



# Defiance County General Health District Epidemiology Assessment

Quarterly Report  
October 17, 2016

## Drug Overdoses by Quarter

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

Quarter	2015	2016
1 <sup>st</sup> Quarter	20	21
2 <sup>nd</sup> Quarter	12	17
3 <sup>rd</sup> Quarter	15	11
4 <sup>th</sup> Quarter	12	
Total	59	49

This report was created as a surveillance effort to help understand the needs of the community concerning drug overdoses 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. ED visits for drug overdoses decreased in the third quarter compared to the second quarter in 2016, (11 vs. 17 coded drug overdoses). 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). 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 10/11/2016.

## Naloxone Administered by Defiance County EMS

From January through September 2016, naloxone was administered 16 times by Defiance County EMS compared to 23 administrations from January-September, 2015. This number may be decreasing due to naloxone being readily available in pharmacies. Males were more frequently administered naloxone than female between the same time frame. Source: Defiance Fire and Rescue Division and EMSIRS

Figure 1. Drug Overdose Hospitalizations from January-September, 2011-2016\*

