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CUYAHOGA COUNTY

MEDICAL EXAMINER'S OFFICE

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

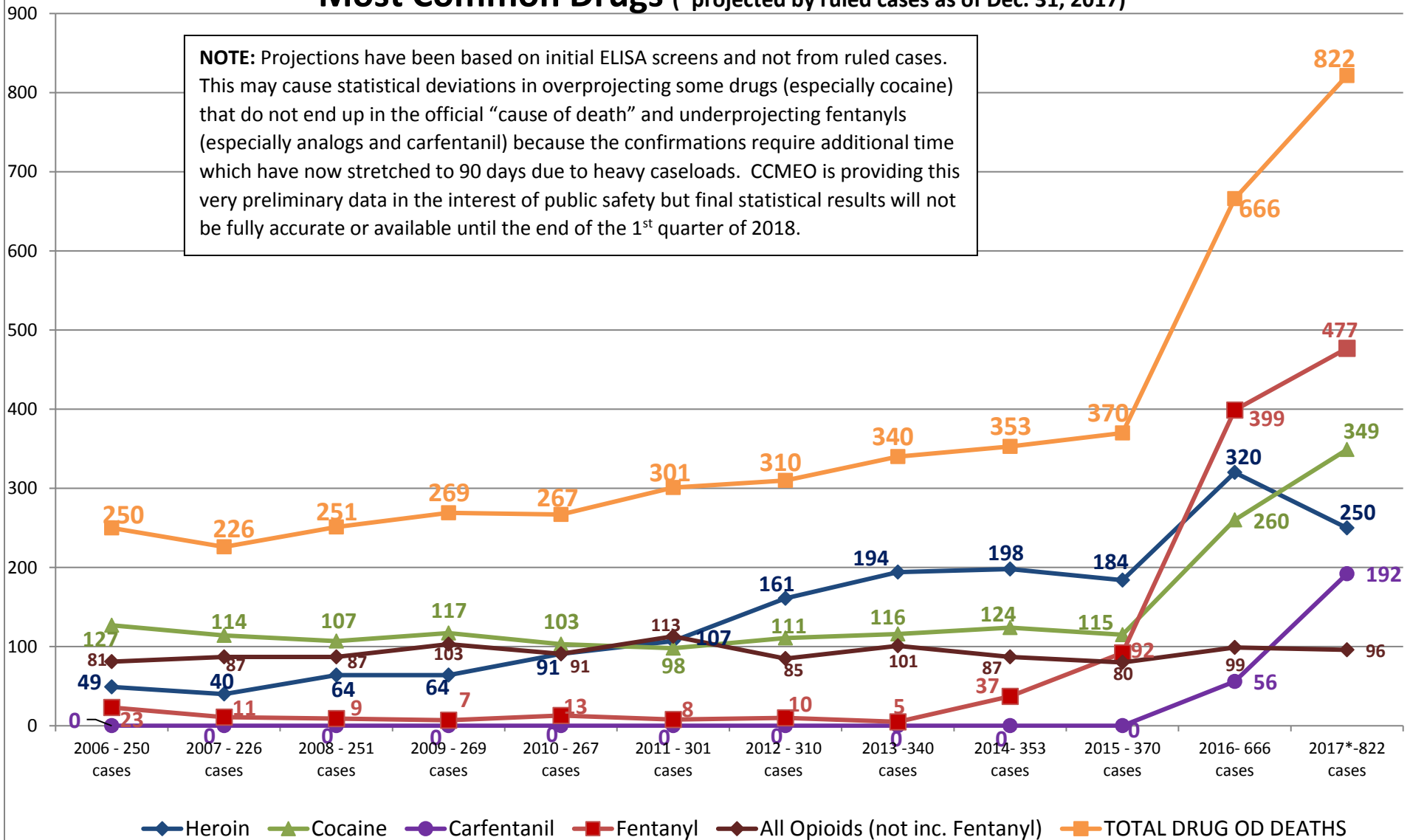
2017 DECEMBER UPDATE

JANUARY 5, 2018

Cuyahoga County Overdose Deaths 2006-2017*

Most Common Drugs (*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 fentanyls (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 1-5-18



CURRENT PUBLIC HEALTH EMERGENCY – At least 5 fatalities since JAN. 1

Fatal Cases due to heroin/fentanyl/analogs in DECEMBER—at least 33 (50 cases pending additional testing)

15 - City of Cleveland Residents

16 - Suburban Residents- Brook Park (2), Euclid, Garfield Hts., Parma (7), Parma Hts., Pepper Pike, Richmond Hts., South Euclid and (1) Out of County – Mentor (Lake).

2 – Unknown (homeless)

VICTIMS

Victims' ages range from 24 – 80

24 Male victims; 9 Female victims

6 African American victims; 1 Native American; 26 Caucasian victims (1 Hispanic victim)

TRENDS

At least **522** victims have died from heroin/fentanyl/analog or in combination in 2017. This compares to 508 through end of 2016. 2017 total at least **664** fatalities when including cocaine as well.

Carfentanil: 56 CONFIRMED FATAL CASES in 2016; 151 CONFIRMED as of 12/31 in 2017

Rate of African American deaths involving fentanyl is 20.7% of all victims, a higher rate than 2016 (14.5%). At least 38 cocaine related deaths occurred in December (at least 349 for 2017), with at least 14 being mixed with Fentanyl, Heroin or both (at least 195 for the year).

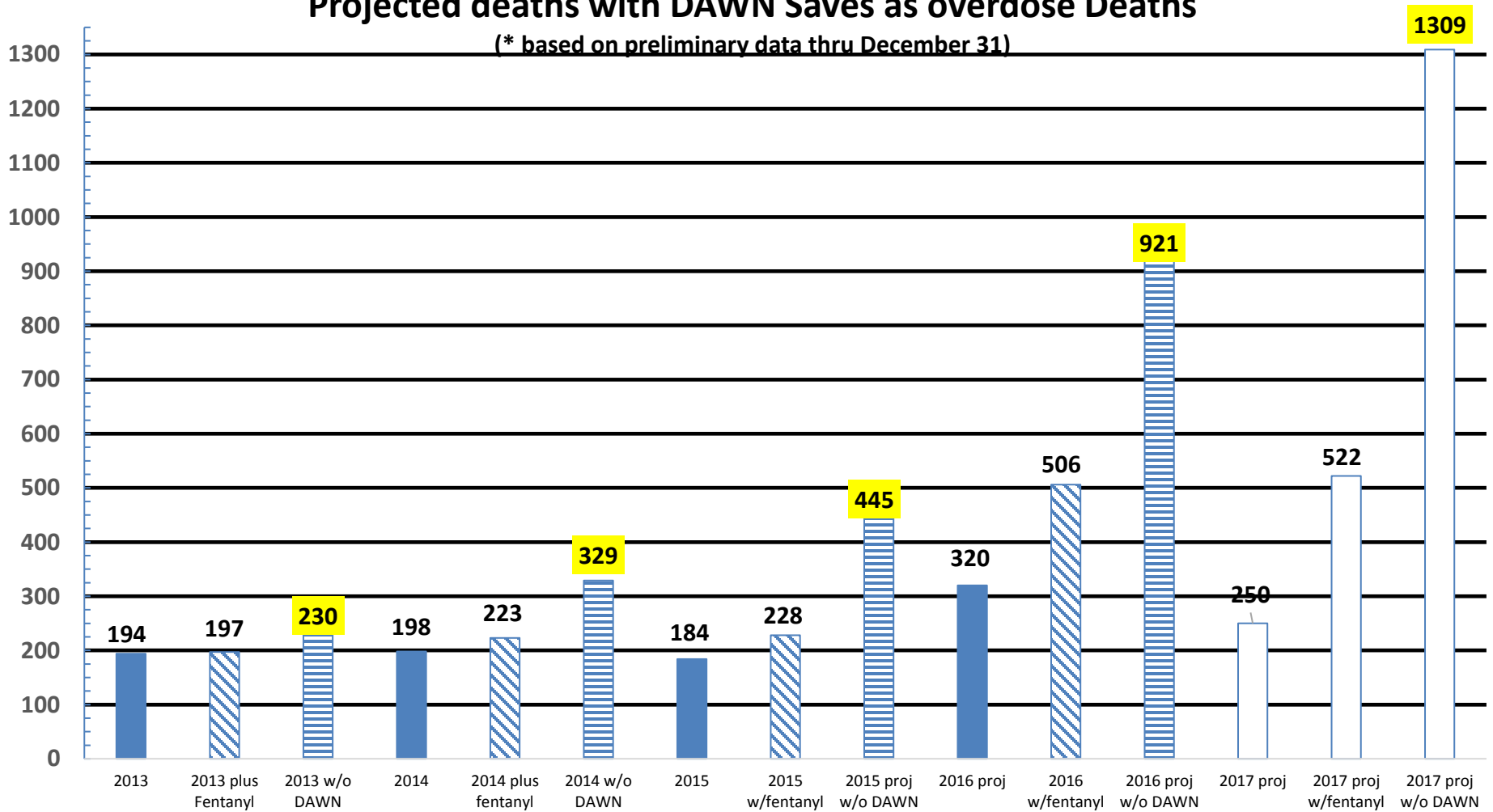
*Source: Cuyahoga County Medical
Examiner's Office revised 1-5-18*



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

Projected deaths with DAWN Saves as overdose Deaths

(* based on preliminary data thru December 31)

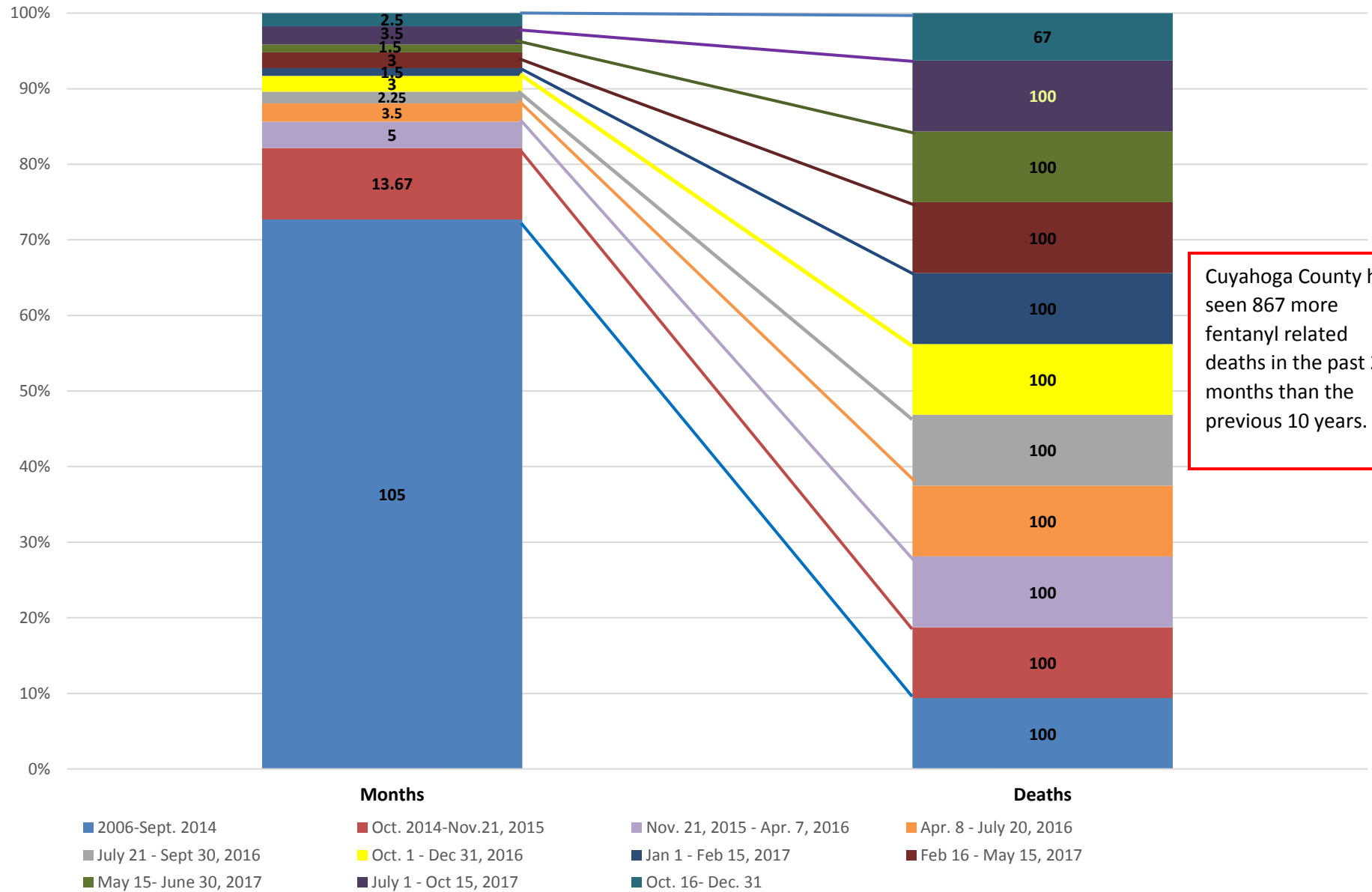


Source: Cuyahoga County Medical Examiner's Office revised 1-5-18

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

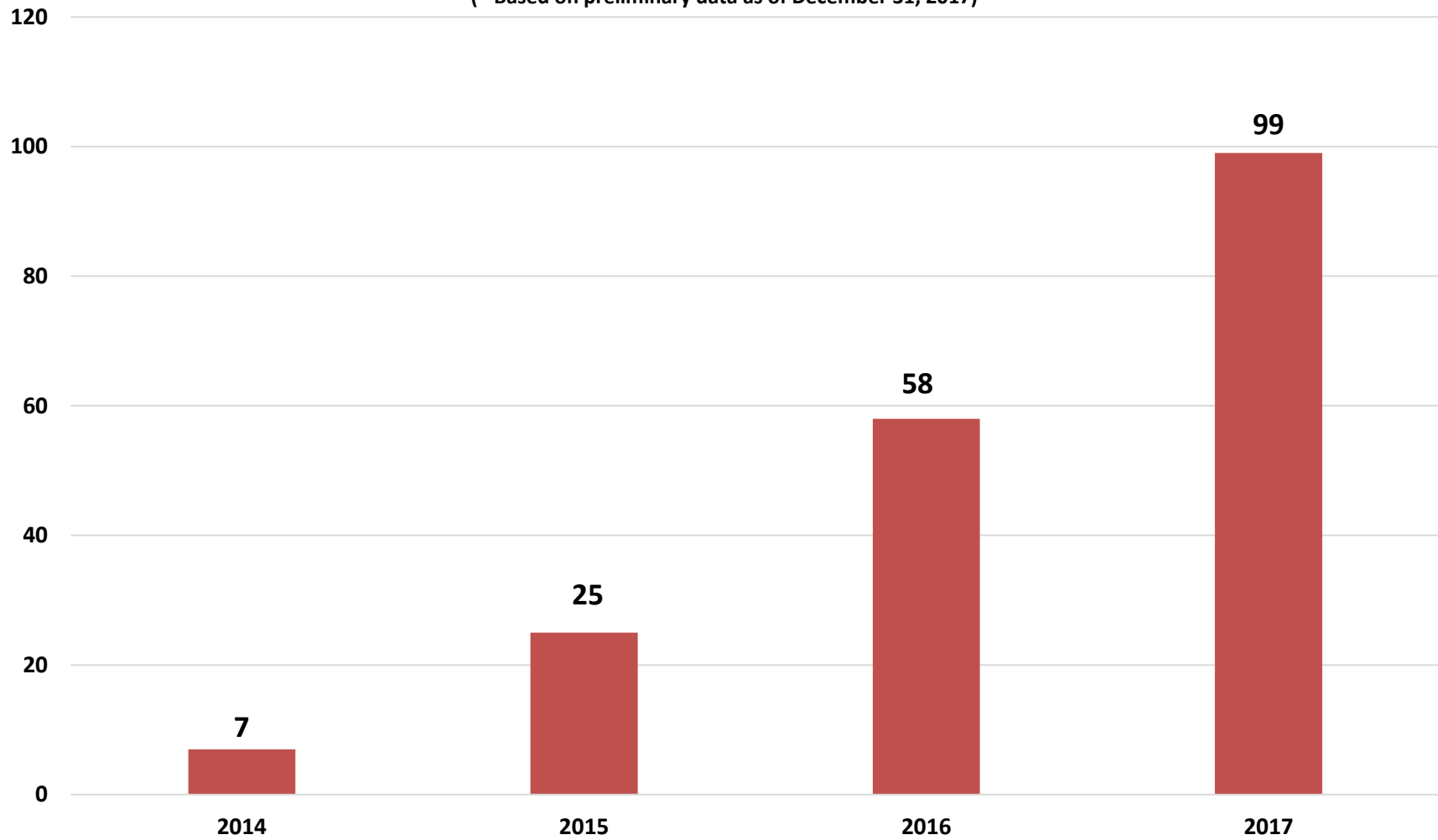


Source: Cuyahoga County Medical Examiner's Office revised 1-5-18



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

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

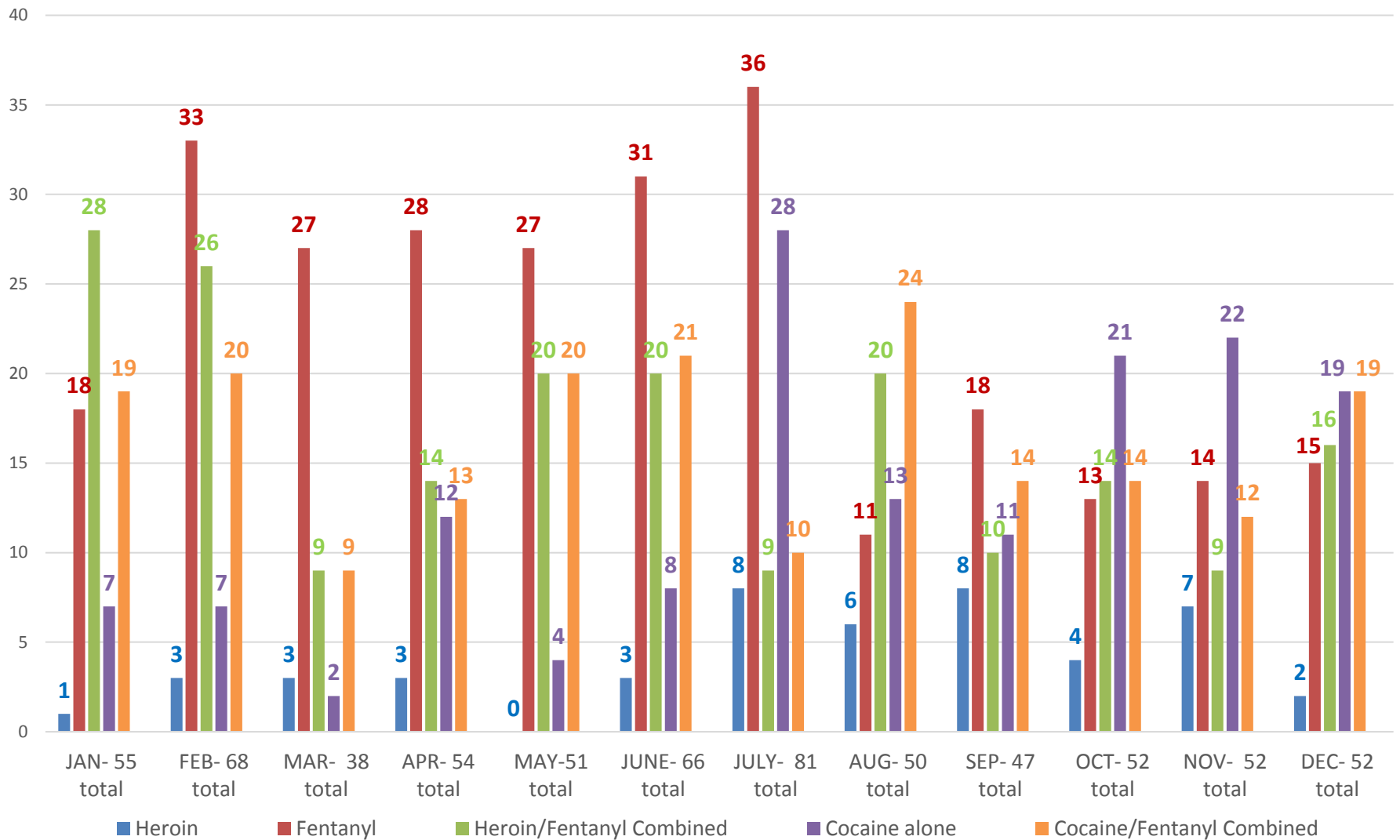


Source: Cuyahoga County Medical Examiner's Office revised 1-5-18



2017 CCMEO Overdose Deaths, Most Common Drugs Involved

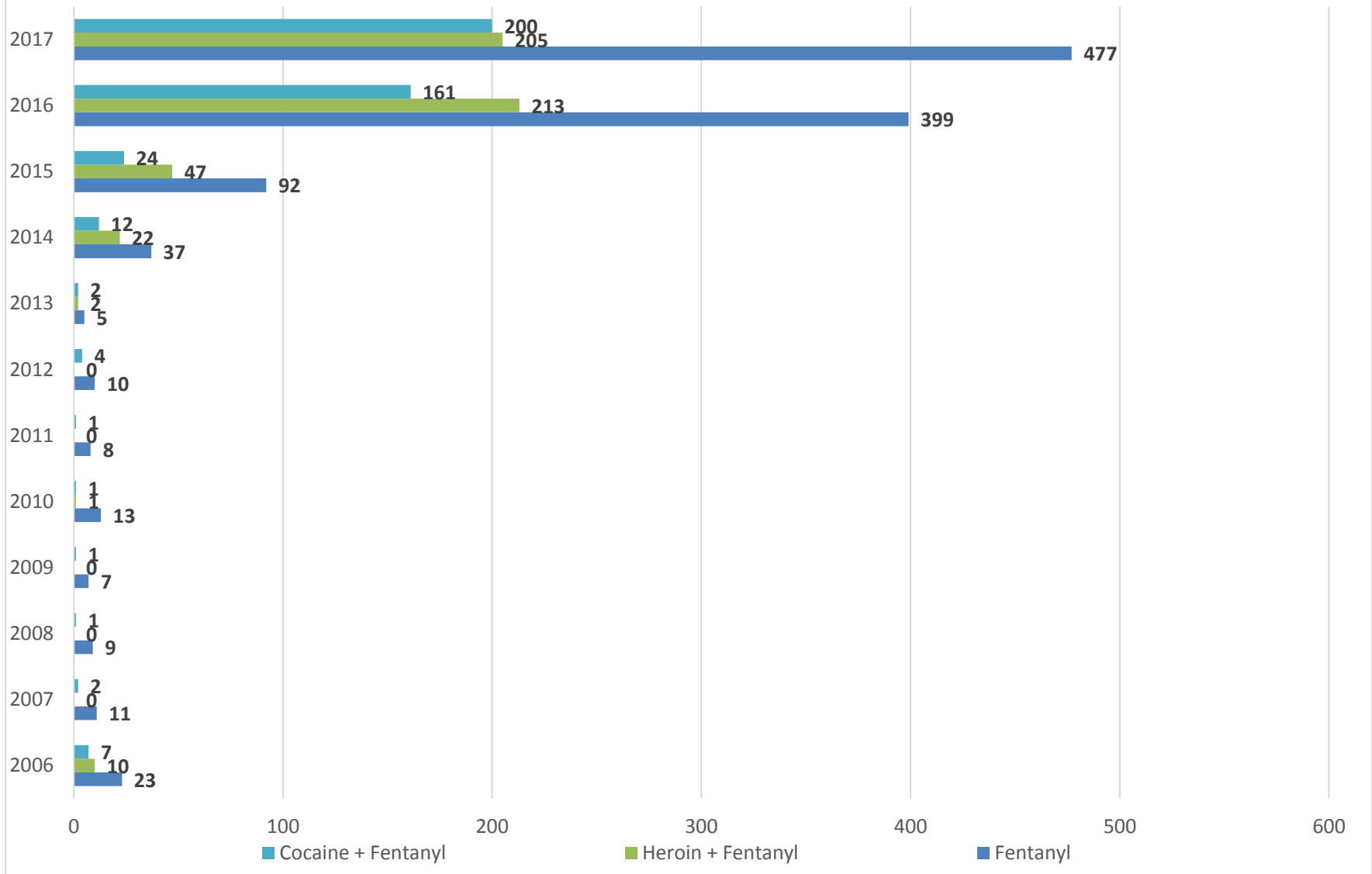
(Fentanyl analogues will be counted under Fentanyl Columns).



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

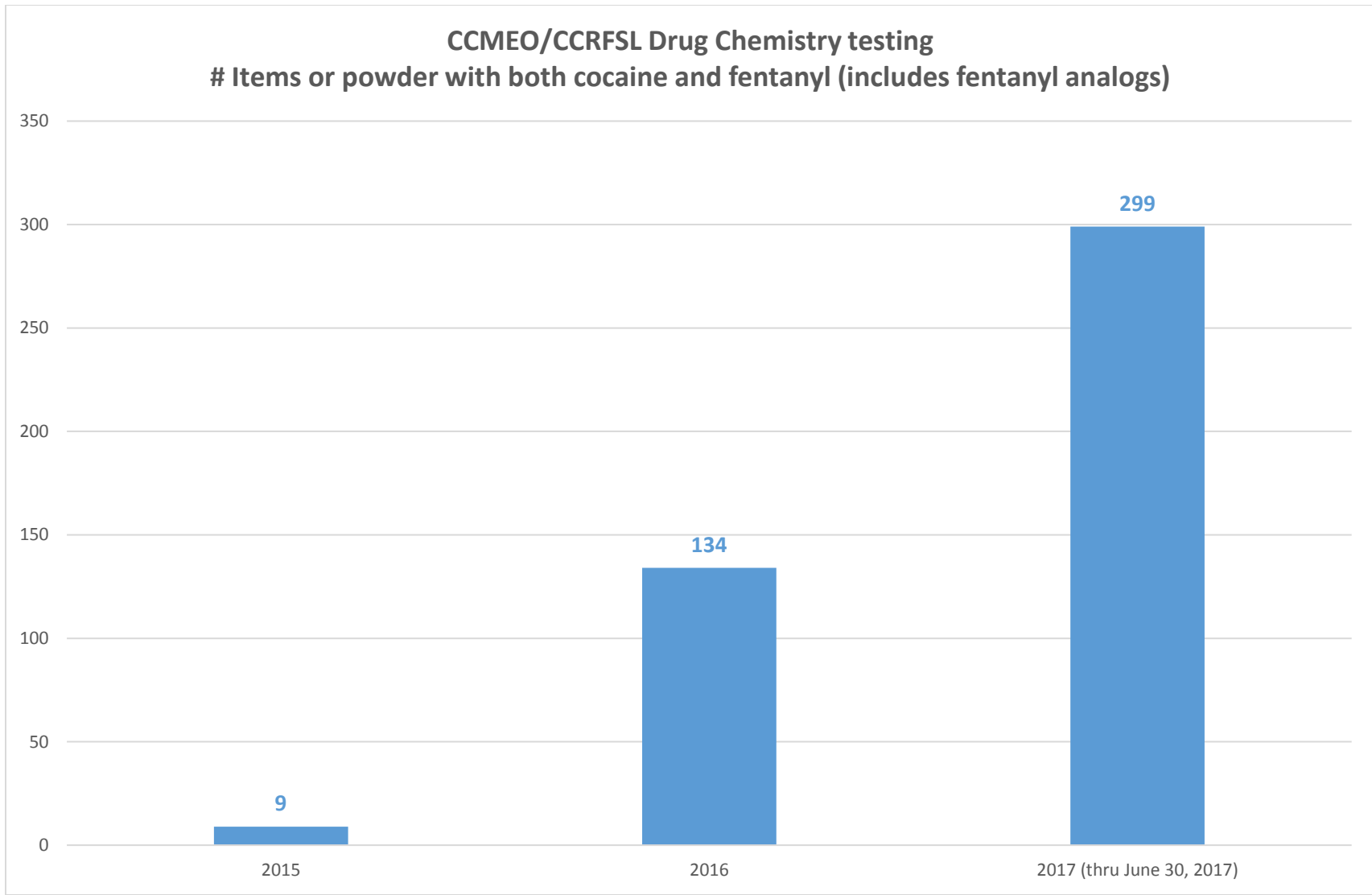


CCMEO, Proliferation of Fentanyl and Cocaine/Fentanyl mixtures in fatalities
2013-2017 (as of Dec. 31)



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

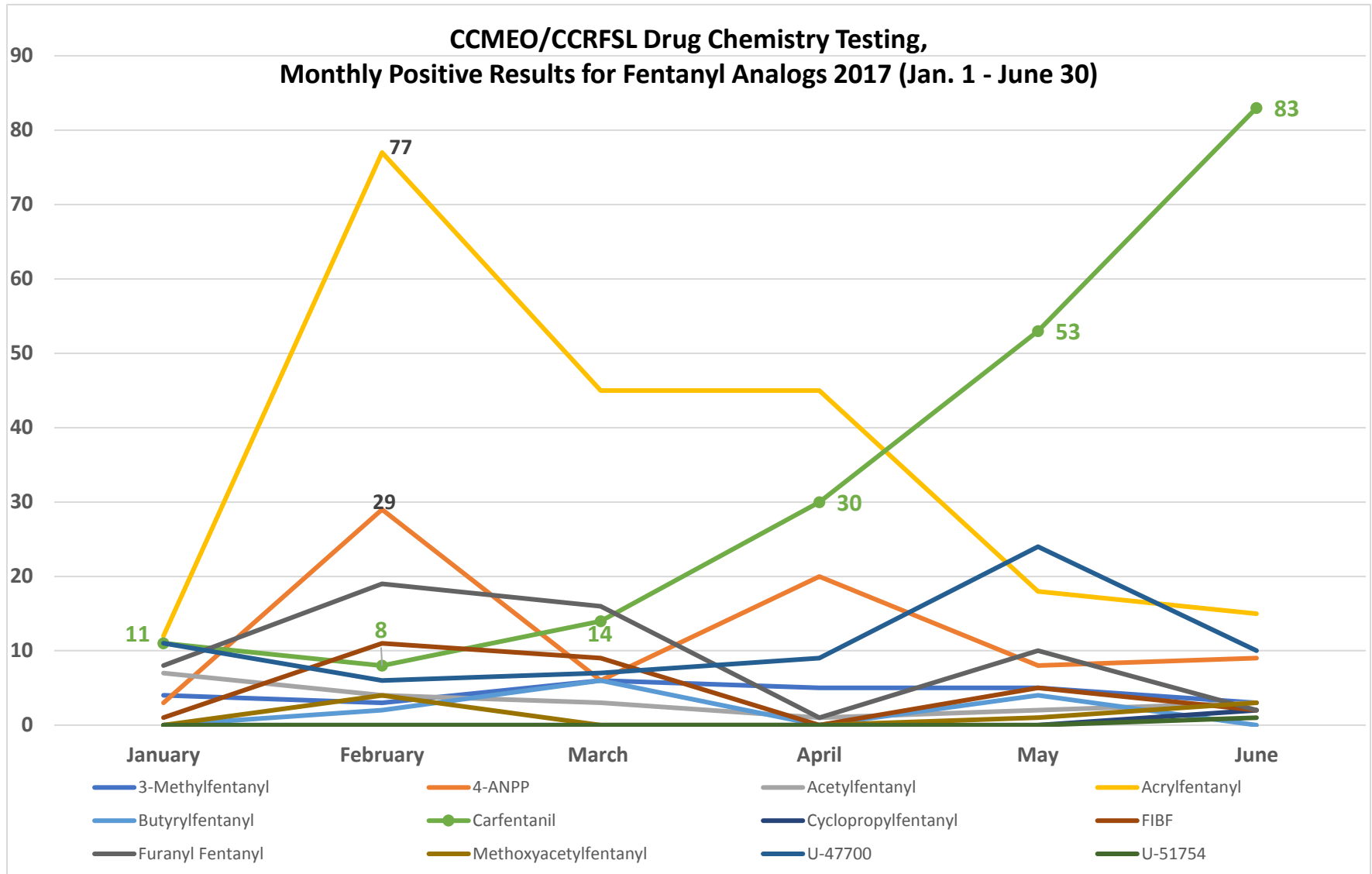




Source: Cuyahoga County Medical Examiner's Office revised 9-25-17



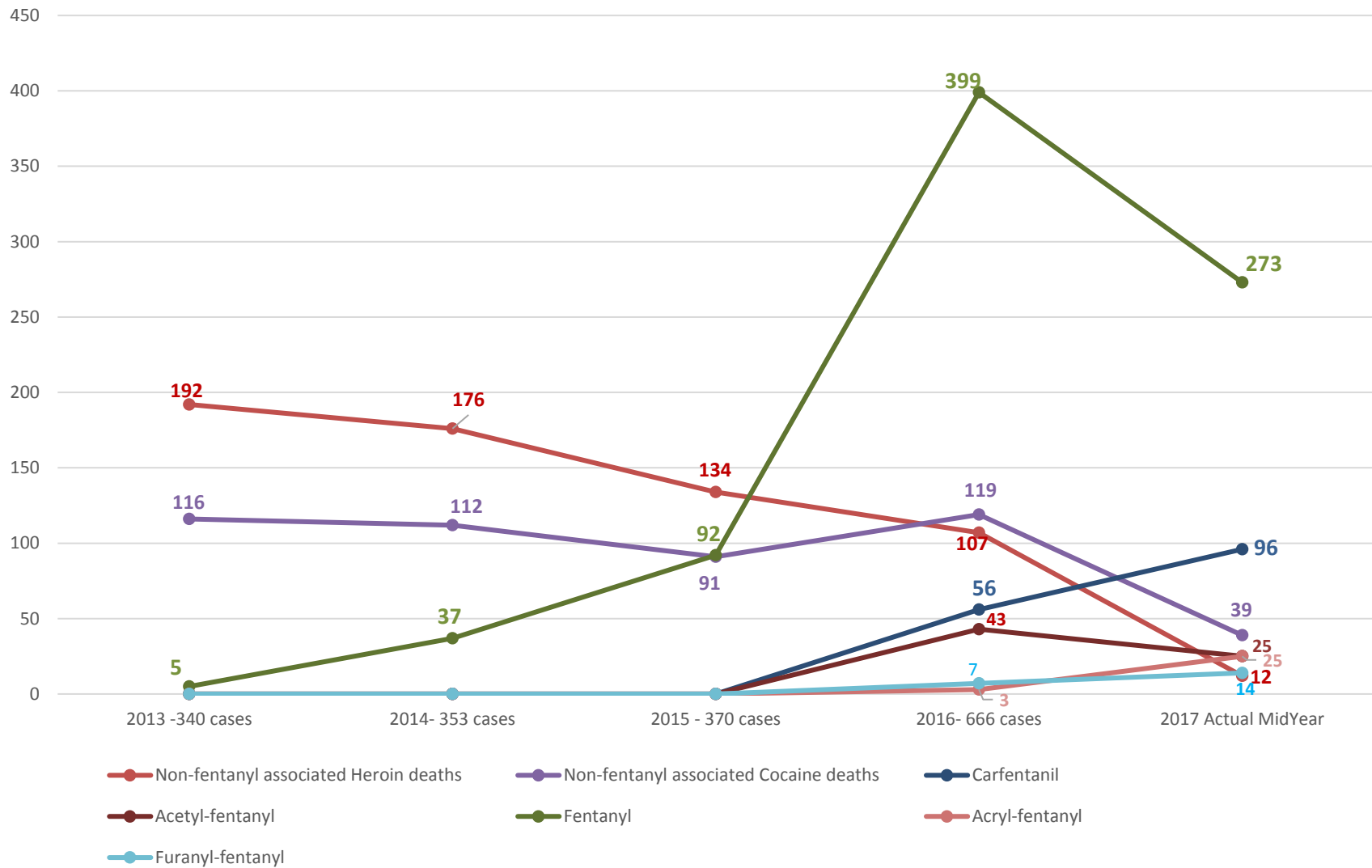
CCMEO/CCRFSL Drug Chemistry Testing, Monthly Positive Results for Fentanyl Analogs 2017 (Jan. 1 - June 30)



Source: Cuyahoga County Medical Examiner's Office revised 9-25-17



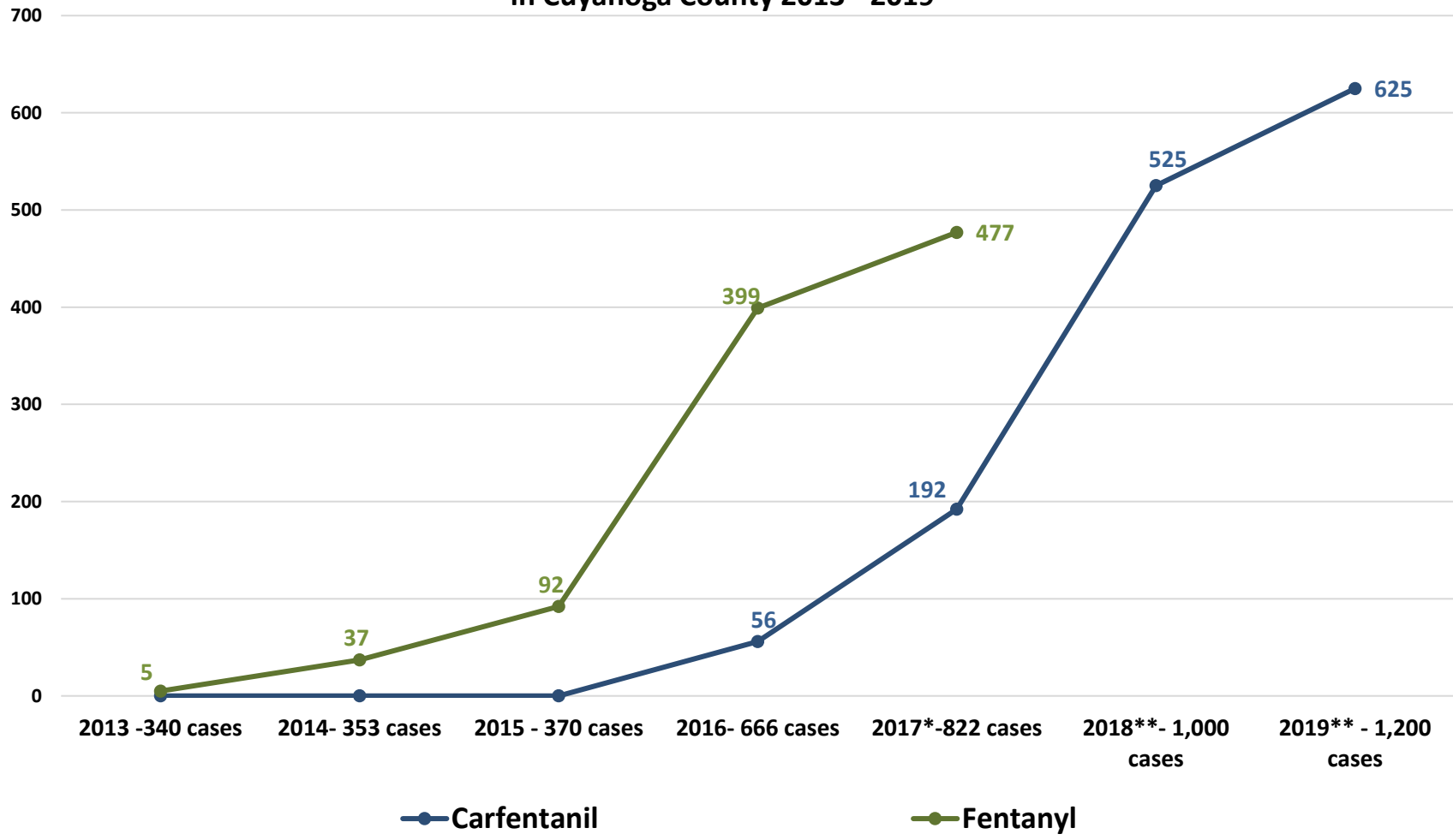
CCMEO/CCRFSL Fentanyl and It's Most Common Analogs, Overdose Deaths in Cuyahoga County 2013 - 2017 (*projected based on ruled cases through June 30, 2017)



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



**CCMEO/CCRFSL Fentanyl and Carfentanil
Future Trajectories for Overdose Deaths
in Cuyahoga County 2013 - 2019****



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

