

University of Maryland St. Joseph Medical Center (SJMC)

UPDATED EDDS EHR RESULTS, through June 2021

SJMC located in Baltimore County, Maryland submitted drug test results for 28 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

- Benzodiazepines (36%), marijuana (25%), and opiates (21%) were the most frequently detected drugs in April-June 2021 (T-1, F-1).

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

- Patients testing positive for barbiturates, opiates, and benzodiazepines were older. Patients positive for cocaine, amphetamines, and marijuana were the youngest (F-3).
- Patients positive for methadone tested positive for the largest average total number of drugs (2.67), while patients positive for marijuana had the lowest number (1.98, F-4).
- 53% of methadone positive patients, 46% of amphetamine positive patients, and 40% of cocaine positive patients also tested positive for benzodiazepines. Benzodiazepine positive specimens were most likely to test positive for opiates (41%), cocaine (28%), or marijuana (27%, F-5).