



Defiance County General Health District Epidemiology Assessment

1st Quarter Report

April 2, 2019

Estimated Drug Overdoses by Quarter

Table 1. ED visits coded as a drug overdose for Defiance County residents¹

Quarter	2018	2019
1 st Quarter	14	7
2 nd Quarter	16	
3 rd Quarter	9	
4 th Quarter	17	
Total	56	

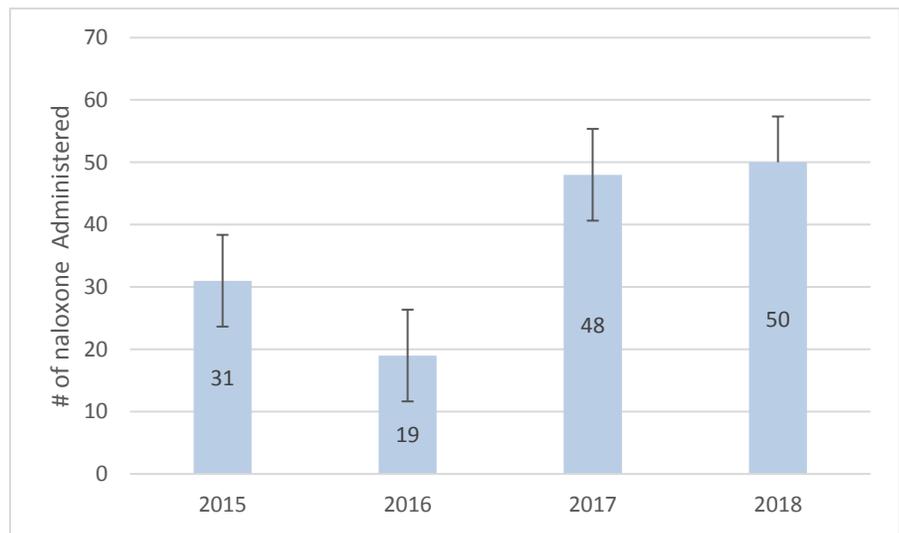
Drug Overdose Emergency Department Visits

This report was created as a surveillance effort to help understand the needs of the community concerning drug overdoses (OD). Table 1 displays the estimated number of emergency department (ED) visits coded as a drug overdose from Defiance County residents. In the first quarter of 2019, there were seven ED visits coded as a drug overdose.

Within the same time period, there were six EMS runs where Defiance Fire and Rescue responded and administered naloxone². Figure 1 is displaying the trends of naloxone being administered by Defiance County EMS agencies.

Reported drug overdoses are non-specific: any drug or multiple drugs may be involved. It is difficult to know the true number of opioid-related poisonings because some individuals refuse to be transported to an emergency department during an overdose, therefore, these data are estimates.

Figure 1. Naloxone Administration by Defiance County EMS³



Crash Statistics

In 2018, there were 1,117 vehicle crashes in Defiance County. The driver was under the influence of drugs in 1% of crashes and 4% of crashes the driver tested positive for alcohol. The main contributing factors for a crash included non-motorist (animals, poles), followed to closely and failure to control vehicle.

Sources:

1. ED visits coded as drug overdoses are derived from data in the EpiCenter and represent only those reported in the system. These data are provisional and subject to change when additional data are reported. Overdoses are selected based on codes at diagnosis. Data reported as of 4/1/2019. 2. Defiance Fire and Rescue 3. Defiance County EMS Agencies, preliminary data.

** Preliminary data for 2018 was collected from the Ohio EMS Data Center