



Thomas P. Gilson, M.D.

11001 Cedar Avenue, Cleveland, Ohio 44106

A National Association of Medical Examiner's (N.A.M.E.) accredited office



CUYAHOGA COUNTY

MEDICAL EXAMINER'S OFFICE

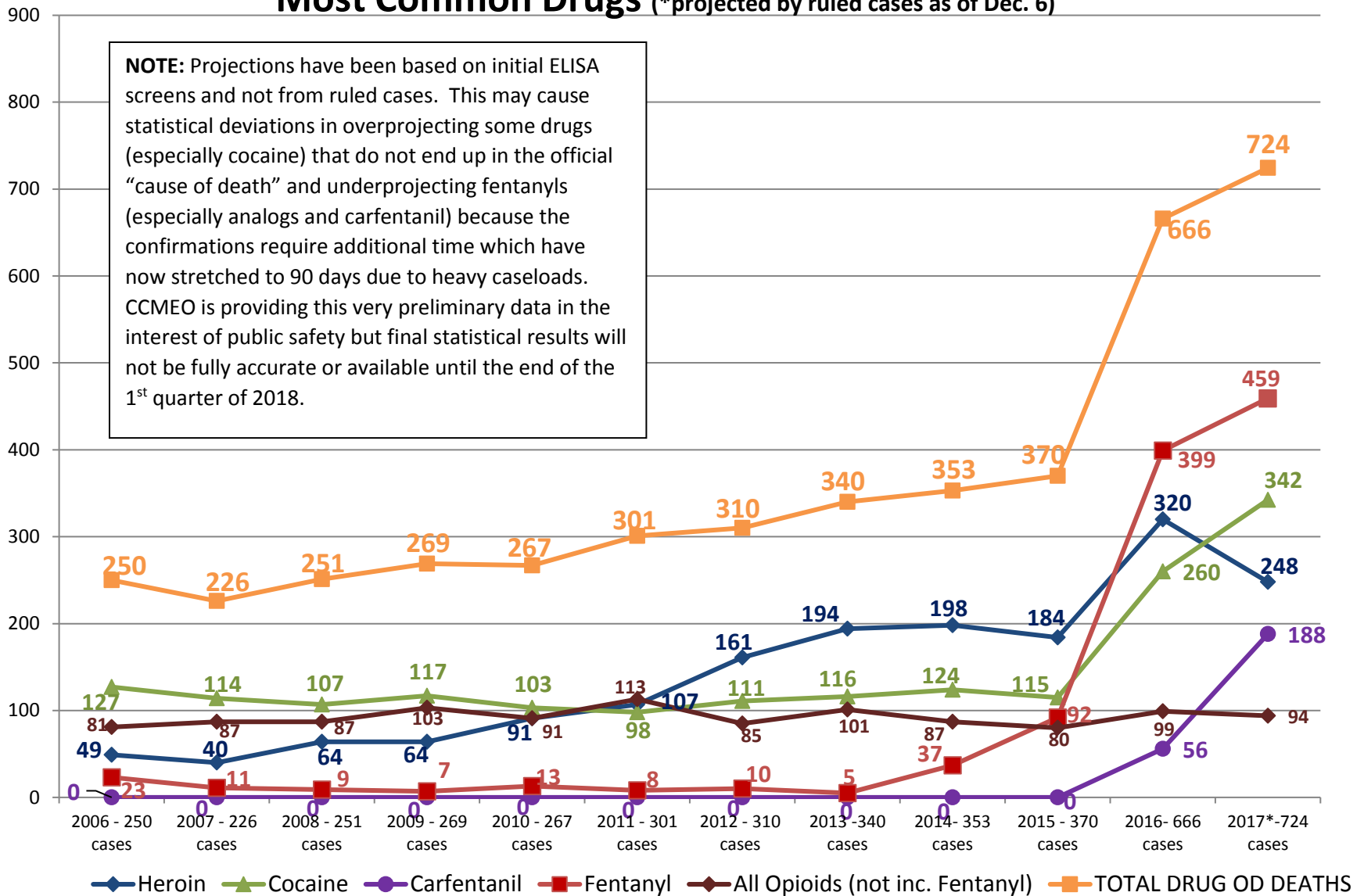
**Heroin/Fentanyl/Cocaine
Related Deaths in
Cuyahoga County**

2017 NOVEMBER UPDATE

DECEMBER 7, 2017

Cuyahoga County Overdose Deaths 2006-2017*

Most Common Drugs (*projected by ruled cases as of Dec. 6)



Source: Cuyahoga County Medical Examiner's Office revised 12-6-17



CURRENT PUBLIC HEALTH EMERGENCY – At least 10 fatalities since DEC. 1

Fatal Cases due to heroin/fentanyl/analogs in NOVEMBER—at least 30 (44 cases pending additional testing)

17 - City of Cleveland Residents

12 - Suburban Residents- Berea, East Cleveland, Euclid, Lakewood (3), Maple Hts., Parma Hts. and (3) Out of County – Eastlake, Madison (Lake) and Chunchula (Alabama).

VICTIMS

Victims' ages range from 26 – 70

24 Male victims; 6 Female victims

7 African American victims; 23 Caucasian victims (2 Hispanic victims)

TRENDS

At least **468** victims have died from heroin/fentanyl/analog or in combination in 2017. This compares to 458 through end of November 2016. 2017 total at least **650** fatalities when including cocaine as well.

Carfentanil: 56 CONFIRMED FATAL CASES in 2016; 128 CONFIRMED as of 12/6 in 2017

Rate of African American deaths involving fentanyl is 18.5% of all victims, a higher rate than 2016 (14.5%). At least 33 cocaine related deaths occurred in November (at least 351 for 2017), with at least 11 being mixed with Fentanyl, Heroin or both (at least 185 for the year).

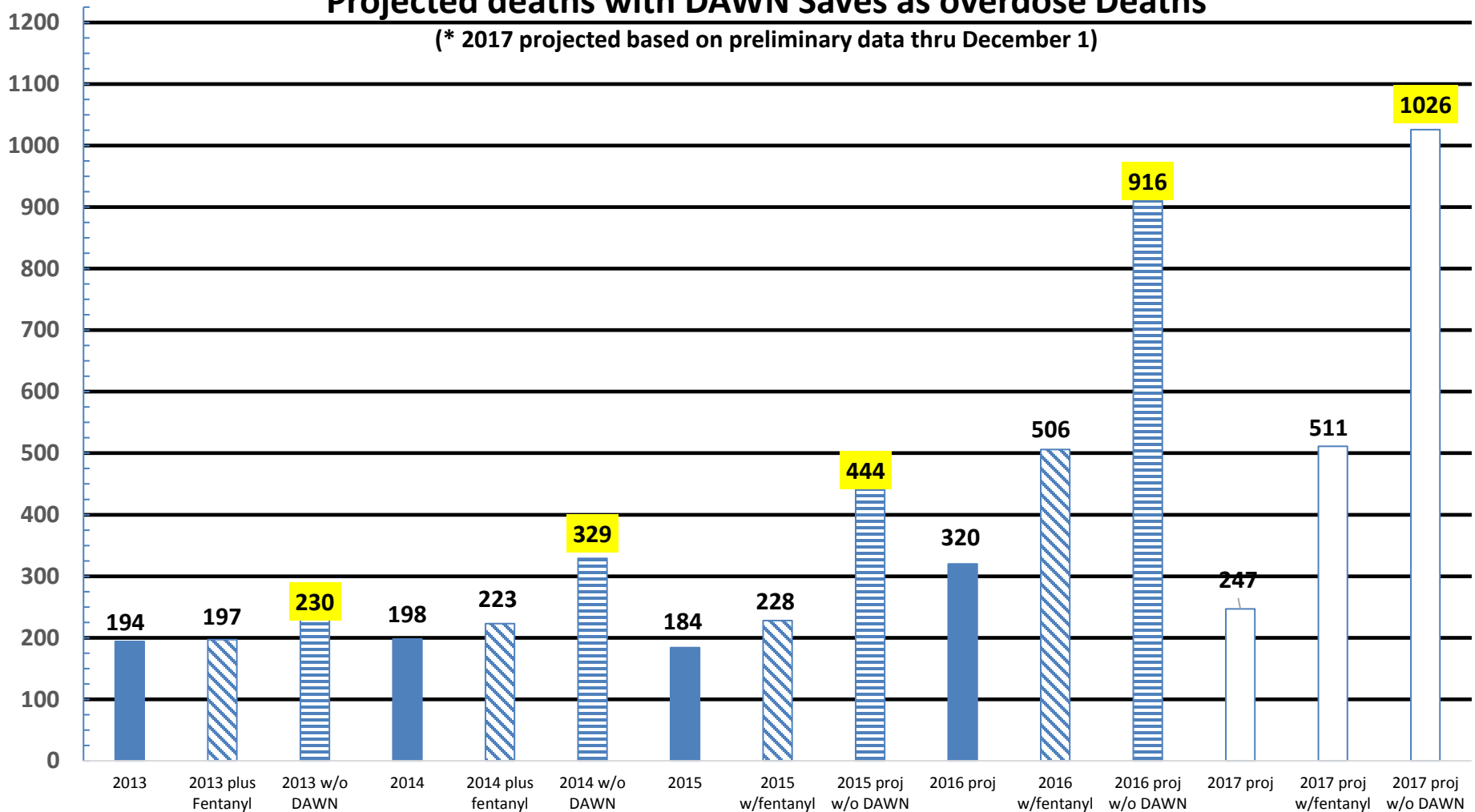
*Source: Cuyahoga County Medical
Examiner's Office revised 12-6-17*



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

Projected deaths with DAWN Saves as overdose Deaths

(* 2017 projected based on preliminary data thru December 1)

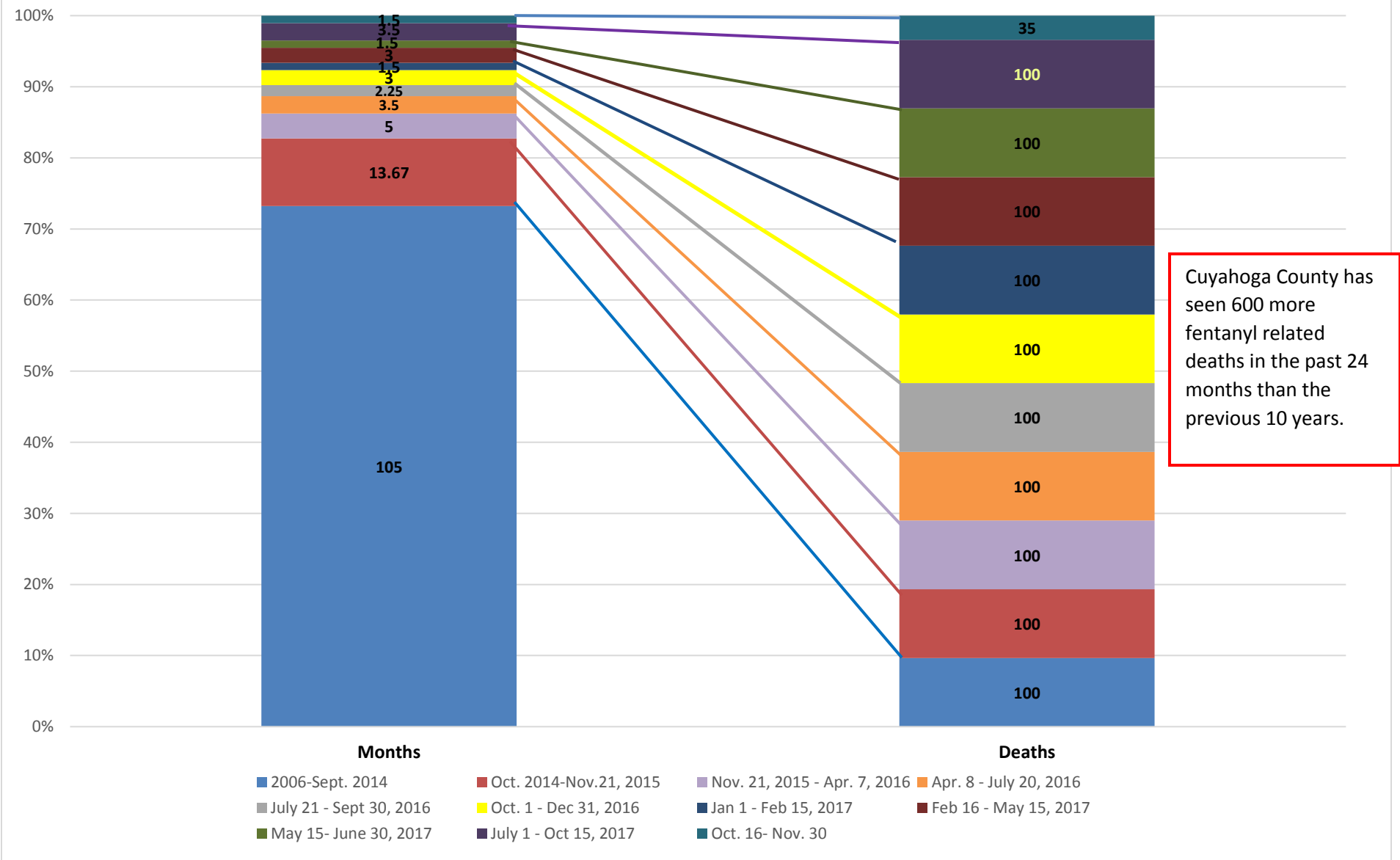


Source: Cuyahoga County Medical Examiner's Office revised 12-6-17

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



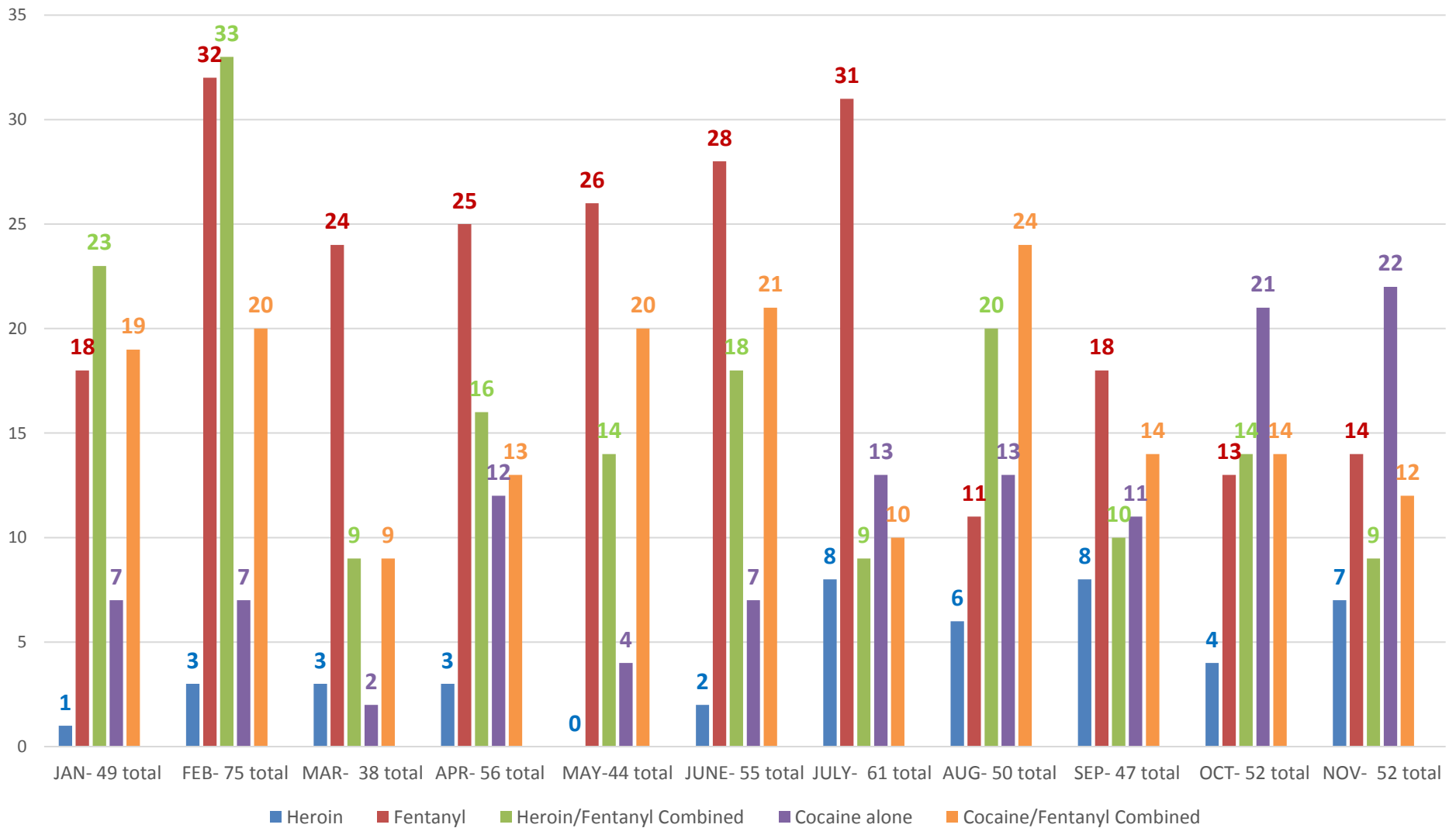
Cuyahoga County has seen 600 more fentanyl related deaths in the past 24 months than the previous 10 years.

Source: Cuyahoga County Medical Examiner's Office revised 12-1-17



2017 CCMEO Overdose Deaths, Most Common Drugs Involved

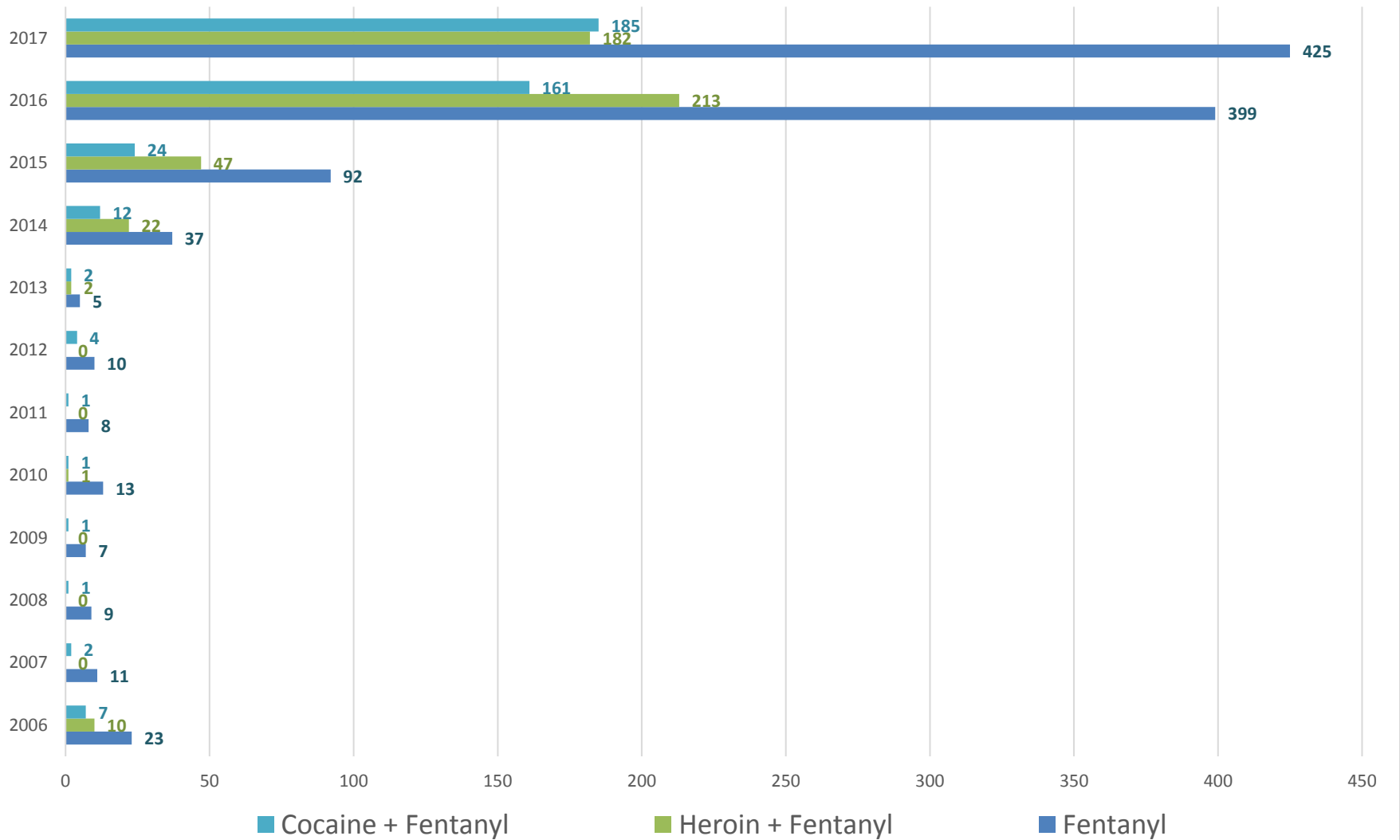
(Fentanyl analogues will be counted under Fentanyl Columns)



Source: Cuyahoga County Medical Examiner's Office revised 12-6-17



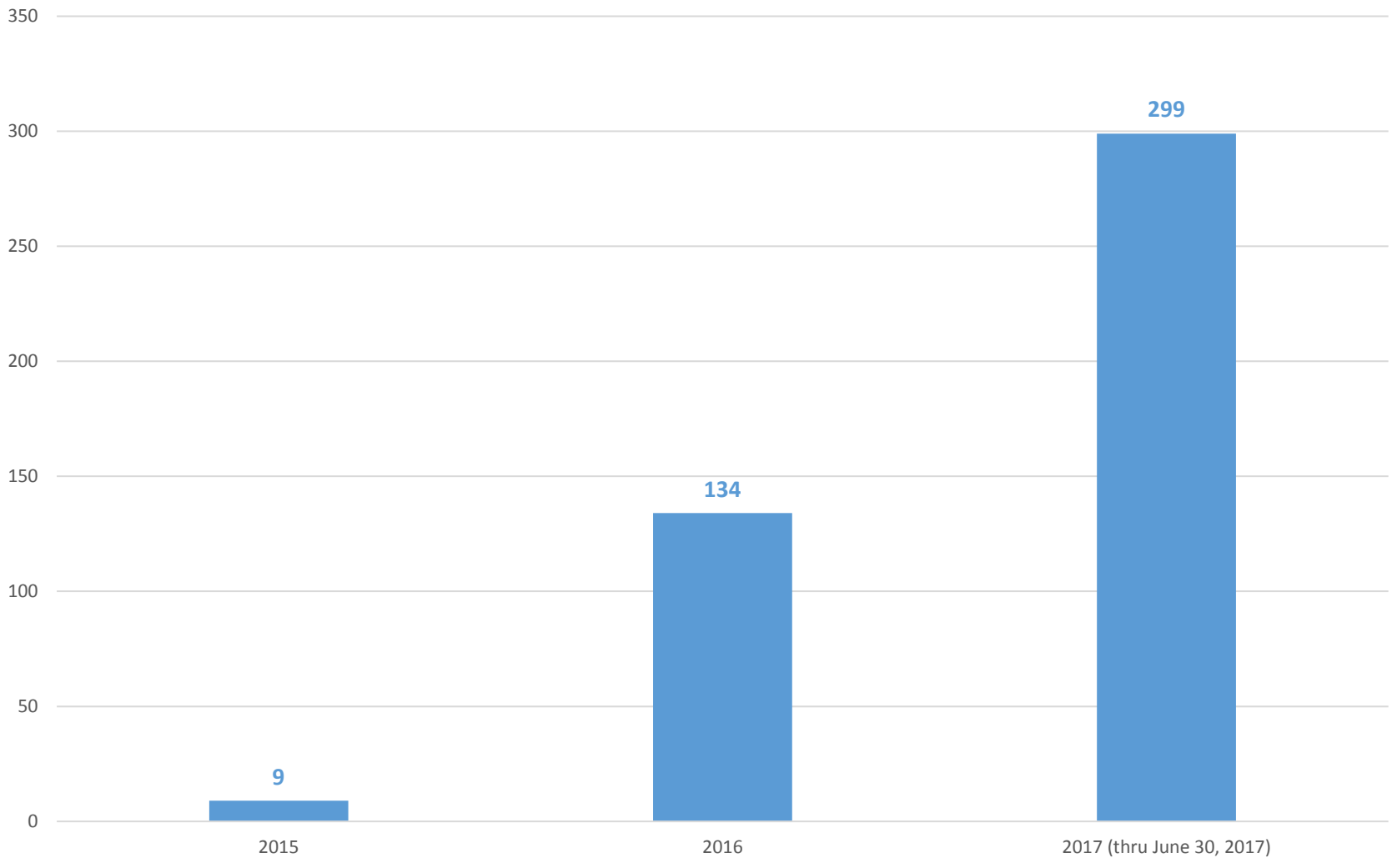
CCMEO, Proliferation of Fentanyl and Cocaine/Fentanyl mixtures in fatalities
2013-2017 (as of Dec. 6)



Source: Cuyahoga County Medical Examiner's Office revised 12-6-17

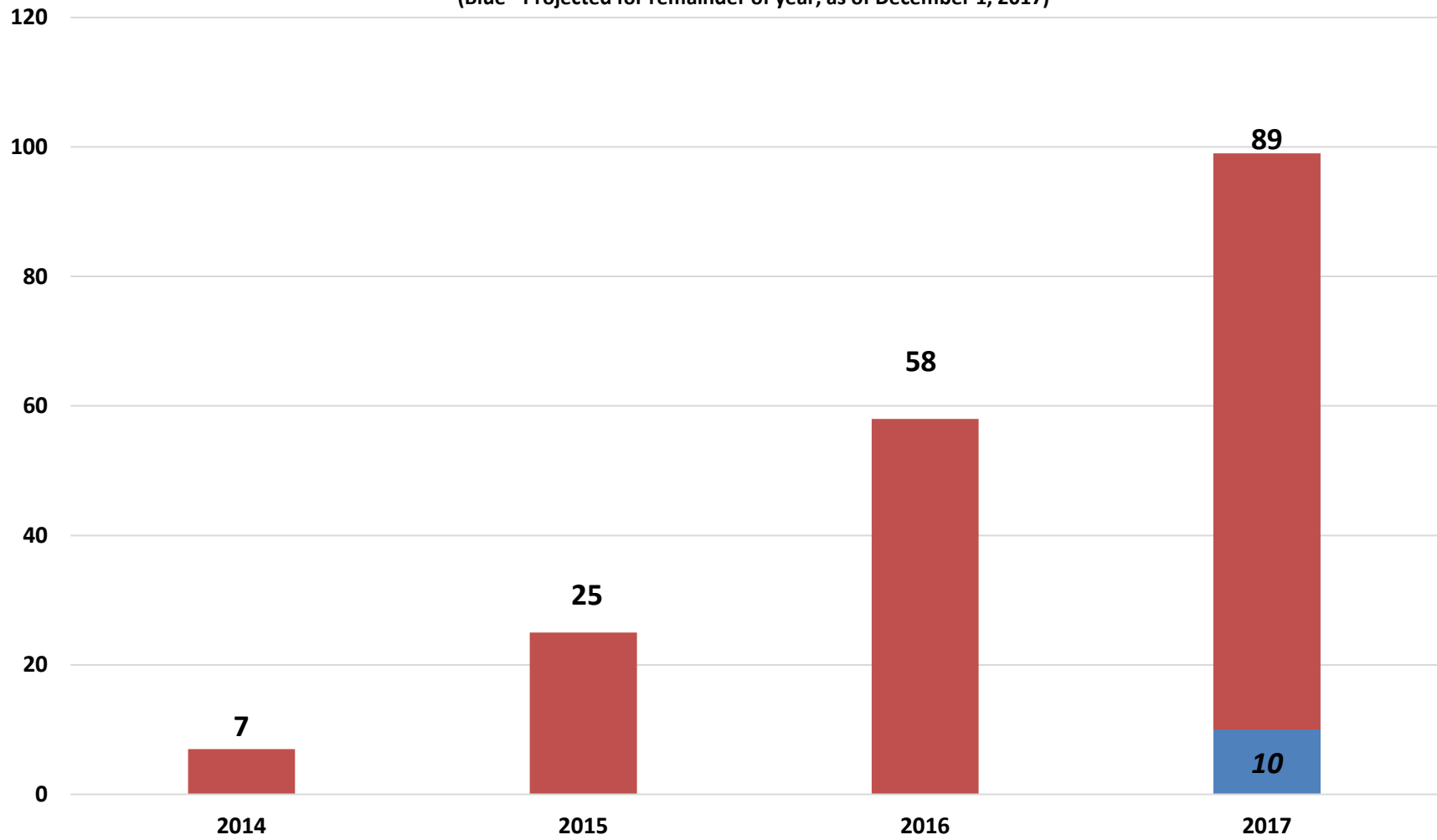


CCMEO/CCRFSL Drug Chemistry testing
Items or powder with both cocaine and fentanyl (includes fentanyl analogs)



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

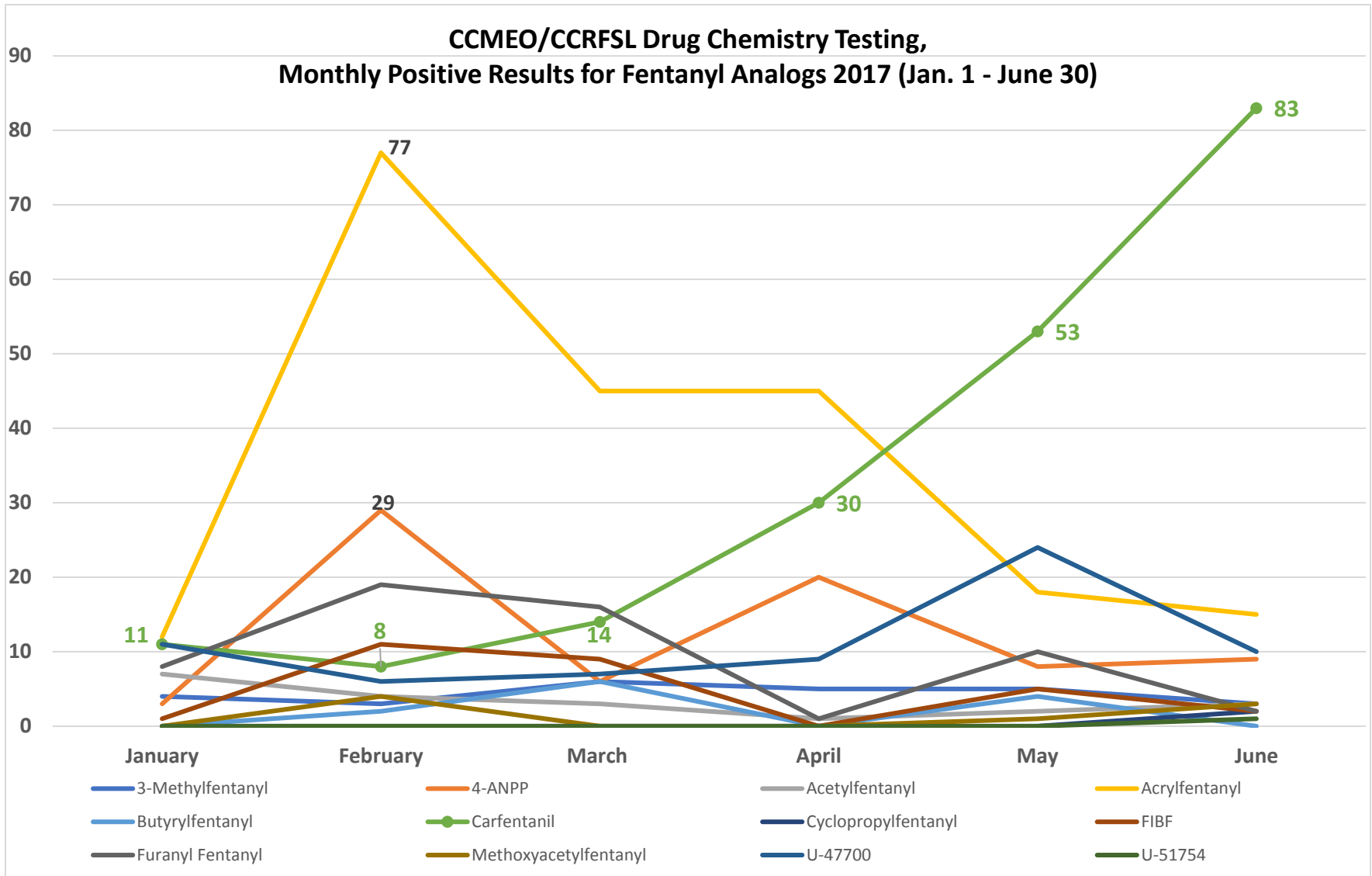
CCMEO Fentanyl-related fatalities among African Americans 2014-2017*
(Blue - Projected for remainder of year, as of December 1, 2017)



Source: Cuyahoga County Medical Examiner's Office revised 12-1-17



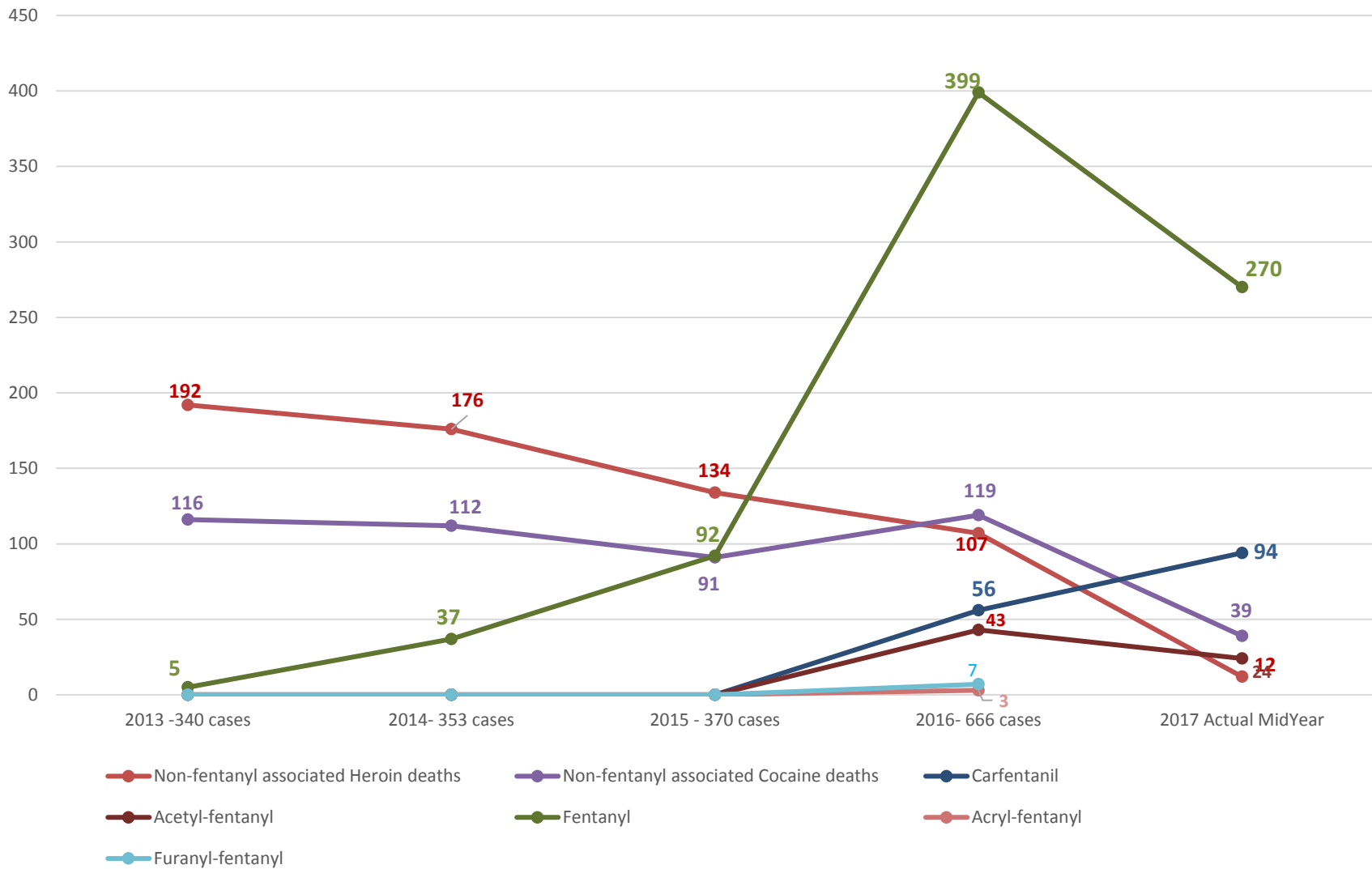
CCMEO/CCRFSL Drug Chemistry Testing, Monthly Positive Results for Fentanyl Analogs 2017 (Jan. 1 - June 30)



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



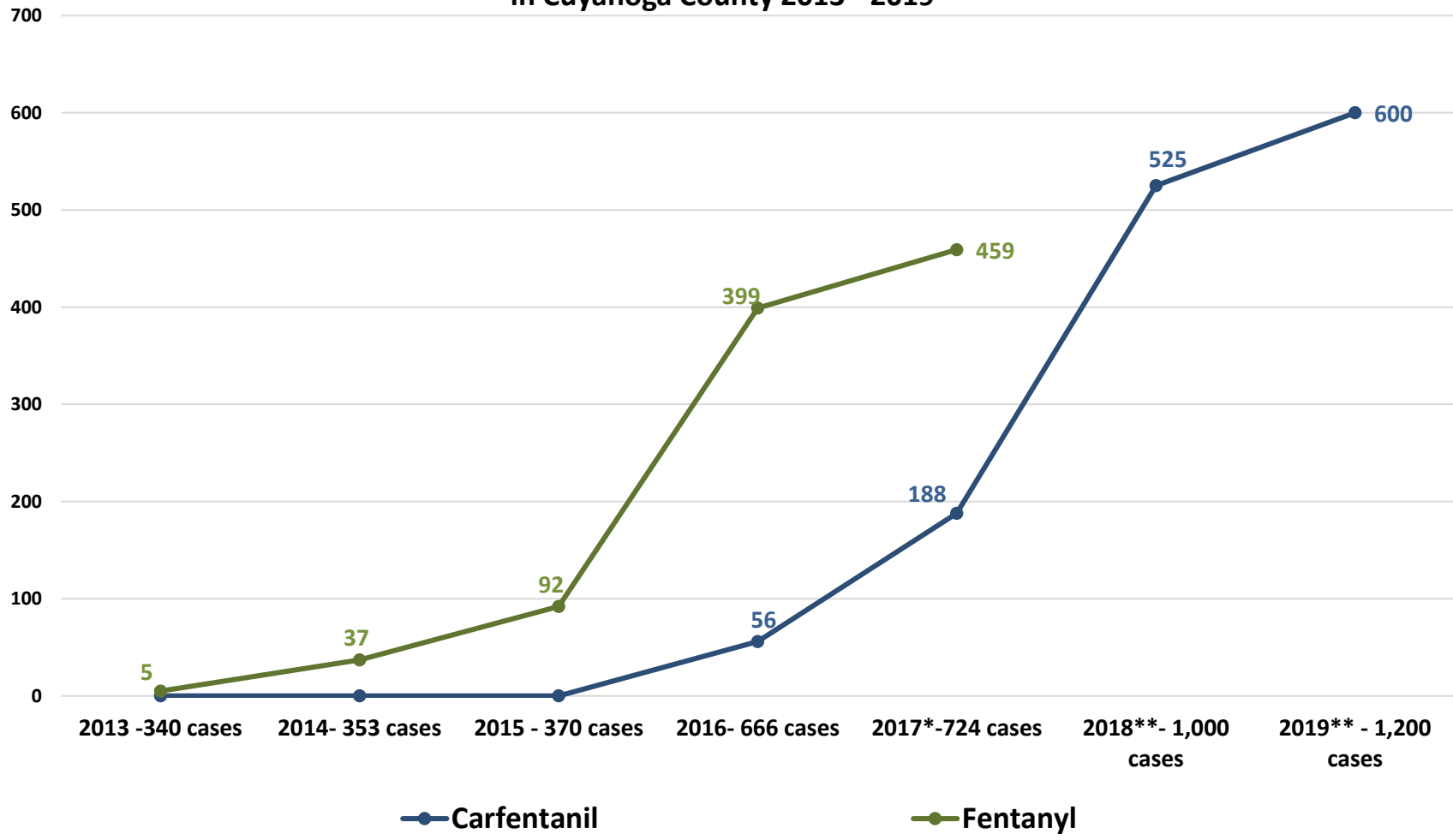
CCMEO/CCRFSL Fentanyl and It's Most Common Analogs, Overdose Deaths in Cuyahoga County 2013 - 2017 (*projected based on ruled cases through June 30, 2017)



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



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



Source: Cuyahoga County Medical Examiner's Office revised 12-6-17

