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CUYAHOGA COUNTY

MEDICAL EXAMINER'S OFFICE

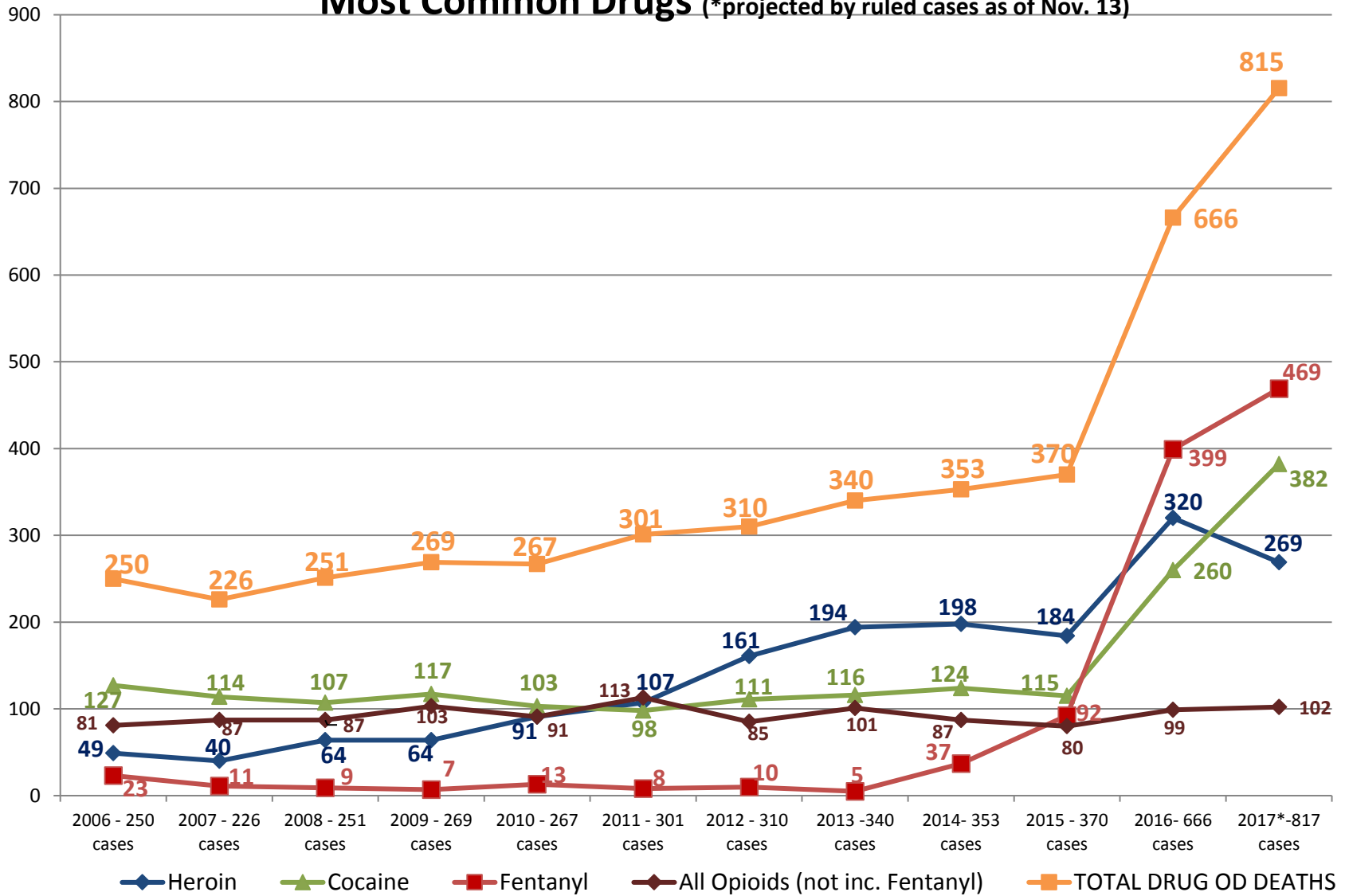
**Heroin/Fentanyl/Cocaine
Related Deaths in
Cuyahoga County**

2017 OCTOBER UPDATE

NOVEMBER 16, 2017

Cuyahoga County Overdose Deaths 2006-2017*

Most Common Drugs (*projected by ruled cases as of Nov. 13)



Source: Cuyahoga County Medical Examiner's Office revised 11-13-17



CURRENT PUBLIC HEALTH EMERGENCY – At least 18 fatalities since Nov. 1

Fatal Cases due to heroin/fentanyl/analogs in OCTOBER—at least 31 (33 cases pending additional testing)

18 - City of Cleveland Residents

13 - Suburban Residents- Bedford, Brook Park, Garfield Hts. (2), Lakewood, North Olmsted, Parma (3), South Euclid, Strongsville and (2) Out of County – Brunswick (Medina), West Salem (Mahoning).

VICTIMS

Victims' ages range from 23 – 63

23 Male victims; 8 Female victims

6 African American victims; 25 Caucasian victims (3 Hispanic victims)

TRENDS

At least **454** victims have died from heroin/fentanyl/analog or in combination in 2017. This compares to 412 through end of October 2016. Deaths in 2017 total at least **602** fatalities when including cocaine as well.

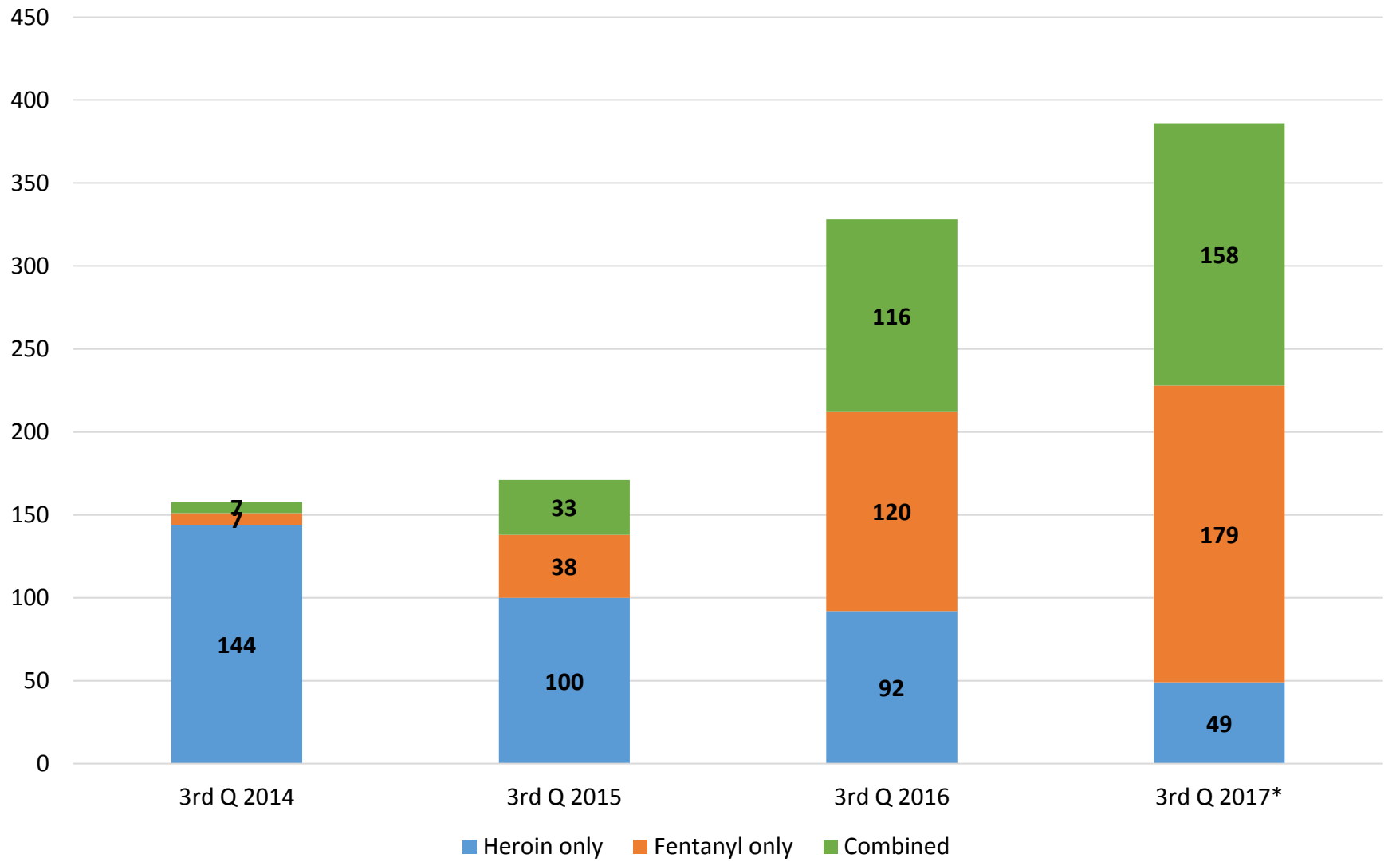
Carfentanil: 56 CONFIRMED FATAL CASES in 2016; 101 CONFIRMED as of 11/15 in 2017

Rate of African American deaths involving fentanyl is 19.4% of all victims, a significantly higher rate than 2016 (14.5%). At least 33 cocaine related deaths occurred in October (at least 316 for 2017), with at least 12 being mixed with Fentanyl, Heroin or both (at least 171 for the year).

*Source: Cuyahoga County Medical
Examiner's Office revised 11-13-17*



CCMEO Heroin, Fentanyl and Heroin/Fentanyl Combination Deaths (*2017 through Oct. 5, 2017)



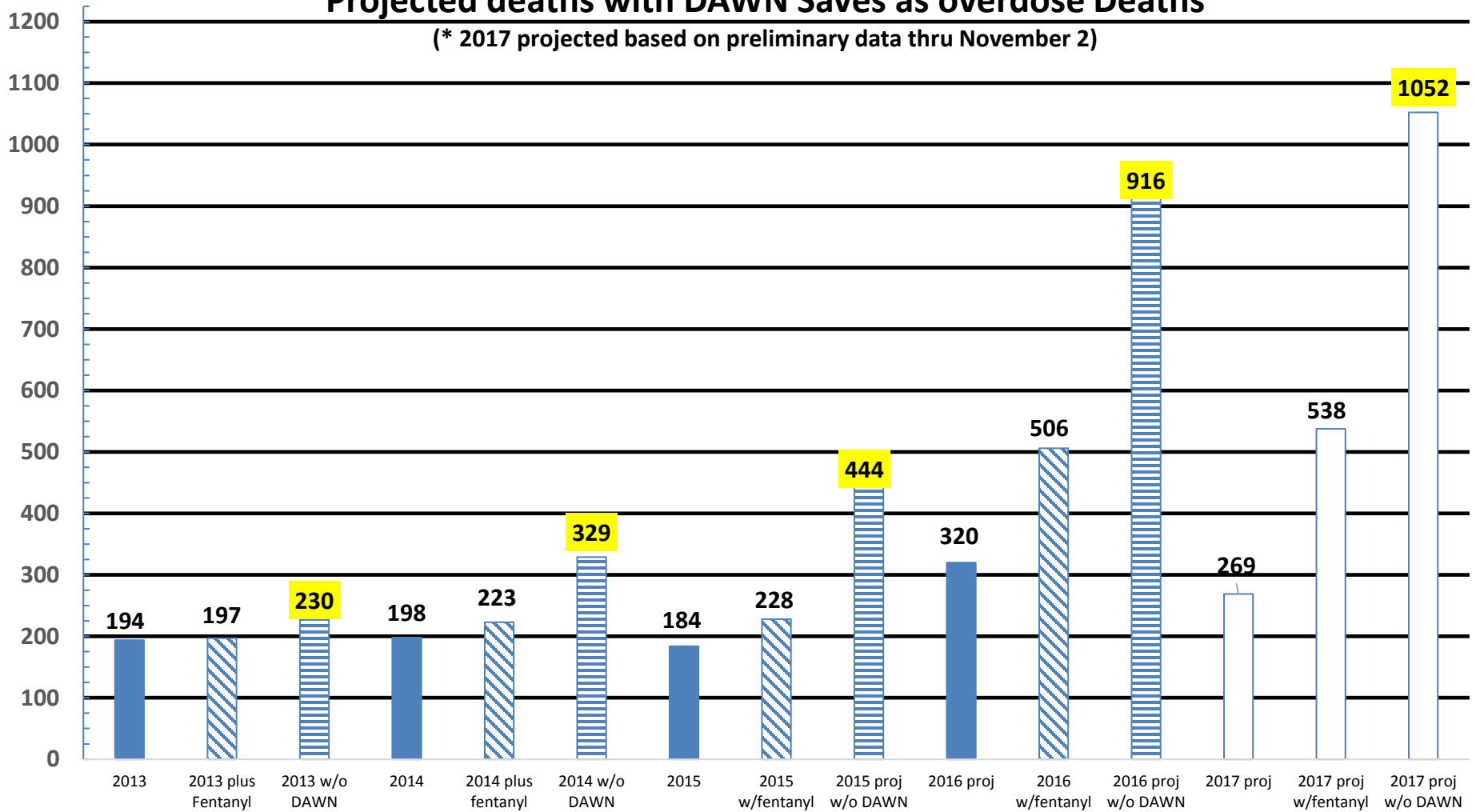
Source: Cuyahoga County Medical Examiner's Office revised 10-5-17



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

Projected deaths with DAWN Saves as overdose Deaths

(* 2017 projected based on preliminary data thru November 2)

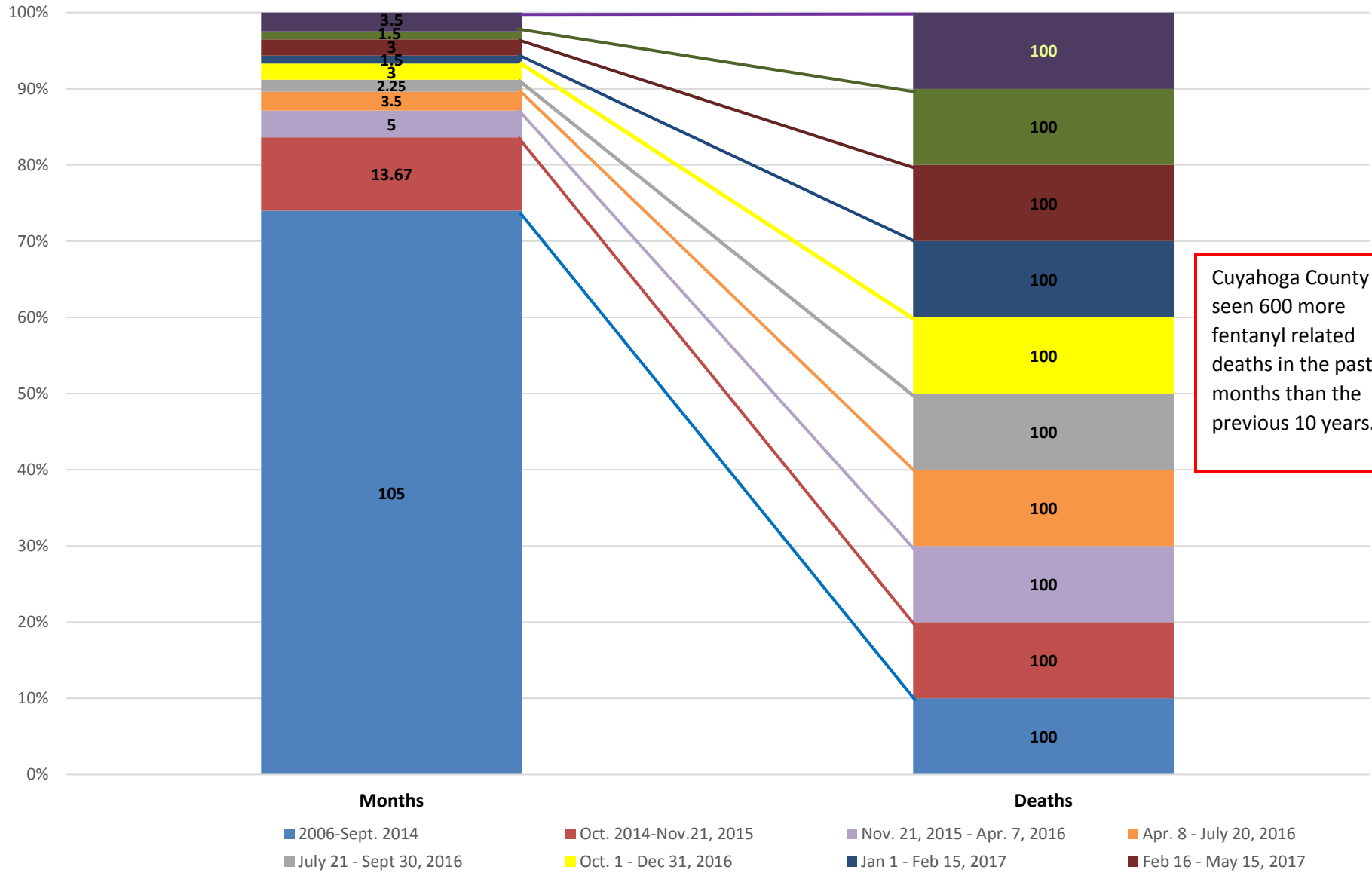


Source: Cuyahoga County Medical Examiner's Office revised 11-3-17

DAWN includes all documented naloxone saves through DAWN including police reversals. Does not include EMS administration (nearly 1,000 in 2015, and over 2,000 thru October 2016). No 2017 EMS data yet.



Cuyahoga County Fentanyl Deaths 2006-2017



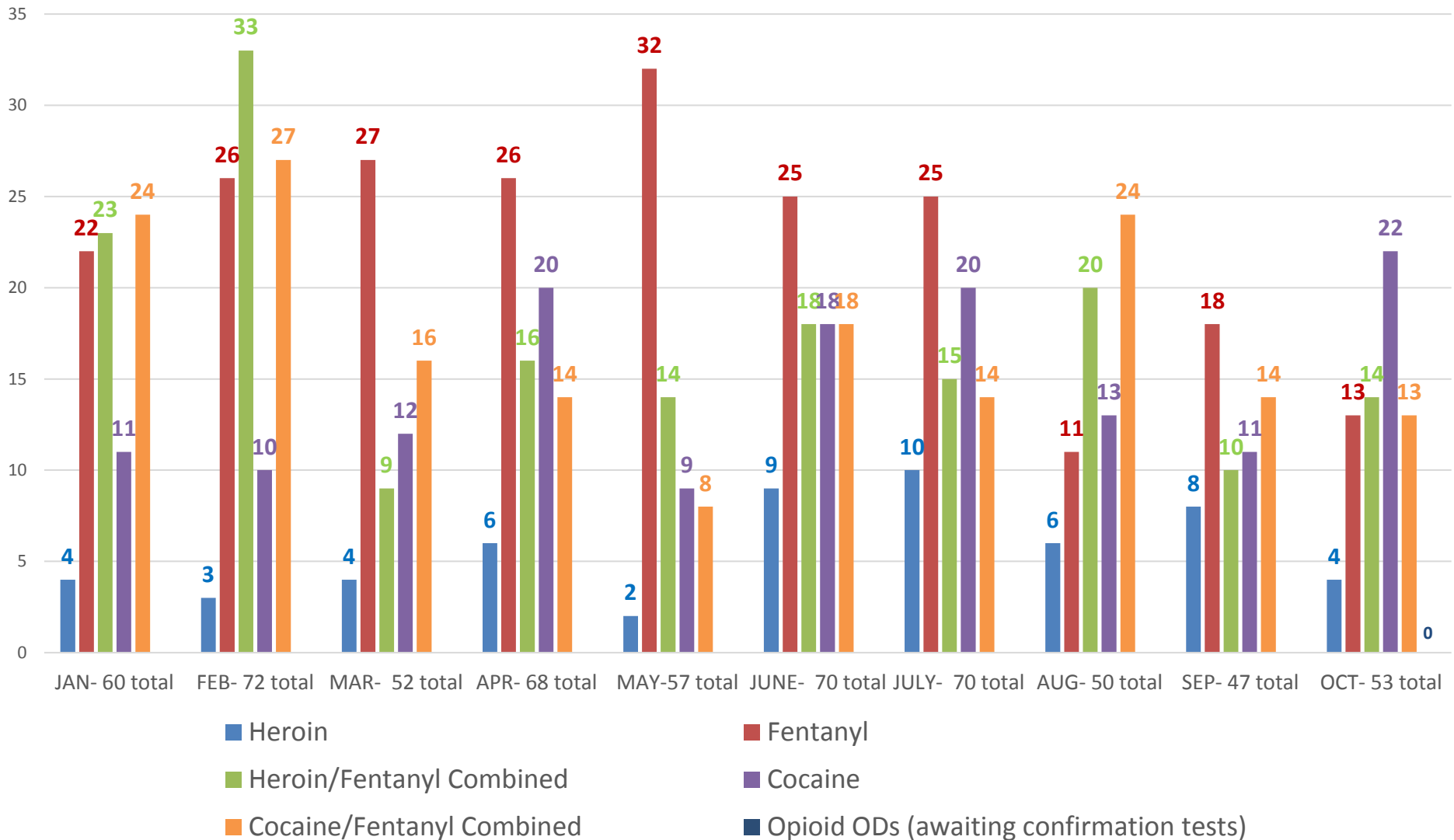
Cuyahoga County has seen 600 more fentanyl related deaths in the past 24 months than the previous 10 years.

Source: Cuyahoga County Medical Examiner's Office revised 10-20-17



2017 CCMEO Overdose Deaths, Most Common Drugs Involved

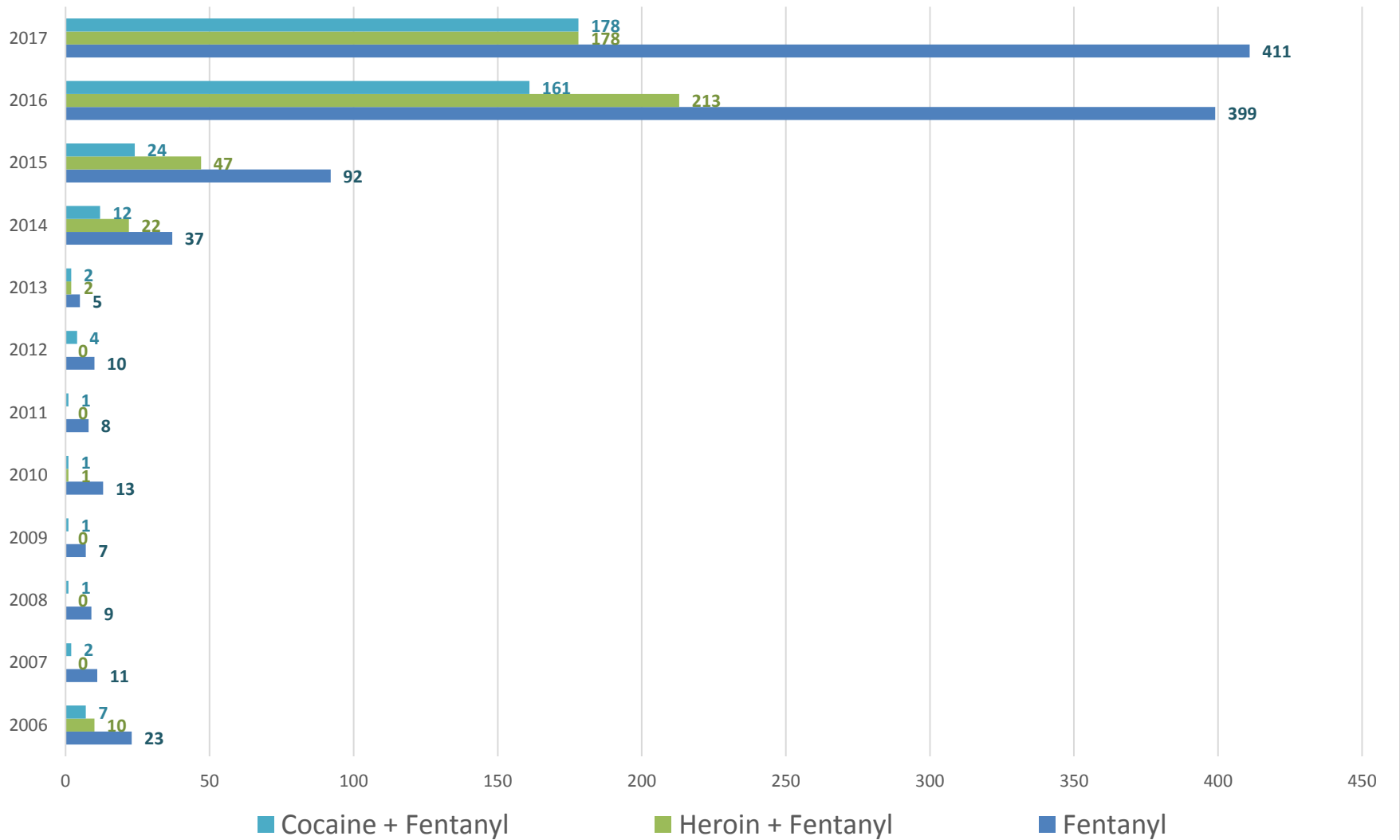
Combined is heroin and fentanyl in some combination (Fentanyl analogues will be counted under Fentanyl Columns).



Source: Cuyahoga County Medical Examiner's Office revised 11-3-17



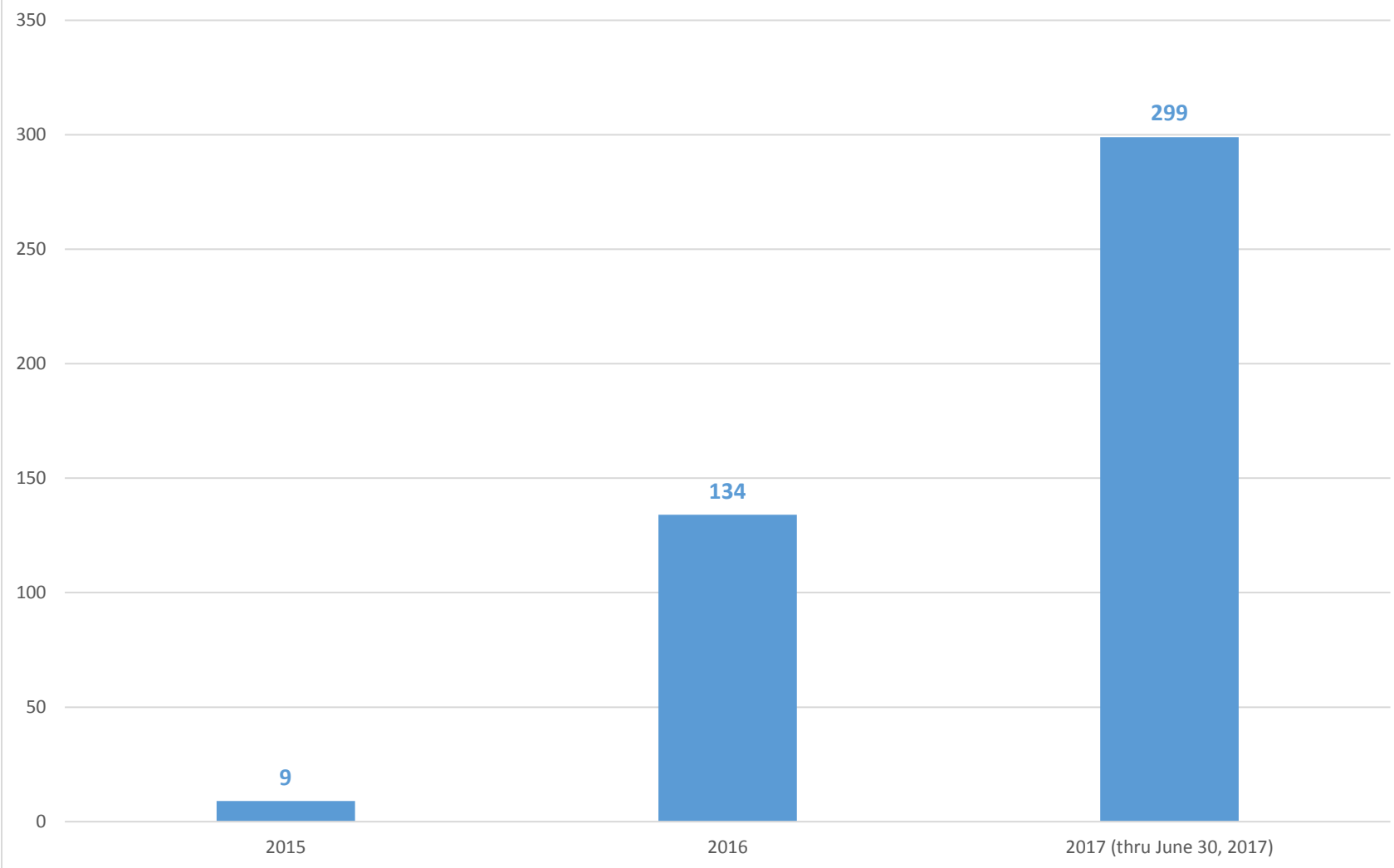
CCMEO, Proliferation of Fentanyl and Cocaine/Fentanyl mixtures in fatalities
2013-2017 (as of Nov. 2)



Source: Cuyahoga County Medical Examiner's Office revised 11-13-17

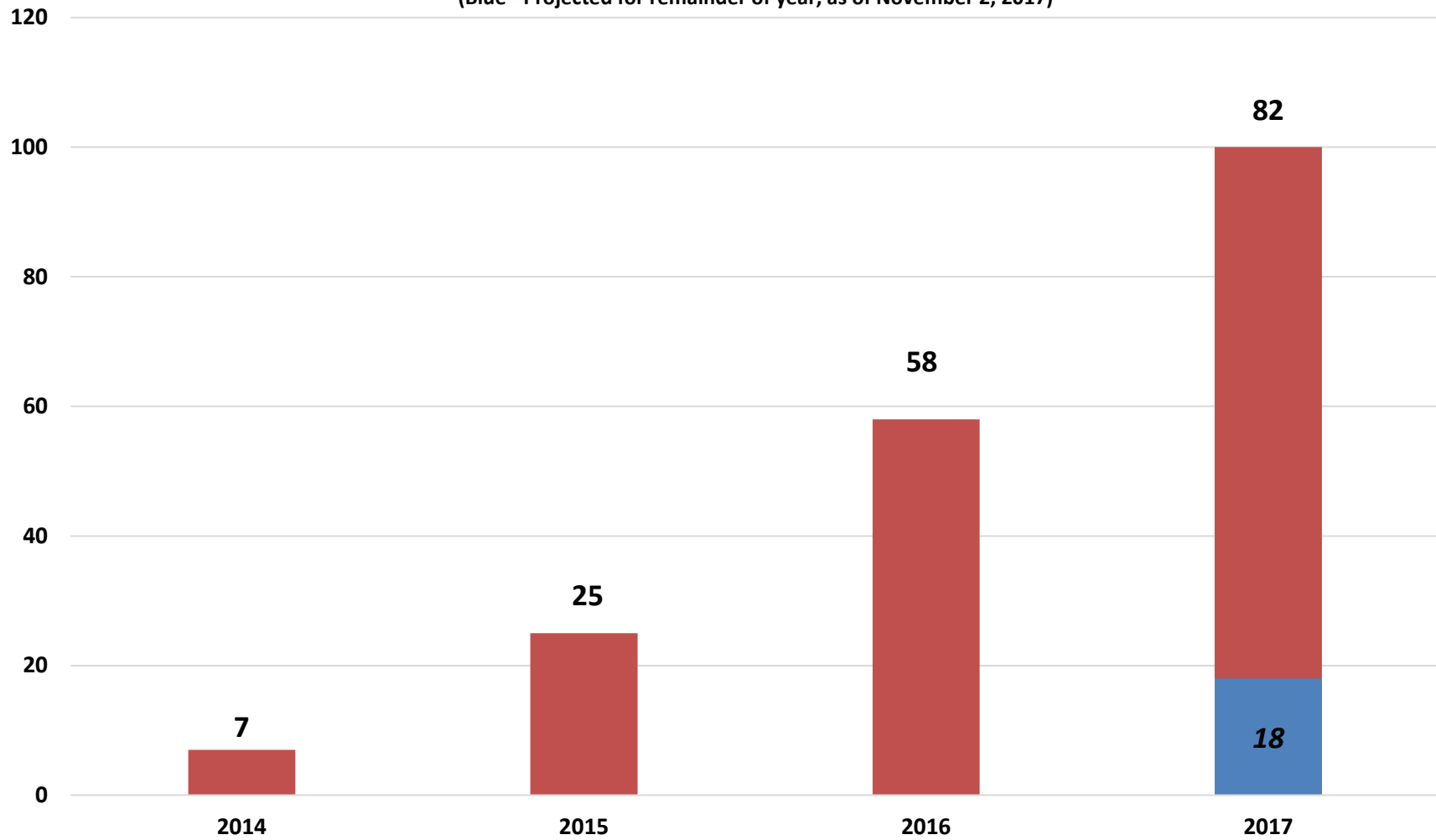


CCMEO/CCRFSL Drug Chemistry testing
Items or powder with both cocaine and fentanyl (includes fentanyl analogs)



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

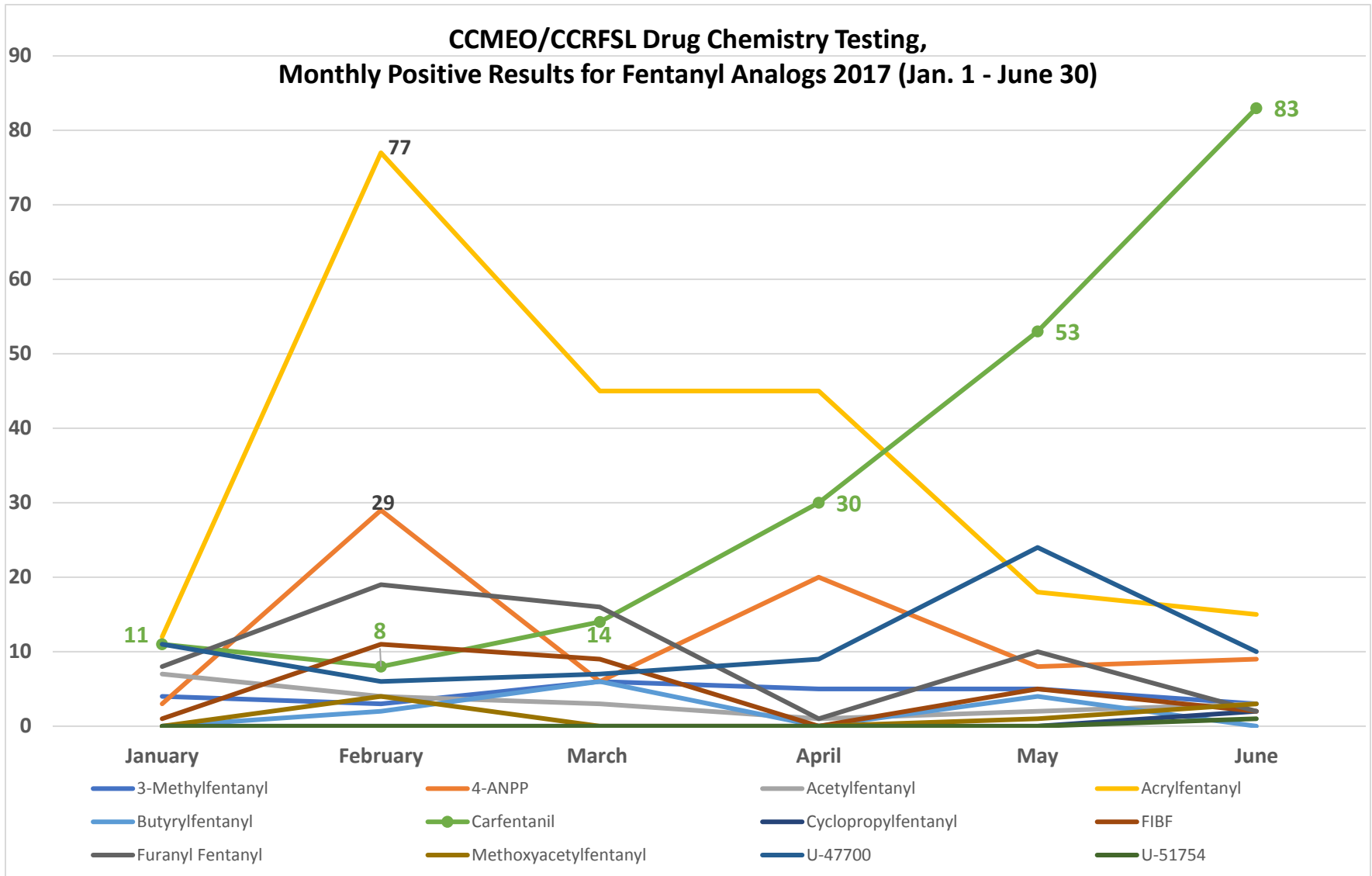
**CCMEO Fentanyl-related fatalities among
African Americans 2014-2017***
(Blue - Projected for remainder of year, as of November 2, 2017)



Source: Cuyahoga County Medical Examiner's Office revised 11-3-17



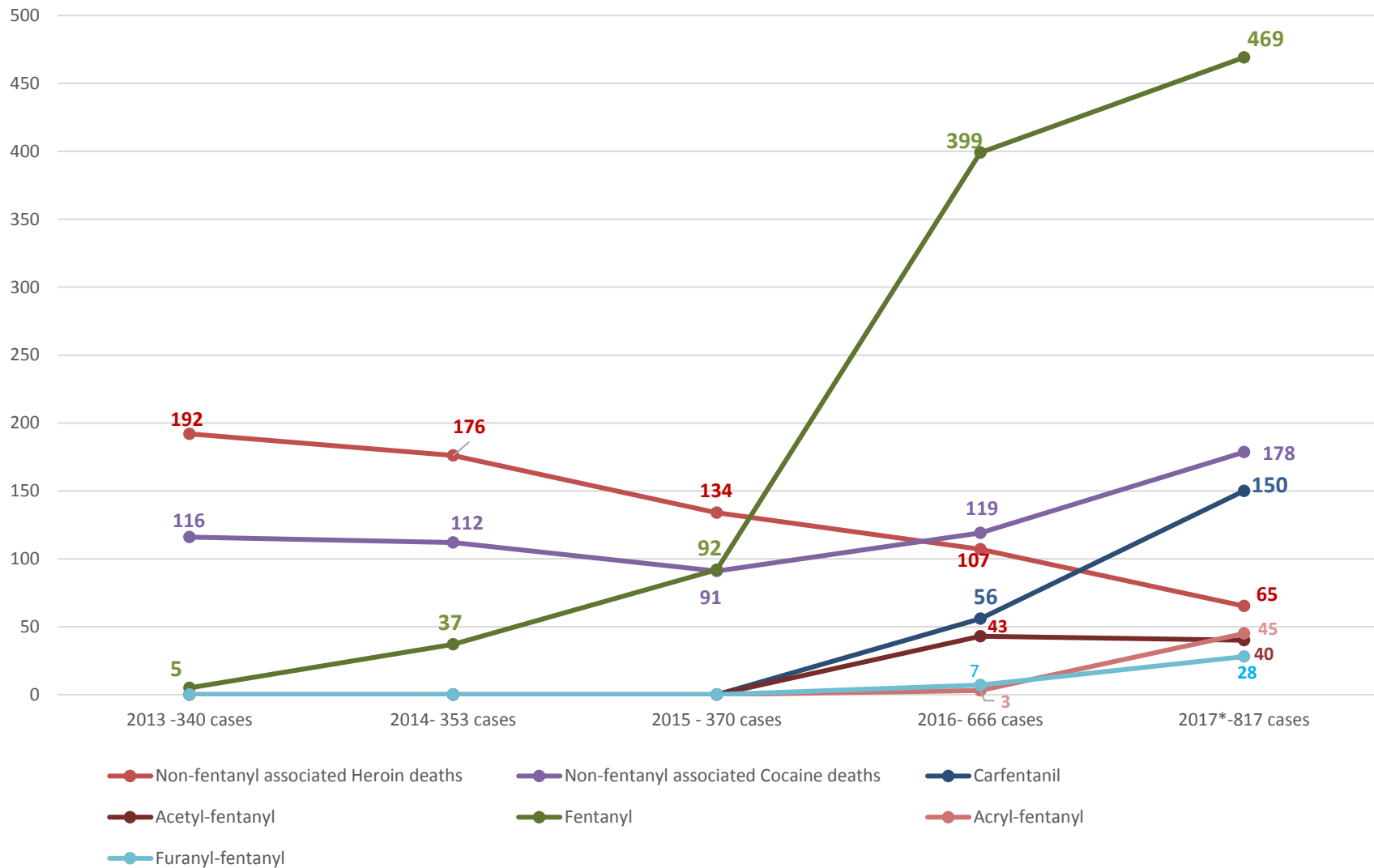
CCMEO/CCRFSL Drug Chemistry Testing, Monthly Positive Results for Fentanyl Analogs 2017 (Jan. 1 - June 30)



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



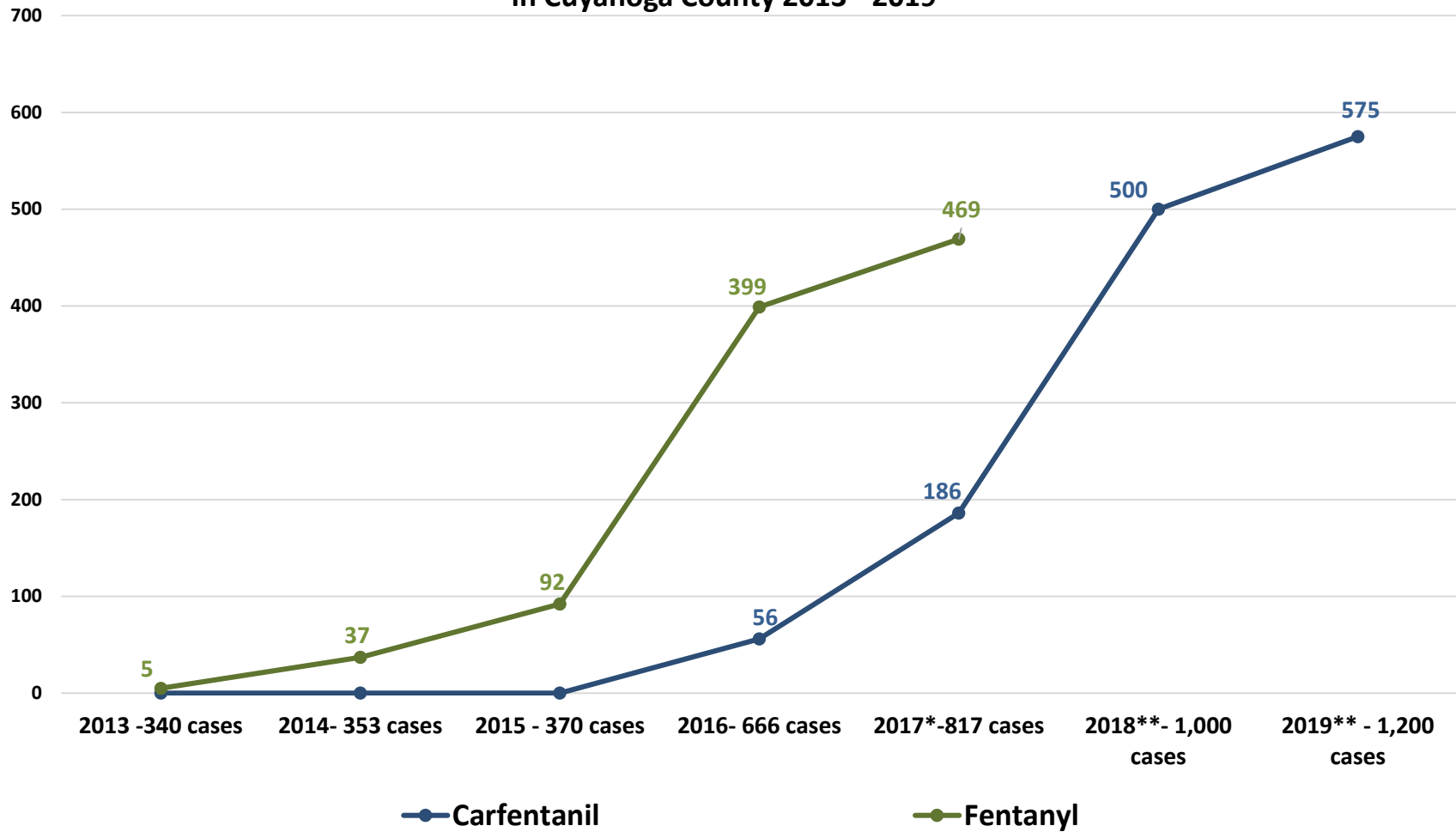
CCMEO/CCRFSL Fentanyl and It's Most Common Analogs, Overdose Deaths in Cuyahoga County 2013 - 2017 (*projected based on ruled cases through June 30, 2017)



Source: Cuyahoga County Medical Examiner's Office revised 11-3-17



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



Source: Cuyahoga County Medical Examiner's Office revised 11-13-17

