



**Thomas P. Gilson, M.D.**

11001 Cedar Avenue, Cleveland, Ohio 44106

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**CUYAHOGA COUNTY**

**MEDICAL EXAMINER'S OFFICE**

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

**2018 REVISED NOVEMBER UPDATE**

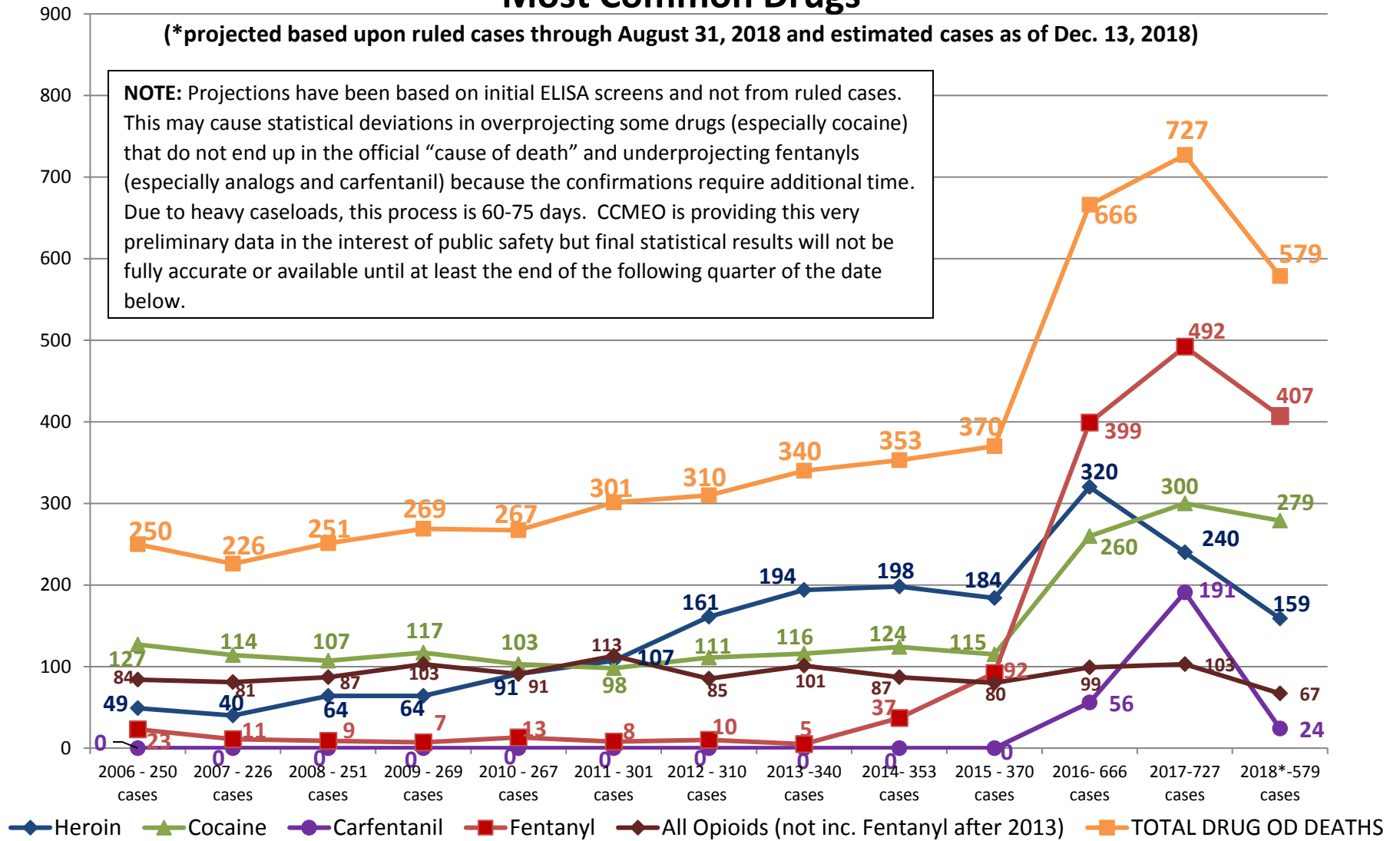
**December 13, 2018**

# Cuyahoga County Overdose Deaths 2006-2018\*

## Most Common Drugs

(\*projected based upon ruled cases through August 31, 2018 and estimated cases as of Dec. 13, 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 12-13-18



## **CURRENT PUBLIC HEALTH EMERGENCY – At least 6 fatalities since Dec. 1**

**Fatal Cases due to heroin/fentanyl/analogs in NOVEMBER– at least 48 (39 cases pending testing)**

28 - City of Cleveland Residents

15 - Suburban Residents- Beachwood, Bedford, Brook Park, East Cleveland, Euclid (3), Garfield Heights (4), Lakewood (2), Parma (2), Parma Hts. (3), Solon, Strongsville and University Hts., and,

4 - Out of County– Akron (Summit), Eastlake, Mentor (Lake), Medina (Medina) and 1 - Unknown

### **VICTIMS**

Victims' ages range from 23 - 74

31 Male victims; 17 Female victims

14 African American victims; 34 Caucasian victims (3 hispanic victims)

### **TRENDS**

At least **466** victims have died from heroin/fentanyl/analog or in combination through November in 2018. This compares to 495 through November of 2017 and 456 in 2016. 2018 total is at least **568** fatalities when including cocaine as well.

**Carfentanil: 56 FATAL CASES in 2016; 191 in 2017; 24 confirmed fatal cases in 2018 as of 12/13/18**

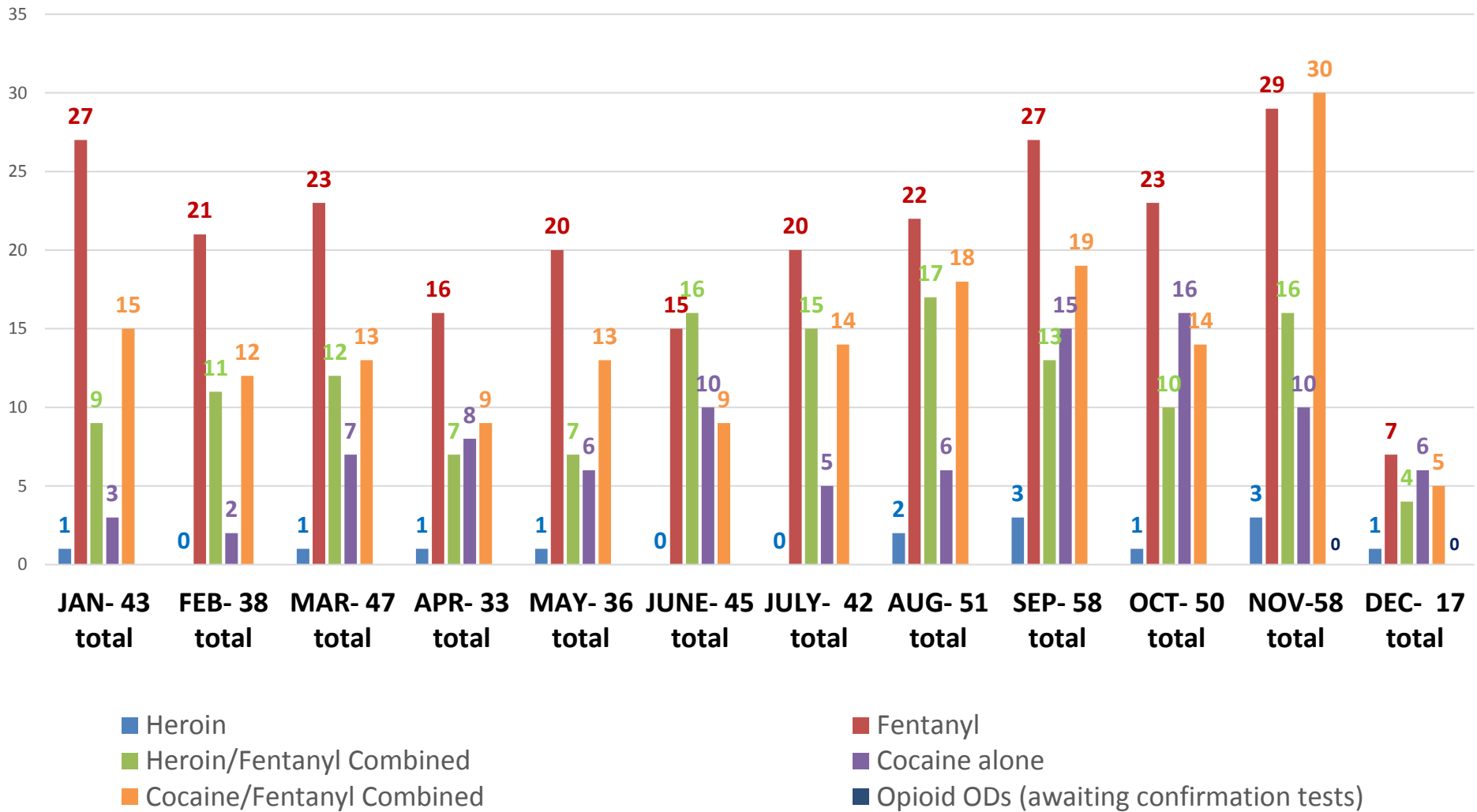
Rate of African American deaths involving fentanyl is 20.00% of all victims so far in 2018, a rate above 2016 (14.5%), and essentially at same level as the 20.33% in 2017. At least 35 cocaine related deaths occurred in November 2018 (at least 340 for 2018), with at least 26 being mixed with Fentanyl, Heroin or both (at least 198 for 2018).

*Source: Cuyahoga County Medical  
Examiner's Office revised 12-13-18*



# 2018 CCMEO Overdose Deaths, Most Common Drugs Involved

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

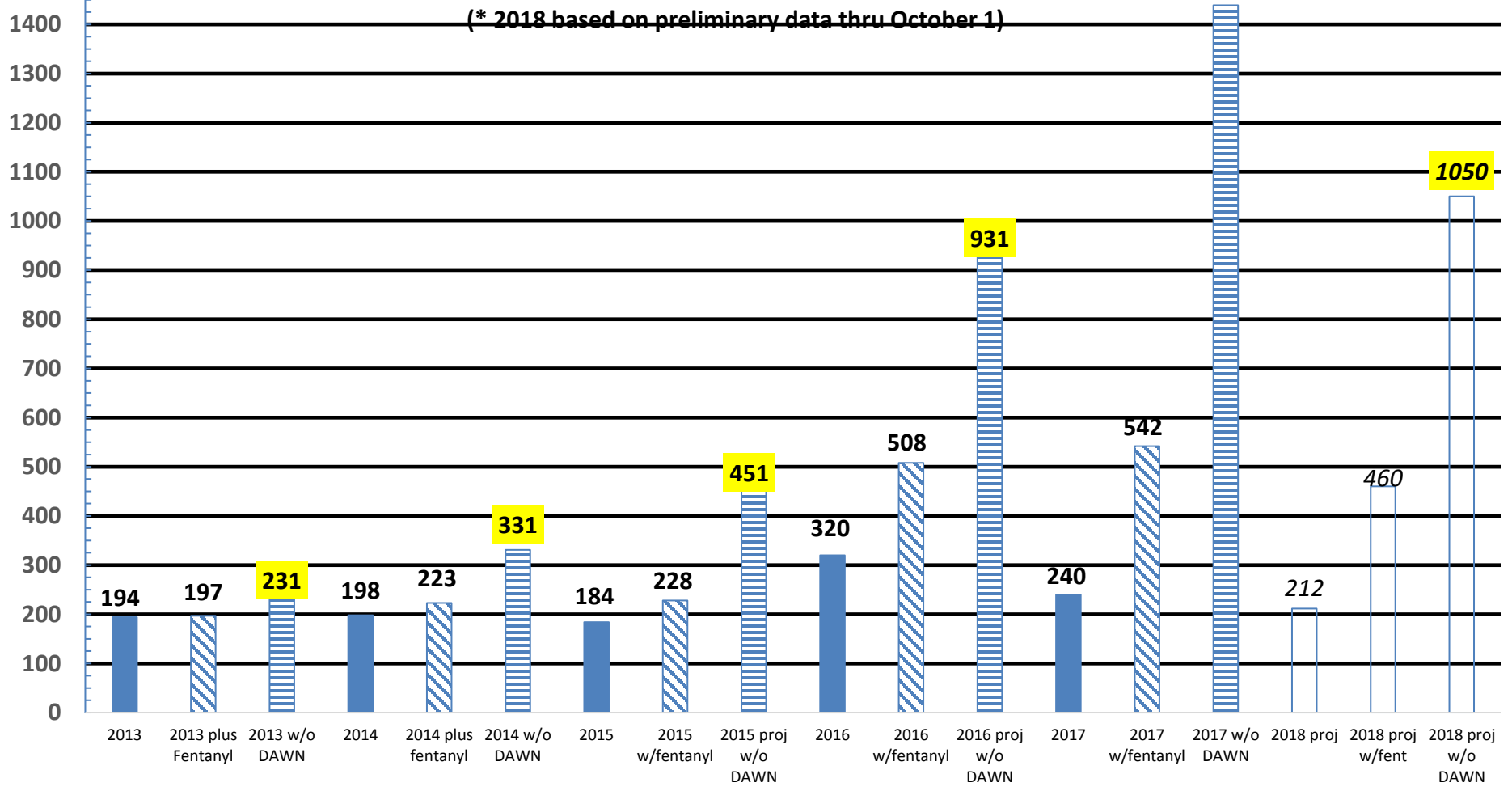


Source: Cuyahoga County Medical Examiner's Office revised 12-13-18



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

## Projected deaths with DAWN Saves as overdose Deaths 1439



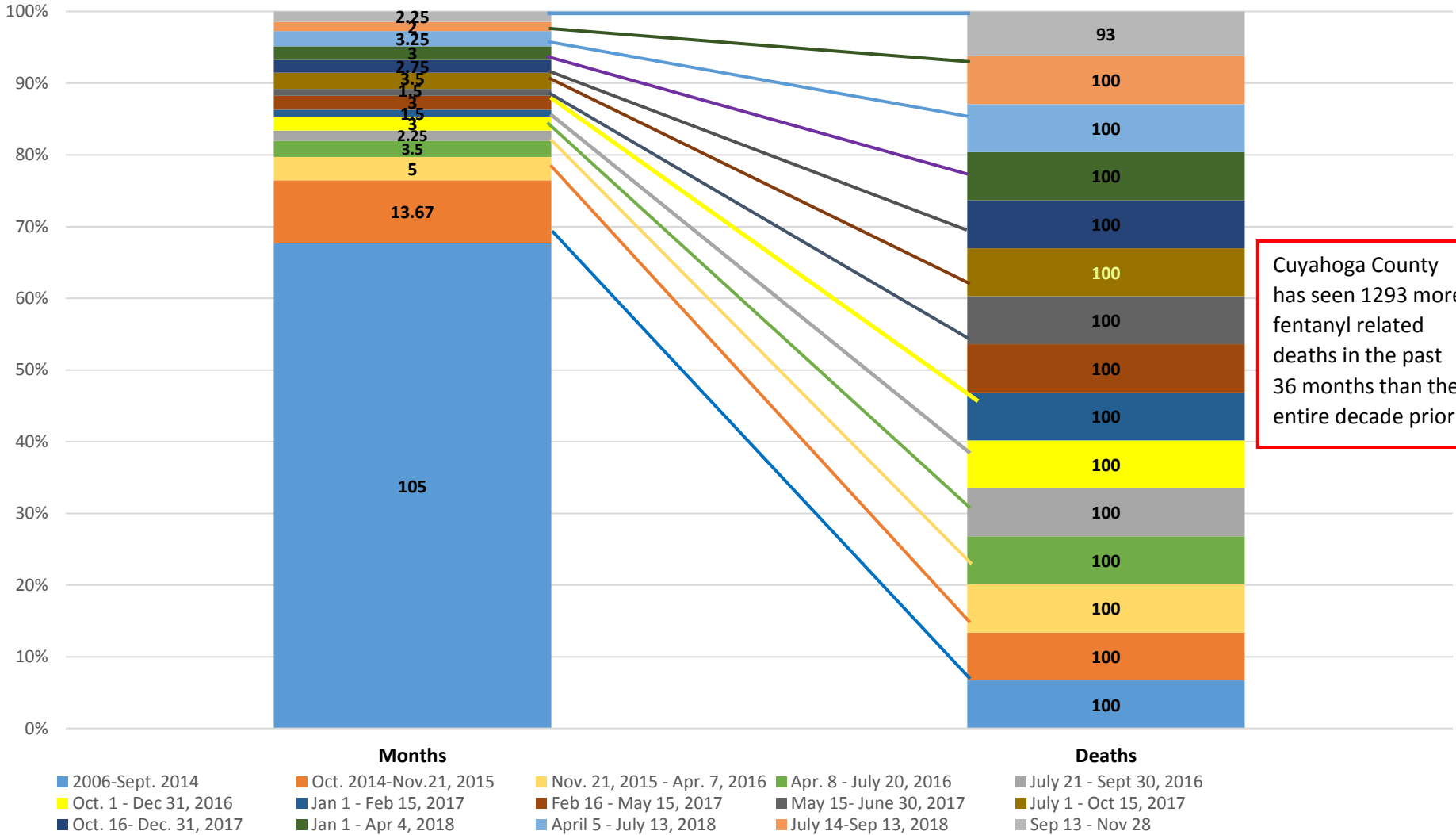
Source: Cuyahoga County Medical Examiner's Office revised 10-4-18

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

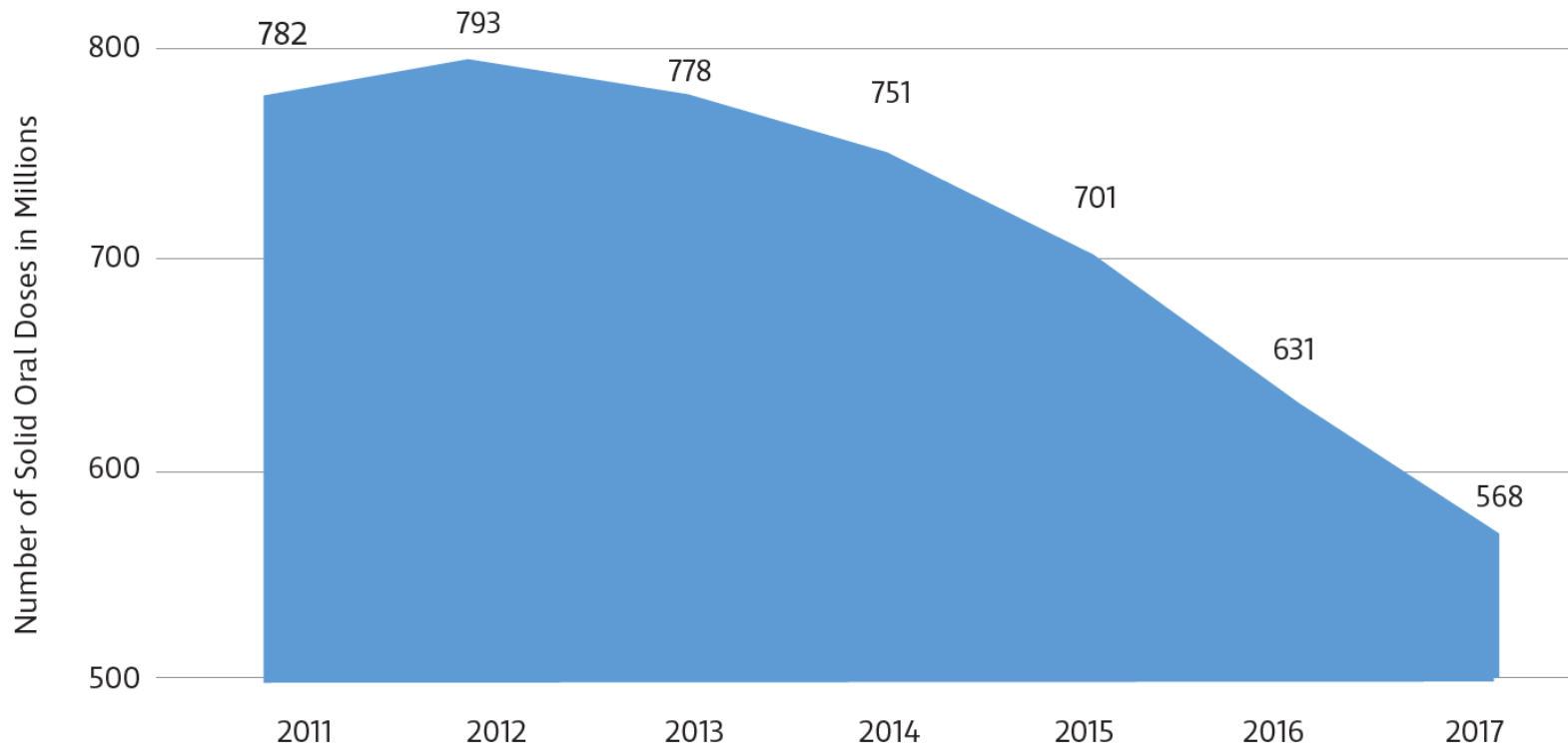


Cuyahoga County has seen 1293 more fentanyl related deaths in the past 36 months than the entire decade prior.

Source: Cuyahoga County Medical Examiner's Office revised 12-1-18

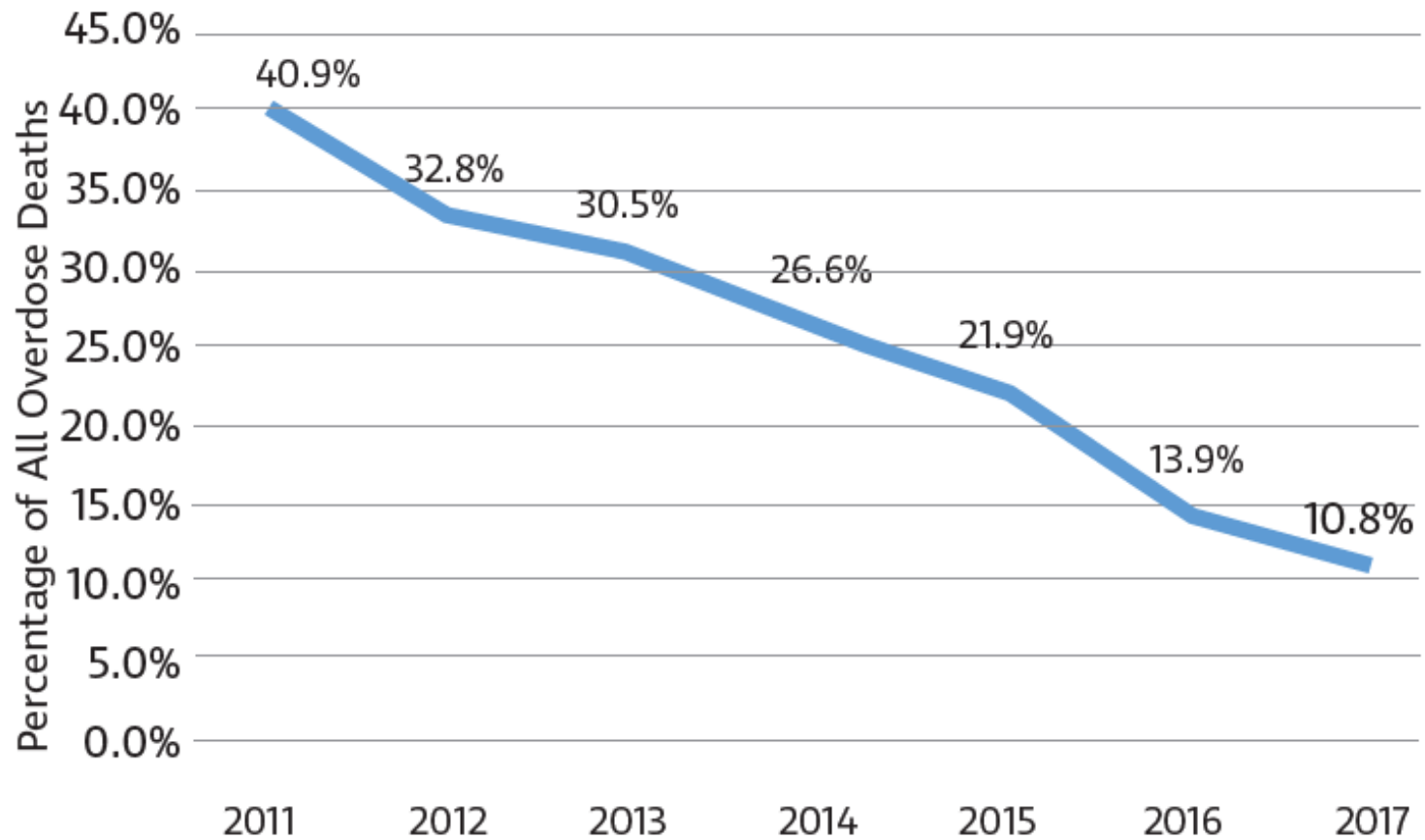


Figure 4. Number of Opioid Solid Doses Dispensed to Ohio Patients, by Year, Ohio, 2011-2017



Source: State of Ohio Board of Pharmacy, Ohio Automated Rx Reporting System.

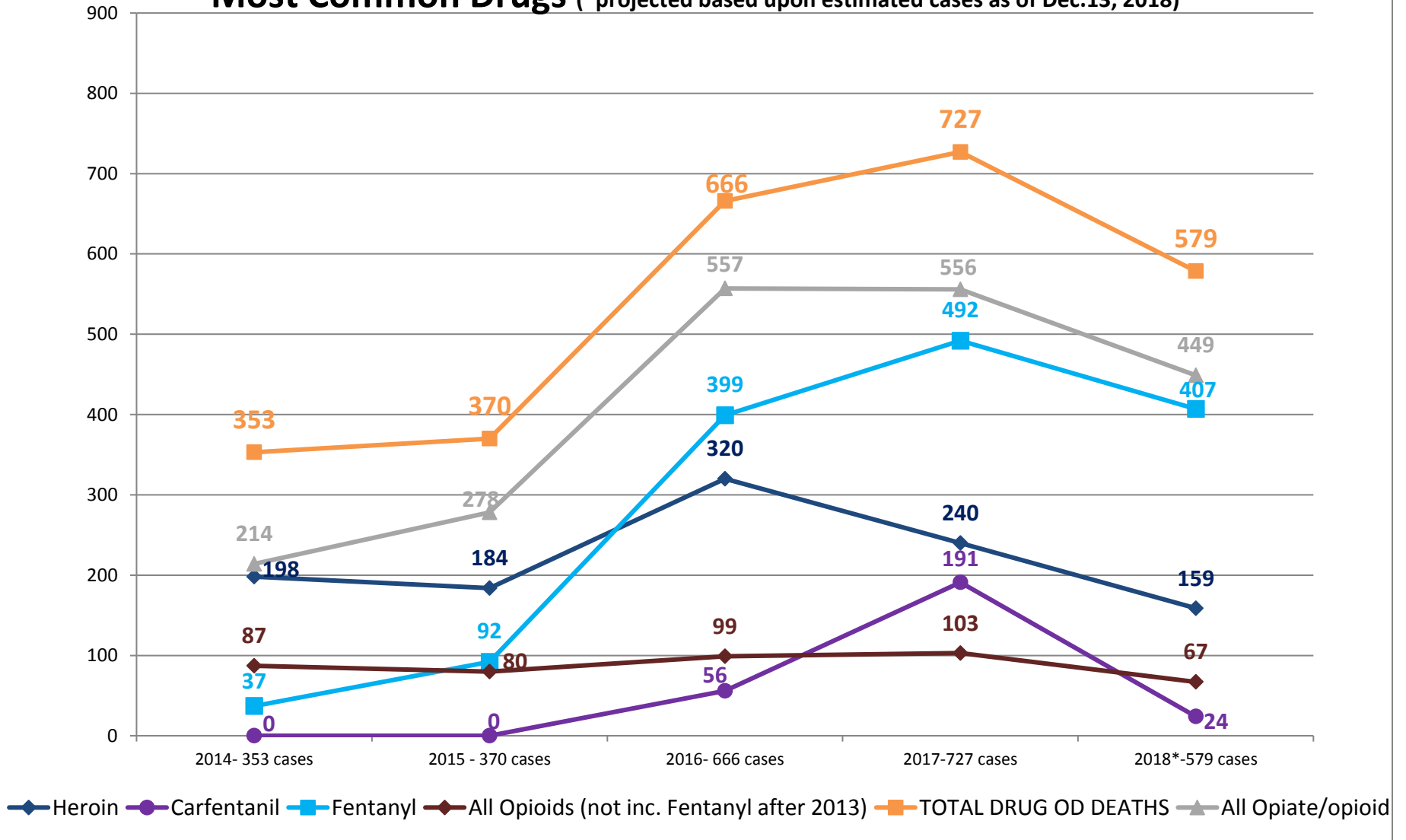
Figure 2. Percentage of Unintentional Drug Overdose Deaths Involving Prescription Opioids, 2011-2017





# Cuyahoga County Overdose Deaths 2006-2018\*

## Most Common Drugs (\*projected based upon estimated cases as of Dec.13, 2018)

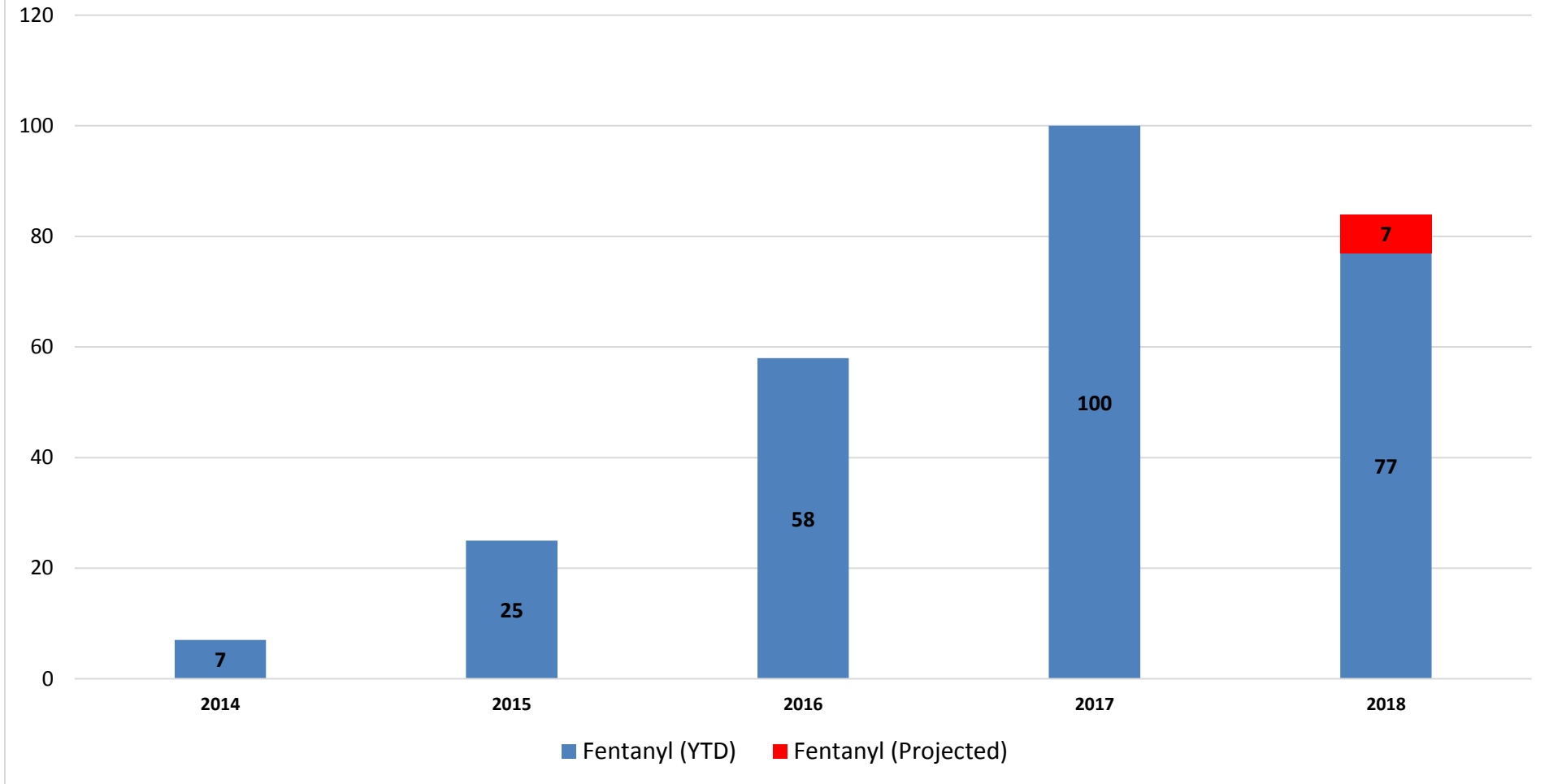


Source: Cuyahoga County Medical Examiner's Office revised 12-13-18



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

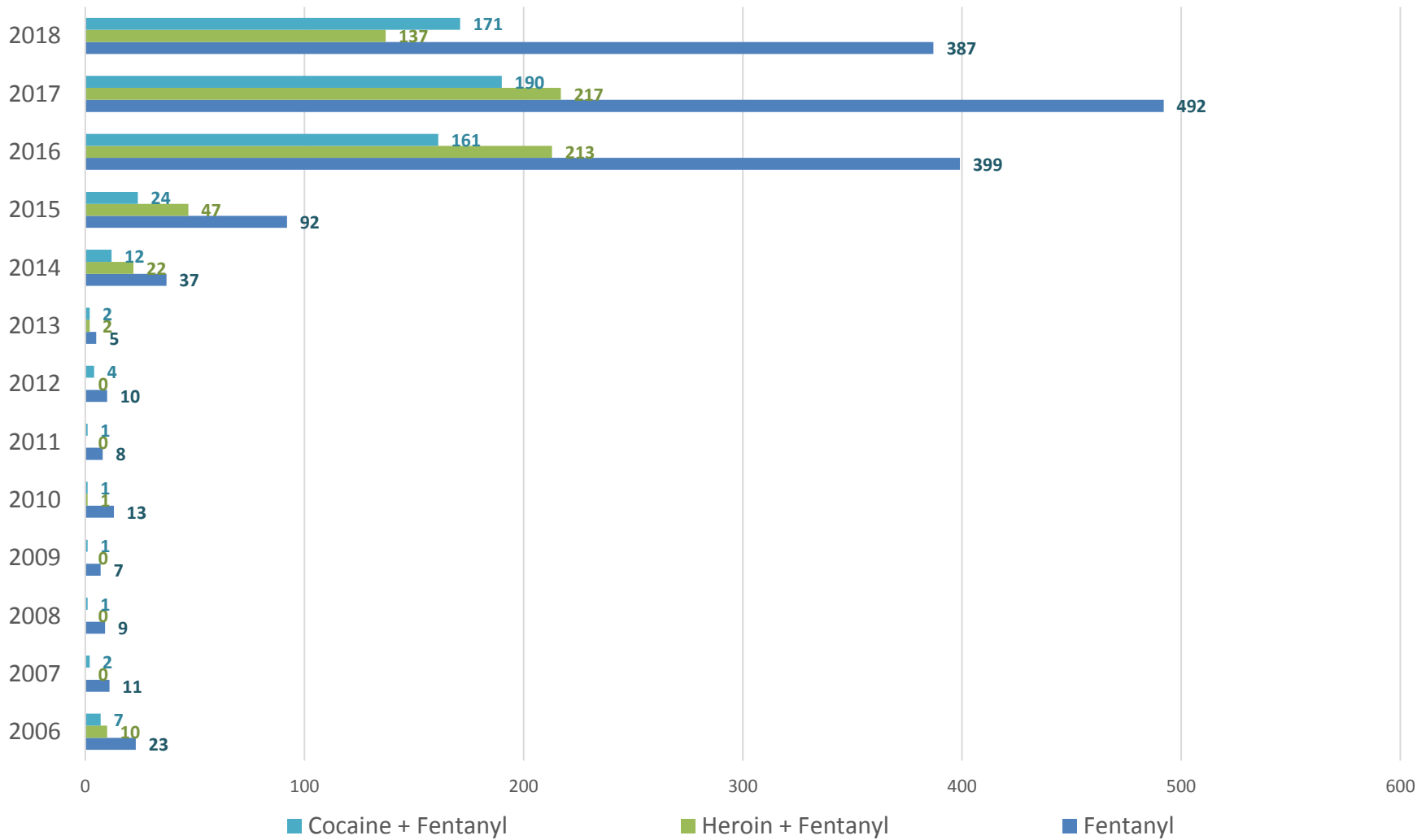
\*(Red - Projected for remainder of year, as of December 1, 2018)



Source: Cuyahoga County Medical Examiner's Office revised 12-13-18



### CCMEO, Proliferation of Fentanyl and Cocaine/Fentanyl mixtures in fatalities 2013-2018\* (\* thru December 13, 2018)



Source: Cuyahoga County Medical Examiner's Office revised 12-13-18



## CCMEO Overdose Deaths involving Cocaine 2006-2018

### The Explosion of Cocaine

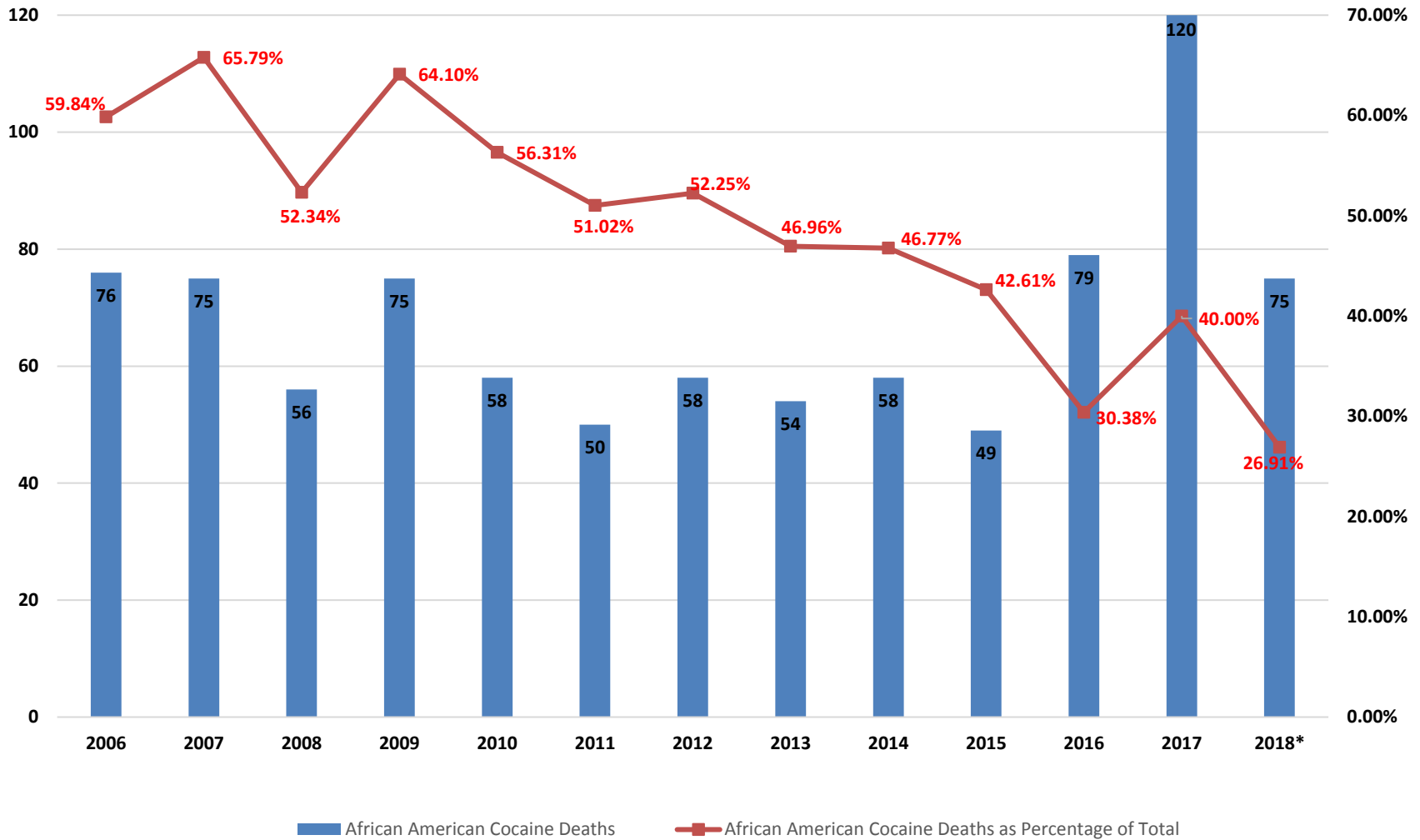
(\*2018 projected based on tested cases through December 13, 2018)



Source: Cuyahoga County Medical Examiner's Office revised 12-13-18



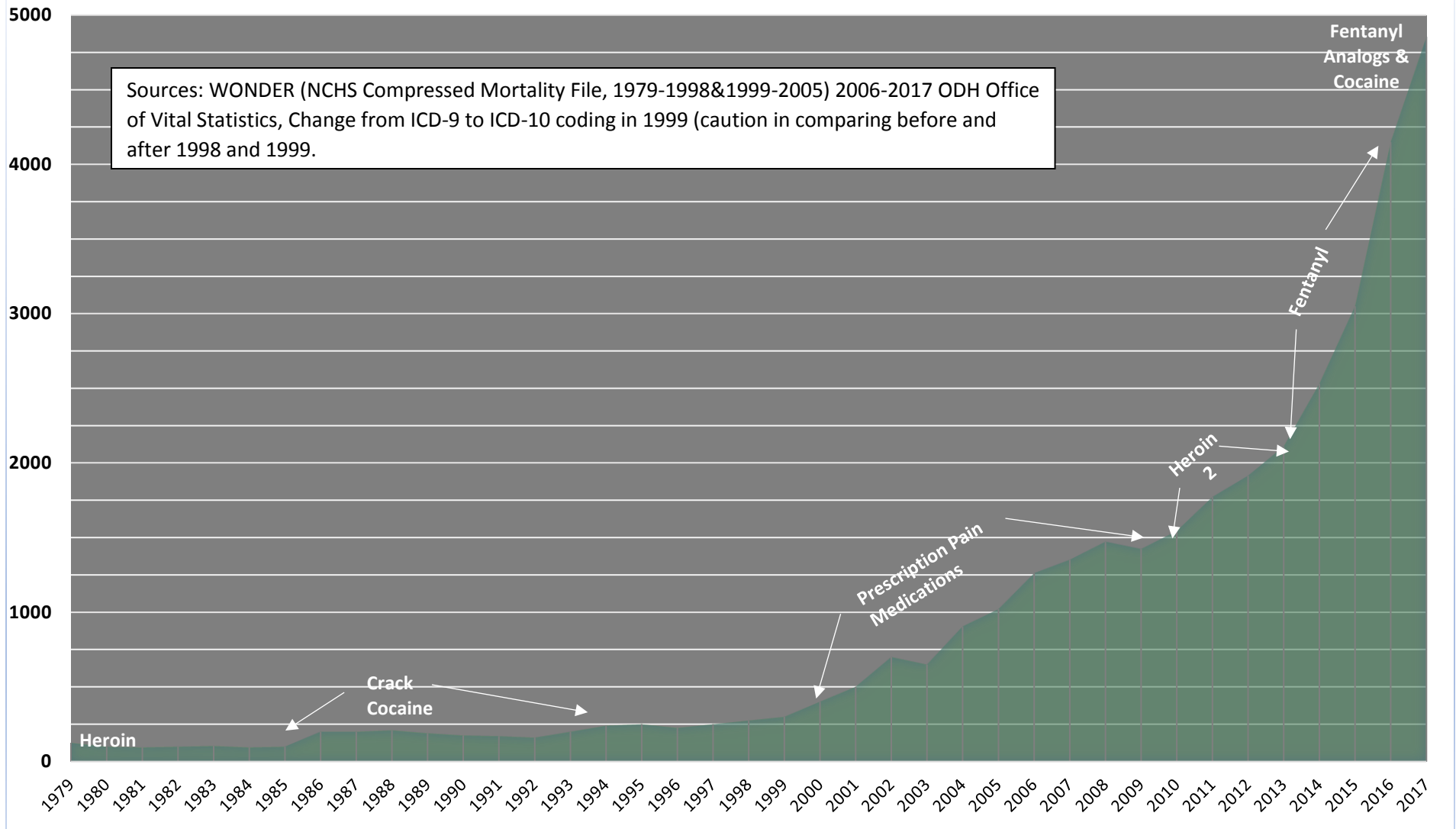
**CCMEO Cocaine related Overdose Deaths 2006-2018\***  
**Demographic Shift in Cocaine Deaths**  
 (Includes cocaine/fentanyl mixed cases) \*2018 projected from data thru 12/13



Source: Cuyahoga County Medical Examiner's Office revised 12-13-18



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



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

