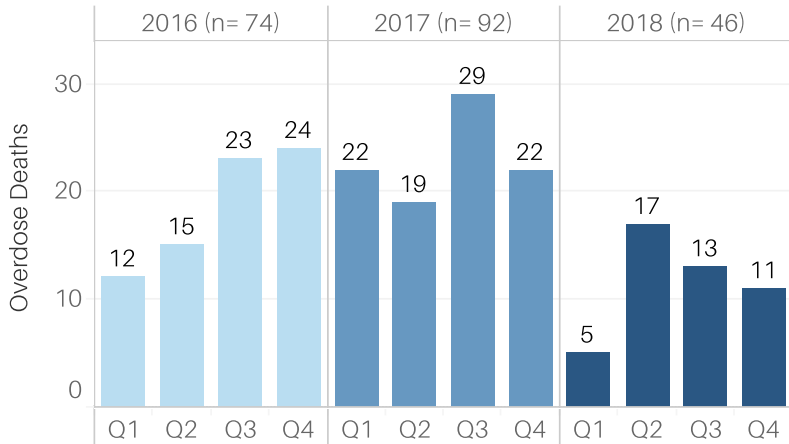


Butler County

Drug-Related Overdose Deaths, 2016-2018

1. Quarterly Trend



Total Number of Overdose Deaths: 212

Average Rate of Overdose Deaths (per 100,000): 38

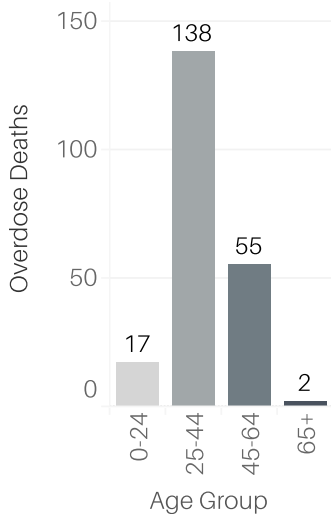
County Rank by Average Rate: 38

Percent Change from 2016-2017: 24% Increase

Percent Change from 2017-2018: 50% Decrease

Percent Change from 2016-2018: 38% Decrease

2. Age Distribution



The information in this section summarizes drug-related overdose death data (accidental, homicide, or undetermined) from 2016-2018.

The first page consists of the quarterly trend and demographic information:

1: Total Number of Overdose Deaths per Quarter per Year*

2-4: Total Number of Overdose Deaths per Age/Gender/Race

The second page consists of the yearly trend for the most commonly identified drug categories and the drug category breakdown for each demographic group:

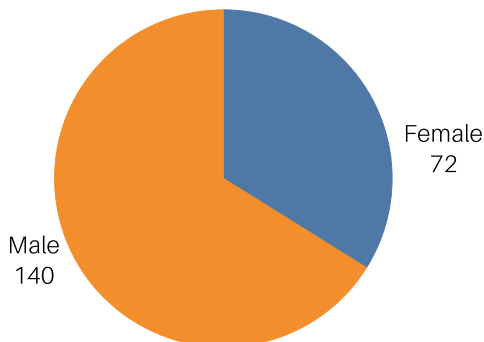
5: Percent of Overdose Deaths per Drug Category per Year

6-8: Percent of Overdose Deaths per Drug Category per Age/Gender/Race, per Year if Applicable

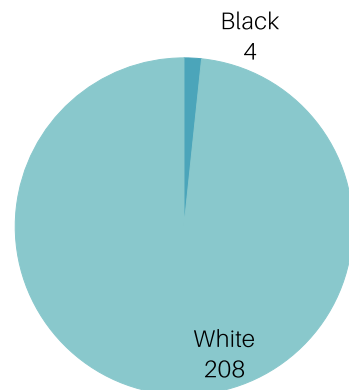
*Percent = (Number of deaths per drug category per demographic group, per year if applicable) / (Number of deaths per demographic group, per year if applicable) * 100%*

*Breakdown by quarter is suppressed when there are less than three data points for each quarter.

3. Gender Distribution



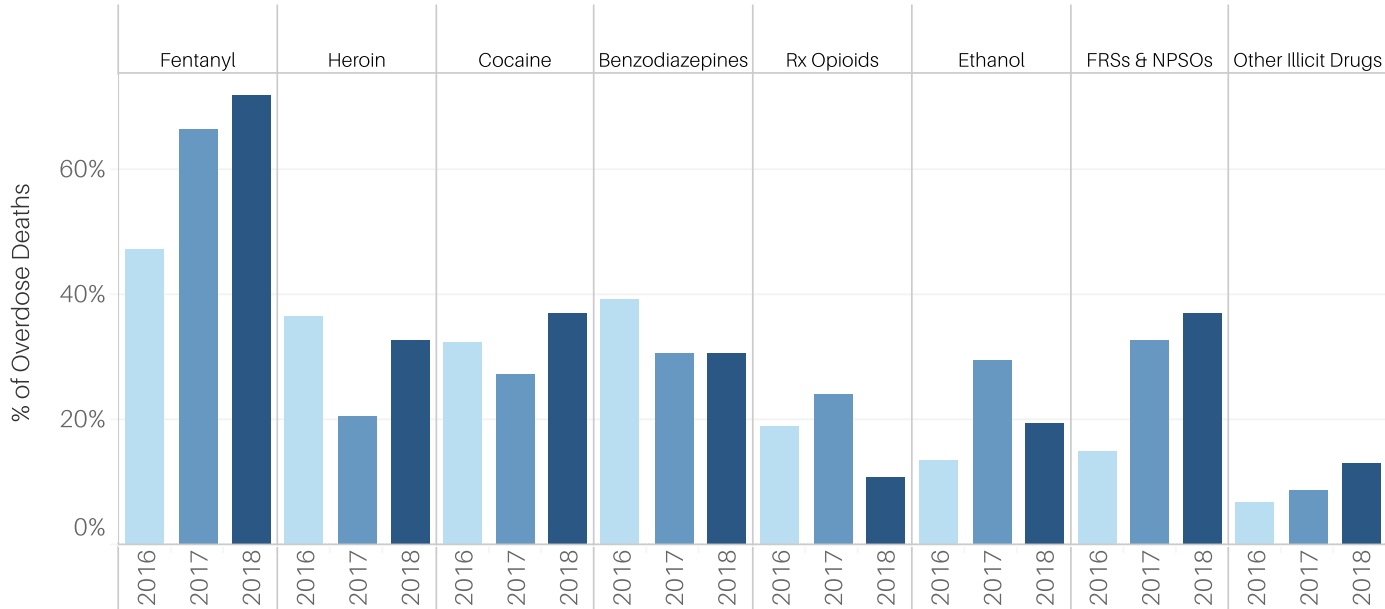
4. Race Distribution



Butler County

Drug-Related Overdose Deaths, 2016-2018

5. Percent of Overdose Deaths per Drug Category per Year



6. Percent of Overdose Deaths per Drug Category per Age Group per Year

Drug Category	2016				2017			2018		
	0-24	25-44	45-64	65+	0-24	25-44	45-64	0-24	25-44	45-64
Fentanyl	50%	47%	36%	100%	63%	77%	46%	100%	59%	88%
Heroin	50%	38%	9%	100%	50%	21%	11%	67%	33%	25%
Cocaine	50%	29%	36%	50%	25%	30%	21%	67%	26%	50%
Benzodiazepines	17%	44%	36%		25%	29%	36%	33%	33%	25%
Rx Opioids	17%	15%	45%		38%	13%	43%		11%	13%
Ethanol	17%	13%	18%		13%	29%	36%		19%	25%
FRSs & NPSOs	17%	18%			50%	32%	29%		41%	38%
Other Illicit Drugs		9%			13%	11%	4%	33%	7%	19%

7. Per Drug Category per Gender per Year

Drug Category	2016		2017		2018	
	Female	Male	Female	Male	Female	Male
Fentanyl	42%	50%	62%	68%	55%	85%
Heroin	35%	38%	31%	17%	30%	35%
Cocaine	31%	33%	38%	23%	45%	31%
Benzodiazepines	54%	31%	35%	29%	30%	31%
Rx Opioids	19%	19%	27%	23%	10%	12%
Ethanol	12%	15%	12%	36%	10%	27%
FRSs & NPSOs	15%	15%	46%	27%	30%	42%
Other Illicit Drugs	12%	4%	4%	11%	20%	8%

8. Per Drug Category per Race, 2016-2018

Drug Category	White	Black
Fentanyl	60%	100%
Heroin	29%	25%
Cocaine	30%	75%
Benzodiazepines	34%	
Rx Opioids	19%	50%
Ethanol	22%	25%
FRSs & NPSOs	26%	75%
Other Illicit Drugs	9%	25%