



**Erie County
Department of
Health**



Public Health
Prevent. Promote. Protect.



Erie County
Opiate Epidemic
Task Force

ERIE COUNTY OPIOID OVERDOSE DATA

**HEALTH CARE PROVIDER EDUCATION
AND POLICY REFORM ACTIVITIES
ACTIVITIES UPDATE**

Agenda

- Opioid OD death trends
- Hepatitis A
- Hepatitis C
- Champions Project: ↑MAT in primary care
- Naloxone initiative
- SBIRT roll out
- Opioid Mortality Review Board



**Erie County
Department of
Health**

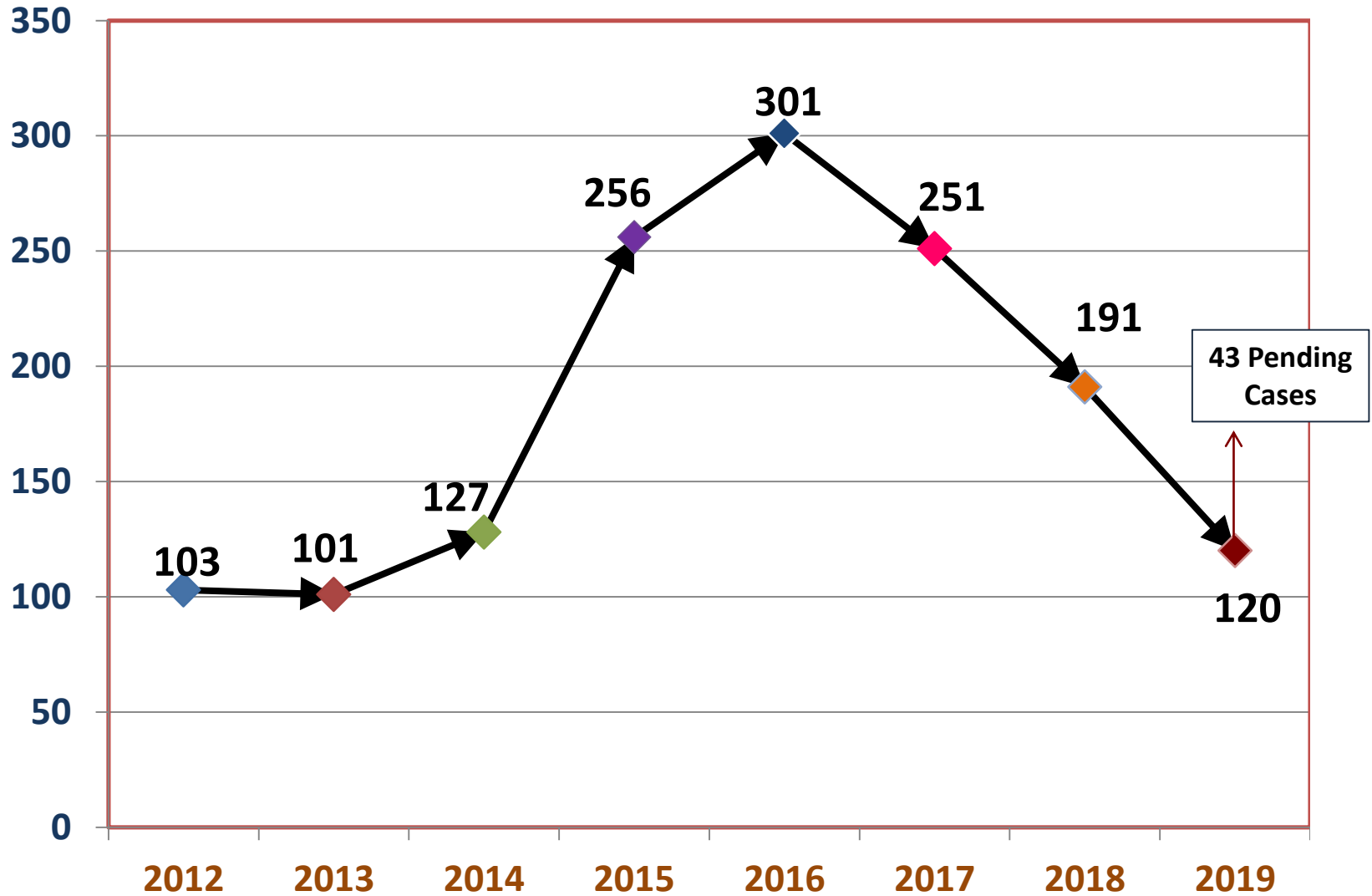


Public Health
Prevent. Promote. Protect.

OPIOID RELATED DEATHS ERIE COUNTY

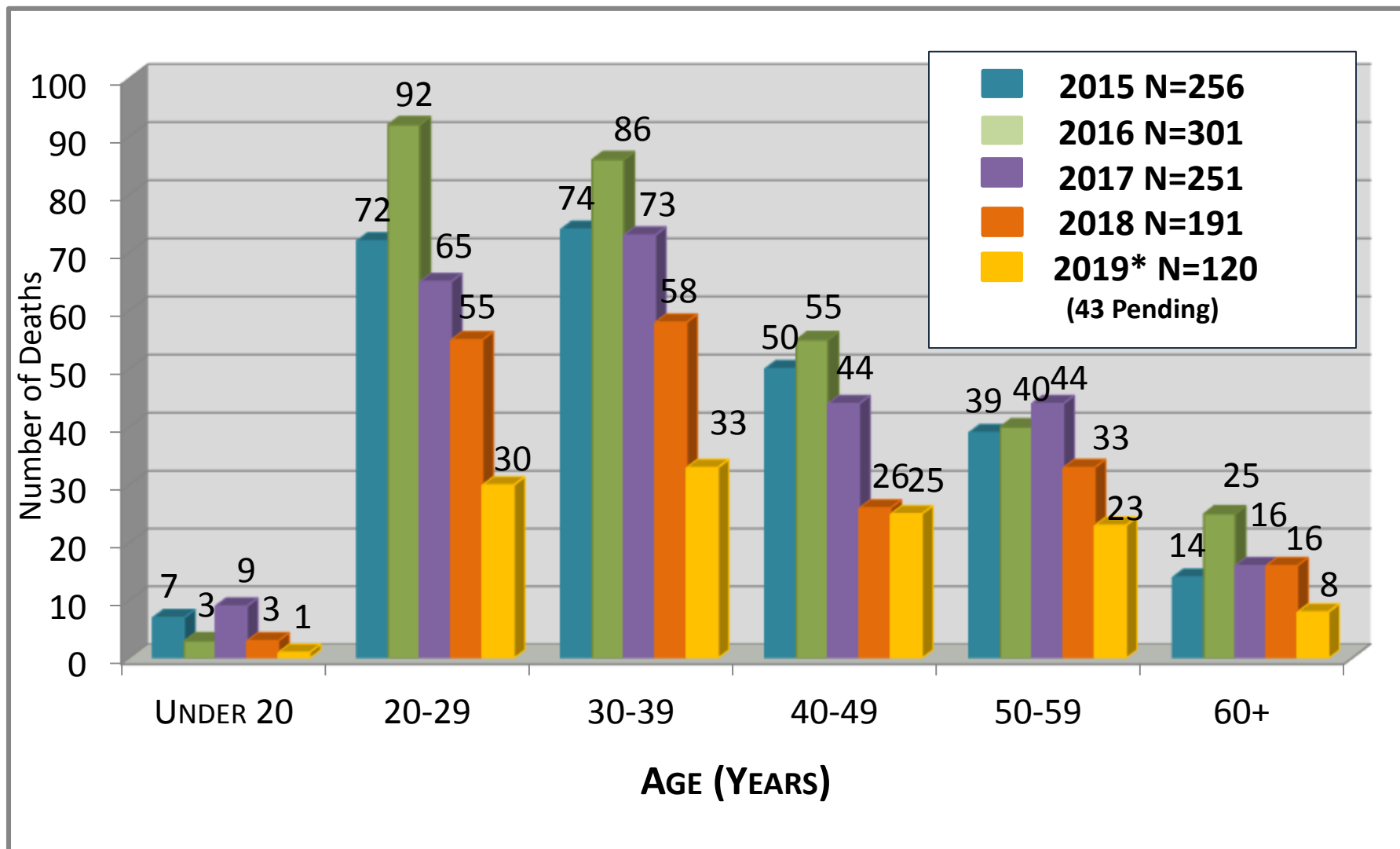
As of 8/1/2019

2012 – 2019* OPIOID RELATED DEATHS ERIE COUNTY



SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE, *CLOSED CASES REPORTED THRU 1/31/2020

2015 – 2019* ERIE COUNTY OPIOID RELATED DEATHS BY AGE



SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE, *CLOSED CASES REPORTED THRU 1/31/2020

2018 CENSUS ESTIMATES

ERIE COUNTY, NEW YORK

	Number	Percent
Total Population	919,719	100
Race		
White	740,924	80.6
Black or African American	134,501	14.6
Asian or Pacific Islander	36,472	4.0
American Indian or Alaska Native	7,822	0.9
Gender		
Female	474,777	51.6
Male	444,942	48.4
Age		
15-19	57,837	6.3
20-29	128,597	14.0
30-39	118,422	12.9
40-49	103,167	11.2
50-59	129,113	14.0
60-69	117,349	12.8
70+	112,662	12.2

Opioid Death Statistics

2017: 84% White
 2018: 79% White
 2019*: 83% White

2017: 73% Male
 2018: 70% Male
 2019*: 78% Male

2017: 55% 20-39 years of age
 2018: 59% 20-39 years of age
 2019*: 53% 20-39 years of age

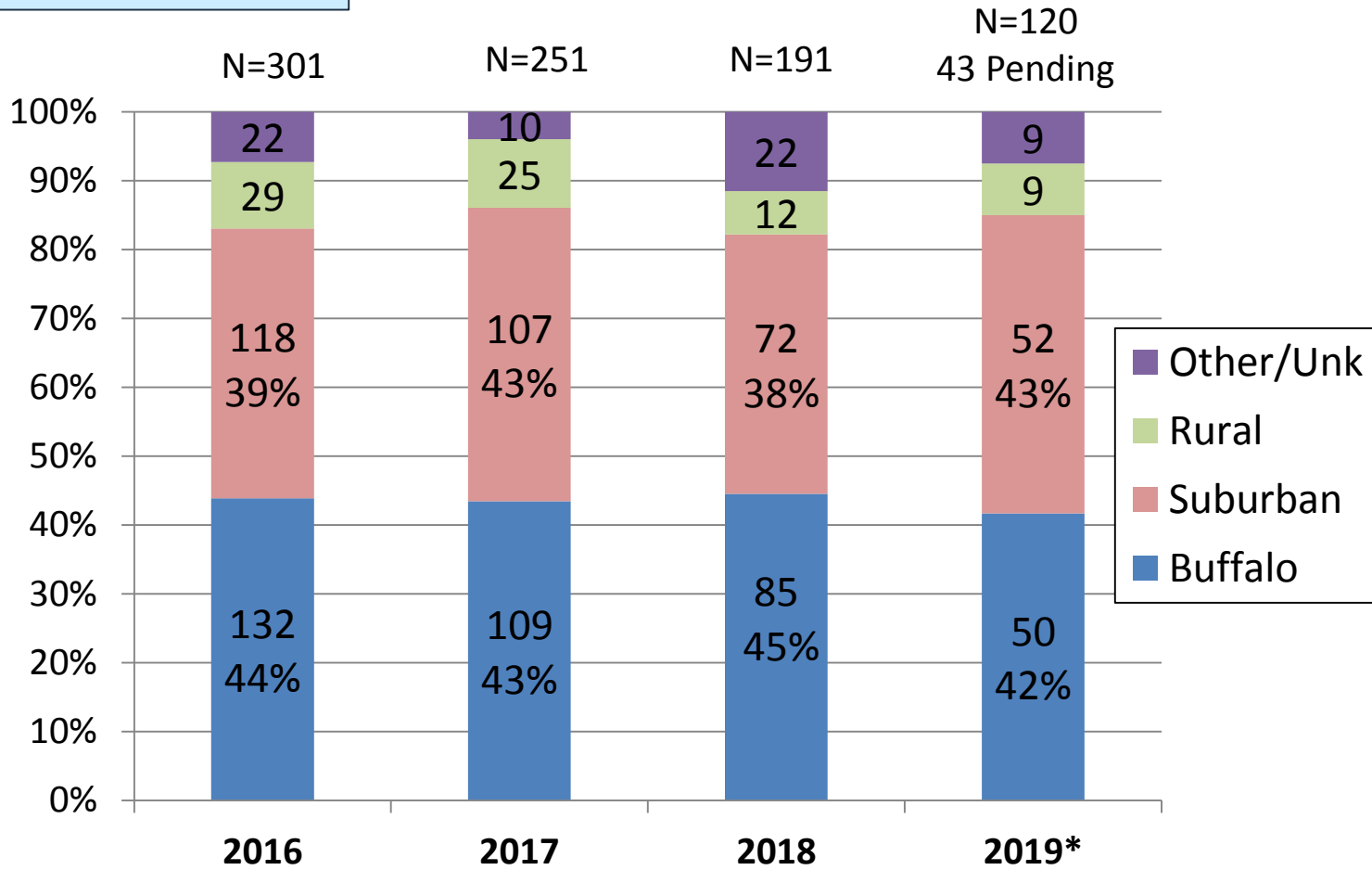
2016 – 2019* PERCENT OF ERIE COUNTY OPIOID RELATED DEATHS BY RESIDENCE



Buffalo
28% of persons who live in Erie County reside in the City of Buffalo

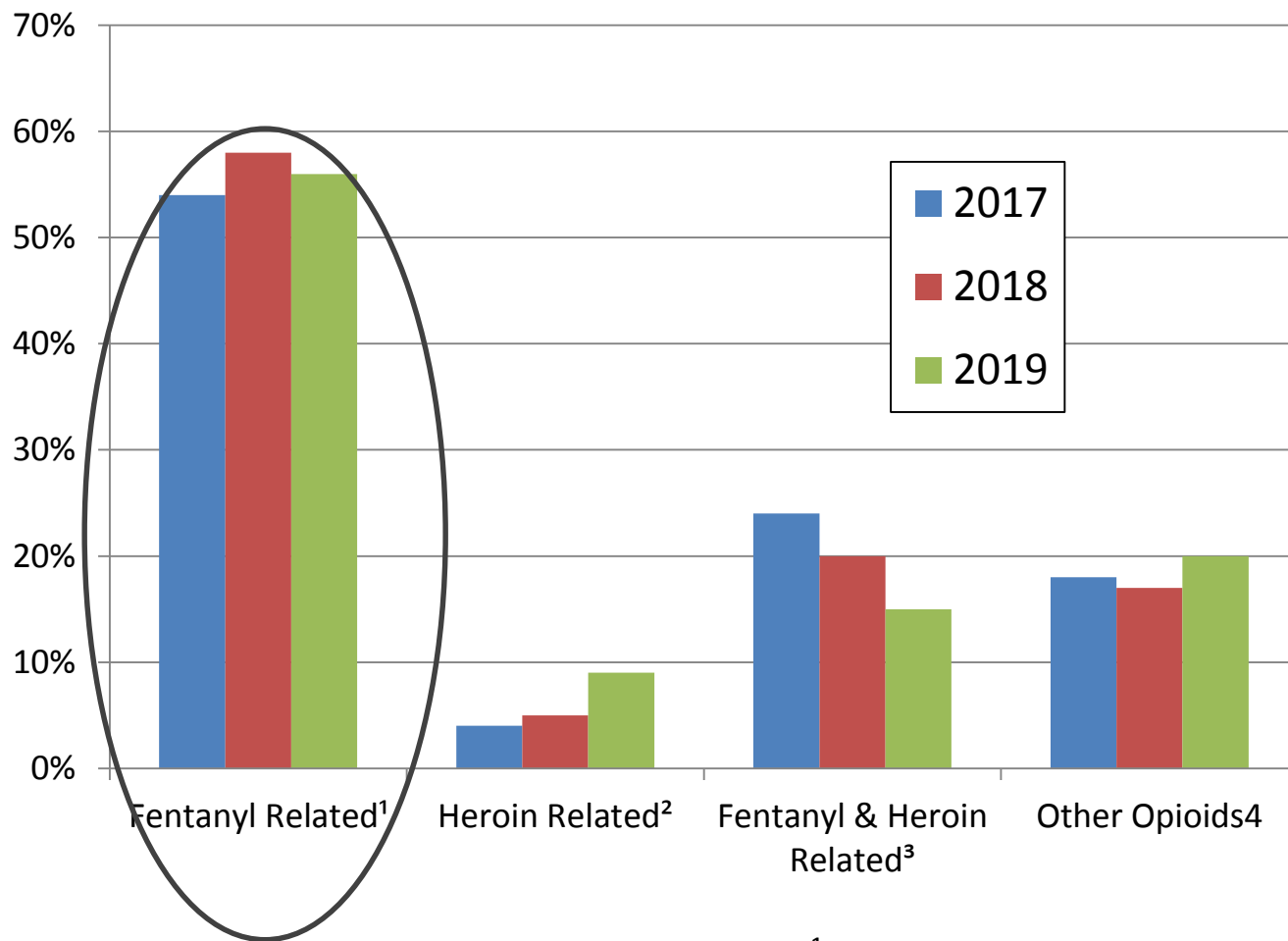
- SUBURBAN TOWNS:**
- AMHERST
 - CHEEKTOWAGA
 - CLARENCE
 - GRAND ISLAND
 - HAMBURG
 - LACKAWANNA
 - LANCASTER
 - ORCHARD PARK
 - TONAWANDA
 - WEST SENECA

- RURAL TOWNS:**
- ALDEN
 - AURORA
 - COLDEN
 - COLLINS
 - CONCORD
 - EDEN
 - ELMA
 - EVANS
 - GOWANDA
 - HOLLAND
 - MARILLA
 - NEWSTEAD
 - NORTH COLLINS
 - SARDINIA



SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE, *CLOSED CASES REPORTED THRU 1/31/2020

2017 – 2019* PERCENT OF ERIE COUNTY OPIOID RELATED DEATHS BY TYPE OF OPIOID



2017
All Fentanyl = 78%
All Heroin = 28%

2018
All Fentanyl = 79%
All Heroin = 25%

2019*
All Fentanyl = 71%
All Heroin = 24%

¹ NO HEROIN; POSSIBLE OTHER DRUGS INVOLVED

² NO FENTANYL; POSSIBLE OTHER DRUGS INVOLVED

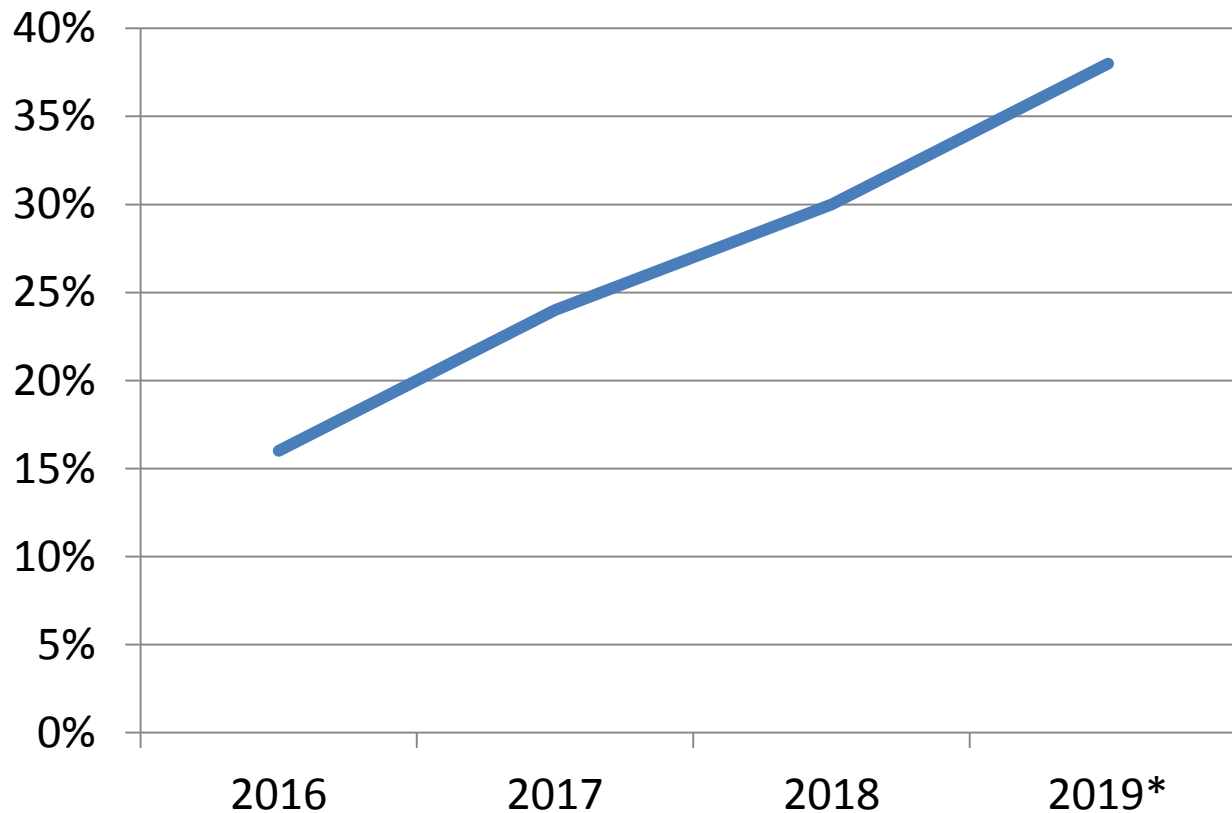
³ POSSIBLE OTHER DRUGS INVOLVED

⁴ NO FENTANYL OR HEROIN; POSSIBLE OTHER DRUGS INVOLVED

SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE

*CLOSED CASES REPORTED THRU 1/31/2020

2016 – 2019* PERCENT OF ERIE COUNTY OPIOID RELATED DEATHS ASSOCIATED WITH FENTANYL¹ AND COCAINE



SOURCE: ERIE COUNTY MEDICAL EXAMINERS OFFICE

*CLOSED CASES REPORTED THRU 1/31/2020

¹Includes all Fentanyl related deaths.

Hepatitis A

Number of Hepatitis A Cases Reported to Erie County

Year	Number
2013	0
2014	4
2015	3
2016	2
2017	4
2018	32
2019	45

~40% of reported Hep A cases have history of injection and/or non-injection drug use during exposure window

Hepatitis A Vaccine indicated for:

- ✓ Persons who use injection and non-injection illegal drugs.
- ✓ Persons who are homeless.
- ✓ Persons who are incarcerated.
- ✓ Persons who work with the high risk populations listed above.
- ✓ All children at age 1 year.
- ✓ Persons who have close contact, care for, or live with someone with HAV.
- ✓ Persons engaging in sexual activities with HAV+ person.
- ✓ Men who have sex with men.
- ✓ Travelers to countries with high/medium rates of HAV.
- ✓ Persons with chronic liver disease, such as cirrhosis, hepatitis B, or hepatitis C.
- ✓ Persons with clotting factor disorders.

The immunogenicity of 1 dose of hepatitis A vaccine is 94% to 100%!

Erie County Response

Vaccinating at:

- Drug Treatment Centers
- Homeless Shelters
- Homeless Convention
- Food Kitchens
- Rehab Facilities
- NFTA Bus Station
- Library

Total number of Hepatitis A vaccines administered:

978

Hepatitis C Maternal Child Transmission

- Problem:
 - Highest HCV rates among people in 20s-30s
 - Females in 20s-30s become pregnant
 - Concern with maternal child transmission
 - Currently ECDOH has no resources to investigate HCV cases for pregnancy or to ensure linkage to care for mom and baby

Hepatitis C Maternal Child Transmission

- ECDOH receiving CDC contractual field support to enhance HCV maternal child transmission surveillance and linkage to care
- Contractual field support staff will assist CDC's Surveillance for Emerging Threats to Mothers and Babies Network (SET-NET)*
 - Collect data on pregnant women and infants exposed to HCV, syphilis, and Zika virus
 - Linkage to care to Oishei Children's Hospital maternal child HCV clinic
- Kick off one-day CDC and NYSDOH site visit on February 27, 2020
 - Include partners meeting with representatives from OBGYN, Gen Peds, Peds ID (HCV clinic), health plans, Erie County Medical Society

*<https://www.cdc.gov/ncbddd/aboutus/pregnancy/emerging-threats.html>

Primary Care Champions Project

- UB | MD Family Medicine (Dr. Tilda Doscher) leading 5 year HRSA grant dedicated to training primary care practitioners to incorporate OUD treatment into their practices:
- 10 practitioners from 6 Buffalo area clinics

Buffalo Medical Group

Medical Group

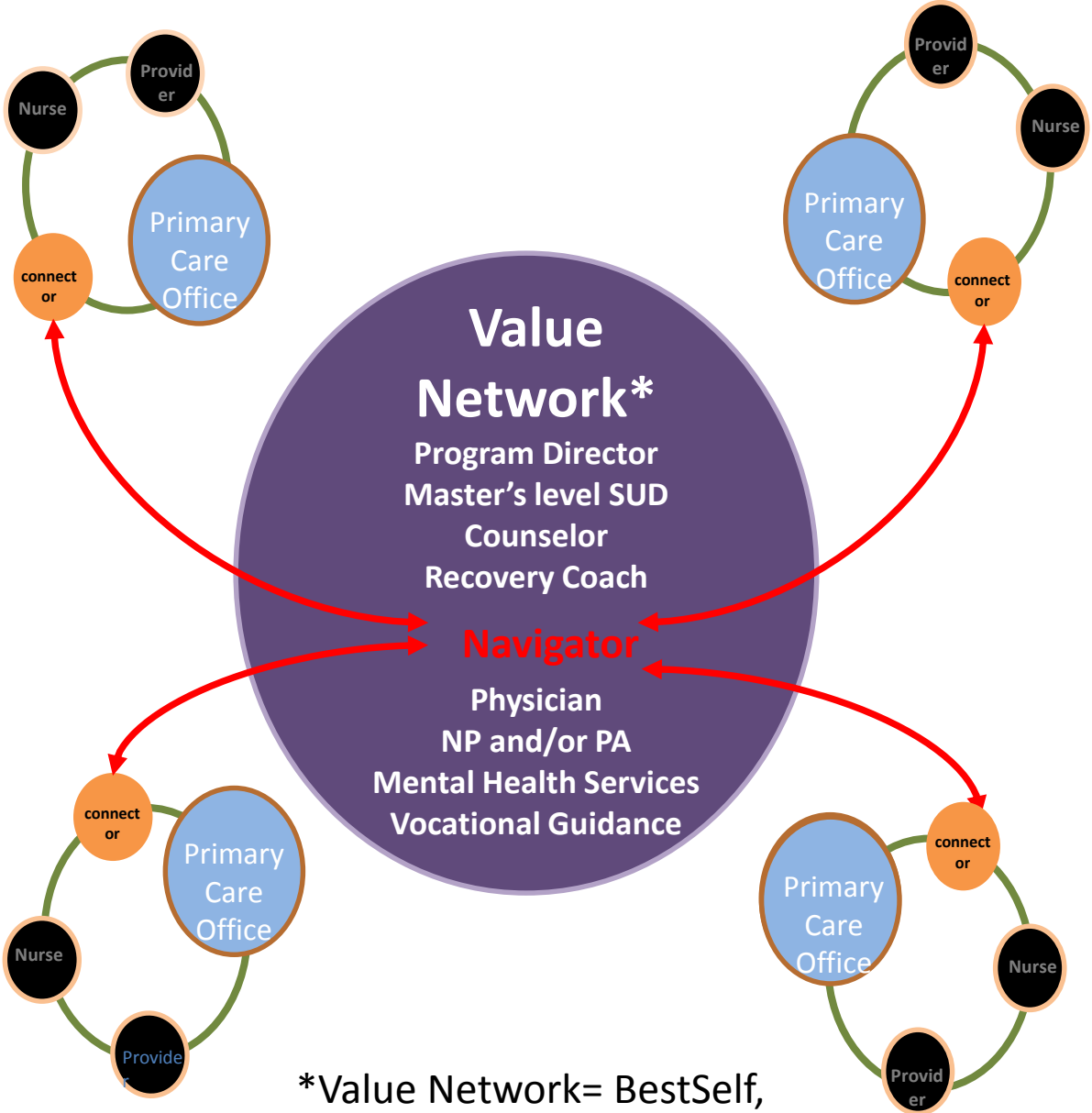
Sheridan Medical Group

St Vincent Health Center

Jericho Road Community Health Center

Hertel Elmwood Internal Medicine Center

Buffalo OUD Hub and Spoke Access Demonstration Project Model



*Value Network= BestSelf, Endeavor, Horizon, Spectrum

Buffalo OUD Hub and Spoke Access Demonstration Project

- Health care payment/reimbursement structure identified barrier
- Primary care practices hesitant to take "complicated" patients who require monthly visits in a capitation system
 - not reimbursed for the monthly visits
- Recruiting for our next set of Champions cohort PCP offices soon

Naloxone initiative

- Goal: Patients prescribed opioids with OD risk factors will fill naloxone Rx
- Collaboration with local health plans, ECDOH, Erie County Medical Society, PAWNY
- Intervention:
 - Each health plan generates list of members eligible for naloxone Rx intervention
 - Health plans give lists to providers
 - Providers send naloxone Rx and counsel patients to fill Rx
- Outcome: % naloxone Rx filled

Naloxone initiative

- Criteria
 - Opioid dose ≥ 50 MME
 - Using benzodiazepines
 - COPD and/or sleep apnea
 - Substance use disorder
 - Mental health condition
 - Opioid withdrawal or MAT
- Providers offered CME on naloxone
- Physician buy-in????

OMRB facts

- Starting to review cases from cohort of 301 Opioid Overdose Related Deaths in 2016
 - 175 Outreach Letters Sent to Families
 - 52 Accepted Responses
 - 2 Declined
 - 20 Return to Sender
 - 21 Cases for Presentation from Autopsies & Interviews
 - 24 Interviews Scheduled and Completed

OMRB review summary

- Presentation of 2 cases completed
- Meeting monthly to review 1 case/session
- Trends Recognized
- Barriers Identified
- Potential Board Member Expansion
Pending (2 new members)

SBIRT In the OB/GYN Office

- 6 Healthy Births this quarter!
- New providers engaged:
 - UBMD OB/GYN Associates
 - OB/GYN Associates of WNY

Healing Communities Study

- Funding from Columbia University to expand work in city of Buffalo to decrease opioid deaths by 40% over life of the study
 - Use evidence based interventions determined through a team approach using data.
 - Hiring staff
- Monthly meetings with workgroup
- MOU defining rules of engagement being finalized