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**CUYAHOGA COUNTY**

**MEDICAL EXAMINER'S OFFICE**

**Heroin/Fentanyl/Cocaine  
Related Deaths in  
Cuyahoga County**

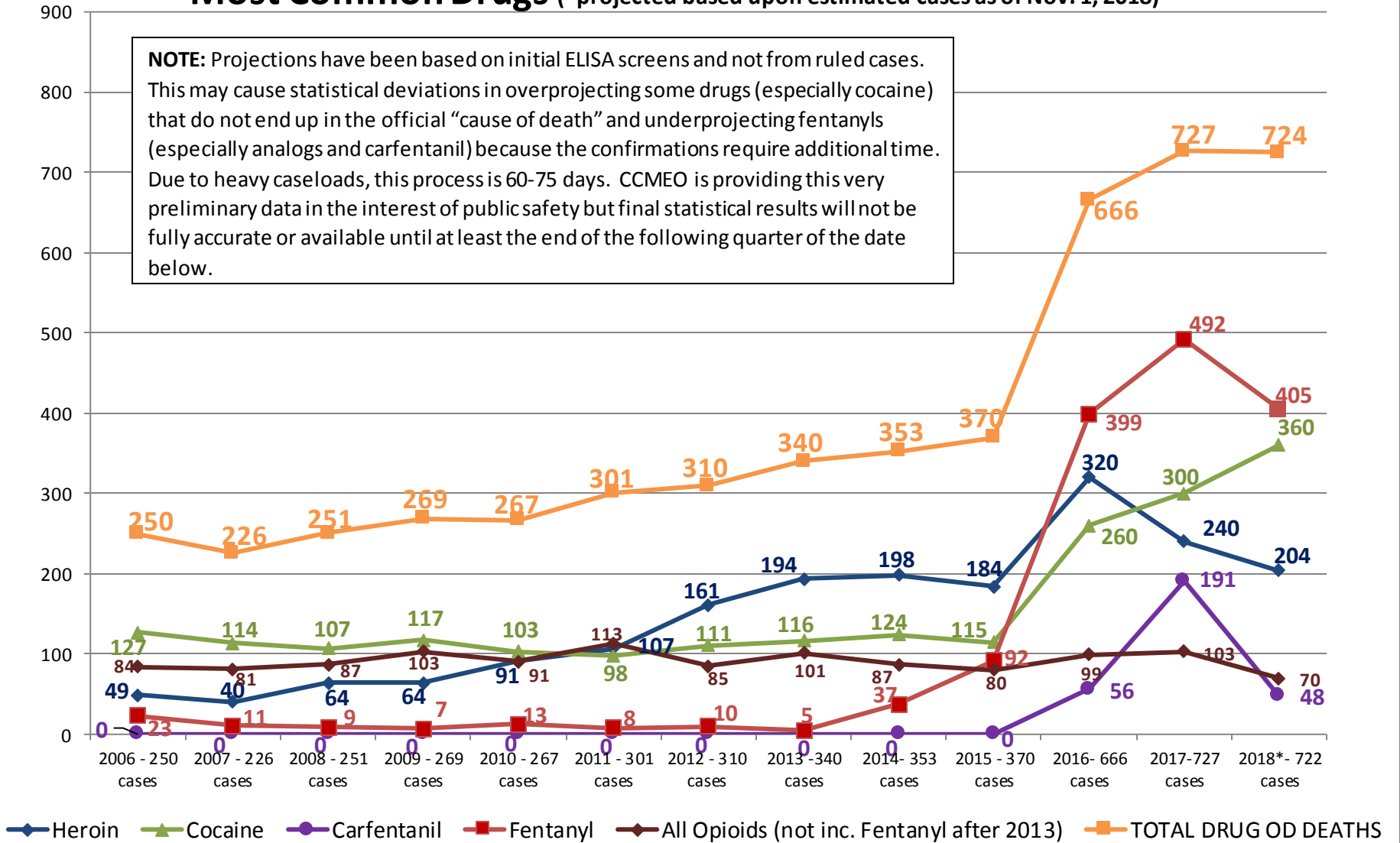
**2018 OCTOBER UPDATE**

**November 7, 2018**

# Cuyahoga County Overdose Deaths 2006-2018\*

## Most Common Drugs (\*projected based upon estimated cases as of Nov. 1, 2018)

**NOTE:** Projections have been based on initial ELISA screens and not from ruled cases. This may cause statistical deviations in overprojecting some drugs (especially cocaine) that do not end up in the official "cause of death" and underprojecting fentanyls (especially analogs and carfentanil) because the confirmations require additional time. Due to heavy caseloads, this process is 60-75 days. CCMEO is providing this very preliminary data in the interest of public safety but final statistical results will not be fully accurate or available until at least the end of the following quarter of the date below.



Source: Cuyahoga County Medical Examiner's Office revised 11-4-18



# **CURRENT PUBLIC HEALTH EMERGENCY – At least 12 fatalities since NOV. 1**

**Fatal Cases due to heroin/fentanyl/analogs in OCTOBER—at least 34 (31 cases pending additional testing)**

16 - City of Cleveland Residents

12 - Suburban Residents- Brook Park, Brooklyn Hts., Lakewood (2), Parma (2), Parma Hts. (3), Solon, Strongsville and University Hts., and,

6 - Out of County—Ashtabula (Ashtabula), Eastlake, Madison (Lake), Garrettsville (Geauga) and Sandusky (Erie), Lagrange (Lorain).

## **VICTIMS**

Victims' ages range from 25 - 75

25 Male victims; 9 Female victims

5 African American victims; 29 Caucasian victims (1 hispanic victim)

## **TRENDS**

At least **382** victims have died from heroin/fentanyl/analog or in combination through October in 2018. This compares to 463 through October of 2017 and 410 in 2016. 2018 total is at least **512** fatalities when including cocaine as well.

**Carfentanil: 56 FATAL CASES in 2016; 191 in 2017; 24 confirmed fatal cases in 2018 as of 11/1/18**

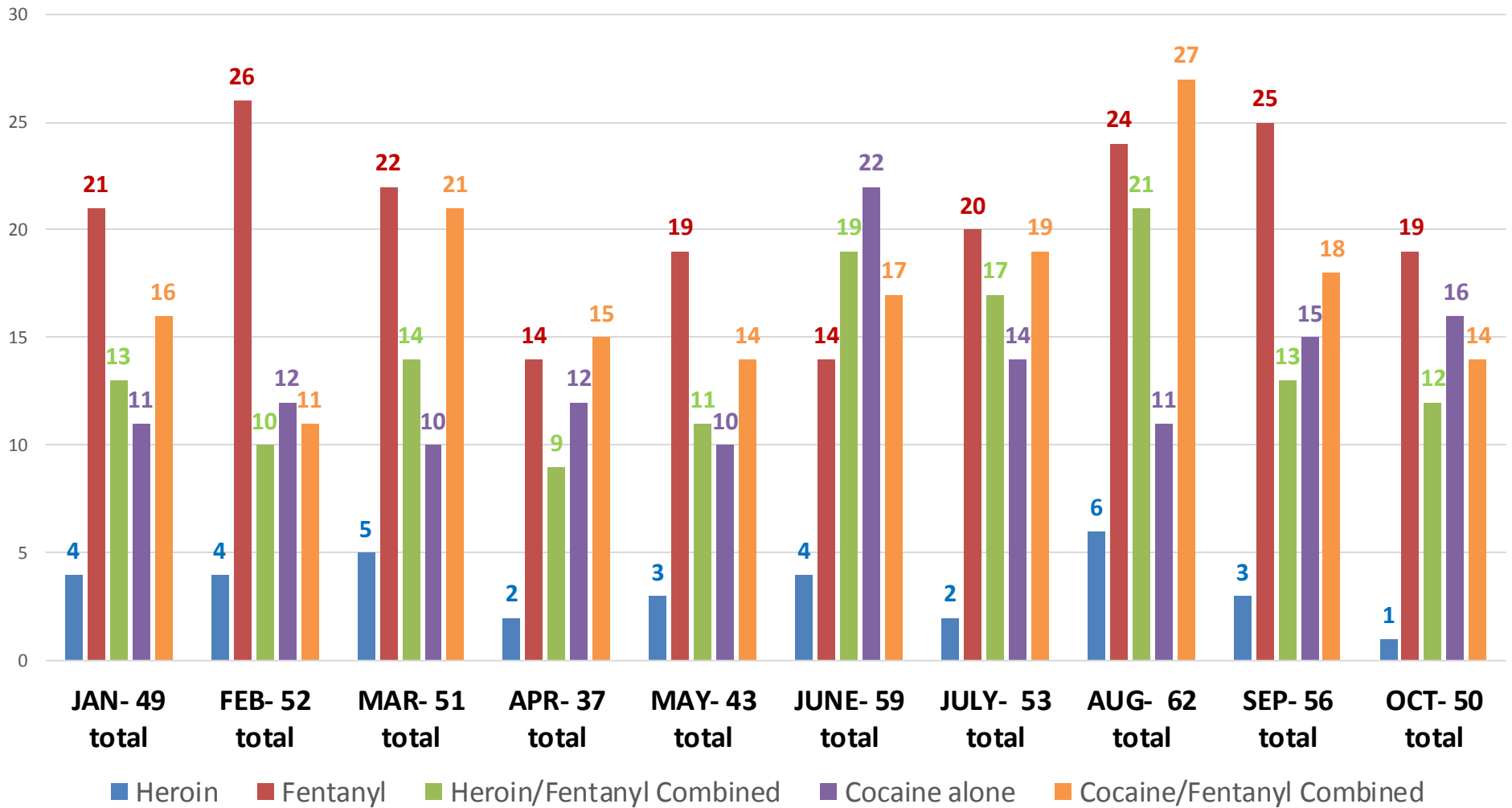
Rate of African American deaths involving fentanyl is 19.1% of all victims so far in 2018, a rate above 2016 (14.5%), and below the 20+% in 2017. At least 30 cocaine related deaths occurred in October 2018 (at least 305 for 2018), with at least 14 being mixed with Fentanyl, Heroin or both (at least 172 for 2018).

*Source: Cuyahoga County Medical  
Examiner's Office revised 11-4-18*



## 2018 CCMEO Overdose Deaths, Most Common Drugs Involved

Combined is heroin and fentanyl in some combination (Fentanyl analogues will be counted under Fentanyl Columns).



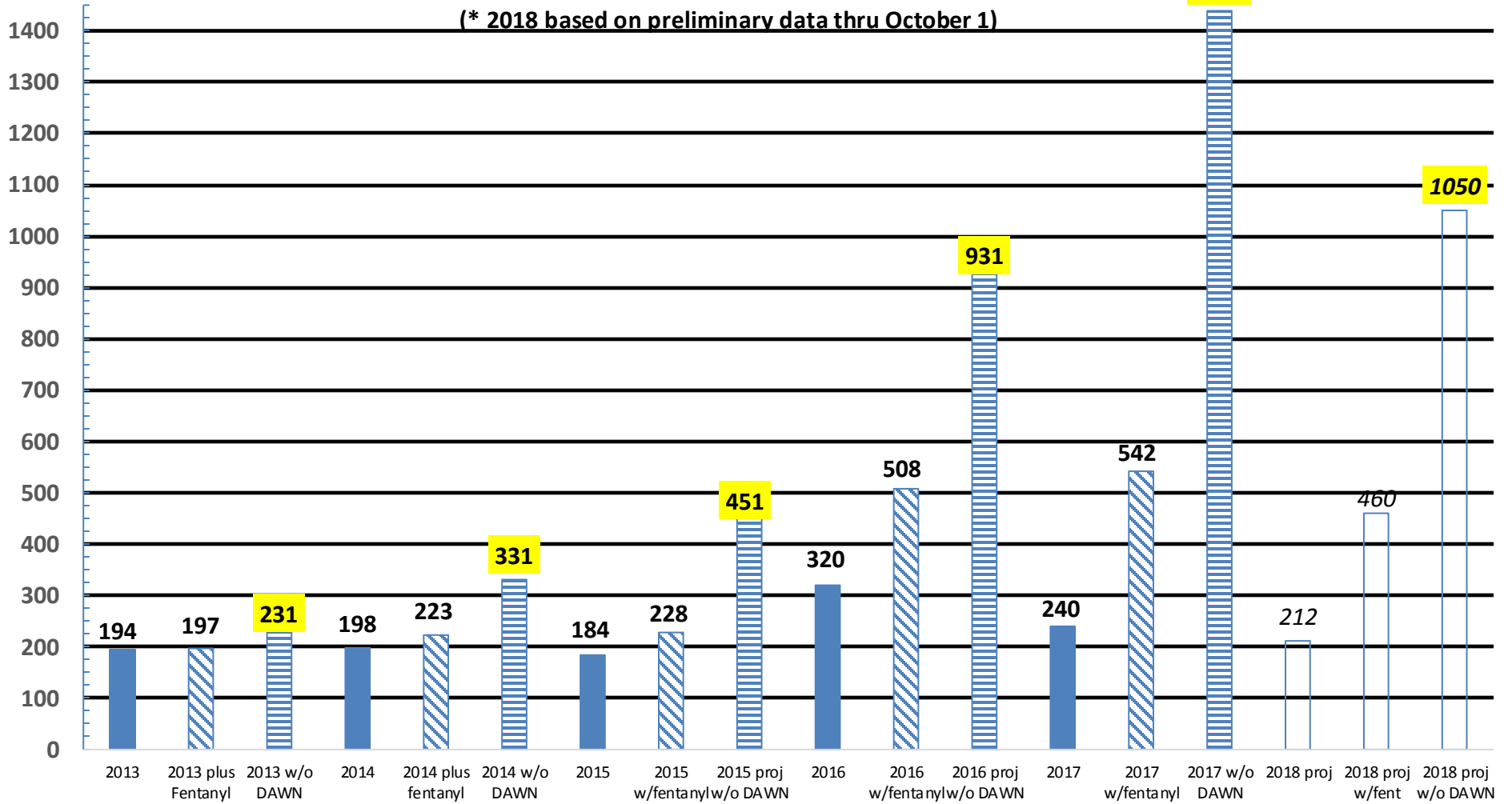
Source: Cuyahoga County Medical Examiner's Office revised 11-4-18



# Cuyahoga County Heroin/Fentanyl Related Overdose Deaths 2013-2018\*

## Projected deaths with DAWN Saves as overdose Deaths

(\* 2018 based on preliminary data thru October 1)

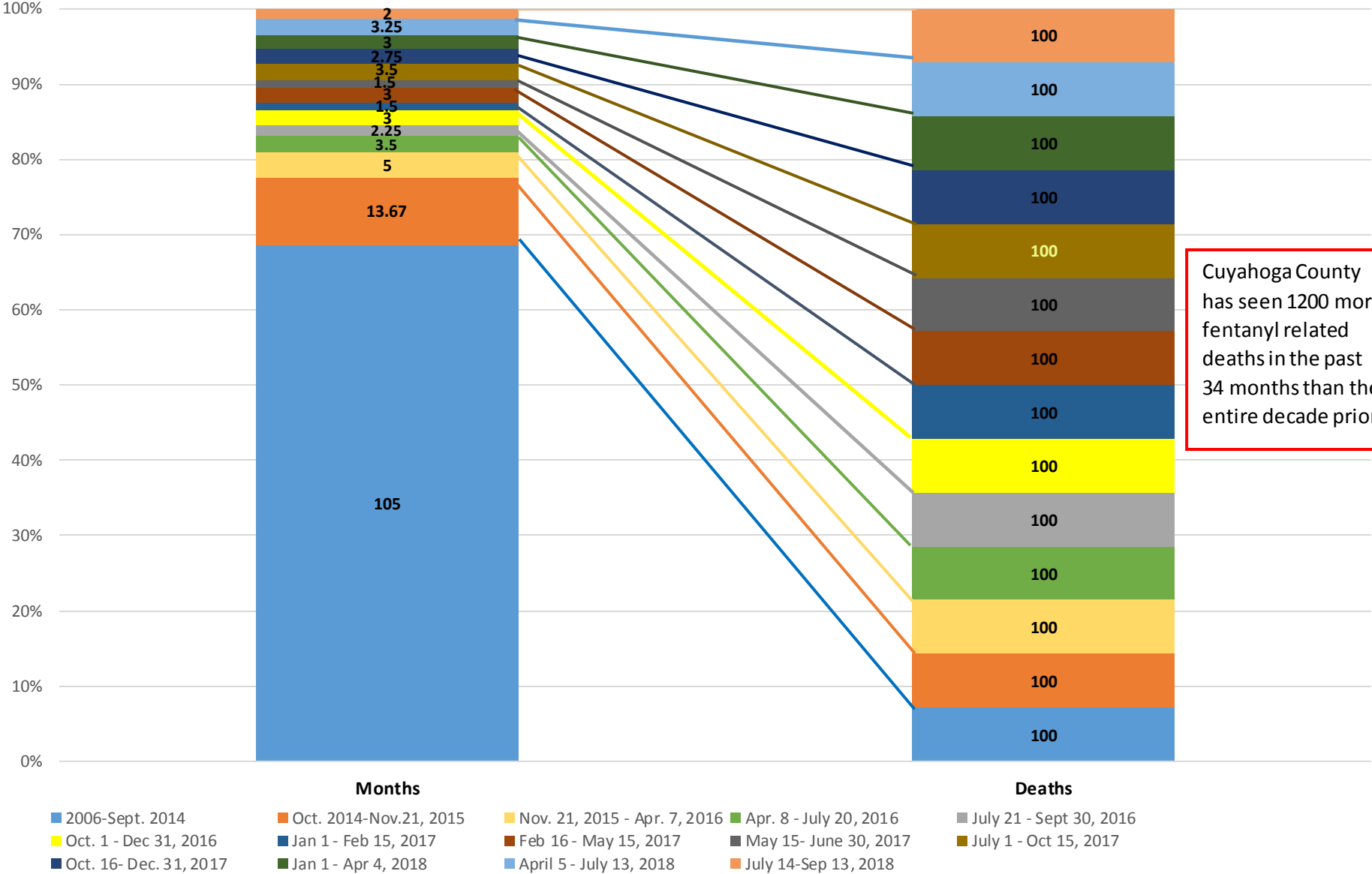


Source: Cuyahoga County Medical Examiner's Office revised 10-4-18

DAWN includes all documented naloxone saves through DAWN including police reversals. Does not include EMS administrations:  
 (1,903 doses in 2015, 5,156 in 2016 and 7,745 dose administrations in 2017).



### Cuyahoga County Fentanyl Deaths 2006-2018



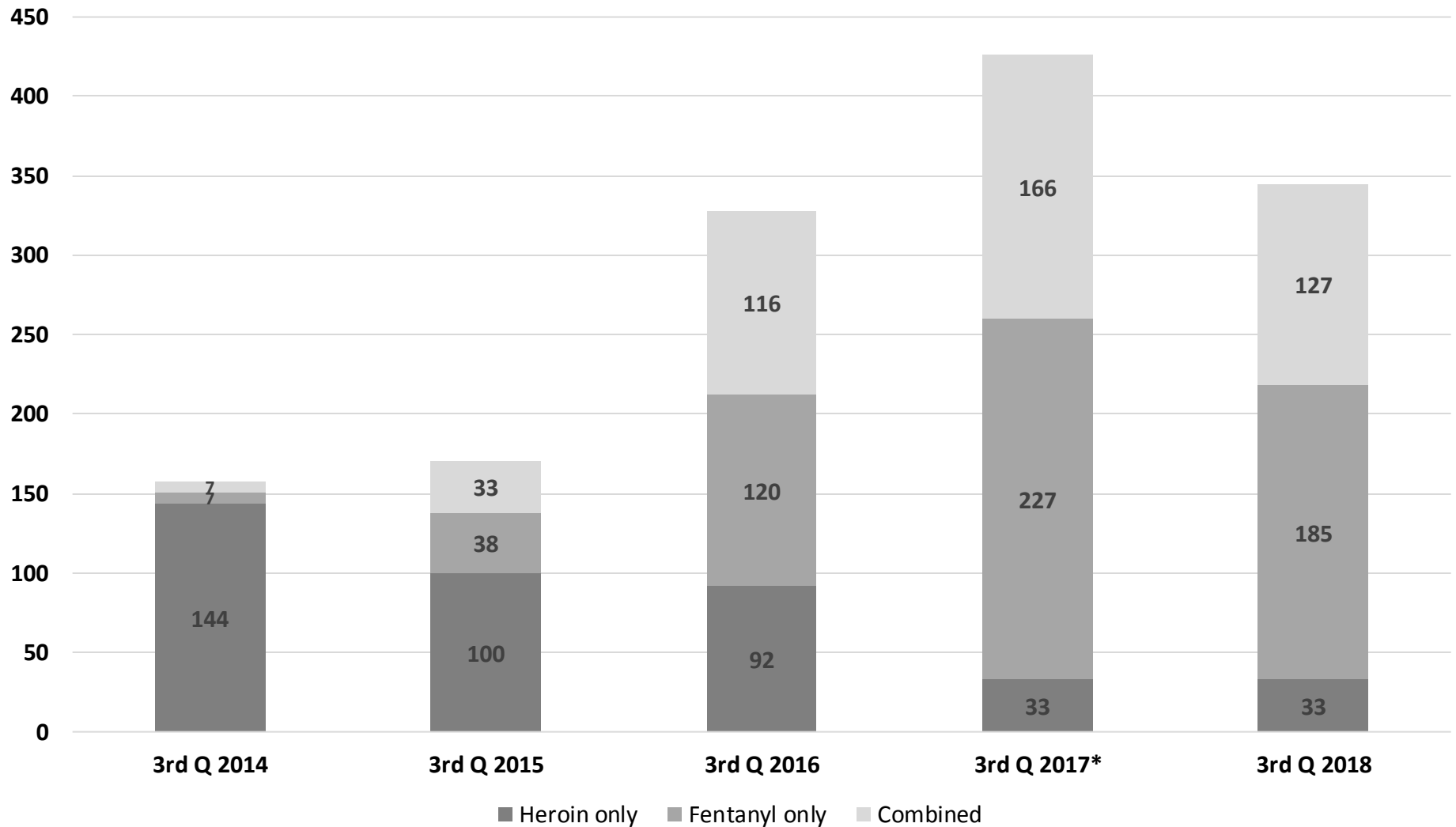
Cuyahoga County has seen 1200 more fentanyl related deaths in the past 34 months than the entire decade prior.

Source: Cuyahoga County Medical Examiner's Office revised 11-4-18



# CCMEO Heroin, Fentanyl and Heroin/Fentanyl Combination Deaths

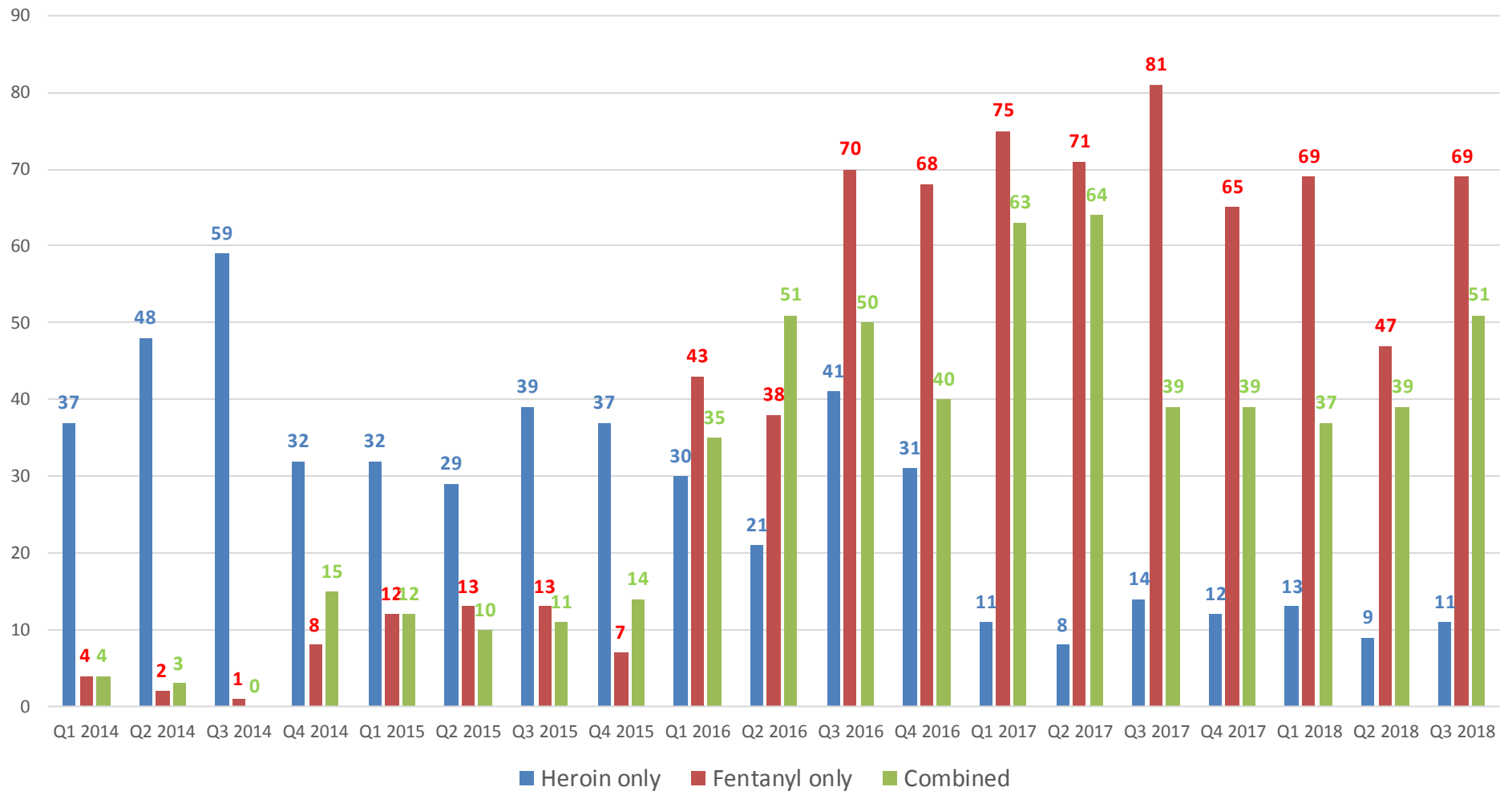
(\* through Oct. 1, 2018)



Source: Cuyahoga County Medical Examiner's Office revised 10-4-18



# CCMEO Quarterly Heroin/Fentanyl/Combined Deaths 2014-2018\* (\*2018 suspected cases as of 10-1-18)



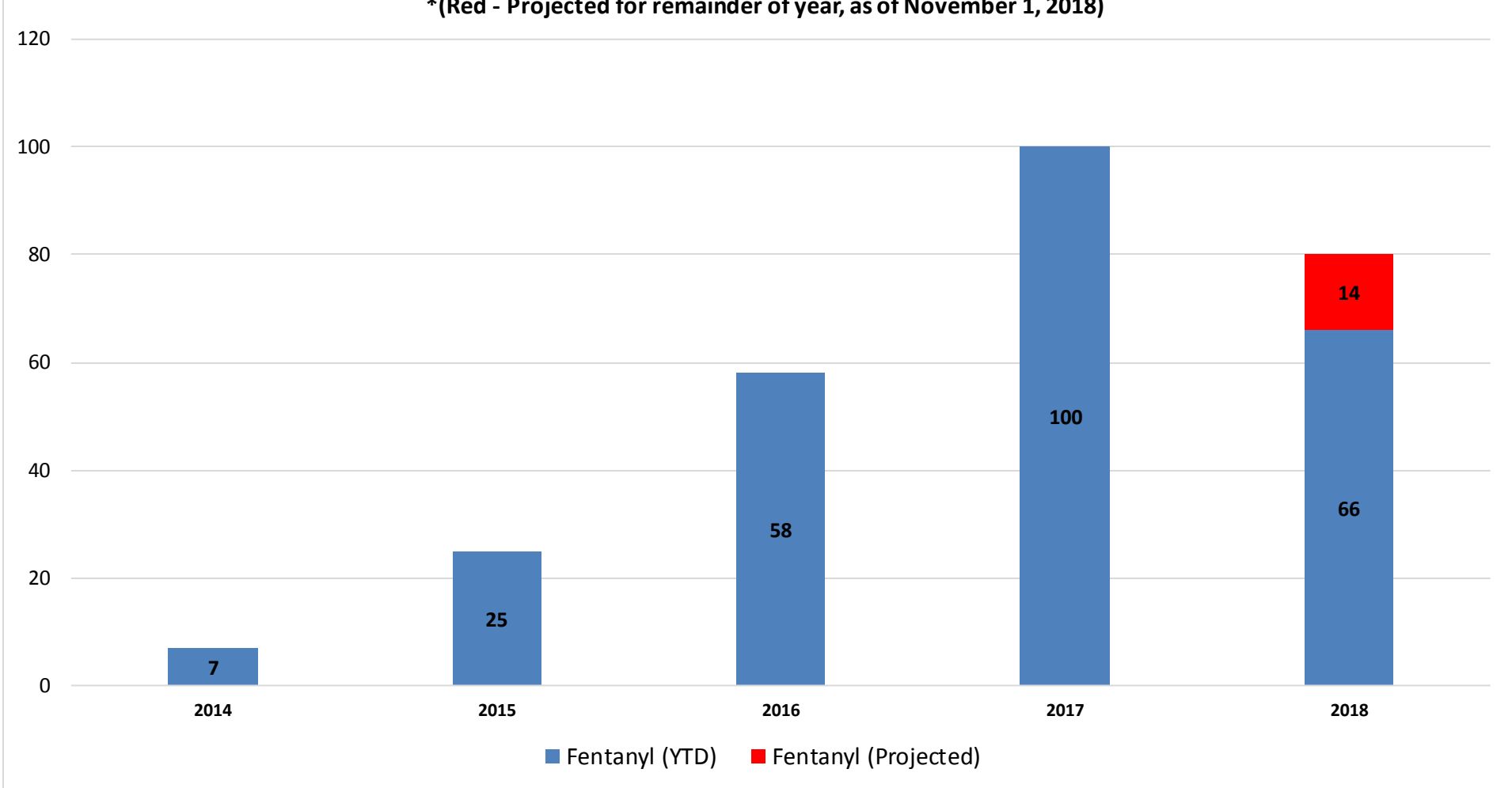
Source: Cuyahoga County Medical Examiner's Office revised 10-1-18





# CCMEO Fentanyl-related fatalities among African Americans 2014-2018\*

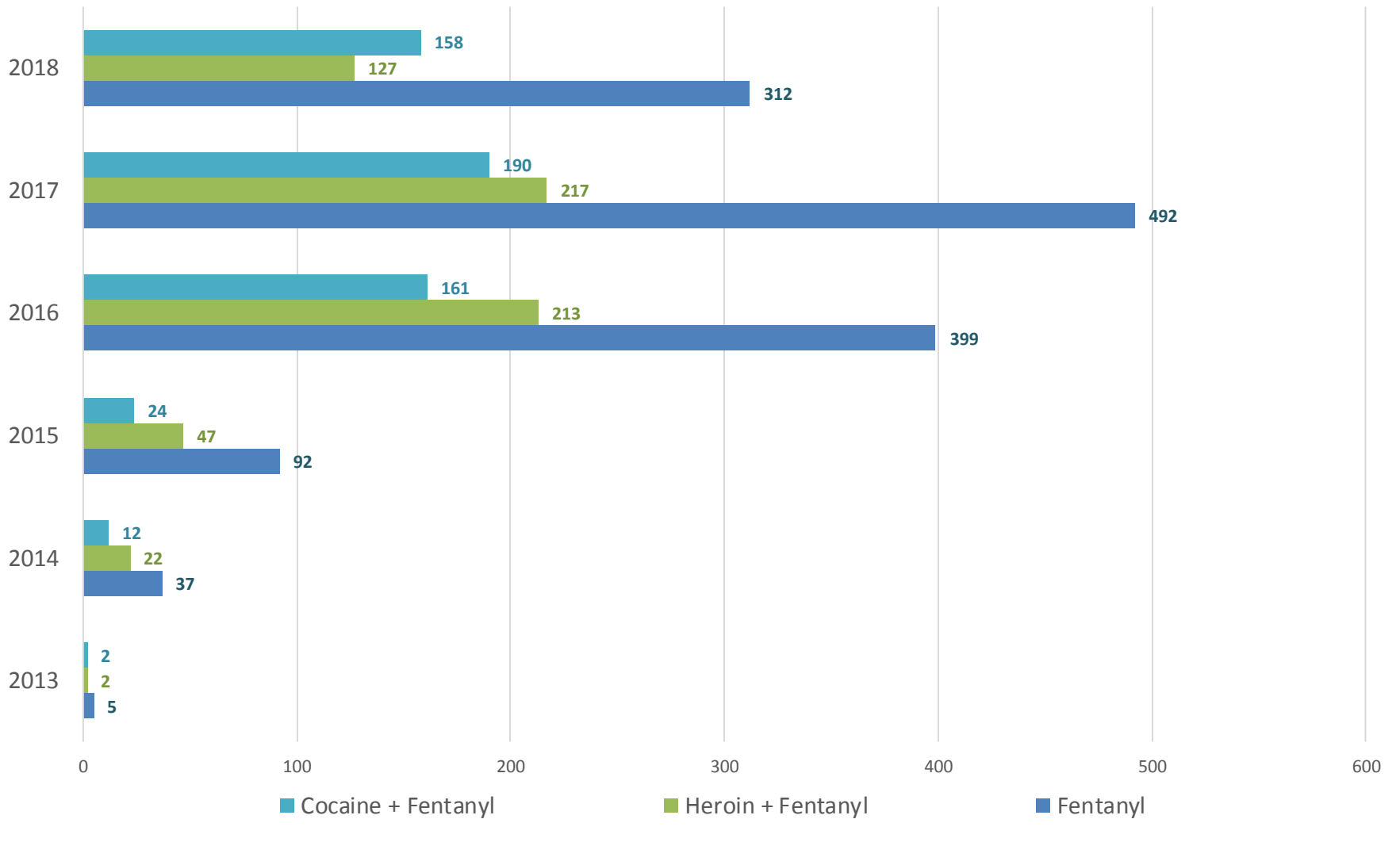
\*(Red - Projected for remainder of year, as of November 1, 2018)



Source: Cuyahoga County Medical Examiner's Office revised 11-4-18



**CCMEO, Proliferation of Fentanyl and Cocaine/Fentanyl mixtures in fatalities  
2013-2018\* (\* thru November 1, 2018)**



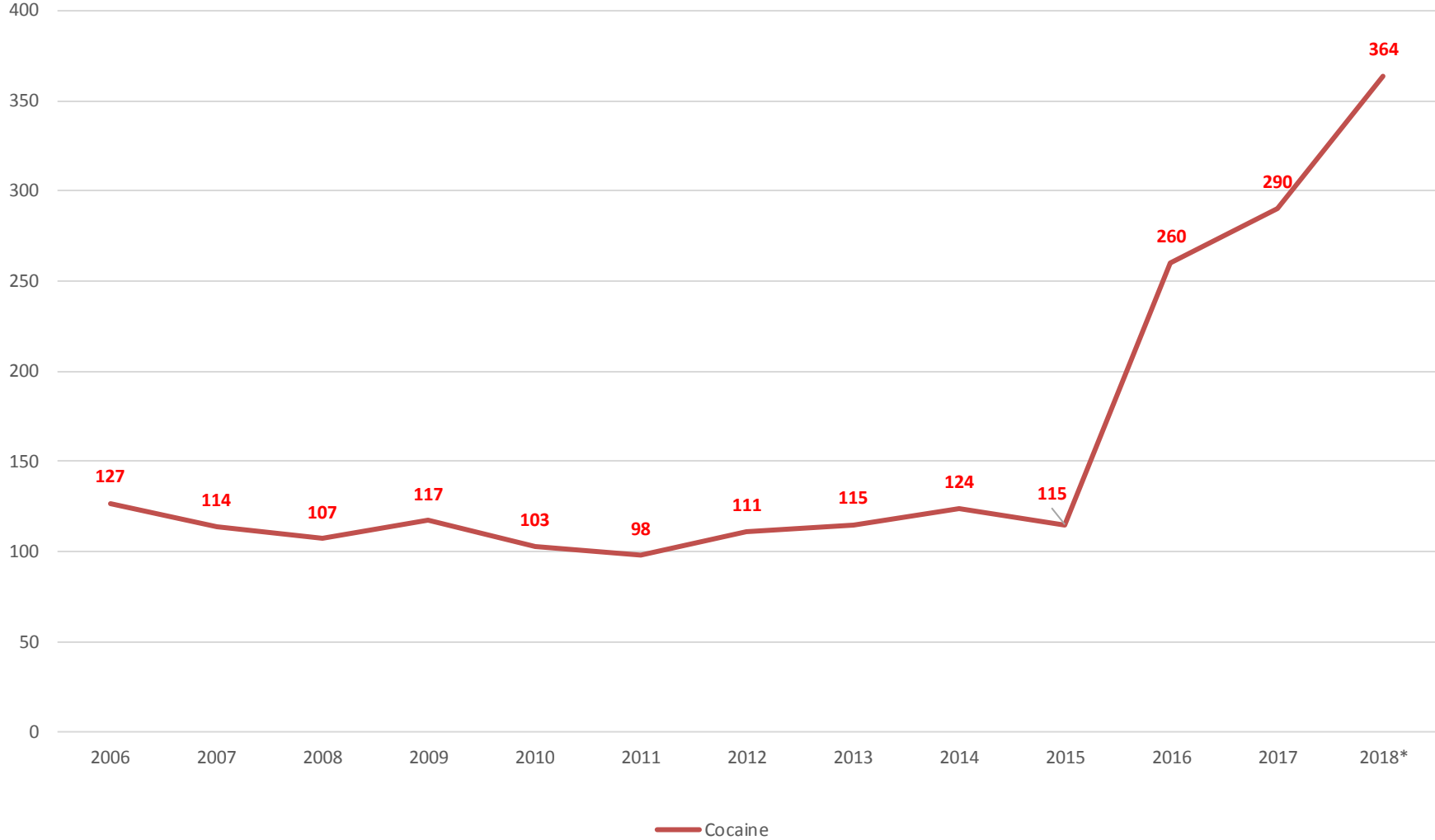
Source: Cuyahoga County Medical Examiner's Office revised 11-1-18



# CCMEO Overdose Deaths involving Cocaine 2006-2018

## The Explosion of Cocaine

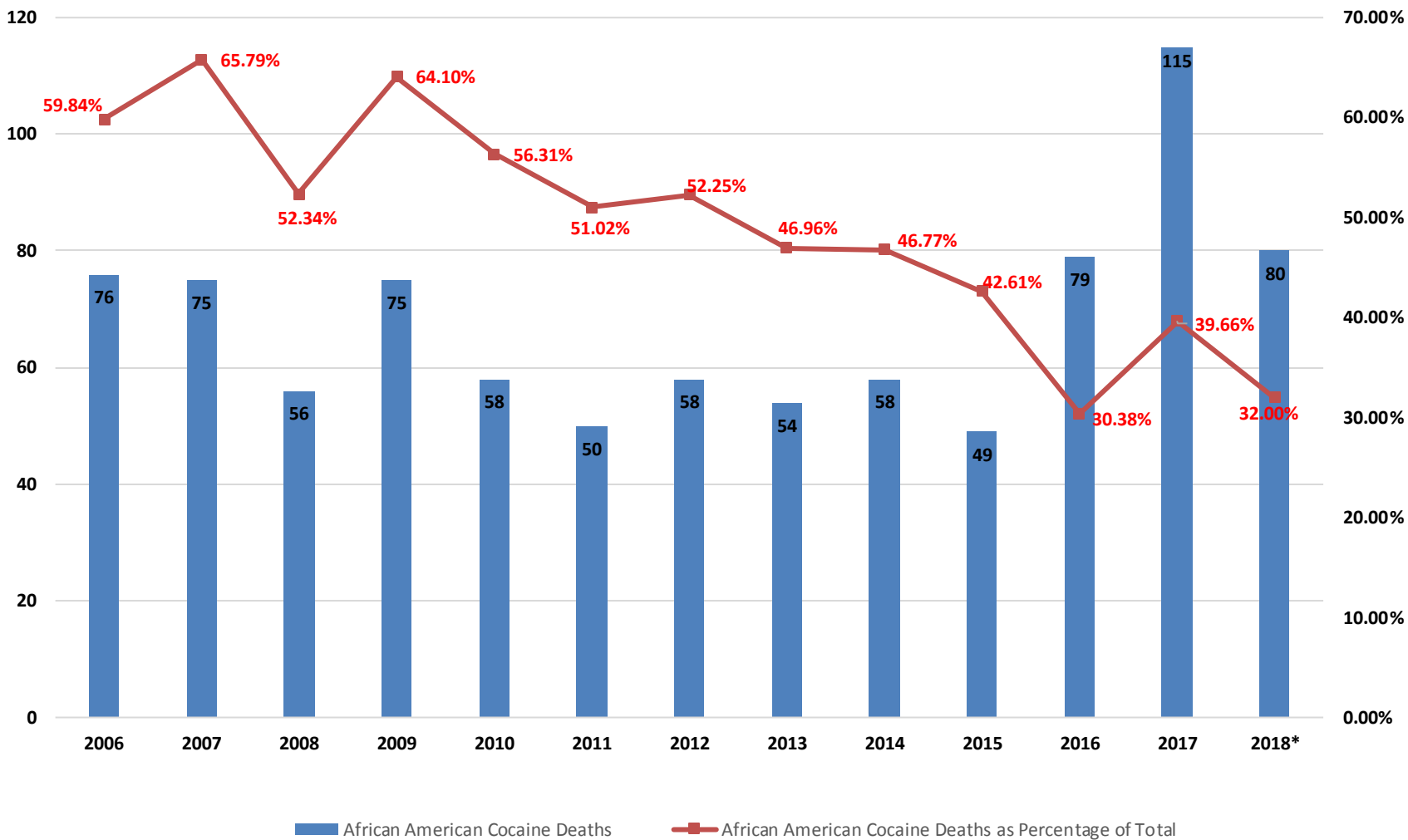
(\*2018 projected based on tested cases through October 1)



Source: Cuyahoga County Medical Examiner's Office revised 11-1-18



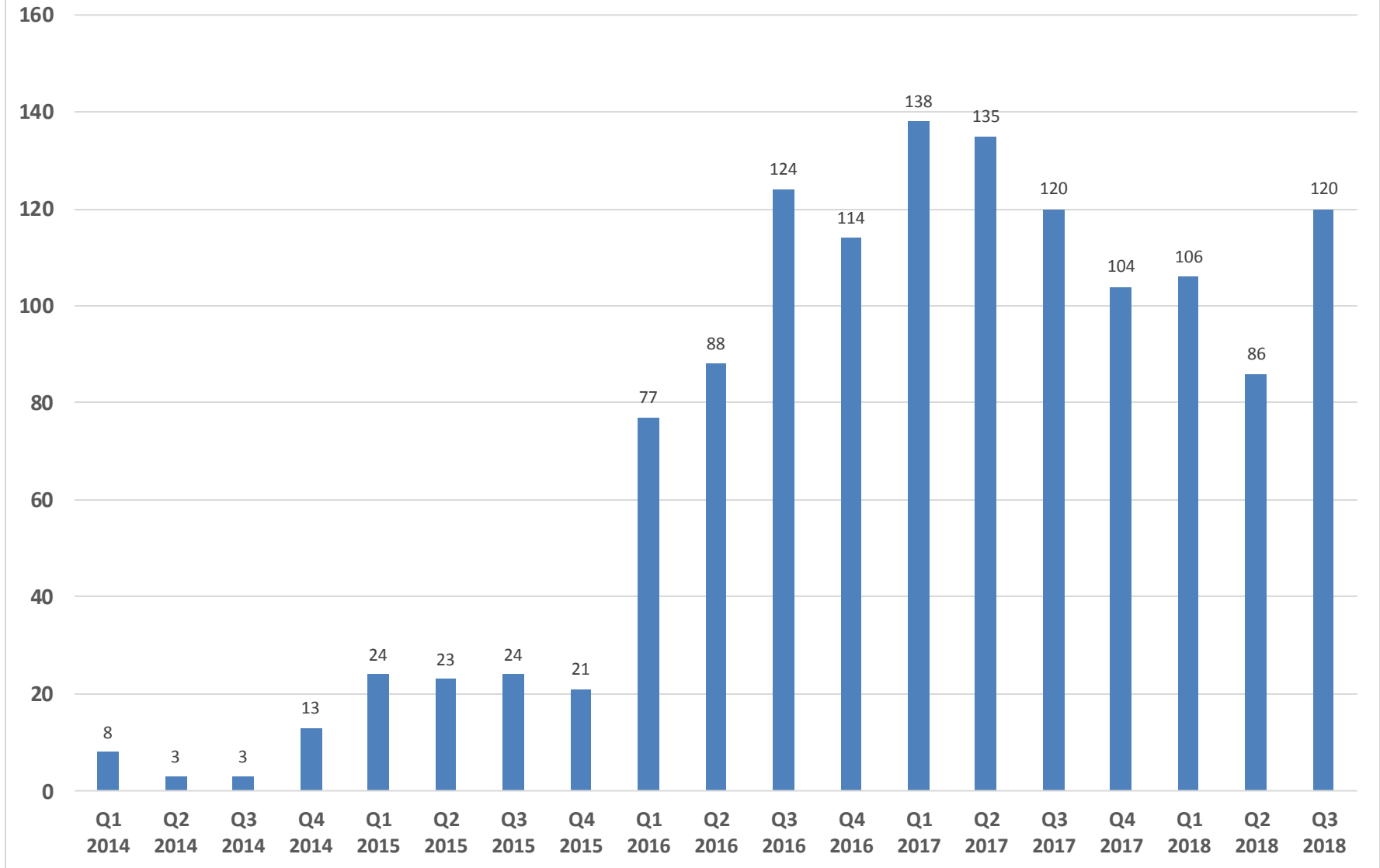
**CCMEO Cocaine related Overdose Deaths 2006-2018\***  
**Demographic Shift in Cocaine Deaths**  
 (Includes cocaine/fentanyl mixed cases) \*2018 projected from 3rd Quarter data



Source: Cuyahoga County Medical Examiner's Office revised 11-1-18



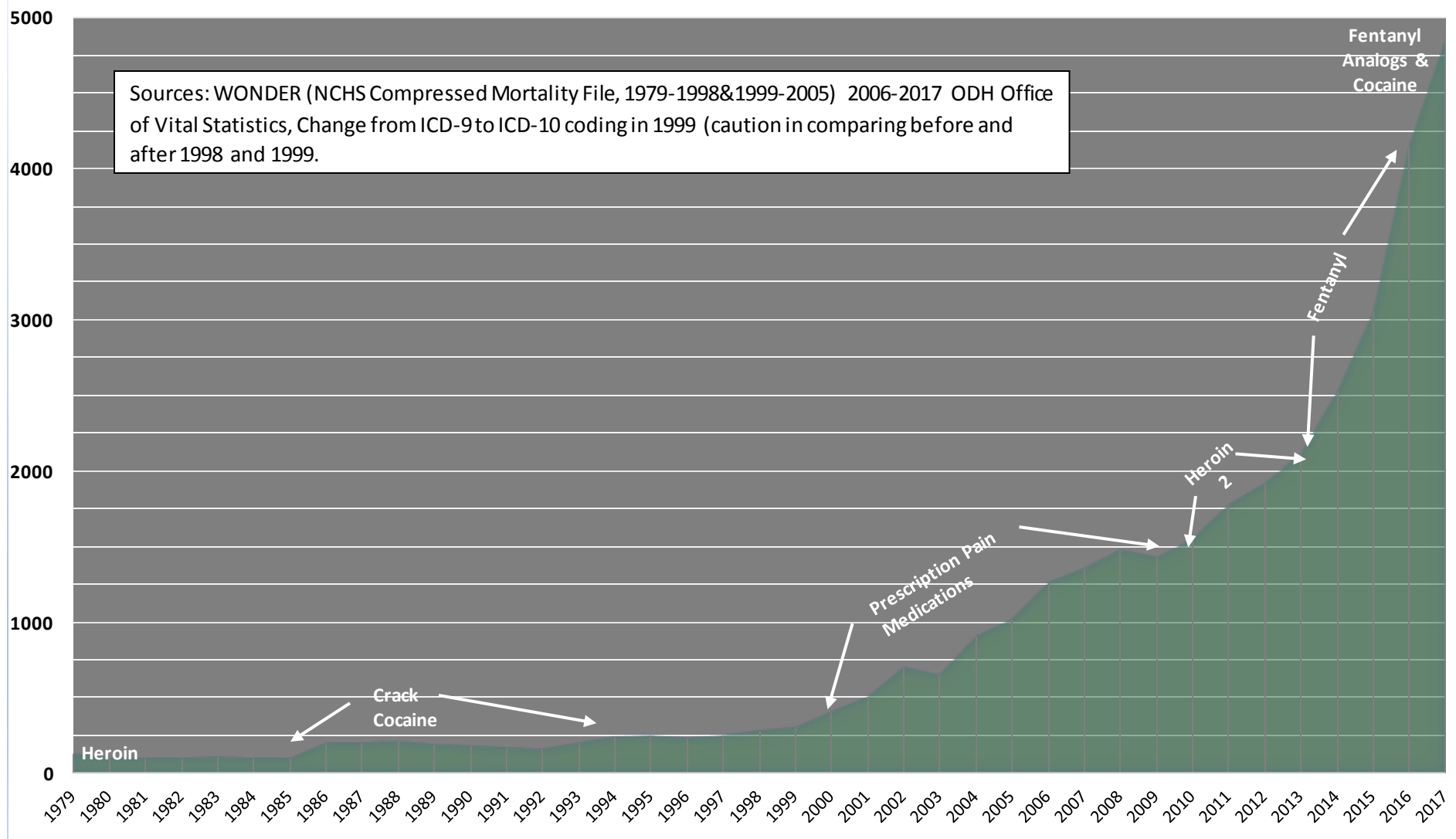
## Fentanyl-related Overdose Deaths by Quarter, Jan 2014 - Sept 2018



Source: Cuyahoga County Medical Examiner's Office revised 10-1-18



# EPIDEMICS OF UNINTENTIONAL DRUG OVERDOSE DEATHS IN OHIO 1979 - 2017



Source: Cuyahoga County Medical Examiner's Office revised 10-4-18

