



Defiance County General Health District Epidemiology Assessment

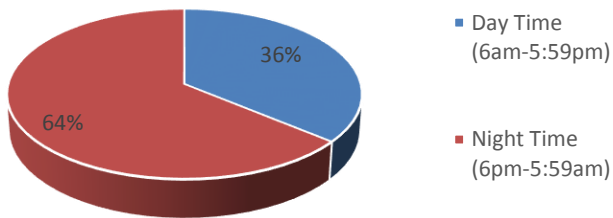
4th Quarter Report
January 20, 2017

Drug Overdoses by Quarter

Table 1. ED visits coded as drug overdose by quarter for Defiance County residents*

Quarter	2015	2016
1 st Quarter	20	21
2 nd Quarter	12	17
3 rd Quarter	15	11
4 th Quarter	12	16
Total	59	65

Figure 1. Time of Overdose seen in ED
2011-2016*



From 2011-2016, there were more individuals being seen in the emergency department for overdoses between the night hours than during the day hours (Figure 1). In 2016, naloxone was administered 18 times by Defiance County EMS. This number may be decreasing due to naloxone being readily available in pharmacies. Males were more frequently administered naloxone than female within Defiance County.

Source: Defiance Fire and Rescue Division and EMSIRS

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) and naloxone administrations within Defiance County. Table 1 displays the total number of emergency department (ED) visits coded as drug overdose from all Defiance County hospital ED records. There were 65 ED visits as drug overdose in 2016 compared to 59 in 2015. The highest OD visits occurred among the age group of 25-34. Fifty-seven percent of the ED visits were among females. Figure 2. Displays the trend of OD visits by year.

Reported drug overdoses were from the following: prescriptions, over the counter medications, and other illegal drugs. 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.

*ED visits coded as drug overdoses are derived from data in the EpiCenter and represent only those reported in the system (table 1 and figure 1 and 2). 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 1/3/2017.

Figure 2. ED visits due to Drug Overdose, 2011-2016*

