

Drug Overdose Report: Eaton County



Barry-Eaton District Health Department

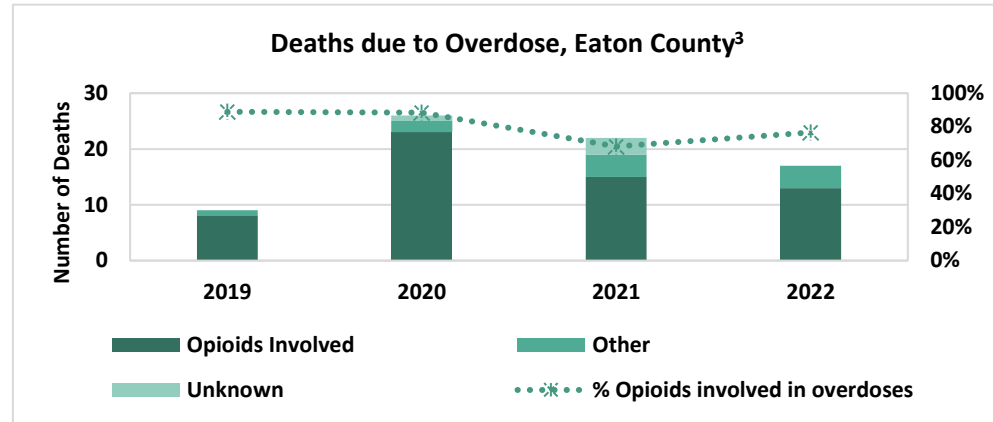
Data in Action Report Published May 2023

Number of drug-related overdose deaths, by selected characteristics, Eaton County, January 2021 - December 2022³

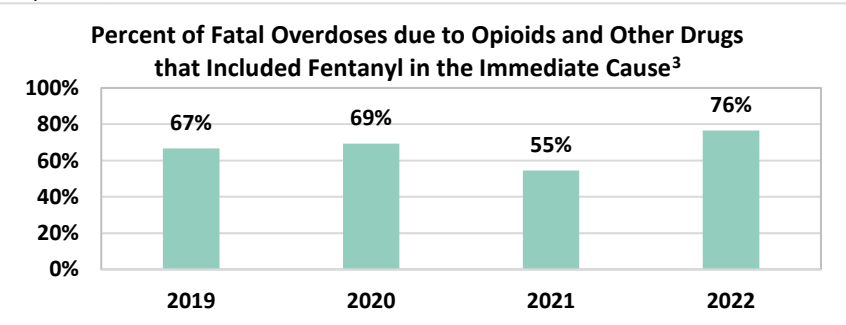
Deaths due to Drug Overdose	
Total Drug Overdose Deaths	39
Deaths due to Drug Overdose - Opioid	
Total Opioid Related Deaths	28 (72% of all overdose deaths)
Average Age	43
Median Age	42
Poly-Substance	22 (79%)
Single Substance	6 (21%)
Substances Involved*	
Fentanyl	26 (93%)
Heroin	2 (7%)
Prescription Opioids†	4 (14%)
Cocaine	4 (14%)
Methamphetamine	9 (32%)
Alcohol	6 (21%)
Combinations with Fentanyl	
Heroin and Fentanyl	2 (100% of all heroin overdoses included fentanyl)
Cocaine and Fentanyl	4 (100% of all cocaine overdoses included fentanyl)
Methamphetamine and Fentanyl	9 (100% of all methamphetamine overdoses included fentanyl)

*Deaths by substance involved are not mutually exclusive and do not constitute an exhaustive list; often multiple drugs are identified as a related cause of death in a single use.

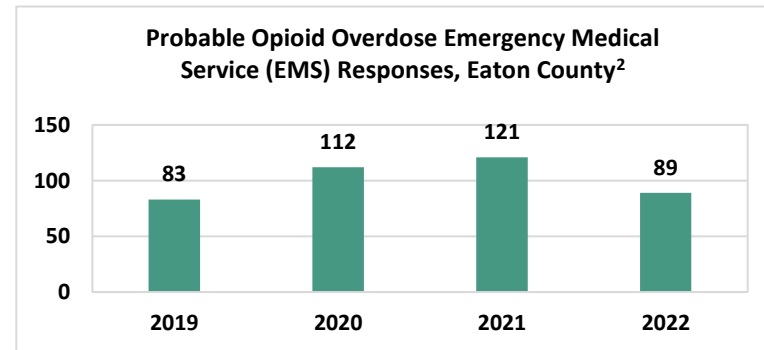
†Prescription opioids: hydrocodone, hydromorphone, methadone, morphine, oxycodone, and tramadol.



The percent of opioids involved in fatal drug overdoses in Eaton County increased slightly from 2021 to 2022. In 2022, 76% of all fatal drug overdoses involved opioids. Fatal drug overdoses increased from 9 to 26 between 2019 and 2020, but the number of fatal drug overdoses has been decreasing each year since 2020.



About 66% of all fatal overdoses due to opioids and other drugs between 2019 and 2022 in Eaton County included fentanyl in the immediate cause of death.

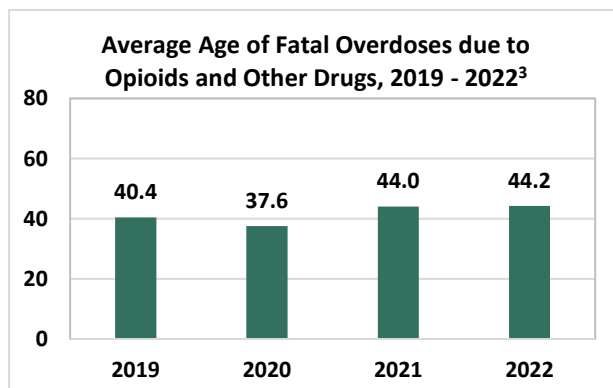
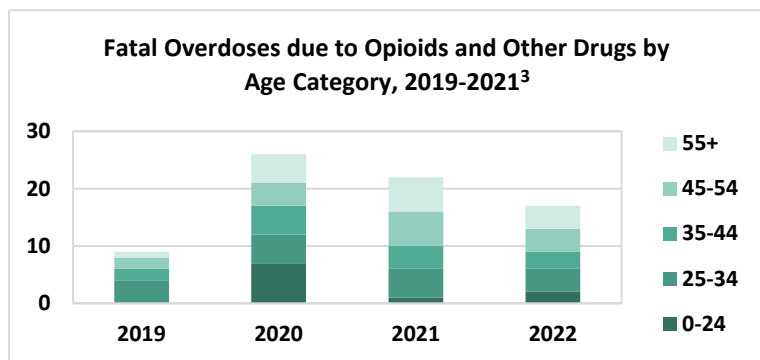


- The number of EMS responses to probable opioid overdoses increased each year from 2019 to 2021.
- There was a 26% decrease in EMS responses between 2021 and 2022.
- Overdose Emergency Department Visits in 2021: 348.6 per 100,000 population²

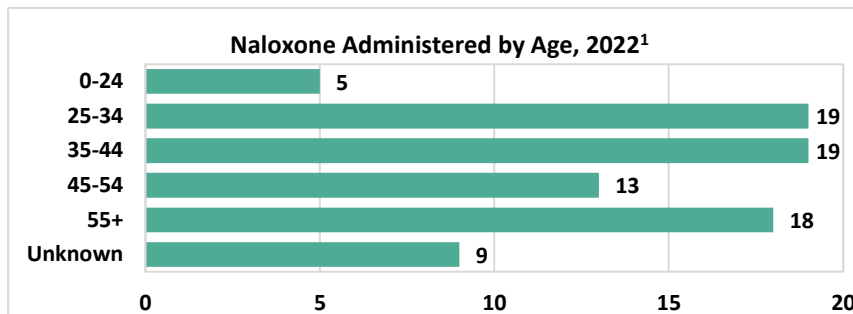
Opioid-related overdose deaths by demographics, Eaton County, January 2021 – December 2022³

Deaths due to Drug Overdose- Opioid Related		
Total: 28		
Number (%)		
Sex	Male	19 (68%)
	Female	9 (32%)
Age	0-24	2 (7%)
	25-34	8 (29%)
	35-44	6 (21%)
	45-54	4 (14%)
	55+	8 (29%)

The highest proportion of fatal overdoses in 2022 were among the 25-34-year age category. The lowest proportion of fatal overdoses have been among the 45-54-year age category since 2019. Data for 2021 and 2022 combined revealed the highest proportion of fatal opioid-related overdoses were among the 25-34 and 55+ year age categories and 68% of fatal opioid-related overdoses were among males.



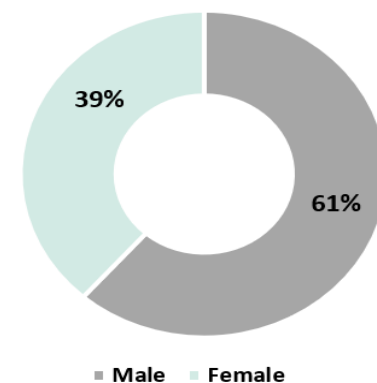
Naloxone Administrations in 2022



The highest number of naloxone administrations in 2022 occurred among the 25-34 and 35-44 age categories. The highest number of administrations occurred in January and October of 2022.

Zip Code	Incidents	Percent
48917	22	26.5%
48827	15	18.1%
48813	13	15.7%
48837	9	10.8%
48821	7	8.4%

Naloxone Administered by Gender, 2022¹



Similar to opioid-related overdose fatalities, naloxone administrations were higher among males versus females. The highest number of naloxone administrations by EMS occurred in zip code 48917 with 22 administrations in 2022.

Sources:

¹Michigan EMS Information System (MI-EMSIS)

²Michigan Syndromic Surveillance System (MSSS) by Michigan Department of Health and Human Services (MDHHS)

³Sparrow Office of Medical Examiner

All data collected is provisional and subject to change. Data may not always be complete, and data should not be considered a definitive opioid overdose count.

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