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Program Evaluation and Research Unit

# Franklin County

*Overdose Reduction Data, February 2022*



Community Health Initiatives



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# Using Data to Drive Decisions

## Why Data?

Removes values and beliefs from the information available to make decisions

Eliminates terminology gaps between public safety and public health

Removes “he said/she said” from projects

## Considerations

Collection and standardization of process

Timeliness of analysis and dissemination

Effective public health and public safety collaboration

Translation of data to information and strategy



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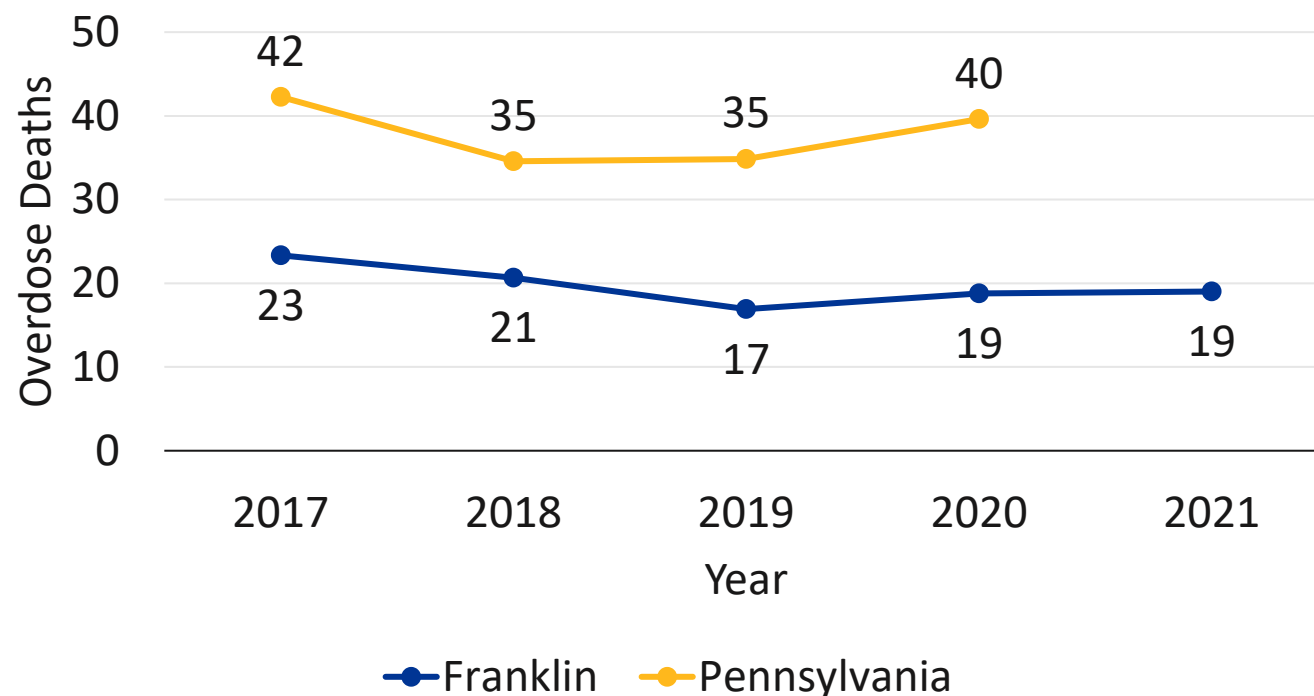
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# Overview

- Franklin County reported **29** overdose **deaths** in 2021
- 2021 overdose death **rate** of **19** deaths per 100,000 population

Overdose Death Rate per 100,000 Population  
2017 to 2021



(OverdoseFreePA [ODFPA], 2022)



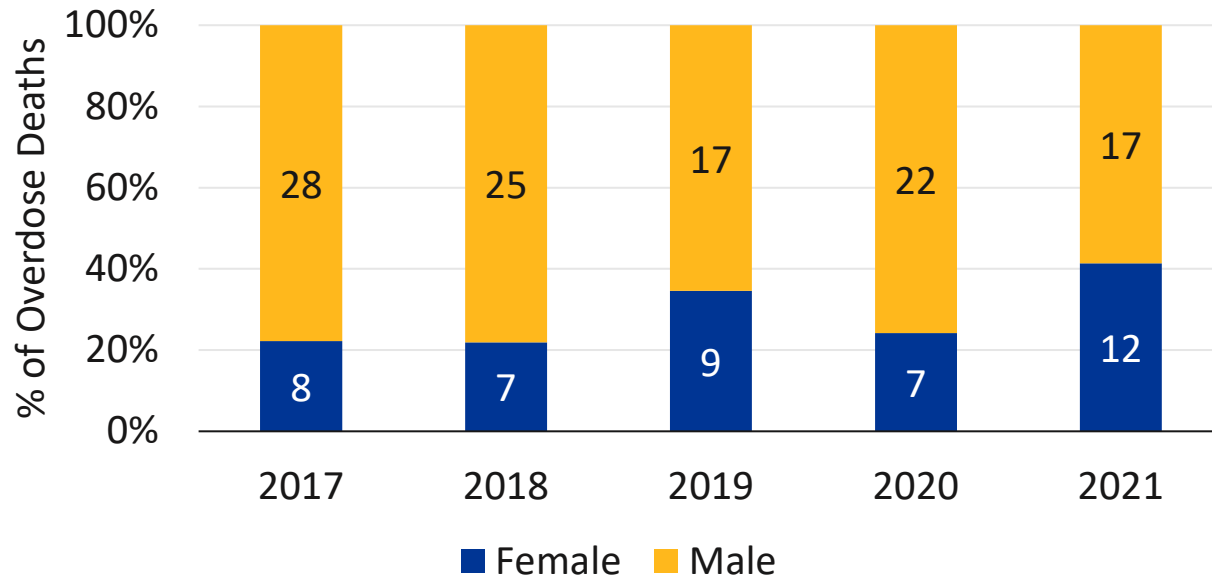
# Demographic Trends

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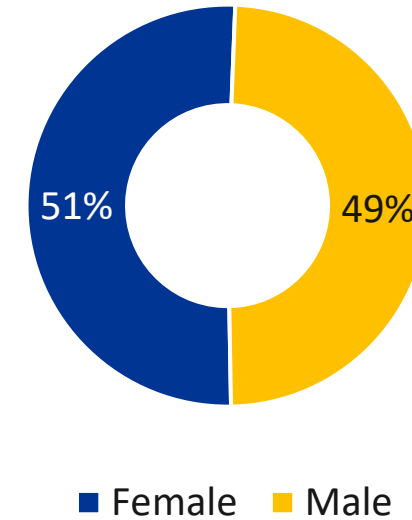


# Franklin County Overdose Deaths

### Overdose Death Gender Distribution



### General Population Gender Distribution

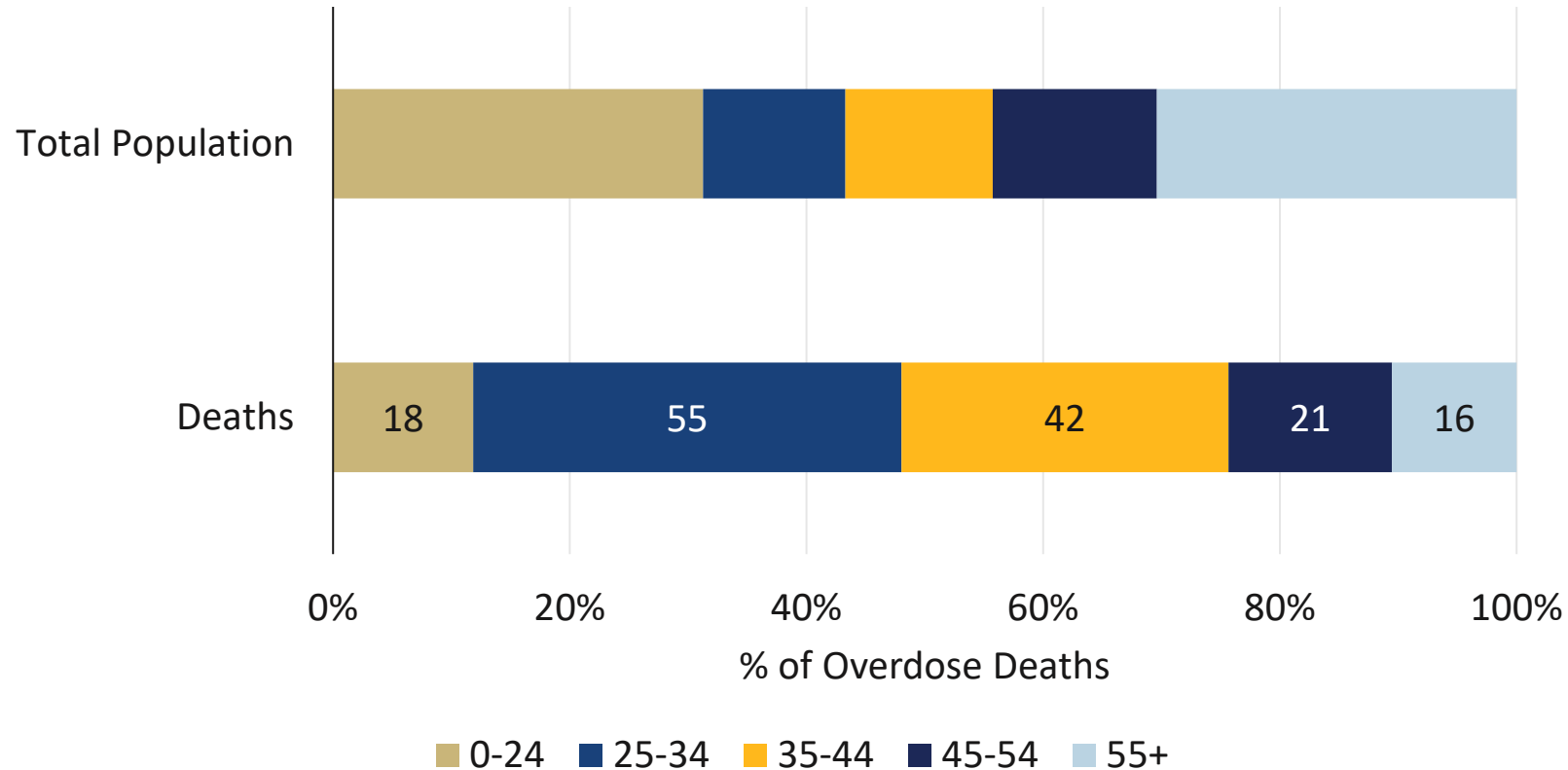


(ODFPA, 2022)



# Franklin County Overdose Deaths

Overdose Death Age Distribution, 2017-2021



(ODFPA, 2022)



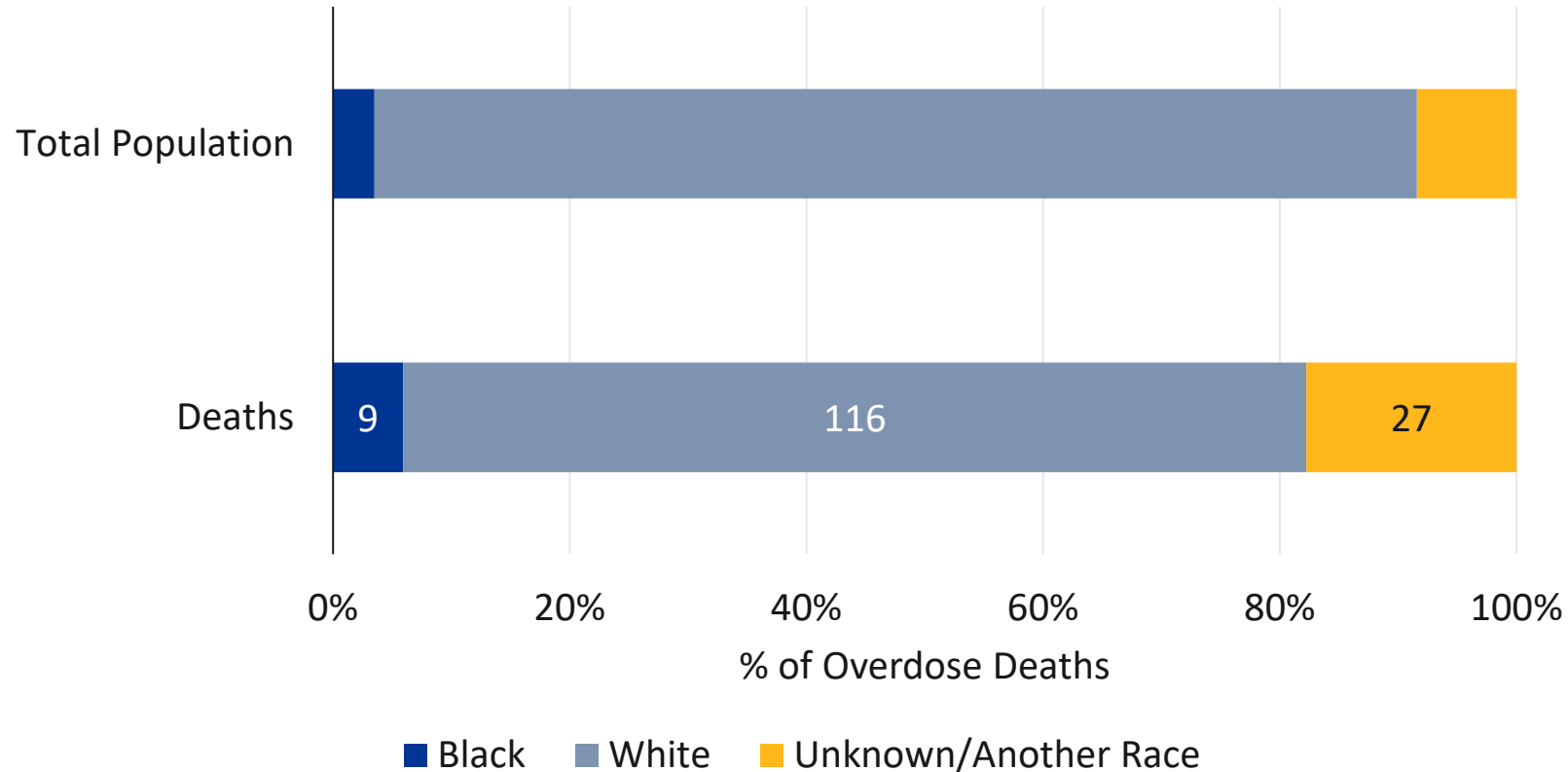
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# Franklin County Overdose Deaths

Overdose Death Race Distribution, 2017-2021



(ODFPA, 2022)



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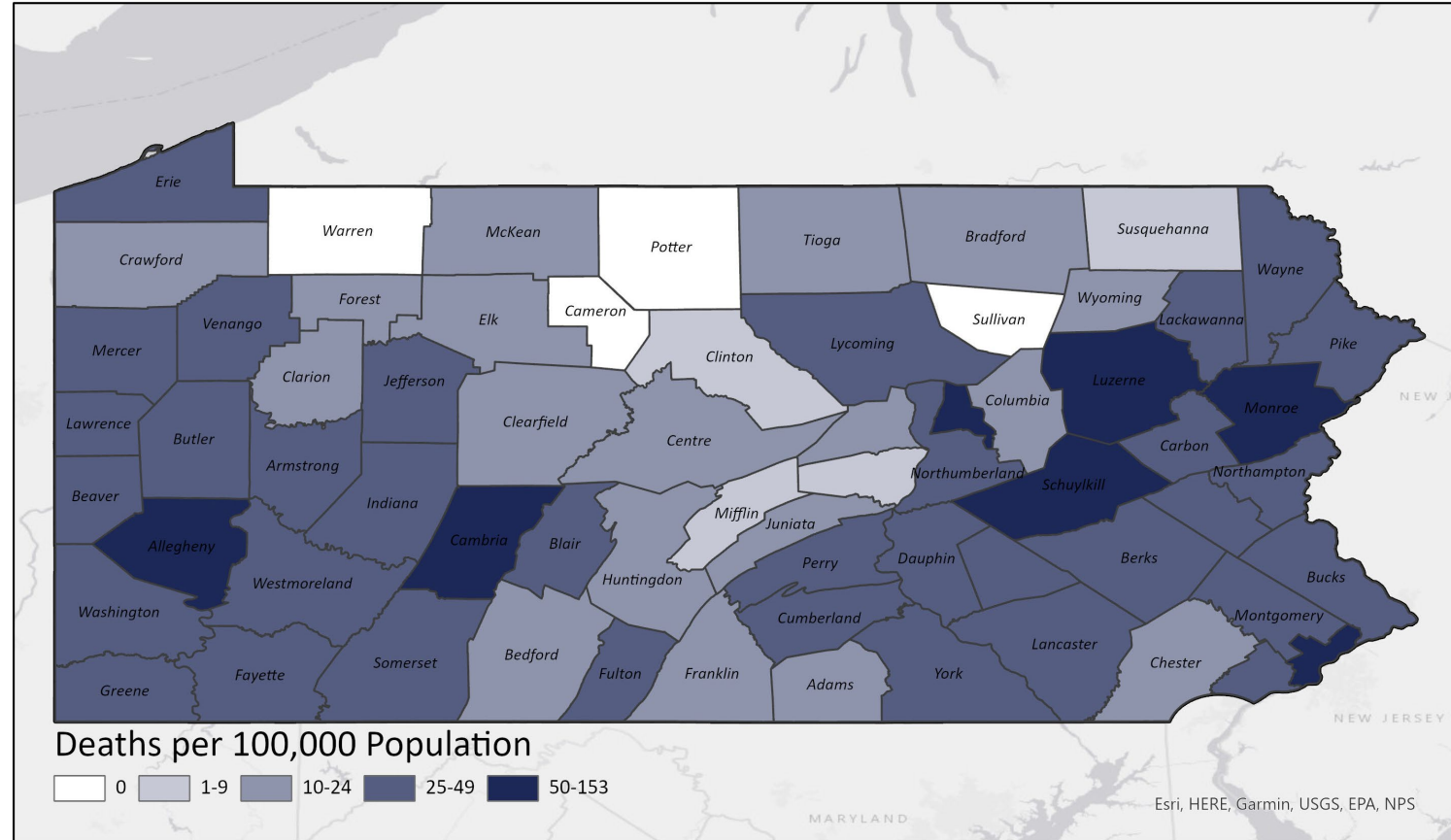
# Statewide Rate by County, 2020

Overdose death rate ranged from **0** (three counties) to **153** (Montour County) **deaths** per 100,000 population

## Highest County Overdose Death Rates, 2020

County	Deaths	Rate per 100,000
Montour	28	153
Schuylkill	120	84
Philadelphia	1,218	77
Allegheny	690	57
Luzerne	169	53

(ODFPA, 2022)



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# Toxicology Trends

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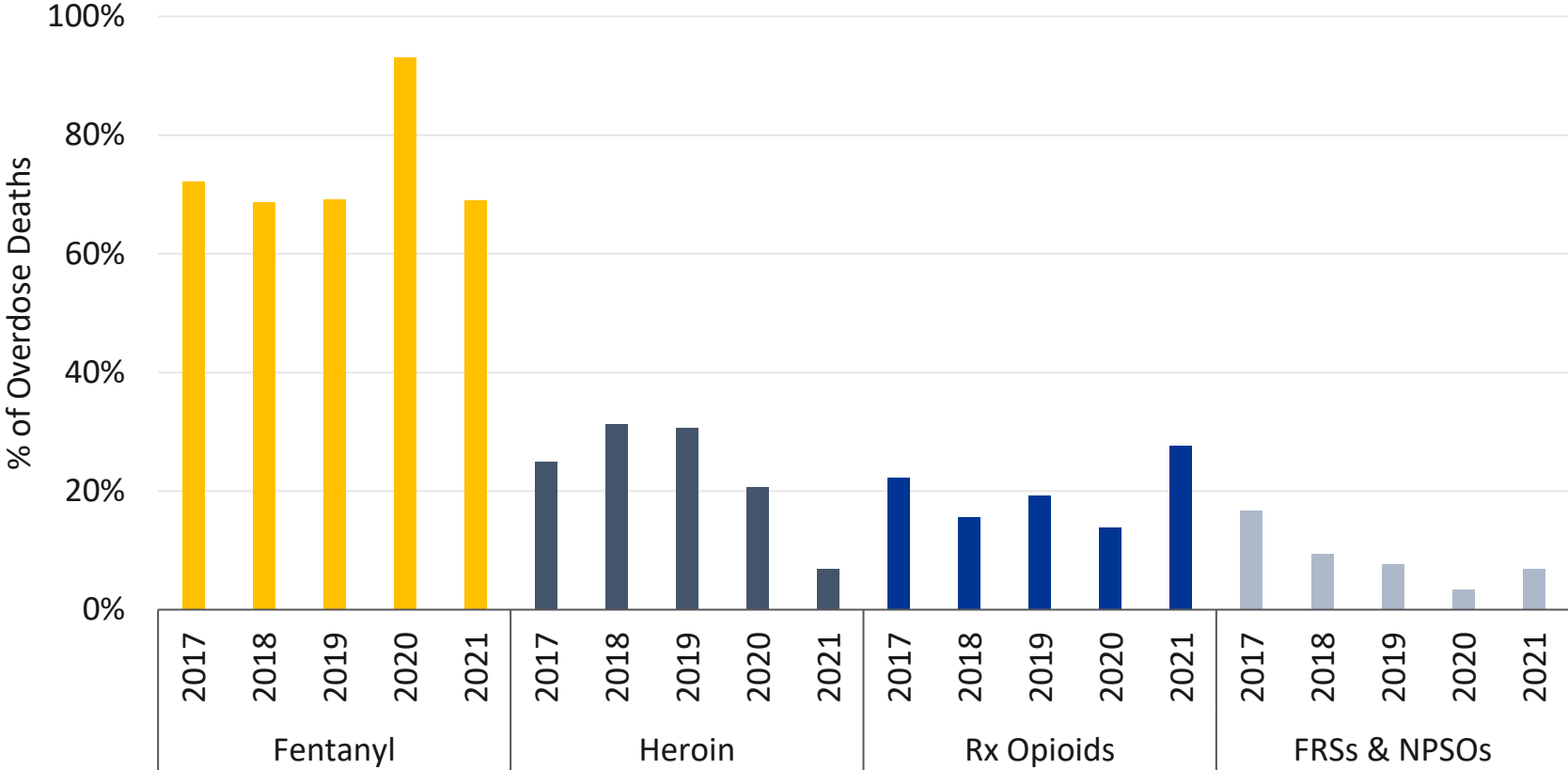
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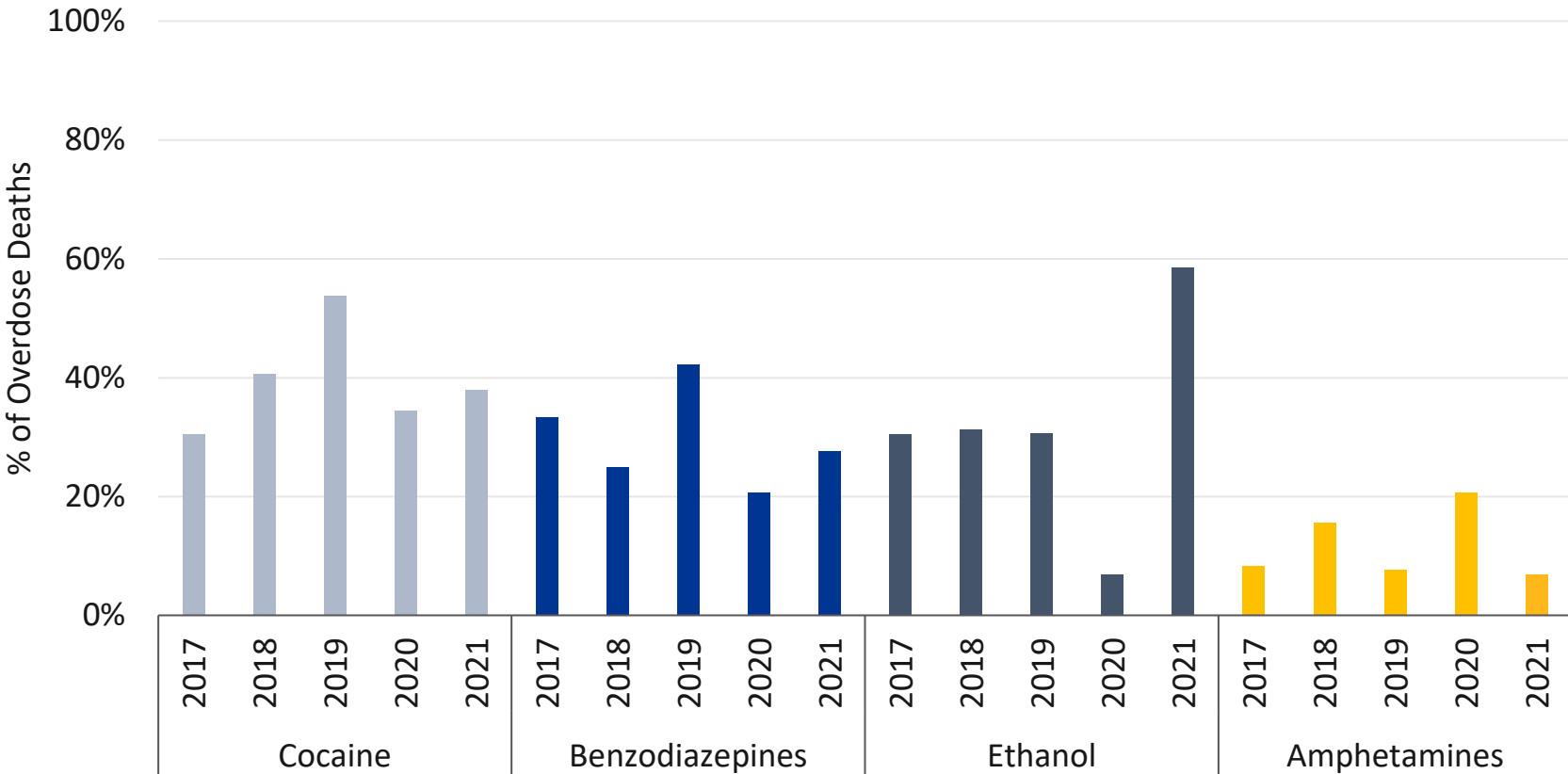
# Franklin County Drug Categories: Opioids/Opiates



(ODFPA, 2022)



# Franklin County Drug Categories: Other Drug Categories

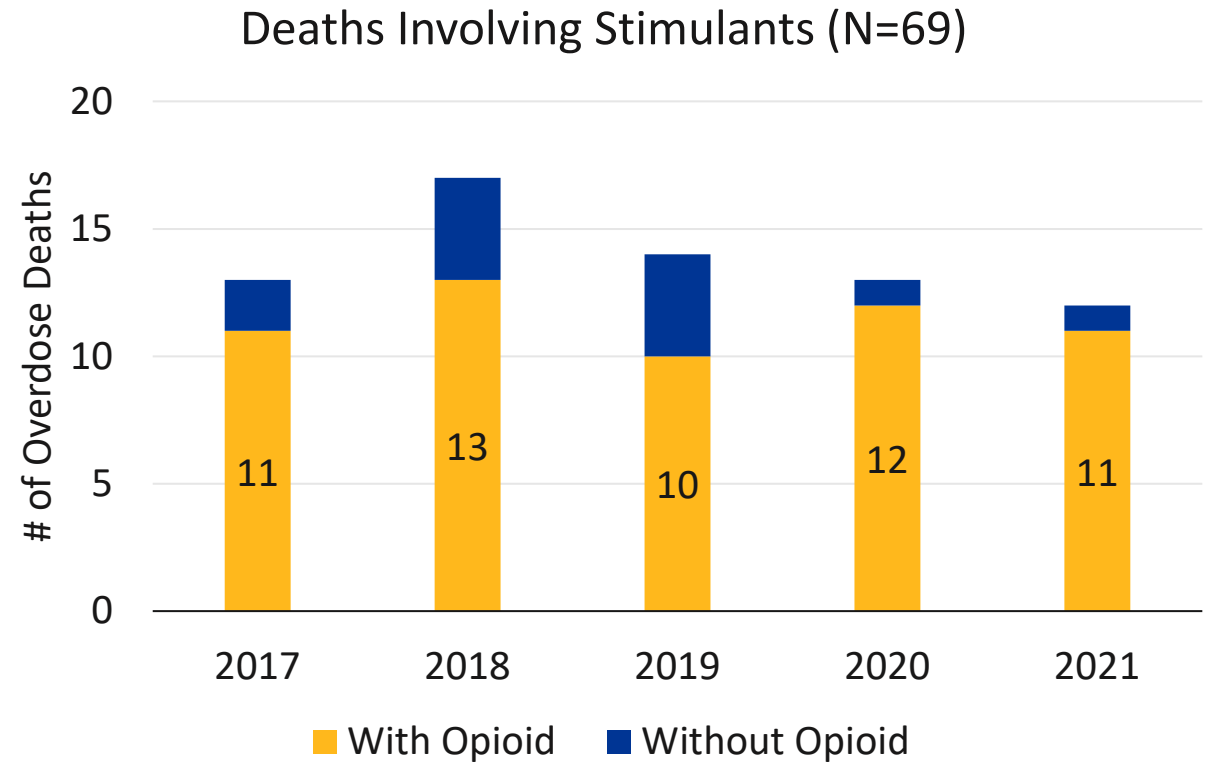


(ODFPA, 2022)



# Franklin County Stimulant-related Deaths\*

- **12** deaths from 2017 through 2021 involved stimulants in the **absence** of an opioid/opiate
- **57** deaths from 2017 through 2021 included a **combination** of a stimulant and an opioid/opiate
- **152** total overdose deaths from 2017 through 2021



\*Stimulants included: Cocaine, Methamphetamine, Amphetamine  
(ODFPA, 2022)



# Emergency Department (ED) Admissions

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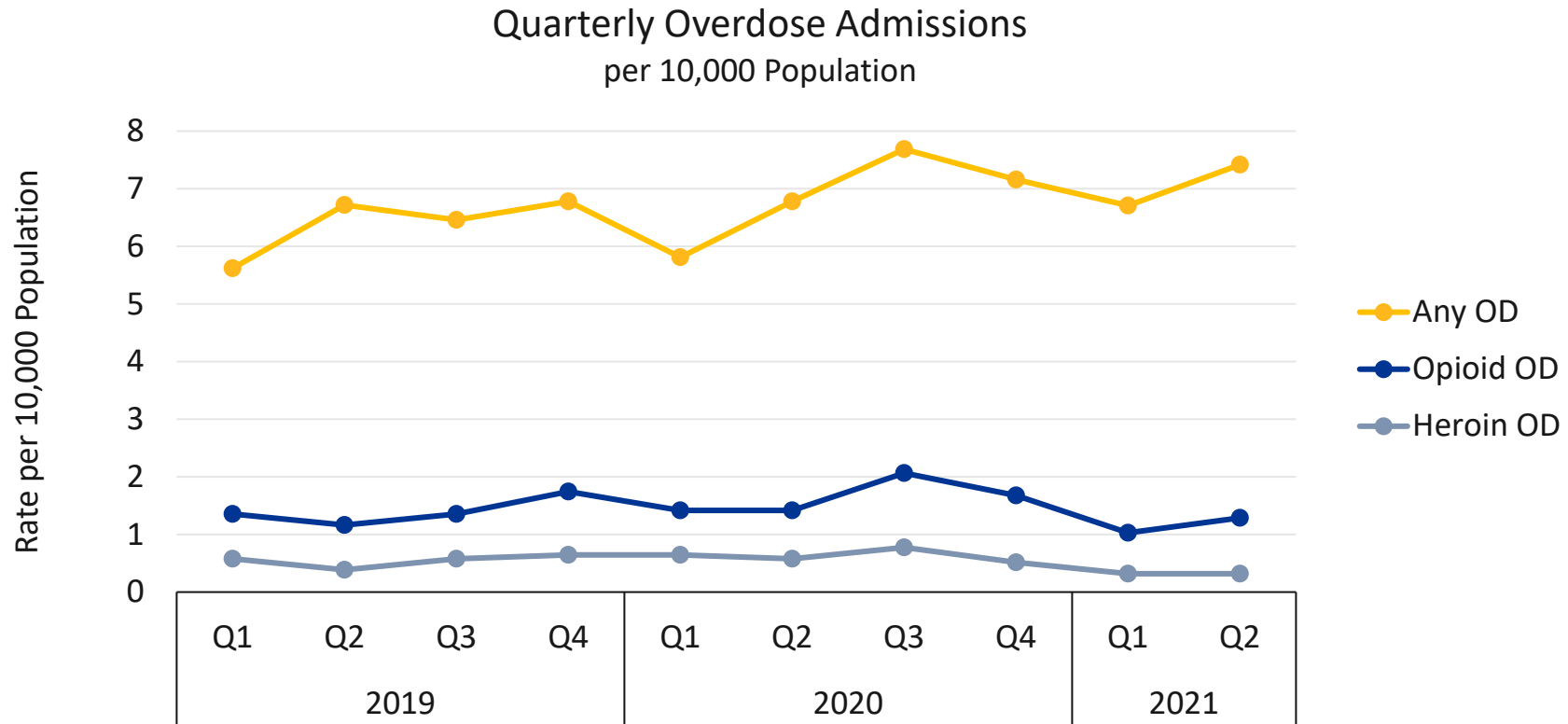
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# Emergency Department Admissions



(Pennsylvania Department of Health [DOH], 2021a)



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# Naloxone Administration

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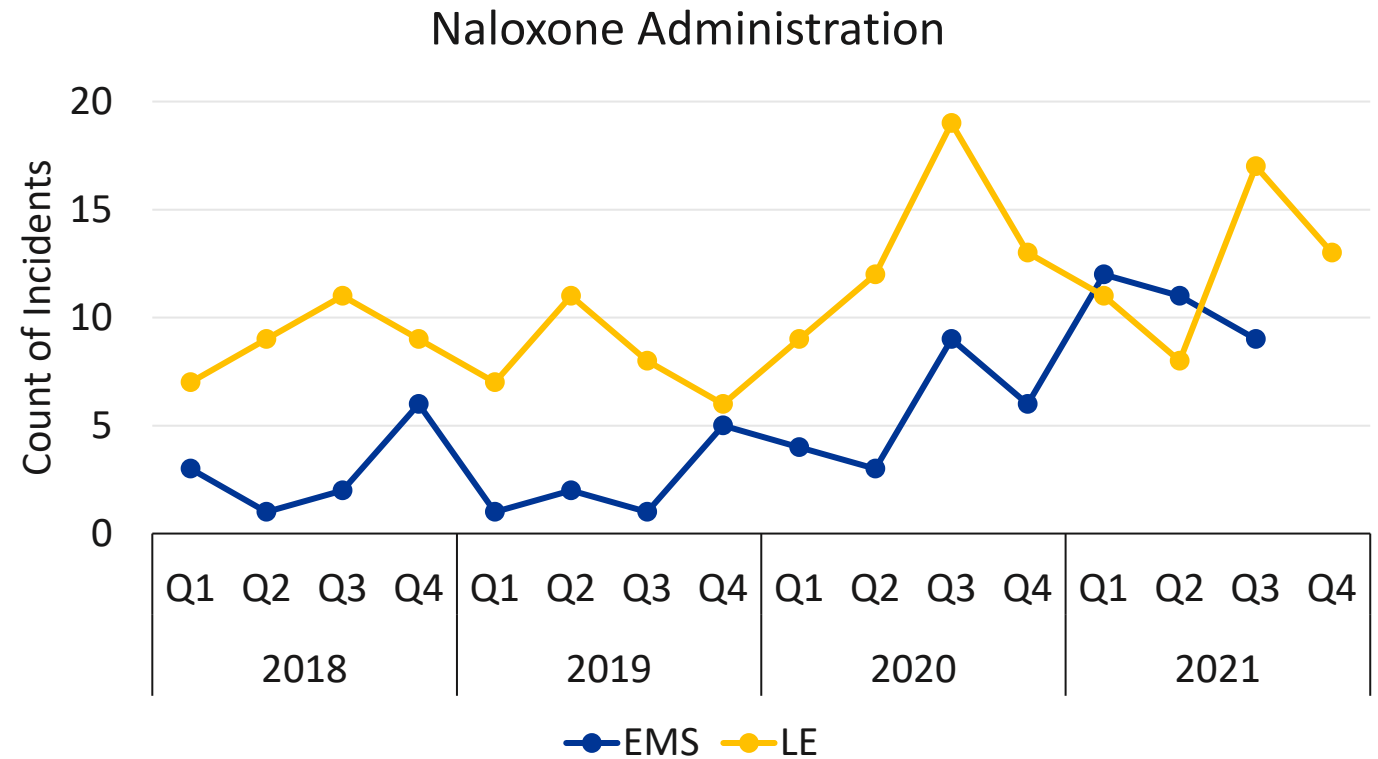


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# Naloxone Administration- Emergency Medical Services (EMS) and Law Enforcement (LE)

- **245** naloxone administration events from 2018 to December 2021 (EMS events through Sept.)
- Includes **all** EMS events and events **voluntarily** reported by law enforcement (LE)



\*LE reporting is voluntary and therefore may not reflect all administration events

(DOH, 2021b; Overdose Information Network, 2022)



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# Franklin County Drug Take Back

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# Franklin County Drug Take Back

Departments collected a total of **7,506.45 lbs.** from 2016 through 2021

Agency	2016	2017	2018	2019	2020	2021
Waynesboro PD	307	439.2	496.8	296.2	338.6	283.8
Chambersburg PD	420.75	266.5	414.7	389.5	241.2	223.6
Greencastle PD	240	237.1	123.4	292	135.8	226.4
County Detective Bureau*	30	6.3	0	233	0	261.6
Mercersburg PD	160	0	0	0	80.4	27.2
PA State Police	0	0	177.6	137	126.2	212.6
Washington Township PD	0	0	0	281.6	155.2	245.2
<b>Total</b>	<b>1157.75</b>	<b>949.10</b>	<b>1212.50</b>	<b>1629.30</b>	<b>1077.40</b>	<b>1480.40</b>

\* 2021 **County Detective Bureau** Drug Take Back data includes 2021 **Coroner's Office** Take Back data (Franklin County District Attorney's [DA] Office, 2022)

# Franklin County Treatment Court

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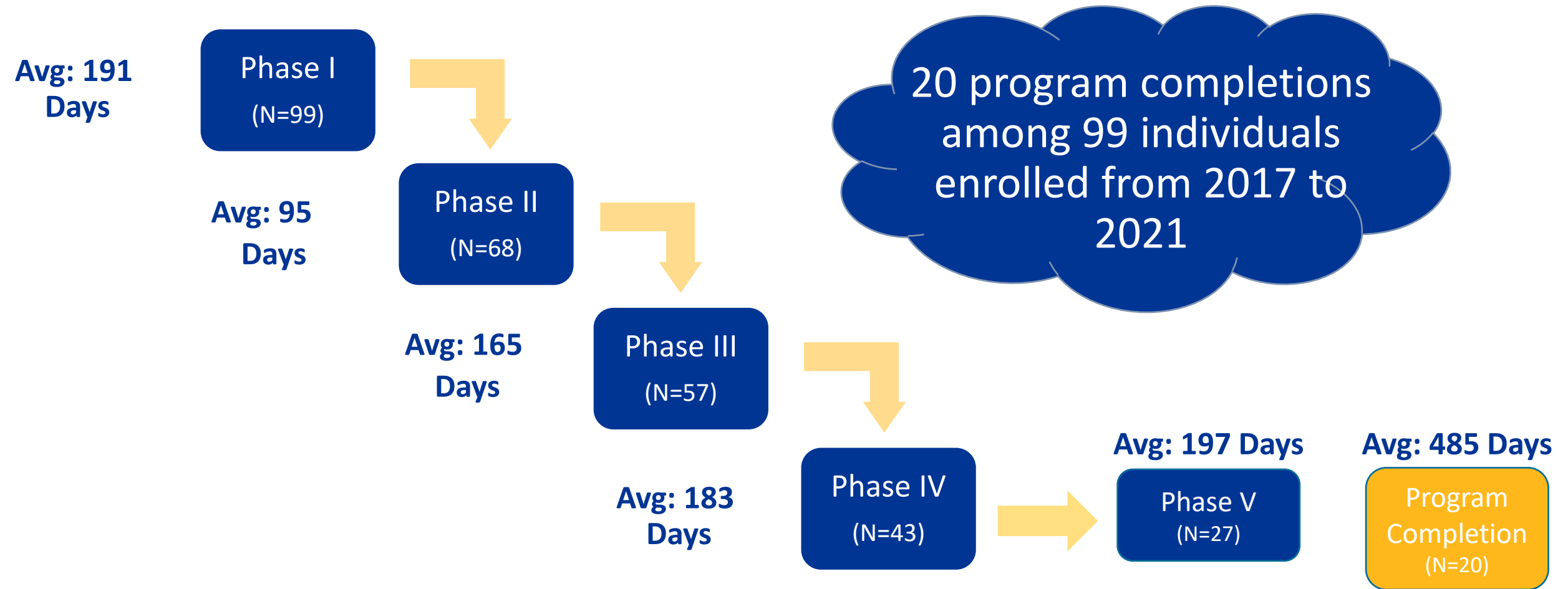
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# Franklin County Treatment Court



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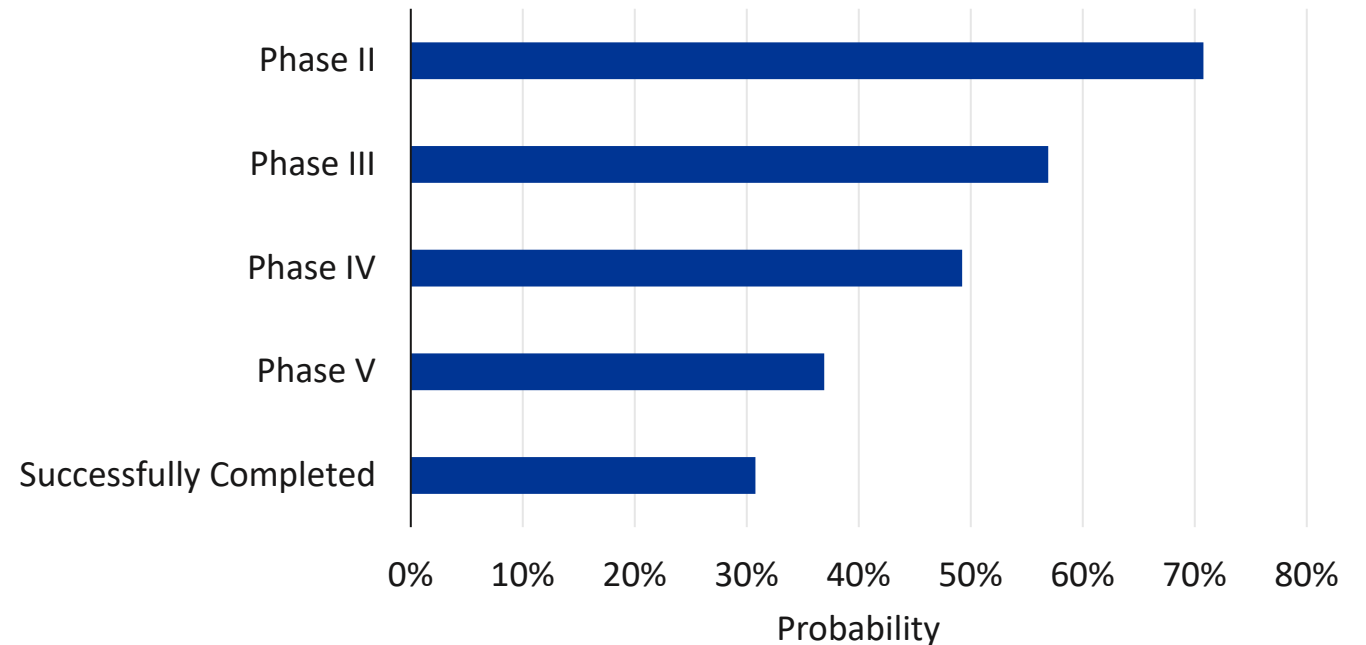
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# Franklin County Treatment Court

- Over **70%** of participants advanced to Phase II
- Just over **30%** graduated from Treatment Court

Probability of Completing Subsequent Phases of Treatment Court  
(N=65, excludes active participants)



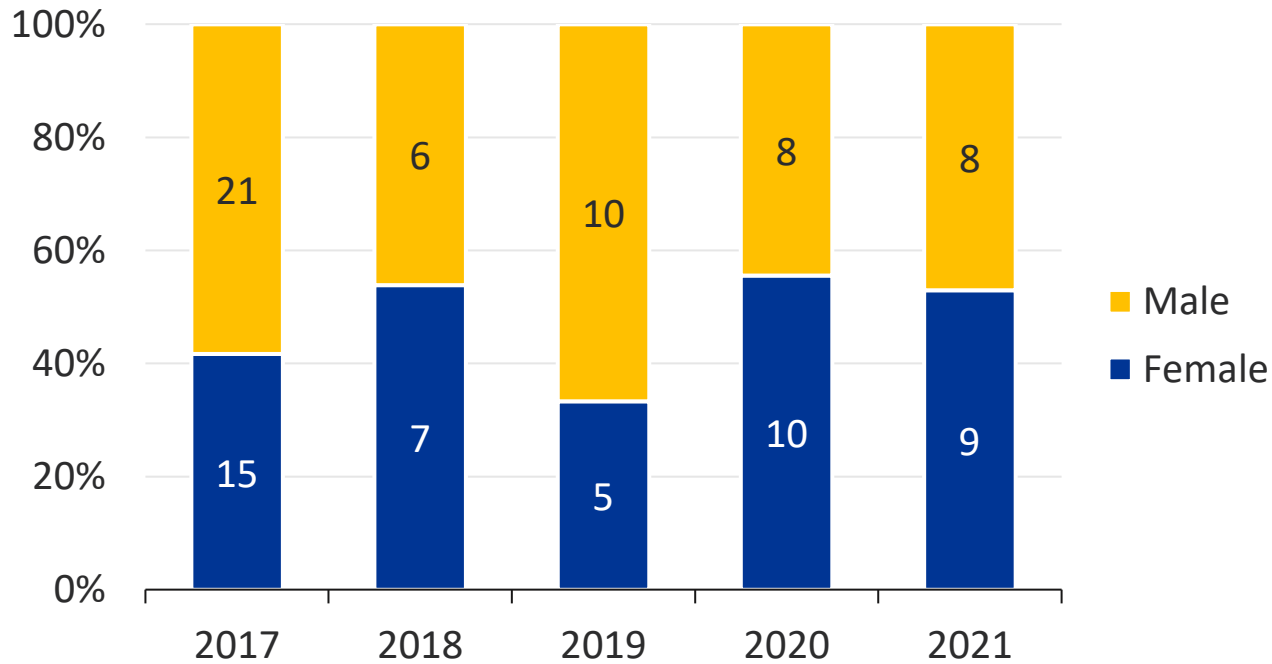
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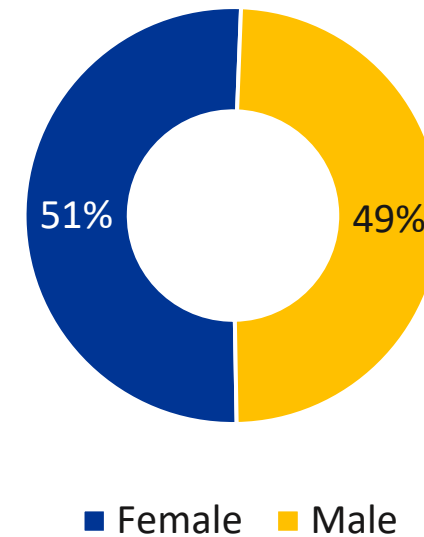
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# Franklin County Treatment Court

Gender Identity by Year of Admission  
(N=99)



General Population Gender Identity Distribution



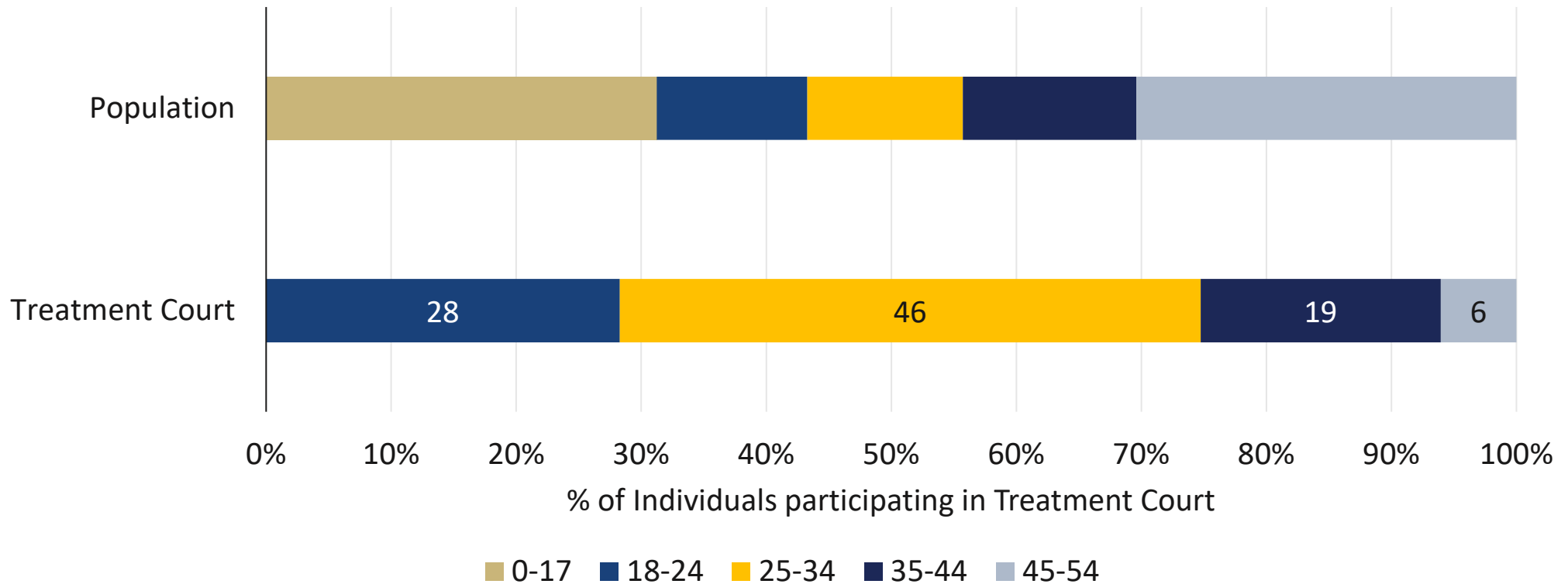
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# Franklin Treatment Court

Treatment Court Age Distribution  
(N=99)



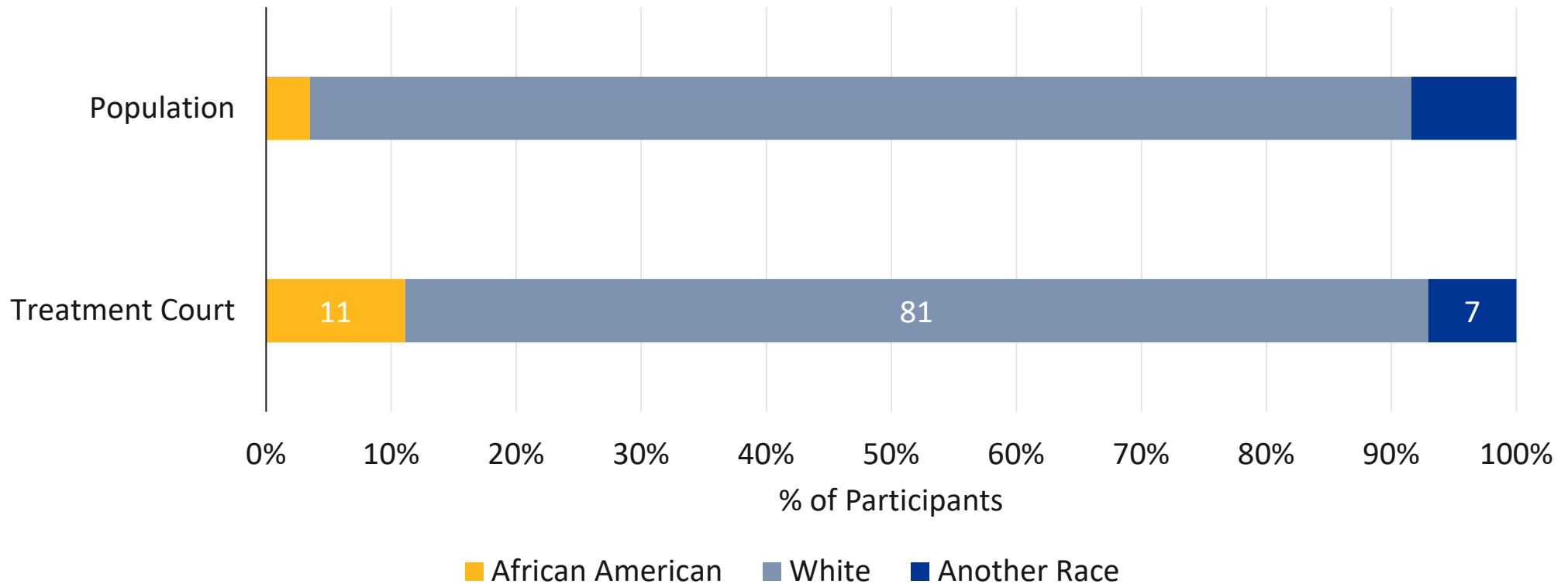
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# Franklin Treatment Court

Treatment Court Race Distribution  
(N=99)



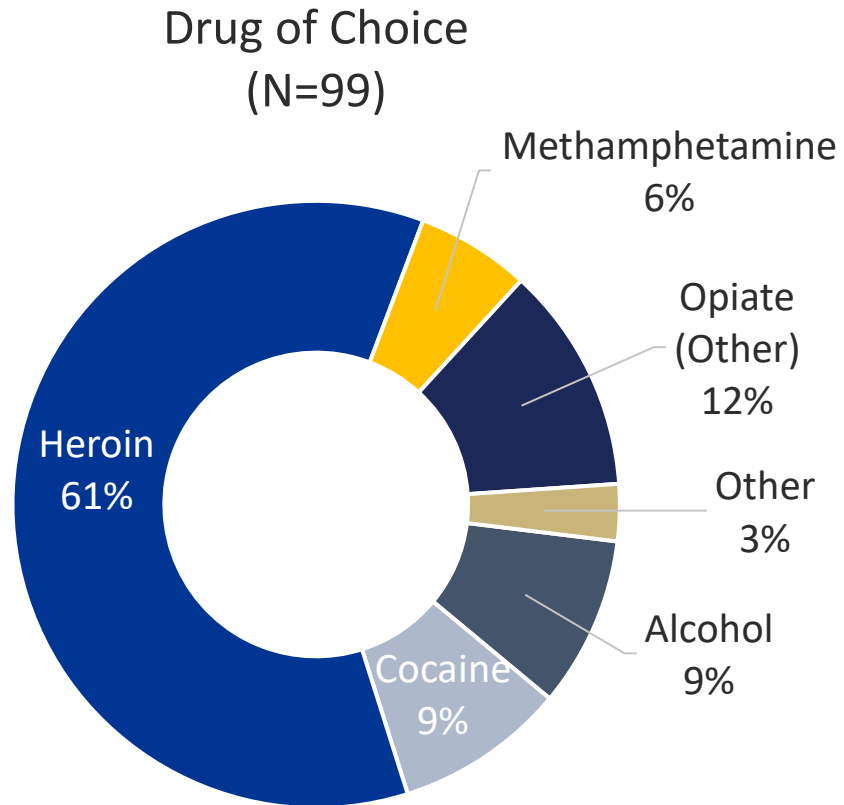
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# Franklin County Treatment Court



- **16% (16)** of participants reported using **secondary** drugs
  - 25% Marijuana
  - 19% Crack Cocaine
  - 19% Heroin
- **4% (4)** reported using a **tertiary** drug

# Franklin County Get Back Up

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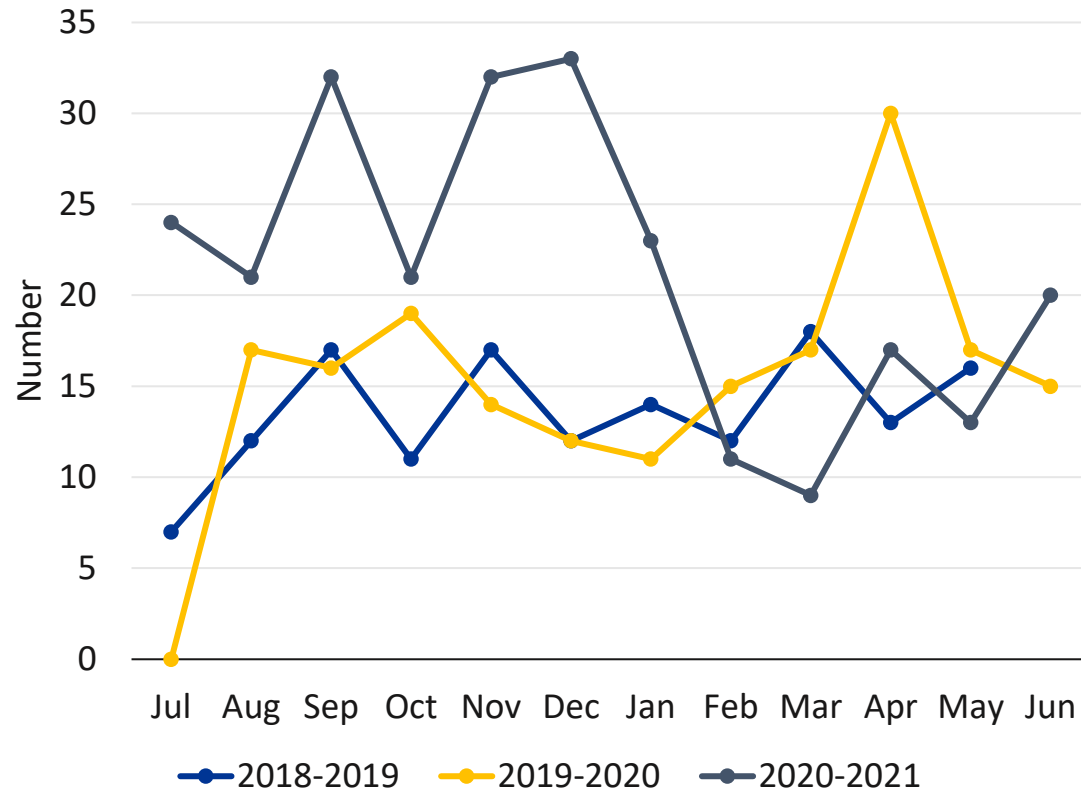
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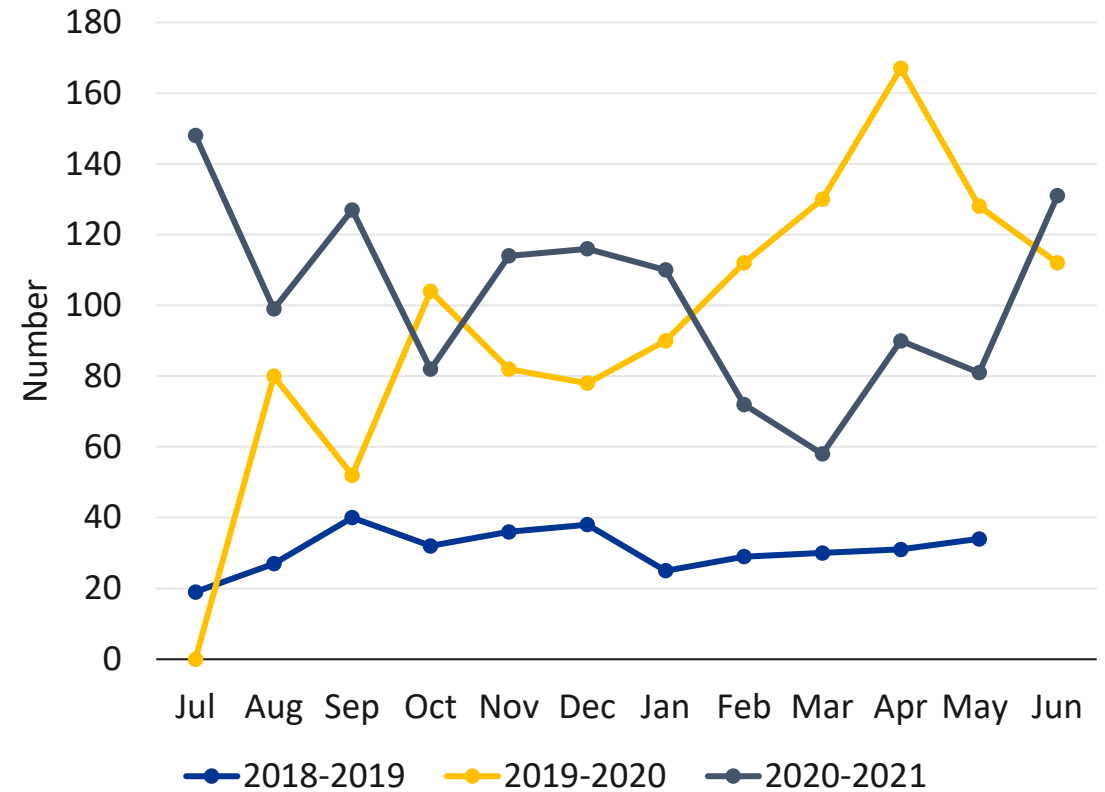
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# Franklin County Get Back Up

Individuals Referred  
N=588



Contacts Made  
N=2,704

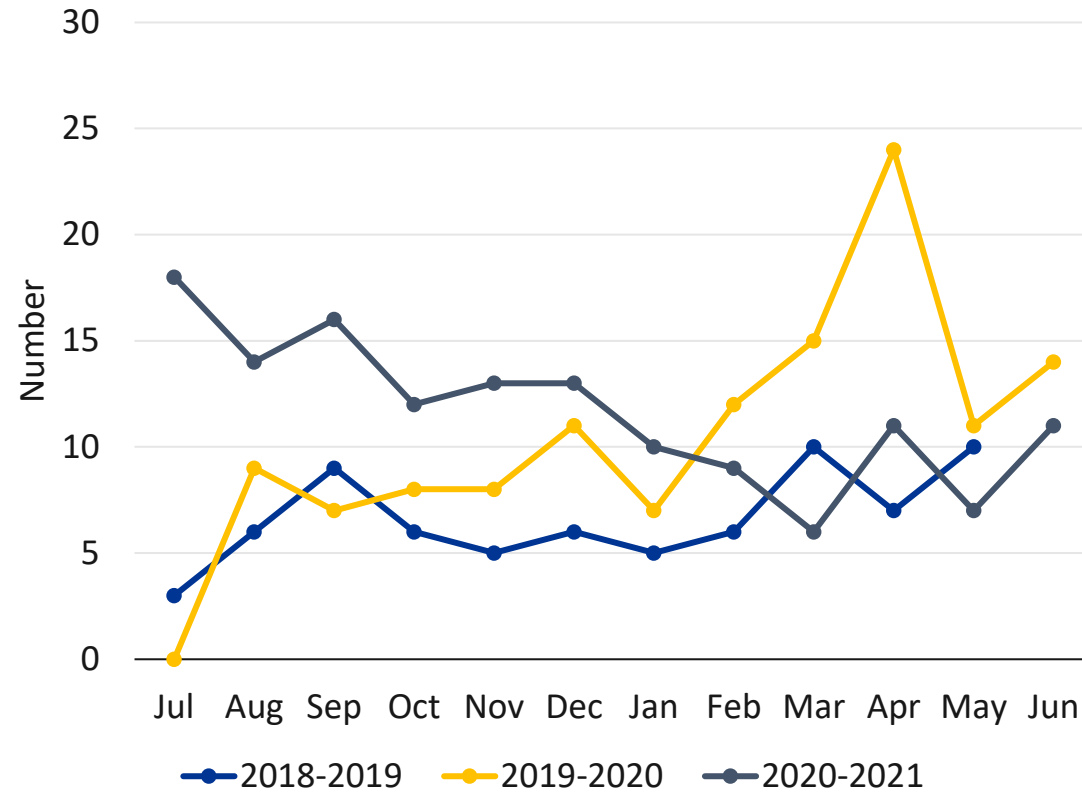


(Roxbury Treatment Center, 2022)

# Franklin County Get Back Up

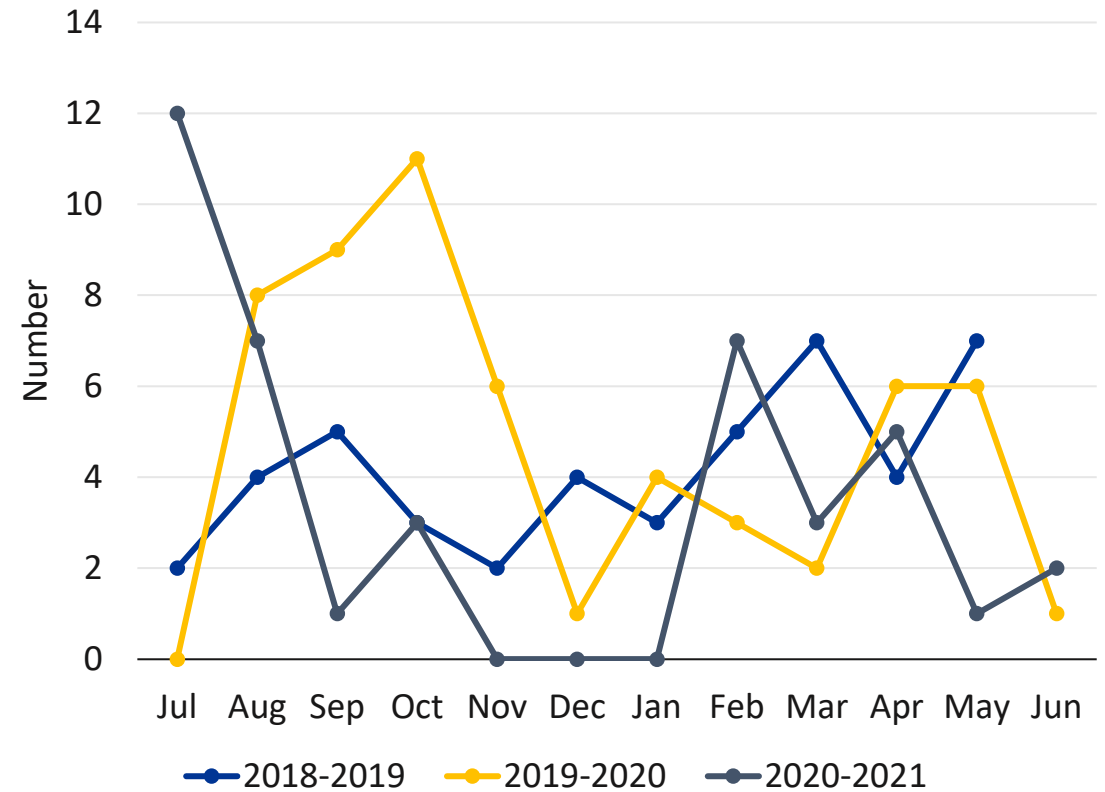
## Individuals Referred to Treatment

N=339



## Attended Treatment

N=144



(Roxbury Treatment Center, 2022)

# Franklin County Drug-Related Charges

**45 cases** charged with “Drug Delivery Resulting in Death”

- 2014-18: **40** Cases
  - 19 cases resulted in pleas to “Involuntary Manslaughter”
- 2019: **6** Cases
- 2020: **11** Cases
- 2021: **7** Cases

(Franklin County DA’s Office, 2022)



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# Franklin County Mental Health Statistics

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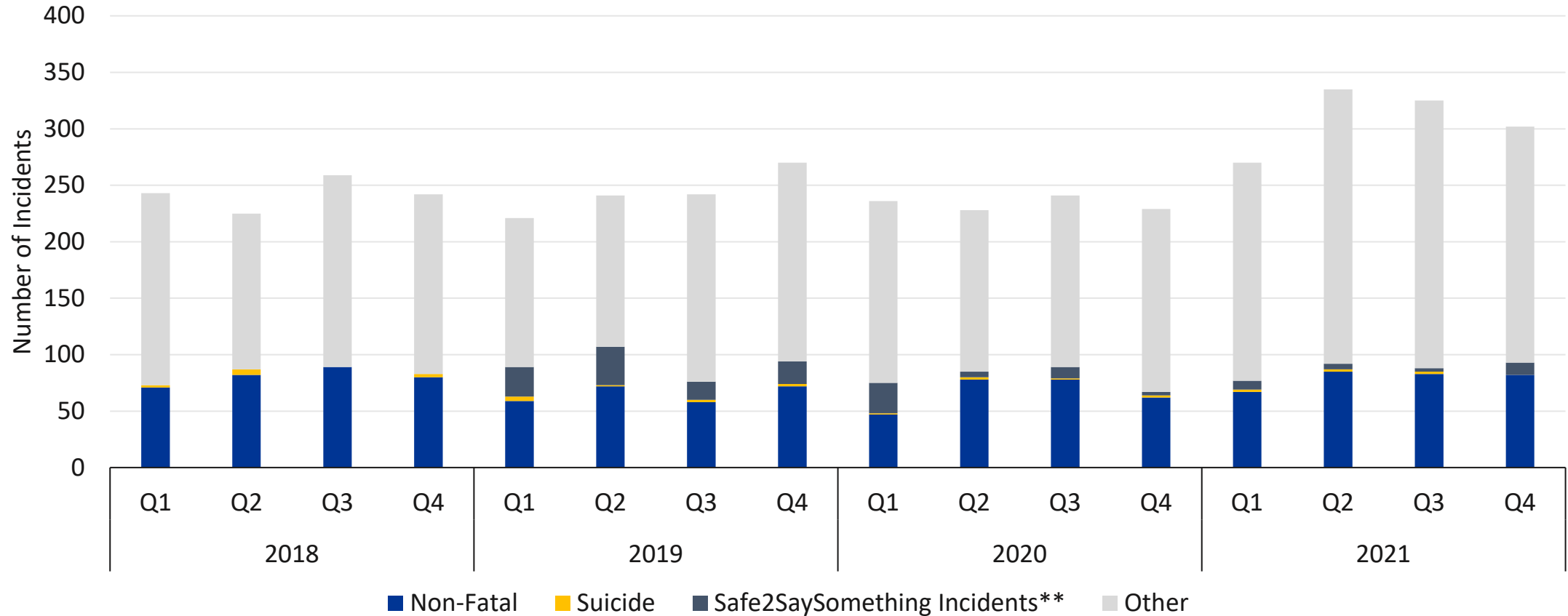
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# Franklin County 911 Mental Distress Incidents (by type)



\*\* Safe2SaySomething New in 2019

(Franklin County Department of Emergency Services, 2022)



# Data Sources

- **Overdose Death Data**  
OverdoseFreePA. 2022. Query the database. Original data shared by Paul Reed, Franklin County Coroner's Office. Retrieved from <https://www.overdosefreepa.pitt.edu/know-the-facts/query-the-database/>.
- **Franklin County Demographic Data**  
U.S. Census Bureau. 2020. American community survey 5-year estimates, 2019. Retrieved from <https://data.census.gov/cedsci/>.
- **Emergency Department Admissions**  
Pennsylvania Department of Health. 2021a. Quarterly report on overdose-related emergency department visits for Franklin County residents. Retrieved from <https://data.pa.gov/Opioid-Related/Emergency-Department-ED-Visits-for-Drug-Overdose-B/svnp-capx>.
- **Law Enforcement Naloxone Administration**  
Overdose Information Network (ODIN). 2022. ODIN reported naloxone doses administered by law enforcement. Retrieved via electronic communication from Jacelyne Janoka.
- **EMS Naloxone Administration**  
Pennsylvania Department of Health. 2021b. Emergency medical services (EMS) naloxone dose administered CY 2018 - current quarterly county health. Retrieved from <https://data.pa.gov/Opioid-Related/Emergency-Medical-Services-EMS-Naloxone-Dose-Admin/wst4-3int>.
- **Franklin County Drug Take Back**  
Franklin County District Attorney's Office. 2022. Franklin County drug take back. Retrieved via electronic communication from Detective Scott Mummert.
- **Franklin County Get Back Up Program**  
Roxbury Treatment Center. 2022. Franklin County Get Back Up program. Retrieved via electronic communication from John Lloyd.
- **Franklin County Drug-related Charges**  
Franklin County District Attorney's Office. 2022. Franklin County drug-related charges. Retrieved via electronic communication from District Attorney Matt Fogal.
- **Franklin County 911/EMS Mental Health Statistics**  
Franklin County Department of Emergency Services. 2022. Franklin County 911/EMS mental health statistics. Retrieved via electronic communication from Bryan Stevenson.







*The University of Pittsburgh School of Pharmacy, Program Evaluation and Research Unit (PERU) is dedicated to meaningful work that facilitates each patient or community member's ability to achieve optimal health, wellbeing, recovery, and choice.*