



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**

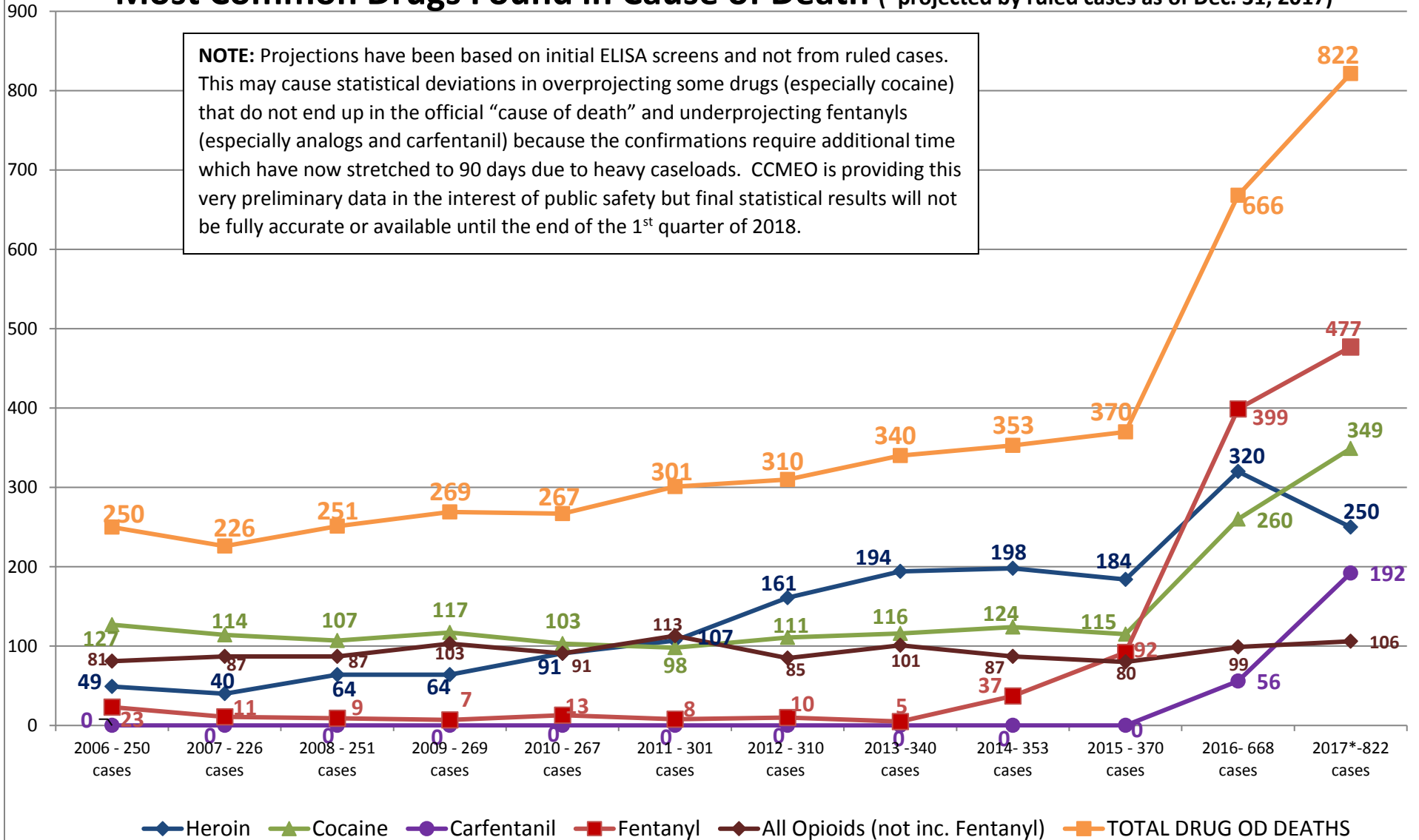
2017 MARCH UPDATE

APRIL 5, 2018

Cuyahoga County Overdose Deaths 2006-2017*

Most Common Drugs Found in Cause of Death (*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 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 the end of the 1st quarter of 2018.



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



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

Fatal Cases due to heroin/fentanyl/analogs in MARCH—at least 38 (52 cases pending additional testing)

13 - City of Cleveland Residents

24 - Suburban Residents- Berea, Brook Park, Brooklyn, East Cleveland, Euclid (2), Garfield Hts., Lakewood (2), Maple Hts., North Olmsted (2), North Royalton, Parma Hts., Richmond Hts., Strongsville and (8) Out of County – Cortland (Warren), Mantua (Portage), Willowick (Lake) North Ridgeville (Lorain), Chesne (SC), Clayville (PA), Morgantown (WV) and Salvation (FL)

1 - Unknown

VICTIMS

Victims' ages range from 17 – 78

26 Male victims; 12 Female victims

4 African American victims; 34 Caucasian victims (1 hispanic victim)

TRENDS

At least **112** victims have died from heroin/fentanyl/analog or in combination in 2018. This compares to 152 through March of 2017 and 106 in 2016. 2018 total is at least **144** fatalities when including cocaine as well.

Carfentanil: 56 CONFIRMED FATAL CASES in 2016; 182 CONFIRMED as of 12/31 in 2017

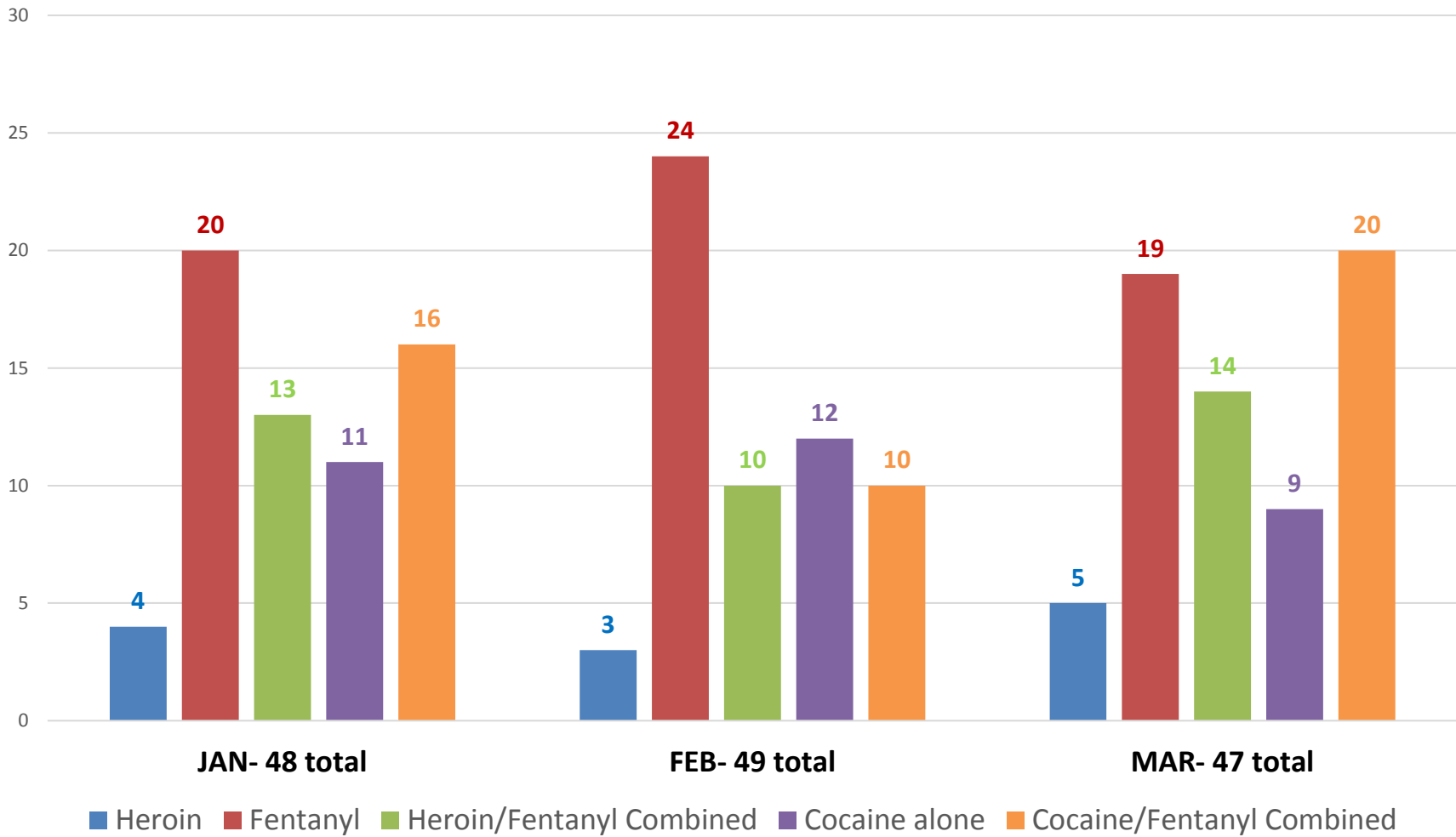
Rate of African American deaths involving fentanyl has dropped to 12.9% of all victims so far in 2018, a rate more in line with 2016 (14.5%), than the 20+% in 2017. At least 29 cocaine related deaths occurred in March 2018 (at least 78 for 2018), with at least 20 being mixed with Fentanyl, Heroin or both (at least 46 for 2018).

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



2018 CCMEO Overdose Deaths, Most Common Drugs Involved

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

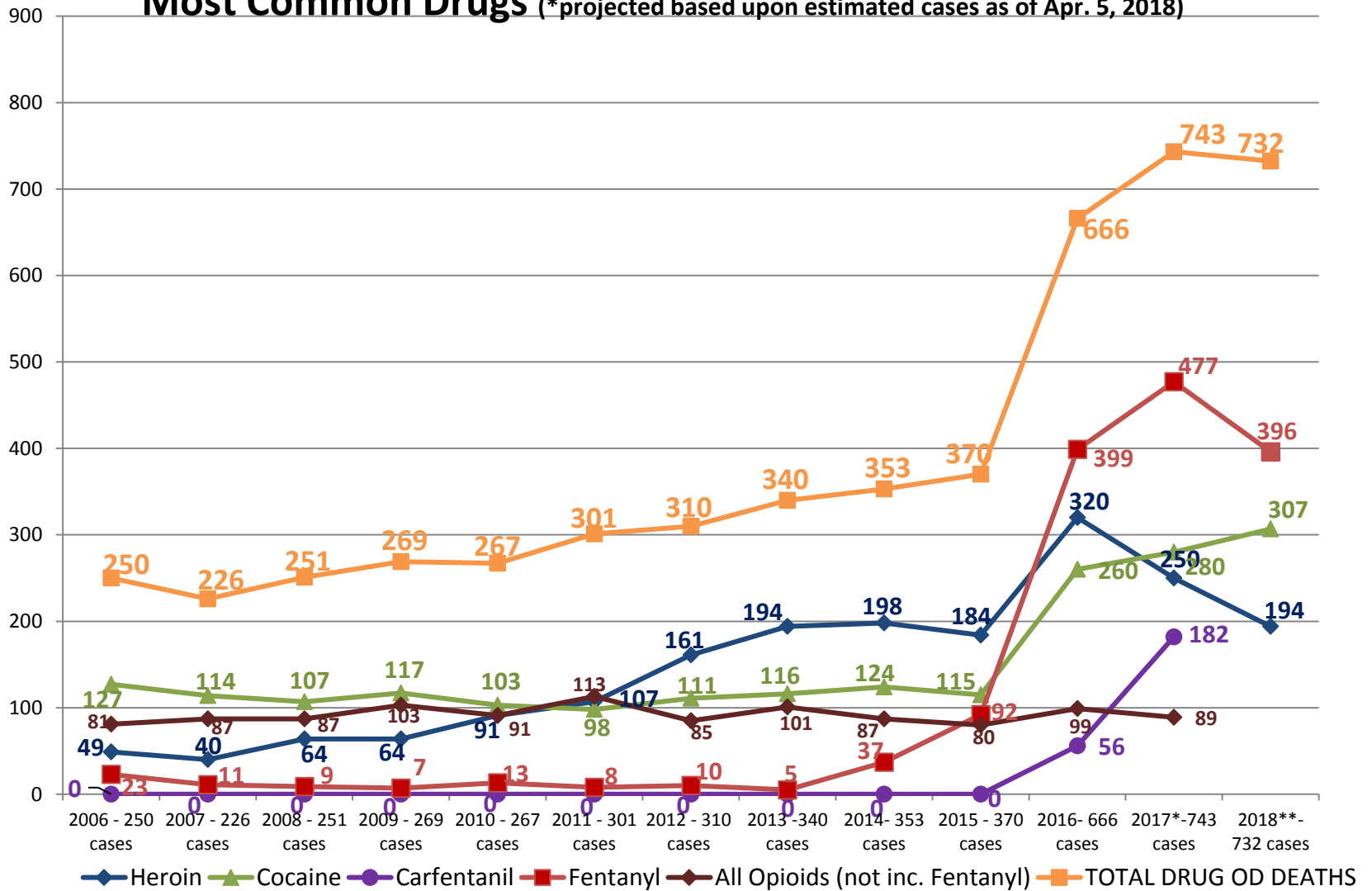


Source: Cuyahoga County Medical Examiner's Office revised 4-5-18



Cuyahoga County Overdose Deaths 2006-2018*

Most Common Drugs (*projected based upon estimated cases as of Apr. 5, 2018)

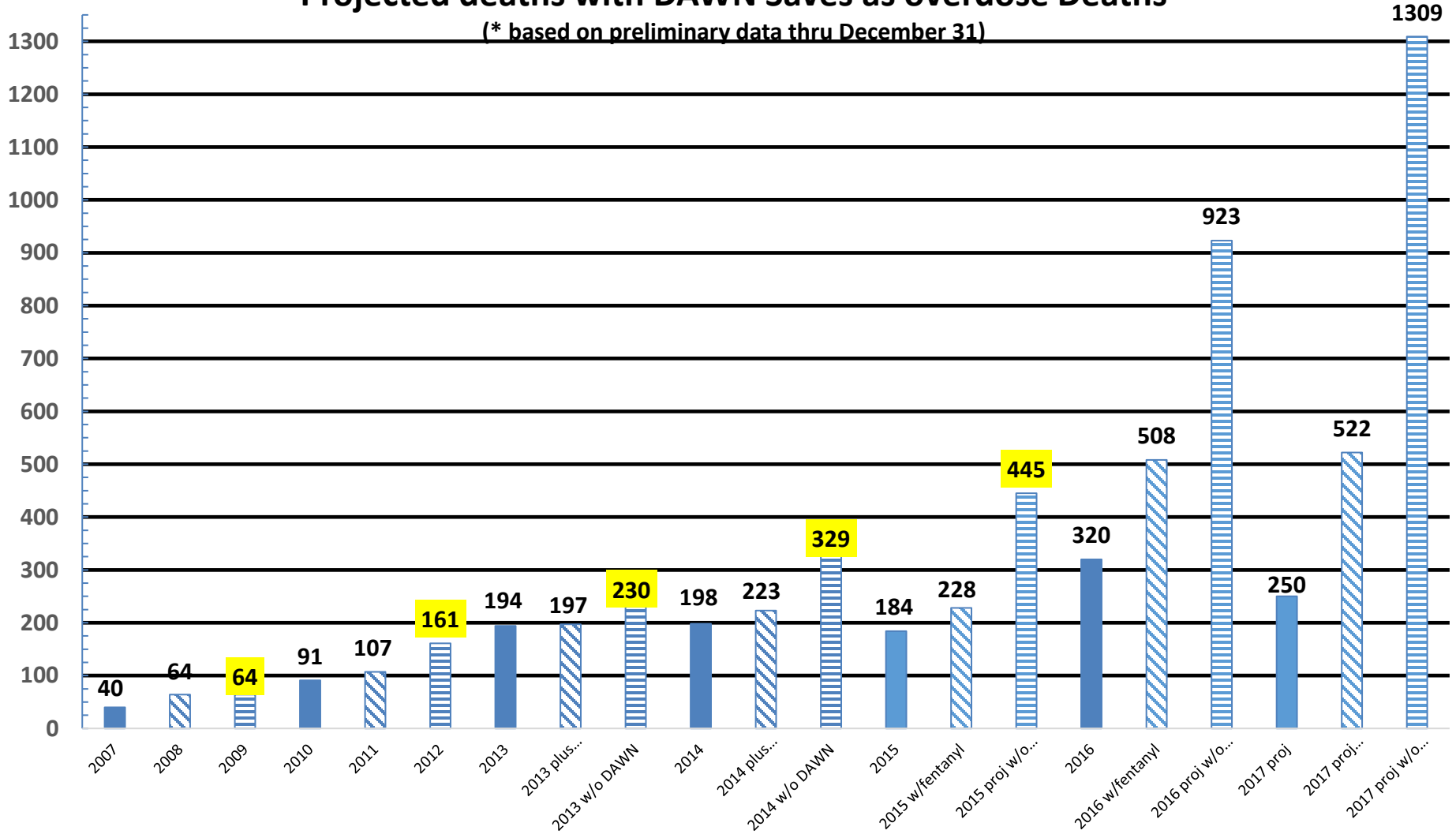


Source: Cuyahoga County Medical Examiner's Office revised 4-5-18



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

Projected deaths with DAWN Saves as overdose Deaths

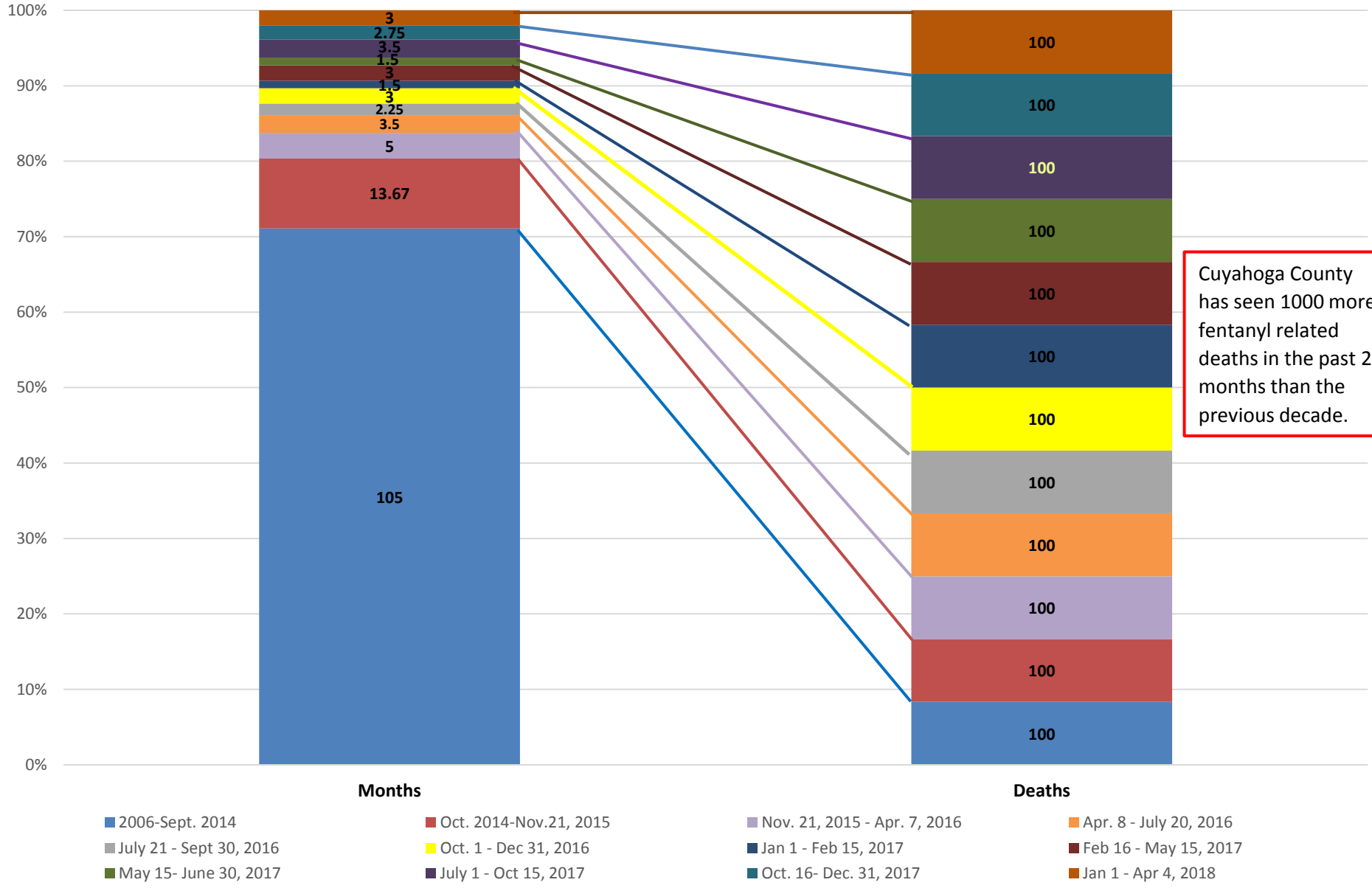


Source: Cuyahoga County Medical Examiner's Office revised 4-5-18

DAWN includes all documented naloxone saves through DAWN including police reversals. Does not include EMS administrations: (1,903 doses in 2015, over 5,156 in 2016 and 6,643 dose administrations in 2017).



Cuyahoga County Fentanyl Deaths 2006-2018

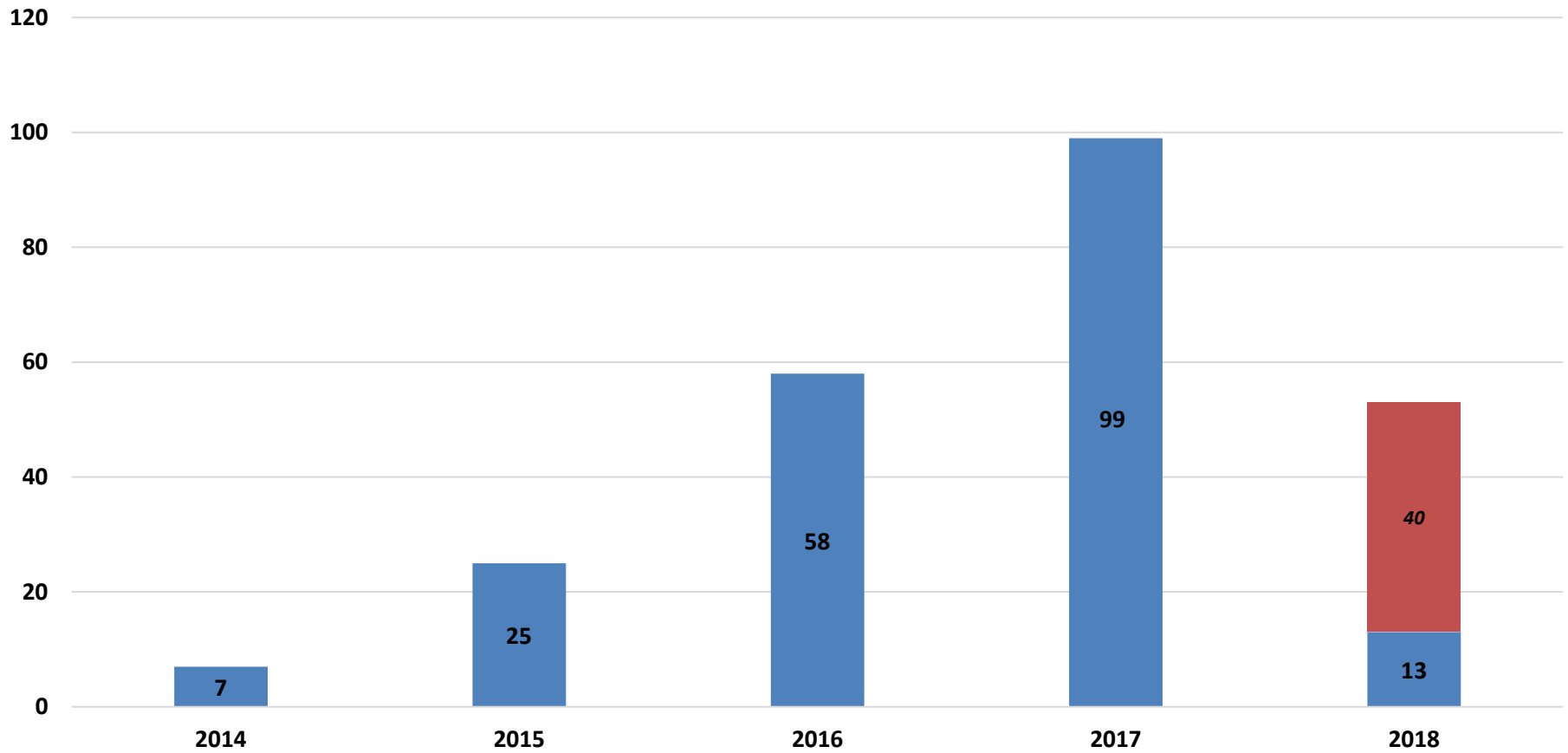


Cuyahoga County has seen 1000 more fentanyl related deaths in the past 29 months than the previous decade.

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 April 1, 2018)

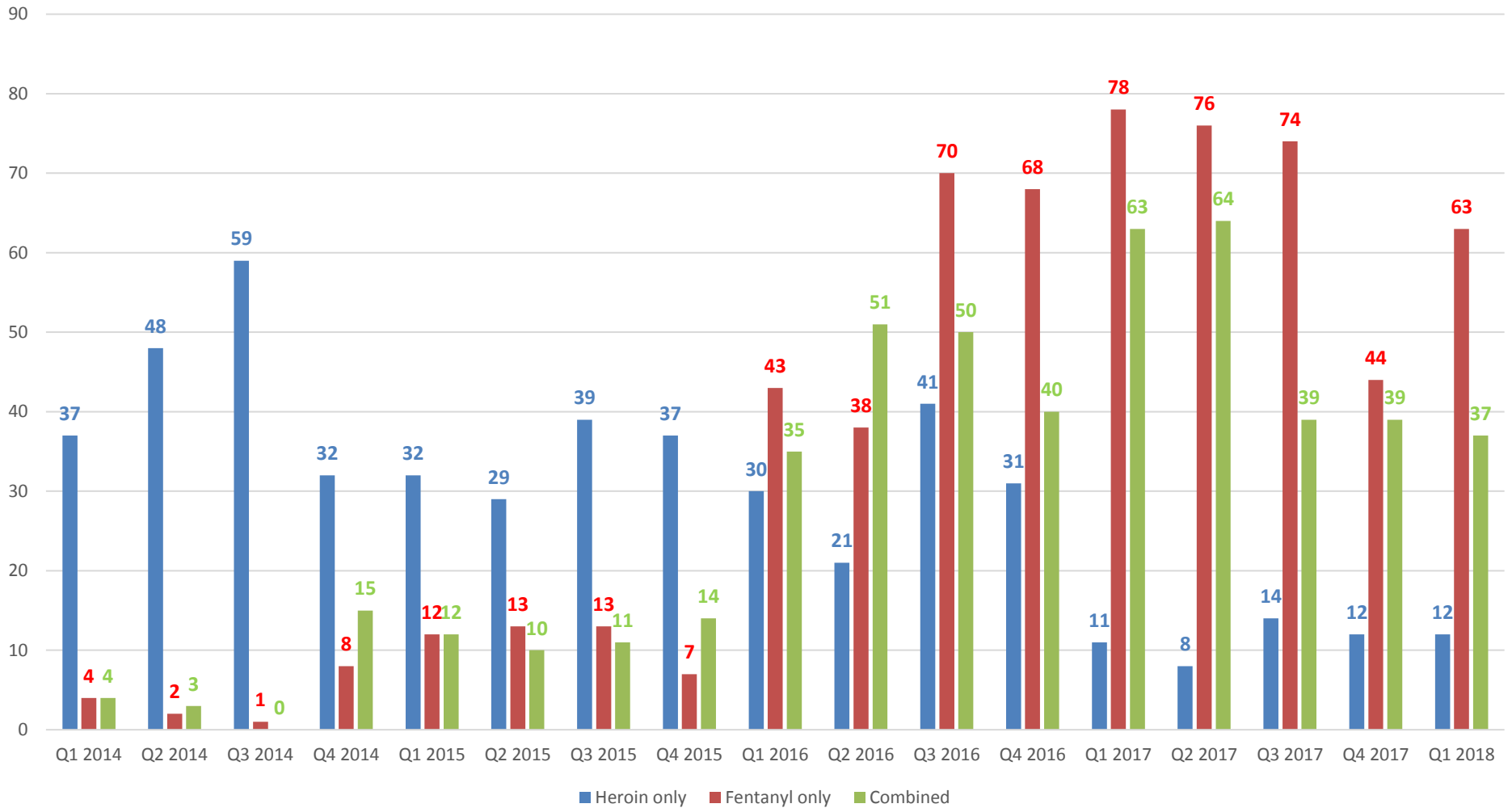


Source: Cuyahoga County Medical
Examiner's Office revised 4-5-18



CCMEO Quarterly Heroin/Fentanyl/Combined Deaths

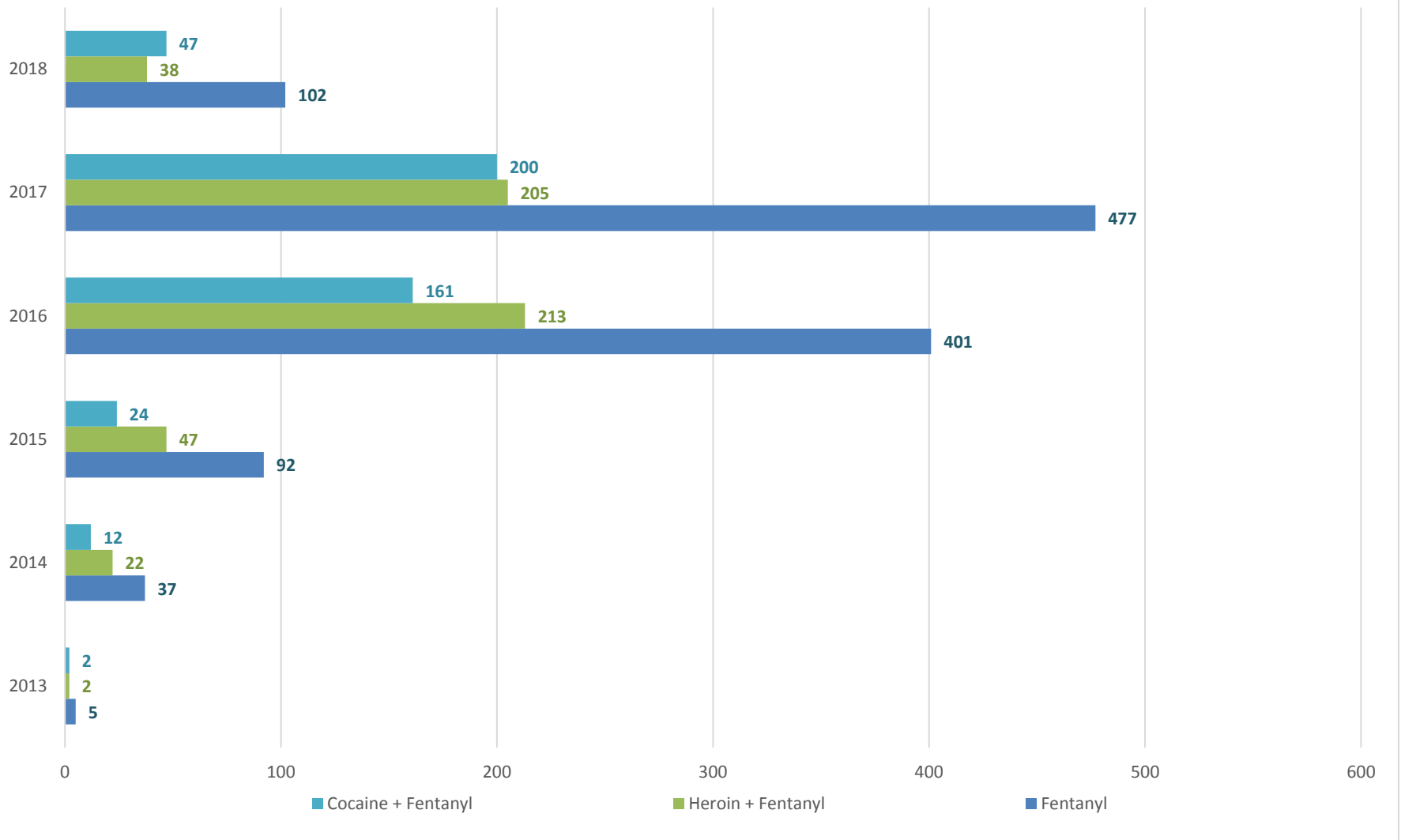
2014-2018* (*2018 suspected cases as of 4-4-18)



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



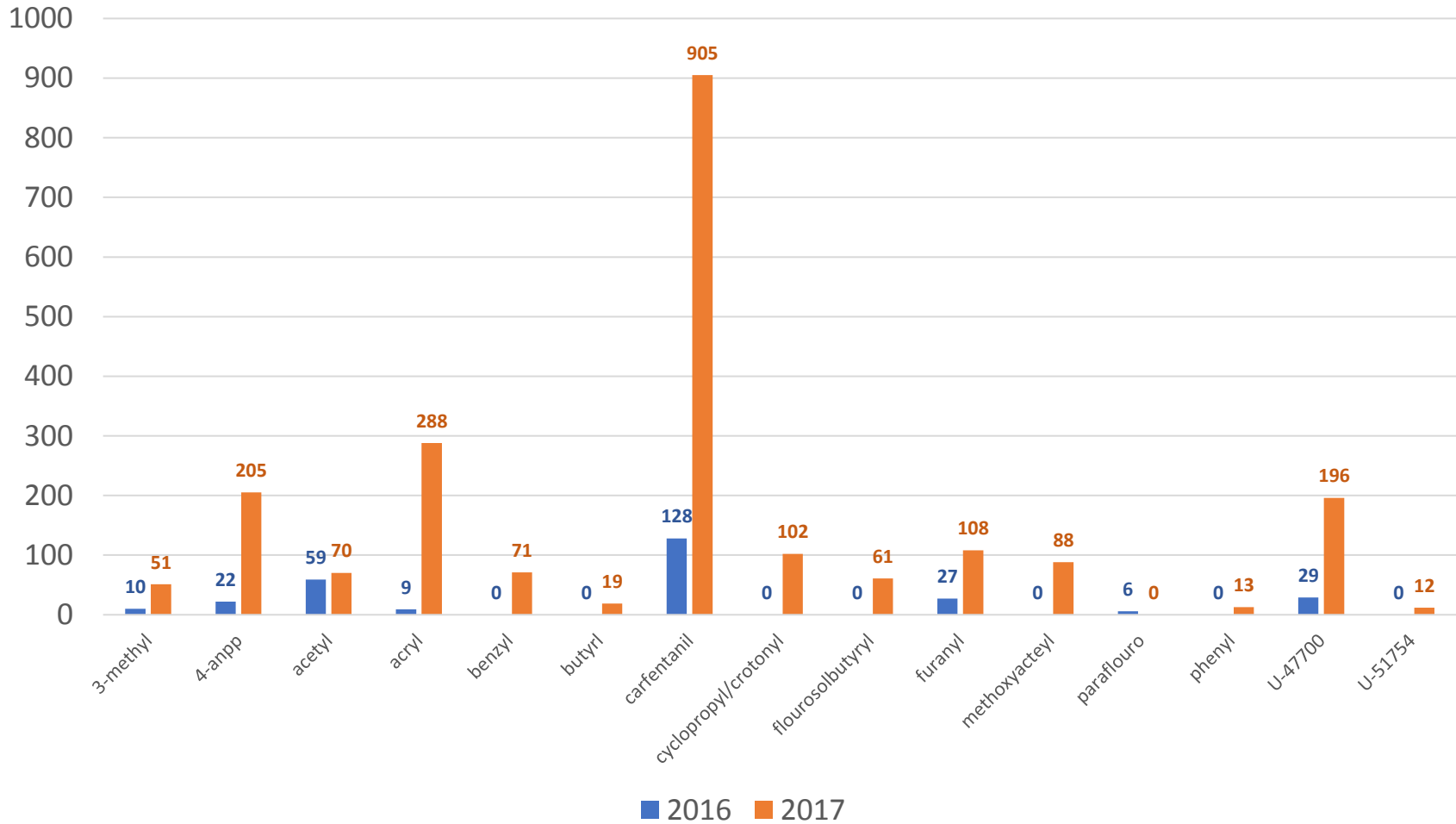
CCMEO, Proliferation of Fentanyl and Cocaine/Fentanyl mixtures in fatalities
2013-2018* (* thru end of March)



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

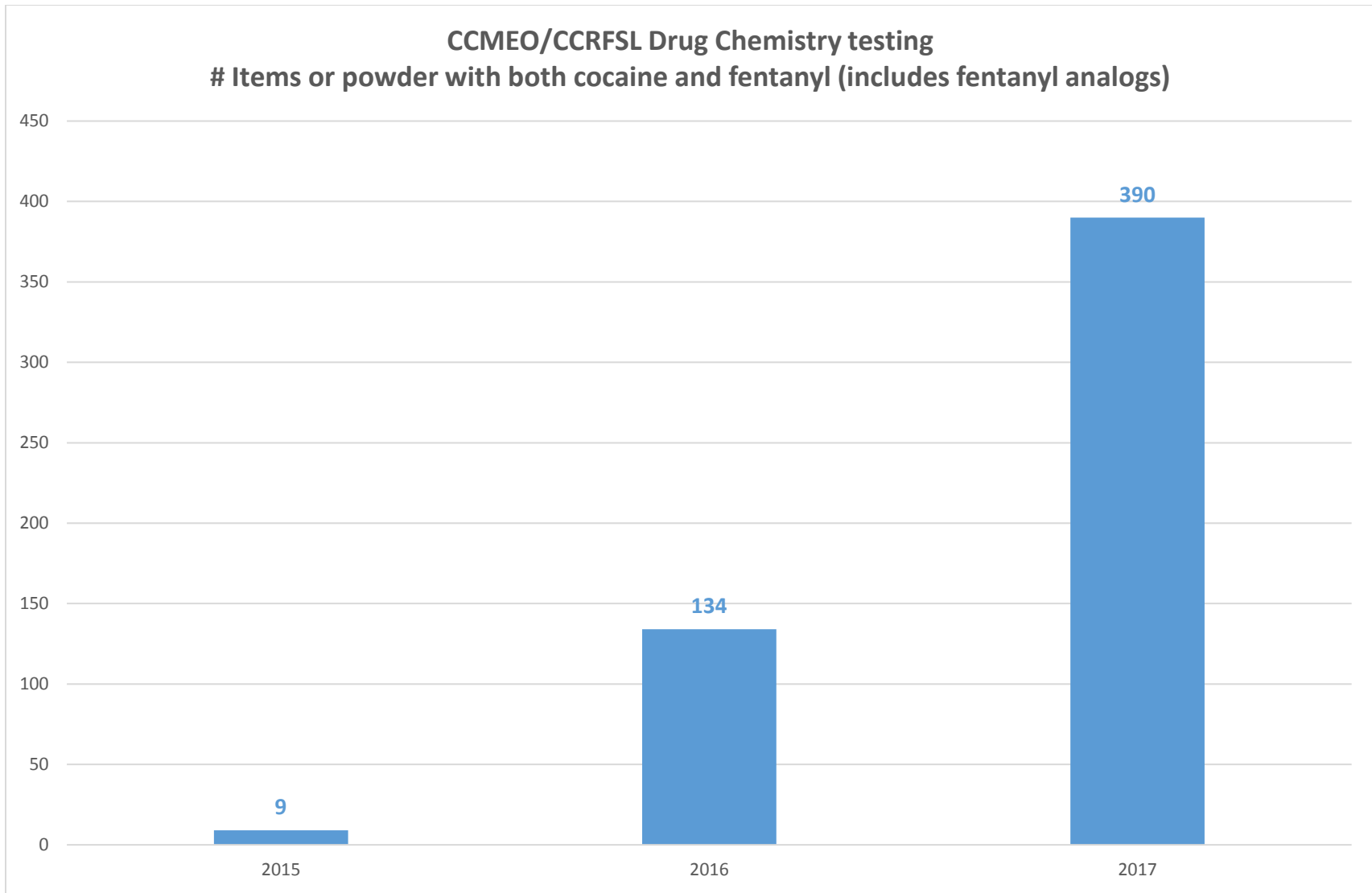


CCRFSL, Drug Chemistry Lab Positive Findings of Fentanyl Analogs 2016-2017



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





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

