



Thomas P. Gilson, M.D.

11001 Cedar Avenue, Cleveland, Ohio 44106

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CUYAHOGA COUNTY

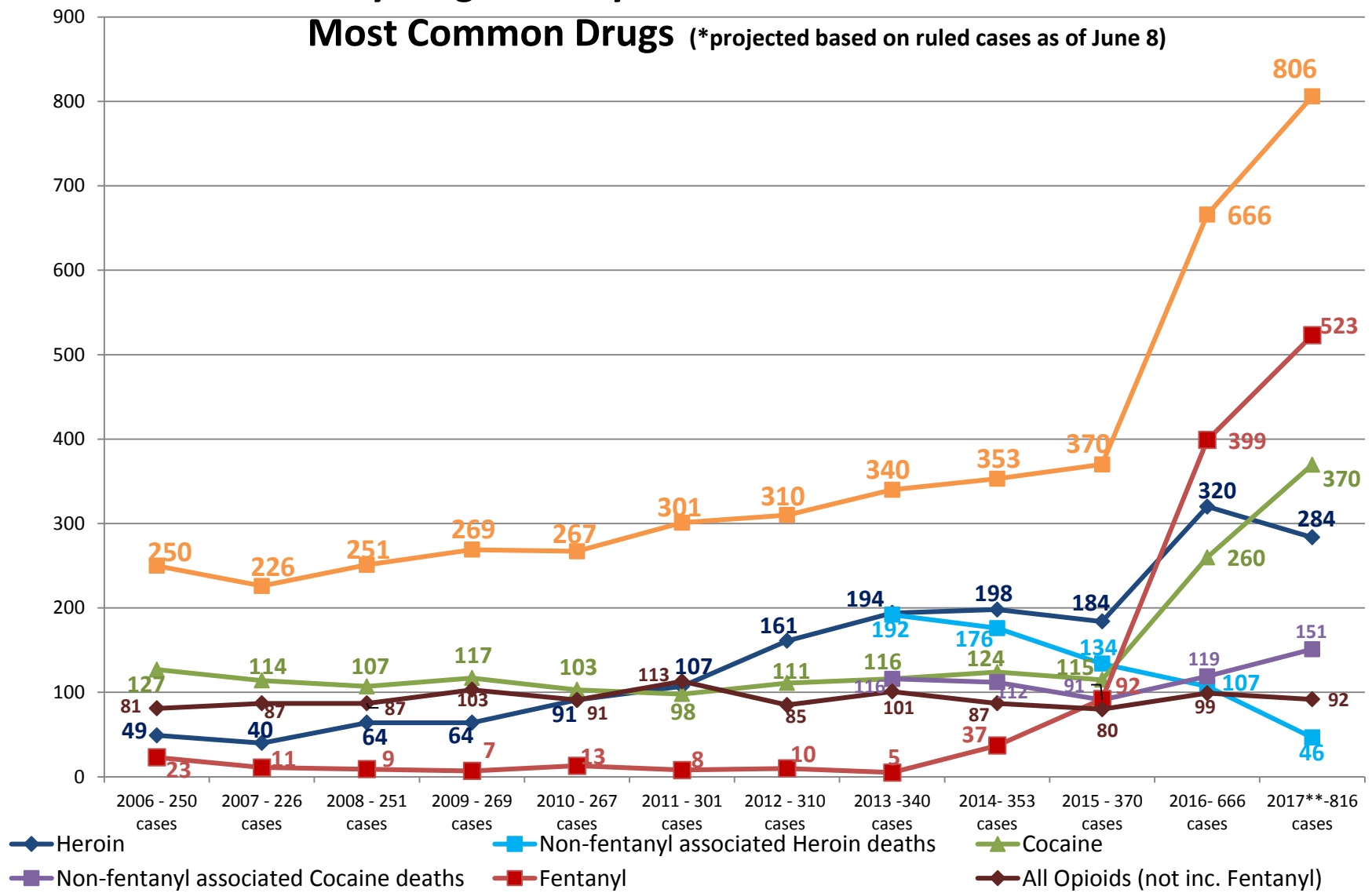
MEDICAL EXAMINER'S OFFICE

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

JUNE 8, 2017

Cuyahoga County Overdose Deaths 2006-2017*

Most Common Drugs (*projected based on ruled cases as of June 8)



Source: Cuyahoga County Medical Examiner's Office revised 6-8-17



CURRENT PUBLIC HEALTH CRISIS — at least 17 fatalities since June 1

Fatal Cases due to heroin/fentanyl in May—at least **41 (6 cases pending additional testing)**

18 - City of Cleveland Residents

20 - Suburban Residents- Cleveland Hts. (2), East Cleveland (2), Euclid (2), Garfield Hts. (2), Maple Hts., North Olmsted, North Royalton, Olmsted Falls, Parma (5), Parma Hts., Seven Hills, Westlake and

(3) Out of County – Columbus, Mentor and Ravenna.

VICTIMS

Victims' ages range from 18 – 69

34 Male victims; 7 Female victims

3 African American victims; 38 Caucasian victims (1 Hispanic victim)

TRENDS

At least **248** victims have died from heroin/fentanyl or in combination in 2017. This compares to 179 through end of May 2016. Drug deaths in 2017 total at least **312** fatalities when including cocaine as well.

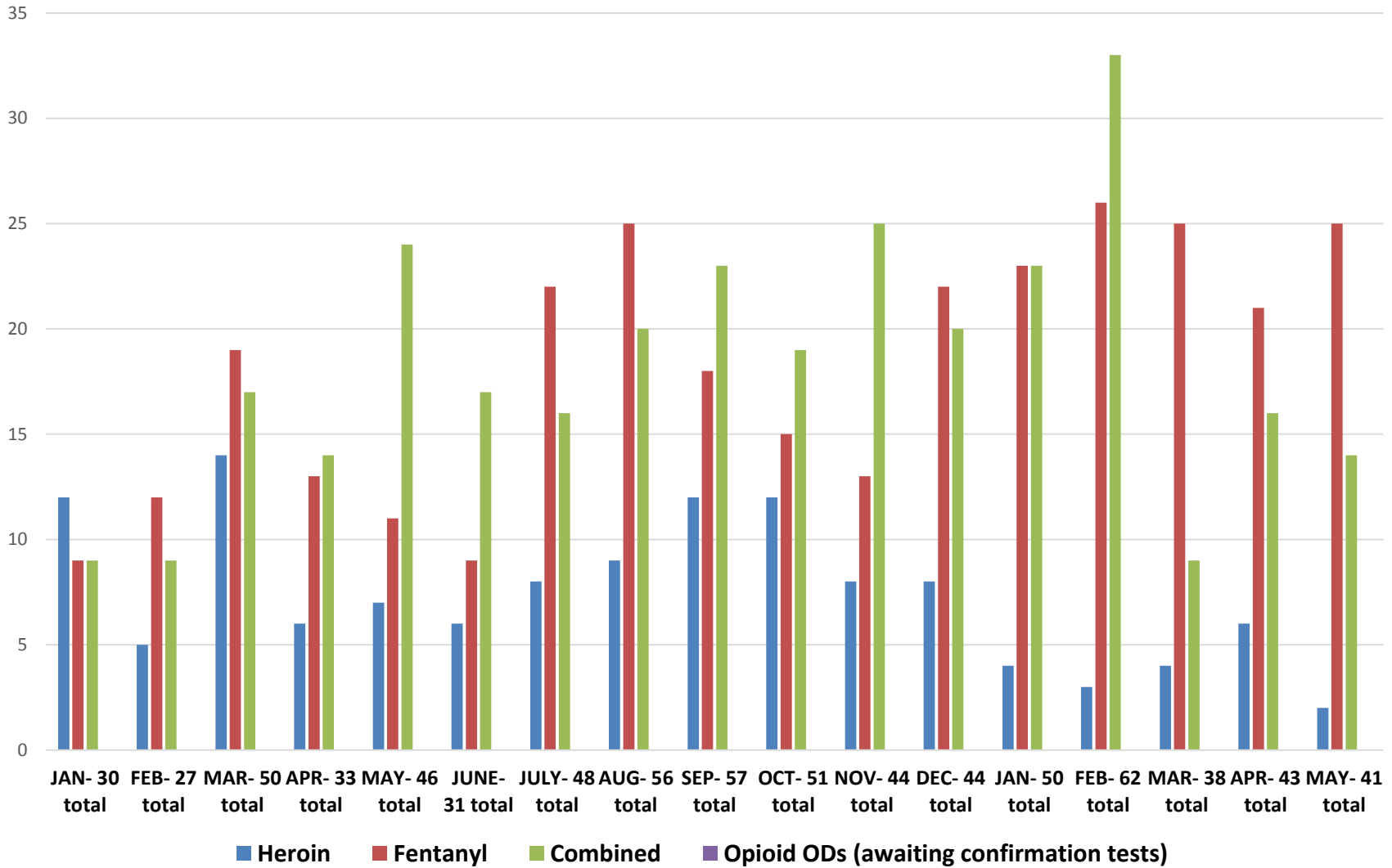
Carfentanil: 58 CONFIRMED FATAL CASES in 2016; 8 in 2017

Rate of African American deaths involving fentanyl is 20.9% of all victims, nearly double the rate of 2016 (13%). At least 17 cocaine related deaths occurred in May (at least 159 for 2017), with 10 being mixed with Fentanyl, Heroin or both (at least 88 for the year).

*Source: Cuyahoga County Medical
Examiner's Office revised 6-8-17*



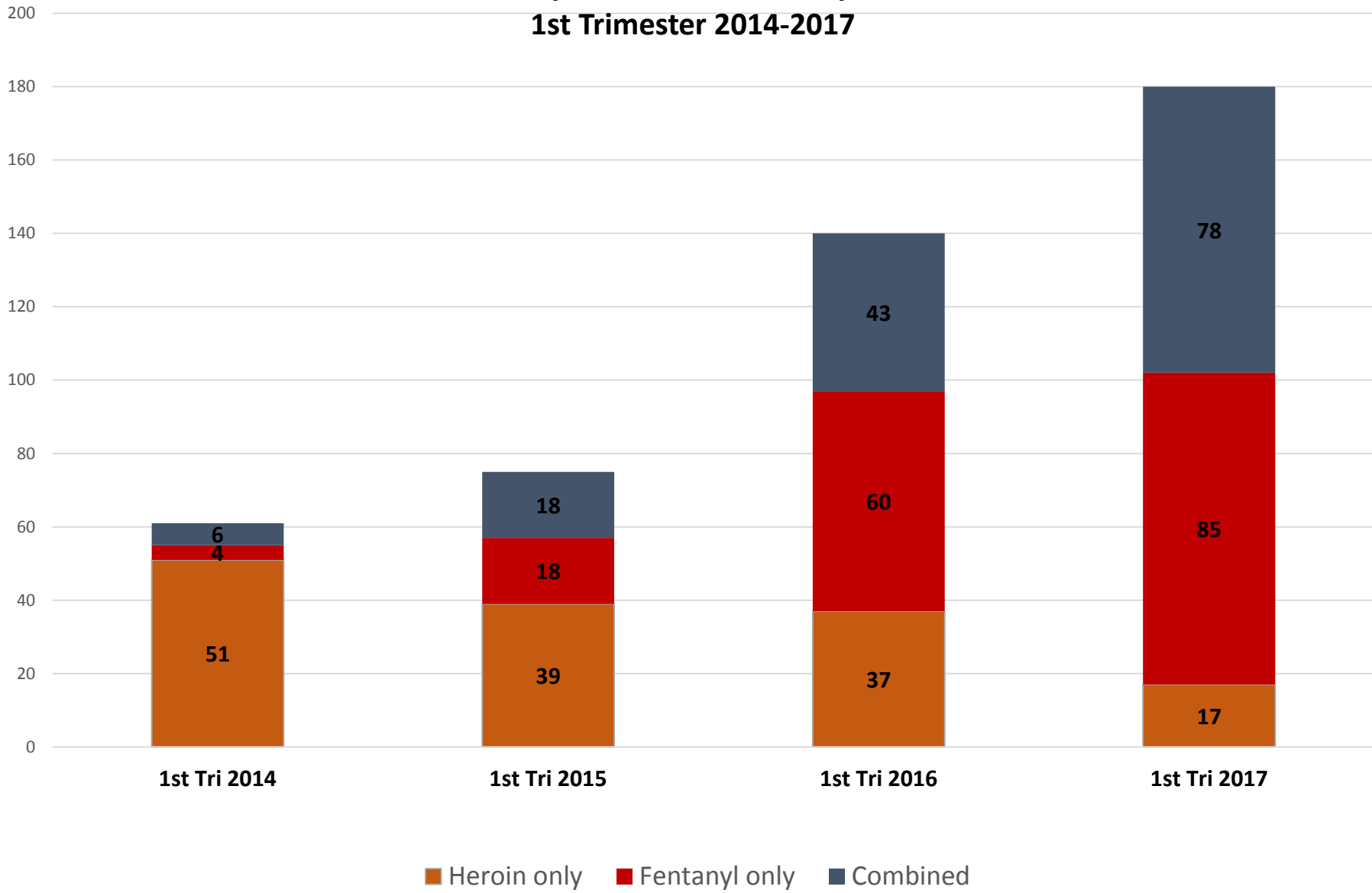
CCMEO 2016-17 Fentanyl & Heroin Related Deaths, by Month



Source: Cuyahoga County Medical Examiner's Office revised 6-8-17



CCMEO Heroin, Fentanyl and Heroin/Fentanyl Combination Deaths 1st Trimester 2014-2017



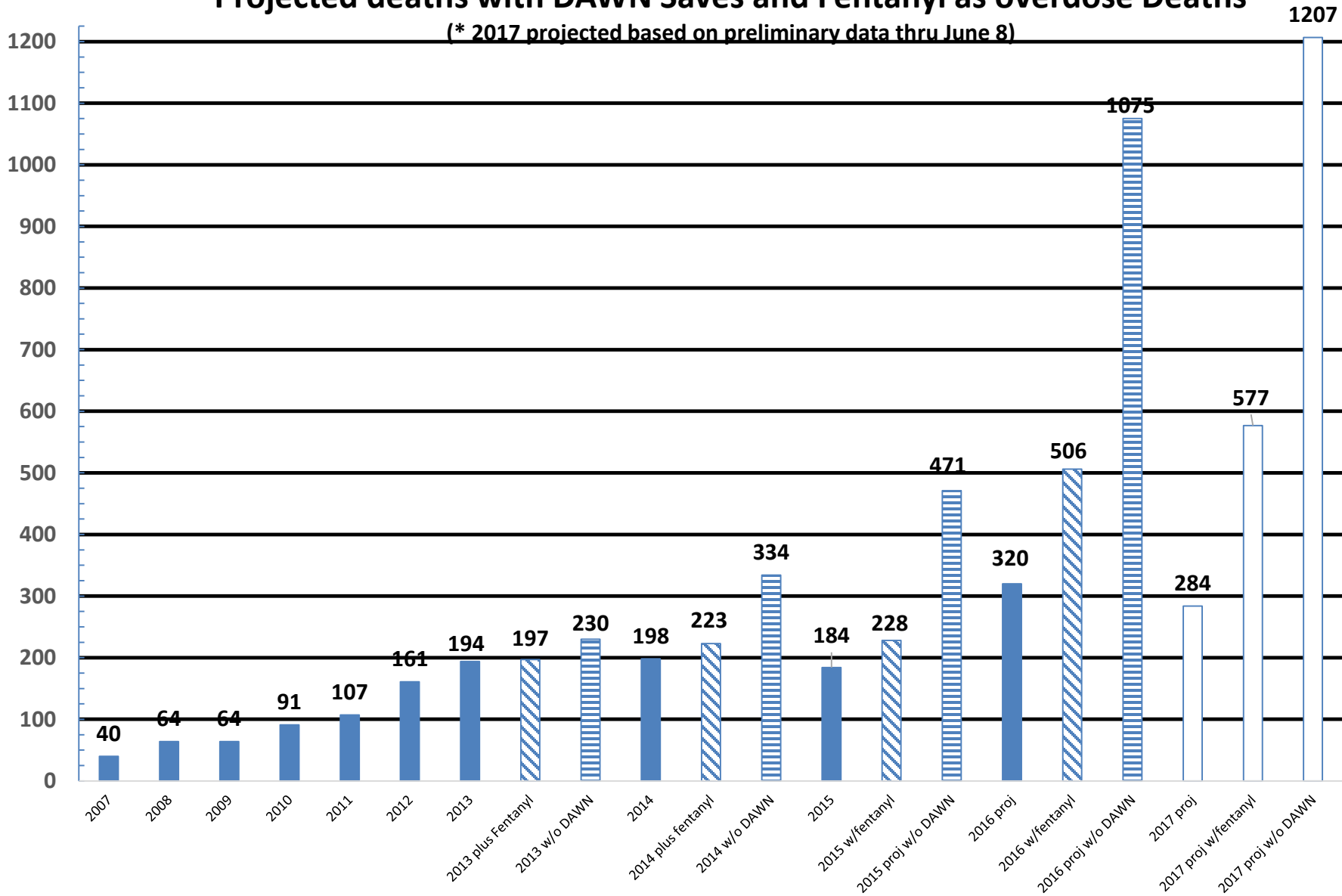
Source: Cuyahoga County Medical Examiner's Office revised 5-15-17



Cuyahoga County Heroin Related Overdose Deaths 2007-2017*

Projected deaths with DAWN Saves and Fentanyl as overdose Deaths

(* 2017 projected based on preliminary data thru June 8)

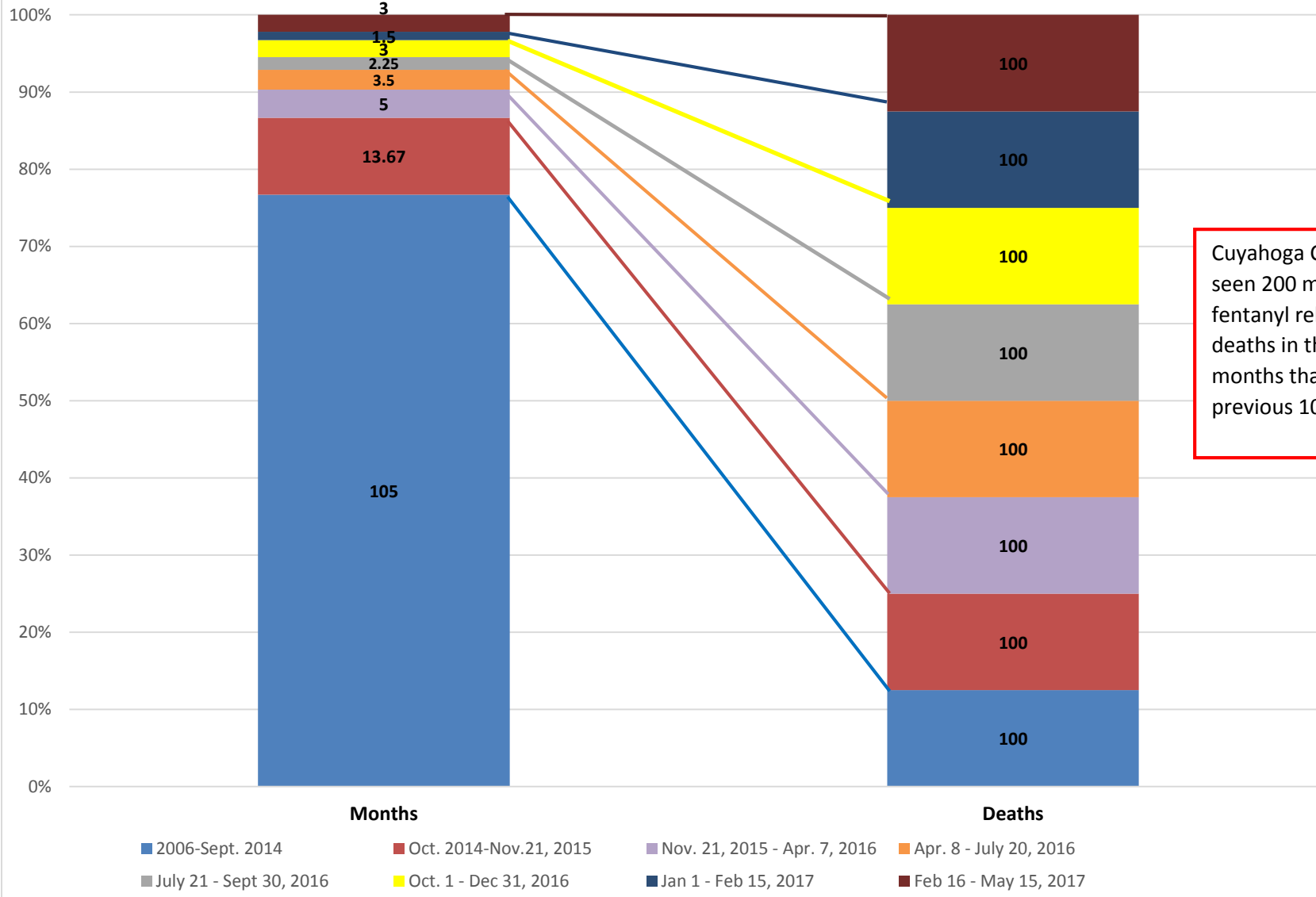


Source: Cuyahoga County Medical Examiner's Office revised 6-8-17

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).



Cuyahoga County Fentanyl Deaths 2006-2017



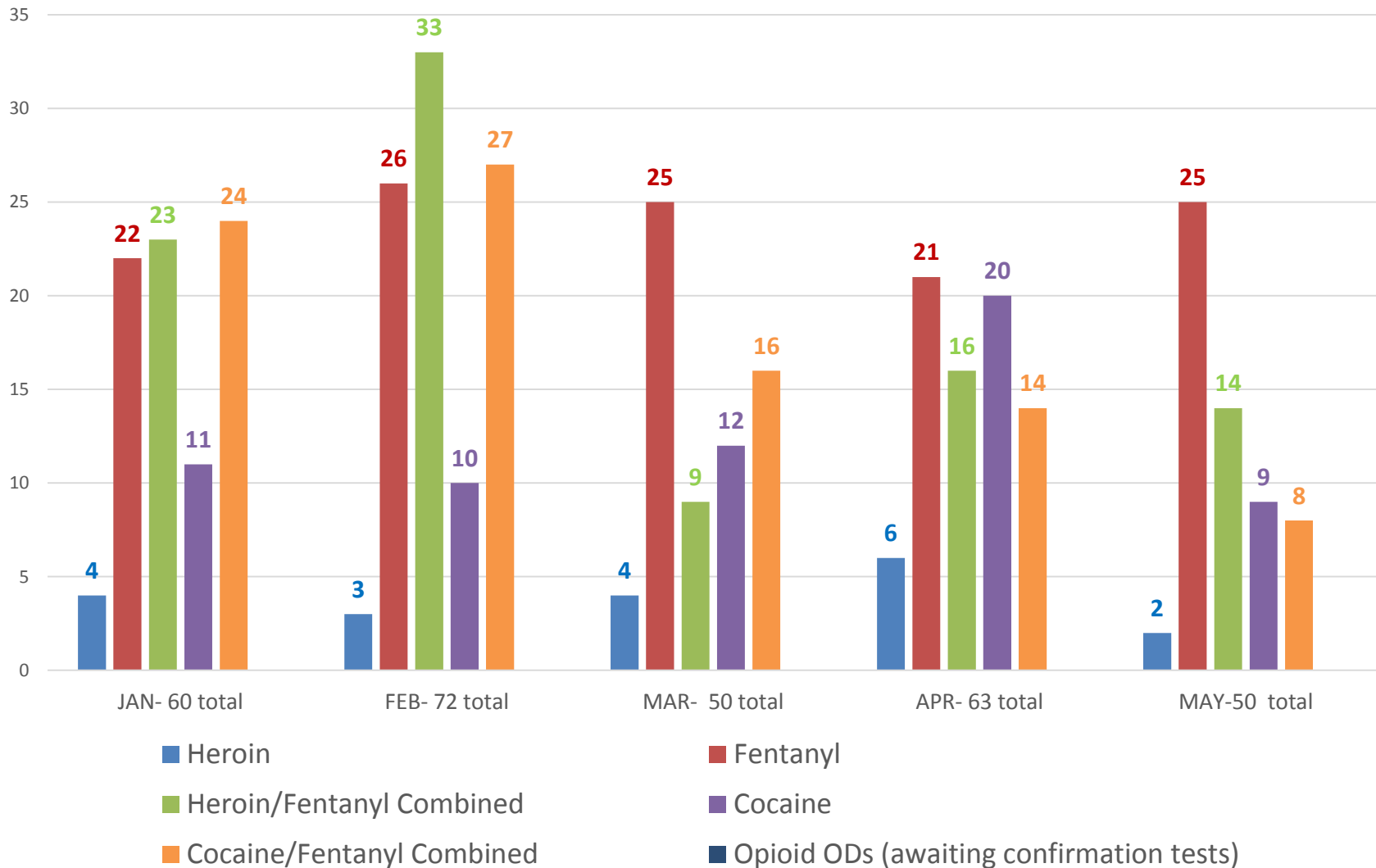
Cuyahoga County has seen 200 more fentanyl related deaths in the past 13 months than the previous 10 years.

Source: Cuyahoga County Medical Examiner's Office revised 6-1-17



2017 CCMEO Overdose Deaths, Most Common Drugs Involved

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

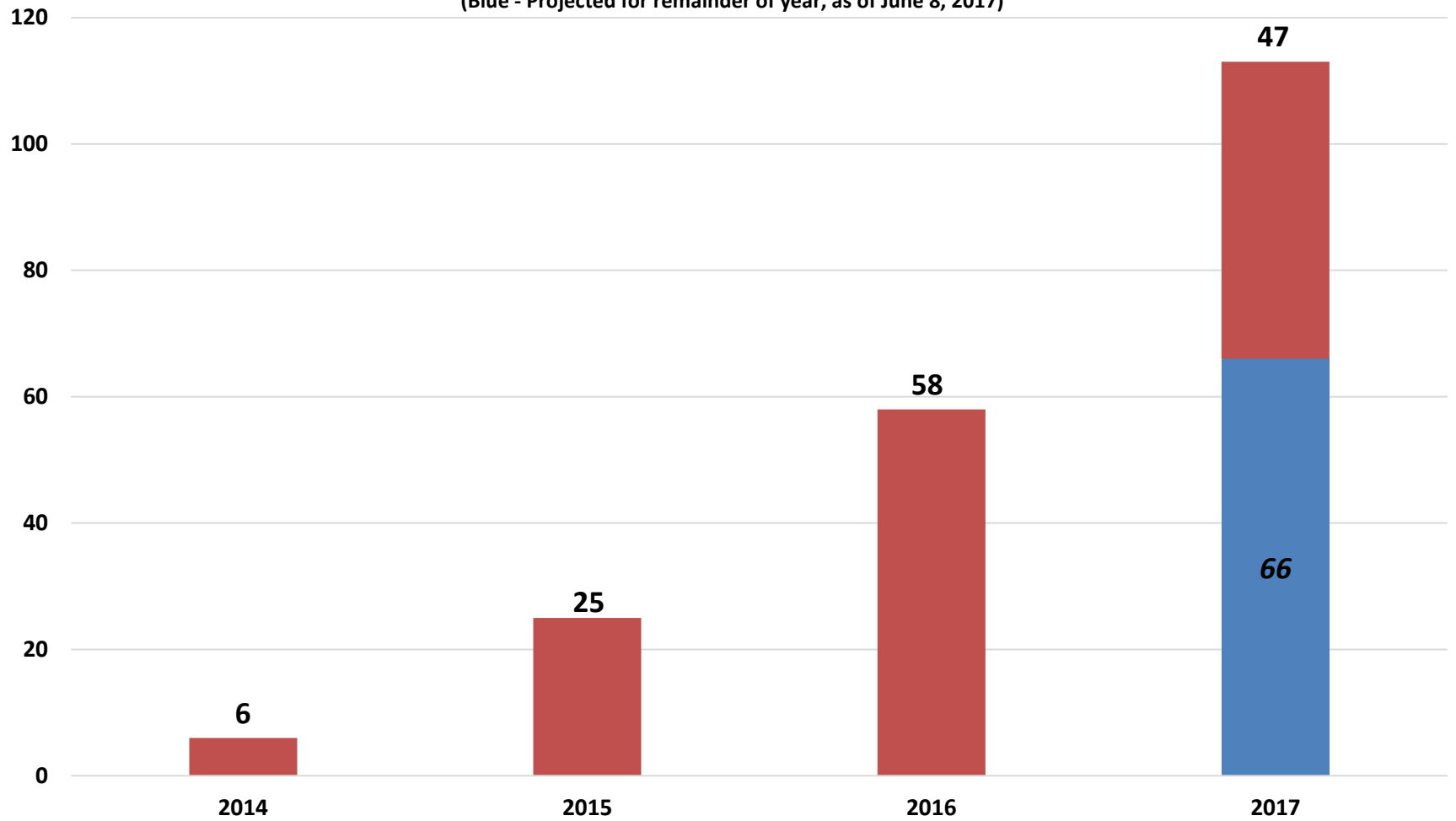


Source: Cuyahoga County Medical Examiner's Office revised 6-1-17



CCMEO Fentanyl-related fatalities among African Americans 2014-2017*

(Blue - Projected for remainder of year, as of June 8, 2017)



Source: Cuyahoga County Medical Examiner's Office revised 6-8-17

