

Table 1: Drugs Detected in Specimens from University of Maryland Medical Center (UMMC) Emergency Department (ED) Drug Overdose Patients, By Quarter
(N= 673 specimens collected from January 2016 through March 2021)

Quarter (N of specimens tested)	Marijuana %	Opiates %	PCP %	Cocaine %	Benzodiazepines ^a %	Amphetamines %	Methadone ^a %	Barbiturates ^a %	Fentanyl ^{a,b} %	Oxycodone ^{a,b} %
January-March 2016 (23)	13	52	4	13 L	44	4	14 (n=7)	0 (n=7)	-	-
April-June 2016 (27)	26	30	4	26	25	4	30 (n=10)	0 (n=7)	-	-
July-September 2016 (31)	26	52	0	42	32	0	20 (n=10)	0 (n=10)	-	-
October-December 2016 (31)	10	58	0	45	28	0	39 (n=13)	0 (n=11)	-	-
January-March 2017 (27)	33	59 H	0	37	15	0	14 (n=7)	0 (n=7)	-	-
April-June 2017 (43)	23	49	0	61	28	2	13 (n=8)	0 (n=8)	-	-
July-September 2017 (20)	20	55	5 H	65 H	30	0	10 (n=10)	0 (n=11)	-	-
October-December 2017 (26)	12	35	0	39	35	12 H	22 (n=9)	0 (n=9)	-	-
January-March 2018 (37)	11	46	0	38	30	0	17 (n=12)	0 (n=12)	-	-
April-June 2018 (38)	16	32	0	45	39	0	33 (n=9)	0 (n=6)	-	-
July-September 2018 (39)	10 L	39	0	56	36	3	9 (n=11)	0 (n=10)	-	-
October-December 2018 (35)	17	34	3	43	46	3	40 (n=10) H	0 (n=9)	-	-
January-March 2019 (31)	29	48	0	55	39	0	35	0	82 (n=27)	7 (n=27)
April-June 2019 (46)	28	44	0	48	48 H	2	35	0	83	7
July-September 2019 (40)	33	48	3	53	20	3	33	3	85	10
October-December 2019 (26)	12	23	0	39	8 L	0	23	4	69 L	12
January-March 2020 (26)	35 H	19 L	0	50	35	4	8 L	0	77	4 L
April-June 2020 (29)	28	28	0	41	38	0 L	24	0	72	14 H
July-September 2020 (35)	29	43	0	34	46	3	31	0 L	86 H	6
October-December 2020 (24)	25	25	0	29	33	8	25	4 H	71	13
January-March 2021 (39)	21	31	0 L	31	26	3	28	3	74	8

Notes: H: Highest %. L: Lowest %. If there are multiple highs or lows, the most recent quarter is selected as the high/low.

^aNs vary slightly because not all specimens were tested for all drugs each period. Ns are specified if they differ by more than 10%.

^bFentanyl and Oxycodone were added to the UMMC standard panel in late January 2019.

- The percentage of specimens testing positive for fentanyl (74%) was more than twice the other drugs.