

### **Chart 1**

- \*Overdose deaths in Ulster County have increased 180% from 2010 to 2017
- \*Deaths attributable to opioid overdose have tripled, from 14 deaths in 2010 to 42 in 2017
- \*Heroin and fentanyl involved deaths appear to have peaked in 2016 with 55% of overdose deaths compared to 15% in 2010. 2017 shows a decrease in percentage of heroin and fentanyl overdose deaths, but it is too early to tell if this is a trend
- \*I-STOP was implemented in 2013, and while 2014 saw a significant drop in prescription opioid deaths, there has been a steady increase in those deaths since then
- \*Source: *Ulster County Medical Examiner Investigations, as of 5/18/18*

### **Chart 2**

- \*This chart shows the proportion of overdose deaths by age group for 2010-2013 on the left compared to the latest 4 year period, 2014-2017 on the right
- \*Overdose deaths among individuals 41-50 and 51-60 decreased considerably
- \*Overdose deaths among individuals 21-30 years of age increased significantly, from 10% to 24%
- \*The increase in overdose deaths among individuals 61 years or older is also notable, going from 7% to 11%
- \*Source: *Ulster County Medical Examiner Investigations, as of 5/18/18*

### **Chart 3**

- \*There is a demonstrable difference in substances involved by age. Heroin/fentanyl are involved in 53% of overdose deaths among individuals 15-40 years of age and in 25% of overdose deaths in individuals 41+
- \*Other opioids excluding heroin/fentanyl contributed to 29% of overdose deaths among individuals 15-40, and 35% for individuals 41+
- \*Any opioid including heroin/fentanyl contributed to 82% of overdose deaths for those aged 15-40, and 59% for those 41+
- \*Source: *Ulster County Medical Examiner Investigations, as of 5/18/18*

### **Chart 4**

- \*Between 2010 and 2016 there were 421 emergency room visits among Ulster County residents due to non-fatal overdose from heroin or other opioids.
- \*The rate of heroin overdose has increased dramatically, from 5.5 overdoses per 100,000 in 2011 to 37.7 overdoses per 100,000 in 2016
- \*The rate of overdose from other opioids has nearly doubled, from 11.5 overdoses per 100,000 in 2010 to 21.6 overdoses per 100,000 in 2016
- \*Source: *SPARCS data as of September 2016, County Opioid Quarterly Report for NYS Counties (published July 2017 & April 2018), all obtained from <https://www.health.ny.gov/statistics/opioid/> as of 6/12/18; US Census Population estimates*

### **Chart 5**

- \*This chart combines emergency room visits and hospitalizations for Ulster County residents due to non-fatal overdose from heroin or other opioids.
- \*The rate of heroin overdose has increased dramatically, from 5.5 overdoses per 100,000 in 2011 to 43.3 overdoses per 100,000 in 2016

\*The rate of overdose from other opioids has nearly doubled, from 19.7 overdoses per 100,000 in 2010 to 36.1 overdoses per 100,000 in 2016  
\*Source: SPARCS data as of September 2016, County Opioid Quarterly Report for NYS Counties (published July 2017 & April 2018), all obtained from <https://www.health.ny.gov/statistics/opioid/> as of 6/12/18; US Census Population estimates

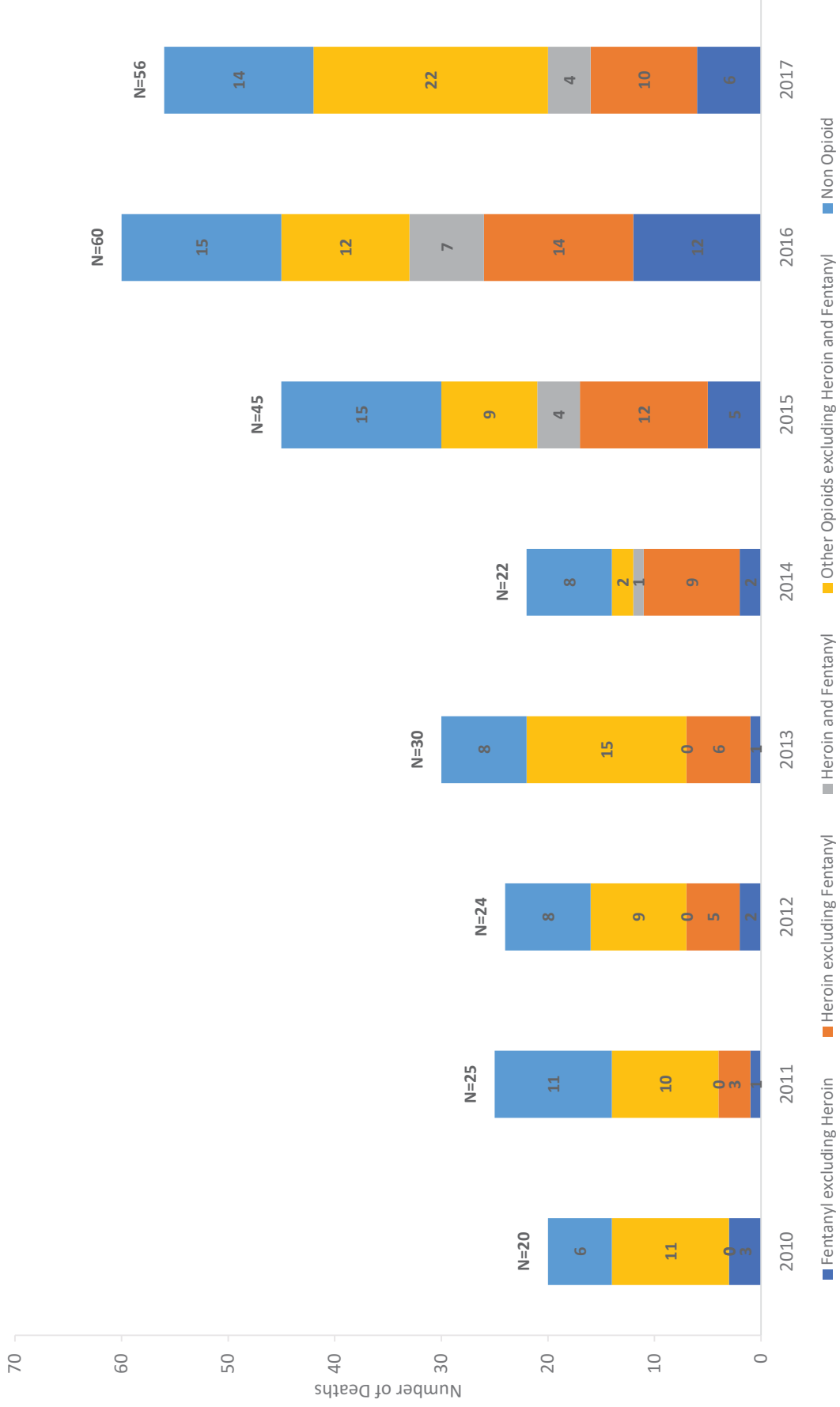
#### **Chart 6**

\*The rate of non-fatal heroin overdose resulting in emergency room visits increased 585% from 2011 to 2016, and is in line with NYS rate  
\*The rate of non-fatal overdose involving opioids other than heroin resulting in emergency room visits is consistently higher than the NYS rate  
\*Source: SPARCS data as of September 2016, obtained from <https://www.health.ny.gov/statistics/opioid/> as of 6/12/18

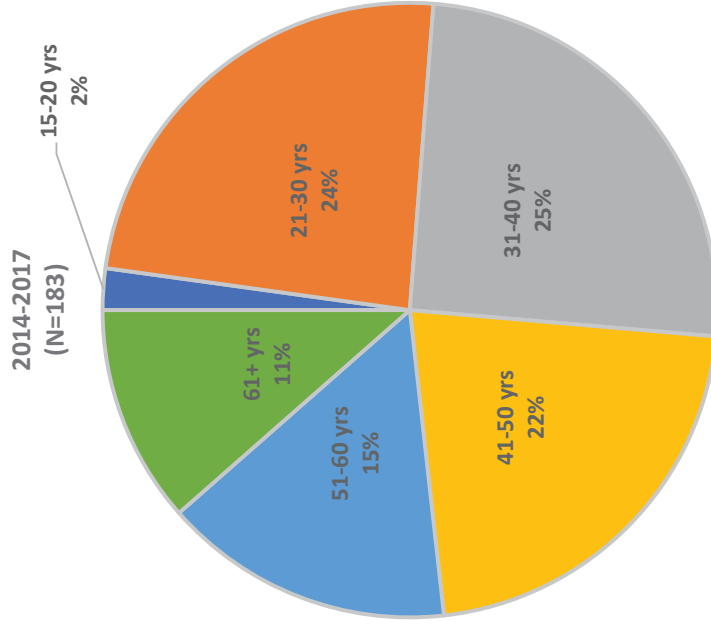
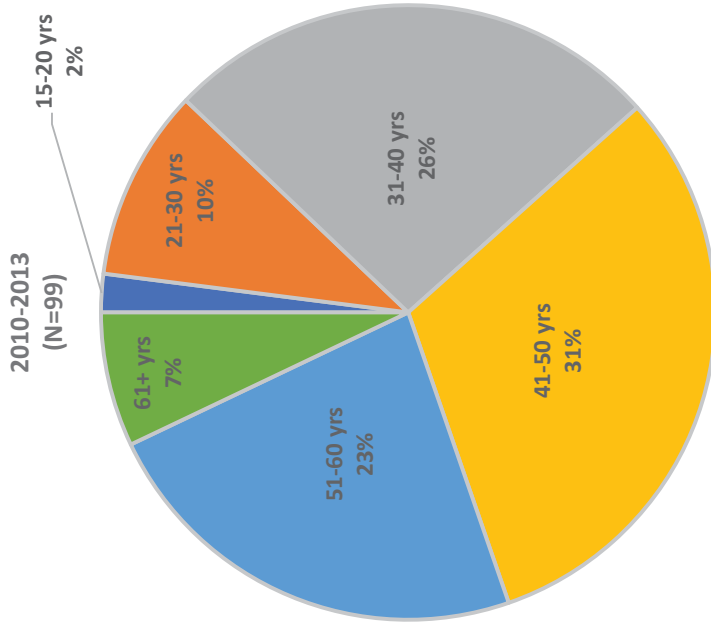
#### **Chart 7**

\*Rates of non-fatal heroin overdose resulting in hospitalization increased from none in 2010 to 5.6 per 100,000 in 2016, and hovers at or just below the NYS rate  
\*The rate of non-fatal overdose involving opioids other than heroin resulting in hospitalization shows a sharp decrease in 2013, but steadily rising again since, whereas the NYS rate continues to decrease  
\*Source: SPARCS data as of September 2016, obtained from <https://www.health.ny.gov/statistics/opioid/> as of 6/12/18

## Annual Number of Overdose Deaths by Substance Type, Ulster County Medical Examiner Investigations, 2010-2017

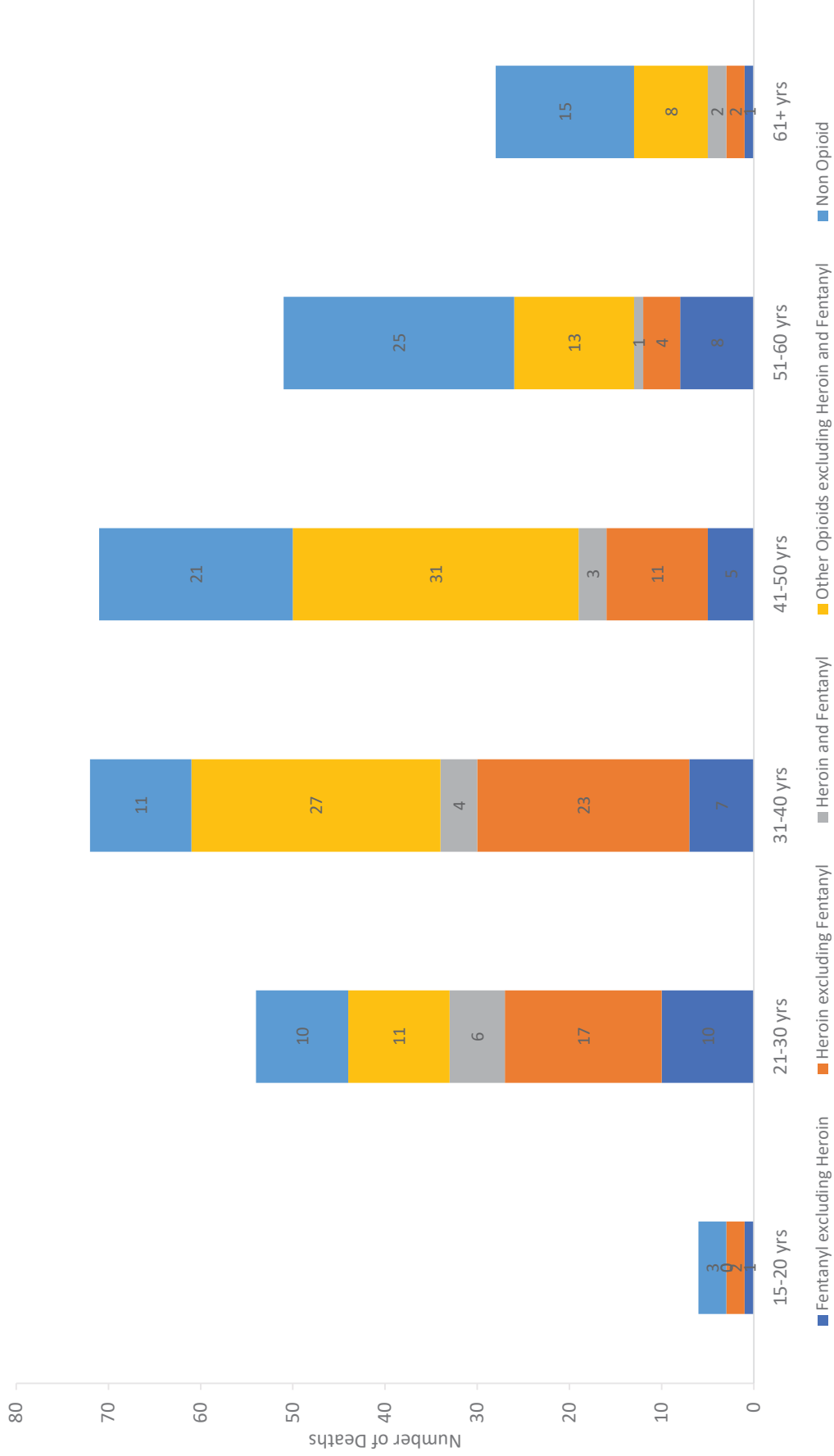


## Overdose Deaths by Age Group, Ulster County Medical Examiner Investigations

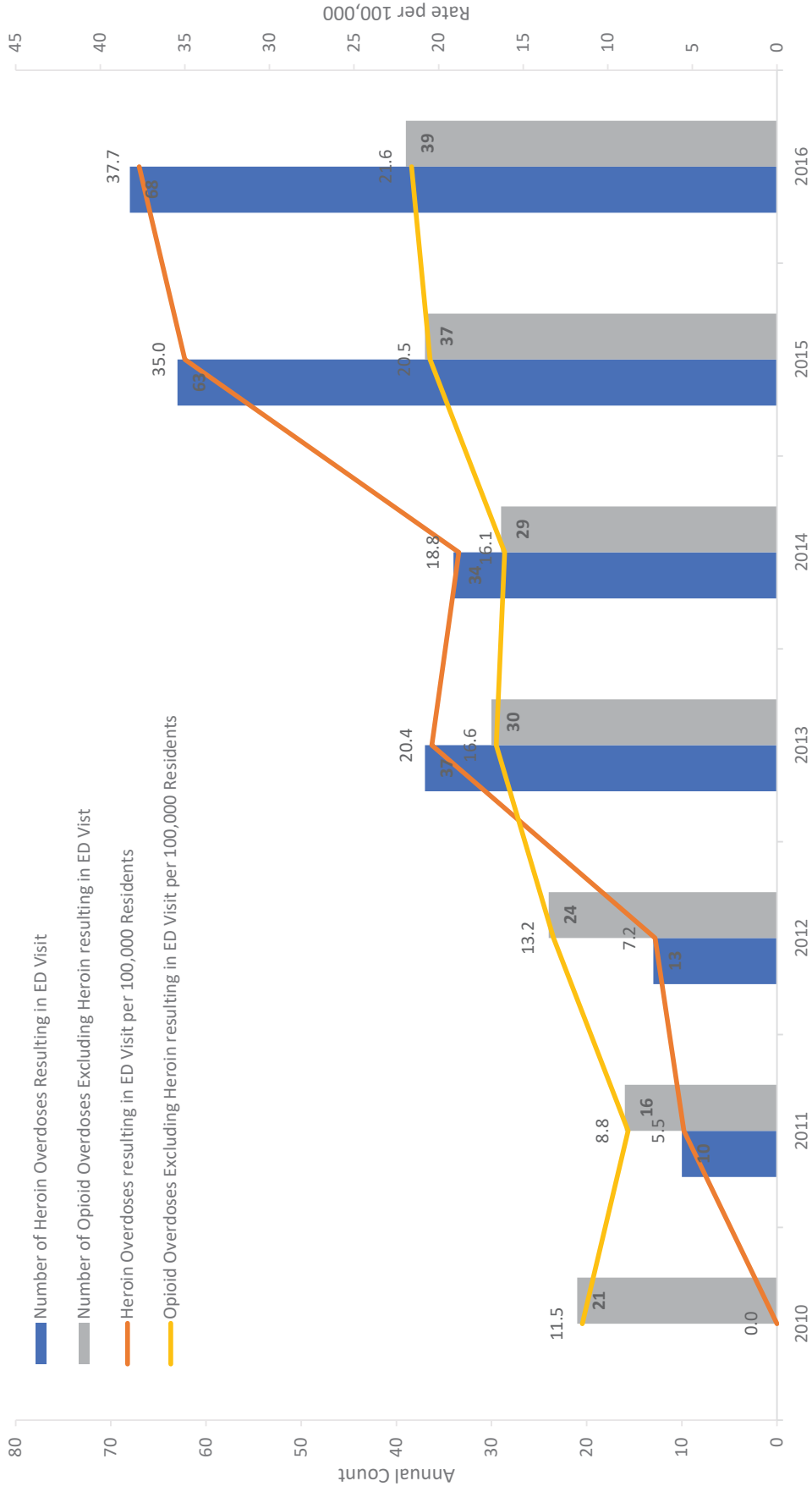


# Overdose Deaths by Substance Type and Age Group, 2010-2017

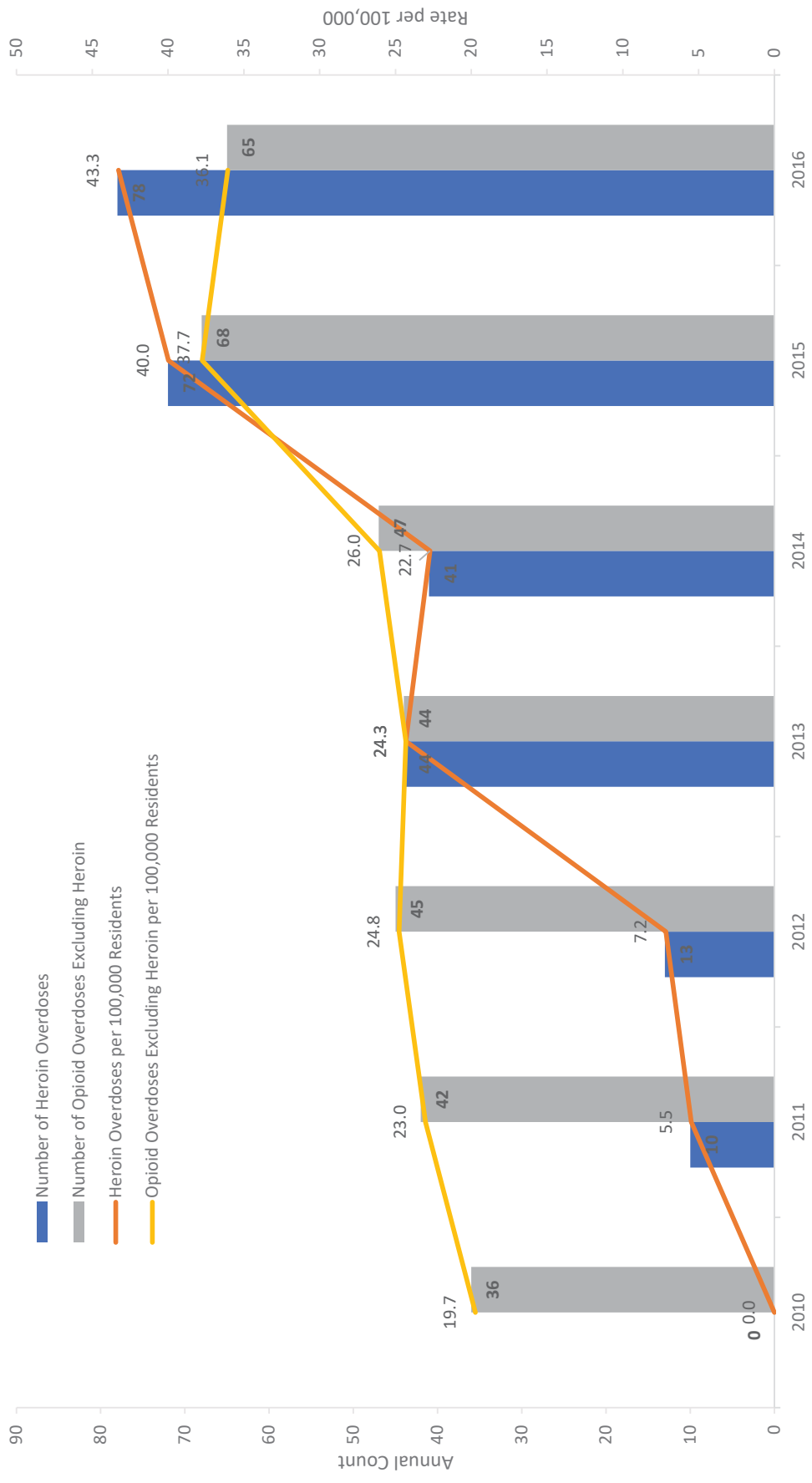
## Ulster County Medical Examiner Investigations



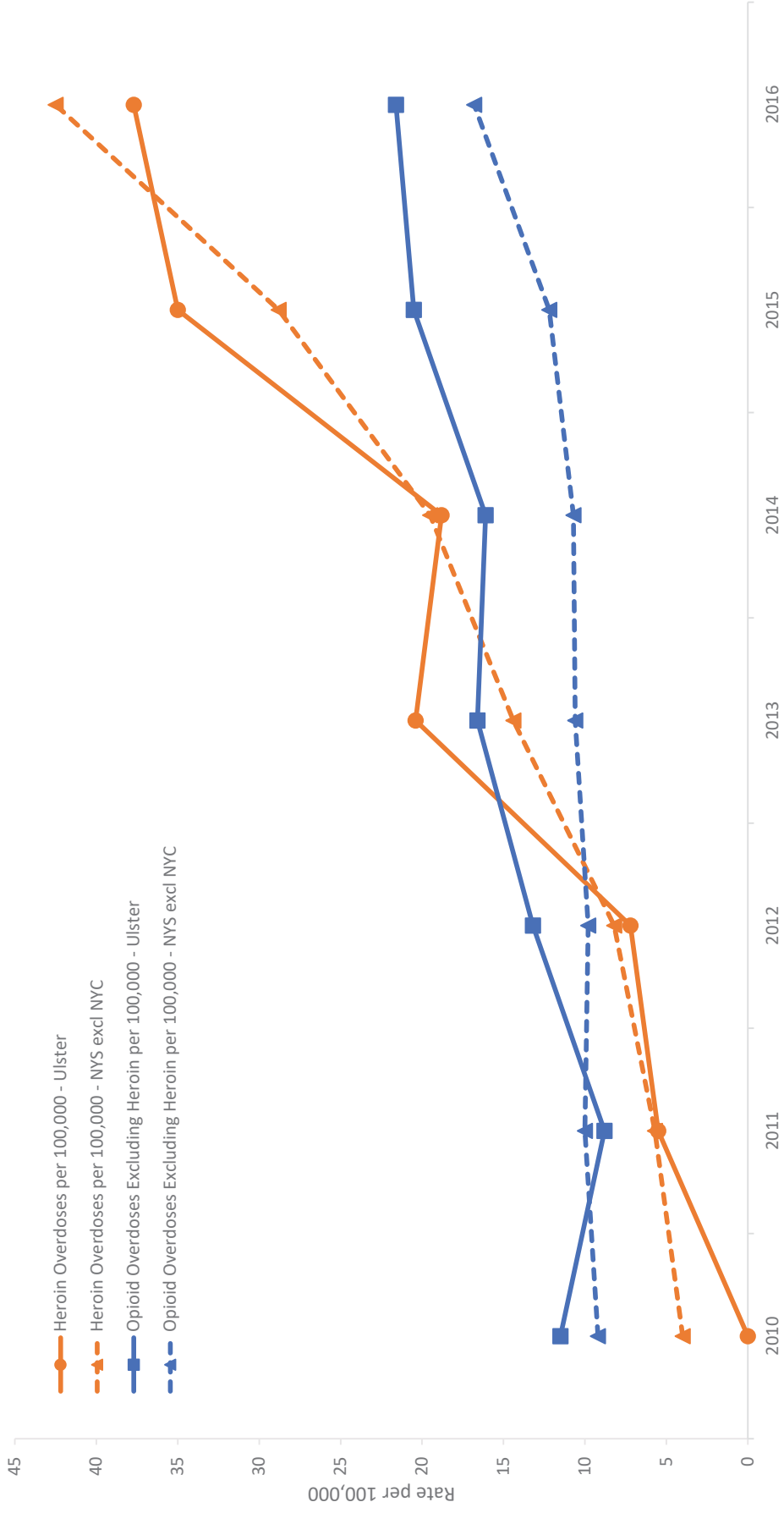
## Rate of Non Fatal Overdose by Heroin & Other Opioids Resulting in Emergency Room Visits per 100,000 Ulster County Residents, 2010-2016



## Rate of Non Fatal Overdose by Heroin & Other Opioids Resulting in Emergency Room Visits or Hospitalization per 100,000 Ulster County Residents, 2010-2016



### Rate of Non Fatal Overdose by Heroin & Other Opioids Resulting in Emergency Room Visits per 100,000 Ulster County Residents and New York State, 2010-2016





**Rate of Non Fatal Overdose by Heroin & Other Opioids  
Resulting in Hospitalization per 100,000  
Ulster County Residents and New York State, 2010-2016**

