Overall Substance-Related Toxicity Deaths

- 10,024 accidental substance-related toxicity deaths
  - 54% involved opioids
  - 61% involved stimulants
  - 13% involved alcohol
  - 7.8% involved benzodiazepines

72% increase in the number of deaths from the first and last 12 months of the study period

Nearly 2 in 3 people who died from a substance-related toxicity had a prior substance use disorder diagnosis

Prior Non-Fatal Substance-Related Toxicities

1 in 5 were treated in a hospital setting for a substance-related toxicity incident in the year before death

86% of opioid-related toxicity deaths (e.g., fentanyl)
99% of stimulant-related toxicity deaths (e.g., cocaine, methamphetamine)
50% of benzodiazepine-related toxicity deaths (e.g., zolpidem, bromazepam)

Non-Pharmaceutical Substances Involved in Death

- 86% opioid-related toxicity deaths
- 66% stimulant-related toxicity deaths
- 50% benzodiazepine-related toxicity deaths

Prior Substance Use Disorder Diagnoses

- Opioid-Related Toxicity Deaths
  - Nearly 2 in 3 had a substance use disorder
  - 41% had a substance use disorder diagnosis
  - 25% had a substance use disorder diagnosis across age groups:
    - <25
      - 33%
      - 30%
    - 25 to 44
      - 44%
      - 36%
    - 45 to 64
      - 56%
      - 46%
  - Prior Receipt of Opioid Agonist Treatment (i.e., methadone, buprenorphine, slow-release oral morphine)
    - 83% in the past 5 years
    - 59% in the past year
    - 30% in the past 30 days
    - 11% on the day of death

- Stimulant-Related Toxicity Deaths
  - 3 in 5 had a substance use disorder
  - 48% had a substance use disorder diagnosis
  - 52% had a substance use disorder diagnosis across age groups:
    - <44
      - 33%
      - 30%
    - 45 to 64
      - 44%
      - 55%
  - Prior Receipt of Topiramate and/or Pregabalin
    - 16% in the past year
    - 13% in the past 30 days
    - 3.5% on the day of death

- Alcohol-Related Toxicity Deaths
  - 3 in 5 had a substance use disorder
  - 48% had a substance use disorder diagnosis
  - 52% had a substance use disorder diagnosis across age groups:
    - ≤44
      - 33%
      - 30%
    - 45 to 64
      - 44%
      - 55%
  - Prior Receipt of Naltrexone and/or Acamprosate
    - 19% in the past year
    - 13% in the past 30 days
    - 3.5% on the day of death

- Benzodiazepine-Related Toxicity Deaths
  - Less than 1 in 20 had a substance use disorder
  - Prior Receipt of Gabapentin and/or Pregabalin
    - 42% in the past year
    - 27% in the past 30 days
    - 27% on the day of death

For more information: