



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**

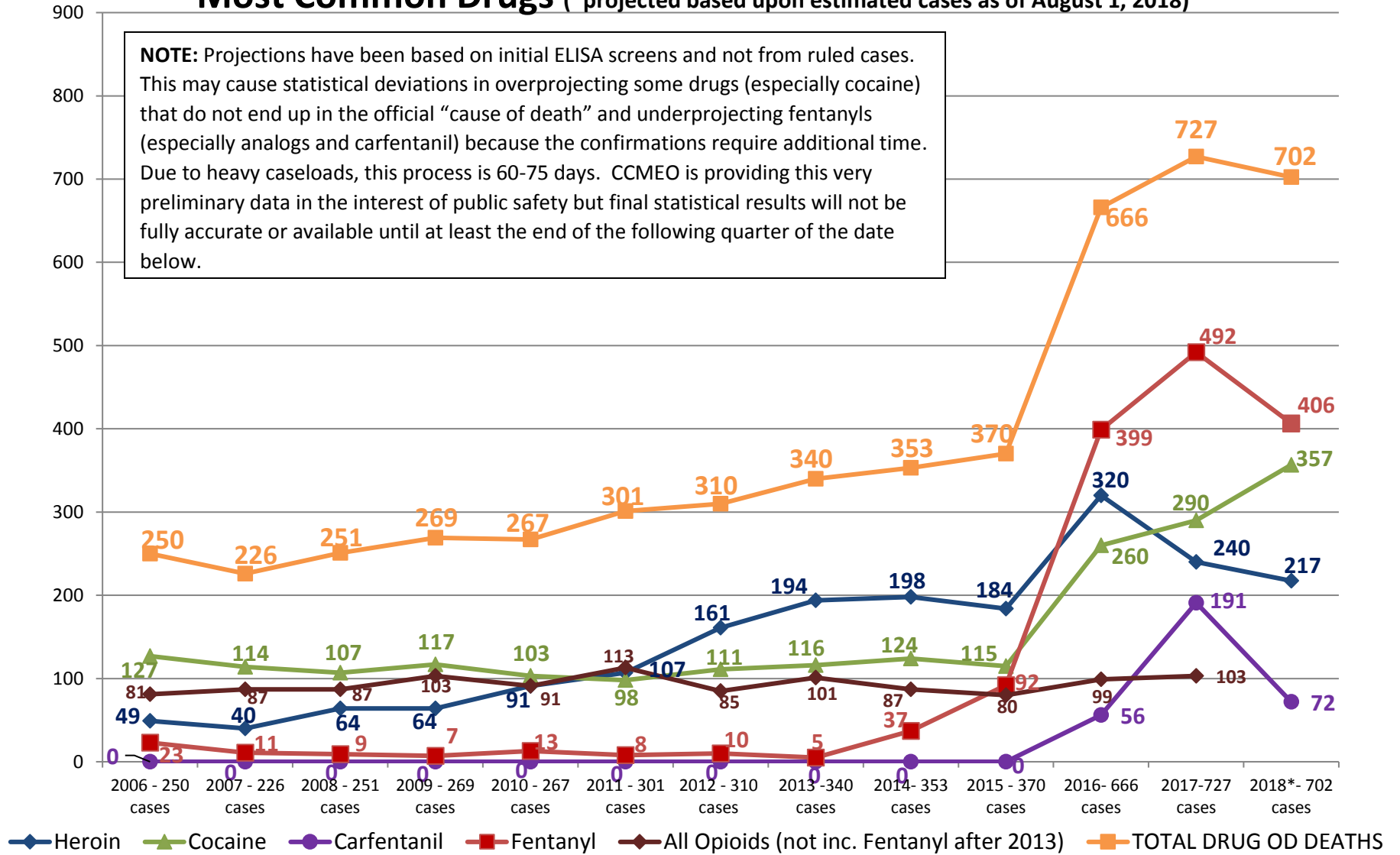
2018 JULY UPDATE

August 9, 2018

Cuyahoga County Overdose Deaths 2006-2018*

Most Common Drugs (*projected based upon estimated cases as of August 1, 2018)

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 8-9-18



CURRENT PUBLIC HEALTH EMERGENCY – At least 23 fatalities since AUG. 1

Fatal Cases due to heroin/fentanyl/analogs in JULY—at least 39 (12 cases pending additional testing)

16 - City of Cleveland Residents

15 - Suburban Residents- Bay, Broadview Hts., Brook Park, Garfield Hts., Lakewood, Mayfield, Middleburgh Hts., Parma (2), Parma Hts., South Euclid, Strongsville, Westlake (2).

4 - Out of County/State – Elyria and Lorain (Lorain), Medina (Medina) and Athens, Greece

4- Unknown

VICTIMS

Victims' ages range from 22 – 65

28 Male victims; 9 Female victims

8 African American victims; 1 Native American victim; 30 Caucasian victims (2 hispanic victims)

TRENDS

At least **253** victims have died from heroin/fentanyl/analog or in combination through July in 2018.

This compares to 345 through July of 2017 and 257 in 2016. 2018 total is at least **344** fatalities when including cocaine as well.

Carfentanil: 56 FATAL CASES in 2016; 191 in 2017; 21 confirmed fatal cases in 2018 as of 7/31/18

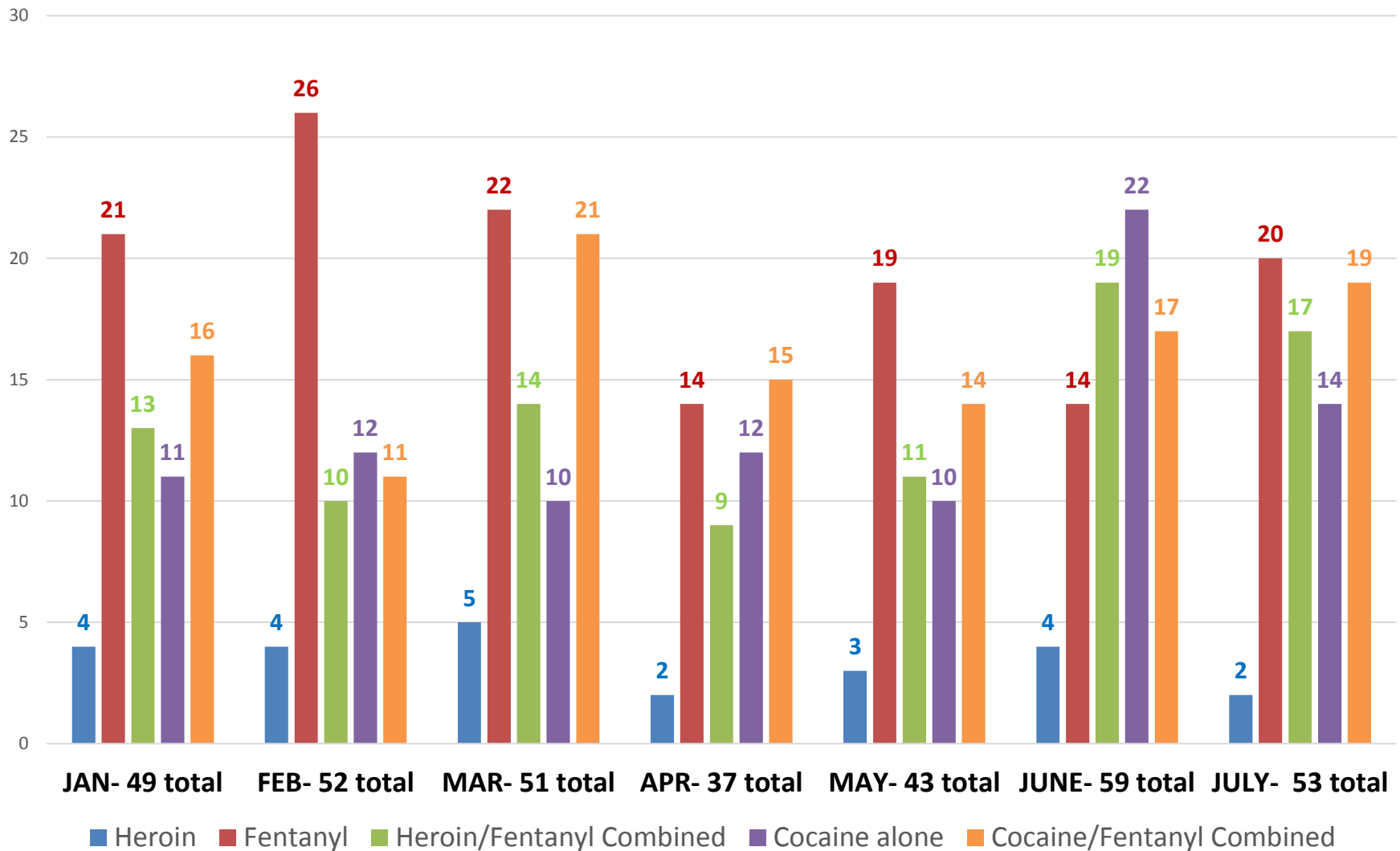
Rate of African American deaths involving fentanyl has dropped to 15.98% of all victims so far in 2018, a rate slightly above 2016 (14.5%), and below the 20+% in 2017. At least 29 cocaine related deaths occurred in July 2018 (at least 196 for 2018), with at least 16 being mixed with Fentanyl, Heroin or both (at least 107 for 2018).

Source: Cuyahoga County Medical Examiner's Office revised 8-9-18



2018 CCMEO Overdose Deaths, Most Common Drugs Involved

(Fentanyl analogues will be counted under Fentanyl Columns).



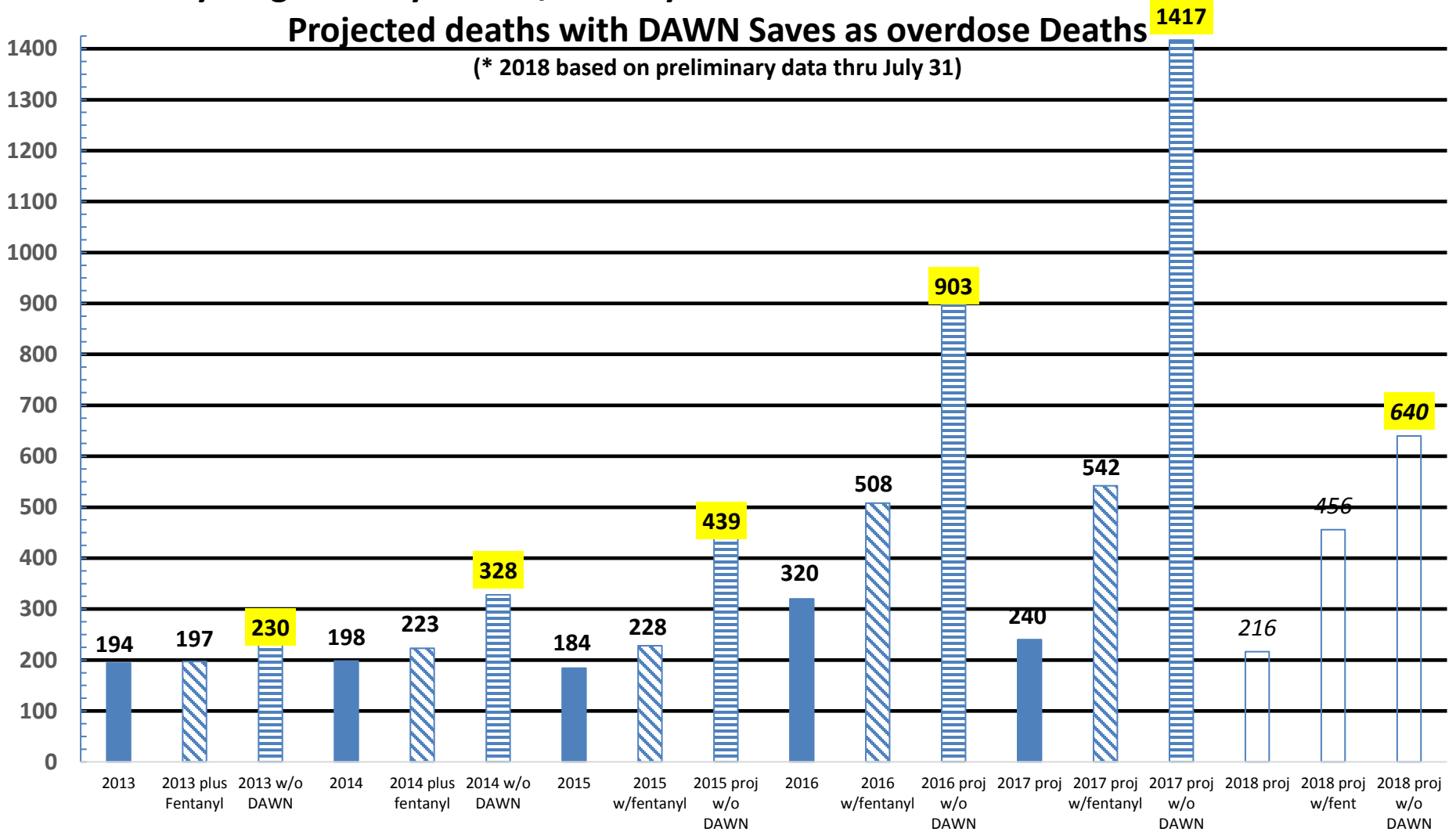
Source: Cuyahoga County Medical Examiner's Office revised 8-9-18



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

Projected deaths with DAWN Saves as overdose Deaths

(* 2018 based on preliminary data thru July 31)



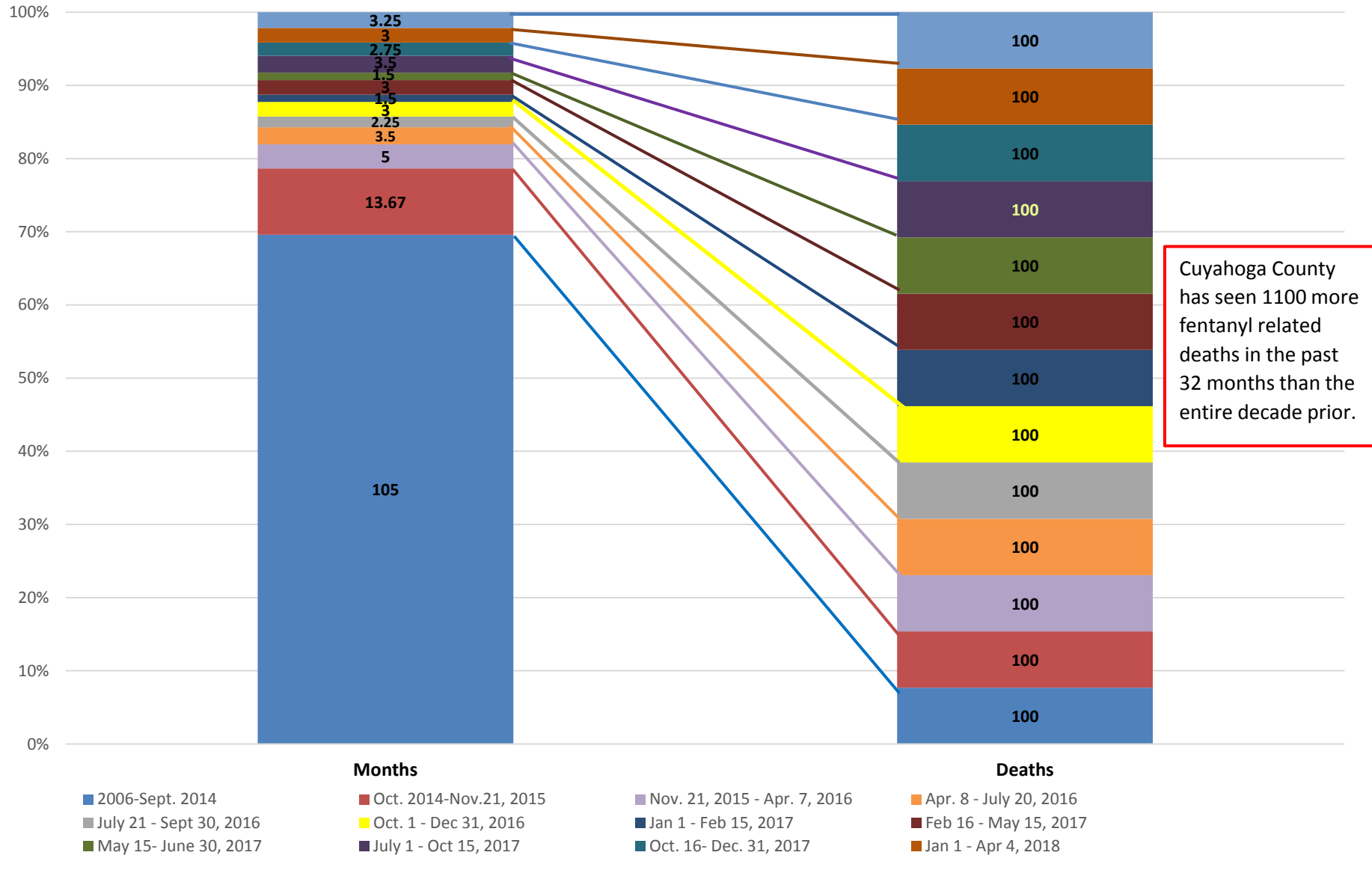
Source: Cuyahoga County Medical Examiner's Office revised 8-3-18

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 dose administrations in 2017).



Cuyahoga County Fentanyl Deaths 2006-2018



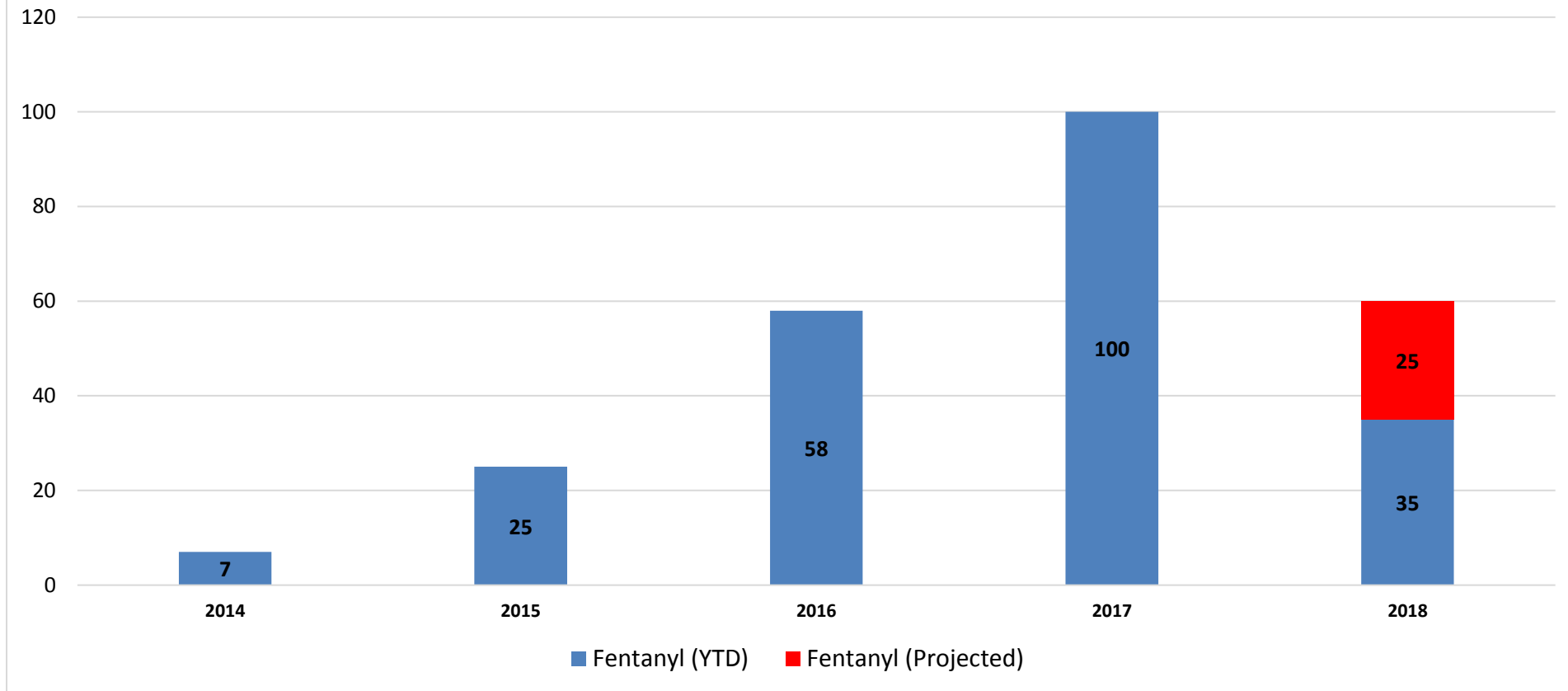
Cuyahoga County has seen 1100 more fentanyl related deaths in the past 32 months than the entire decade prior.

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



CCMEO Fentanyl-related fatalities among African Americans 2014-2018*

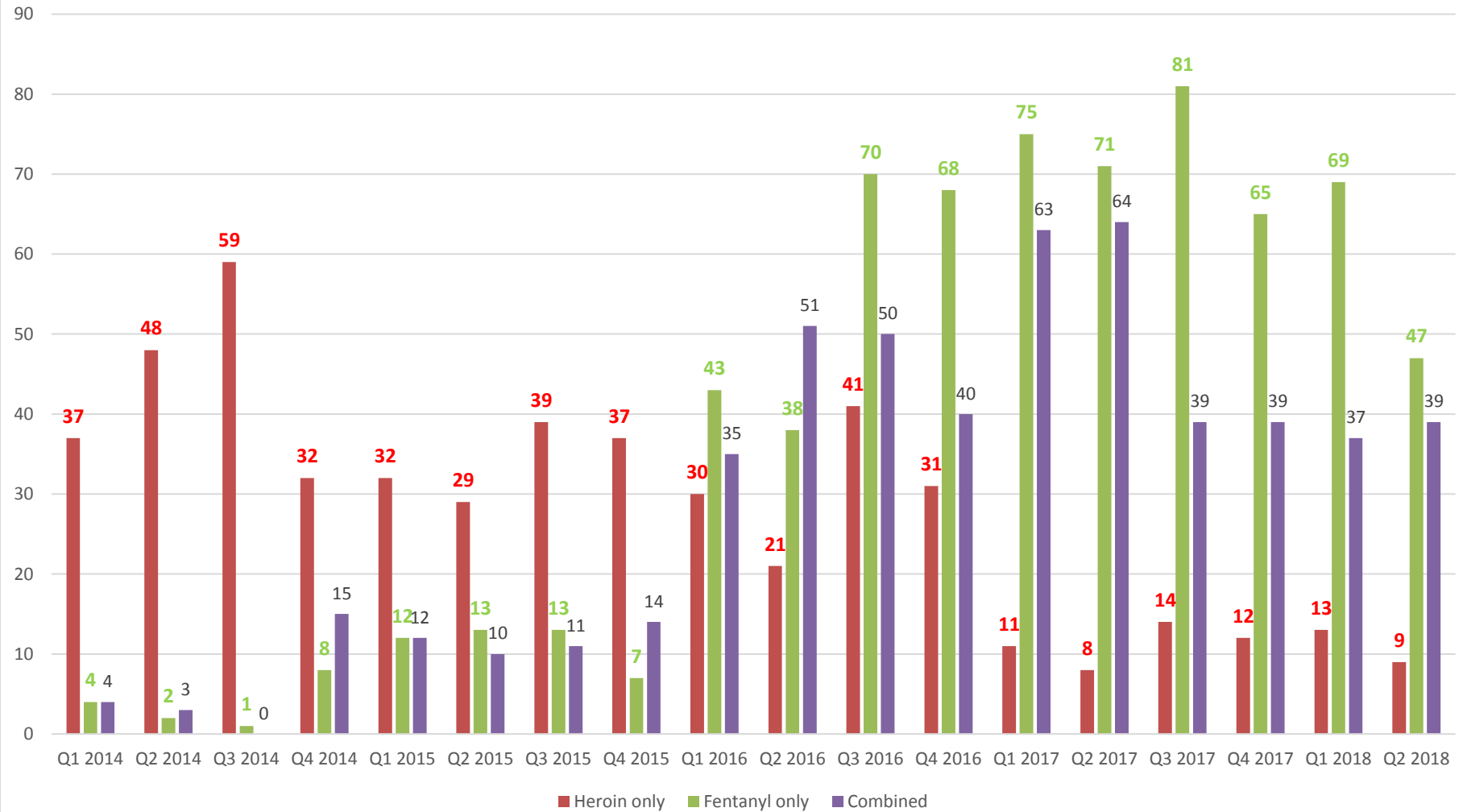
*(Red - Projected for remainder of year, as of July 31, 2018)



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



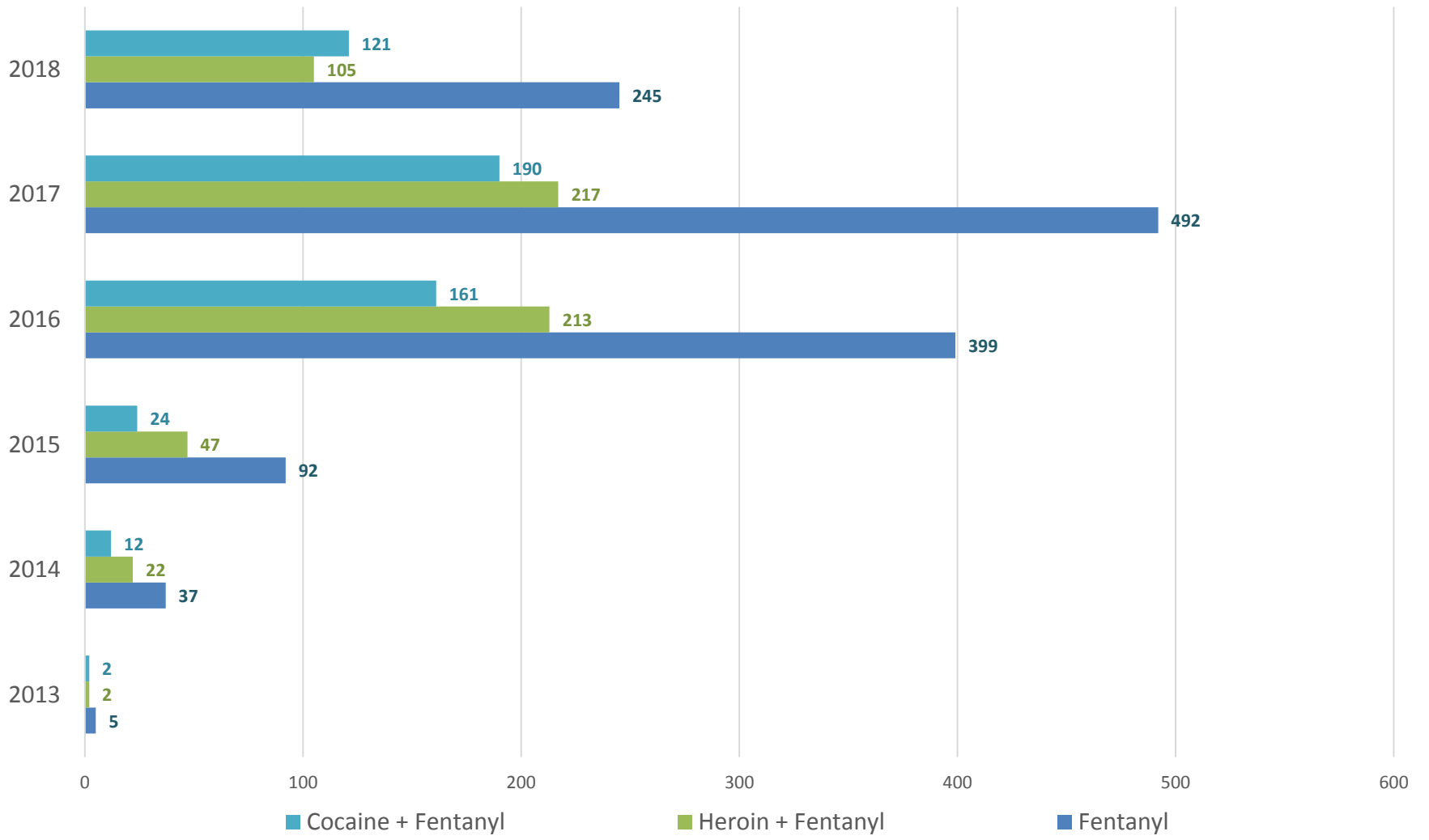
CCMEO Quarterly Heroin/Fentanyl/Combined Deaths 2014-2018* (*2018 suspected cases as of 6-30-18)



Source: Cuyahoga County Medical Examiner's Office revised 7-6-18



CCMEO, Proliferation of Fentanyl and Cocaine/Fentanyl mixtures in fatalities 2013-2018* (* thru July 31, 2018)

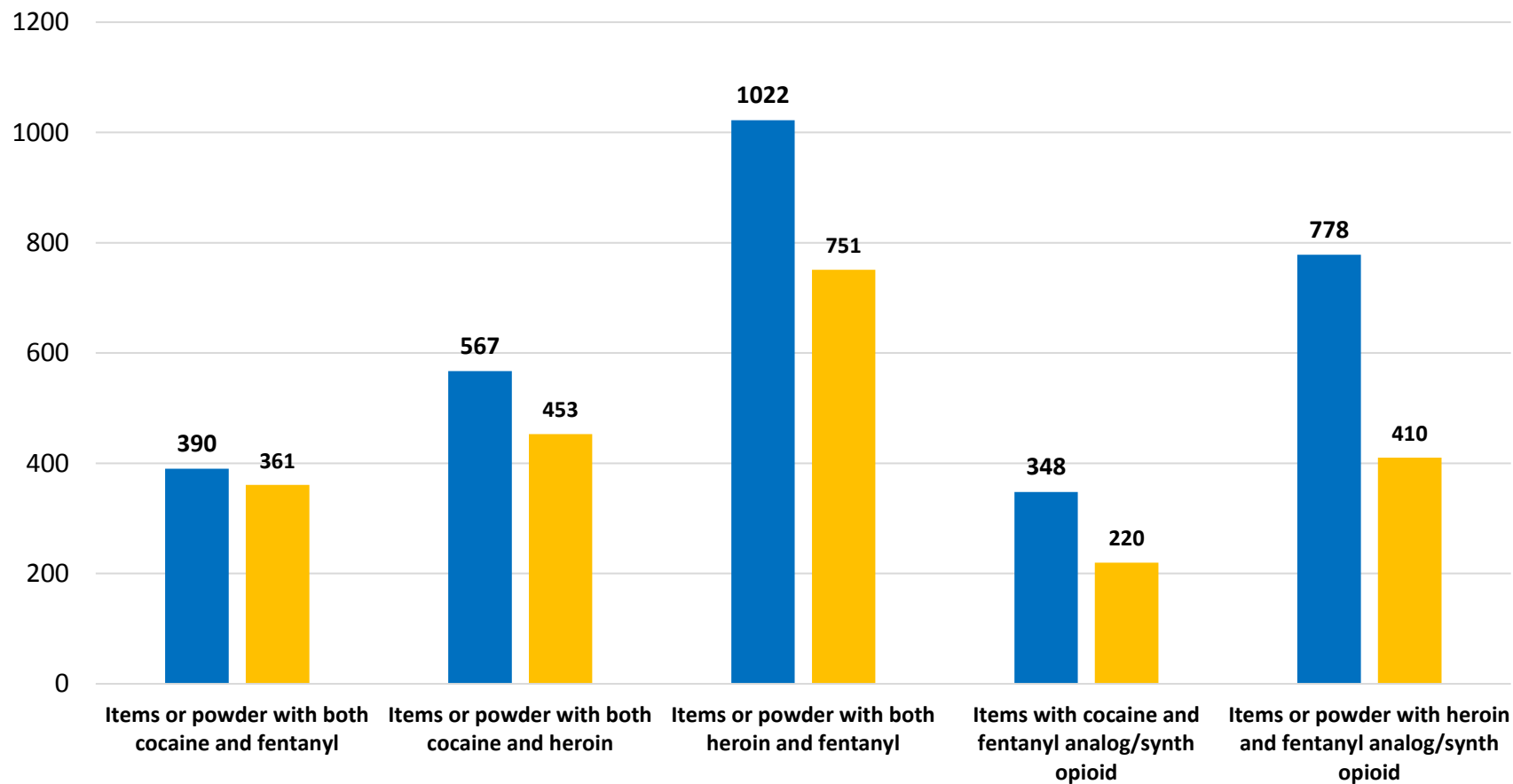


Source: Cuyahoga County Medical Examiner's Office revised 8-9-18



2017 -2018* CCMEO/CCRFSL Drug Chemistry testing

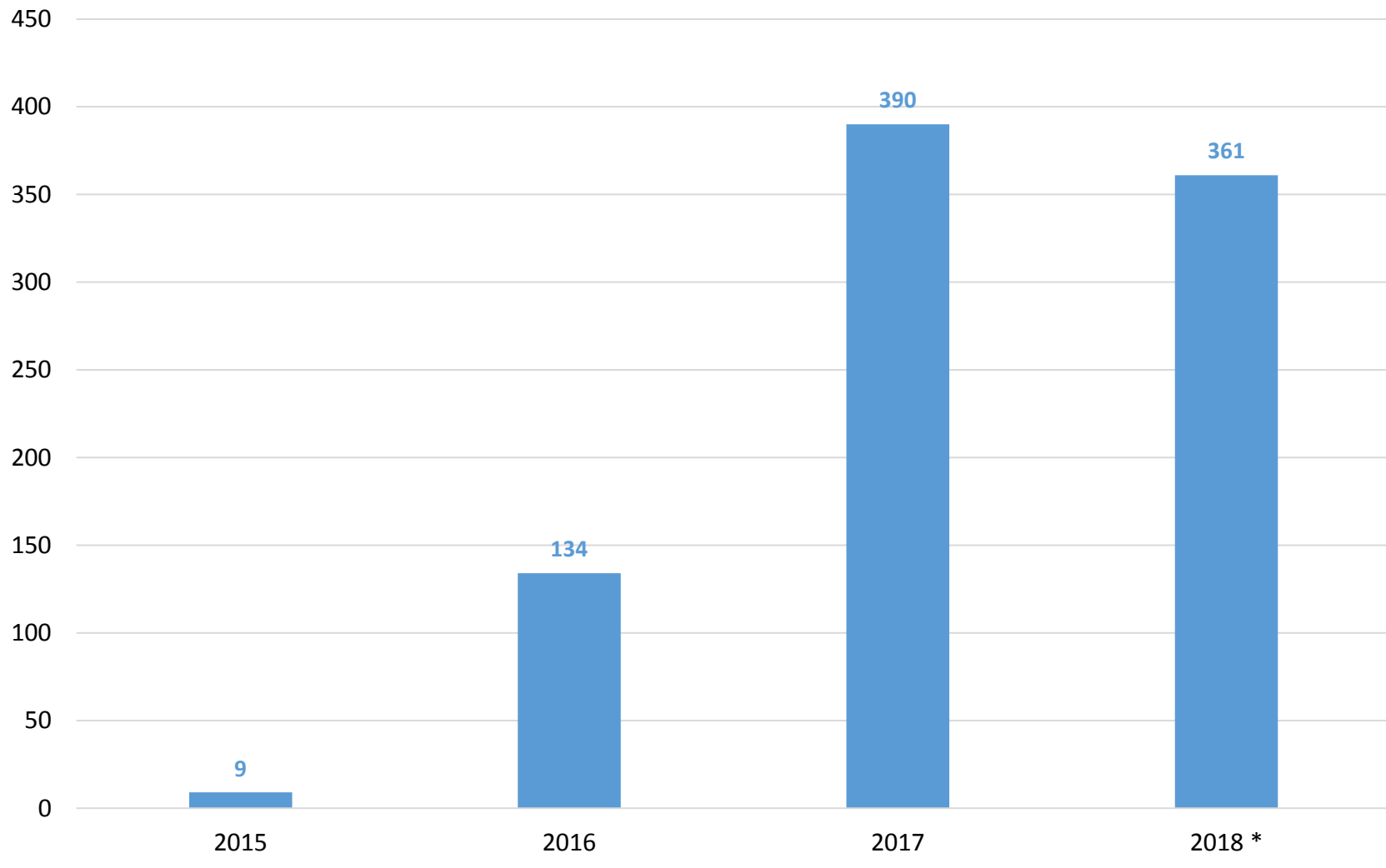
(* through June 30, 2018)



Source: Cuyahoga County Medical Examiner's Office revised 7-6-18



CCMEO/CCRFSL Drug Chemistry testing
Items or powder with both cocaine and fentanyl (*through June 30, 2018)



Source: Cuyahoga County Medical Examiner's Office revised 7-6-18

