

University of Maryland Baltimore Washington Medical Center (BMWC)

UPDATED EDDS EHR RESULTS, through June 2021

BWMC located in Anne Arundel County, Maryland submitted drug test results for 76 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

- Marijuana (42%), methadone (22%), and oxycodone (16%) reached series highs in April-June 2021 (T-1, F-1).
- Marijuana, cocaine, methadone, and oxycodone are near/at the top of their 4-year ranges (F-2).

Figures 3, 4, and 5 analyze combined data from May 2017-June 2021

- Patients testing positive for oxycodone, opiates, and methadone were the oldest. Patients positive for PCP, marijuana, and amphetamines were the youngest (F-3).
- Patients positive for methadone had the largest average total number of drugs detected in their specimens (2.72), while patients positive for marijuana had the lowest number (2.21, F-4).
- 61% of methadone positive patients, 45% of amphetamine positive patients, and 37% of opiate positive patients also tested positive for benzodiazepines. Benzodiazepine positive specimens were most likely to also contain cocaine (31%), opiates (31%), or marijuana (31%, F-5).