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CUYAHOGA COUNTY

MEDICAL EXAMINER'S OFFICE

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

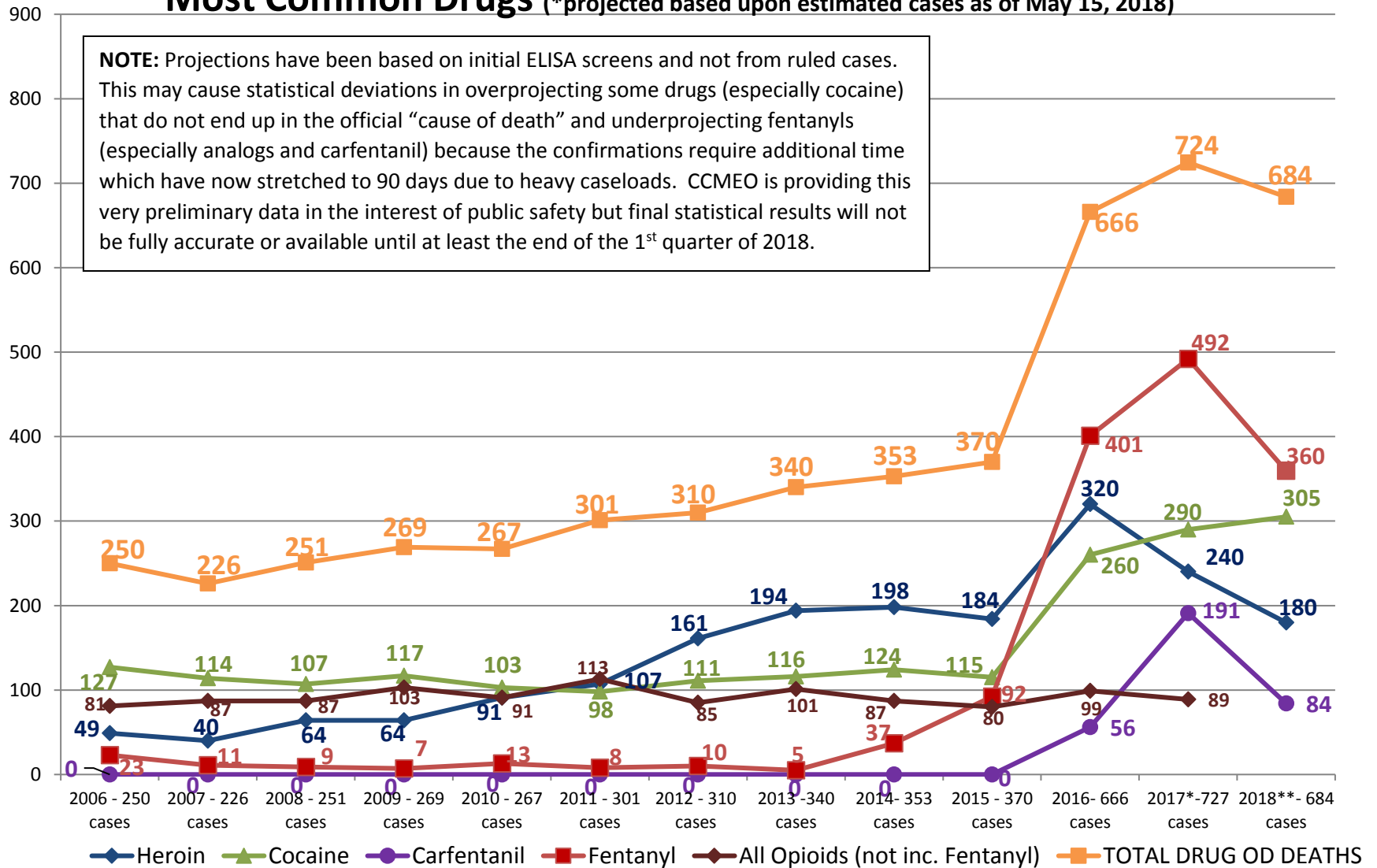
2017 APRIL UPDATE

May 15, 2018

Cuyahoga County Overdose Deaths 2006-2018*

Most Common Drugs (*projected based upon estimated cases as of May 15, 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 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 at least the end of the 1st quarter of 2018.



Source: Cuyahoga County Medical Examiner's Office revised 5-15-18



CURRENT PUBLIC HEALTH EMERGENCY – At least 15 fatalities since MAY 1

Fatal Cases due to heroin/fentanyl/analogs in APRIL—at least 24 (30 cases pending additional testing)

10 - City of Cleveland Residents

14 - Suburban Residents- Brooklyn (2), Lakewood, Mayfield Hts. (2), North Royalton, Olmsted Falls, Parma Hts. (2), Warrensville Hts., Westlake and (3) Out of County – Mentor (Lake), Strasburg (Tuscarawas) and Hayward (CA)

VICTIMS

Victims' ages range from 18 – 64

18 Male victims; 6 Female victims

1 African American victim; 1 Asian Indian victim; 22 Caucasian victims (4 hispanic victims)

TRENDS

At least **137** victims have died from heroin/fentanyl/analog or in combination in 2018. This compares to 192 through April of 2017 and 139 in 2016. 2018 total is at least **181** fatalities when including cocaine as well.

Carfentanil: 56 FATAL CASES in 2016; 191 in 2017; 15 confirmed fatal cases in 2018 as of 5/15/18

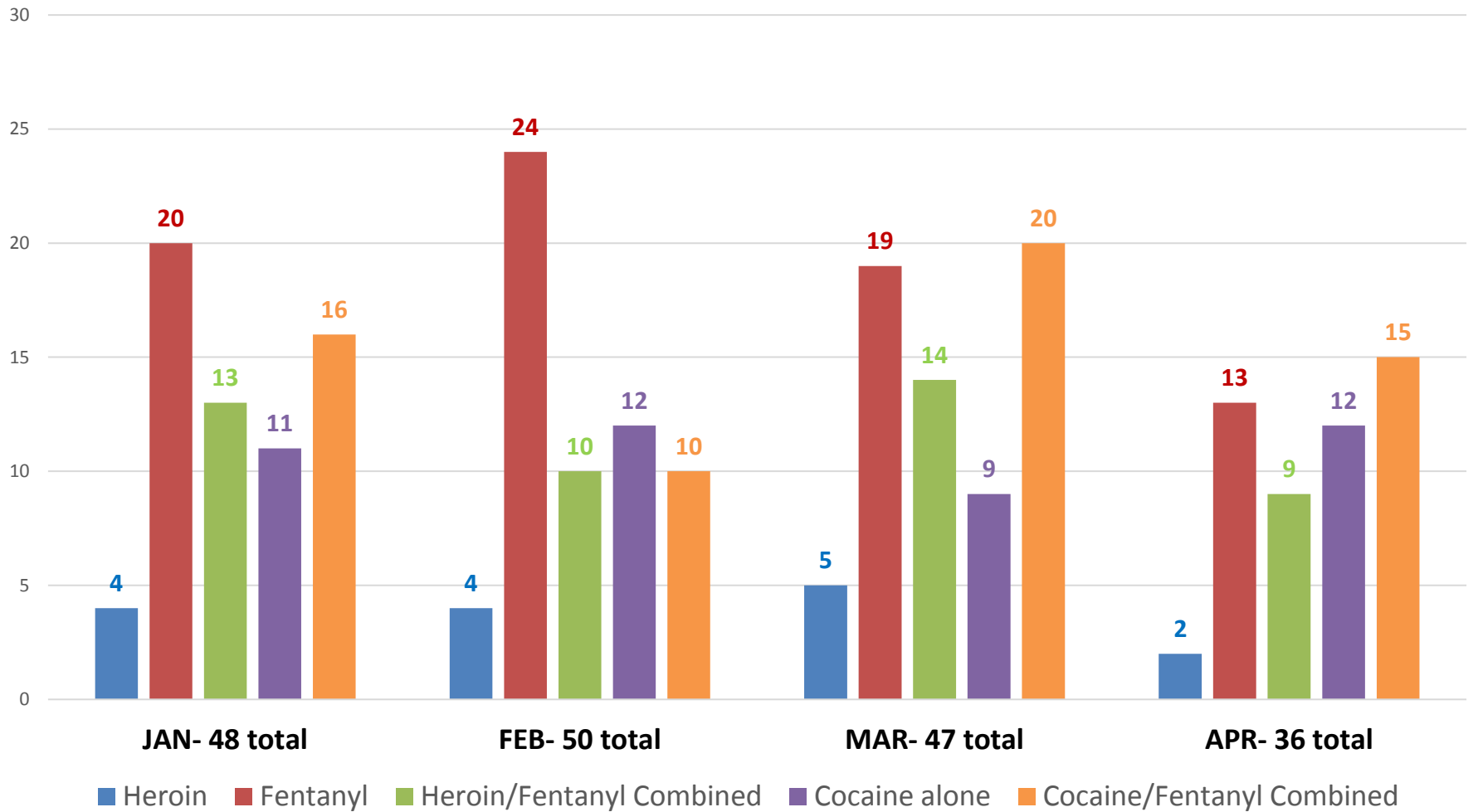
Rate of African American deaths involving fentanyl has dropped to 11.5% of all victims so far in 2018, a rate lower than 2016 (14.5%), and well below the 20+% in 2017. At least 27 cocaine related deaths occurred in April 2018 (at least 105 for 2018), with at least 15 being mixed with Fentanyl, Heroin or both (at least 65 for 2018).

Source: Cuyahoga County Medical Examiner's Office revised 5-15-18



2018 CCMEO Overdose Deaths, Most Common Drugs Involved

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

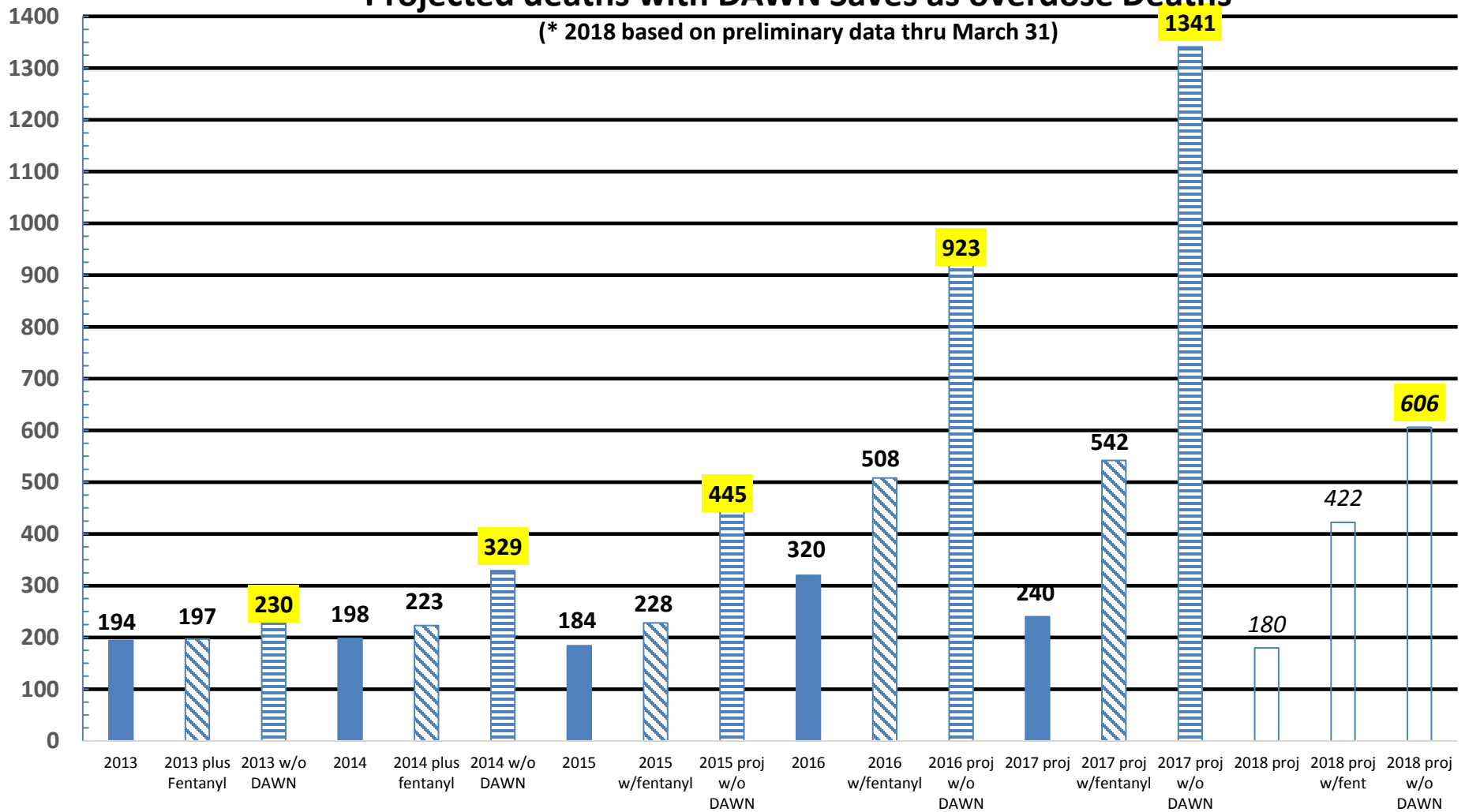


Source: Cuyahoga County Medical Examiner's Office revised 5-15-18



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

Projected deaths with DAWN Saves as overdose Deaths

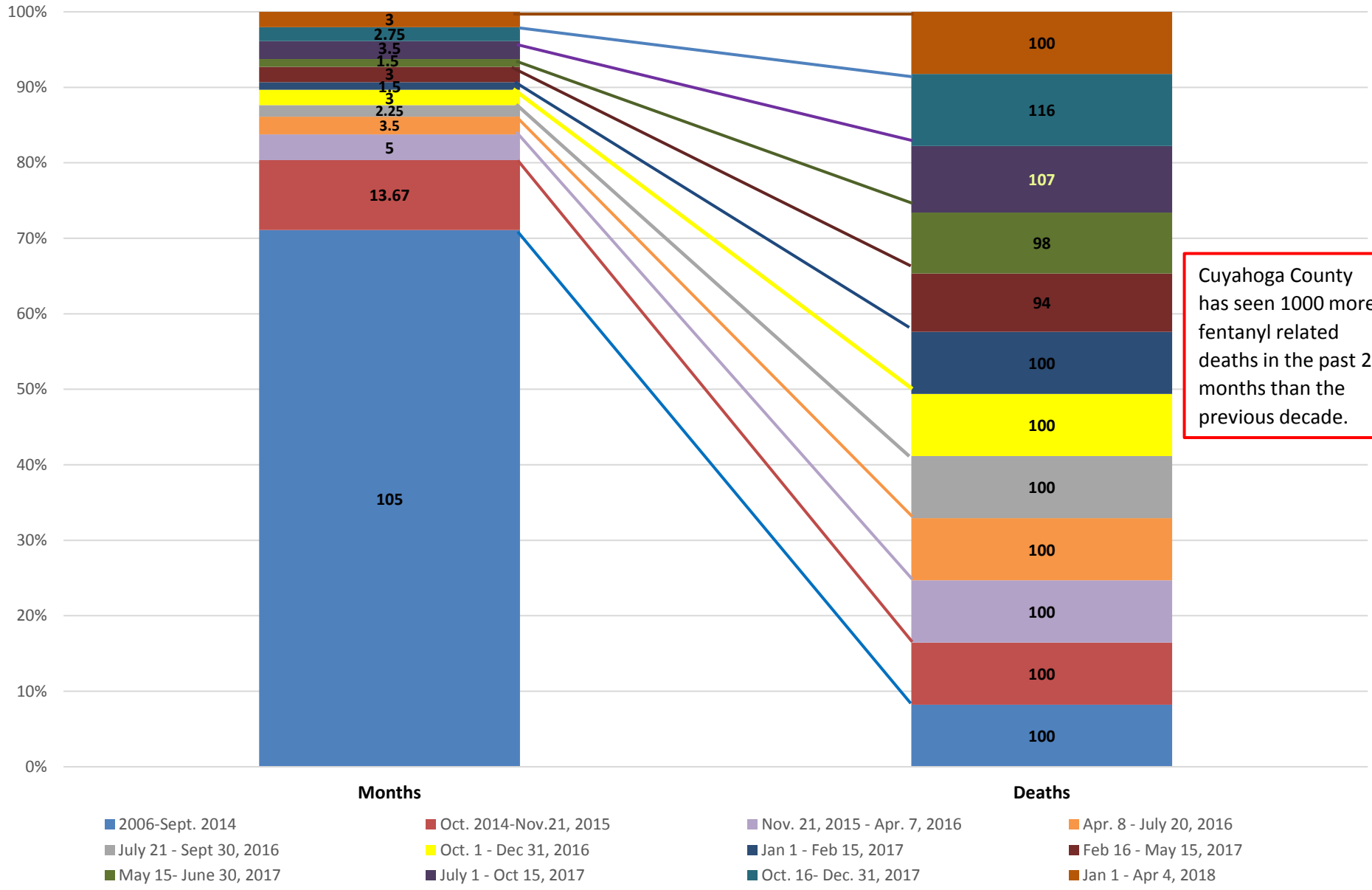


Source: Cuyahoga County Medical Examiner's Office revised 5-15-18

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 6,643 dose administrations in 2017).



Cuyahoga County Fentanyl Deaths 2006-2018



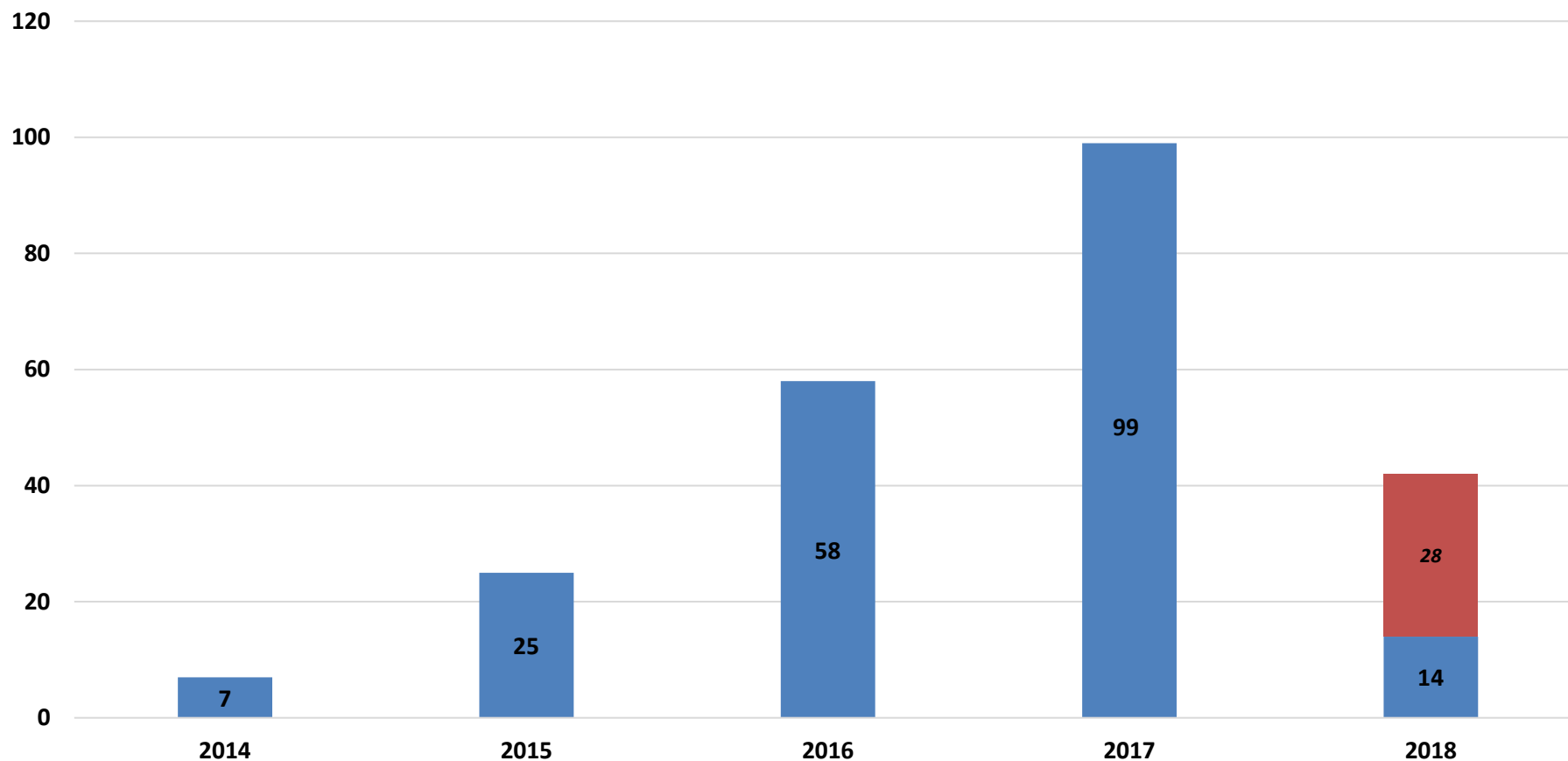
Cuyahoga County has seen 1000 more fentanyl related deaths in the past 29 months than the previous decade.

Source: Cuyahoga County Medical Examiner's Office revised 4-5-18



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

(Red - Projected for remainder of year, as of May 1, 2018)

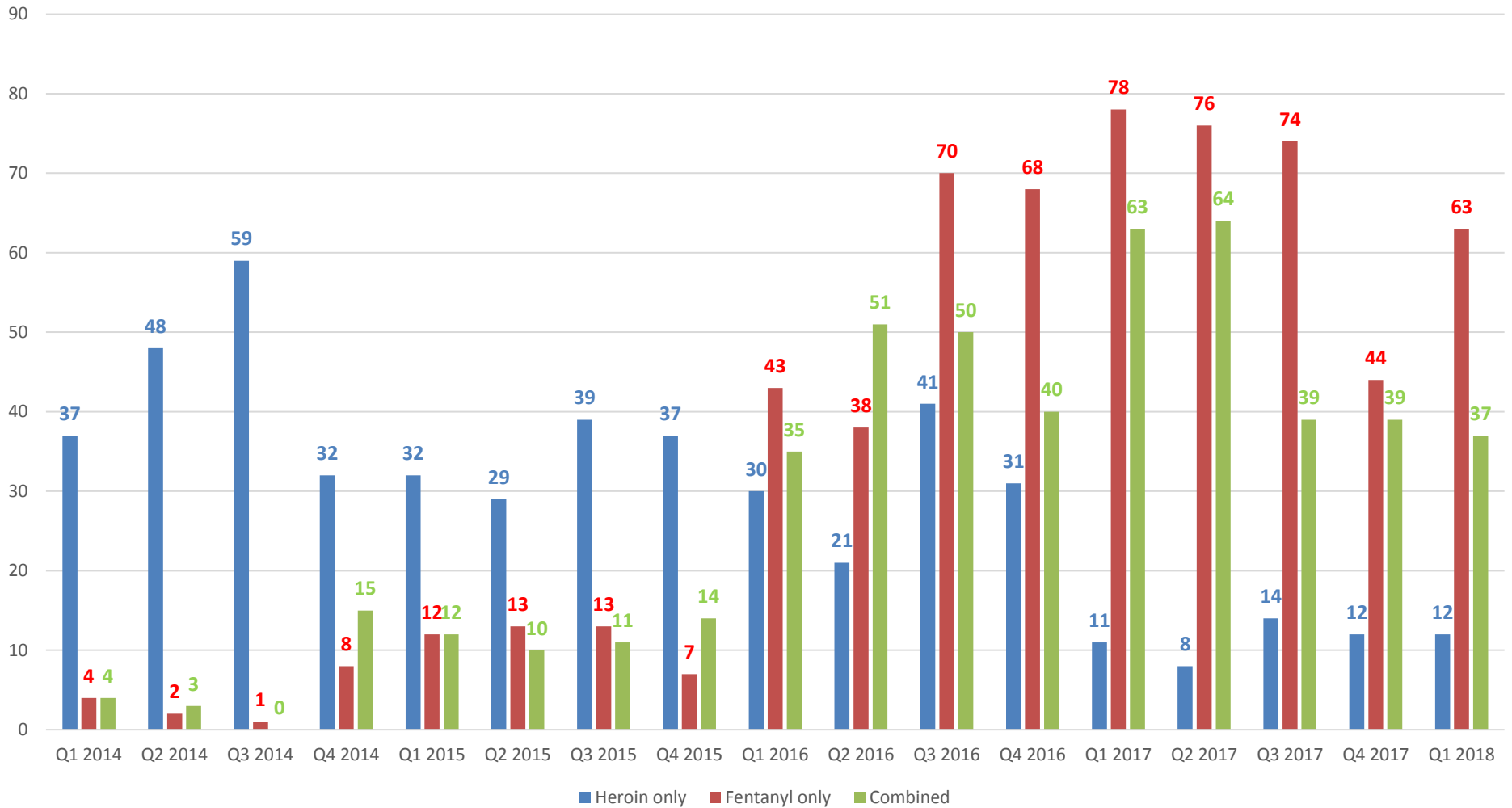


Source: Cuyahoga County Medical Examiner's Office revised 5-15-18



CCMEO Quarterly Heroin/Fentanyl/Combined Deaths

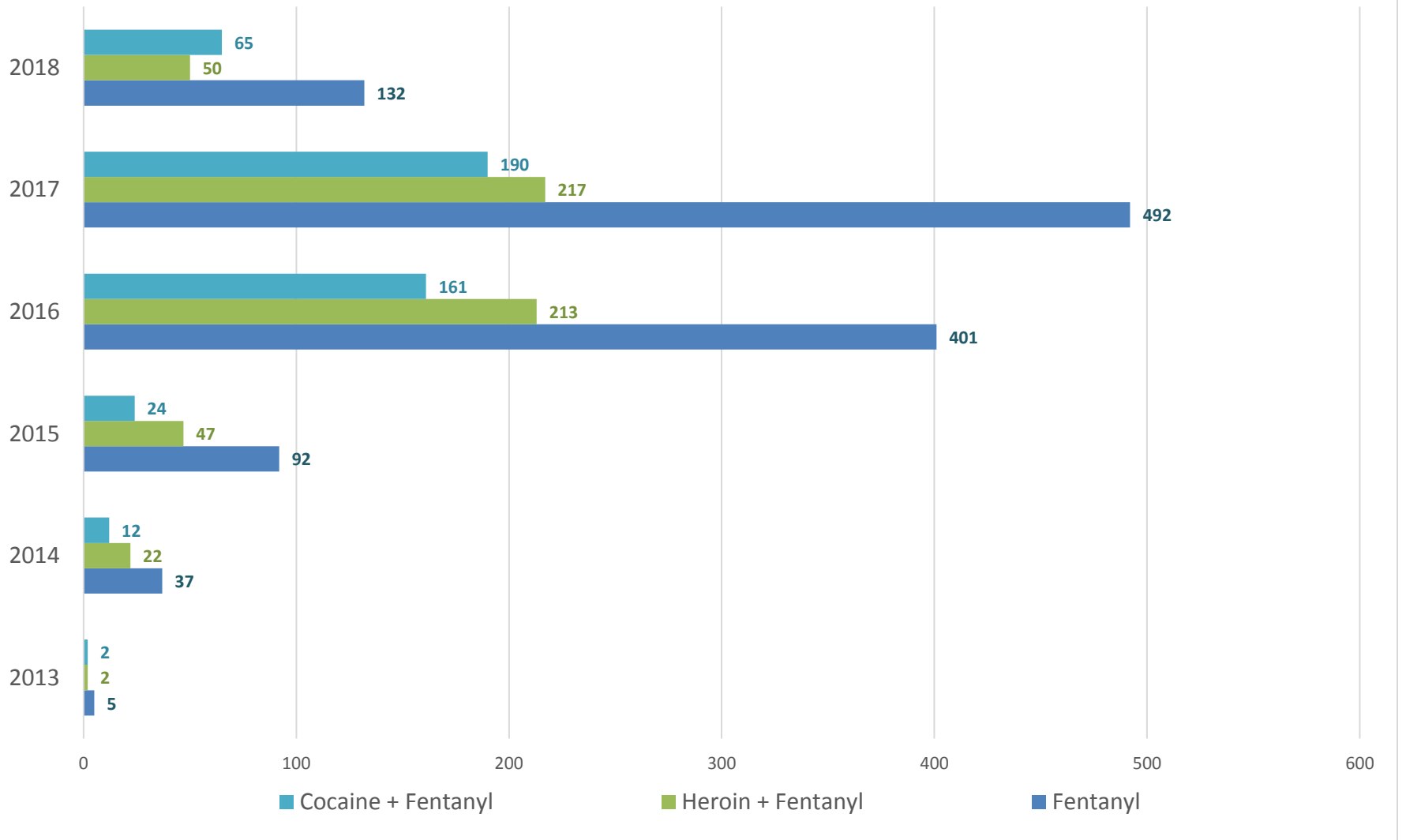
2014-2018* (*2018 suspected cases as of 4-4-18)



Source: Cuyahoga County Medical Examiner's Office revised 4-5-18



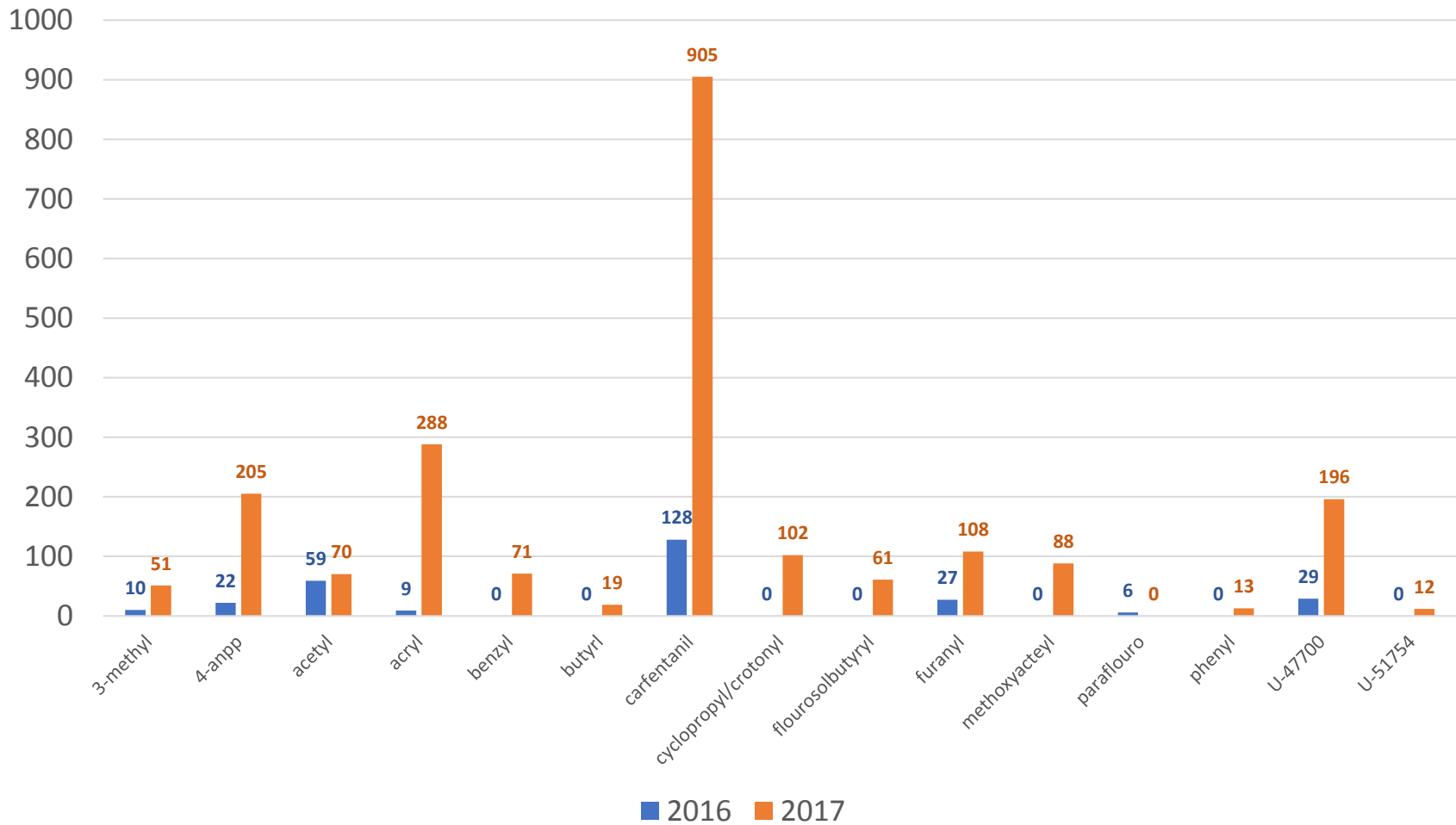
CCMEO, Proliferation of Fentanyl and Cocaine/Fentanyl mixtures in fatalities
 2013-2018* (* thru end of April 2018)



Source: Cuyahoga County Medical Examiner's Office revised 5-15-18

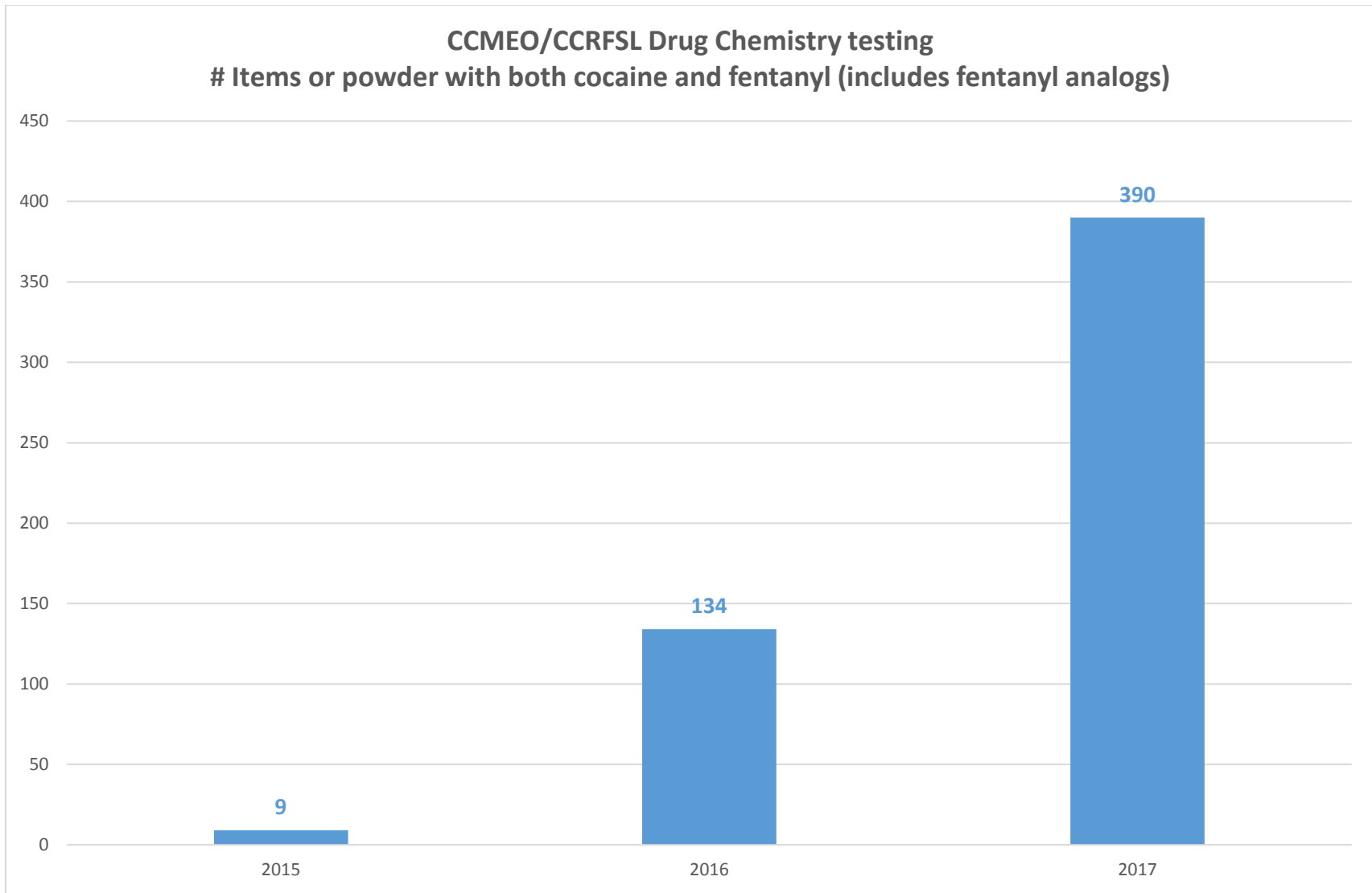


CCRFSL, Drug Chemistry Lab Positive Findings of Fentanyl Analogs 2016-2017



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





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

