

# Denver Health Medical Center

## INITIAL EDDS EHR RESULTS, January 2017-June 2021

Denver Health Medical Center submitted drug test results for 1,900 specimens tested by the hospital laboratory for the period of January 1, 2017 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 complaint of “overdose” or “naloxone” and/or any ICD 10-CM T36-T50 initial encounter diagnosis code of overdose with accidental (unintentional), intentional self-harm, or undetermined intent that had a drug urinalysis conducted with valid drug test results available.<sup>1</sup>

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

- In the April-June 2021 quarter, benzodiazepines reached their highest level (47%) since January, 2017 and amphetamines (41%) were just below their series high of 42% (T-1).
- Opiate positives peaked at 23% in April-June 2020, and have been decreasing since that time, reaching 9% in (April-June 2021), near their lowest level of 8% (F-1).
- Benzodiazepines and amphetamines are at/near the top of their 5-year ranges; opiates are near their lowest level (F-2).

### *Figures 3, 4, and 5 analyze combined data from January 2017-June 2021*

- Patients positive for methadone and cocaine had the highest median ages (42 and 39, respectively, F-3).
- Methadone and opiate positive specimens contained the largest number of drugs (mean=2.5 and 2.3, respectively, F-4).
- About half (54%) of opiate positive specimens also contained amphetamines and 42% contained benzodiazepines. One half (53%) of methadone positive specimens also tested positive for amphetamines (F-5).

### *COVID-19 Tests*

- Covid-19 test results were included in the dataset for 450 patients tested from March 2020 to June 2021. Of these, 435 (97%) tested negative for Covid-19. Of the 15 patients that tested positive, 10 were White, 13 were male, 8 were 41+ years of age, and 8 had urinalysis results for drugs. 6 of the 8 tested positive for amphetamines, 4 tested positive for benzodiazepines, 3 tested positive for cocaine, 3 tested positive for opiates, and 1 tested positive for methadone. 3 of the 8 specimens were positive for both amphetamines and benzodiazepines.

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<sup>1</sup>Only includes visits with initial encounter ICD-10-CM diagnosis codes of T36–T50 with a sixth character of 1, 2, or 4 (exceptions for T36.9, T37.9, T39.9, T41.4, T42.7, T43.9, T45.9, T47.9, and T49.9, which were included if the code had a fifth character of 1, 2, or 4) and a seventh character of “A” (initial encounter).