



# LIVE.LONG.DC. Summit Data Presentations

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July 28, 2021

# Live Long DC - Opioid Stakeholders Summit

7-28-21



# Office of the Chief Medical Examiner



The DC Office of the Chief Medical Examiner (OCME) has investigated a total of **1543** opioid-related fatal overdose from January 2016 to April 30, 2021.



# Demographic Figures

Fig. 5: Drug Overdoses due to Opioid Use by Age

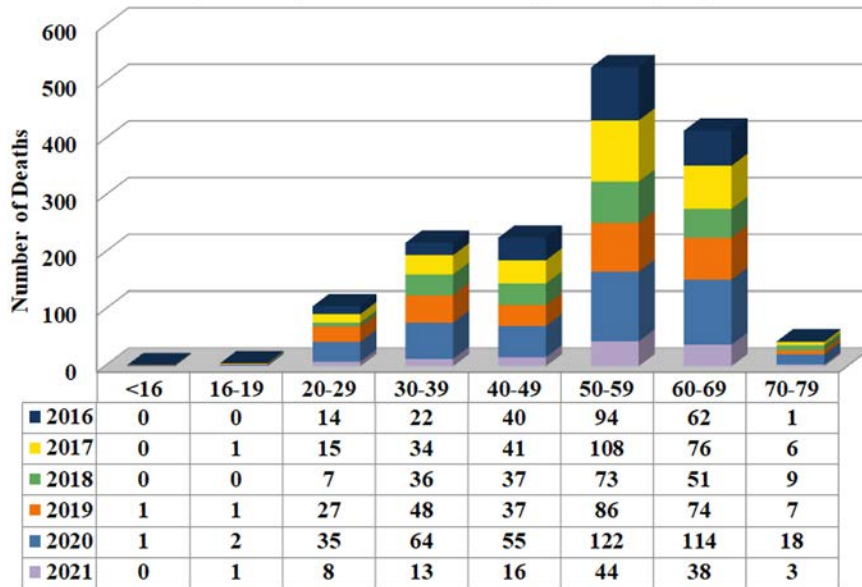


Figure 7: Percentage of Drug Overdoses due to Opioid Use by Gender and Year

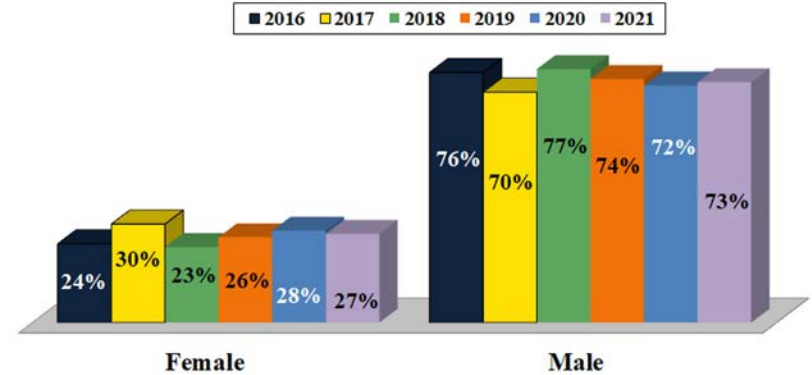
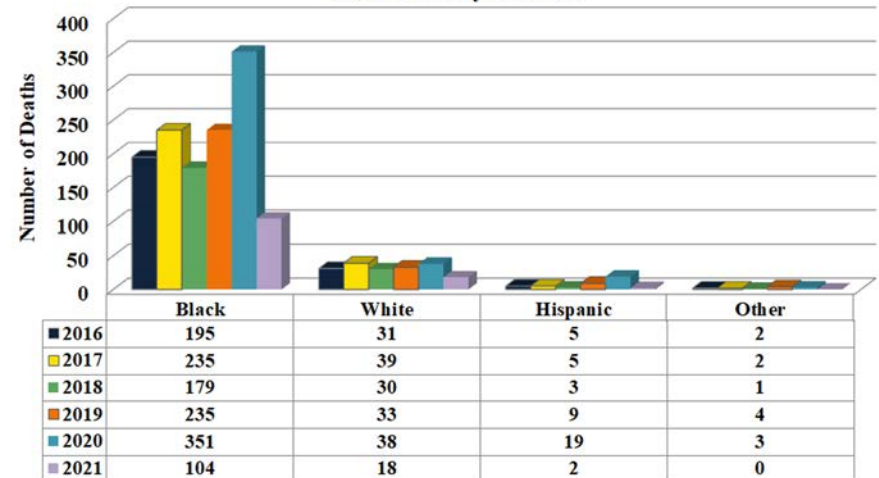


Fig. 6: Number of Drug Overdoses due to Opioid Use by Race/Ethnicity and Year



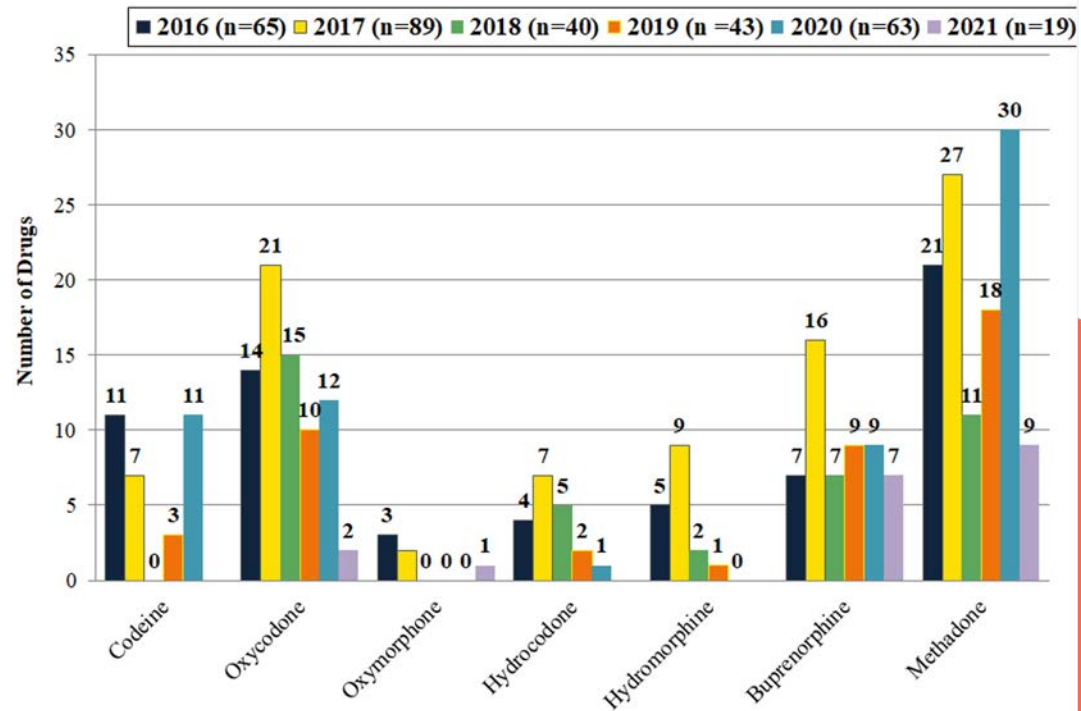


# Trends in Prescription Opioids in Fatal Overdoses

The number of prescription opioids found in opioid related overdoses has varied over the years of data collection, however **methadone and buprenorphine** are currently the most prevalent prescription opioids identified.



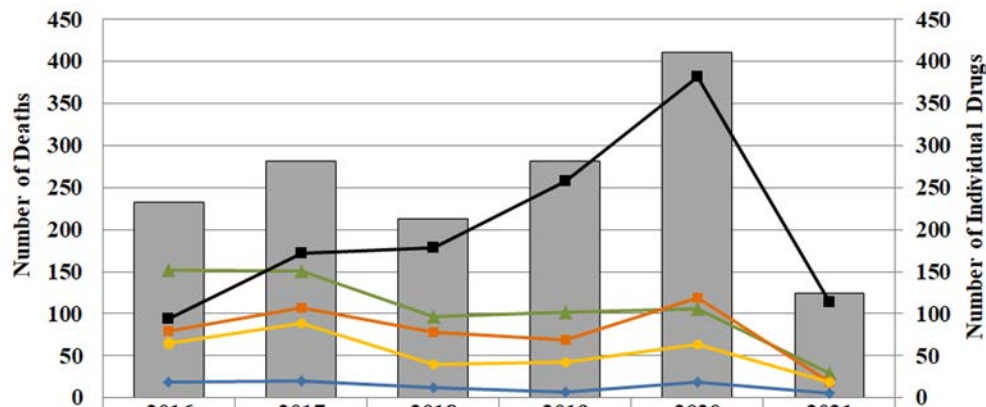
Fig. 4: Number of Prescription Opioids Contributing to Drug Overdoses by Year (n=319)





# Trends in the Numbers of Opioid Drugs Contributing to Fatal Overdoses

Fig. 2: Total Number of Opioid Drugs Contributing to Drug Overdoses by Year (All Opioids)



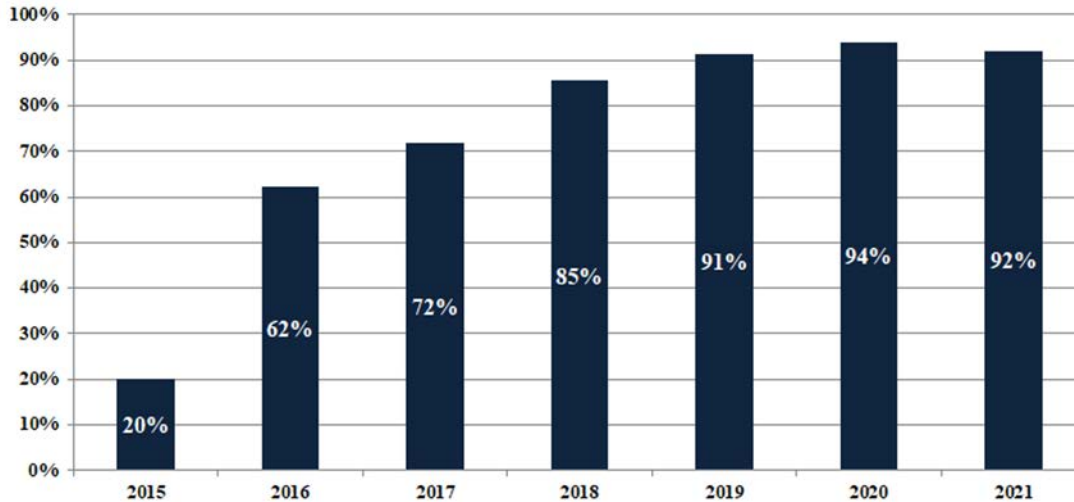
Number of Deaths	233	281	213	281	411	124
Heroin	152	151	97	102	106	29
Fentanyl	94	172	178	257	382	114
Fentanyl Analogs	79	107	78	69	119	19
Prescription Opioids	65	89	40	43	63	19
Other	19	20	12	7	19	6

Overall, the most prevalent opioid drugs identified were **fentanyl** followed by heroin and **fentanyl analogs**.

	2020	2021
Fentanyl	94%	92%
Heroin	26%	23%
FA's	29%	15%

# Fatal Overdoses Containing Fentanyl/Fentanyl Analogs

Figure 3: Percent of Overdose Deaths Involving Fentanyl 2015-2021



The percentage of cases containing fentanyl or a fentanyl analog:

**2015: 20% 2020: 94%**



Thus far in 2021, fentanyl has been involved in **92%** of the fatal overdoses.

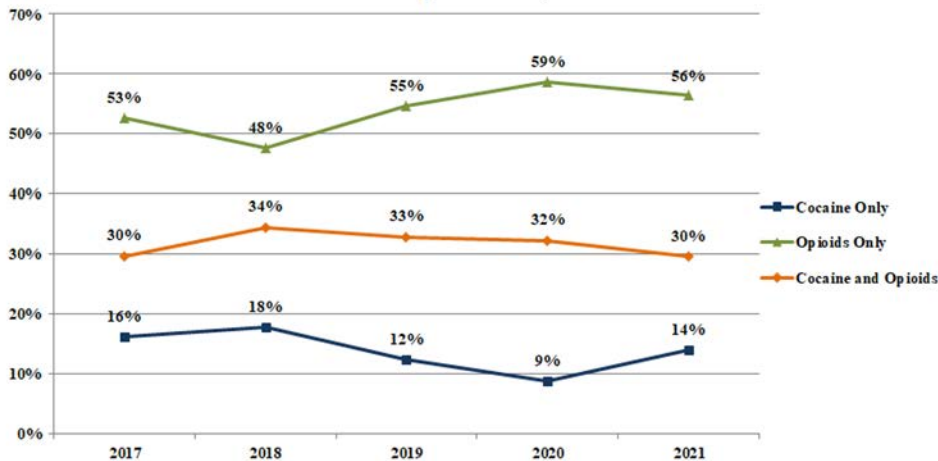


# Trends in Cocaine and Opioid Fatal Overdoses

Since 2018:

- **opioid-only** fatal overdoses have **stayed consistent since 2019**
- **cocaine-only** fatal overdoses have **increased** in 2021
- **cocaine and opioid** overdoses have remained **steady**; on pace for an **increase** in 2021

Percent of Deaths due to Cocaine and Opioids (2017- April 2021)



McDowell Digital Media, Inc. | 202)

Breakdown of Cocaine and Opioid Overdoses by Year, Race and Gender 2017- April 2021

	2017	2018	2019	2020	2021
<b>Black</b>					
Male	55	61	62	75	29
Female	32	17	31	50	10
<b>White</b>					
Male	5	6	4	10	5
Female	5	6	4	2	0
<b>Other</b>					
Male	2	1	4	8	0
Female	2	0	1	1	0

# Trends in Location of Fatal Opioid Overdoses

**78% of 2020 fatal opioid overdoses took place within a residence.  
67% of those cases were within the decedent's household.**

This may be driven by the pandemic and lock-down protocols, but also impacts the effect of the push for Naloxone availability to counter opioid abuse.

Location of Injury of Fatal Opioid Overdoses (Jan-Dec 2020)	
Residence	320
Decedents residence	214
Family members residence	10
Friend/acquaintance residence	52
Hospital/Nursing Home	2
Hotel/Motel	7
Unspecified residence	5
Shelter/Halfway house	20
Vacant residence	10
Non-Residence*	86
Unknown	5
* non-residence includes street, bus stop, outside, park, alley/rear of buildings, place of work, restaurant/shop	

Location of Injury of Fatal Opioid Overdoses (Jan-Dec 2020)	
Residence	78%
Decedents residence	67%
Family members residence	3%
Friend/aquaintance residence	16%
Hospital/Nursing Home	1%
Hotel/Motel	2%
Unspecified residence	2%
Shelter/Halfway house	6%
Vacant residence	3%
Non-Residence*	21%
Unknown	1%
* non-residence includes street, bus stop, outside, park, alley/rear of buildings, place of work, restaurant/shop	

# Trends in Location of Fatal Opioid Overdoses

**76% of 2019 fatal opioid overdoses took place within a residence.  
71% of those cases were within the decedent's household.**

Location of Injury of Fatal Opioid Overdoses (2019)	
Residence	76%
Decedents residence	71%
Family members residence	6%
Friend/aquaintance residence	15%
Hospital/Nursing Home	1%
Hotel/Motel	0%
Unspecified residence	2%
Shelter/Halfway house	3%
Vacant residence	1%
Non-Residence*	23%
Unknown	1%
* non-residence includes street, bus/train stop, car, outside, park, alley/rear of buildings, place of work, restaurant/shop, homeless camp	

Location of Injury of Fatal Opioid Overdoses (2019)	
Residence	213
Decedents residence	152
Family members residence	13
Friend/acquaintance residence	31
Hospital/Nursing Home	2
Hotel/Motel	0
Unspecified residence	5
Shelter/Halfway house	7
Vacant residence	3
Non-Residence*	66
Unknown	2
* non-residence includes street, bus/train stop, car, outside, park, alley/rear of buildings, place of work, restaurant/shop, homeless camp	

# Comparison of 2019 to 2020

The location of opioid overdoses remained consistent from pre-pandemic 2019 and during lockdowns of 2020. Indicates that within residence drug use is a major area of concern.

Location of Injury of Fatal Opioid Overdoses (2019)	
Residence	76%
Decedents residence	71%
Family members residence	6%
Friend/aquaintance residence	15%
Hospital/Nursing Home	1%
Hotel/Motel	0%
Unspecified residence	2%
Shelter/Halfway house	3%
Vacant residence	1%
Non-Residence*	23%
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# FEMS Overdose Data

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# REALTIME(-ISH) OVERDOSE DATA

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- Alerts from FEMS – does not capture all ODs in DC
- De-identified data shared with select outreach teams
  - Bad batch alerts
- Heat maps can be viewed on ODMAP
  
- Non-fatal OD analysis
  - Target date: Q1 of 2022
  - Learn how to better shape response

# REALTIME OD DATA TRENDS

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- 417 overdoses since April 26, 2021
  - 20 individuals with multiple ODs, 2 with 3 ODs
- ~1/3 ODs occurred in address of record
- ~1/4 ODs have some MPD involvement
- Heroin most commonly mentioned substance
- 13% have documented housing instability
- Notable locations
  - Metro stations: Anacostia, Petworth
  - Shelters: New York Ave, 801 East, Holiday Inn PEP-V
  - 7th and T St NW



# Non-fatal Opioid Overdoses

Washington, DC

Number of EMS calls  
1 58

**Geographic View**  
Neighborhood

**Timespan**  
Last 3 months

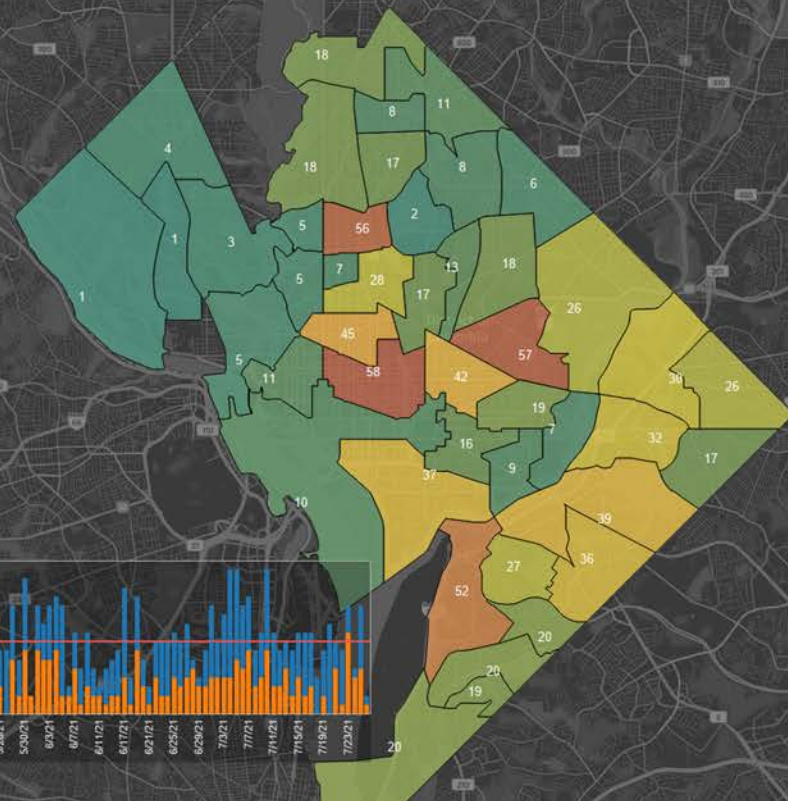
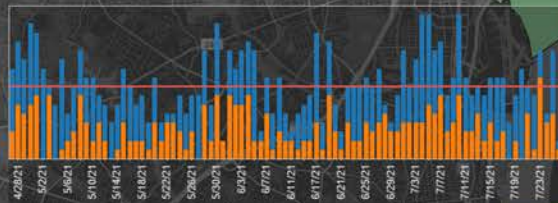
**Neighborhood**  
[All]

**Refused Transport/Eval**  
[All]

**Crosstab**  
Refusal

No refusal  
 Refused

Data updated as of:  
7/26/2021



No Measure Value 34.7%

Neighborhood	No Measure Value
CHINATOWN	58
TRINIDAD	57
COLUMBIA HEIGHTS	56
SAINT ELIZABETHS	52
LOGAN CIRCLE/SHAW	45
UNION STATION	42
TWINING	39
SWWATERFRONT	37
NAYLOR/HILLCREST	36
FORT DUPONT	32
EASTLAND GARDENS	30
U ST/PLEASANT	28
HISTORIC ANACOSTIA	27
FORT LINCOLN/GATEWAY	26
LINCOLN HEIGHTS	26
BELLEVUE	20
CONGRESS HEIGHTS/SHIPL	20
DOUGLASS	20
KINGMAN PARK	19
WASHINGTON HIGHLANDS	19
16th ST HEIGHTS	18
BRENTWOOD	18
BRIGHTWOOD	18
BLOOMINGDALE	17
MARSHALL HEIGHTS	17
PETWORTH	17
CAPITOL HILL	16
EDGEWOOD	13
GWU	11
LAMOND RIGGS	11
NATIONAL MALL	10
HILL EAST	9
Null	8
BRIGHTWOOD PARK	8
MICHIGAN PARK	8
SOUTH COLUMBIA HEIGHTS	7
STADIUM ARMORY	7
WOODRIDGE	6
ADAMS MORGAN	5
GEORGETOWN EAST	5
MOUNT PLEASANT	5
TEHLIVTOWN	4
WOODLEY PARK	3
DC MEDICAL CENTER	2
CATHEDRAL HEIGHTS	1
KENT/PALISADES	1

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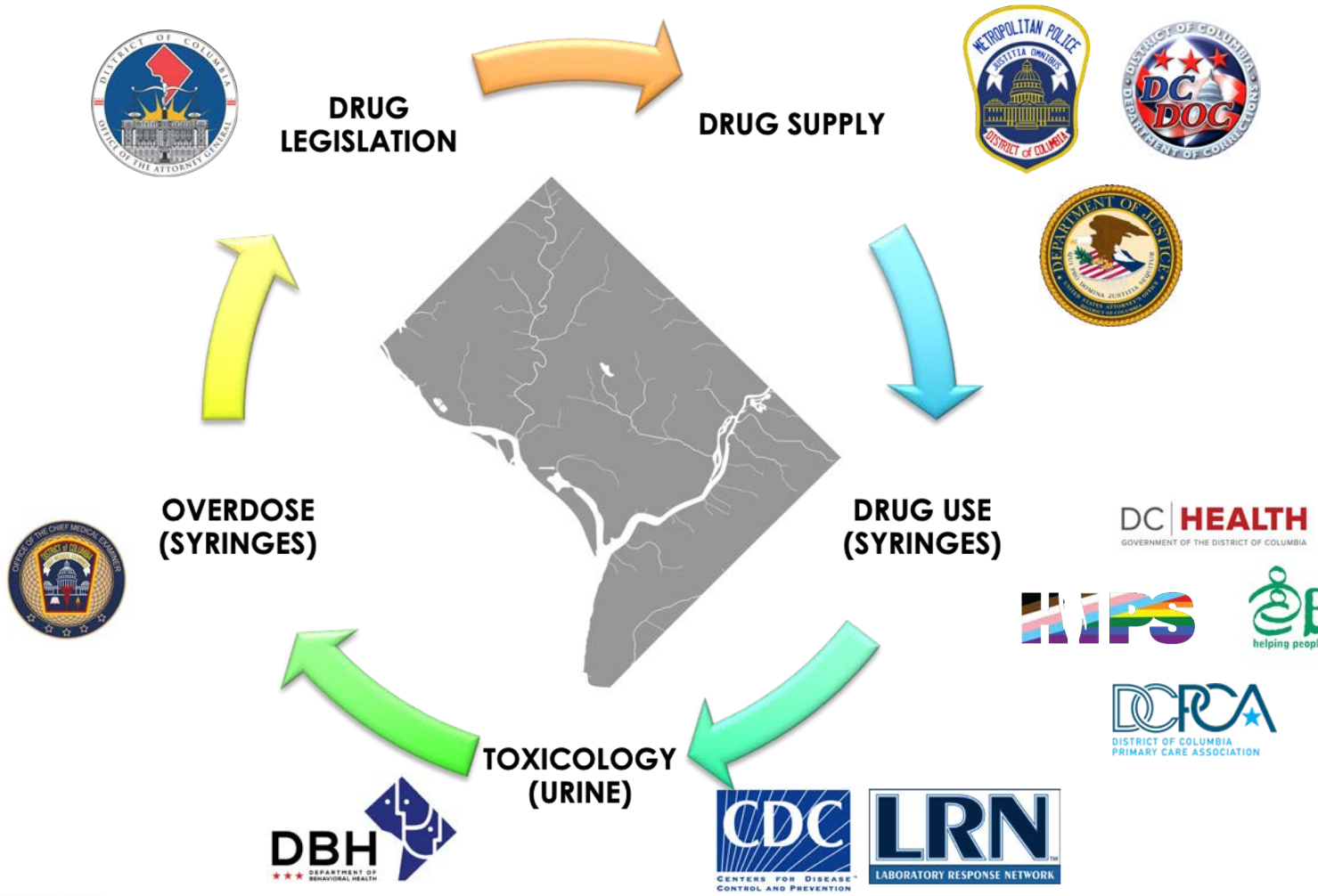
DISTRICT OF COLUMBIA  
**DFS**  
DEPARTMENT OF  
FORENSIC SCIENCES

Forensic Science Laboratory | Public Health Laboratory | Crime Scene Sciences

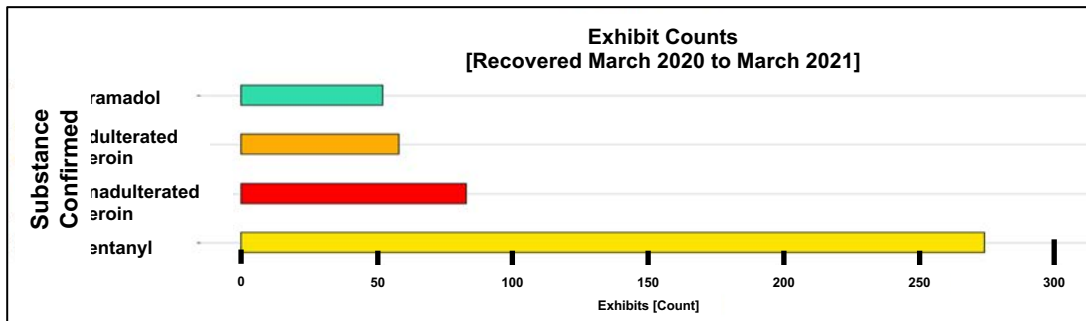
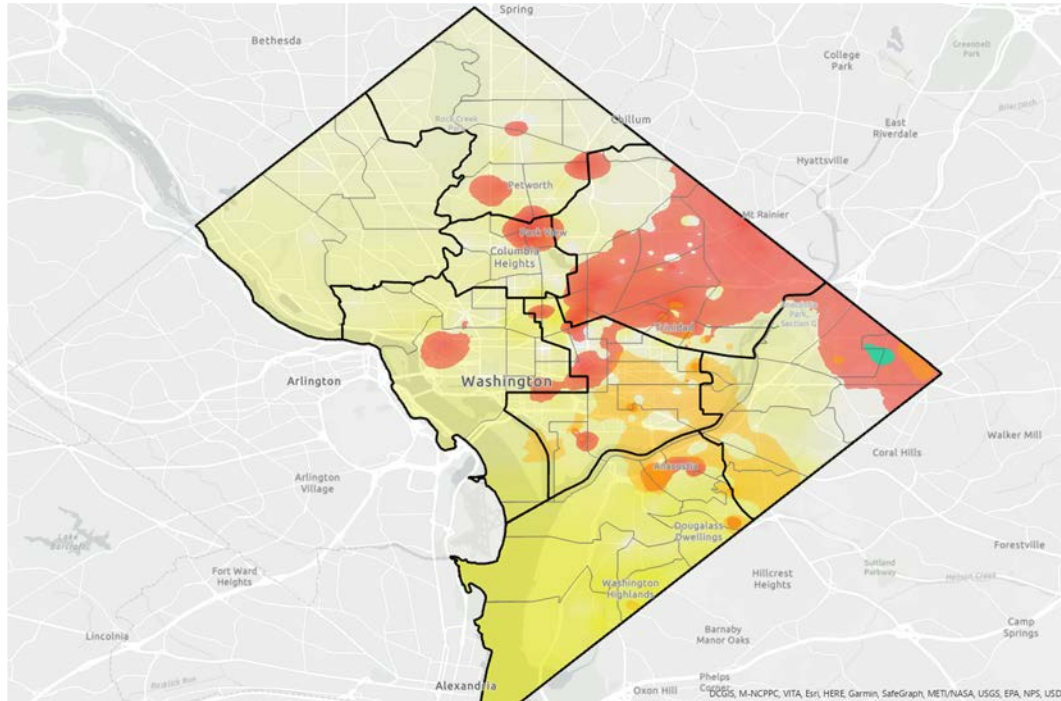
# OPIOID STAKEHOLDER SUMMIT

JULY 28, 2021

# DC DRUG SURVEILLANCE MODEL



# OPIOID DISTRIBUTION (1 YEAR)





# SYRINGE OVERVIEW

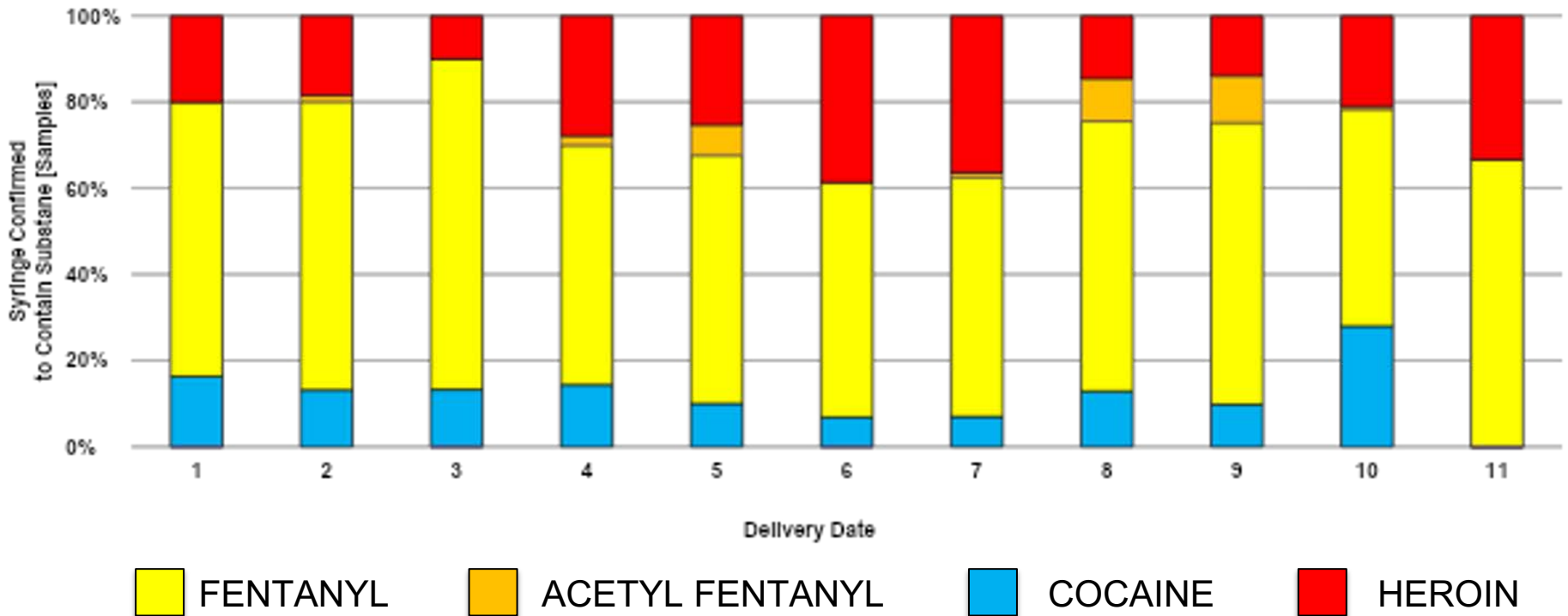
Compound	OCME	Syringe Exchange
<b>Fentanyl</b> alone (incl 4-ANPP)	<b>29%</b> (20)	<b>70%</b> (604)
<b>Cocaine</b> alone	<b>30%</b> (21)	<b>21%</b> (185)
<b>Fentanyl + Cocaine</b>	<b>15%</b> (10)	<b>15%</b> (130)
Total	69	865

## OTHER CONTROLLED SUBSTANCES

- Eutylone (Syn Cathinone)
- MMMP (Syn Cathinone)

# OPIOID SYRINGES

Syringe Exchange Survey Syringes  
(Delivery Date Sept 2020 to July 2021)



# METH LESS COMMON

Syringe Exchange Survey Syringes  
(Delivery Date Sept 2020 to July 2021)



 Methamphetamine

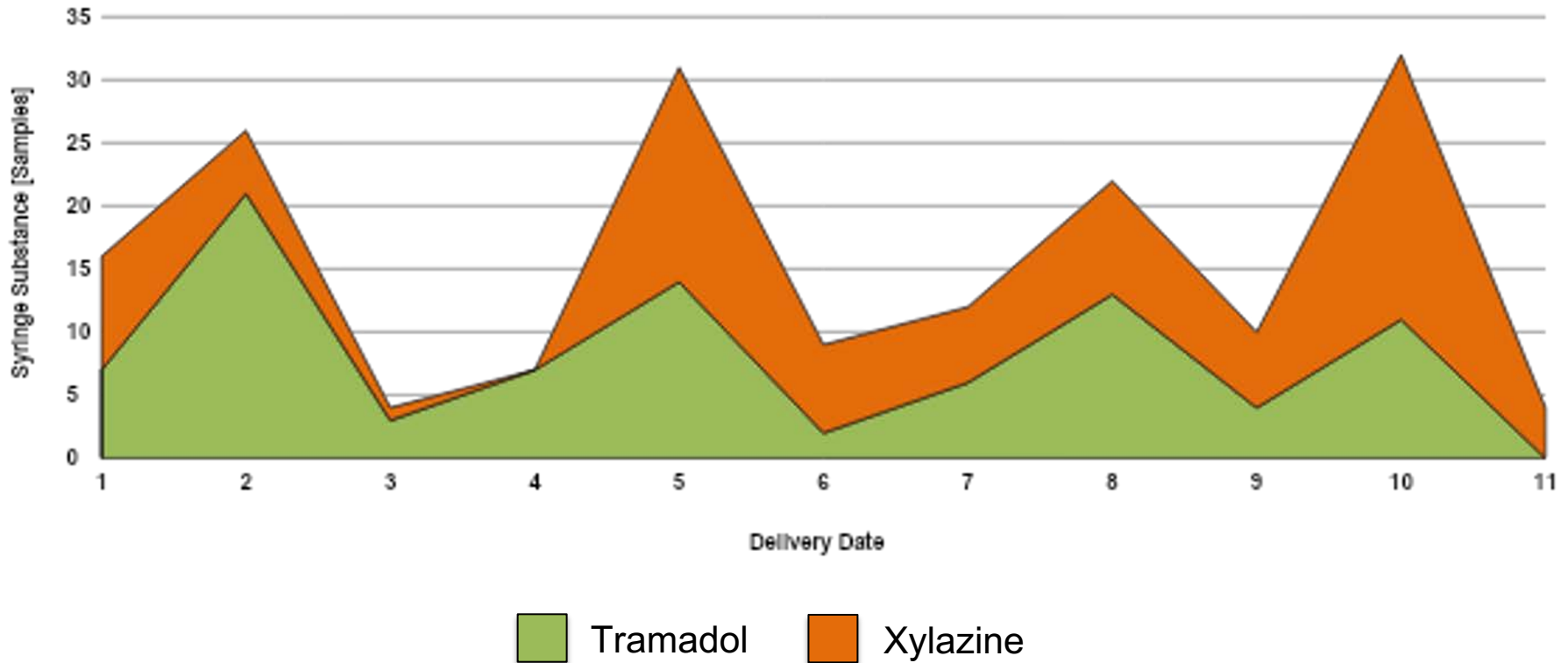
 Benzodiazepine

 Syn Cathinone

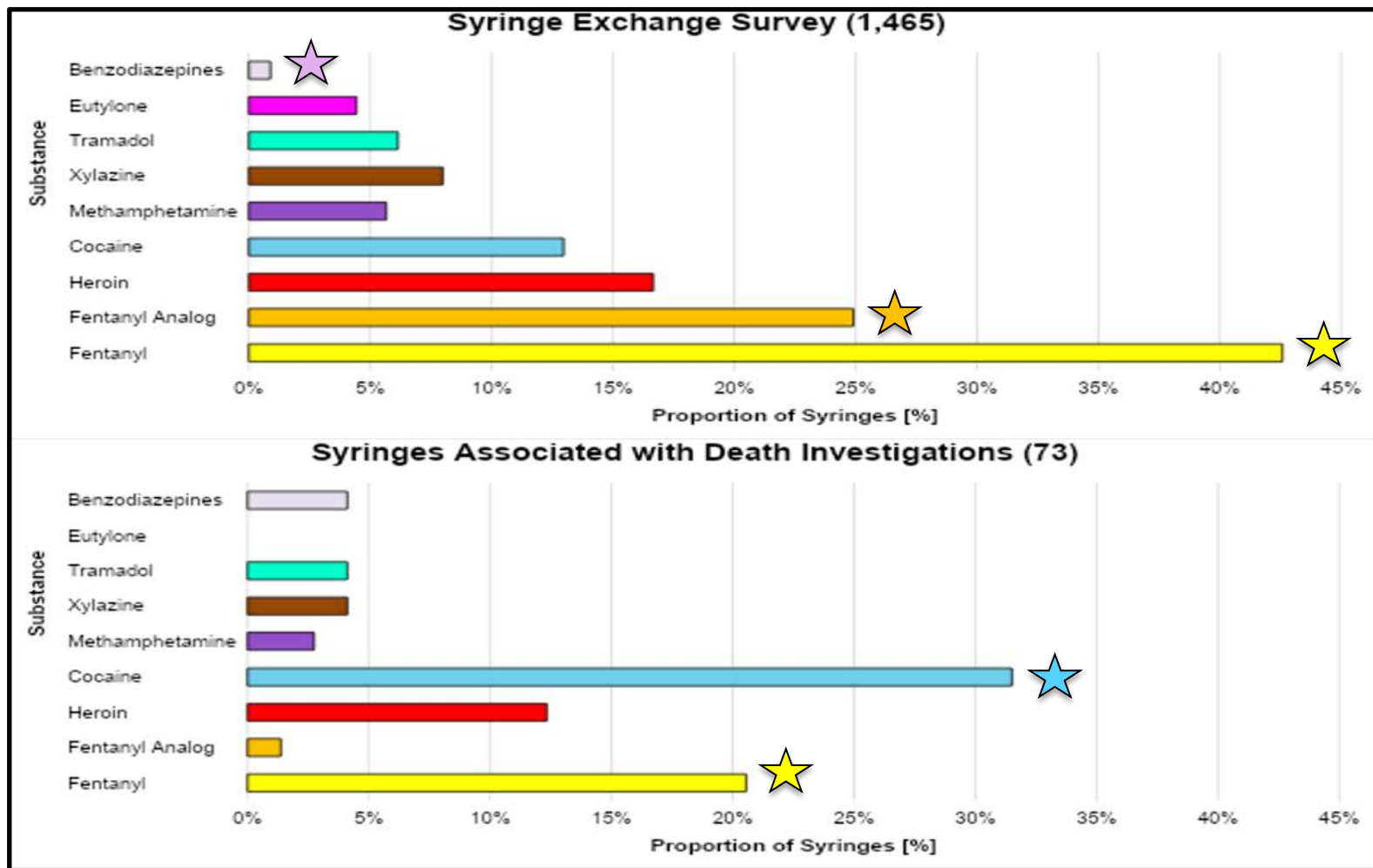


# XYLAZINE AND TRAMADOL

Syringe Exchange Survey Syringes  
(Delivery Date Sept 2020 to July 2021)



# DEATH INVESTIGATIONS



# FENTANYL ANALOGS

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Synthetic Opioid	OCME	Syringe Exchange	Analgesic Potency Relative to Morphine*
Fentanyl	15	624	224
Acetyl fentanyl	1	37	16
<i>p</i> -Fluoro fentanyl	0	25	16
Heroin	9	244	2-3
Morphine	7	100	1

\*United Nations Office on Drugs and Crime, Recommended methods for the Identification and Analysis of Fentanyl and its Analogues in Biological Specimens. 2017