

Opioid Report

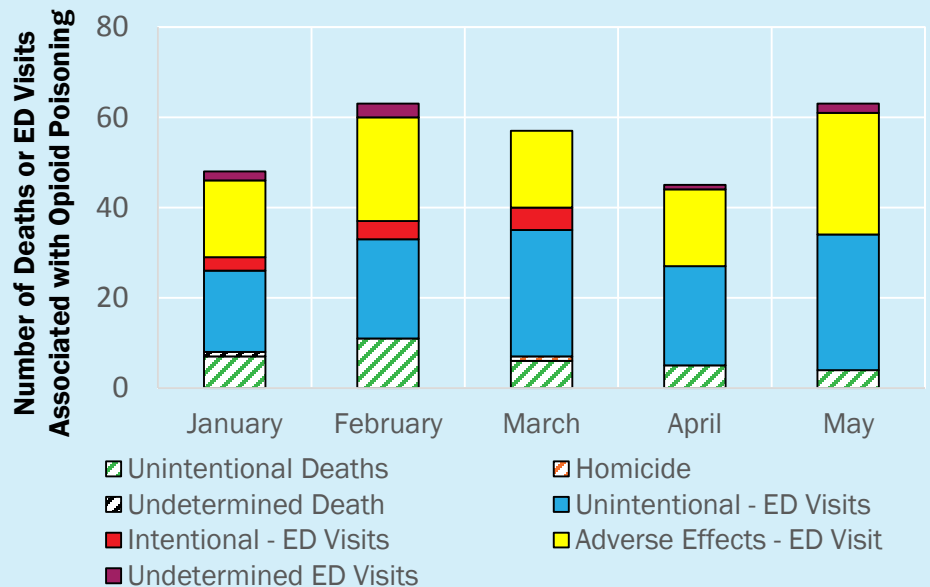


The Opioid Report: Reimagined

The Washtenaw Health Department Opioid Report takes on a new look and content beginning this month. Previously, the report included emergency department visits associated with opioid poisonings designated as ‘unintentional and indeterminant’ only. **As the epidemic progresses, we are now including all opioid related poisonings**, including intentional as well as adverse effects (i.e. respiratory depression, tolerance, dependence, etc). This approach provides a greater understanding regarding the impact, risk and protective factors related to opioid use on individuals, families, communities, and health care systems.

Additionally, this issue reveals details regarding **opioid types involved in poisonings**, as well as **sociodemographic profiles** of Washtenaw County residents who experience opioid poisonings. Ultimately, our hope is that these data will be used to inform increasingly effective prevention interventions. Up-to-date emergency department and death data can always be found at washtenaw.org/opioids.

Opioid Related Poisonings¹ By Intentionality² and Manner³ Deaths and Emergency Department Admissions⁴ Washtenaw County Residents | January 2018 – May 2018⁵



¹ Source: Washtenaw County Health Department, Washtenaw County Medical Examiner. Deaths and Emergency Department Admissions include unintentional, intentional, adverse effects and undetermined opioid related poisonings. Emergency Department Visits include opioid poisoning related admissions for Washtenaw County residents at Michigan Medicine and Saint Joseph Mercy Hospitals. Waller, A. WCHD Internal Communications.

² Poisonings related to opioids reflect incorrect amount, frequency or administration. These may be intentional or unintentional. ‘Adverse effects’ occur when therapeutic medication is prescribed correctly, administered properly, but the patient suffers a physical reaction such as tolerance, dependence, or respiratory depression.

³ ‘Manner of Death’ describes circumstances of a death, as designated by the Washtenaw County Medical Examiner.

⁴ Persons who survived the poisoning and who refused or did not seek medical care are not included. Nearly all patients who are admitted to the ED for opioid related poisonings survive their overdose.

⁵ Data for 2018 is provisional and will be finalized at year end.

Beneath the Numbers

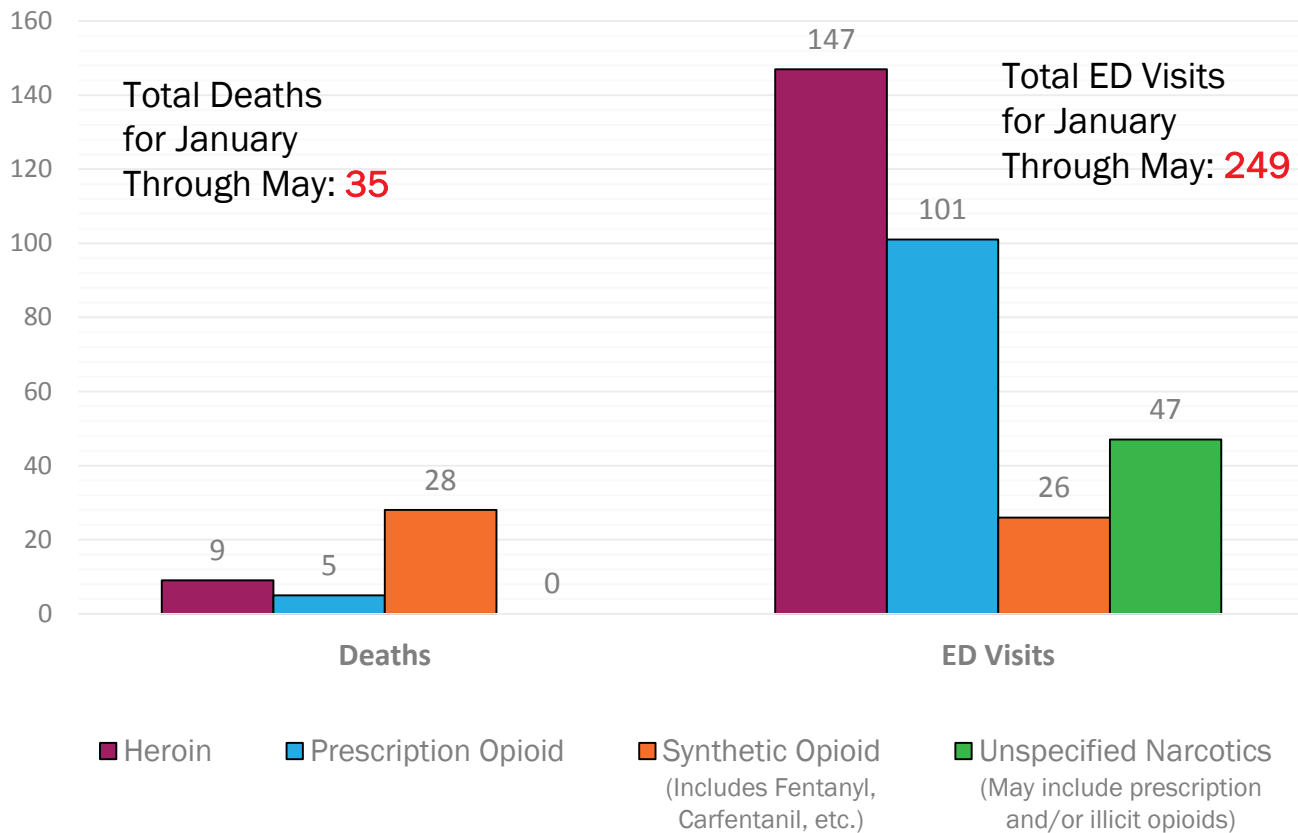
- There were an average of **55 opioid poisonings** (including deaths and Emergency Department (ED) visits) **each month** for Washtenaw County residents.
- 13% of the opioid related poisonings resulted in **death**.
- The vast majority of the deaths were determined as **‘unintentional.’**
- The majority ED visits for opioid poisonings were determined as **‘unintentional’** (50%) or **‘adverse effects’** (42%).

Visit washtenaw.org/opioids for additional opioid reports and data.

Opioid Report



Opioid Related Poisonings By Opioid Type¹ Deaths and Emergency Department Admissions² Washtenaw County Residents | January 2018 – May 2018



¹Source: Washtenaw County Health Department, Washtenaw County Medical Examiner. Deaths and Emergency Department Admissions include unintentional, intentional, adverse effects and undetermined opioid related poisonings. Emergency Department Visit include opioid poisoning related admissions for Washtenaw County residents at Michigan Medicine and Saint Joseph Mercy Hospitals.

Waller, A. WCHD Internal Communications.

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Beneath the Numbers

- **Synthetic opioids and death:** 80% (28/35) of the opioid related poisoning deaths in 2018 were associated with synthetic opioids. Only 10% (26/249) of the ED visits were associated with synthetic opioids.
- **Prescription opioids:** Nearly half (45%; 101/249) of the opioid related poisoning ED visits were associated with prescription opioids. Only 14% (5/35) of the deaths were associated with prescription opioids.
- **Heroin:** Over half of the ED visits (60%; 147/249) involved heroin.





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Opioid Report



Opioid Poisonings By Type¹ for Deaths and Emergency Department Visits² Age, Race, Sex, Geography

Washtenaw County Residents | January 2018 – May 2018

	Heroin	Synthetic Opioids ³	Prescription Opioids	Unspecified Narcotics ⁴
				
Median Age	31 years	47 years	58 years	61 years
Race	7% Black 83% White	15% Black 81% White	28% Black 66% White	25% Black 72% White
Gender	34% Female	46% Female	50% Female	40% Female
Geography by Zip Code of Residence	50% Ypsilanti 26% Ann Arbor 11% Chelsea/ Manchester/ Dexter 6% Milan/ Willis/ Whittaker 3% Whitmore Lake 2% Saline 2% Unknown	50% Ypsilanti 27% Ann Arbor 6% Milan/ Willis/ Whittaker 2% Chelsea/ Manchester/ Dexter 2% Saline 13% Unknown	42% Ypsilanti 30% Ann Arbor 14% Chelsea/ Manchester/ Dexter 6% Saline 4% Milan/ Willis/ Whittaker 1% Whitmore Lake 2% Unknown	42% Ypsilanti 32% Ann Arbor 14% Chelsea/ Manchester/ Dexter 4% Milan/ Willis/Whittaker 6% Saline 1% Whitmore Lake 1% Unknown

¹ Source: Washtenaw County Health Department, Washtenaw County Medical Examiner. Deaths and Emergency Department Admissions include unintentional, intentional, adverse effects and undetermined opioid related poisonings. Emergency Department Visit include opioid poisoning related admissions for Washtenaw County residents at Michigan Medicine and Saint Joseph Mercy Hospitals. Waller, A. WCHD Internal Communications.

² Persons who survived the poisoning and who refused or did not seek medical care are not included. Nearly all patients who are admitted to the ED for opioid related poisonings survive their overdose.

³ Synthetic Opioids include Fentanyl, Carfentanil, etc.

⁴ May include prescription and/or illicit opioids

Beneath the Numbers

- The **average age** is youngest for opioid related poisonings associated with heroin. The average age is significantly older for Opioid related poisonings associated with prescription (58 years) or undetermined opioids (61 years).
- **Black Washtenaw County residents**, who comprise 12% of total Washtenaw County population, are underrepresented for opioid related poisonings involving heroin (7%), and overrepresented for those associated with prescription (28%) or undetermined opioids (25%).
- **Females** comprise nearly half of the opioid related poisonings involving synthetic (46%) and prescription opioids (50%).
- While **Ypsilanti** zip codes represent only 29% of the total Washtenaw County population, Ypsilanti zip code residents represent nearly half of opioid related poisonings for heroin, synthetics, prescription and undetermined substances. Similarly, while Chelsea/Manchester/Dexter (CMD) zip codes represent only 4% of the County population, CMD residents are overrepresented for poisonings from all opioid substances, except for synthetic opioid related poisonings.

Visit washtenaw.org/opioids for additional opioid reports and data.