

# University of Maryland Medical Center – Midtown Campus (MTC)

## UPDATED EDDS EHR RESULTS, through June 2021

MTC located in Baltimore City, Maryland submitted drug test results for 67 specimens tested by the hospital laboratory for the period of April 1, 2021 through June 30, 2021 that met the study eligibility criteria. De-identified data were obtained for patients 18 years or older presenting to the emergency department with a chief complaint of “drug overdose”, “overdose, accidental”, “HPI-toxidrome-overdose-ingestion”, or “overdose, intentional” and/or any ICD 10-CM T40 diagnosis code that had a drug urinalysis conducted with valid drug test results available.

### ***Highlights from Table 1 and Figures 1 and 2***

- Opiates (31%) remained close to their 5-year series low in April-June 2021, while benzodiazepines (46%) were close to their series high (T-1).
- Fentanyl (84%) was twice as prevalent as most other drugs detected, even as opiates (31%) were near their series low in April-June 2021 (F-1).
- Benzodiazepines are near the top of their 5-year range, while opiates are near the bottom (F-2).

### ***Figures 3, 4, and 5 analyze combined data from January 2016-June 2021***

- Patients testing positive for opiates, fentanyl, and methadone were the oldest. Patients positive for marijuana, PCP, and amphetamines were the youngest (F-3).
- Patients positive for barbiturates had the largest average total number of drugs detected in their specimens (4.15), while patients positive for opiates had the lowest number (2.69, F-4).
- 88% of barbiturate positive patients, 50% of PCP positive patients, and 93% of amphetamine positive patients were also positive for fentanyl. Fentanyl positive specimens were most likely to also contain cocaine (56%), opiates (41%), or benzodiazepines (35%, F-5).