



DRUG USE DATA BRIEF

July 27, 2018

Prepared by: Dustin Ratliff, MPH

INTRODUCTION

Opioids are a class of drugs that are designed to replicate the pain reducing properties of opium. Opioids are designed to disrupt pain signals in the brain by binding to specific receptors in the brain. In addition, opioids can create a euphoria or high by releasing dopamine and activating reward centers of the brain. Opioids include both legal drugs used for pain control such as morphine, oxycodone, or hydrocodone, and illegal drugs such as heroin, illegally made fentanyl, and carfentanil.

WARREN COUNTY

Warren County has not been immune to the opioid epidemic. In 2007, there were 17 deaths in the county due to unintentional drug overdose. 2017 had the highest number of deaths due to drug overdose, rising to 81 deaths of Warren County residents due to unintentional drug overdose. Over the last 10 years the death rate due to unintentional drug overdose has increased by 426% in Warren County to 35.4 deaths per 100,000 population.

UNITED STATES

More than 115 people die after overdosing on opioids every day in the United States. The Centers for Disease Control and Prevention estimates that the total "economic burden" of prescription opioid misuse alone in the United States is \$78.5 billion a year, including the costs of healthcare, lost productivity, addiction treatment, and criminal justice involvement.

OHIO

The opioid epidemic in Ohio has impacted every community in the state. Ohio's death rate due to unintentional drug overdoses has increased by over 335% between 2007 and 2017. Over 13 people died each day in Ohio in 2017 due to unintentional drug overdose.

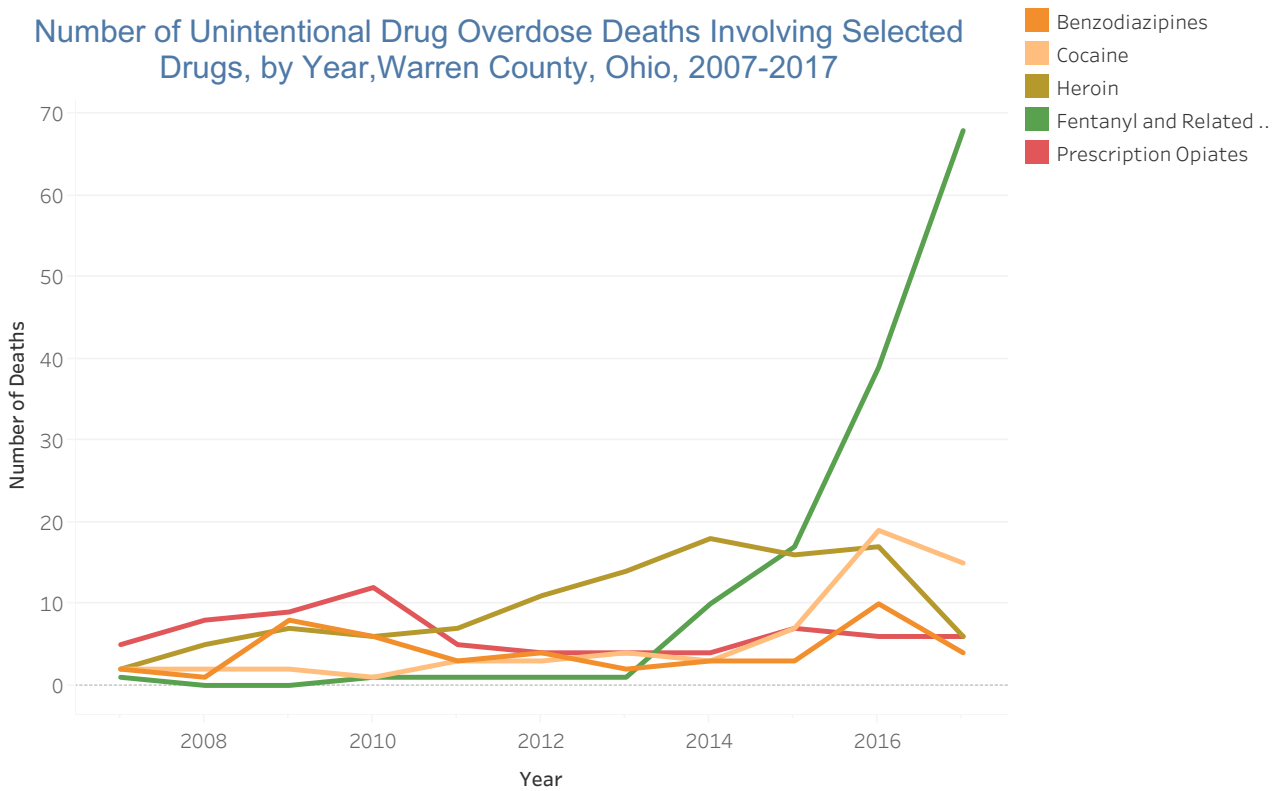
Unintentional Overdose Deaths

	2007	2017
Ohio	1,351	4,849
United States	29,846	70,467
Warren County	17	81

Number of Unintentional Drug Overdose Deaths Involving Specific Drug(s), As Mentioned on Death Certificate, by Year, Warren County, Ohio 2007-2017

	Year										
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Alcohol	0	0	3	5	0	2	3	4	1	7	3
Benzodiazepines	2	1	8	6	3	4	2	3	3	10	4
Cocaine	2	2	2	1	3	3	4	3	7	19	15
Opiates (All)	8	12	16	19	13	16	18	28	36	51	76
Fentanyl and Related Drugs	1	0	0	1	1	1	1	10	17	39	68
Methadone	4	6	7	8	2	2	1	0	2	1	1
Prescription Opiates	5	8	9	12	5	4	4	4	7	6	6
Heroin	2	5	7	6	7	11	14	18	16	17	6
Hallucinogens	0	0	0	0	1	0	0	0	0	0	0

Number of Unintentional Drug Overdose Deaths Involving Selected Drugs, by Year, Warren County, Ohio, 2007-2017



Number of Fentanyl and Related Drug Deaths and Number of Unintentional Overdose Deaths, by Year, Warren County, Ohio, 2007-2017

