

2021 Tennessee Drug Overdose Deaths

Tennessee Department of Health Office of Informatics and Analytics

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Introduction and Purpose

The purpose of this brief report is to describe drug overdose deaths in Tennessee in 2021, with an emphasis on providing useful data to stakeholders of Tennessee Department of Health (TDH) at the regional and county levels. Results presented here derive from Vital Statistics death certificate data as well as data from Tennessee's prescription drug monitoring program, the Controlled Substance Monitoring Database (CSMD).

Definitions

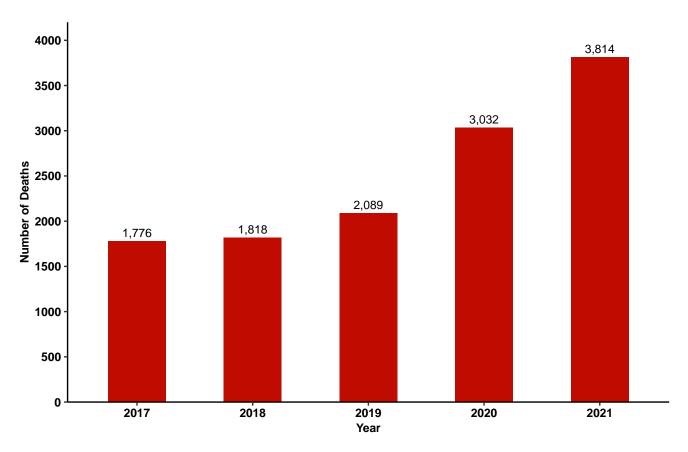
- Drug overdose (fatal and nonfatal)
 - A drug overdose is classified medically as a "drug poisoning." An overdose may be fatal or nonfatal, and in Tennessee in 2020, approximately 9 nonfatal overdose discharges (both outpatient visits and inpatient stays combined) occurred for every identified fatal overdose.¹
- Underlying cause of death
 - To be classified as a fatal overdose, the underlying cause of death on a death certificate must be designated as a drug poisoning. Thus, while drugs play a part in causing some deaths, only those for which the drug poisoning is designated as the underlying cause of death are designated as overdoses by the Centers for Disease Control and Prevention (CDC). TDH provides death certificate data to CDC and they provide the final classifications and coding for the causes of death. For this reason, it is possible that local medical examiners may consider rates of overdose death to be different than the final, official statistical data.²
- Contributing cause of death
 - In addition to the underlying cause of death, a death certificate may include multiple contributing causes of death. Once a death is designated as an overdose, the contributing causes provide data on the types of drugs that were present in the body of the decedent, as identified through toxicology report. Of note, contributing causes of death are coded using ICD10 codes, so drugs for which a code does not exist would not be identified in this way.
- Literal text on death certificates
 - In addition to the coded data available in the underlying and contributing causes of death columns of the data file, there are text fields available that may provide additional information. For example, no ICD10 code currently exists to specifically identify fentanyl; the analytic team uses a text search to identify cases involving fentanyl within the subset of individuals with an underlying cause of death of drug overdose.
- Controlled Substance Monitoring Database
 - The Controlled Substance Monitoring Database (CSMD) of Tennessee includes data on controlled substances that are dispensed. For our analyses, we include only those data on individuals who are residents of the state.

¹TDH drug overdose data dashboard

²TDH drug overdose mortality report, 2020

State-level Overview 2017 - 2021

Drug Overdose Deaths in TN, 2017-2021



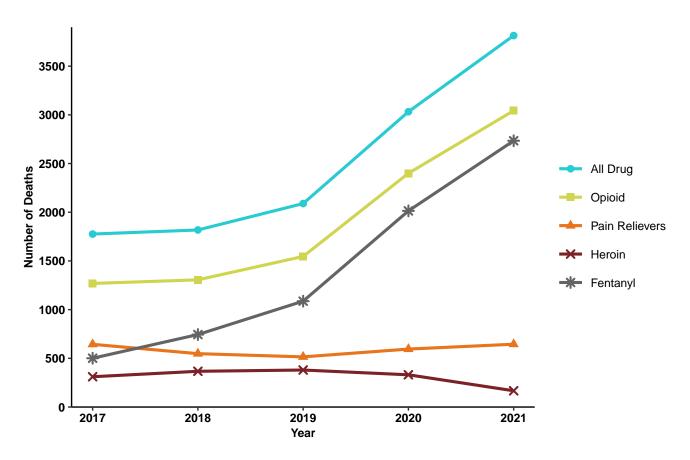
Analysis by the Office of Informatics and Analytics, TDH (last updated October 27, 2022). Limited to TN residents.

Data Source: TN Death Statistical File.

In 2021, a total of 3,814 Tennesseans died of a drug overdose, representing a 26% increase from 2020. Over the past five years, drug overdose deaths in Tennessee increased consistently, however, the increase from 2019 to 2020 is the largest observed during this period.

The intent, sometimes referred to as manner of death, is the general classification of how the injury led to the death. In 2021, about 97% of all drug overdose deaths (n=3,688) in TN were due to unintentional poisoning, while 2% of overdose deaths were intentional.

Number of Overdose Deaths by Drug Type in TN, 2017-2021



Analysis by the Office of Informatics and Analytics, TDH (last updated October 27, 2022). Limited to TN residents.

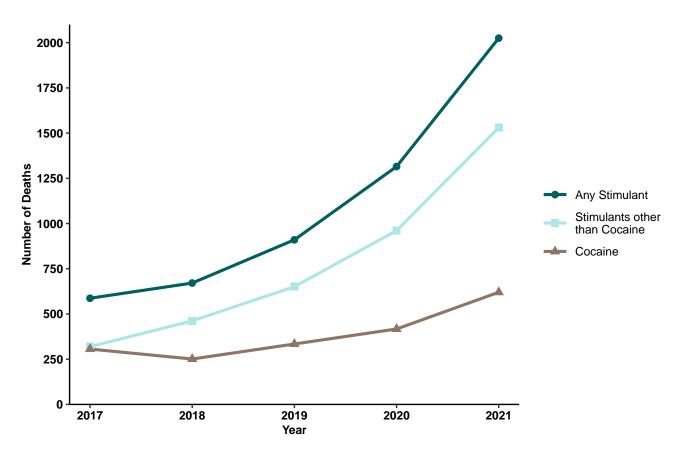
Data Source: TN Death Statistical File.

| Numbe | er of Overdo | se Deaths | in TN by D | rug Type | |
|----------------|--------------|-----------|------------|----------|-------|
| Туре | 2017 | 2018 | 2019 | 2020 | 2021 |
| All Drug | 1,776 | 1,818 | 2,089 | 3,032 | 3,814 |
| Opioid | 1,269 | 1,306 | 1,546 | 2,400 | 3,043 |
| Pain Relievers | 644 | 548 | 515 | 595 | 645 |
| Heroin | 311 | 367 | 380 | 331 | 167 |
| Fentanyl | 501 | 744 | 1,087 | 2,014 | 2,734 |

Opioids have consistently played a role in drug overdose deaths in Tennessee and were involved in 80% of overdose deaths in 2021. The increase in opioid overdose deaths is primarily driven by deaths involving illicit fentanyl. Deaths involving opioids identified as pain relievers (i.e., those typically obtained through a prescription) have increased slightly after several years of decline, while deaths involving heroin have decreased significantly after several years of increase prior.

Of note, these are not mutually exclusive drug categories, and an overdose may have involved multiple types of opioids or non-opioid drugs.

Number of Stimulant Overdose Deaths in TN, 2017-2021



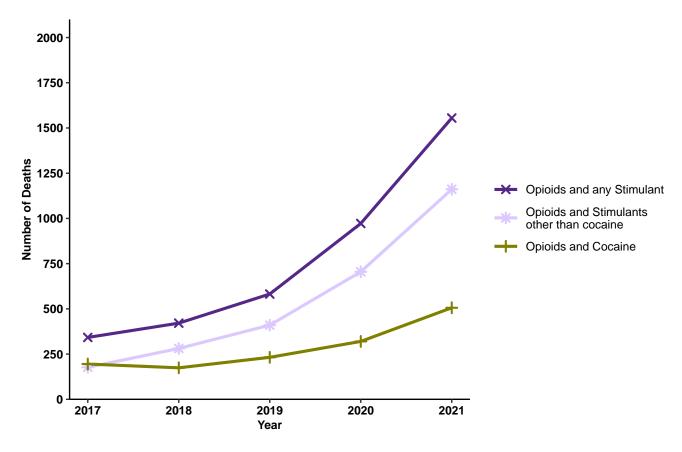
Analysis by the Office of Informatics and Analytics, TDH (last updated October 27, 2022). Limited to TN residents.

Data Source: TN Death Statistical File.

| Number of Stimulant Overdose Deaths in TN | | | | | | | | | | | |
|---|-------------------|-------------------|-------------------|---------------------|-----------------------|--|--|--|--|--|--|
| Туре | 2017 | 2018 | 2019 | 2020 | 2021 | | | | | | |
| Any Stimulant Stimulants other than Cocaine Cocaine | 587 319 306 | 671 462 251 | 910 651 334 | 1,315 961 417 | 2,025 1,530 620 | | | | | | |

Deaths involving any stimulants have consistently increased over the past five years: a 245% increase from 2017 to 2021. Deaths involving stimulants other than cocaine, a category that includes primarily deaths involving methamphetamine, have increased substantially over this period.

Number of Stimulant and Opioid Overdose Deaths in TN, 2017-2021



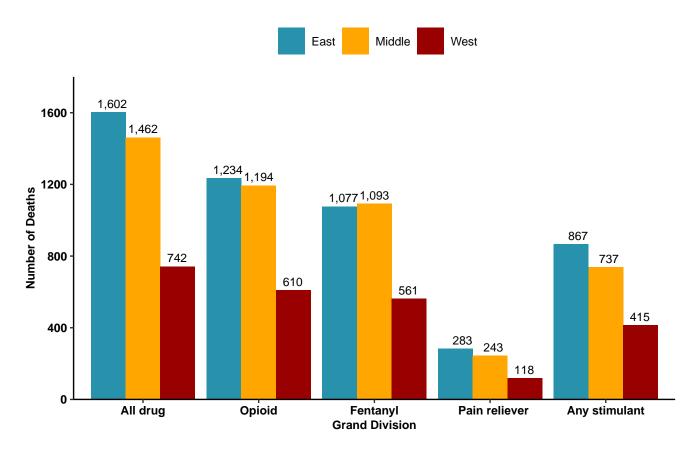
Analysis by the Office of Informatics and Analytics, TDH (last updated October 27, 2022). Limited to TN residents.

Data Source: TN Death Statistical File.

| Number of Stimulant and Opioid Overdose Deaths in TN | | | | | | | | | | | |
|---|------------|------------|------------|------------|----------------|--|--|--|--|--|--|
| Туре | 2017 | 2018 | 2019 | 2020 | 2021 | | | | | | |
| Opioids and Any Stimulant Opioids and Stimulants other than Cocaine | 342 177 | 421 281 | 582 410 | 972 705 | 1,555 1.161 | | | | | | |
| Opioids and Cocaine | 195 | 174 | 232 | 320 | 506 | | | | | | |

Deaths involving both opioids and stimulants have also increased over the past five years. In 2021, 77% of stimulant-involved deaths also involved an opioid. Of these deaths (n=1,555), the opioid most frequently involved was fentanyl (94%).

Number of All Drug Overdose Deaths by Grand Division in TN, 2021



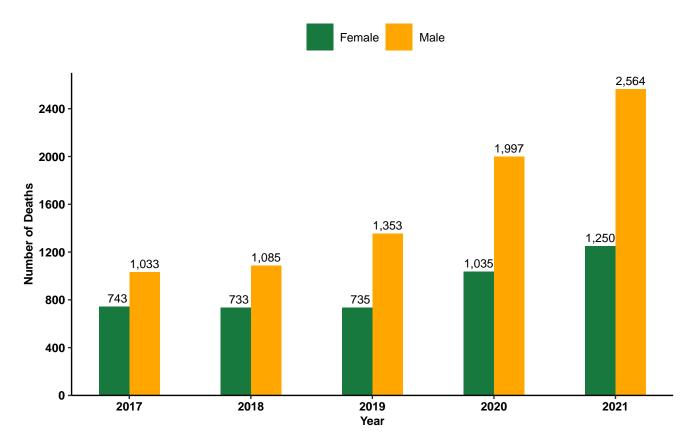
Analysis by the Office of Informatics and Analytics, TDH (last updated October 27, 2022). Limited to TN residents.

Data Source: TN Death Statistical File.

| Number of All Drug Overdose Deaths by Grand Division in TN | | | | | | | | | | |
|--|----------|--------|----------|---------------|---------------|--|--|--|--|--|
| GrandDivision | All drug | Opioid | Fentanyl | Pain reliever | Any stimulant | | | | | |
| East | 1,602 | 1,234 | 1,077 | 283 | 867 | | | | | |
| Middle | 1,462 | 1,194 | 1,093 | 243 | 737 | | | | | |
| West | 742 | 610 | 561 | 118 | 415 | | | | | |

East TN had the highest number of overdose deaths, encompassing 42% of the deaths in 2021, followed by Middle and West grand divisions. The "Unknown" category is not shown in the graph.

Number of All Drug Overdose Deaths by Sex in TN, 2017-2021



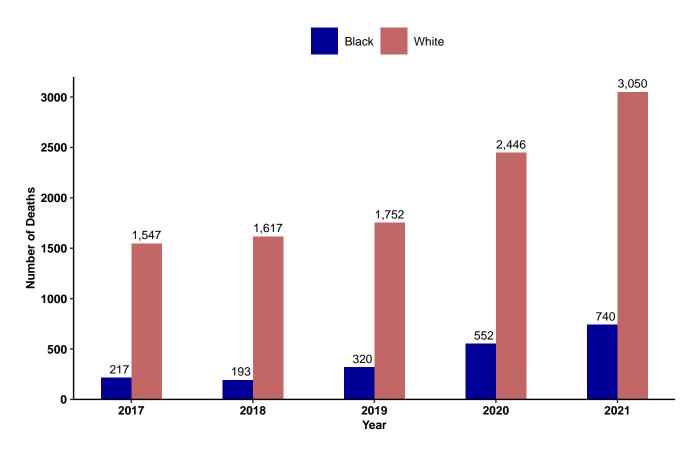
Analysis by the Office of Informatics and Analytics, TDH (last updated October 27, 2022). Limited to TN residents.

Data Source: TN Death Statistical File.

| Number of All Drug Overdose Deaths by Sex in TN | | | | | | | | |
|---|--------------|--------------|--------------|----------------|----------------|--|--|--|
| Sex | 2017 | 2018 | 2019 | 2020 | 2021 | | | |
| Female Male | 743 1,033 | 733 1,085 | 735 1,353 | 1,035 1,997 | 1,250 2,564 | | | |

Males have made up an increasing proportion of overdose deaths over the past five years, and they now account for approximately two-thirds of all overdose deaths. The number of males who died of a drug overdose increased 28% between 2020 and 2021. Even though the number of females who died of a drug overdose remained relatively stable from 2017-2019, there was a 21% increase between 2020 and 2021.

Number of All Drug Overdose Deaths by Race in TN, 2017-2021



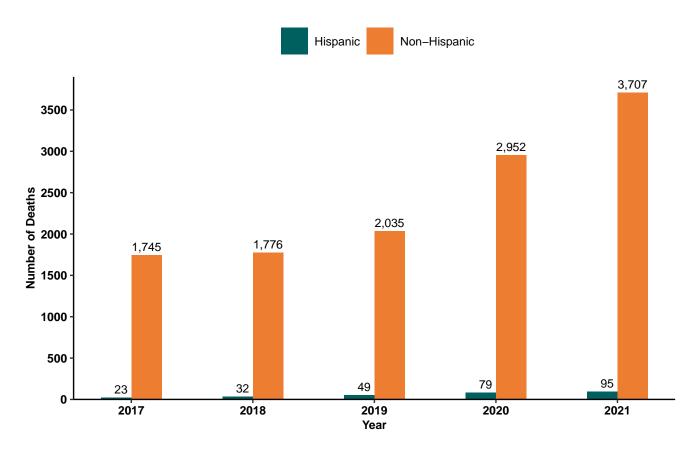
Analysis by the Office of Informatics and Analytics, TDH (last updated October 27, 2022). Limited to TN residents.

Data Source: TN Death Statistical File.

| Number of All Drug Overdose Deaths by Race in TN | | | | | | | | |
|--|--------------|--------------|--------------|--------------|--------------|--|--|--|
| Race | 2017 | 2018 | 2019 | 2020 | 2021 | | | |
| Black White | 217 1,547 | 193 1,617 | 320 1,752 | 552 2,446 | 740 3,050 | | | |

Tennesseans who died from a drug overdose were more likely to be White, but the proportion of White Tennesseans who died of drug overdose has decreased from 87% in 2017 to 80% in 2021. Between 2020 and 2021, drug overdose deaths involving Black Tennesseans have increased 34%.

Number of All Drug Overdose Deaths by Ethinicity in TN, 2017-2021



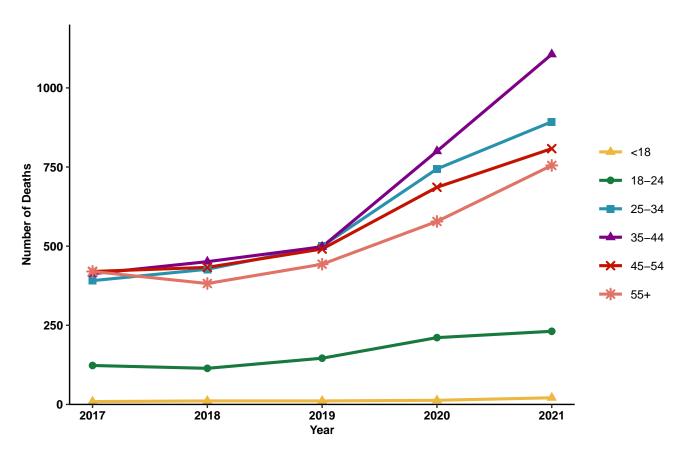
Analysis by the Office of Informatics and Analytics, TDH (last updated October 27, 2022). Limited to TN residents.

Data Source: TN Death Statistical File.

| Number of All Drug Overdose Deaths by Ethinicity in TN | | | | | | | | | |
|--|-------------|-------------|-------------|-------------|-------------|--|--|--|--|
| Ethinicity | 2017 | 2018 | 2019 | 2020 | 2021 | | | | |
| Hispanic Non-Hispanic | 23 1,745 | 32 1,776 | 49 2,035 | 79 2,952 | 95 3,707 | | | | |

Between 2017 and 2021, drug overdose deaths involving Hispanic Tennesseans has increased 313%. Over the five year time period, deaths among Hispanic Tennesseans have primarily involved opioids (specfically fentanyl) and stimulants (both cocaine and methamphetamine). The "Unknown" category is not shown in the graph.

Number of All Drug Overdose Deaths by Age in TN, 2017-2021



Analysis by the Office of Informatics and Analytics, TDH (last updated October 27, 2022). Limited to TN residents.

Data Source: TN Death Statistical File.

| Number of All Drug Overdose Deaths in TN by Age | | | | | | | | | | |
|---|------|------|------|------|-------|--|--|--|--|--|
| AgeCategory | 2017 | 2018 | 2019 | 2020 | 2021 | | | | | |
| < 18 | 9 | 11 | 11 | 13 | 21 | | | | | |
| 18 - 24 | 123 | 114 | 146 | 211 | 231 | | | | | |
| 25 - 34 | 391 | 427 | 500 | 744 | 893 | | | | | |
| 35 - 44 | 413 | 451 | 498 | 800 | 1,106 | | | | | |
| 45 - 54 | 420 | 433 | 491 | 686 | 808 | | | | | |
| 55+ | 420 | 382 | 443 | 578 | 755 | | | | | |

From 2017 to 2021, overdose deaths have increased among all age groups. Between 2020 and 2021, persons aged 35-44 years had the highest percent increase (38%) of drug overdose deaths among these age groups.

Prescription History among Overdose Deaths for Tennessee Residents

Prescription History in the 365 Days Before Overdose Deaths in TN, 2017-2021

Percent who filled any prescription in the TN CSMD within 365 days of death by type of overdose death among all individuals who died, 2017-2021 (n_total=12,399, n_linked=10,678)

| Overdose Death | 2017 | 2018 | 2019 | 2020 | 2021 |
|------------------------------|------|------|------|------|------|
| All Drug | 64 | 58 | 53 | 48 | 44 |
| Opioid | 66 | 58 | 53 | 47 | 44 |
| Pain Relievers | 76 | 69 | 63 | 62 | 60 |
| Heroin | 57 | 51 | 49 | 47 | 44 |
| Fentanyl | 54 | 50 | 49 | 44 | 42 |
| Benzodiazepine Opioid and | 76 | 75 | 66 | 66 | 60 |
| Benzodiazepine | 75 | 73 | 66 | 65 | 59 |

The Controlled Substance Monitoring Database (CSMD) provides insight on the degree to which Tennesseans who die of drug overdoses have received prescriptions for controlled substances. The table on this page shows the percentage of overdose decedents who filled any controlled substance prescription in the 365 day period before their death. Overdose deaths are further divided into categories by the drug involved in the death. For example, in 2021, 44% of individuals who died of an opioid overdose had filled any prescription (reported to the CSMD) in the past year, compared to 27% doing so in the 60 days before death (see next page). *Categories of drug deaths are not mutually exclusive*.

Prescription History in the 60 Days Before Overdose Deaths in TN, 2017-2021

Percent who filled any prescription in the TN CSMD within 60 days of death by type of overdose death among all individuals who died, 2017-2021 (n_total=12,399, n_linked=10,678)

| Overdose Death | 2017 | 2018 | 2019 | 2020 | 2021 |
|------------------------------|------|------|------|------|------|
| All Drug | 43 | 38 | 34 | 31 | 27 |
| Opioid | 45 | 39 | 35 | 30 | 27 |
| Pain Relievers | 58 | 53 | 47 | 47 | 42 |
| Heroin | 28 | 30 | 28 | 29 | 23 |
| Fentanyl | 31 | 27 | 28 | 25 | 24 |
| Benzodiazepine Opioid and | 57 | 61 | 52 | 51 | 46 |
| Benzodiazepine | 56 | 59 | 52 | 50 | 45 |

The table on this page shows the percentage of overdose decedents who filled any controlled substance prescription in the 60 day period before their death. Overdose deaths are further divided into categories by the drug involved in the death. Over the five year period from 2017-2021, there has been a continual decrease in the percentage of decedents who filled a prescription in the CSMD in the 60 days before death for most categories. Whereas in 2017, 43% of overdose decedents had a filled prescription in the 60 days before death, by 2021 that number dropped to just 27%. These trends reflect the decrease of deaths involving prescription opioids and increase in deaths involving illicit opioids, the current driving force of the epidemic of overdose deaths.

Opioid and Benzodiazepine Prescription History in the 60 Days Before Overdose Deaths in TN, 2017-2021

Percent who filled a prescription for an opioid / benzodiazepine in the TN CSMD within 60 days of death by type of overdose death among all individuals who died, 2017-2021 (n_total=12,399, n_linked=10,678)

| | Opioid prescription filled | | | | Ben | zodiazep | ine pres | cription f | filled | |
|------------------------------|----------------------------|------|------|------|------|----------|----------|------------|--------|------|
| Overdose Death | 2017 | 2018 | 2019 | 2020 | 2021 | 2017 | 2018 | 2019 | 2020 | 2021 |
| All Drug | 34 | 26 | 22 | 19 | 17 | 21 | 20 | 15 | 14 | 11 |
| Opioid | 37 | 27 | 24 | 19 | 17 | 22 | 20 | 15 | 14 | 11 |
| Pain Relievers | 51 | 40 | 36 | 34 | 30 | 31 | 29 | 23 | 24 | 20 |
| Heroin | 22 | 22 | 18 | 18 | 12 | 10 | 13 | 13 | 11 | 8 |
| Fentanyl | 23 | 18 | 18 | 15 | 15 | 11 | 11 | 11 | 11 | 9 |
| Benzodiazepine Opioid and | 44 | 38 | 30 | 29 | 23 | 39 | 47 | 38 | 38 | 34 |
| Benzodiazepine | 45 | 40 | 32 | 29 | 23 | 37 | 45 | 38 | 38 | 32 |

The table above shows the percentage of overdose decedents who filled an opioid or benzo-diazepine prescription in the 60 day period before their death. Overdose deaths are further divided into categories by the drug involved in the death. For example, in 2021, 17% of all drug overdose decedents had filled an opioid prescription in the 60 days before death, a 50% decrease from 2017.

2021 County Level Data

The following pages include county data on the number of overdose deaths in 2021 by a subset of drug types.

Please note that the contributing drugs are not mutually exclusive and the counts of subcategories of overdose death will not necessarily sum to total overdose deaths.

2021 Overdose Death Counts by County

| 2021 Overdose Death Counts by County | | | | | | |
|--------------------------------------|---------|--------|-------------|--------|----------|---------------|
| County | Alldrug | Opioid | Painreliver | Heroin | Fentanyl | Any Stimulant |
| Anderson | 91 | 80 | 18 | 7 | 69 | 55 |
| Bedford | 24 | 17 | 5 | 0 | 15 | 13 |
| Benton | 6 | 3 | 3 | 0 | 2 | 3 |
| Bledsoe | 8 | 5 | 1 | 0 | 4 | 5 |
| Blount | 95 | 77 | 19 | 6 | 67 | 38 |
| Bradley | 51 | 32 | 5 | 1 | 29 | 25 |
| Campbell | 24 | 17 | 3 | 2 | 15 | 10 |
| Cannon | 11 | 9 | 4 | 0 | 9 | 5 |
| Carroll | 4 | 0 | 0 | 0 | 0 | 2 |
| Carter | 26 | 21 | 8 | 2 | 15 | 16 |
| Cheatham | 31 | 28 | 6 | 2 | 26 | 17 |
| Chester | 5 | 1 | 0 | 0 | 1 | 3 |
| Claiborne | 9 | 3 | 1 | 0 | 2 | 3 |
| Clay | 5 | 2 | 1 | 0 | 0 | 3 |
| Cocke | 28 | 25 | 6 | 2 | 22 | 12 |
| Coffee | 25 | 16 | 5 | 1 | 13 | 18 |
| Crockett | 2 | 1 | 0 | 1 | 1 | 1 |
| Cumberland | 47 | 39 | 13 | 1 | 33 | 32 |
| Davidson | 529 | 456 | 76 | 17 | 434 | 263 |
| Decatur | 5 | 2 | 0 | 0 | 2 | 4 |
| DeKalb | 16 | 9 | 1 | 0 | 9 | 12 |
| Dickson | 41 | 38 | 9 | 3 | 36 | 19 |
| Dyer | 8 | 3 | 1 | 0 | 2 | 1 |
| Fayette | 19 | 14 | 3 | 0 | 12 | 8 |
| Fentress | 11 | 9 | 4 | 0 | 5 | 5 |
| Franklin | 9 | 5 | 2 | 0 | 4 | 1 |
| Gibson | 19 | 10 | 2 | 0 | 9 | 11 |
| Giles | 11 | 9 | 2 | 0 | 8 | 8 |
| Grainger | 19 | 8 | 0 | 1 | 8 | 12 |
| Greene | 45 | 29 | 11 | 1 | 22 | 27 |
| Grundy | 7 | 3 | 1 | 0 | 3 | 5 |
| Hamblen | 41 | 35 | 11 | 2 | 24 | 21 |
| Hamilton | 171 | 132 | 11 | 8 | 121 | 92 |
| Hancock | 2 | 2 | 0 | 0 | 2 | 0 |
| Hardeman | 5 | 3 | 1 | 0 | 3 | 4 |
| Hardin | 12 | 8 | 1 | 1 | 6 | 7 |
| Hawkins | 24 | 16 | 3 | 1 | 13 | 17 |
| Haywood | 1 | 1 | 0 | 0 | 1 | 0 |

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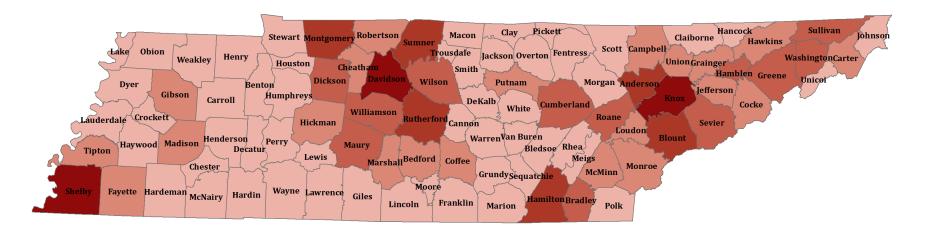
| 2021 Overdose Death Counts by County | | | | | | |
|--------------------------------------|---------|--------|---------------|--------|----------|---------------|
| County | Alldrug | Opioid | Painreliver | Heroin | Fentanyl | Any Stimulant |
| Henderson | 5 | 5 | 1 | 0 | 5 | 0 |
| Henry | 10 | 9 | 2 | 0 | 6 | 1 |
| Hickman | 24 | 19 | 1 | 2 | 18 | 17 |
| Houston | 4 | 3 | 0 | 0 | 3 | 0 |
| Humphreys | 7 | 6 | 1 | 1 | 4 | 2 |
| Jackson | 6 | 5 | 1 | 0 | 4 | 4 |
| Jefferson | 30 | 17 | 4 | 1 | 15 | 15 |
| Johnson | 9 | 5 | 1 | 1 | 4 | 8 |
| Knox | 452 | 381 | 79 | 33 | 351 | 249 |
| Lake | 3 | 2 | 1 | 0 | 2 | 2 |
| Lauderdale | 1 | 1 | 0 | 0 | 1 | 1 |
| Lawrence | 16 | 10 | 2 | 0 | 10 | 9 |
| Lewis | 9 | 5 | 1 | 0 | 5 | 7 |
| Lincoln | 7 | 5 | <u>.</u> 1 | 0 | 3 | 4 |
| Loudon | 34 | 29 | 6 | 3 | 26 | 18 |
| McMinn | 29 | 10 | 4 | 0 | 9 | 10 |
| McNairy | 13 | 8 | 5 | 0 | 5 | 6 |
| Macon | 8 | 4 | 0 | 0 | 3 | 5 |
| Madison | 35 | 27 | 3 | 2 | 24 | 21 |
| Marion | 11 | 10 | 1 | 0 | 7 | 7 |
| Marshall | 19 | 17 | 5 | 1 | 15 | 11 |
| Maury | 52 | 39 | 9 | 0 | 35 | 27 |
| Meigs | 9 | 2 | 1 | 0 | 2 | 3 |
| Monroe | 28 | 21 | 10 | 1 | 15 | 15 |
| | 117 | 106 | 22 | 9 | 95 | 50 |
| Montgomery Moore | | | | | 0 | 0 |
| | 1 | 1 | 1 | 0 | | |
| Morgan | 13 | 9 | 1 | 1 | 9 | 10 2 |
| Obion | 5 | 3 | 1 | 0 | 1 | |
| Overton | 9 | 6 | 2 | 1 | 5 | 5 |
| Perry | 3 | 3 | 2 | 0 | 2 | 1 |
| Pickett | 4 | 2 | 2 | 0 | 0 | 2 |
| Polk | 5 | 3 | 0 | 0 | 2 | 1 |
| Putnam | 22 | 15 | 4 | 0 | 13 | 14 |
| Rhea | 12 | 5 | 1 | 1 | 5 | 9 |
| Roane | 50 | 41 | 12 | 0 | 33 | 23 |
| Robertson | 32 | 28 | 6 | 1 | 25 | 20 |
| Rutherford | 141 | 121 | 26 | 8 | 110 | 61 |
| Scott | 3 | 1 | 0 | 1 | 0 | 1 |
| Sequatchie | 7 | 5 | 1 | 0 | 5 | 4 |
| Sevier | 72 | 62 | 13 | 6 | 60 | 37 |
| Shelby | 549 | 488 | 90 | 15 | 458 | 320 |
| Smith | 9 | 7 | 3 | 0 | 6 | 5 |
| Stewart | 11 | 9 | 2 | 0 | 9 | 8 |
| Sullivan | 74 | 54 | 20 | 2 | 48 | 44 |
| Sumner | 93 | 66 | 16 | 2 | 60 | 35 |
| Tipton | 28 | 19 | 4 | 1 | 18 | 13 |
| Trousdale | 5 | 4 | 0 | 0 | 3 | 1 |
| Unicoi | 10 | 7 | 6 | 0 | 3 | 7 |

(continued)

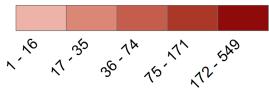
| 2021 Overdose Death Counts by County | | | | | | |
|--------------------------------------|---------|--------|-------------|--------|----------|---------------|
| County | Alldrug | Opioid | Painreliver | Heroin | Fentanyl | Any Stimulant |
| Union | 22 | 12 | 1 | 3 | 10 | 10 |
| Van Buren | 3 | 2 | 2 | 0 | 2 | 2 |
| Warren | 10 | 6 | 0 | 0 | 6 | 7 |
| Washington | 58 | 44 | 13 | 3 | 32 | 35 |
| Wayne | 5 | 4 | 0 | 1 | 3 | 3 |
| Weakley | 7 | 2 | 0 | 1 | 2 | 5 |
| White | 14 | 6 | 1 | 0 | 6 | 10 |
| Williamson | 41 | 36 | 5 | 3 | 33 | 17 |
| Wilson | 63 | 53 | 11 | 3 | 48 | 37 |
| Unknown | 8 | 5 | 1 | 1 | 3 | 6 |
| Tennessee | 3,814 | 3,043 | 645 | 167 | 2,734 | 2,025 |

2021 Tennessee Drug Overdose Deaths

Map: 2021 All Drug Overdose Deaths in TN Counties



Number of overdose deaths



Technical Notes: Tennessee Drug Overdose Deaths Indicator

Categories of drug overdose are identified as follows:

| Category | Criteria |
|--|--|
| Primary Criteria | Only Tennessee residents Excludes voided death certificates |
| All Drug Overdose | Deaths that have been coded with any of the following ICD-10 codes as the underlying cause of death: X40-X44: Accidental poisoning by drugs X60-X64: Intentional self-poisoning by drugs X85: Assault by drug poisoning Y10-Y14: Drug poisoning of undetermined intent |
| Drug Overdose Deaths Involving Opioids | Must meet criteria for All Drug Overdose deaths AND contain at least one of the following ICD-10 codes as a contributing cause of death: T40.0: Poisoning by opium T40.1: Poisoning by heroin T40.2: Poisoning by natural and semisynthetic opioids T40.3: Poisoning by methadone T40.4: Poisoning by synthetic opioids other than methadone T40.6: Poisoning by other and unspecified narcotics Must meet criteria for All Drug Overdose deaths AND contain the following text in the contributing cause of death text fields: 'FENTAN', 'FENTA', 'FANTAN' when no opioid code is available |
| Drug Overdose Deaths Involving Opioid Pain Relievers | Must meet criteria for All Drug Overdose deaths AND contain at least one of the following ICD-10 codes as a contributing cause of death: T40.2: Poisoning by natural and semisynthetic opioids T40.3: Poisoning by methadone |
| Drug Overdose Deaths Involving Heroin | Must meet criteria for All Drug Overdose deaths AND contain the following ICD-10 code as a contributing cause of death: T40.1: Poisoning by heroin |
| Drug Overdose Deaths Involving Fentanyl | Must meet criteria for All Drug Overdose deaths AND contain the following text in the contributing cause of death text fields: 'FENTAN', 'FENTA', 'FANTAN' |
| Drug Overdose Deaths Involving Any Stimulant | Must meet criteria for All Drug Overdose deaths AND contain the following ICD-10 code as a contributing cause of death: T43.6: Poisoning by psychostimulants with abuse potential or T40.5: Poisoning by cocaine |