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CUYAHOGA COUNTY

MEDICAL EXAMINER'S OFFICE

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

2019 FEBRUARY UPDATE

March 6, 2019

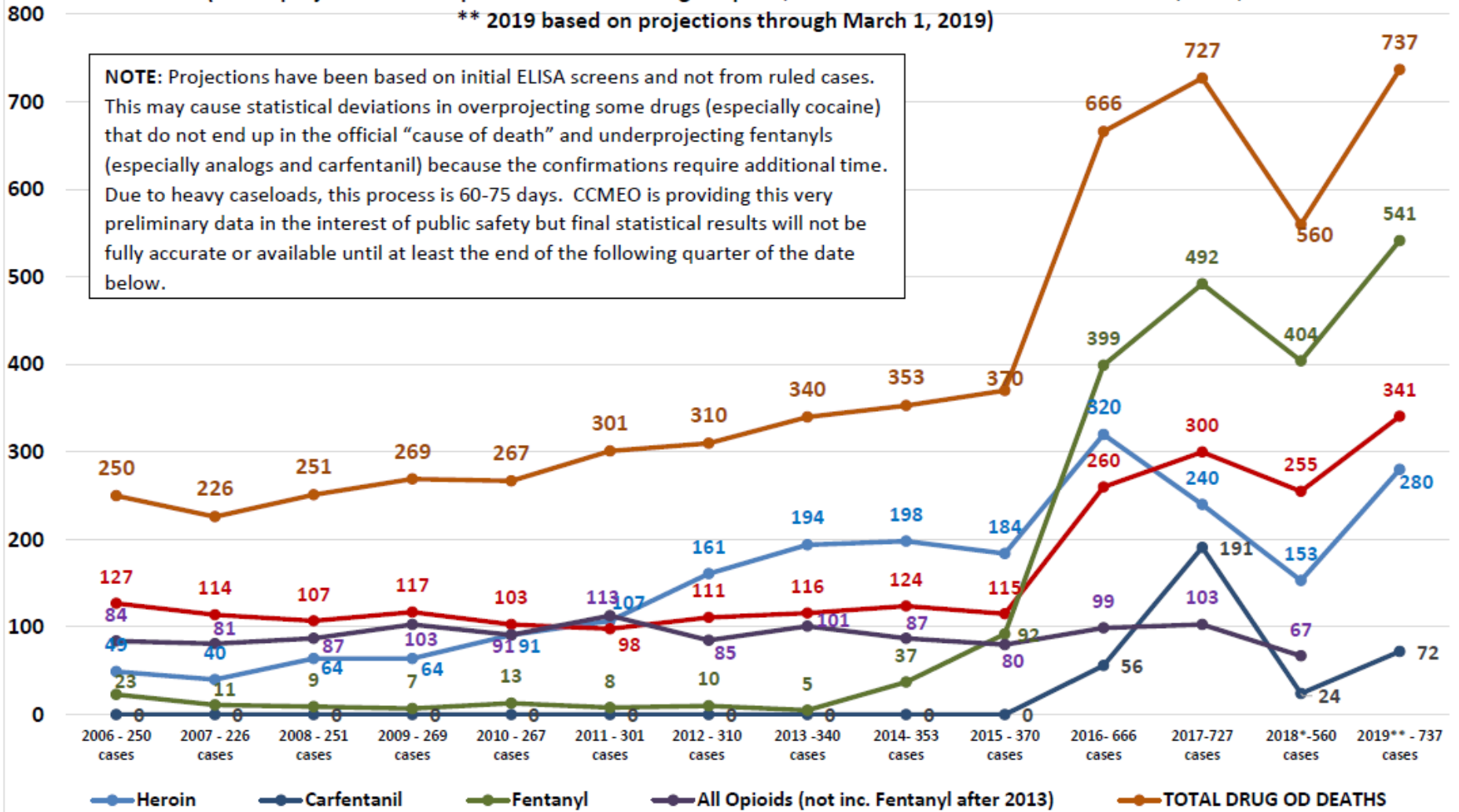
Cuyahoga County Overdose Deaths 2006-2019**

Most Common Drugs

(*2018 projected based upon ruled cases through Sept 30,2018 and estimated cases as of Dec.31, 2018;

** 2019 based on projections through March 1, 2019)

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 fentanyl (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 3-6-19



CURRENT PUBLIC HEALTH EMERGENCY – At least 17 fatalities since Mar. 1

Fatal Cases due to heroin/fentanyl/analogs in FEBRUARY– at least 44 (30 cases pending testing)

24 - City of Cleveland Residents

19 - Suburban Residents- Bay Village, Brooklyn, East Cleveland, Euclid, Fairview Park Highland Hts., Lakewood (2), Lyndhurst, Mayfield Hts., Oakwood, Richmond Hts., Solon, South Euclid, Valley View and Westlake (2) and,

3- Out of County- Barberton (Summit),Valley City (Medina)

VICTIMS

Victims' ages range from 25 - 70

33 Male victims; 21 Female victims

10 African American victims; 1 Asian American victim; 33 Caucasian victims (3 hispanic victims)

TRENDS

At least **97** victims have died from heroin/fentanyl/analog or in combination through February 2019. This compares to 69 in 2018 and 112 in 2017. 2019 total is at least **107** fatalities when including cocaine as well.

Carfentanil: 191 FATAL CASES in 2017; 24 confirmed cases in 2018; 6 confirmed in 2019 as of 2/1/19

Rate of African American deaths involving fentanyl is 26.3% of all victims so far in 2019, a rate above 2016 (14.5%), and higher than the 20.33% in 2017 and 21.11 in 2018. As many as 24 cocaine related deaths occurred in February 2019 with as many as 18 being mixed with Fentanyl, Heroin or both.

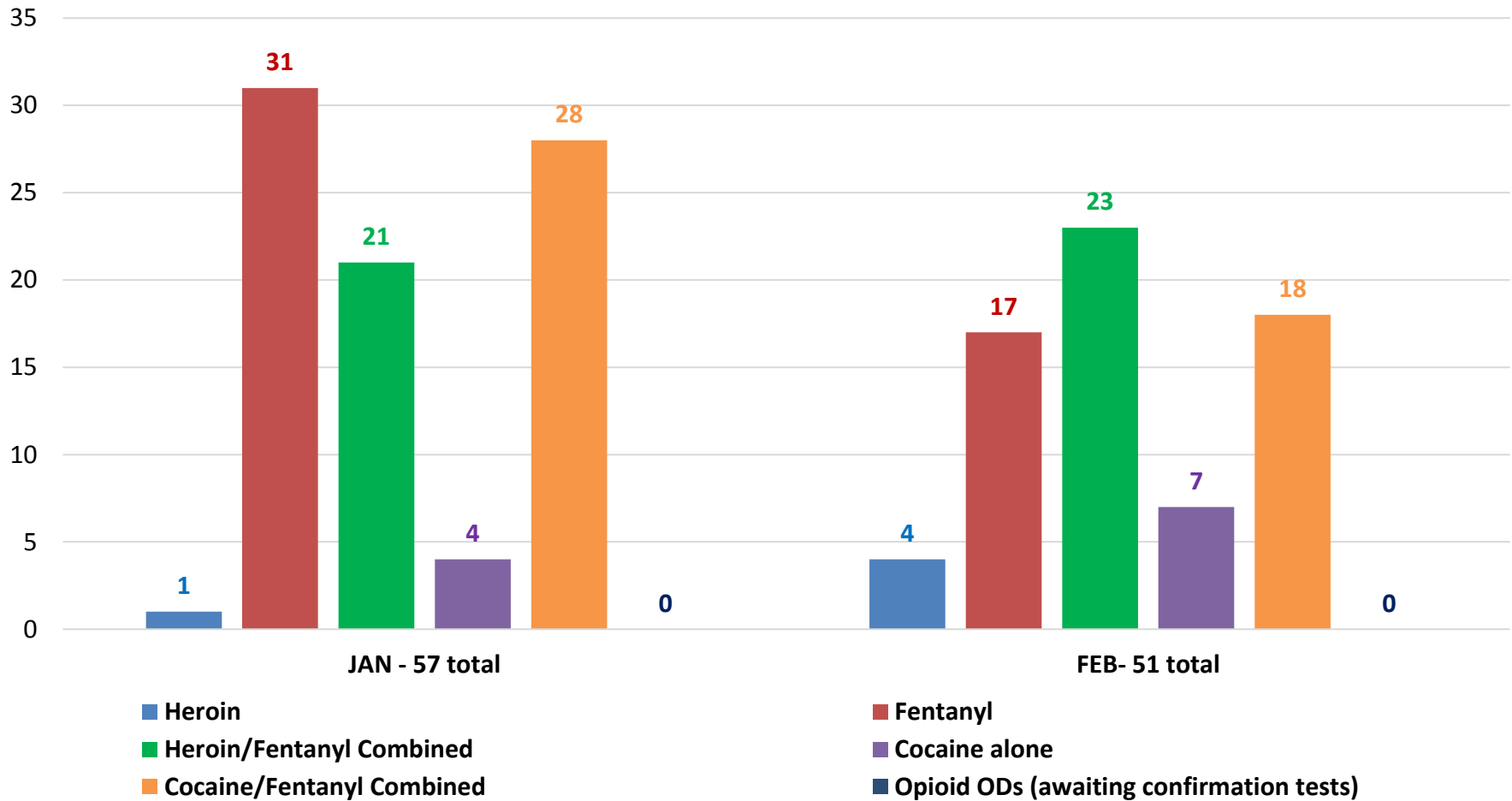
*Source: Cuyahoga County Medical
Examiner's Office revised 3-6-19*



2019 CCMEO Overdose Deaths, Most Common Drugs Involved

Combined is heroin and fentanyl or cocaine and fentanyl in some combination

(Fentanyl analogues will be counted under Fentanyl Columns).

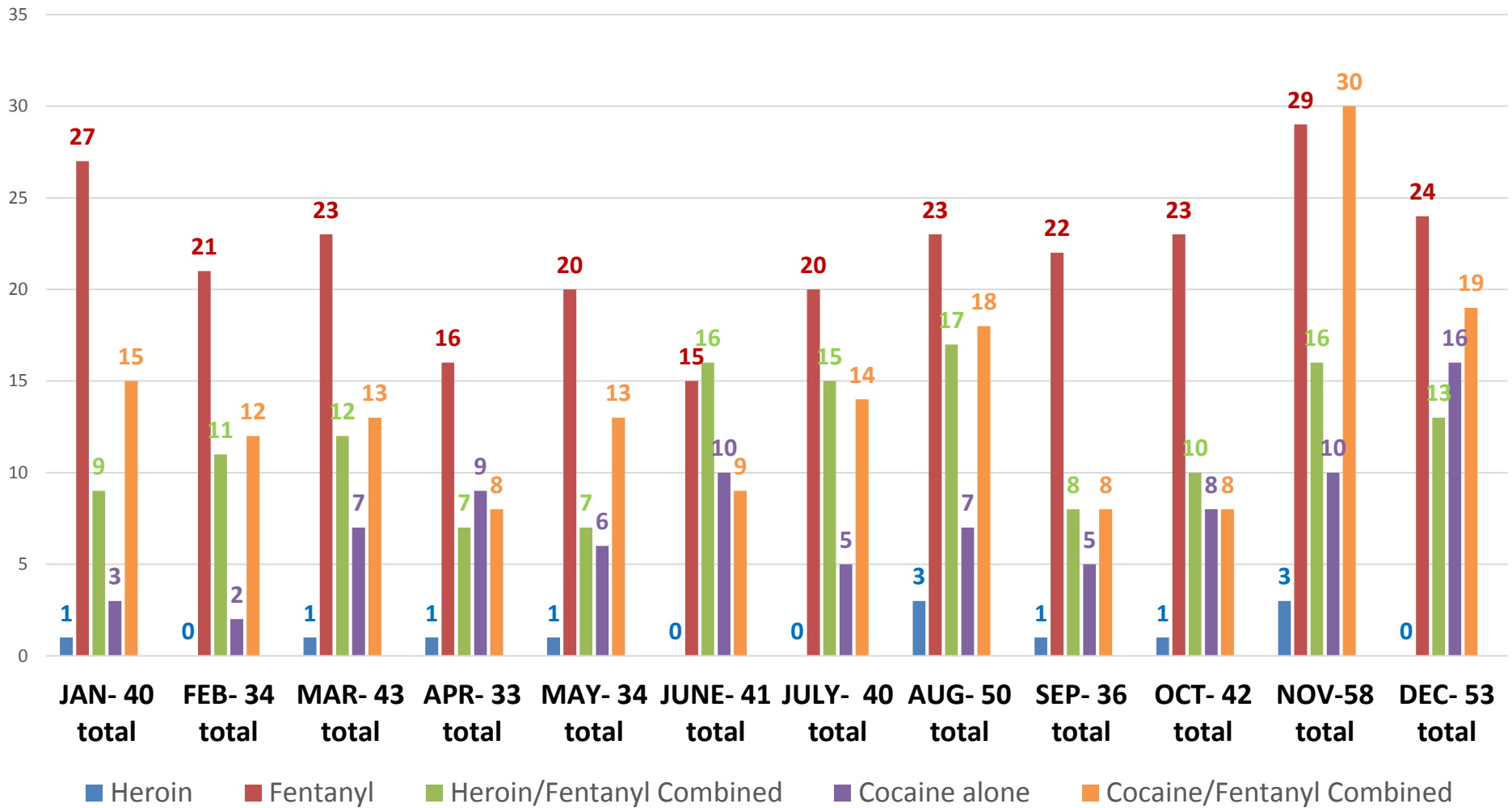


Source: Cuyahoga County Medical Examiner's Office revised 3-1-19



2018 CCMEO Overdose Deaths, Most Common Drugs Involved

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



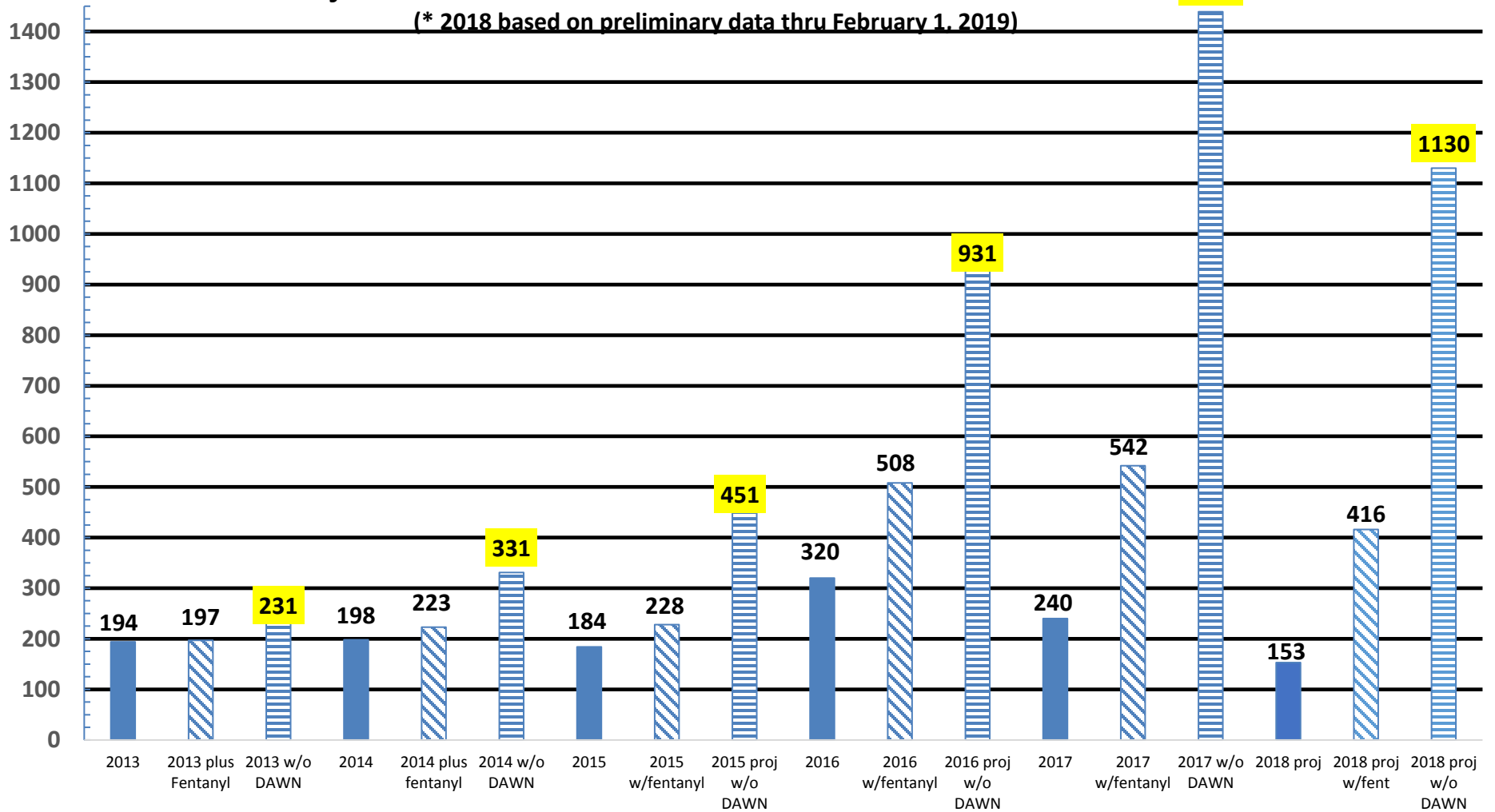
Source: Cuyahoga County Medical Examiner's Office revised 2-1-19



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

Projected deaths with DAWN Saves as overdose Deaths

(* 2018 based on preliminary data thru February 1, 2019)



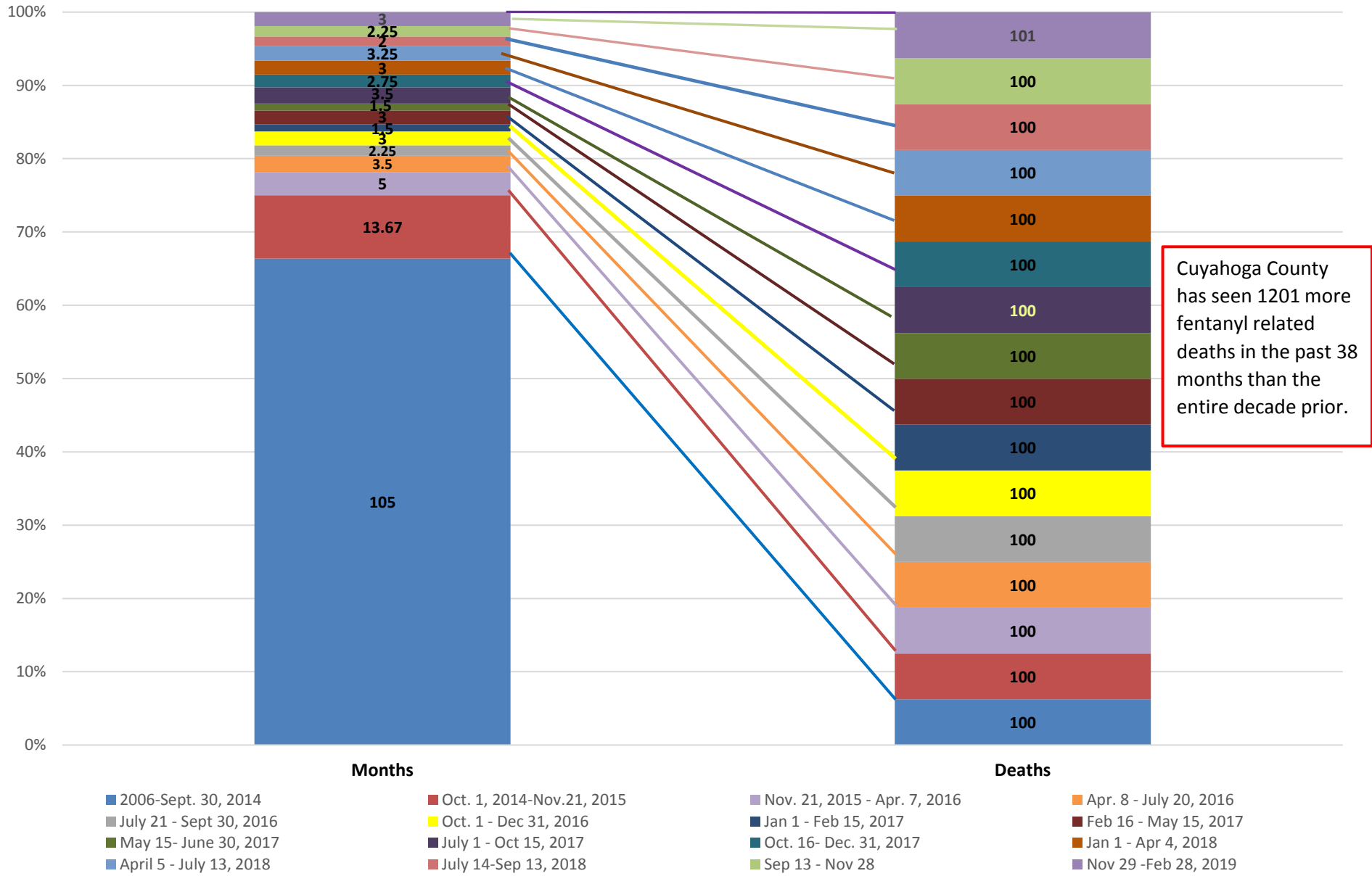
Source: Cuyahoga County Medical Examiner's Office revised 2-1-19

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 in 2017 and 3,789 dose administrations in 2018).



Cuyahoga County Fentanyl Deaths 2006-2019



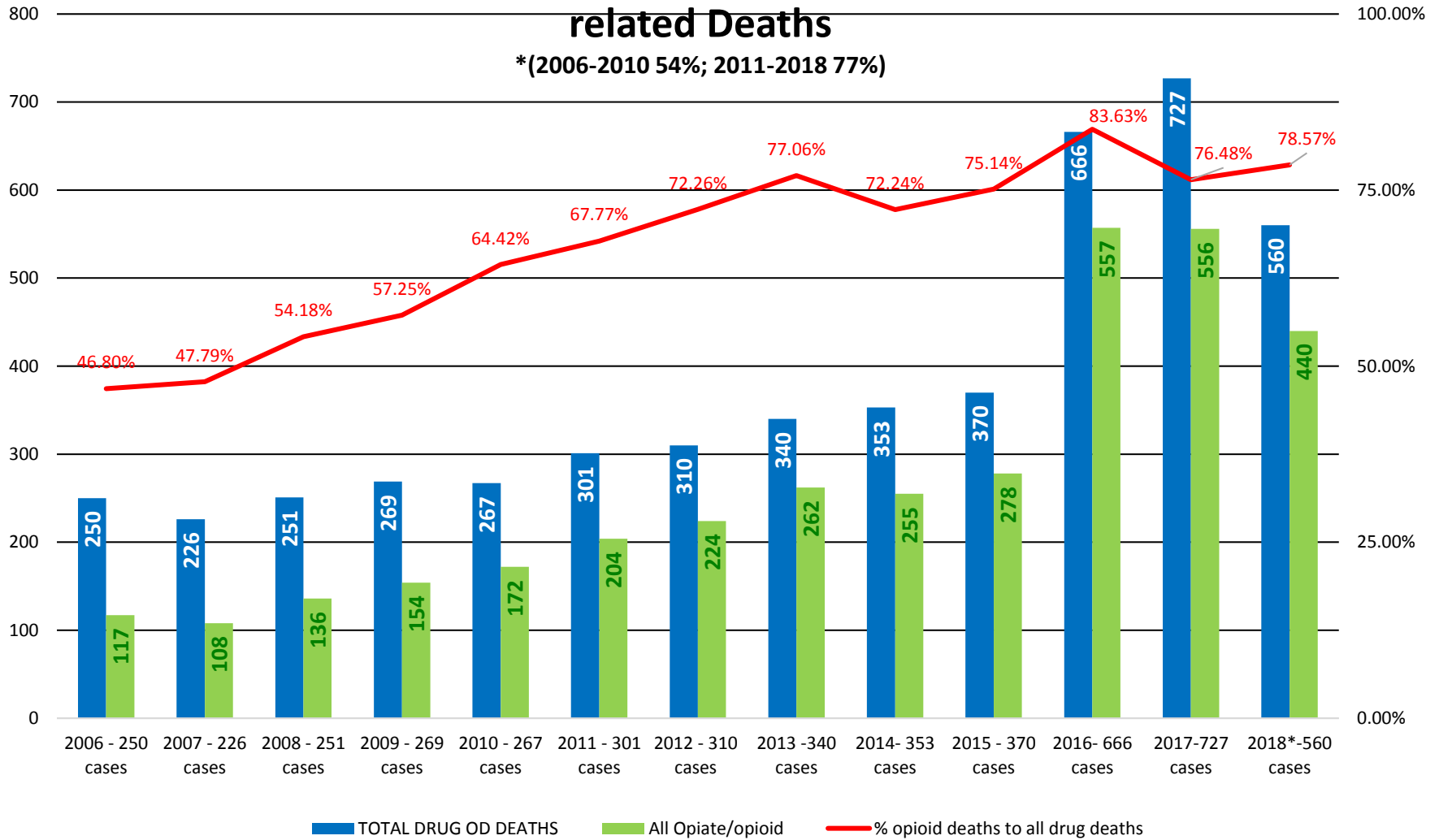
Cuyahoga County has seen 1201 more fentanyl related deaths in the past 38 months than the entire decade prior.

Source: Cuyahoga County Medical Examiner's Office revised 3-1-19



Opioid related overdose deaths as Percentage* of All Drug related Deaths

*(2006-2010 54%; 2011-2018 77%)

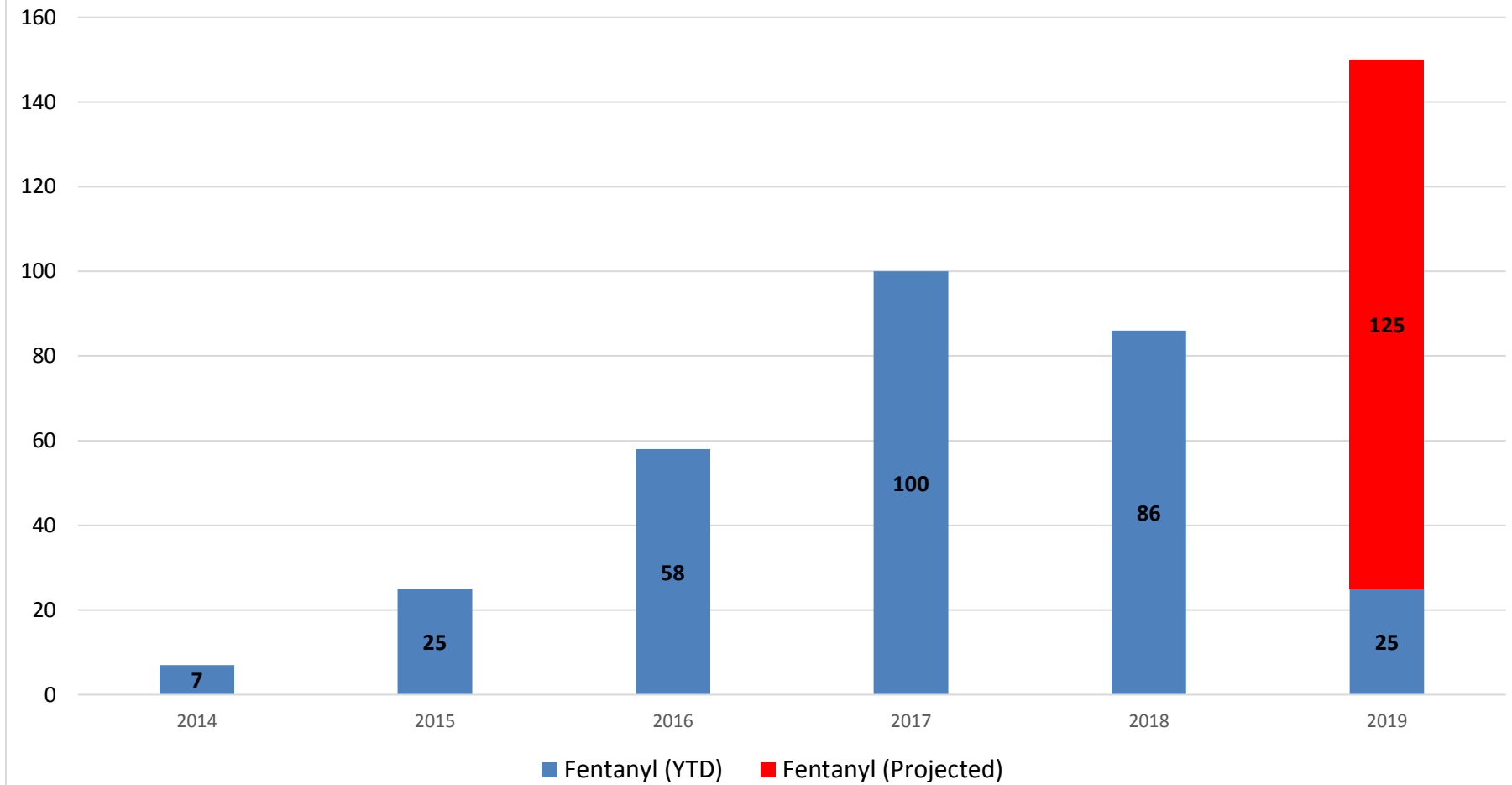


Source: Cuyahoga County Medical Examiner's Office revised 2-1-19



CCMEO Fentanyl-related fatalities among African Americans 2014-2019*

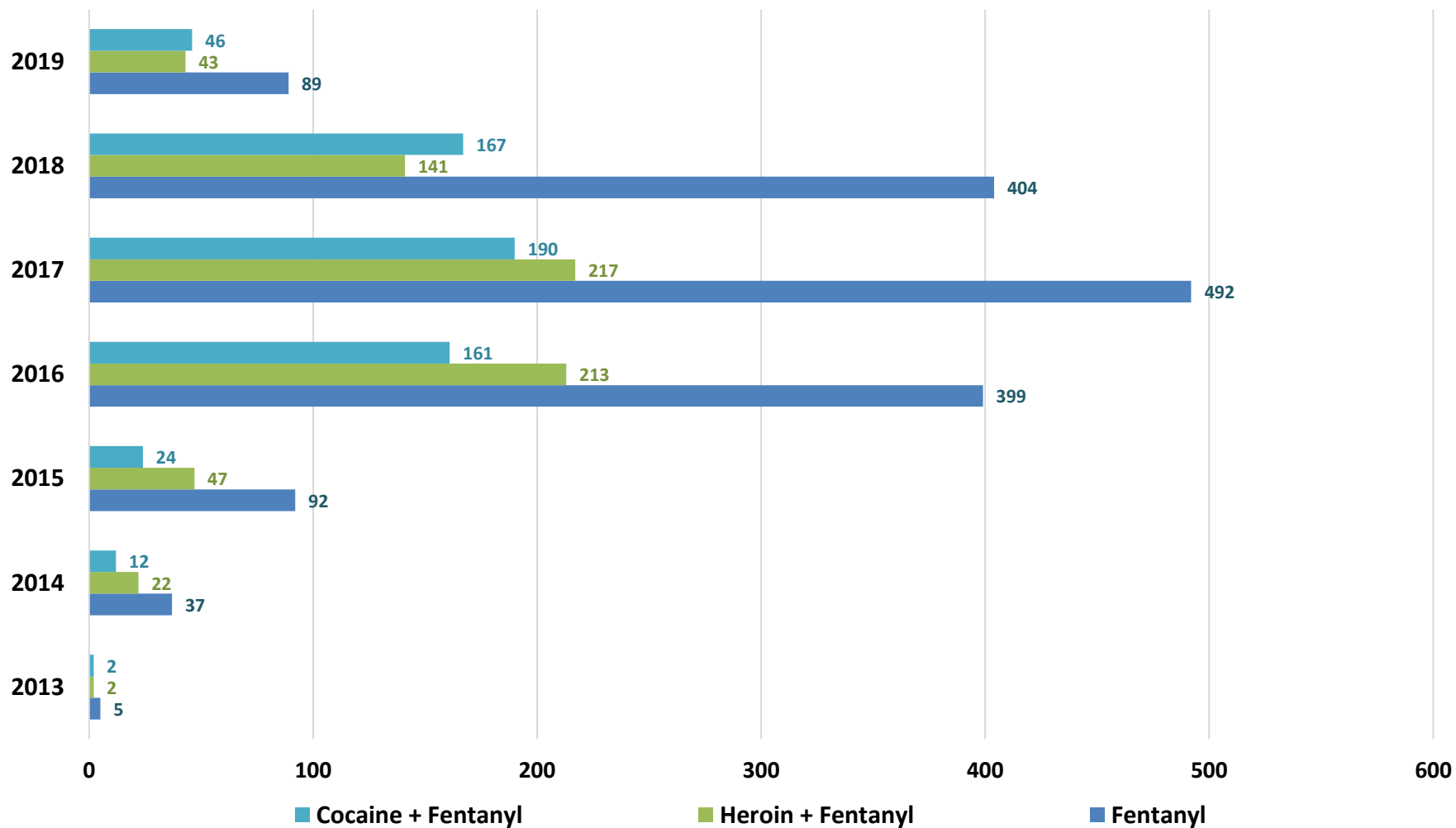
*(Red - Projected for remainder of year, as of March 1, 2019)



Source: Cuyahoga County Medical Examiner's Office revised 3-1-19



CCMEO, Proliferation of Fentanyl and Cocaine/Fentanyl mixtures in fatalities 2013-2019* (* thru February)



Source: Cuyahoga County Medical Examiner's Office revised 3-1-19

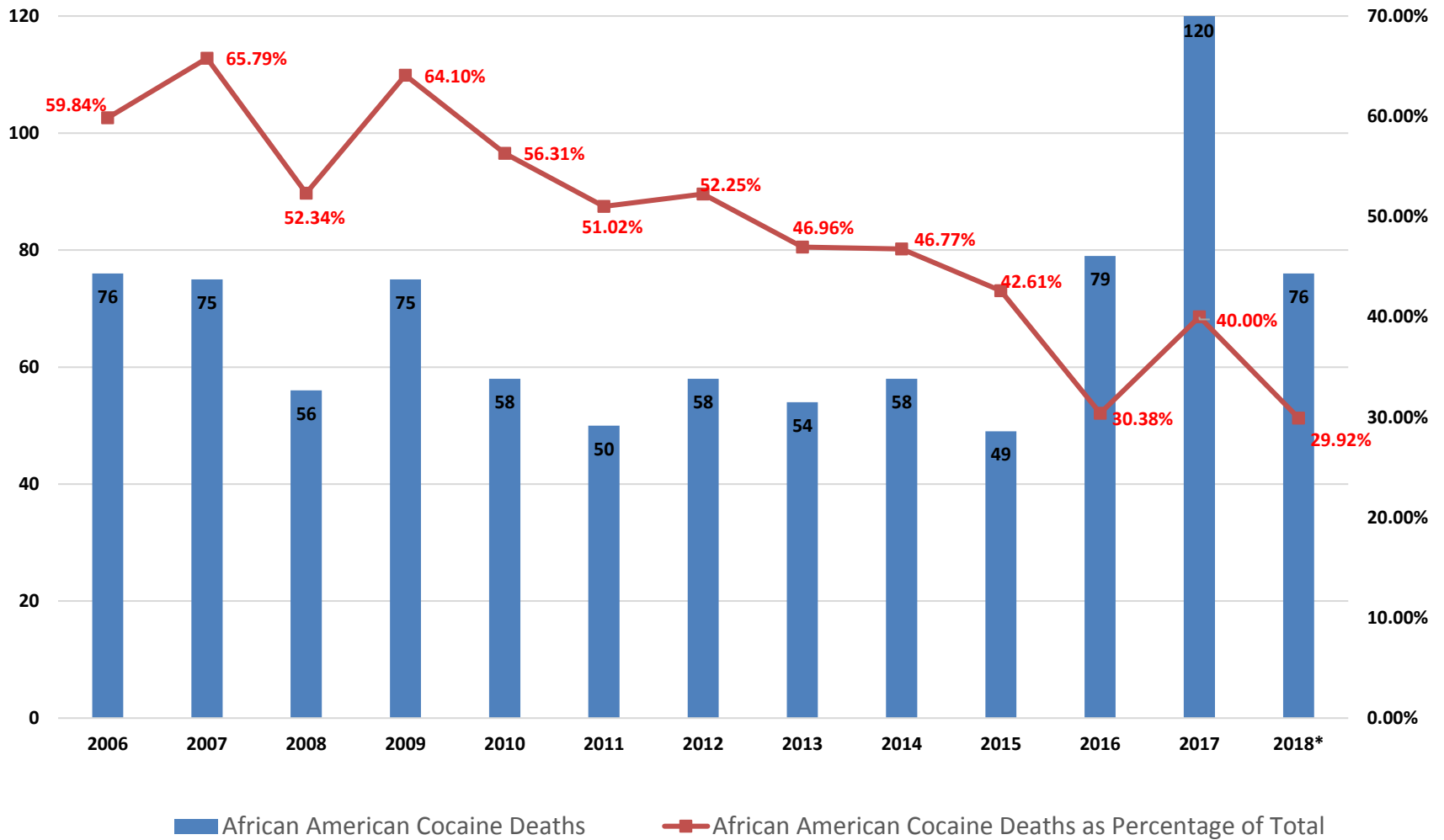


CCMEO Cocaine related Overdose Deaths 2006-2018*

Demographic Shift in Cocaine Deaths

(Includes cocaine/fentanyl mixed cases)

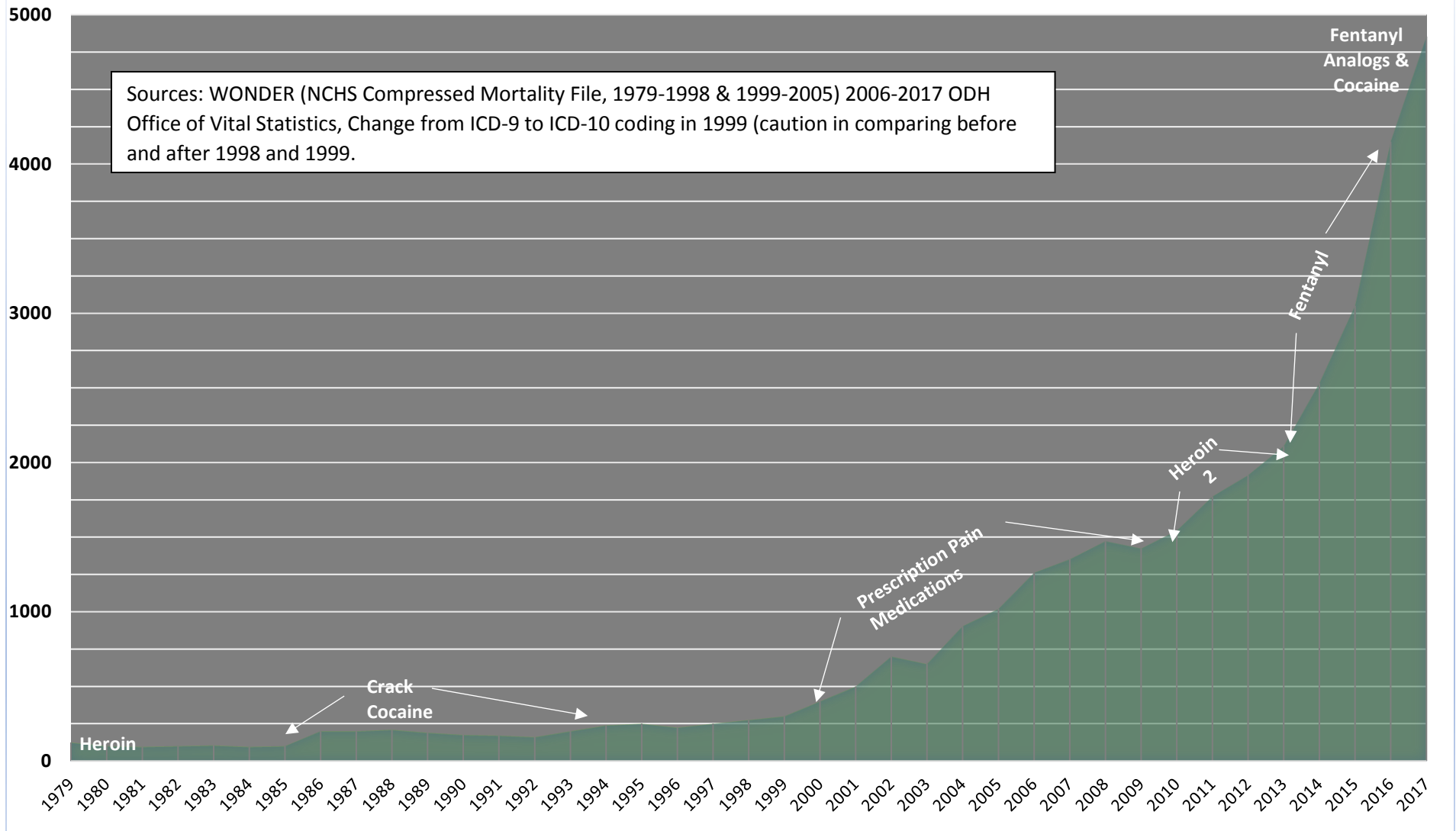
*2018 from 3rd Qtr data and projected from remainder of 2018 as of 12/31/18



Source: Cuyahoga County Medical Examiner's Office revised 2-1-19



EPIDEMICS OF UNINTENTIONAL DRUG OVERDOSE DEATHS IN OHIO 1979 - 2017



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

