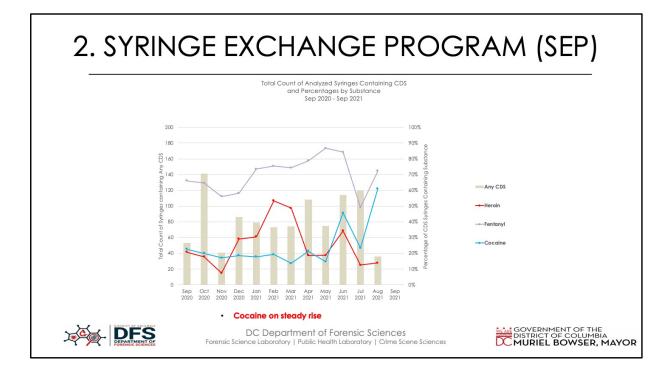
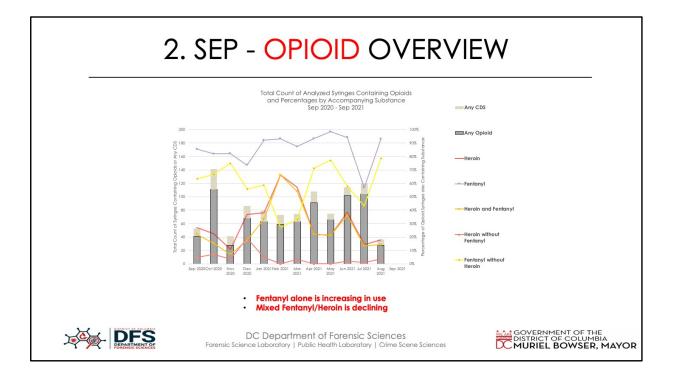
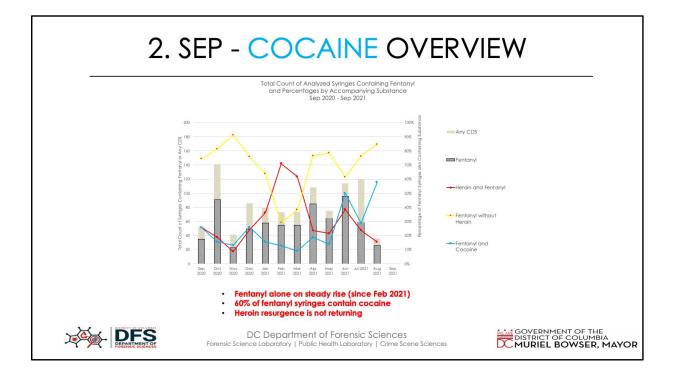
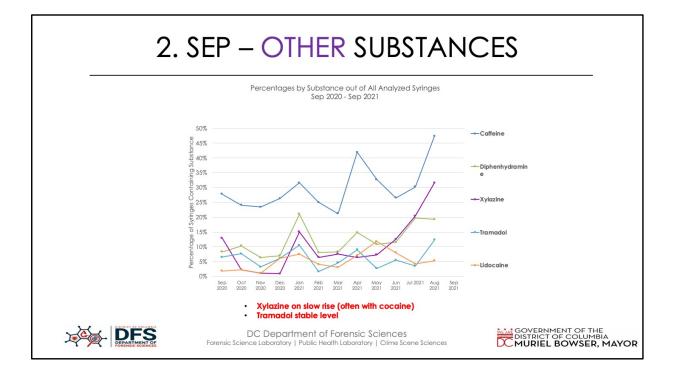


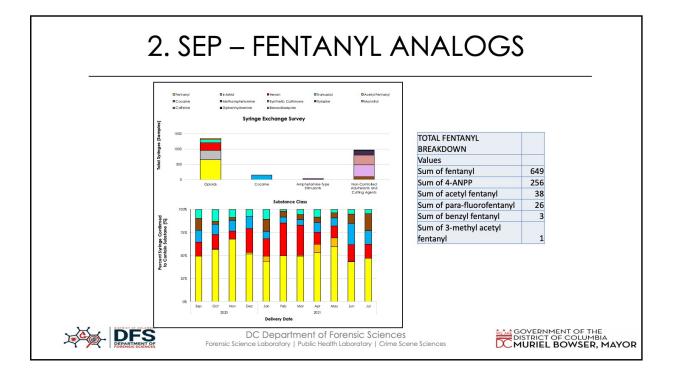
From *all* exhibits Syringes are from OCME DI (no syringe exchange)

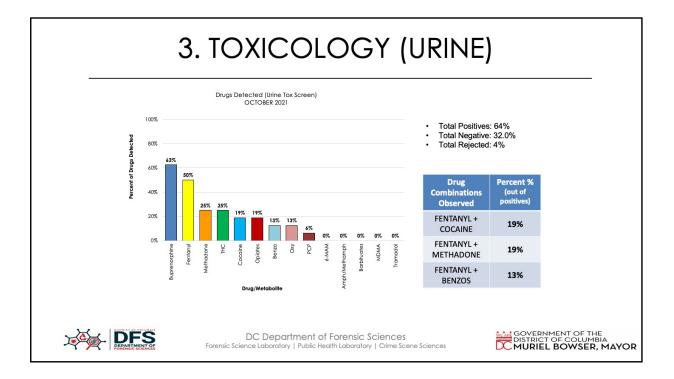


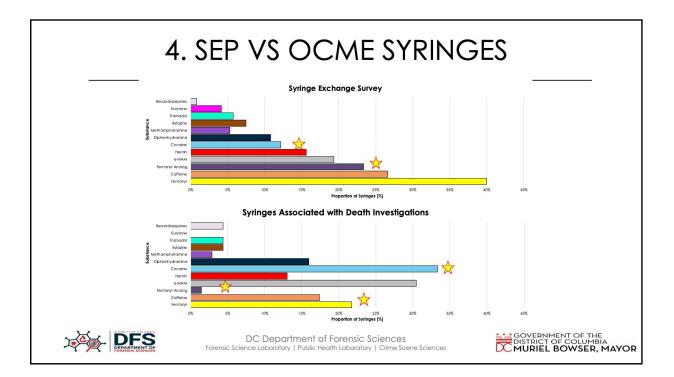






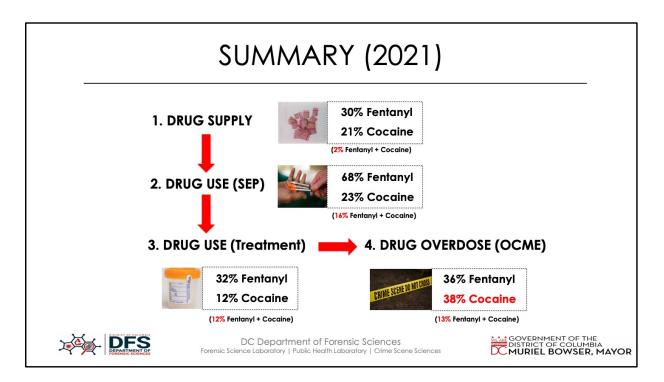






 SUMMARY (2021)						
Level	Syn Opioid (%)	Fentanyl (%)	Cocaine (%)	Buprenorphine (%)	Methadone (%)	
1. Drug Supply	36%	28%	16%	5%	0%	
2. Drug Use (Syringes)*	81%	67%	23%	0%	5%	
3. Drug Use (Tox)**	48%	32%	12%	40%	16%	
4. Drug Overdose (OCME Syringes)	51%	22%	33%	0%	0%	
*Calculated from all syringes that have a controlled substance present **Results from individuals on/going into treatment for opioid addiction						
DC Department of Forensic Sciences DC Department of Forensic Sciences Forensic Science Laboratory Public Health Laboratory Crime Sciences DC Department of Forensic Sciences						

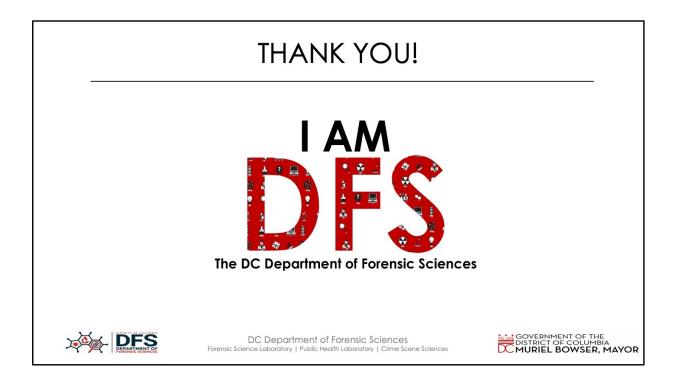
For Tox data, percent of all



From Oct 2020-Oct 2021 For drug evidence, out of CDS exhibits

For Tox data, percent of all

- 1. People appear to be mixing fentanyl and cocaine by choice (premix is rare)
- 2. Cocaine as a stand-alone syringe appears to be associated with Death Investigations

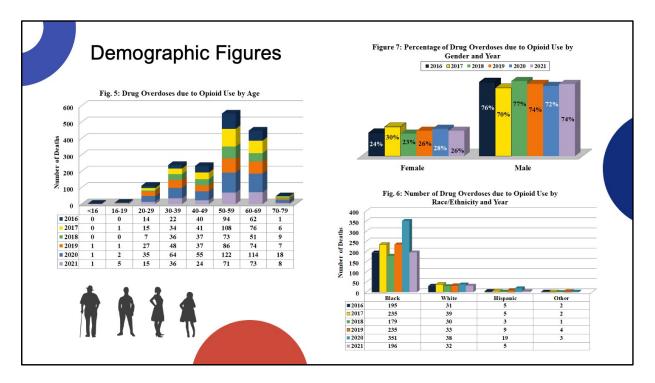


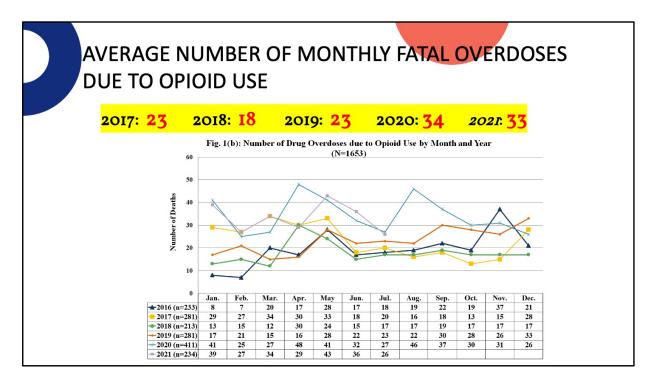


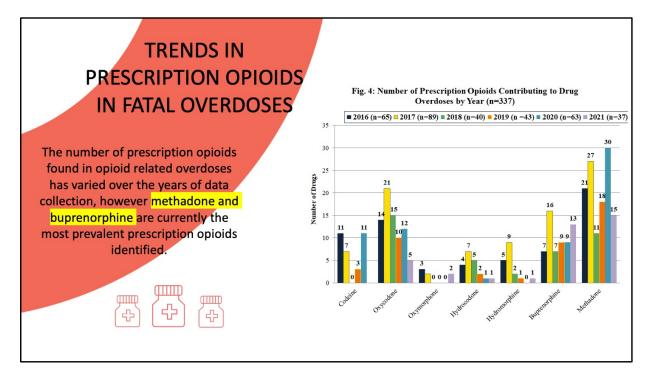
Office of the Chief Medical Examiner

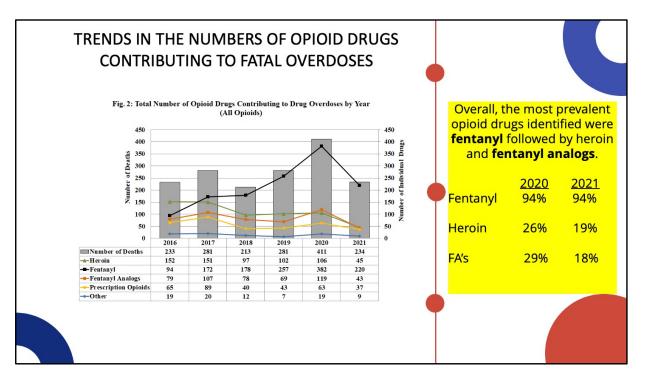
The DC Office of the Chief Medical Examiner (OCME) has investigated a total of **1653** opioid-related fatal overdose from January 2016 to July 31, 2021.

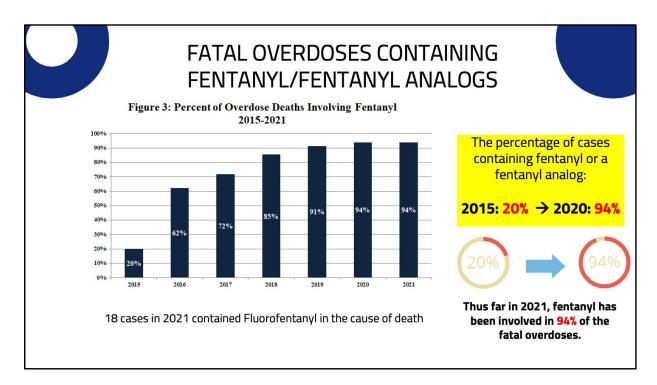


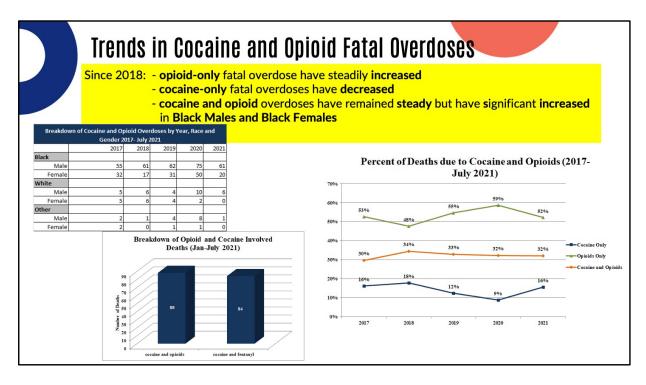












Trends in Location	of Fatal Opioid	Overdoses
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78% of 2020 fatal opioid overdoses took place within a residence. 67% of those cases were within the decedent's household.

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

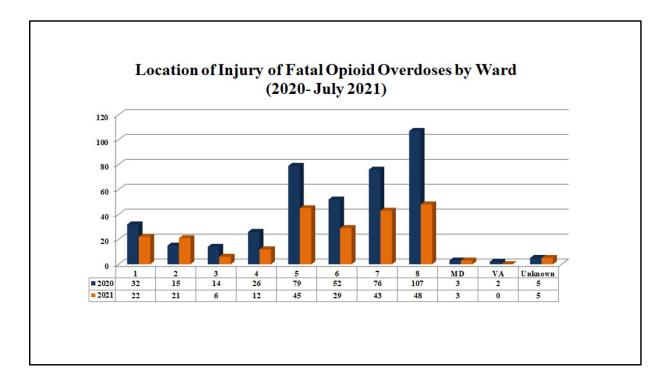
Location of Injury of Fatal Opioid Overdoses (Jan-Dec 2020)		
Residence	320	
Decedents residence	21	
Family members residence	1	
Friend/acquaintance residence	:	
Hospital/Nursing Home		
Hotel/Motel		
Unspecified residence		
Shelter/Halfway house		
Vacant residence	t	
Non-Residence*	86	
Unknown	5	
* non-residence includes street, bus stop, outside, park, alley/rea of buildings, place of work, restaurant/shop		

(Jan-Dec 2020)				
Residence	78%			
Decedents residence	67%			
Family members residence	3%			
Friend/aquantience residence	16%			
Hospital/Nursing Home	1%			
Hotel/Motel	2%			
Unspecified residence	2%			
Shelter/Halfway house	6%			
Vacant residence	3%			
Von-Residence*	21%			
Inknown	1%			

Location of Injury of Fatal O Overdoses (2019)	pioid	Location of Injury of Fatal Opioid Overdoses (2019)		
Residence	213	Residence	76%	
Decedents residence	152	Decedents residence	71%	
Family members residence	13	Family members residence	6%	
Friend/acquaintance residence	31	Friend/aquantience residence	15%	
Hospital/Nursing Home	2	Hospital/Nursing Home	1%	
Hotel/Motel	0	Hotel/Motel	0%	
Unspecified residence	5	Unspecified residence	2%	
Shelter/Halfway house	7	Shelter/Halfway house	3%	
Vacant residence	3	Vacant residence	1%	
Non-Residence*	66	Non-Residence*	23%	
Unknown	2	Unknown	1%	
* non-residence includes street, bus/train stop, park, alley/rear of buildings, place of work, res homeless camp		* non-residence includes street, bus/train park, alley/rear of buildings, place of wor homeless camp		

		2021
Location of Injury of Fatal Op (Jan- July 2021		
Residence	189	
Decedents residence	139	
Family members residence	6	
Friend/acquaintance residence	14	
Hospital/Nursing Home	1	
Hotel/Motel	10	
Unspecified residence	10	
Shelter/Halfway house	7	
Vacant residence	2	
Non-Residence*	39	
Unknown	6	
* non-residence includes street, bus stop, alley/rear of buildings, place of work, rest		

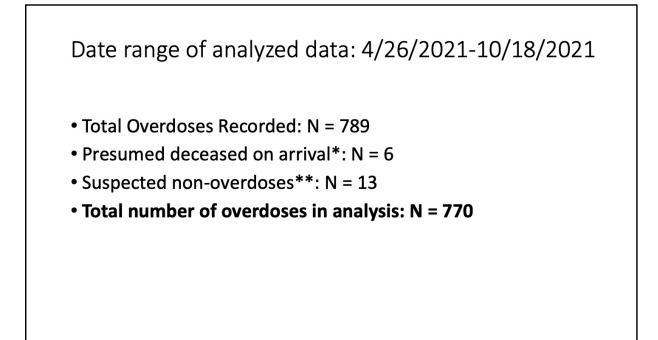
Residence	81%		
Decedents residence	74%		
Family members residence	3%		
Friend/aquantience residence	7%		
Hospital/Nursing Home	1%		
Hotel/Motel	5%		
Unspecified residence	5%		
Shelter/Halfway house	4%		
Vacant residence	1%		
Non-Residence*	17%		
Unknown 3%			



		Location	0	njury by Ward		
Location of Injury of Fatal Opio Overdoses in Ward 1 (Jan- July 2021)		Location of Injury of Fatal Opio Overdoses in Ward 2 (Jan- Jul 2021)		Location of Injury of Fatal Opioid Overdoses in Ward 3 (Jan- July 2021)	d	Location of Injury of Fatal Opioid Overdoses in Ward 4 (Jan- July 2021)
Residence	17	Residence	16	Residence	5	Residence 12
Decedents residence	12	Decedents residence	9	Decedents residence	5	Decedents residence 9
Family members residence	1	Family members residence	1	Family members residence	0	Family members residence 0
Friend/acquaintance residence	2	Friend/acquaintance residence	0	Friend/acquaintance residence	0	Friend/acquaintance residence 0
Hospital/Nursing Home	0	Hospital/Nursing Home	0	Hospital/Nursing Home	0	Hospital/Nursing Home 0
Hotel/Motel	0	Hotel/Motel	4	Hotel/Motel	0	Hotel/Motel 1
Unspecified residence	1	Unspecified residence	0	Unspecified residence	0	Unspecified residence 2
Shelter/Halfway house	1	Shelter/Halfway house	2	Shelter/Halfway house	0	Shelter/Halfway house 0
Vacant residence	0	Vacant residence	0	Vacant residence	0	Vacant residence 0
Non-Residence*	5	Non-Residence*	5	Non-Residence*	1	Non-Residence* 0
* non-residence includes street, bus stop, outside, park, alley/rear of buildings, place of work, restaurant/shop	f	 non-residence includes street, bus stop, outside, park, alley/rear of buildings, place o work, restaurant/shop 	of	 non-residence includes street, bus stop, outside, park, alley/rear of buildings, place of work, restaurant/shop 		 non-residence includes street, bus stop, outside, park, alley/rear of buildings, place of work, restaurant/shop
Location of Injury of Fatal Opioi Overdoses in Ward 5 (Jan- July 2021)		Location of Injury of Fatal Opio Overdoses in Ward 6 (Jan- July 2021)		Location of Injury of Fatal Opioi Overdoses in Ward 7 (Jan- July 2021)		Location of Injury of Fatal Opioid Overdoses in Ward 8 (Jan- July 2021)
Residence	36	Residence	16	Residence	40	Residence 45
Decedents residence	23	Decedents residence	13	Decedents residence	32	Decedents residence 33
Family members residence	2	Family members residence	0	Family members residence	0	Family members residence 2
Friend/acquaintance residence	3	Friend/acquaintance residence	2	Friend/acquaintance residence	5	Friend/acquaintance residence 2
Hospital/Nursing Home	1	Hospital/Nursing Home	0	Hospital/Nursing Home	0	Hospital/Nursing Home 0
Hotel/Motel	4	Hotel/Motel	1	Hotel/Motel	0	Hotel/Motel 0
Unspecified residence	2	Unspecified residence	0	Unspecified residence	2	Unspecified residence 3
Shelter/Halfway house	1	Shelter/Halfway house	0	Shelter/Halfway house	1	Shelter/Halfway house 3
Vacant residence	0	Vacant residence	0	Vacant residence	0	Vacant residence 2
Non-Residence*	9	Non-Residence*	13	Non-Residence*	3	Non-Residence* 3
non-residence includes street, bus stop, utside, park, allev/rear of buildings, place of		* non-residence includes street, bus stop, outside, park, alley/rear of buildings, place o	_]	 * non-residence includes street, bus stop, outside, park, alley/rear of buildings, place of 		* non-residence includes street, bus stop, outside, park, allev/rear of buildings, place of work.

Non-Fatal FEMS Overdoses

Sari Frankel, MPH – DBH State Opioid Response sari.frankel@dc.gov LIVE.LONG.DC. FY22 Q1 Summit – October 27, 2021



*Most PDOAs are routed to MPD, and FEMS does not respond if the person is known to be deceased prior to emergency services arriving. A 911 call will be routed to FEMS if there is uncertainty as to whether the decedent is still alive.

**It took us a little while with of working with FEMS and the DBH data team to revise the filters on what data was being provided to us at DBH. There were some case records in the first few weeks that made no mention of overdose in the narrative and were therefore excluded from the analysis (e.g. a diabetic emergency, assistance after a fall, etc.) The total number of unique individuals is impossible to discern accurately due to incomplete data, but the range of unique individuals is estimated at 612-695.

Full list of filters used as of October, 2021

Meet ALL of the following: (excluded conditions)

- <u>Response: Unit Call Sign does not contain</u> <u>FEMSIT</u>
- Response: Unit Call Sign does not contain TEST
- Response: Unit Call Sign does not contain TRAIN
- Case: PCR Status is equal to Closed
- Medication: Medication is equal to Narcan (Naloxone)
- Medication: Medication is not in the list Fentanyl ~ Fentanyl 100mcg/2cc ~

Morphine

• <u>Disposition: Disposition is in the list Dead at Scene - No Resus - Not</u> <u>Transported ~ Dead at Scene - No Resus - Transported ~ Dead at Scene -</u> <u>Resus Attempted - No Transport ~ Dead at Scene - Resus Attempted - Susp</u> <u>Drug Use - No Transport ~ Dead at Scene - Susp Drug Use - Resus Attempted</u> <u>- No Transport ~ Eval Only (No Tx, No Transport) ~ NTL - Non - ED Health</u> <u>Facility ~ NTL - Self Care ~ Refused Eval/Tx - No Transport ~ Refused</u> <u>Eval/Tx - Transported ~ Treated, Released (AMA) ~ Treated, Released (per</u> <u>protocol) ~ Treated, Transferred to Other EMS ~ Treated, Transported by</u> <u>EMS ~ Treated, Transported by Law Enforcement ~ Treated, Transported by</u> <u>Private Vehicle</u>

Meet **ANY** of the following: (one or more condition is included)

• <u>Situation: Primary Impression is in the list</u> <u>Opioid related disorders ~</u> <u>Suspected EXP: Heroin/Opioid/Fentanyl ~ Suspected USE:</u> <u>Heroin/Opioid/Fentanyl</u>

• <u>Situation: Secondary Impressions is in the list</u> <u>Opioid related disorders ~</u> <u>Suspected EXP: Heroin/Opioid/Fentanyl ~ Suspected USE:</u> <u>Heroin/Opioid/Fentanyl</u>

Narrative: Narrative contains fentan

- Narrative: Narrative contains heroin
- Narrative: Narrative contains opiate
- Narrative: Narrative contains opioid
- <u>Complaints: Complaint contains</u> fentan
- <u>Complaints: Complaint contains</u> heroin
- Complaints: Complaint contains opiate
- Complaints: Complaint contains opioid

Overdoses by Month

Month of OD	Count	Percent
April (26 th -30 th)	22	2.86%
May	148	19.22%
June	145	18.83%
July	143	18.57%
August	141	18.31%
September	124	16.10%
October (1 st -17 th)	47	6.10%
Grand Total	770	100.00%

Race Breakdown

Race	Count	Percent
Asian	3	0.39%
Black or African American	702	91.17%
Hispanic or Latino	11	1.43%
Unknown	15	1.95%
White	39	5.06%
Grand Total	770	100.00%

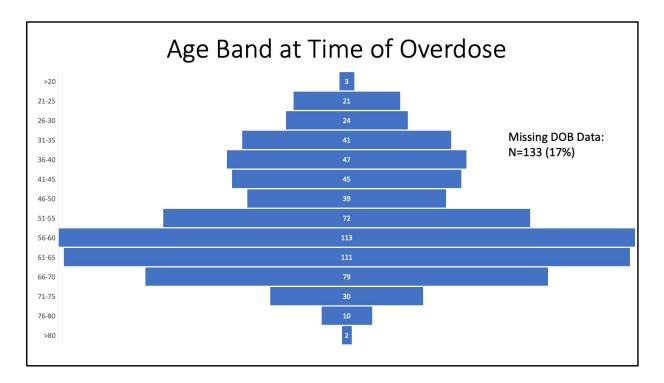
Higher % of ODs among African Americans than what we see among fatality data, which is closer to 84%

Gender Breakdown

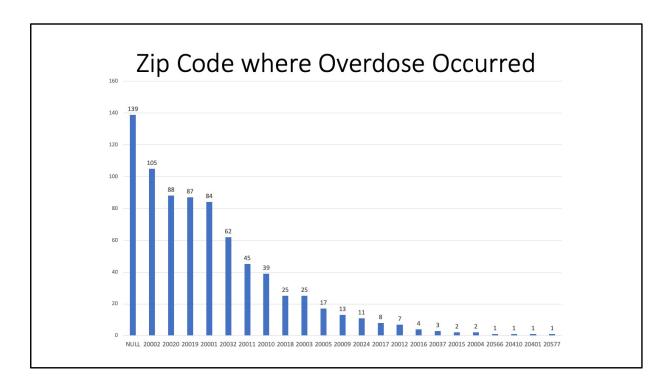
Gender	Count	Percent
Female	137	22.10%
Male	483	77.90%
Total*	620	100.00%

*Gender data not available for overdoses occurring 4/26/21-5/25/21 (N=133)

Missing gender data after 5/25: N=17



Age range at time of overdose does not necessarily reflect a person's current age. E.g. if someone was 50 when they overdoses in May, but turned 51 in July, they would be recorded on this graph in the 46-50 age band.



Overdose where zip code occurred is not necessarily the same as the zip code that the patient resides in.

NULL = not reported

20002 = NoMa, Trinidad, Carver Langston (Wards 5&6)

20020 = Anacostia, Douglass, Barry Farm, Naylor, Skyland, Buena Vista, Fort Davis Park (Wards 7&8)

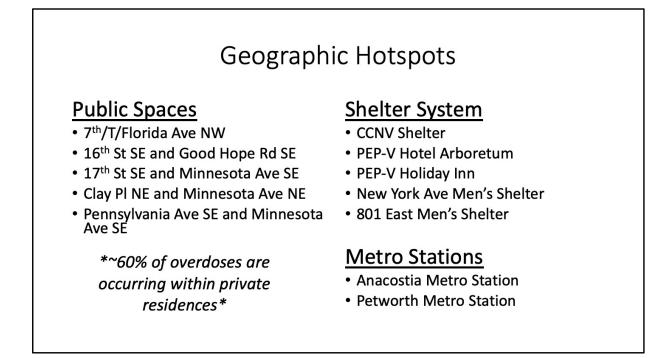
20019 = Deanwood, Benning, Fort Dupont, Capitol View, Northeast Boundary (Ward 7)

20001 = Union Station, Judiciary Square, Mt Vernon, Bloomingdale, Truxton Circle (Wards 1, 2 &6)

20032 = Congress Heights, Washington Highlands, Douglass (Ward 8)

20011 = Petworth, Brightwood, Manor Park, Fort Totten (Wards 4&5)

20010 = Parkview, Cardozo, Columbia Heights, Pleasant Plains (Ward 1)



All hotspots listed had >4 overdoses within the given timeframe. However, the majority of overdoses are occurring within private residences scattered across the city.

There are some residential buildings that have had multiple overdoses from different individuals. For privacy reasons, those buildings are not listed here, but DBH and affiliated outreach will work on targeted outreach to those buildings.

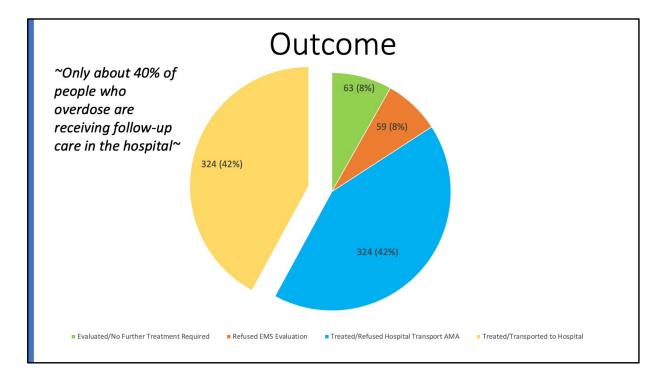
Domicile

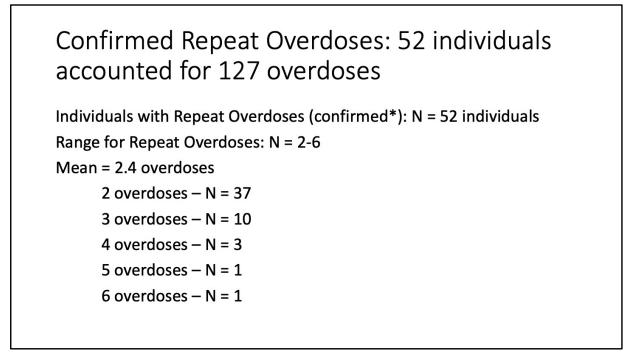
- DC Resident Housed: N = 427 (55.5%)
- Resides Out of District: N = 70 (9.0%)
- DC Resident Homeless: N = 96 (12.5%)
 - Homeless sheltered:* N = 59
 - Homeless shelter status unknown:** N = 37
- Address not provided: N = 177 (23.0%)

~Location of overdose matches address of record: N = 241/593 (41%)~

*Address of record reported as a shelter, transitional housing location, or Pandemic Emergency Program for Medically Vulnerable Individuals (PEP-V) site **Address of record recorded as "unfixed," "homeless," or the site of a social service organization was provided

For patients that provided their addresses, 41% overdosed at the site of the addressed provided (31% of total overdoses). An additional ~30% of total overdoses occurred at a private residence different from the address of record.





*Due to the high number of individuals who did not provide full names or DOB, this is likely an undercount of the true number of repeat overdoses in this dataset.

Prior Engagement with Mental Health and/or SUD Services is High			
Prior Engagement in DBH Services			Data Quality is a Challenge
Row Labels	Count	Percent	 N=83 (10.8%) did not provide first name
MH/SUD Match	400	51.95%	 N=94 (12.2%) did not provide last
No Match*	370	48.05%	
Grand Total	770	100.00%	 N=133 (17.3%) did not provide DOB
			 N=177 (23.0%) did not provide address

*Anyone who did not provide a first name, last name and DOB (and SSN) is automatically recorded as not being a match, as this information is needed to confirm prior enrollment in DBH services. The number of matches is therefore an undercount—there are people with confirmed repeat overdoses for example who have been recorded as both being a match and not being a match during in different patient records.