



DISTRICT OF COLUMBIA

DFS

**DEPARTMENT OF
FORENSIC SCIENCES**

Forensic Science Laboratory | Public Health Laboratory | Crime Scene Sciences

UPDATES FOR DC PHL OD2A SURVEILLANCE

August 24th, 2020

OVERVIEW

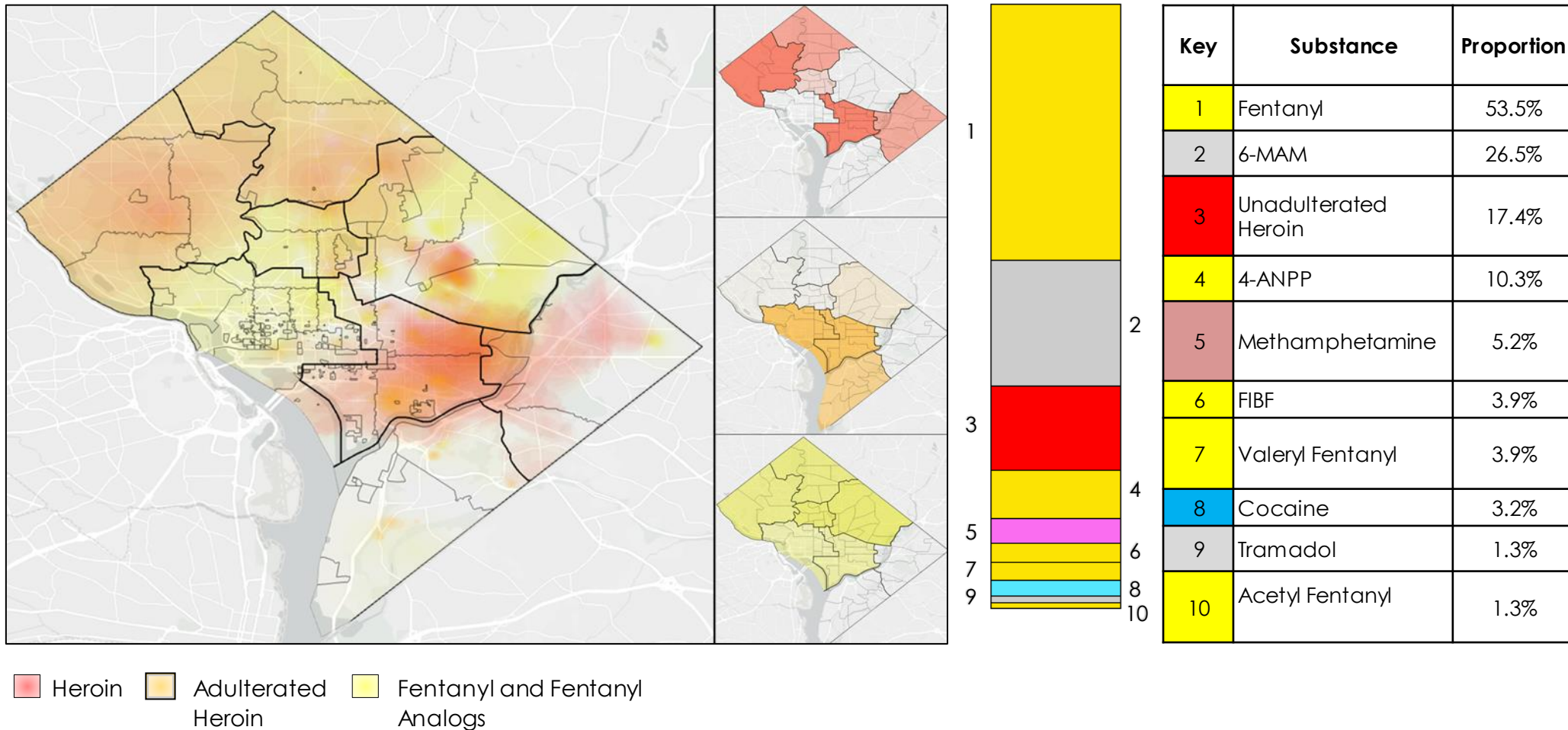
FORENSIC CHEMISTRY UNIT

- Now 100% coverage of Heroin, suspect synthetic opioids, and for last month all cocaine exhibits (to check for fentanyl)
- Finding significant fentanyl-laced fake oxycodone pills

CLINICAL TOXICOLOGY UNIT

- Validated Methadone/EDDP panel for OTP testing support (reference range completed)
- Developing Surveillance LRN-C Fentanyl Panel

FCU UPDATE – HEROIN BREAKDOWN



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GOVERNMENT OF THE
DISTRICT OF COLUMBIA
MURIEL BOWSER, MAYOR

"OXYCODONE" IN THE DISTRICT



Drug Enforcement Administration

Phoenix
Cheri Oz, Special Agent in Charge
@DEAPhoenixDiv

January 23, 2020
Contact: William "Bill" Czopek
Phone Number: (571) 324-7080

Nearly 170,000 deadly fentanyl pills seized by DEA Task Force, Phoenix PD and Arizona DPS



165,000 fentanyl pills packaged for resale, seized by DEA Task Force

FOR IMMEDIATE RELEASE

Year	Proportion of Pills Containing Fentanyl	Counterfeit Oxycodone containing Fentanyl
FY19	0.97%	0.83%
FY20	16%	47%

"A search of the vehicle led to the discovery of approximately 165,000 of the blue "M-30" fentanyl pills"

REAL

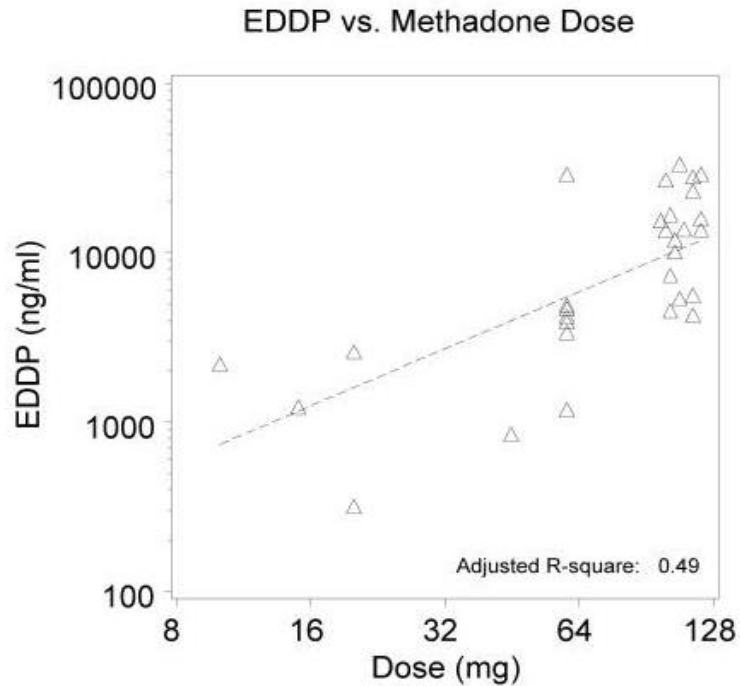


FAKE!

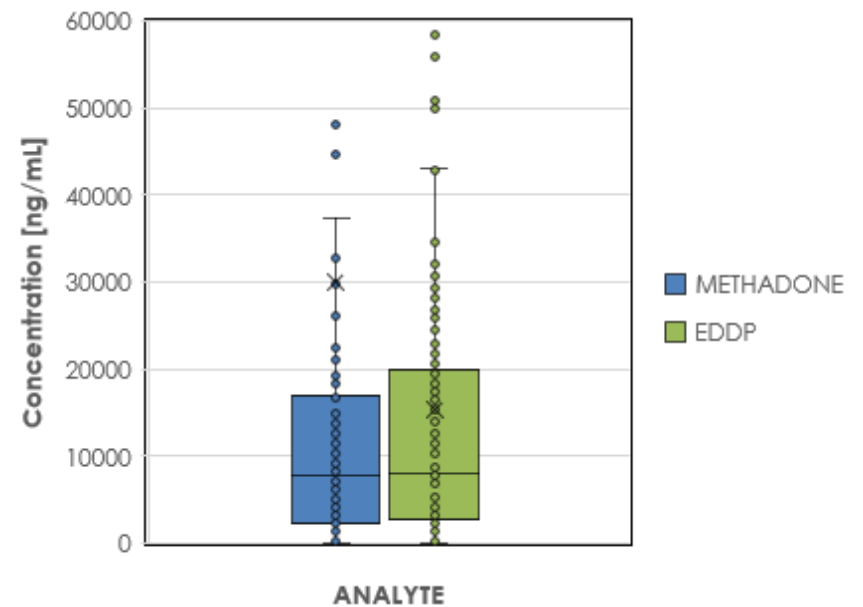


CTU UPDATE - OTP

Dose-response curve for EDDP from Methadone administration (Larson and Richards 2009)



DC Methadone/EDDP in Urine Determined via SPE-GC-MS



CTU UPDATE – FENTANYL PANEL

Interpretation	Fentanyl Present? (>10 ng/mL)	Lower 25% (ng/mL)	Average (ng/mL)	Upper 75% (ng/mL)
Fentanyl	51% (63/124)	0	332	334
Norfentanyl	59% (73/124)	0	1112	1,760
4-ANPP	21% (26/124)	0	24.8	6.99
para-Fluorofentanyl	2% (3/124)	n/a*	1.8	n/a
U-47700	1% (1/124)	n/a	0.5	n/a
Acetyl Fentanyl	4% (4/124)	n/a	2.9	n/a

Analytes on Panel			
β-Hydroxythiofentanyl	Benzyl Fentanyl	Methoxyacetyl fentanyl	para-Fluorobutyl Fentanyl (FBF)
(±)-cis-3-methyl Fentanyl	Butyl fentanyl	Norcarfentanil	U-47700
4-ANPP	Carfentanil (Carfentanyl)	Norfentanyl	U-48800
para-Fluorofentanyl	Cyclopropyl fentanyl	Remifentanil	U-49900
4'-methyl Acetyl fentanyl	Fentanyl	Furanyl Fentanyl	Valeryl Fentanyl
Acryl Fentanyl	Fluoroisobutyl Fentanyl (FIBF)	Acetyl Fentanyl	