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CUYAHOGA COUNTY

MEDICAL EXAMINER'S OFFICE

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

DRAFT 2021 February UPDATE

March 15, 2021

CURRENT PUBLIC HEALTH EMERGENCY –

Fatal Cases due to heroin/fentanyl/analogs in FEBRUARY– at least 34 (16 cases pending testing)

21 - City of Cleveland Residents

7 - Suburban Residents- Brooklyn, Cleveland Hts., East Cleveland, Newburgh Hts., North Royalton (2), Parma

6 – Out of County –Chardon (Geauga Co.), Conneaut (Ashtabula Co.), North Ridgeville (Lorain Co.), Northfield (2) (Summit Co.), and Willoughby (Lake Co.)

VICTIMS

Victims' ages range from under 1 - 68

27 Male victims; 7 Female victims

12 African American victims; 1 Asian victim and 21 Caucasian victims (2 Hispanic victims)

TRENDS

At least **77** victims have died from heroin/fentanyl/analog or in combination through February 2021. This compares to 51 in 2020; 90 in 2019; 69 in 2018 and 112 in 2017. 2021 total is at least **83** fatalities when including cocaine as well.

Carfentanil: 191 cases in 2017; 24 cases in 2018; 220 in 2019; 63 confirmed in 2020; 0 as of 3/12/21

Rate of African American deaths involving fentanyl is 22.73% of all victims in 2021, slightly less than the 25.00% of all victims in 2020 and 27.80% in 2019, but much higher than 2016 (14.5%), the 20.33% in 2017 and 21.61 in 2018. As many as 25 cocaine related deaths occurred in February 2021 with as many as 17 being mixed with Fentanyl, Heroin or both.

Source: Cuyahoga County Medical
Examiner's Office revised 3-12-21



CURRENT PUBLIC HEALTH EMERGENCY –

Fatal Cases due to heroin/fentanyl/analogs in JANUARY– at least **43 (6 cases pending testing)**

24 - City of Cleveland Residents

17 - Suburban Residents- Beachwood, Broadview Hts., Brook Park, Brooklyn, Euclid, Lakewood (4), Parma (3), Parma Hts., Seven Hills, South Euclid, Unknown

2 – Out of County –Indianapolis (IN), North Ridgeville (Lorain Co.),

VICTIMS

Victims' ages range from 27 - 63

27 Male victims; 16 Female victims

10 African American victims; and 33 Caucasian victims (1 Hispanic victim)

TRENDS

At least **43** victims have died from heroin/fentanyl/analog or in combination through January 2021. This compares to 28 in 2020; 51 in 2019; 34 in 2018 and 52 in 2017. 2020 total is at least **48** fatalities when including cocaine as well.

Carfentanil: 191 cases in 2017; 24 cases in 2018; 220 in 2019; 63 confirmed in 2020; 0 as of 3/12/21

Rate of African American deaths involving fentanyl is 26.32% of all victims in 2021, slightly less than the 25.00 in 2020 and 27.80% in 2019, but much higher than 2016 (14.5%), the 20.33% in 2017 and 21.61 in 2018. As many as 21 cocaine related deaths occurred in January 2021 with as many as 16 being mixed with Fentanyl, Heroin or both.

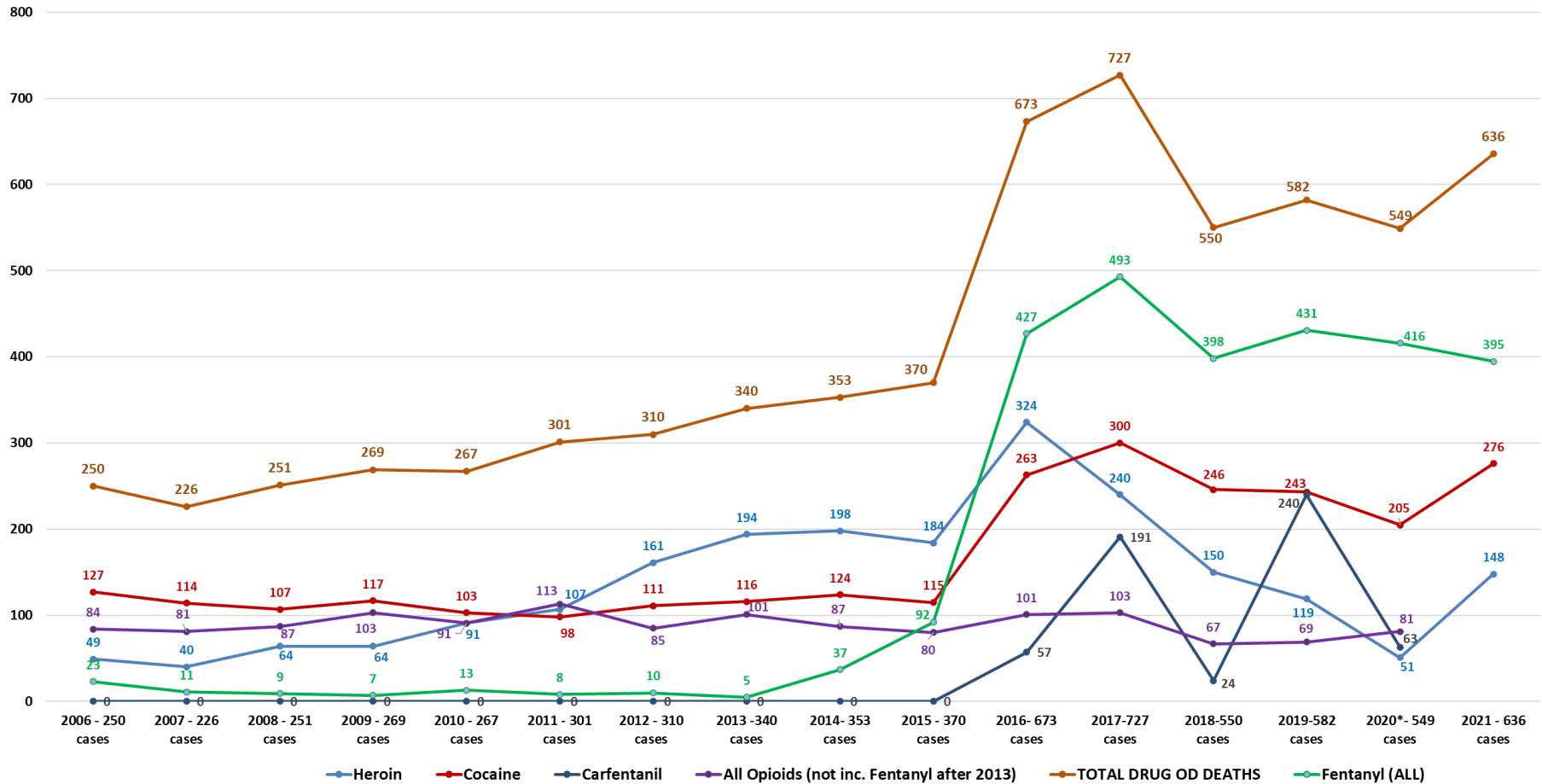
*Source: Cuyahoga County Medical
Examiner's Office revised 3-12-21*



Cuyahoga County Overdose Deaths 2006-2021*

Most Common Drugs

*(2021 projections based on data through March 15, 2021)



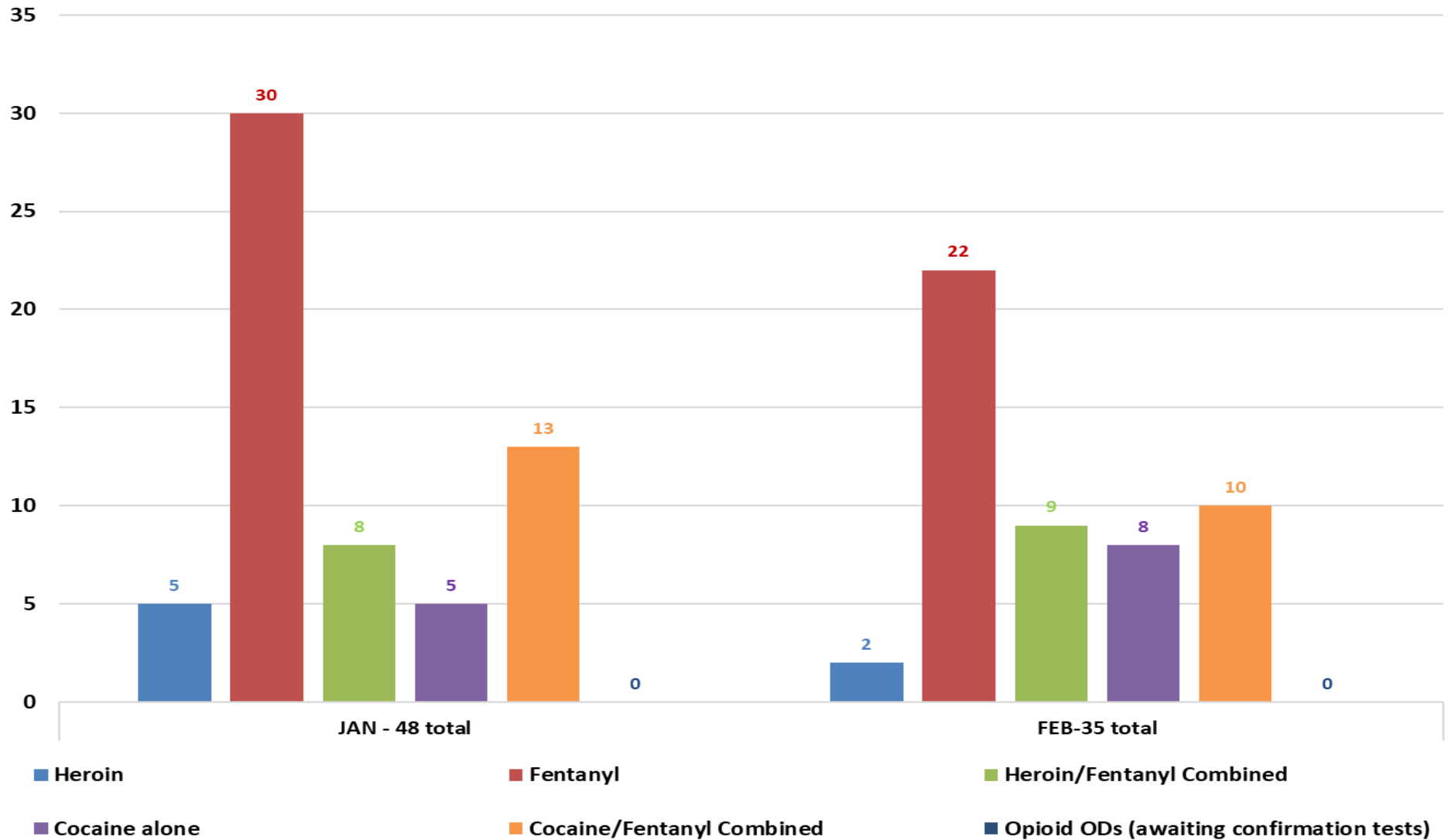
Source: Cuyahoga County Medical Examiner's Office revised 3-12-21



2021 CCMEO Overdose Deaths, Most Common Drugs Involved*(thru Mar. 15, 2021)

Combined is heroin and fentanyl or cocaine and fentanyl in some combination

(Fentanyl analogues will be counted under Fentanyl Columns)

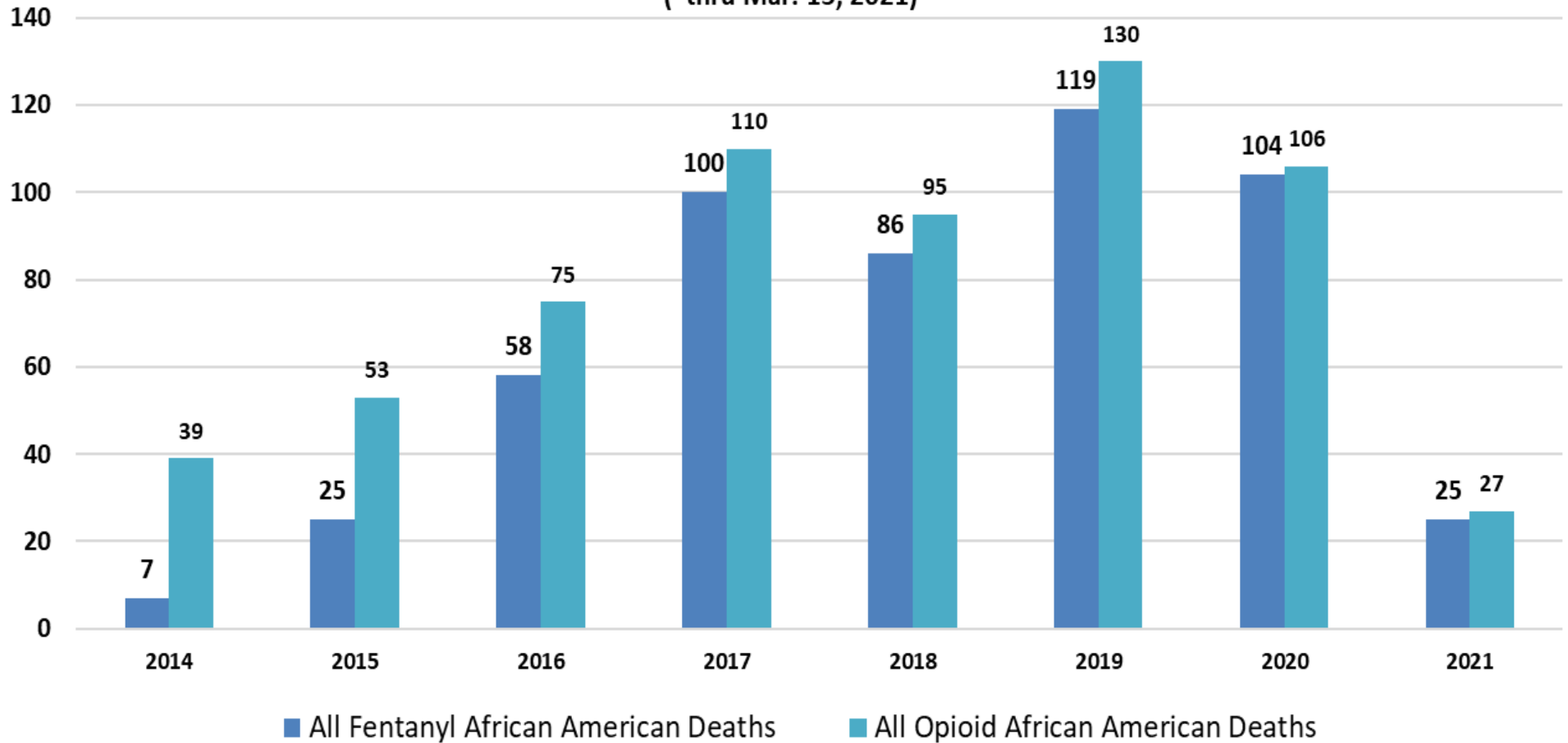


Source: Cuyahoga County Medical Examiner's Office revised 11-12-20



CCMEO Fentanyl-related fatalities among African Americans 2014-2021*

(*thru Mar. 15, 2021)



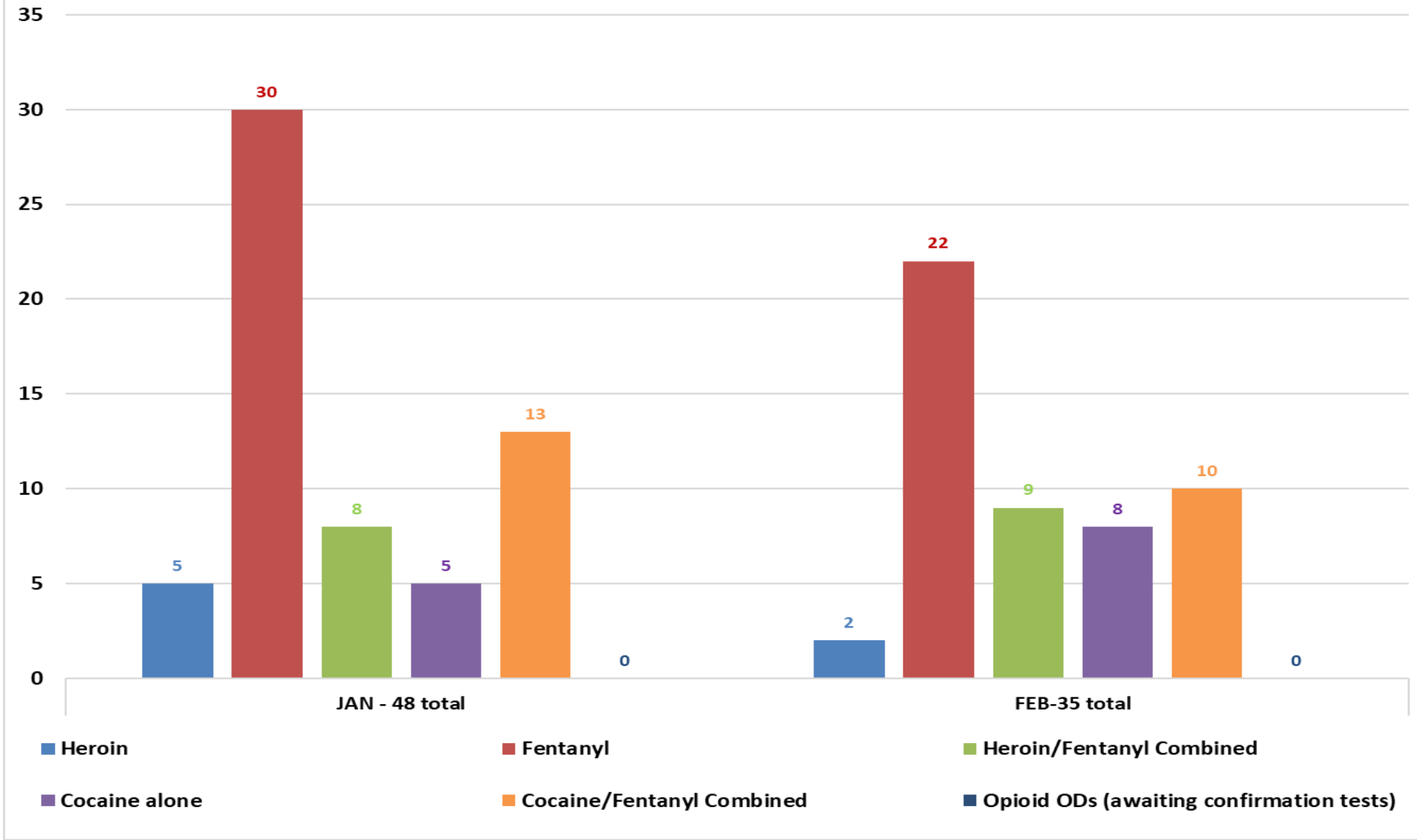
Source: Cuyahoga County Medical Examiner's Office revised 1-21-21



2021 CCMEO Overdose Deaths, Most Common Drugs Involved*(thru Mar. 15, 2021)

Combined is heroin and fentanyl or cocaine and fentanyl in some combination

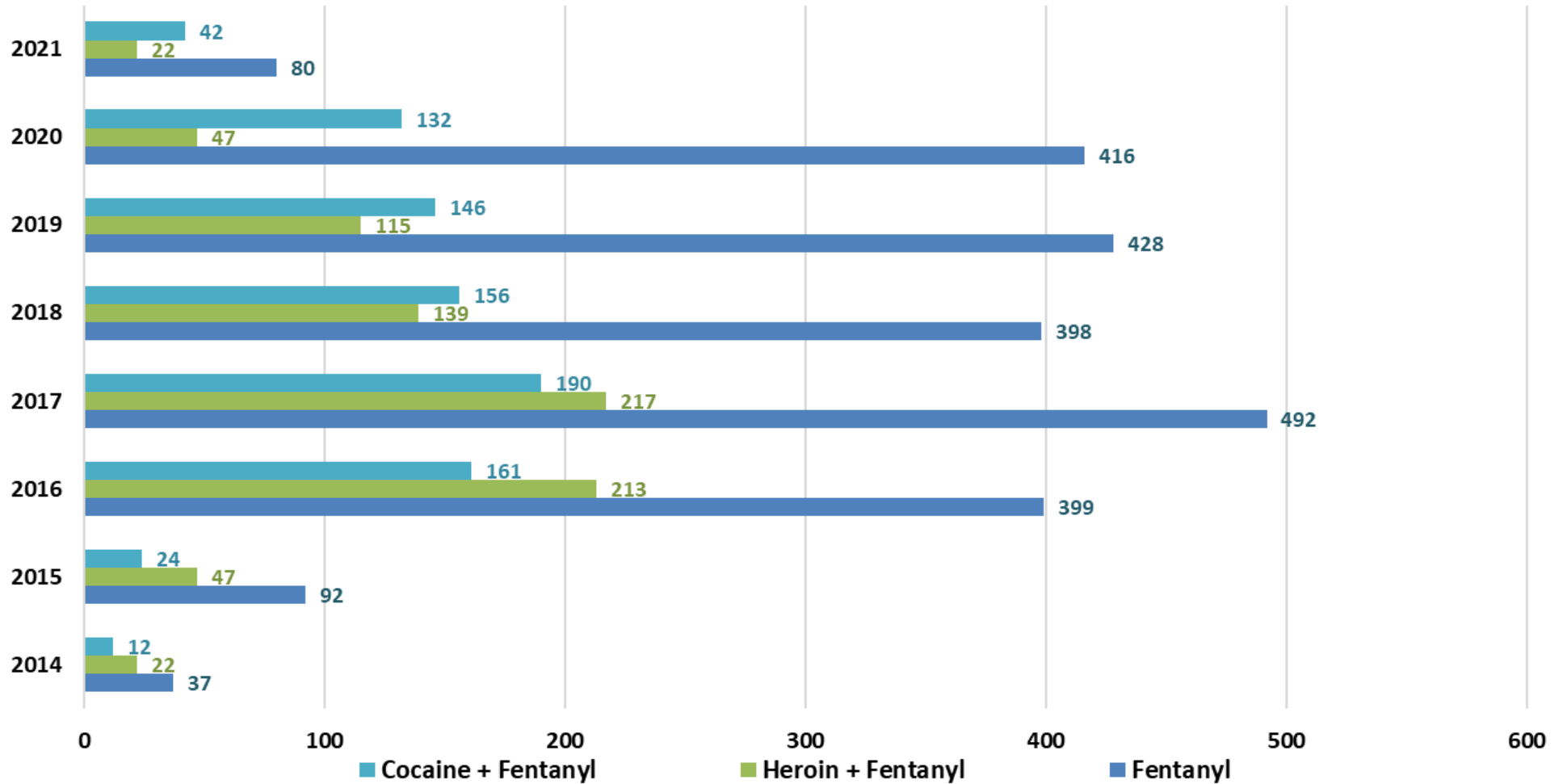
(Fentanyl analogues will be counted under Fentanyl Columns)



Source: Cuyahoga County Medical Examiner's Office revised 3-15-21



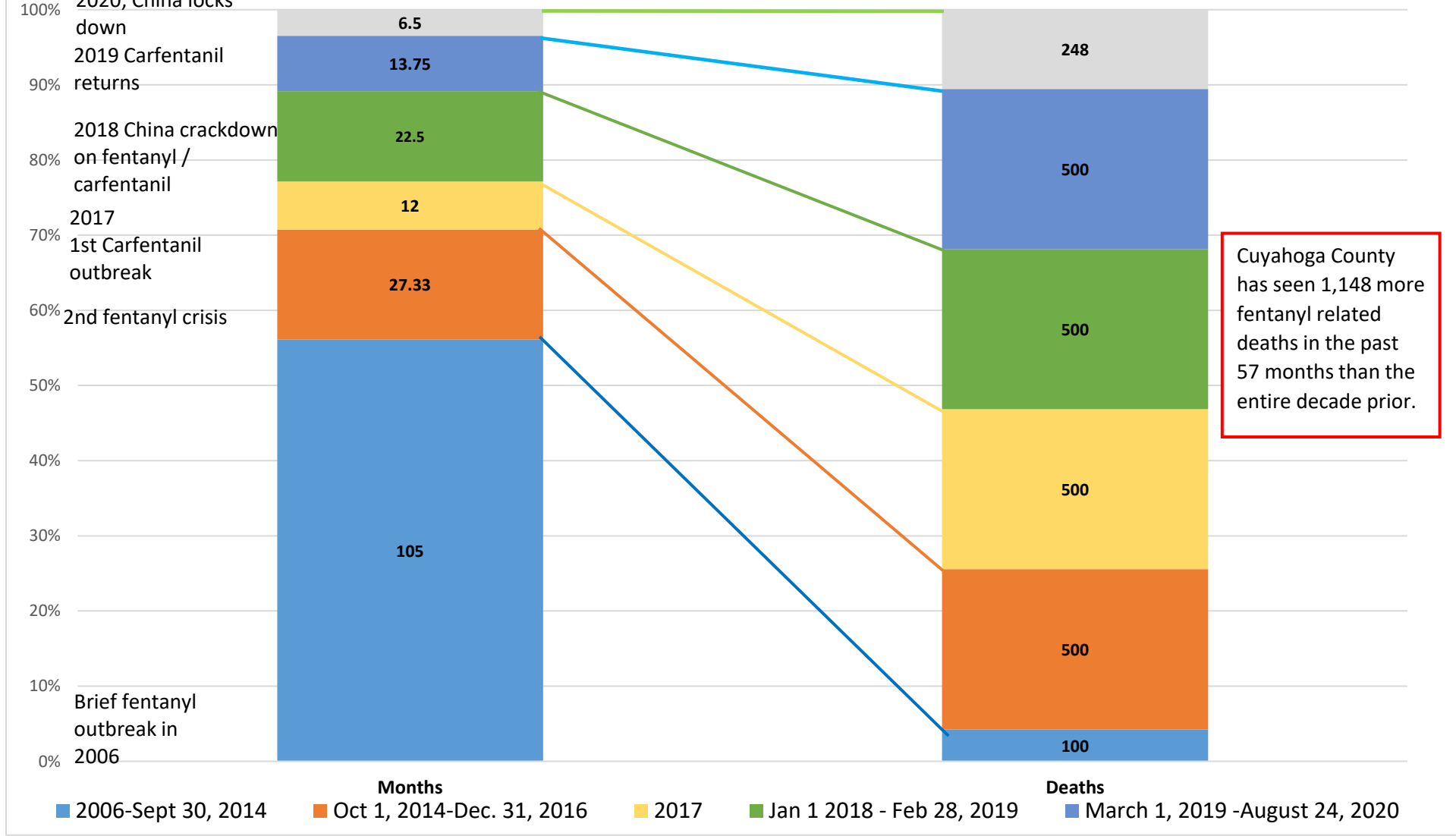
CCMEO, Proliferation of Heroin/Fentanyl and Cocaine/Fentanyl mixtures in fatalities 2013-2021* (* thru March 15, 2021)



Source: Cuyahoga County Medical Examiner's Office revised 3-15-21



Cuyahoga County Fentanyl Deaths 2006-2021

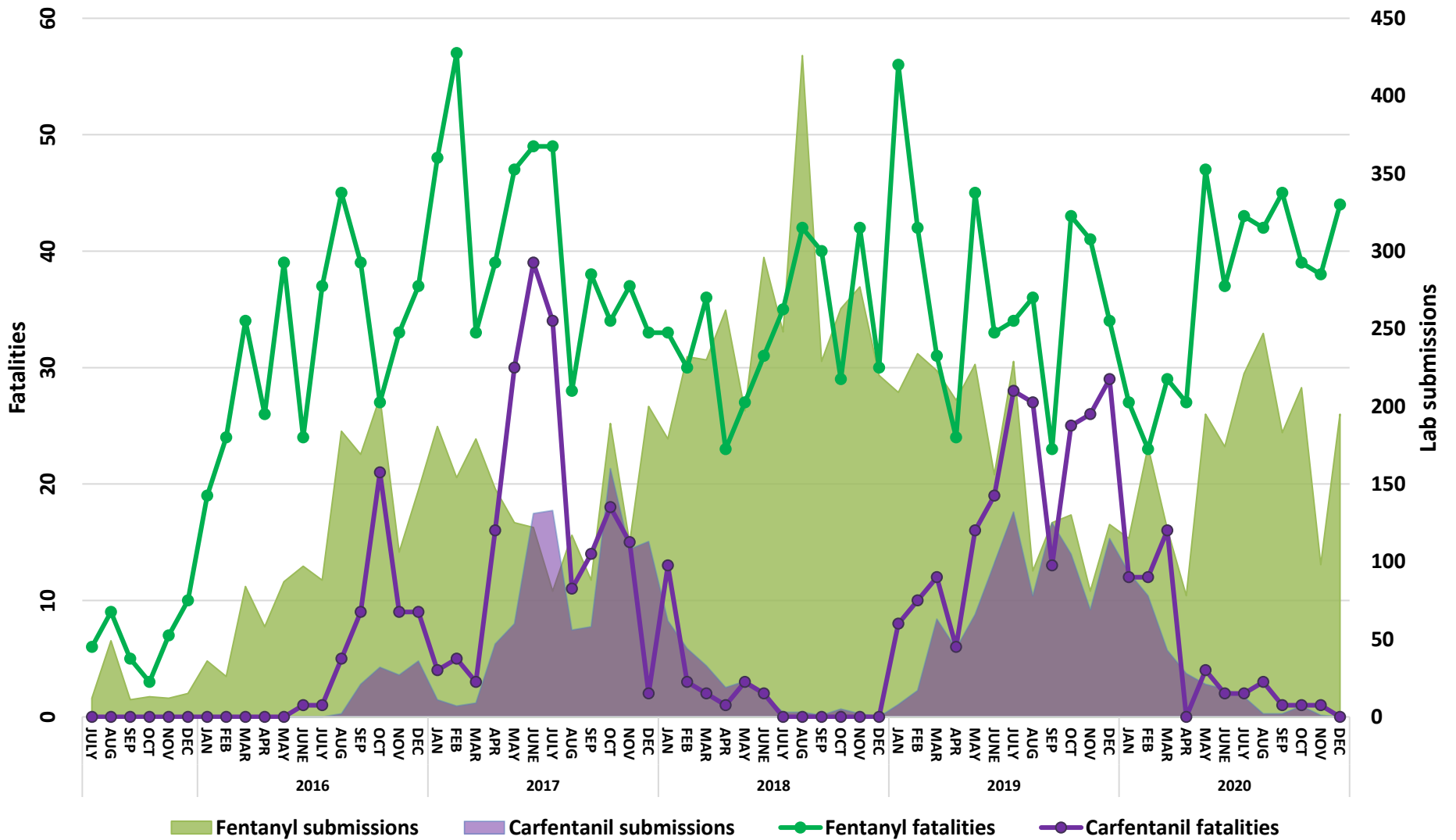


Cuyahoga County has seen 1,148 more fentanyl related deaths in the past 57 months than the entire decade prior.

Source: Cuyahoga County Medical Examiner's Office revised 3-15-21



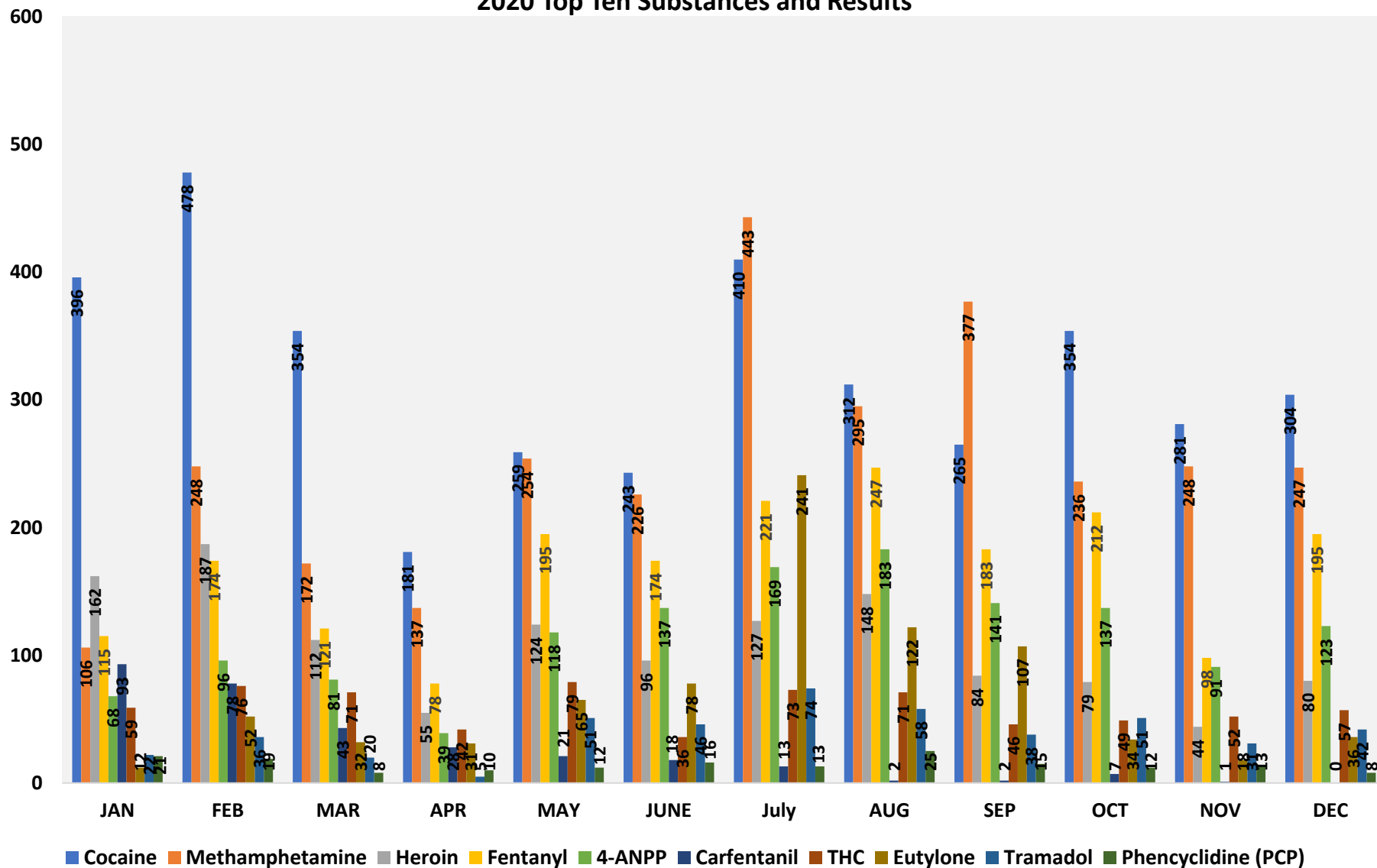
CCMEO/CCRFSL Relationship of Fentanyl and Carfentanil Fatalities and Fentanyl and Carfentanil Lab Submissions 2014-2020



Source: Cuyahoga County Medical Examiner's Office revised 1-21-21



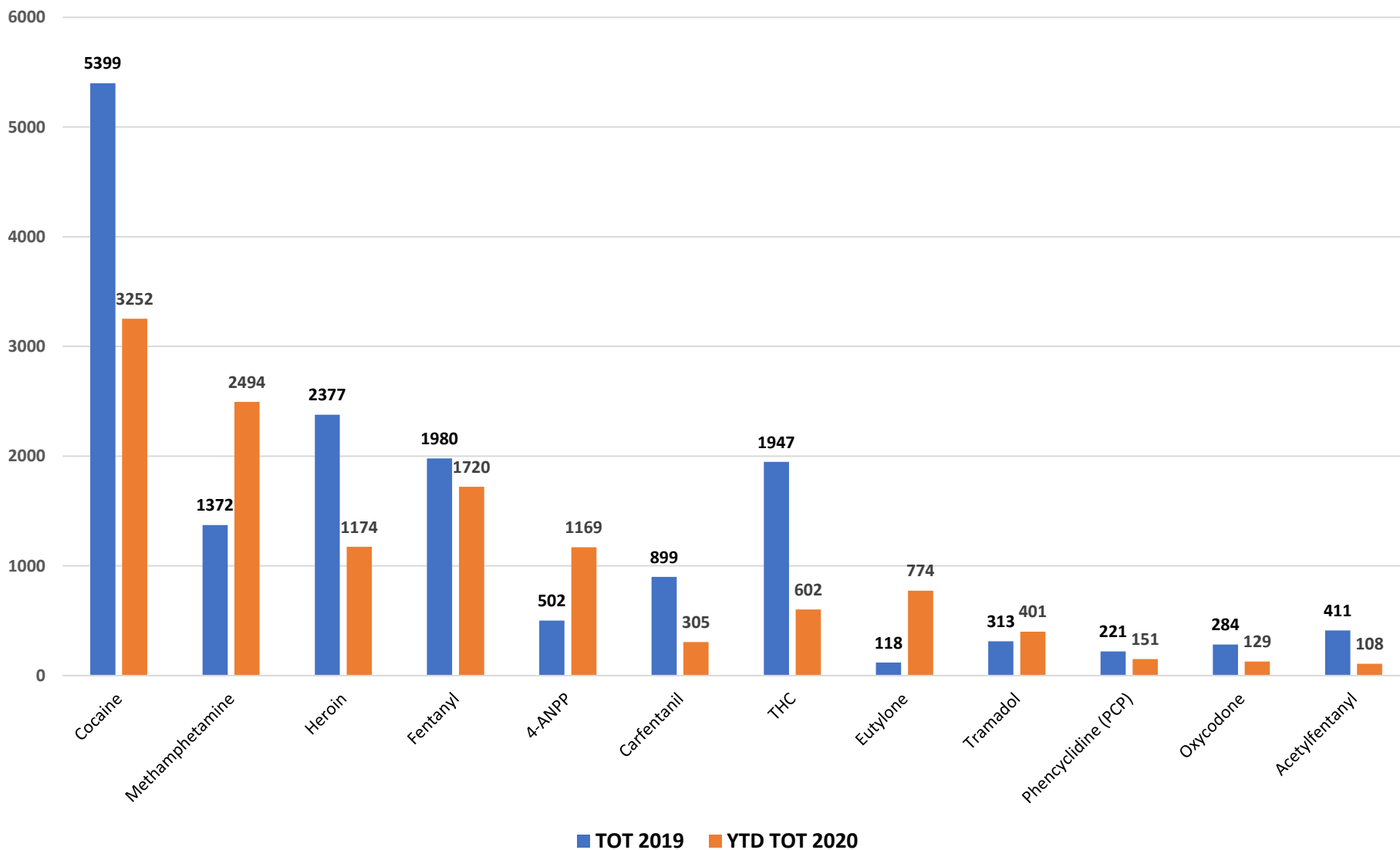
CCMEO Drug Chemistry Lab Submissions 2020 Top Ten Substances and Results



Source: Cuyahoga County Medical Examiner's Office revised 1-21-21



CCRFSL Drug Chemistry Submissions and Results 2019 TOP 10 vs. 2020 TOP 10



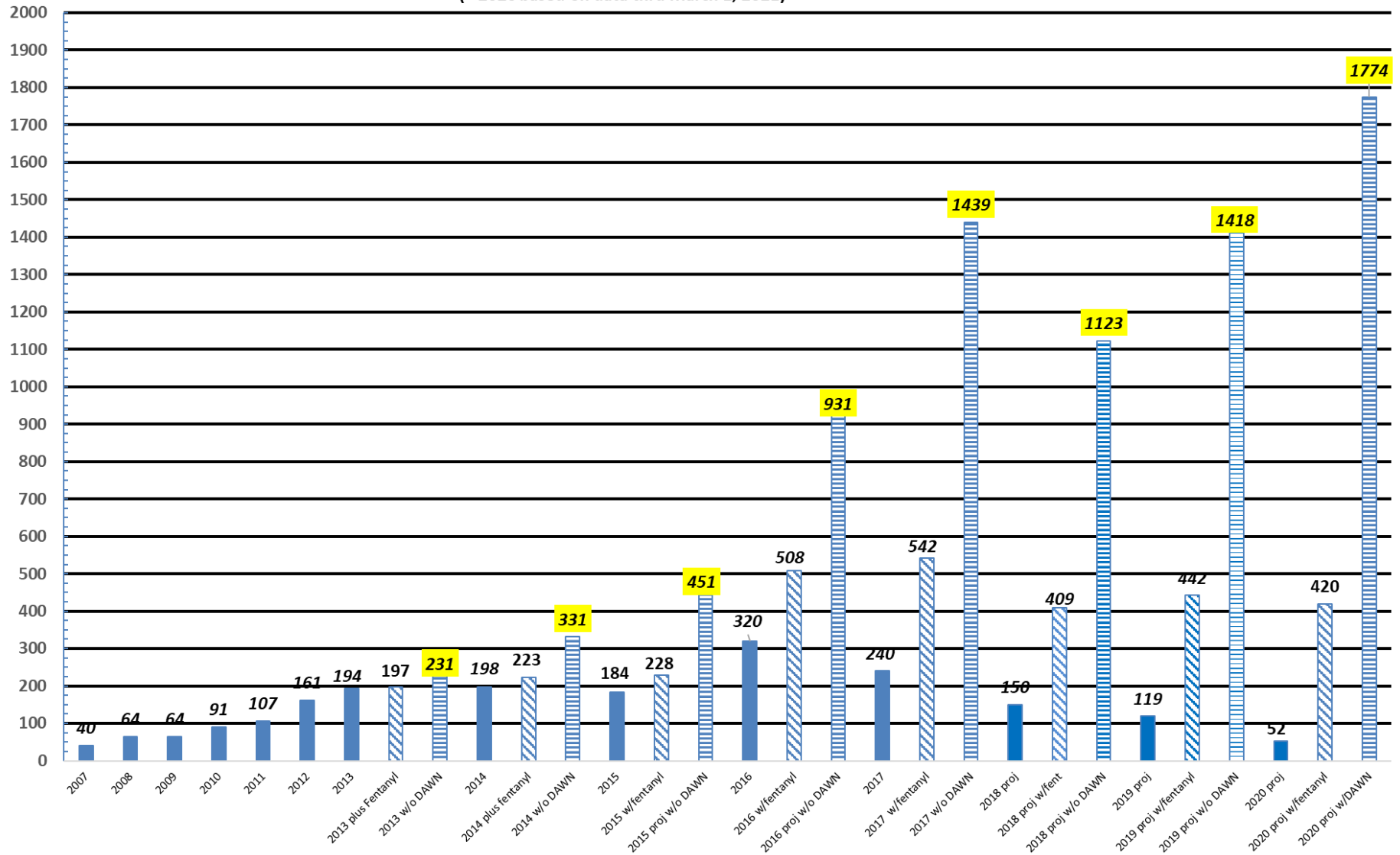
Source: Cuyahoga County Medical Examiner's Office revised 1-21-21



Cuyahoga County Heroin/Fentanyl Related Overdose Deaths 2013-2020*

Projected deaths with DAWN Saves as overdose Deaths

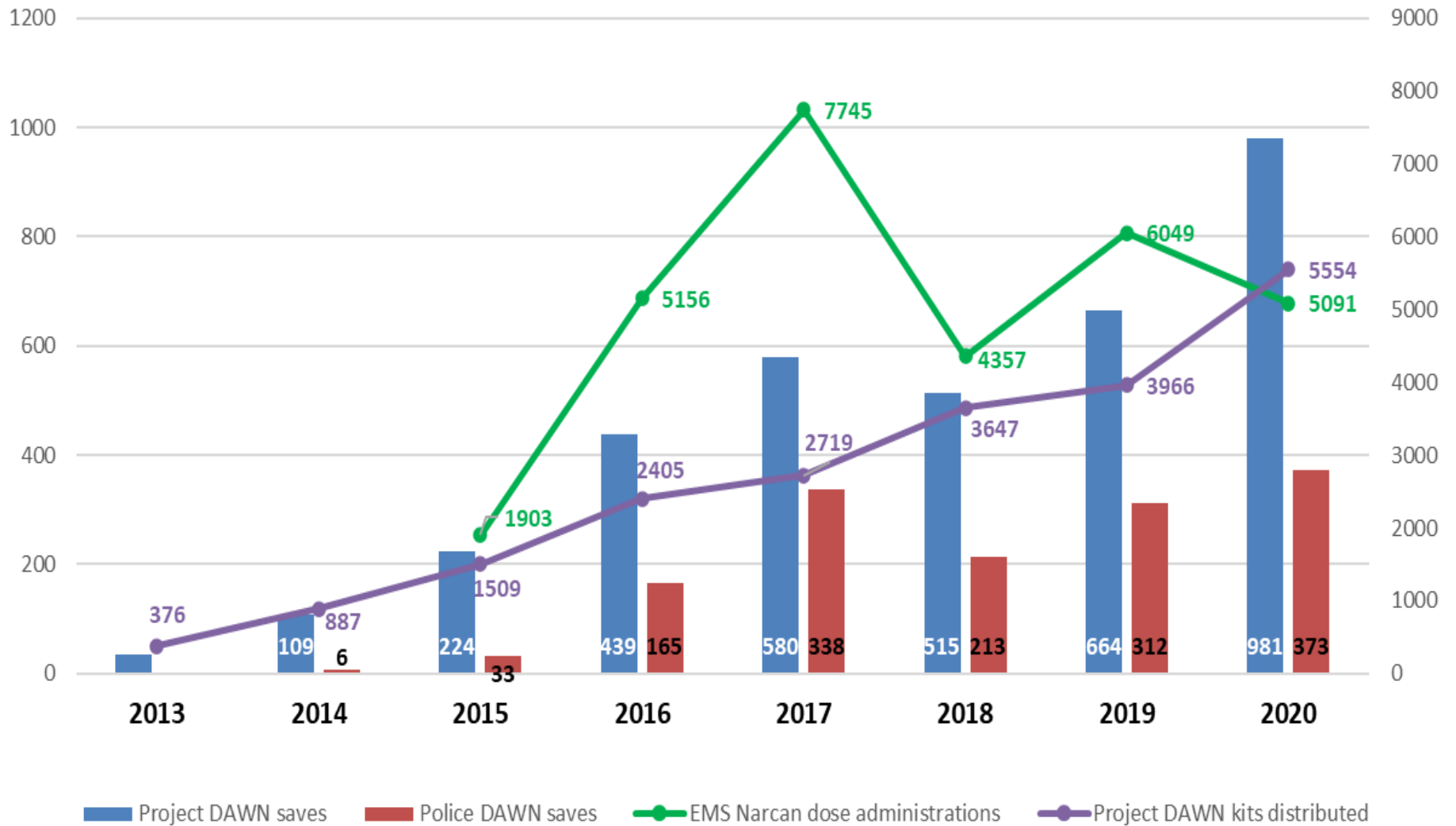
(* 2020 based on data thru March 1, 2021)



Source: Cuyahoga County Medical Examiner's Office revised 3-15-21



Nalxone in Cuyahoga County



Source: Cuyahoga County Medical Examiner's Office revised 3-15-21

