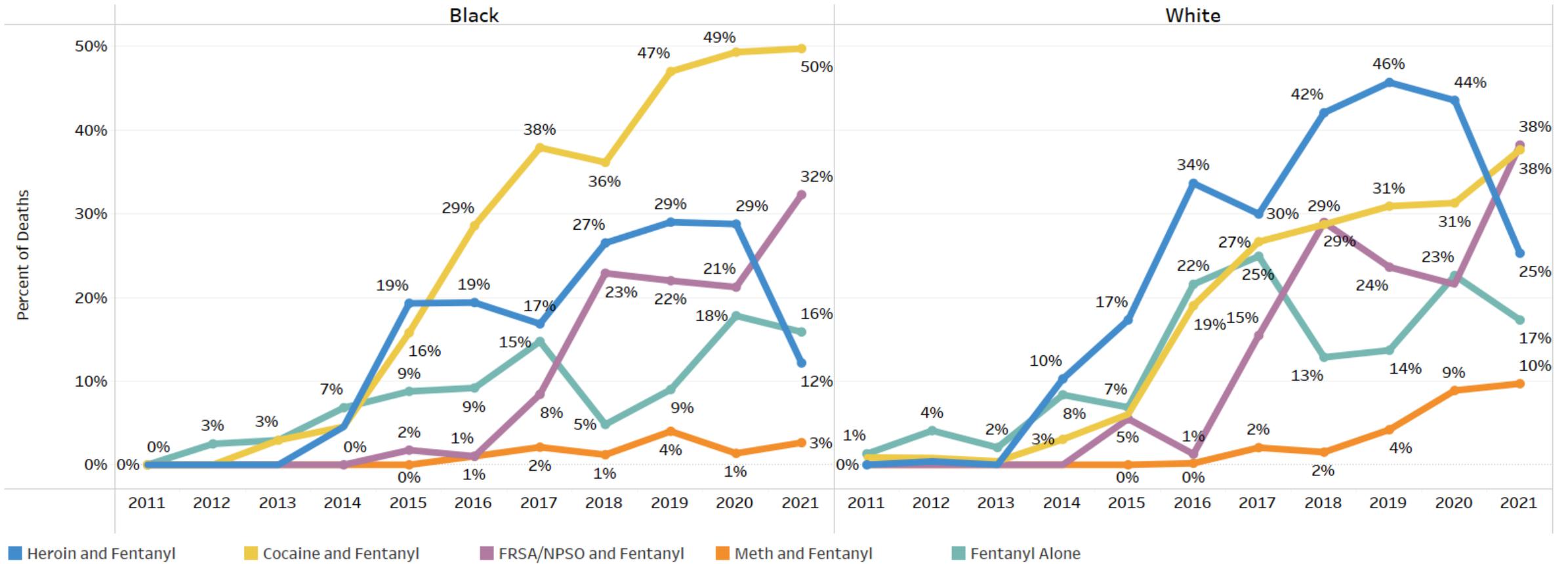
2008 – 2021 Overdose Death Substance Trends



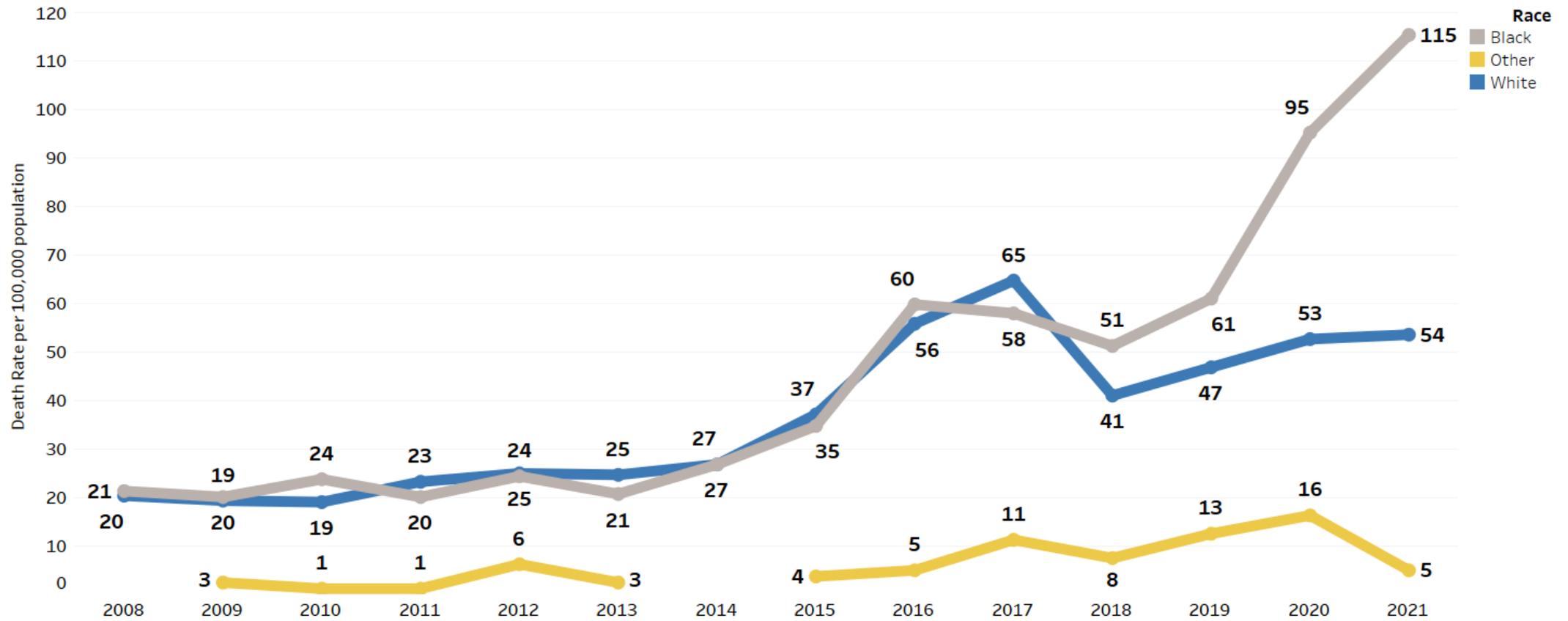
2008 – 2021 Drug Combinations in Overdose Deaths



2008 – 2021 Drug Combinations in Overdose Deaths by Race



2008 – 2021 Overdose Rate Trends



Overdose Deaths 2021

Allegheny County Municipalities

Overdose Deaths	Overdose Death Rate (per 1,000)
Pittsburgh - 281	Pittsburgh 9.3
McKeesport - 24	Mount Oliver - 2.6
Penn Hills - 19	Clairton - 2.1
Wilkinsburg - 17	Stowe - 2.0
Clairton - 14	Sharpsburg - 1.7
Stowe - 13	Hamar - 1.7
Monroeville - 10	Ingram - 1.5
Carnegie - 10	McKees Rocks - 1.5
Mount Oliver - 9	Tarentum - 1.3
McKees Rocks - 9	Carnegie - 1.3

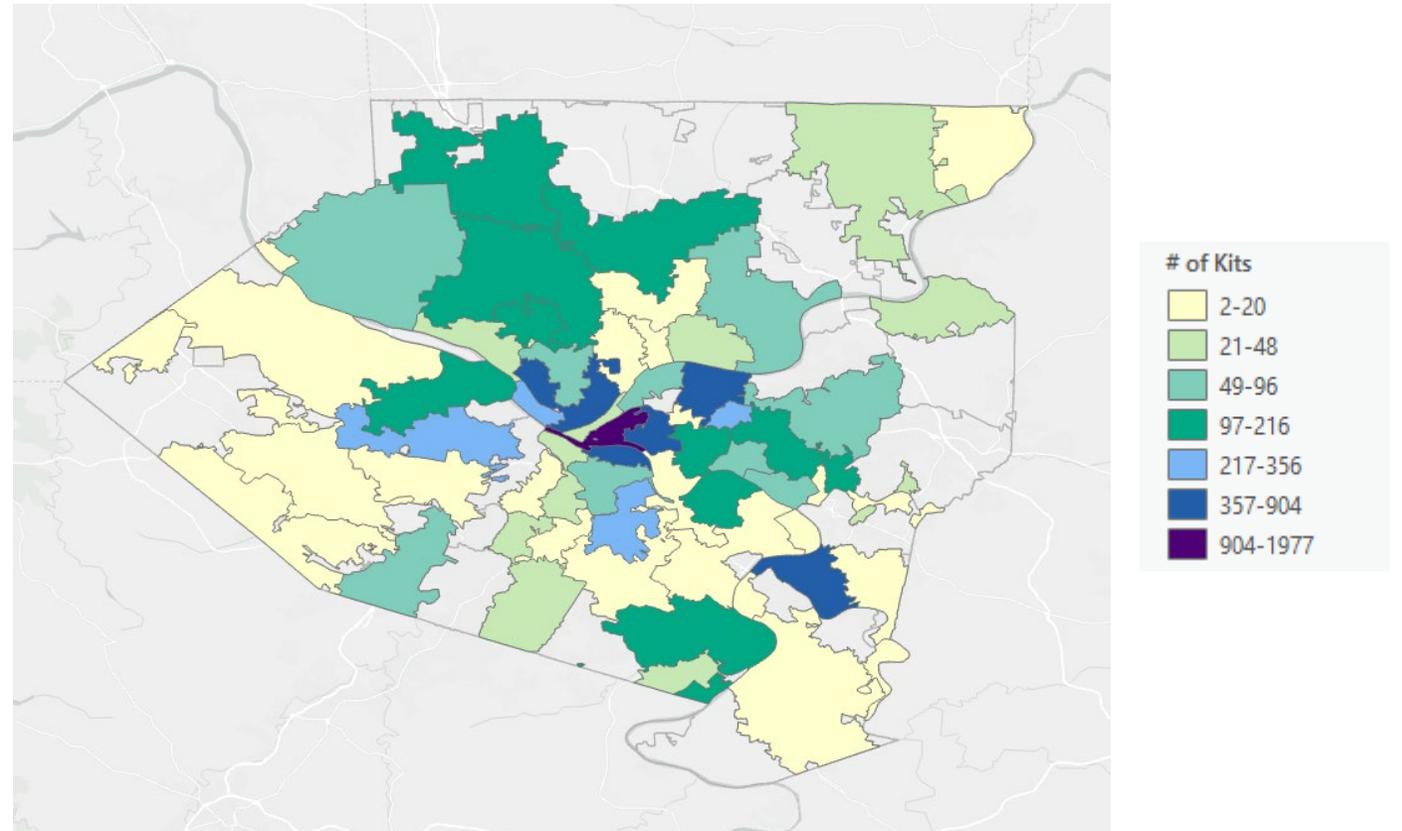
Pittsburgh Neighborhoods

Overdose Deaths	Overdose Death Rate (per 1,000)
Downtown - 14	Bedford Dwellings - 5.0
South Side Flats - 10	Middle Hill - 4.1
Marshall Shadeland - 10	Downtown - 3.9
Carrick - 10	West Oakland - 2.8
Bloomfield - 10	Troy Hill - 2.6
Knoxville - 9	Knoxville - 2.4
Beechview - 9	East Allegheny - 2.3
South Side Slopes - 8	Spring Hill - City View - 2.3
Perry South - 8	Crawford Roberts - 2.2
Troy Hill - 7	Homewood South - 2.1



Naloxone distribution 2021

- Naloxone distributed to 208 different organizations
- 9,585 total Kits Distributed
 - 60% of kits to target areas identified by hot-spot analysis
 - 2,681 kits to treatment/recovery and harm reduction organizations
 - 1,127 kits to social service agencies
 - 2,320 kits to non-traditional first responders such as schools, churches and small businesses
 - 1,860 kits to traditional first responders



Naloxone Distribution and Connection to Care 2020-2021

- Hosted more than 130 trainings or events and distributed more than 9,000 kits of Narcan and trained over 3,893 people to administer. ACHD will receive 14,000 kits from PCCD over the next year.
- Supported over 300 referrals for connection to treatment (MOUD). Partners include Bridge to the Mountains, HSAO, Squirrel Hill Health Center, and more.

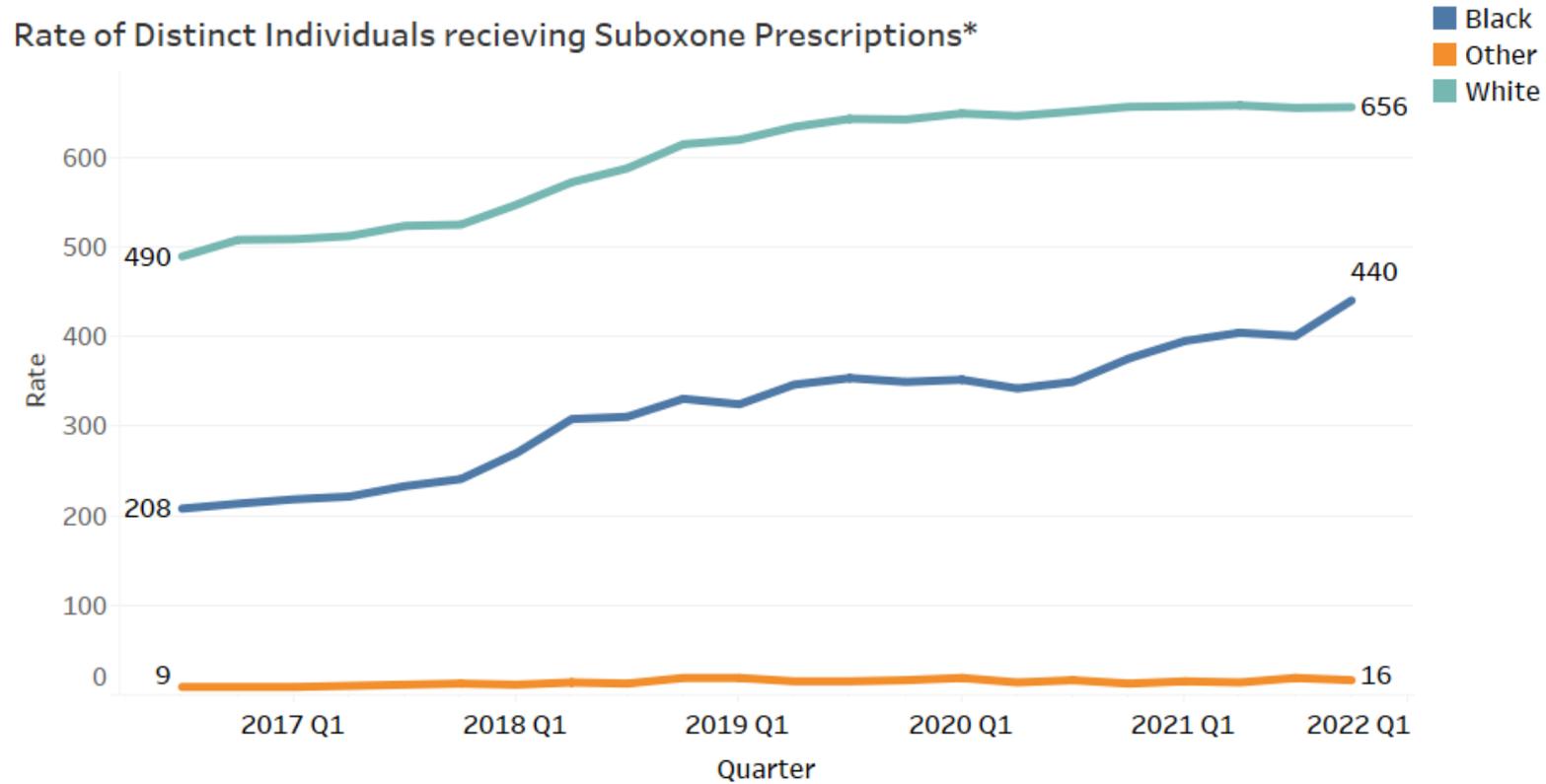


Overdose Prevention Subawards

- Working with organizations serving high-risk populations
 - Reimagine Reentry (returning citizens)
 - Individuals on probation and parole
 - Liberations (Ukombozi) for community-based naloxone distribution
 - Za'kiyah House for recovery houses accepting MOUD
- Targeting hotspot areas in the county
 - McKeesport, Homewood, Braddock, Clariton, Beechview, Brookline, Homestead, Tarentum, East Liberty, Duquesne, and East Allegheny through NACCHO mini-grants, providing resources for substance use disorder and adverse childhood experiences



Suboxone Prescribing (2016 – 2021)



*Suboxone prescriptions only include those dispensed at a pharmacy



Program Update: Academic Detailing on MOUD

Clinical and Provider Support

- Efforts through OD2A programming to educate providers on Medications for Opioid Use Disorder

Increase education of area service providers on MOUD	Increase capacity of area service providers
<ul style="list-style-type: none">• ACHD contracts with Alosa Health to target primary care physicians and encourage prescribing of Medication for Opioid Use Disorder and recognizing the signs of OUD.• Alosa and UPMC partner to educate providers on tapering opioids and replacing with Buprenorphine	<ul style="list-style-type: none">• Squirrel Hill Health Center provides technical assistance on starting MOUD programs to other organizations• Latterman continues to provide x-waiver trainings for residents• Allegheny Health Network providing education on harm reduction to provider groups

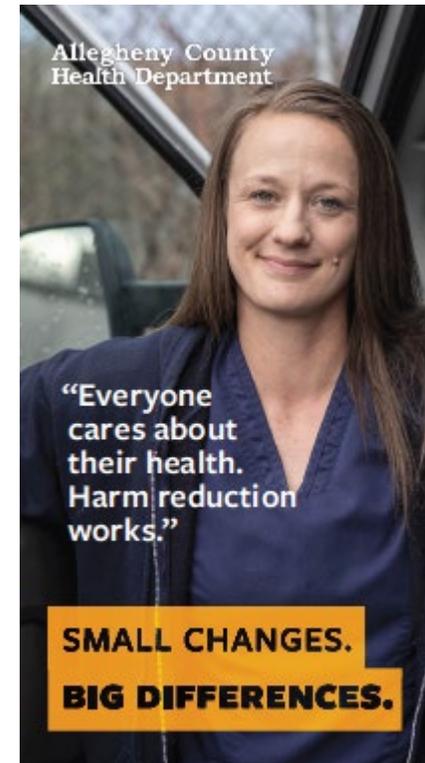
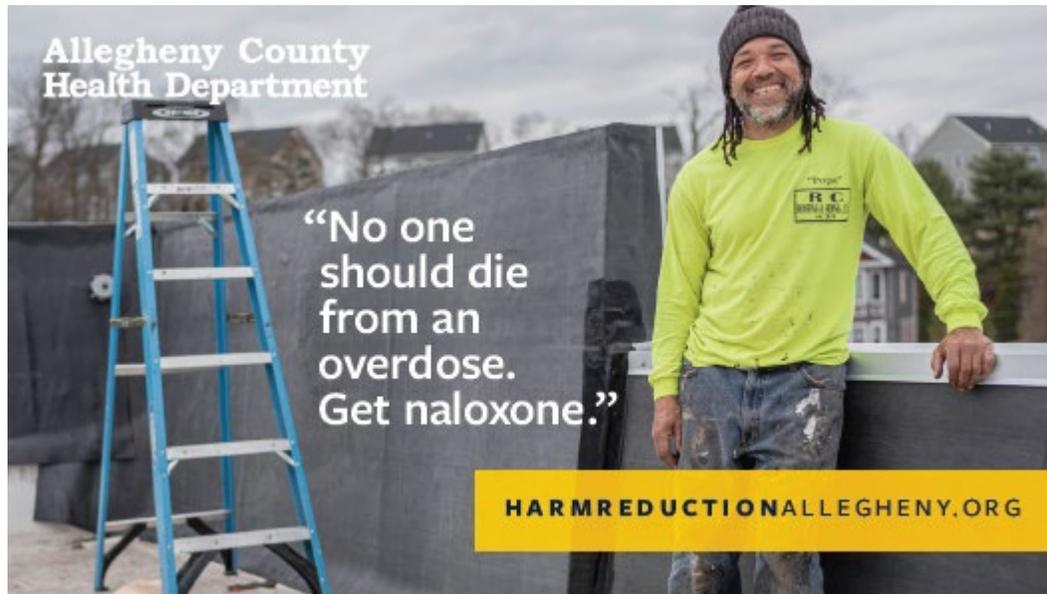


Other Program Updates

- “Small Changes, Big Differences” communications campaign
- Target audience: People who use drugs, Black individuals, friends and family of drug users
- Messaging on reducing stigma around substance use disorder and treatment, informing about the changing local drug supply, and promoting safety through lifesaving harm reduction tools, such as naloxone
- Campaign informed by focus groups, shared stories, and interviews on real experiences



Small Changes, Big Differences Campaign



HARMREDUCTIONALLEGHENY.ORG





Proposed Revisions to Article XV

Plumbing & Building Drainage

Kim Joyce, MBA, ACHD Deputy Director





Overview

- Article XV is being revised as a result of the state's adoption of the 2018 amendments to the International Plumbing Code (IPC)
- Revisions were developed by the plumbing program, legal, and environmental health management
- Plumbing Advisory Board unanimously recommended the revisions on June 29, 2022
- The 2018 amendments are not as substantial as the 2015 amendments
- The amendments mainly clarify definitions and change verbiage in existing sections



Examples of Changes

- Chapter 2 - Definitions - Grease Interceptors
- 403 - Name change from “Family and Assisted Use” to “Single User” facilities
 - When two or more toilet rooms are provided for each sex, single user facilities require their own lavatories
- Section 605 - no longer approved brass pipe to be installed for water service and water distribution pipes because of lead content
- Section 703 - more stringent inspection processes as it pertains to building sewers
- Chapter 13 - to bring more specificity to Non Potable water systems as far as Sun/UV exposure



Approval for Public Comment

