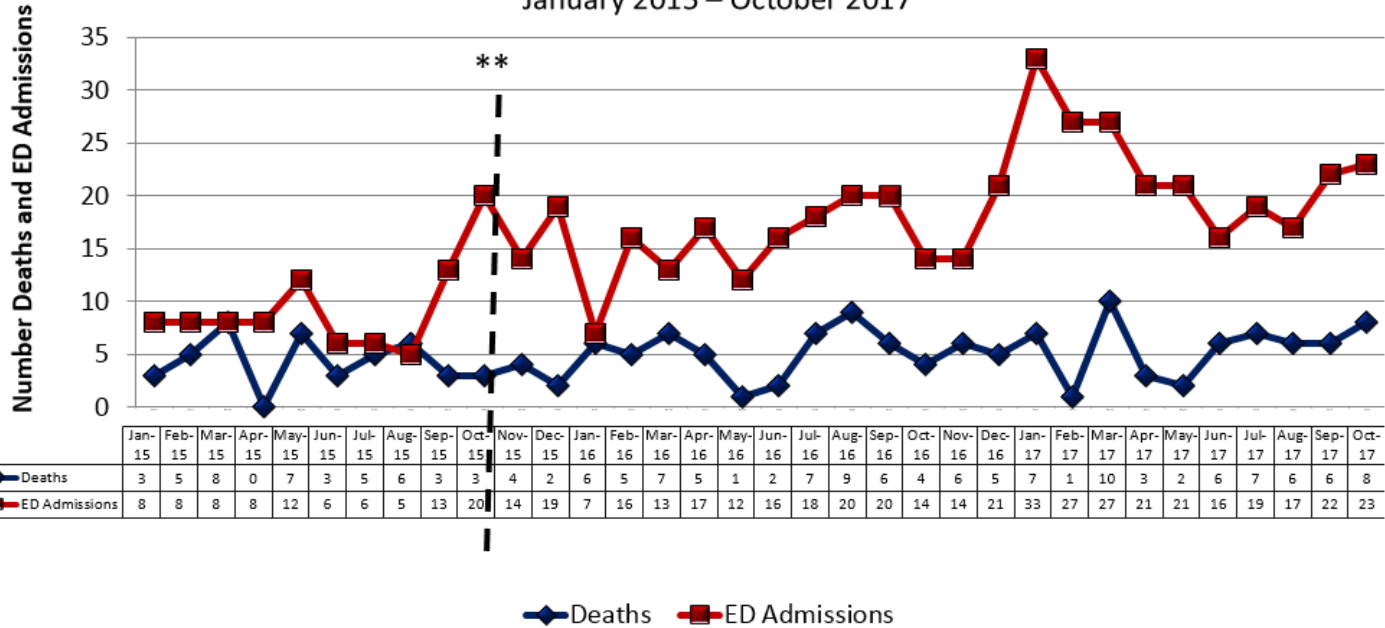




Opioid Related Overdoses

Opioid Related Deaths and Emergency Department Admissions Associated with Unintentional Opiate Overdoses*
 Washtenaw County Residents
 January 2015 – October 2017



*Source: Emergency department data provided by Michigan Medicine and Saint Joseph Mercy Hospitals. Data are considered provisional until end of year reports complete. These numbers do not include persons who survived their overdose and refused or did not seek or receive medical care. These numbers also do not include ED admissions associated with opioids that are not coded as opioid related. Mortality data provided by the Washtenaw County Medical Examiner and Washtenaw County Public Health
 **IN OCTOBER OF 2015, BOTH UNIVERSITY OF MICHIGAN AND SAINT JOSEPH MERCY HOSPITALS IMPLEMENTED THE NEWLY REQUIRED ICD-10. These admissions include unintentional and undetermined intent only.
 . Please Contact Adreanne Waller, MPH Epidemiologist for questions at WallerA@washtenaw.org

BENEATH THE NUMBERS FOR WASHTENAW COUNTY RESIDENTS:

For January 2017 through October 2017:

- **Overdoses For The First Ten Months Of 2017 Exceeded Those For The Entire Year Of 2016.** The total number of overdoses (deaths plus ED admissions) for 2017 (not including November and December) are 24% higher than those for all of 2016.
- **Good News - Case Fatality Rate Is Dropping.** The case fatality rate is the lowest ever since WCHD monitoring began in 2011. Case-Fatality Rate is calculated as the total number of opioid overdose related deaths/total number of opioid related overdoses. In 2011, the case fatality rate was 30%. Through October of 2017, the case fatality rate has **decreased** to 20%.
- **Overdoses per Month Have Doubled.** In 2015, 14 Washtenaw County residents overdosed each month. By 2017, that number more than doubled to 31 overdoses each month.
- **Opportunities for Prevention.** Examining temporal and geographic clusters of overdoses provide potential for better investigation, heightened awareness and intervention to prevent other people from overdosing. For Washtenaw County residents, nearly all (89%) opioid related overdose deaths occurred within four days of other opioid related overdoses. One quarter of these occurred on the **same** day as other opioid related deaths. Further, while only 15% of the opioid related overdoses for people who survived their overdose happened on Fridays, 24% of overdoses that resulted in **death** happened on Fridays.
- **Washtenaw County Residents Are Dying Young.** In 2016 alone, Washtenaw County Residents lost over 2,200 years of life due to opioid overdose related deaths. In 2015, drug related deaths were responsible for more years of life lost than heart disease.

See Back Page For Information Regarding YEARS OF LIFE LOST DUE TO OPIOID RELATED DEATHS

Please contact [Adreanne Waller, MPH, Epidemiologist](mailto:Adreanne.Waller@washtenaw.org), Washtenaw County Health Department, for questions.

January 2018

Go to Washtenaw County Health Department '[Opioid and Heroin Overdose Data](#)' webpage for all Opioid Reports.





Washtenaw County Residents Lost Over 2,200 Years of Life Due to Opioids in 2016

- ❑ In 2016, **59** Washtenaw County residents' deaths were associated with opioids.
- ❑ On average, each Washtenaw County resident whose death was associated with opioids lost 39 years of life.

2,291 Years of Life Lost



*Calculating Years of Life Lost...

Life expectancy is approximately 75 years. By subtracting the age of death from 75 years for Washtenaw County residents whose death was directly associated with opioids, **2,291 years of life were lost*** during 2016.

Source: Washtenaw County Medical Examiner and Washtenaw County Health Department. Waller, A. Jan. 2018.

In 2015, Drug Related Deaths Were Responsible For More Years Of Life Lost To Washtenaw County Residents Than Heart Disease.



2,229 Years of Life Lost*



2,177 Years of Life Lost*

*Years Of Life Lost are calculated by subtracting of the age of death from 75 (expected life span). These years are added for all Washtenaw County residents whose deaths were associated with that cause.

Source: Michigan Department of Health and Human Services and Washtenaw County Health Department. Waller, A. Jan. 2018.



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