



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**

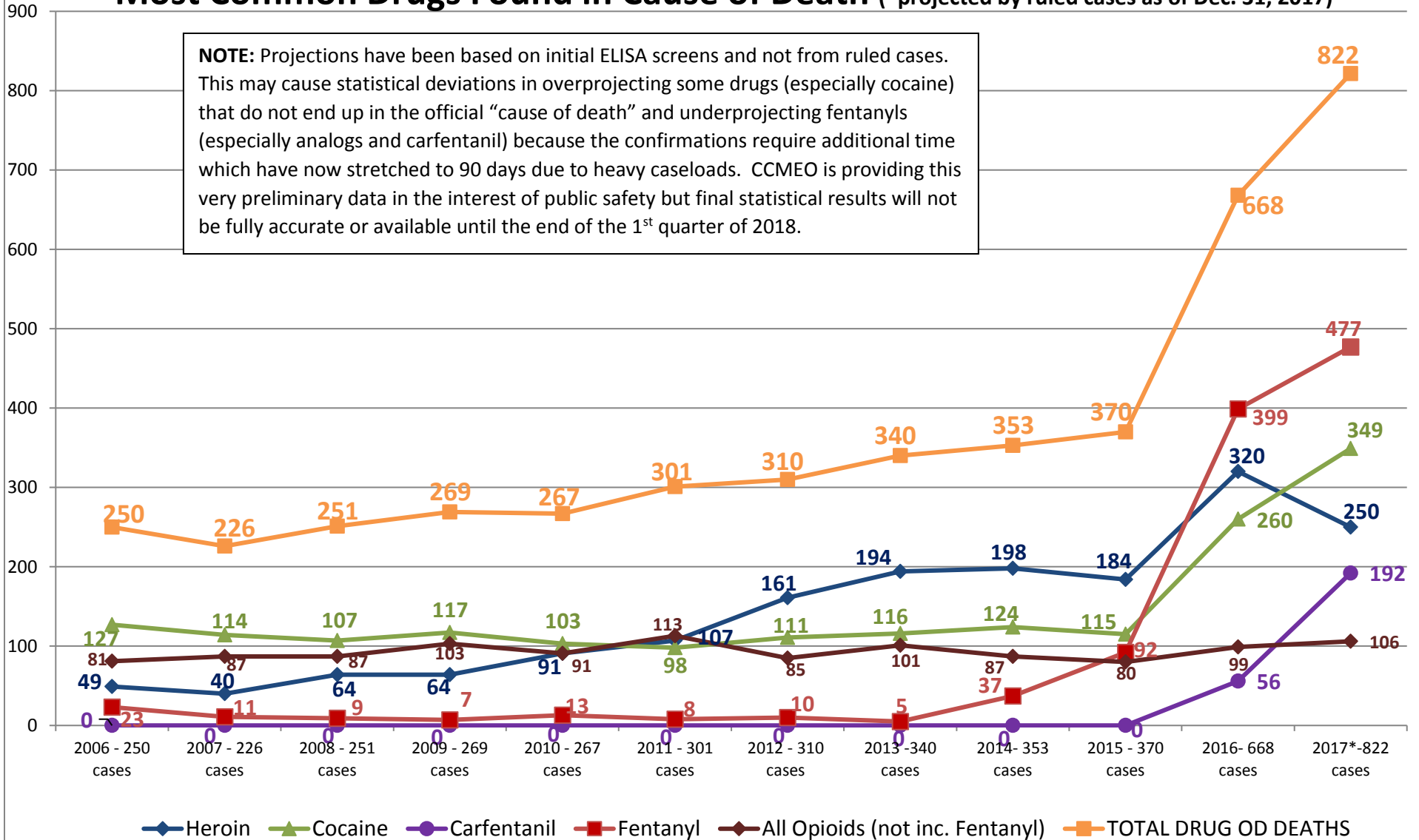
2017 FEBRUARY UPDATE

MARCH 8, 2018

Cuyahoga County Overdose Deaths 2006-2017*

Most Common Drugs Found in Cause of Death (*projected by ruled cases as of Dec. 31, 2017)

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 which have now stretched to 90 days due to heavy caseloads. 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 the end of the 1st quarter of 2018.



Source: Cuyahoga County Medical Examiner's Office revised 1-25-18



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

Fatal Cases due to heroin/fentanyl/analogs in FEBRUARY—at least 35 (63 cases pending additional testing)

15 - City of Cleveland Residents

18 - Suburban Residents- Bedford, Berea, Brook Park (2), Cleveland Hts. (2), North Olmsted, Parma (4) and (7) Out of County – Ashtabula and Jefferson (Ashtabula), Columbiana (Columbiana), Elyria, Grafton and Lorain (Lorain), Toledo (Lucas).

2 - Unknown

VICTIMS

Victims' ages range from 21 – 63

29 Male victims; 6 Female victims

5 African American victims; 30 Caucasian victims (2 hispanic victims)

TRENDS

At least **72** victims have died from heroin/fentanyl/analog or in combination in 2018. This compares to 112 through February of 2017 and 56 in 2016. 2018 total is at least **95** fatalities when including cocaine as well.

Carfentanil: 56 CONFIRMED FATAL CASES in 2016; 172 CONFIRMED as of 12/31 in 2017

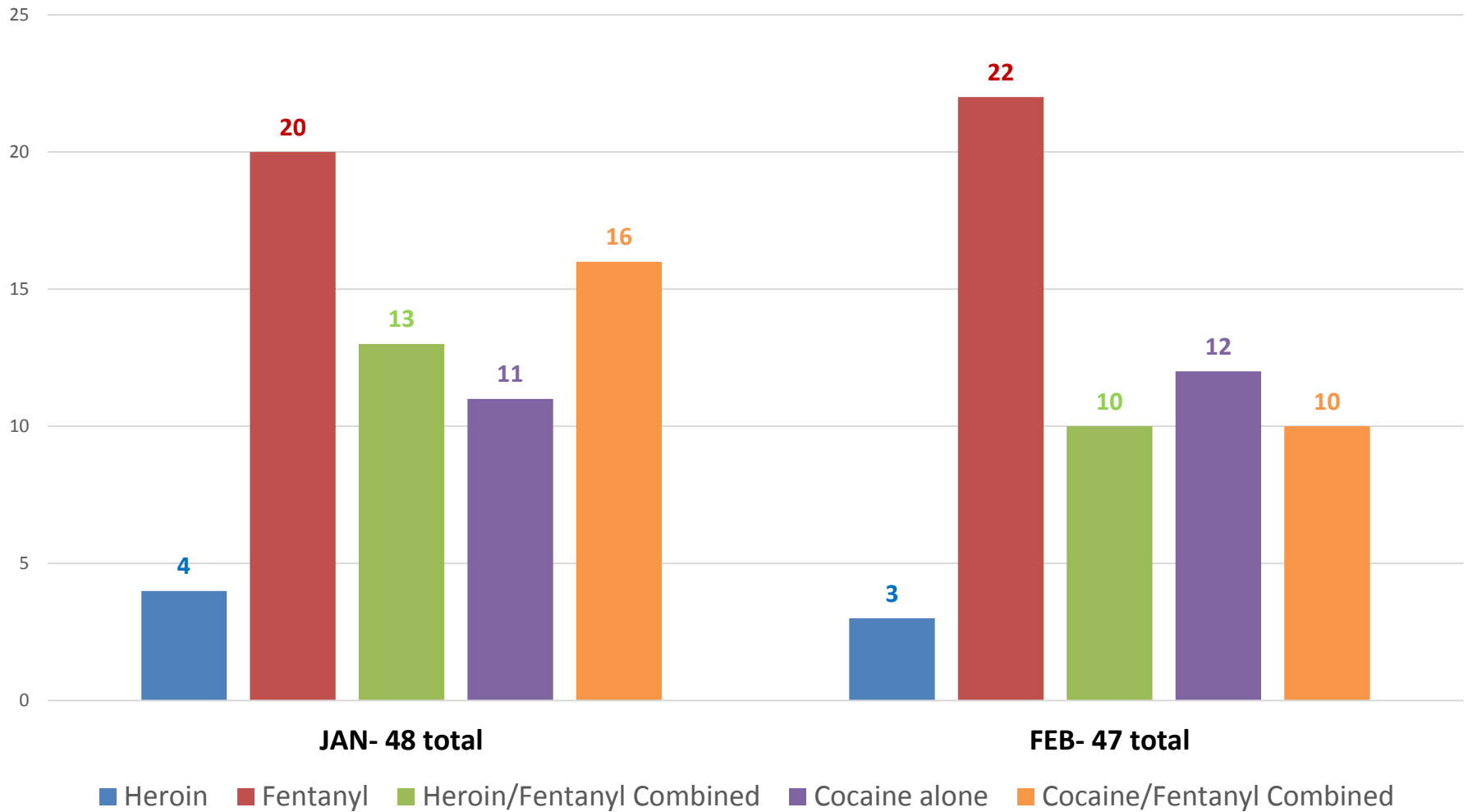
Rate of African American deaths involving fentanyl dropped to 12.7% of all victims so far in 2018, a rate more in line with 2016 (14.5%), than the 20+% in 2017. At least 22 cocaine related deaths occurred in February 2018 (at least 50 for 2018), with at least 10 being mixed with Fentanyl, Heroin or both (at least 26 for 2018).

Source: Cuyahoga County Medical Examiner's Office revised 3-8-18



2018 CCMEO Overdose Deaths, Most Common Drugs Involved

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

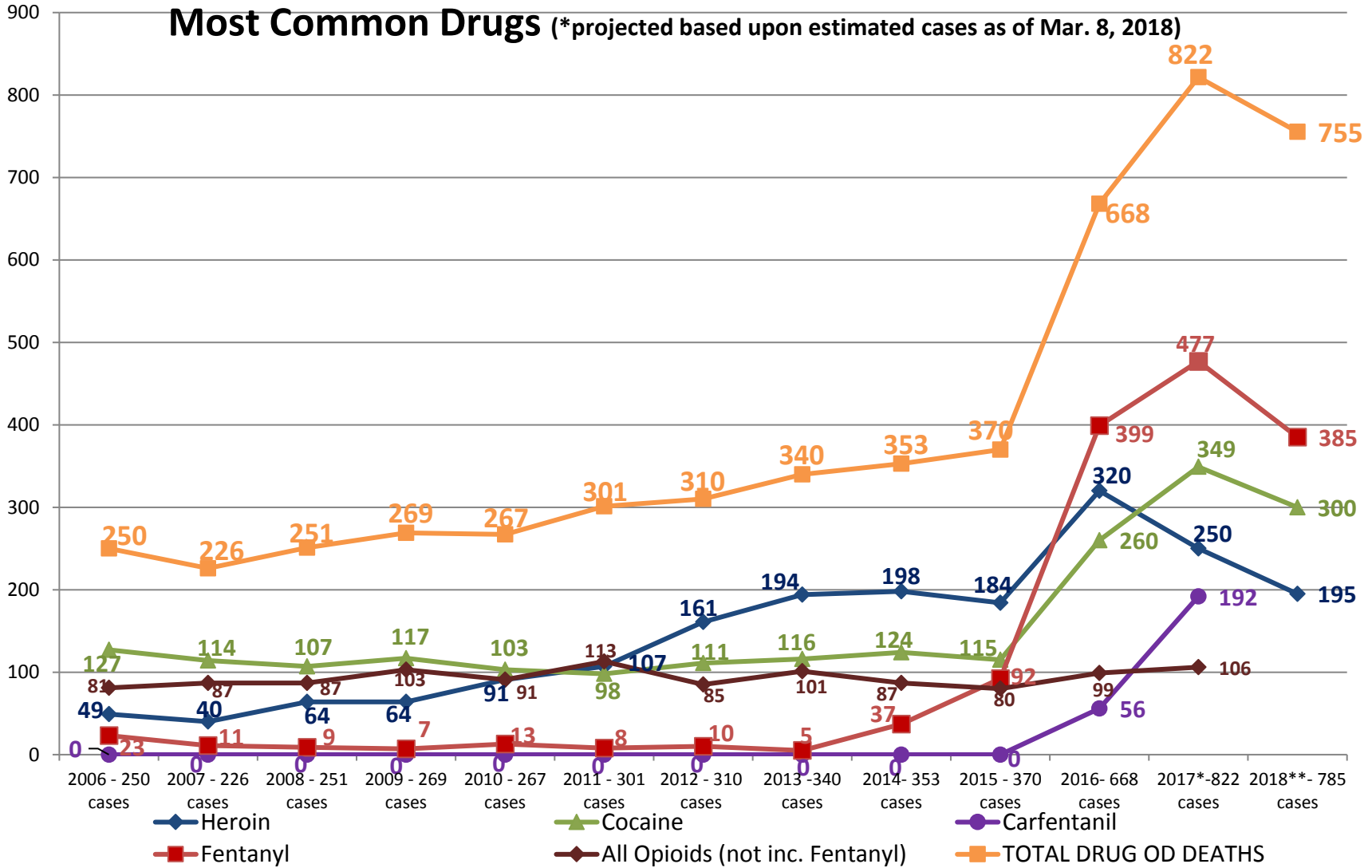


Source: Cuyahoga County Medical Examiner's Office revised 3-8-18



Cuyahoga County Overdose Deaths 2006-2018*

Most Common Drugs (*projected based upon estimated cases as of Mar. 8, 2018)

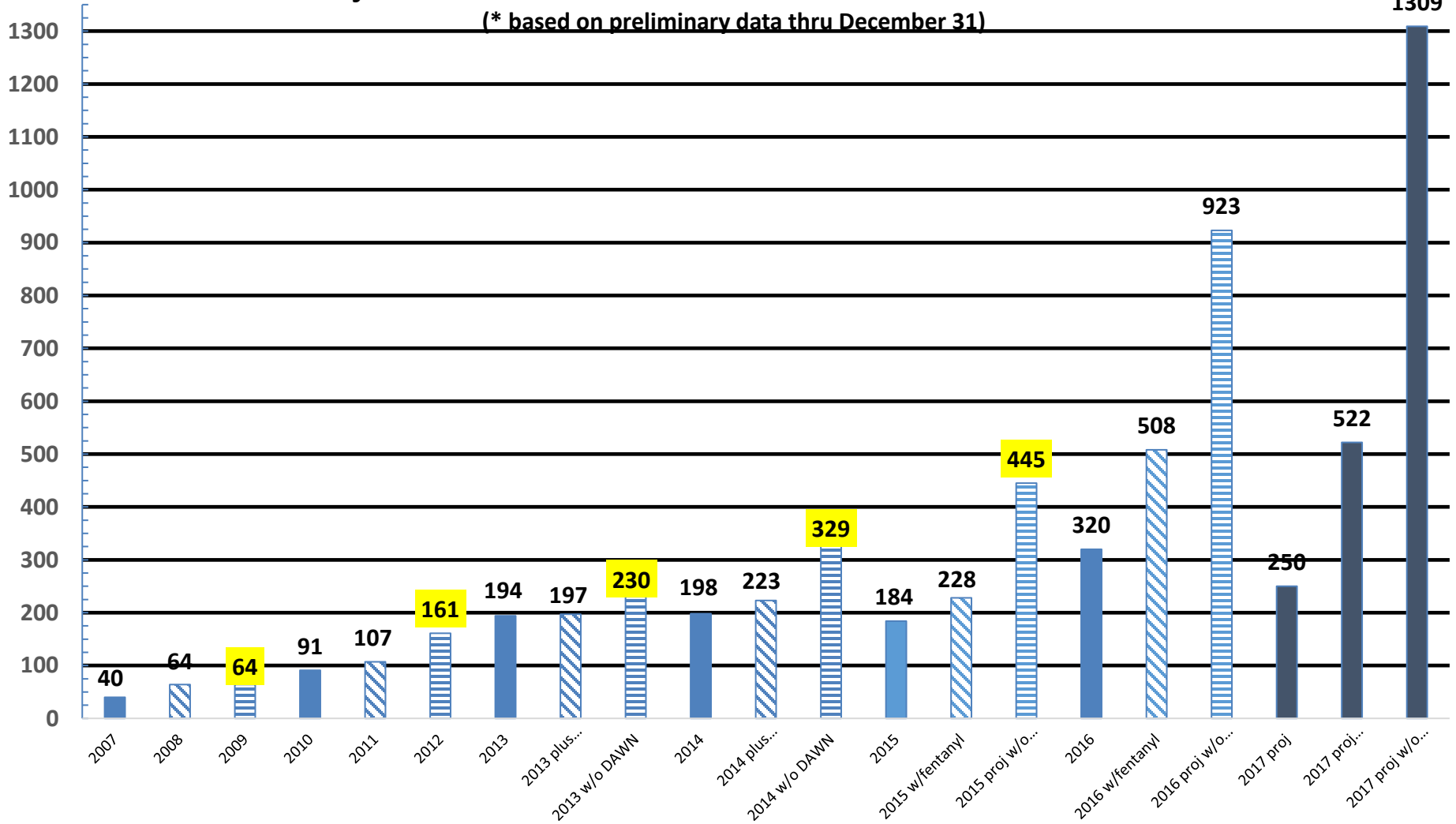


Source: Cuyahoga County Medical Examiner's Office revised 3-8-18



Cuyahoga County Heroin/Fentanyl Related Overdose Deaths 2007-2017*

Projected deaths with DAWN Saves as overdose Deaths

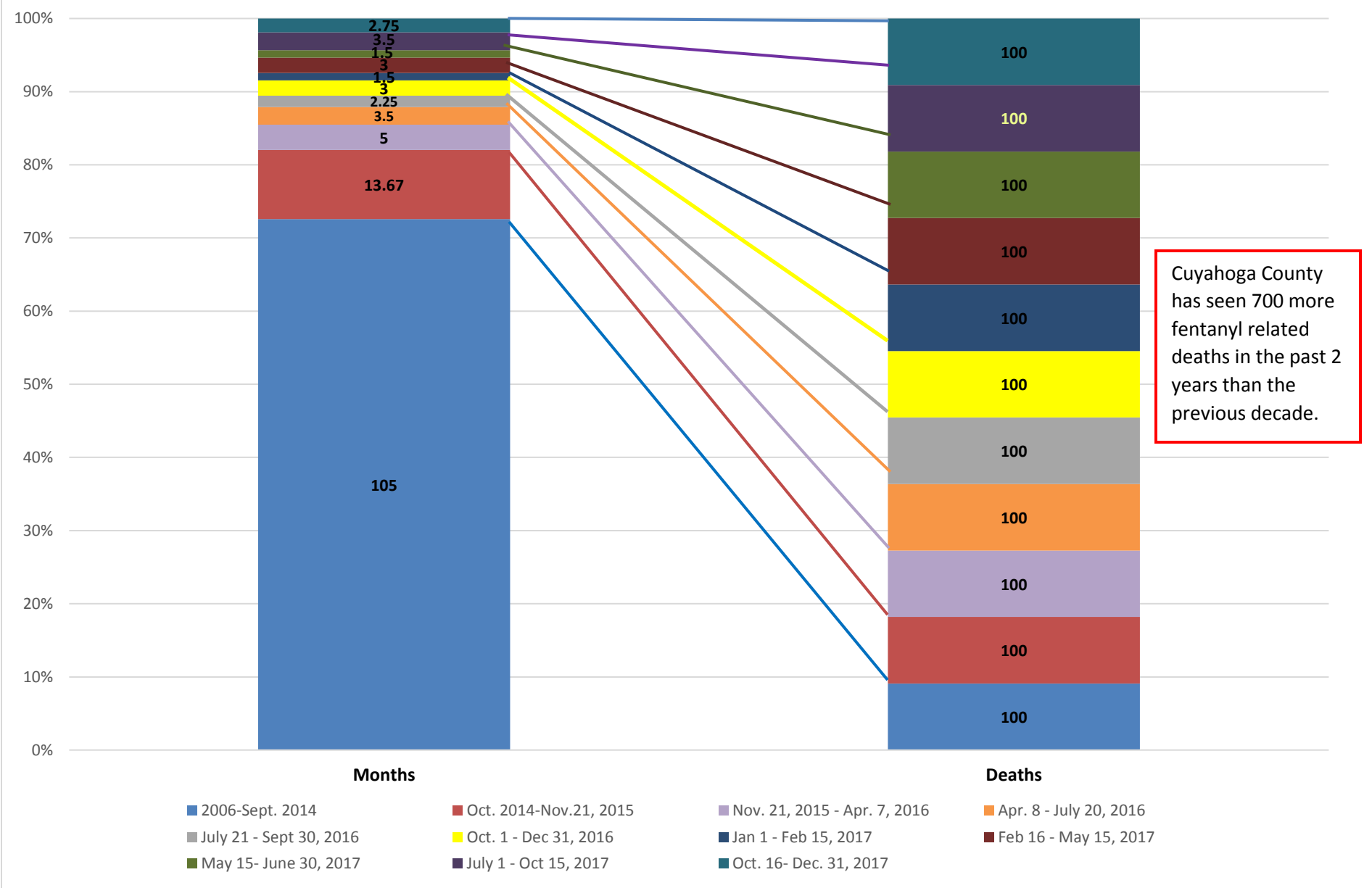


Source: Cuyahoga County Medical Examiner's Office revised 1-25-18

DAWN includes all documented naloxone saves through DAWN including police reversals. Does not include EMS administrations: (829 doses in 2015, over 2,000 doses thru October 2016 and 6,589 dose administrations in 2017).



Cuyahoga County Fentanyl Deaths 2006-2017



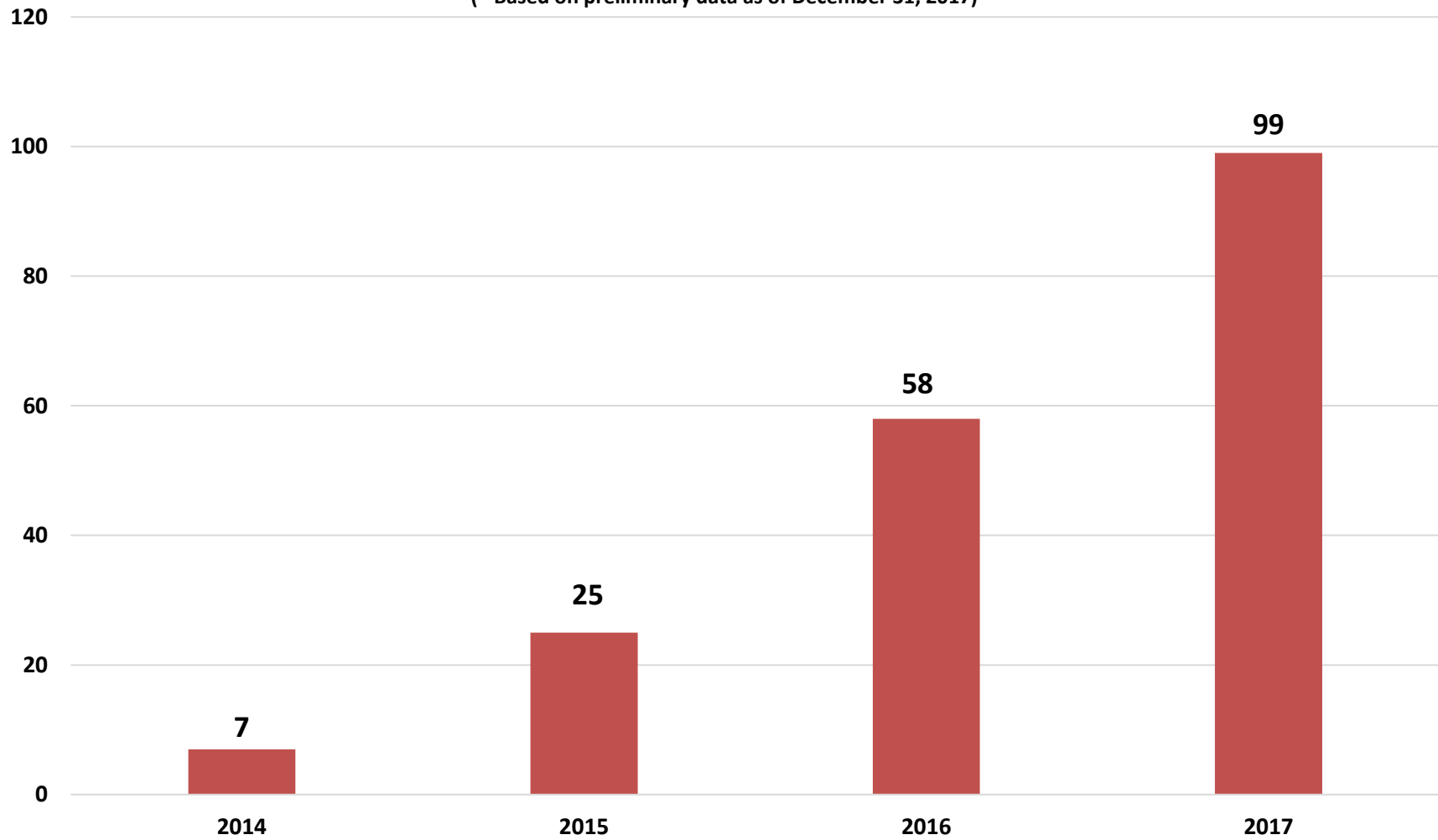
Cuyahoga County has seen 700 more fentanyl related deaths in the past 2 years than the previous decade.

Source: Cuyahoga County Medical Examiner's Office revised 3-8-18



CCMEO Fentanyl-related fatalities among African Americans 2014-2017*

(* Based on preliminary data as of December 31, 2017)

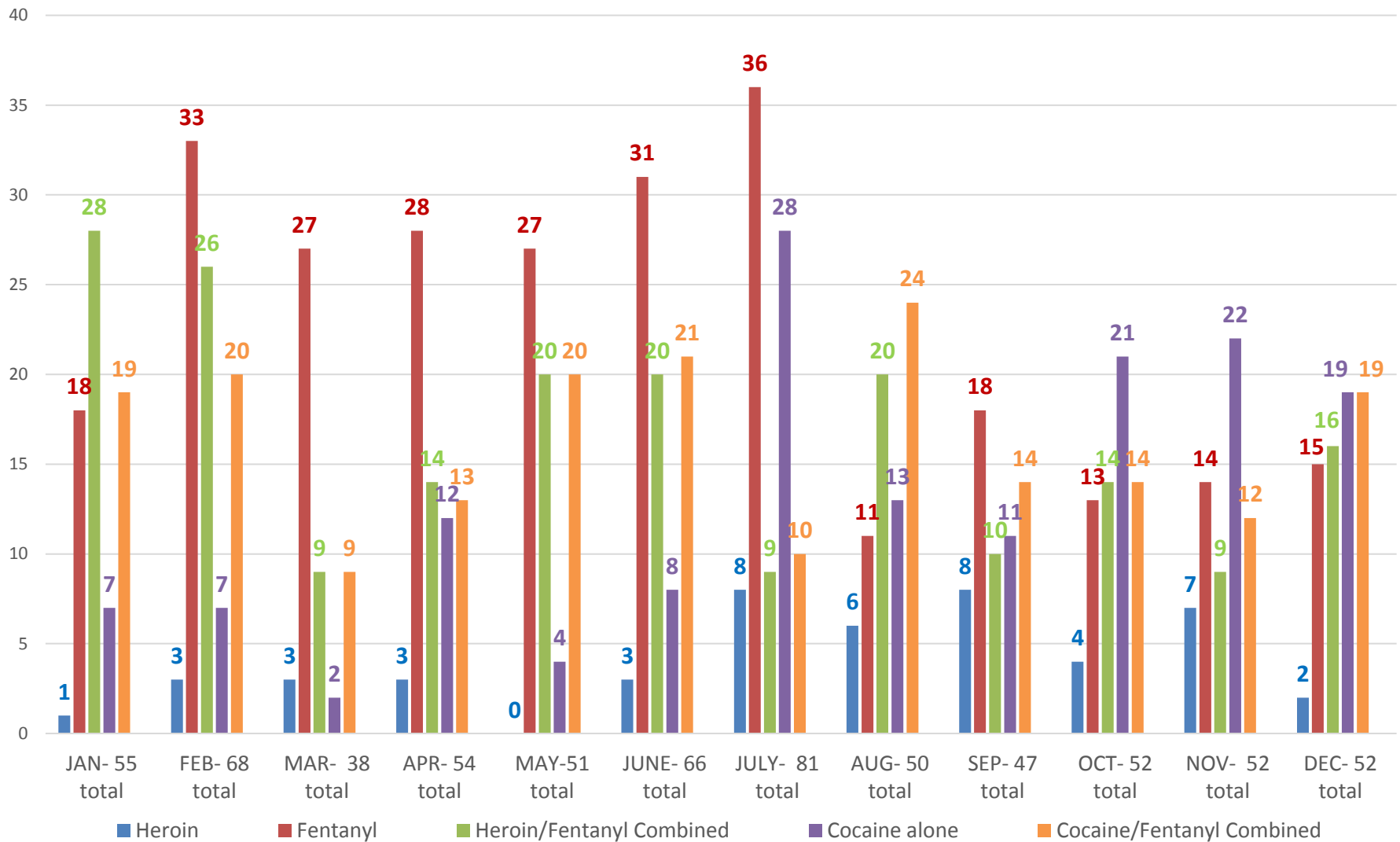


Source: Cuyahoga County Medical Examiner's Office revised 1-5-18



2017 CCMEO Overdose Deaths, Most Common Drugs Involved

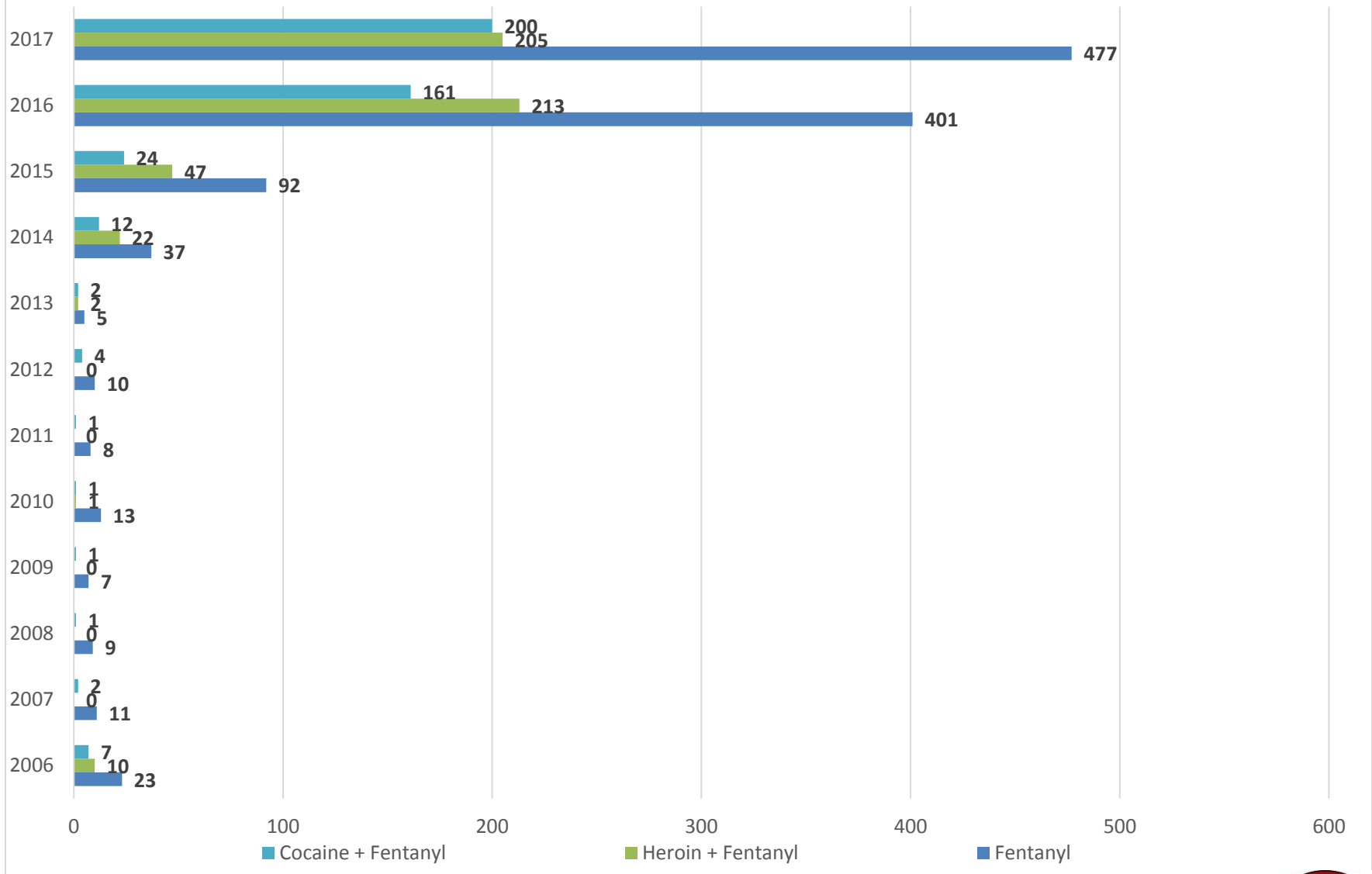
(Fentanyl analogues will be counted under Fentanyl Columns).



Source: Cuyahoga County Medical Examiner's Office revised 1-5-18



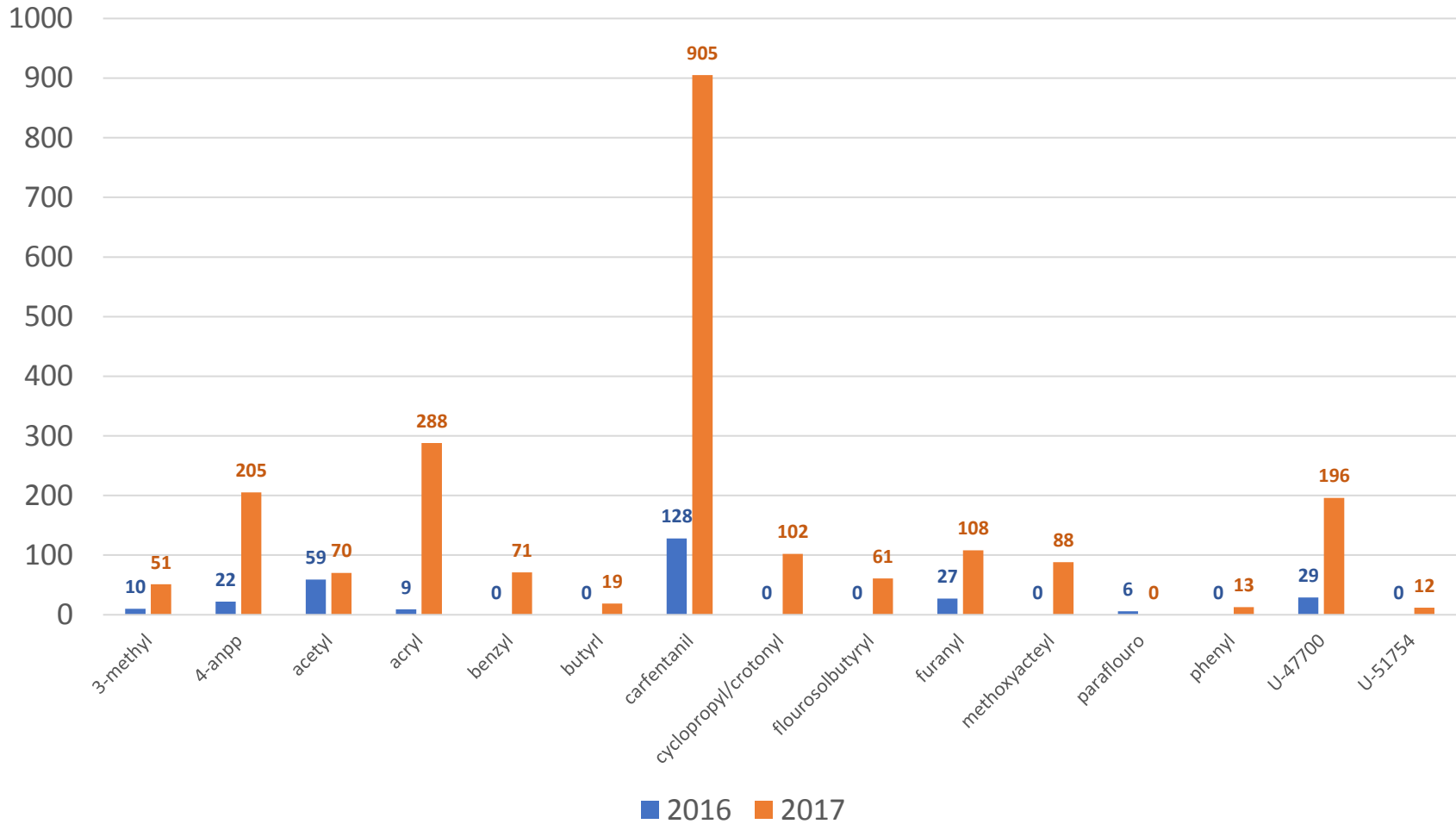
CCMEO, Proliferation of Fentanyl and Cocaine/Fentanyl mixtures in fatalities
2013-2017 (as of Dec. 31)



Source: Cuyahoga County Medical Examiner's Office revised 1-5-18

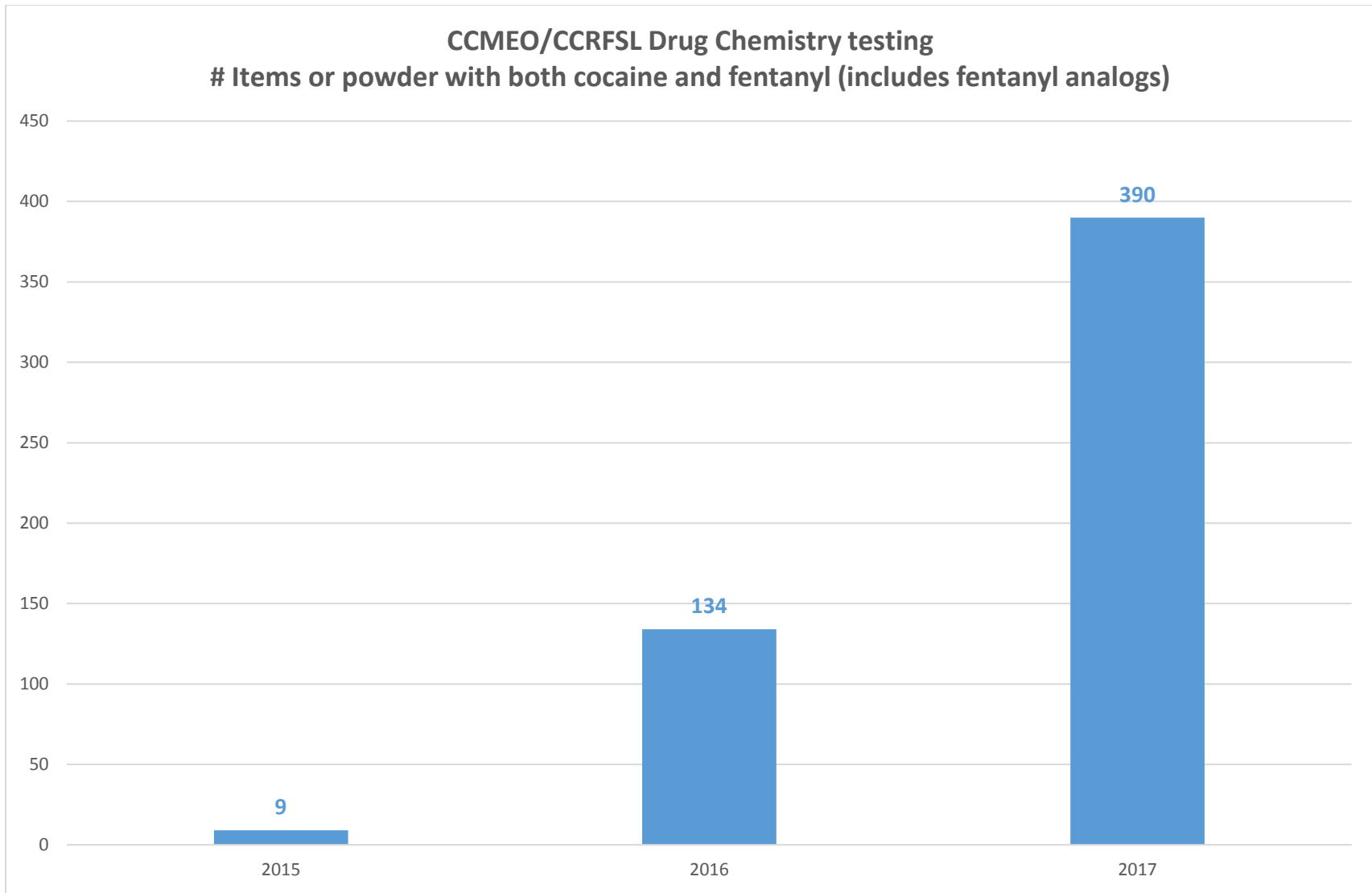


CCRFSL, Drug Chemistry Lab Positive Findings of Fentanyl Analogs 2016-2017



Source: Cuyahoga County Medical Examiner's Office revised 3-8-18





Source: Cuyahoga County Medical Examiner's Office revised 1-25-18

