

OFFICE OF APPLIED STUDIES

Drug Abuse Warning Network, 2004: Area Profiles of Drug-Related Mortality

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

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UNDERSTANDING DAWN MORTALITY DATA

The Drug Abuse Warning Network (DAWN) is a public health surveillance system that monitors drug-related deaths referred to medical examiners and coroners (ME/Cs) in selected metropolitan areas and States. Findings in this publication reflect data on drug-related deaths that occurred during calendar year 2004 and were reported by participating medical examiners or coroners (ME/Cs) to DAWN. In selected tables, data from reporting year 2003 are included for comparison. The Office of Applied Studies (OAS) of the Substance Abuse and Mental Health Services Administration (SAMHSA), U.S. Department of Health and Human Services, is responsible for DAWN.

Since the mortality component of DAWN does not rely on a statistical sample of ME/Cs, the findings cannot be extrapolated to apply to jurisdictions not participating during 2004. The findings cannot be extrapolated to the United States as a whole. Because of changes introduced to DAWN in 2003, DAWN mortality data for 2004 are only comparable to data for 2003 and should not be compared to mortality data for any prior years.

Drug-related deaths

Findings in this publication all pertain to drug-related deaths reported by participating death investigation jurisdictions as DAWN cases. Since 2003, a DAWN case has been any death reviewed by a ME/C that was related to recent drug use.

DAWN cases are found through a retrospective review of decedent case files in each participating death investigation jurisdiction. The relationship between the death and the drug need not be causal; the drug need only be implicated in the death, and the drug use must have been recent. DAWN cases include deaths associated with drug misuse, whether intentional or accidental, as well as deaths related to the use of drugs for legitimate, therapeutic purposes. This includes, but is not limited to, explicit drug abuse.

These eligibility criteria for a DAWN case are intentionally broad and inclusive. Since death record documentation varies in clarity and comprehensiveness across jurisdictions and among ME/Cs, broad criteria reduce the potential for judgments that could cause data to vary systematically and unexpectedly across reporters and jurisdictions. Broad criteria also capture a very diverse set of drug-related cases, which are able to support a wide variety of analytical purposes and the interests of multiple audiences.

For decedents under the age of 21, DAWN cases include deaths where the only drug involved was alcohol. For those 21 and older, there must be at least one other drug involved besides alcohol for the death to be a DAWN case.

The data items submitted on drug-related deaths are shown in Appendix A.

Drugs

DAWN covers all types of drugs. Drugs eligible for DAWN include:

- Illegal or illicit drugs, such as heroin, cocaine, marijuana, and Ecstasy;
- Prescription drugs, such as Prozac[®], Vicodin[®], OxyContin[®], alprazolam, and methylphenidate;
- Over-the-counter (OTC) medications, including aspirin, acetaminophen, ibuprofen, and multi-ingredient cough and cold remedies;
- Dietary supplements, including vitamins, herbal remedies, and nutritional products;
- Psychoactive, nonpharmaceutical inhalants;¹
- Alcohol in combination with other drugs; and,
- For those under age 21, alcohol without any other drug.

Deaths included in this publication

Findings in this publication focus on two major categories of drug-related deaths, based on manner of death.

Deaths related to drug misuse, defined broadly to include drug misuse or abuse, include the following:

- **Natural or accidental deaths with drug involvement.** This category captures nonmedical use, overuse, and misuse of prescription and OTC medications not documented as drug abuse; documented drug abuse; and drug-related cases that could not be assigned to a more specific category. The determination of “natural” or “accidental” as the manner of death is made by the ME/C.
- **Homicide by drug.** This category was designed to capture malicious poisonings; that is, the decedent was administered a drug by another person for a malicious purpose. The determination of homicide as the manner of death is made by the ME/C.
- **Deaths with drug involvement when manner of death denoted by the ME/C was “could not be determined” (CNBD).** This manner of death is assigned by the ME/C when a definitive ruling of suicide, homicide, natural, or accidental death is not possible.

Drug misuse deaths exclude two types of natural or accidental deaths: deaths that are the consequence of using a prescription or OTC pharmaceutical for therapeutic purposes, and deaths that involve the accidental use of a drug. The former would include deaths related to adverse drug reactions, side effects, and drug-drug or drug-alcohol interactions (but not deaths in which an illicit drug was involved). The latter would include, for example, an accidental poisoning by a child or by an individual who took the wrong medication or wrong dosage by mistake. Accidental ingestion is not synonymous with accidental death, a manner of death assigned by an ME/C.

¹ To be reportable, a nonpharmaceutical substance must be consumed by inhalation, sniffing, or snorting and must have a psychoactive effect when inhaled. A death involving inhalation of a nonpharmaceutical, psychoactive substance and no other drug qualifies as a DAWN case. Carbon monoxide is excluded from the inhalants reportable to DAWN.

Drug-related suicides include suicides with drug involvement. The determination of suicide is made by the ME/C. Drug-related suicides include more than “overdoses.” That is, a drug that was implicated in the death may not have been the cause of death.

Unit of measurement

Death is the primary measure of interest throughout this publication. To permit comparisons within or across areas or across demographic subgroups, death rates (i.e., the number of deaths per 1,000,000 population) have been added. This use of death rates is important because two areas with similar numbers of drug-related deaths may have vastly different populations, and two areas with similar populations may have different numbers of drug-related deaths. Rates, which take population differences into account, permit standardized comparisons. Other measures should not be compared across areas.

The reader should be cautious, though, in drawing conclusions about differences or changes in the rates of drug misuse deaths or drug-related suicides. While a difference in the rates from one year to the next may signify a difference in drug-related mortality, other factors may confound such comparisons. For example, State laws differ in regard to which deaths are subject to ME/C review. There can be changes from year to year in toxicology testing protocols in a jurisdiction or in the number of cases still pending (i.e., not closed) at the end of the DAWN reporting year. All of these factors can affect the number of deaths determined to be DAWN cases or the number of deaths attributed to particular drugs. It is also important when interpreting change to consider that even small changes in the number of deaths can result in large changes in percentage terms.



UNDERSTANDING THE PROFILES

Mortality data for each participating metropolitan area and State are summarized in a two-page “profile” for that area. Shorter, one-page “spotlights” for individual jurisdictions or counties are also included. All profiles observe the following conventions:

- Drug-related deaths are summarized in two categories: drug misuse (including drug abuse) and drug-related suicide.
- The unit of measurement in all charts and tables is deaths or death rates per 1,000,000 population.
- Deaths by gender and age are presented in a common metric: deaths per 1,000,000 population.
- The most frequently involved drugs are reported by drug category (e.g., opiates/opioids, benzodiazepines).
- Data for both 2003 and 2004 are reported when the same jurisdictions participated in both years. Data from earlier years are not comparable.
- Small numbers (defined as 3 or fewer deaths) are not shown. We suppress these small numbers to protect individual identities.

Additional detail on the DAWN data collection methodology is provided in Appendix A. A glossary of terms used in this report appears in Appendix B.

Content of area profiles

Figure 1 shows the general layout of each two-page profile. Each profile has a map and seven components (tables and figures), labeled A through G.

Map

Each profile begins with a map displaying the boundaries of the metropolitan area or State and its component counties. Both participating and nonparticipating jurisdictions are shown. Jurisdictions that provided mortality data for 2004 are white. Jurisdictions in the area that did not provide data are lightly shaded. Areas outside of the metropolitan areas or States are darkly shaded.

A death investigation jurisdiction tends to be consistent with a county, whereas most metropolitan areas and all States comprise multiple counties and, therefore, multiple death investigation jurisdictions. In this publication, the terms “jurisdiction” and “county” are used synonymously to reflect the fact that data are aggregated at the county level, regardless of actual jurisdictional boundaries.²

² These and other terms are defined in Appendix B.

Metropolitan-area definitions used in this publication are those established by the Office of Management and Budget (OMB), most recently based on the 2000 decennial Census.³ These boundaries were updated in 2003.

Next to the map the following items appear:

- The number of drug-related deaths reported by participating jurisdictions that involved drug misuse and suicide;
- The total population of the area;
- The population covered by participating jurisdictions; and
- The percent of population residing in participating jurisdictions.⁴

Only metropolitan areas with more than 50% population coverage are given a full two-page profile. However, readers should always consider population coverage in interpreting these mortality data. For any area with population coverage less than 100%, one should not use the deaths in participating jurisdictions to generalize about deaths in nonparticipating jurisdictions.

Figure 1. Sample metropolitan-area profile layout

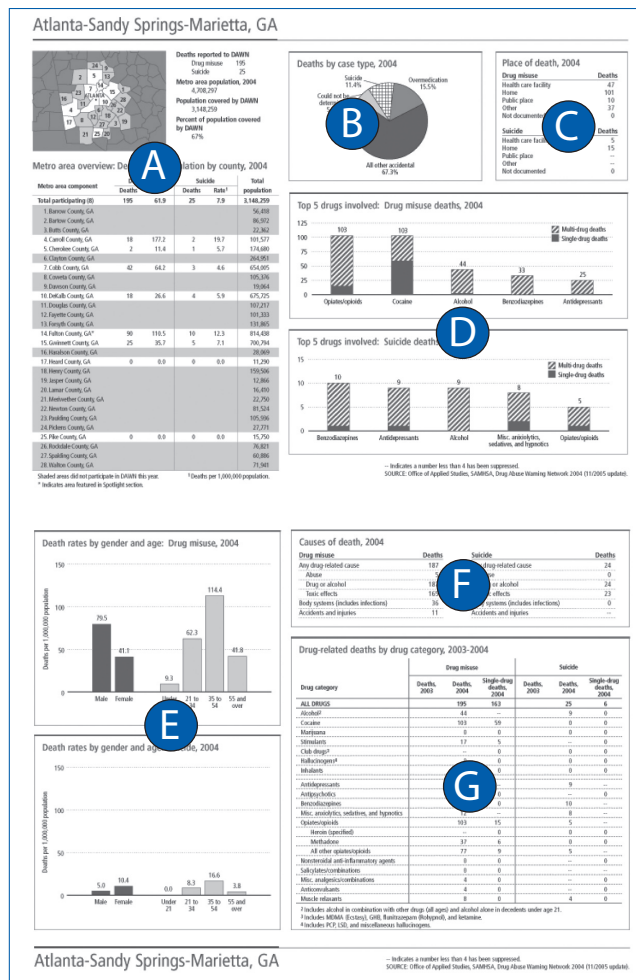


Table A: Metro-area overview: Deaths and population by county, 2004

Below the map, Table A lists each of the component jurisdictions for the area, which are numbered to correspond to their location on the area map. In metropolitan areas that cross State borders, jurisdictions are ordered first by State and then by county name. Rows for nonparticipating areas are shaded. Jurisdictions marked with an asterisk (*) are highlighted in separate Area Spotlights. In State profiles, jurisdictions marked with a dagger (†) are featured in metropolitan-area profiles.

³ Office of Management and Budget, Revised Definitions of Metropolitan Statistical Areas, New Definitions of Micropolitan Statistical Areas and Combined Statistical Areas, and Guidance on Uses of the Statistical Definitions of These Areas, Bulletin No. 03-04, June 6, 2003. Available from <http://www.whitehouse.gov/omb/bulletins/b03-04.html>.

⁴ Population estimates for 2004 were obtained from the U.S. Census Bureau County Population at <http://www.census.gov/popest/counties/CO-EST2004-01.html>.

An overview of each jurisdiction's data is displayed in the remaining columns of Table A. For each participating jurisdiction, the table displays the number of drug misuse deaths and drug-related suicides, as well as the rate for each category (i.e., the number of deaths per 1,000,000 population). The rate, because it is population-adjusted, can be compared across jurisdictions and across metropolitan areas. This standardization does not take into account, however, the differences in State laws that specify which deaths are subject to ME/C review, nor does it take into account other factors, discussed previously, that may confound comparisons across years.

The final column shows the population for each participating and nonparticipating jurisdiction. This information makes clear for readers the extent of DAWN's coverage of the metropolitan area.

The top row of the table shows totals for the area, a count of participating jurisdictions (in parentheses), and the number of deaths and death rates for all the participating jurisdictions combined.

All subsequent tables and figures (B through G) are based on data aggregated across the participating jurisdictions in each metropolitan area or State.

Figure B: Deaths by case type, 2004

Figure B is a pie chart that shows the relative mix of case types for drug misuse and drug-related suicide deaths.⁵ Solid slices are reserved for drug misuse cases; the patterned slice shows the suicide deaths. Reading clockwise, the drug misuse cases include:

- Overmedication cases, in the medium blue slice to the right of the suicide deaths;
- Homicide cases, in white;
- All other accidental deaths, in the darkest blue; and
- Deaths for which manner of death could not be determined, in the light blue slice.

Table C: Place of death, 2004

Table C summarizes the place of death for drug misuse and drug-related suicide cases separately. Deaths in emergency departments and other health care facilities have been aggregated into the single category "health care facility."

Figure D: Top 5 drugs involved in drug misuse deaths and suicides, 2004

Separate bar charts show the 5 most common drugs reported to DAWN for drug misuse deaths and drug-related suicides. The number shown above each bar is the number of deaths reported for the drug type shown. The bars also display the relative mix of deaths involving a single drug, as opposed to the number involving multiple drugs. The solid bottom portion of the bar represents deaths involving multiple drugs; the top, striped portion of the bar represents deaths involving only a single drug type. When small numbers (fewer than 4 deaths) have been suppressed, fewer than five bars are shown.

⁵ "Case type" and other terms are defined in Appendix B.

The drugs for this figure have been categorized as in Table G (discussed below). Note that the number of deaths cannot be summed across the bars, since multiple types of drugs are frequently involved in drug-related deaths. That is, a death that involved cocaine and heroin would appear in the bar for cocaine and in the bar for opiates/opioids. However, a death that involved two drugs of the same type (e.g., multiple opiates/opioids, such as methadone and heroin) would be counted only once in the bar for opiates/opioids and would be considered a single-drug death.

Grouping drugs in this fashion effectively eliminates double counting of redundant drug reports (e.g., “cocaine” and its metabolite “benzoylecgonine” reported for the same case); of potentially redundant reports from nonspecific terms (e.g., “heroin” and “opiates” reported for the same case); and of drugs that may be indistinguishable (e.g., “heroin” and “morphine”), depending on the time after death or method of testing. Enhanced training and automated prompts for DAWN reporters minimize but cannot eliminate these issues.

It is important also to remember that not every reported substance is, by itself, necessarily a cause of the death or even a contributor to the death. While improved training can reduce incidental reporting (i.e., reporting of drugs unrelated to the death), some incidental reporting will occur as a result of ambiguities in the case records. In some instances, a definitive determination of which drug or drugs contributed to the death may not be possible.

Figure E: Death rates by gender and age, 2004

Figure E displays the demographic characteristics of decedents in drug misuse deaths and suicide deaths, in terms of deaths per 1,000,000 population. Only population in participating jurisdictions is considered in the calculation of these rates. Taking population size into account is especially important for valid comparisons to be made across age and gender subgroups.

Table F: Causes of death, 2004

Table F summarizes drug misuse deaths and drug-related suicides by selected causes of death:

- **Any drug-related cause** – This means that a cause of death explicitly implicated a drug. Drug-related causes include:
 - Abuse – A subset of drug-related causes explicitly indicating drug or substance “abuse.”
 - Drug or alcohol – A subset of drug-related causes explicitly implicating a drug or alcohol.
 - Toxic effects – A subset of drug-related causes indicating adverse effects or combined effects of drugs and/or alcohol, an overdose or lethal or excess amount, poisoning, or toxicity.

- **Body systems (includes infection)** – A cause of death implicating a specific body system (respiratory, cardiovascular, gastrointestinal, musculoskeletal, etc.) or an infection specific to a body system.
- **Accidents or injuries** – A cause of death indicating involvement of an external event (such as drowning, electrocution, fall, fire, motor vehicle, gunshot wound, hanging, homicide, stabbing, suffocation, etc.).

Drug-related deaths often involve multiple causes, so deaths cannot be summed across the causes listed.

Causes of death are reported to DAWN as they appear in text on the death certificate.⁶ After receipt, each cause of death is coded and classified into categories. The categories were determined empirically, based on frequency of content and relevance to DAWN’s audience. A single cause may be classified into multiple categories. For example, a cause of death reported as “heroin overdose” would be classified in two categories: drug-involved (i.e., the drug was denoted in the cause of death) and overdose.

After all causes were coded and classified, the six categories listed above were selected for inclusion in Table F. As might be expected, a drug-related cause of death was present for nearly all DAWN cases.

Table G: Drug-related deaths by drug category, 2003-2004

Table G summarizes the total number of drug misuse deaths and drug-related suicides according to the drug, or drugs, involved for 2004 and, for comparison, 2003. A selection of drug categories including illicit drugs, alcohol, and pharmaceuticals is shown. Deaths for 2003 are not shown when the data did not exist (e.g., due to nonparticipation) or are not comparable to those shown for 2004 (e.g., in Chicago, Cook County is included in 2004 but was a nonparticipant in 2003). Numbers less than 4 are suppressed to protect confidentiality.

The unit of measurement in this table is deaths, not drugs. The typical drug-related death reported to DAWN involves multiple drugs, so deaths cannot be summed across categories without double counting. DAWN cases include both drug-induced and drug-related deaths. As a result, readers should not assume that any given substance was, by itself, the cause of death.

Single-drug deaths. For the current year, the number of single-drug deaths is also shown for each drug category. This is the number of deaths involving the listed drug (or drug type) and no others. In nearly all instances, the number of deaths involving a single drug will be lower than the total number of deaths for which that drug was reported. Even in single-drug deaths, readers should not assume that the drug was necessarily the direct and sole cause of death.

⁶ DAWN does not collect causes of death coded according to the *International Classification of Diseases, 10th Revision*.

Drug categories. The 17 drug categories shown in this table are unique to this publication but are derived from DAWN's standard drug classification scheme.⁷

The first row of Table G summarizes deaths and single-drug deaths across all drug categories, those shown and those not shown in the rows below.

The rows following the total summarize deaths for selected drugs (or drug categories). Low-frequency drugs have been aggregated into larger categories. These rows include:

- **Alcohol.** Alcohol is reportable to DAWN for all ages if at least one other reportable substance was also present. In decedents under age 21, alcohol may be reported alone. Therefore, any single-drug death for alcohol is for a decedent under age 21. Alcohol is not included among the illicit drugs, although it is an illegal drug for individuals under age 21.

The next six rows in Table G pertain to illicit drugs. Included are:

- **Cocaine**, which includes both crack and powder cocaine.
- **Marijuana**, which includes marijuana and hashish. Importantly, some jurisdictions do not conduct toxicology tests for the presence of marijuana and do not report marijuana to DAWN. The full extent of the underreporting of marijuana is unknown.
- **Stimulants**, which include amphetamines and methamphetamine. This category does not include other central nervous system stimulants, such as caffeine or methylphenidate.
- **Club drugs**, which include methylenedioxymethamphetamine (MDMA, or Ecstasy), gamma hydroxy butyrate (GHB) and its precursor gamma butyrolactone (GBL), flunitrazepam (Rohypnol), and ketamine. In other settings or studies, the drugs classified as "club drugs" may exclude some of these drugs or include others, such as LSD or methamphetamine. Therefore, one should be cautious when comparing findings from DAWN with findings from other sources.
- **Hallucinogens**, which include LSD, PCP, and miscellaneous hallucinogens, such as psilocybin.
- **Inhalants**, which include anesthetic gases and any psychoactive nonpharmaceutical substance for which the documented route of administration was inhalation.

The remaining rows in Table G are devoted to prescription and over-the-counter pharmaceuticals, as well as heroin, which is listed with the other opiates/opioids. The drug categories included in this section are:

⁷ The classification of drugs used by DAWN is derived from the Multum *Lexicon*, © 2005, Multum Information Services, Inc. The classification has been modified to meet DAWN's unique requirements (2006). The Multum Licensing Agreement governing use of the *Lexicon* is provided in Appendix C and can be found on the Internet at <http://www.multum.com/>.

- **Antidepressants**, which include monoamine oxidase inhibitors (MAOIs), selective serotonin reuptake inhibitors (SSRIs), tricyclic antidepressants, and miscellaneous antidepressants such as bupropion and venlafaxine.
- **Antipsychotics**, which include phenothiazine antipsychotics, psychotherapeutic combinations, thioxanthenes, and miscellaneous antipsychotic agents such as lithium and quetiapine.
- **Benzodiazepines**, which include alprazolam, clonazepam, diazepam, and others, including those reported simply as “benzodiazepines.” Flunitrazepam, which is classified as a club drug, is not included as a benzodiazepine.
- **Miscellaneous anxiolytics, sedatives, and hypnotics**, which include diphenhydramine and zolpidem.
- **Opiates/opioids**, which include all types of natural and synthetic opiates and opioid analgesics. This category is the only one that is subdivided. The subdivisions are:
 - **Heroin (specified)**, which includes heroin reported by name or its specific metabolites;⁸
 - **Methadone**; and
 - **All other opiates/opioids**, which include natural and synthetic opiates and opioid analgesics such as codeine, hydrocodone, oxycodone, and morphine, as well as reports designated simply as “opiates.”⁹
- **Nonsteroidal anti-inflammatory agents (NSAIDs)**, which include ibuprofen and naproxen. Cox-2 inhibitors are not classified as NSAIDs in the taxonomy used by DAWN.
- **Salicylates/combinations**, which include aspirin alone and in combination with other ingredients.
- **Miscellaneous analgesics/combinations**, which are primarily acetaminophen alone or in combination with other ingredients.
- **Anticonvulsants**, which include carbamazepine and gabapentin.
- **Muscle relaxants**, which include carisoprodol and cyclobenzaprine.

Readers should note that the total number of deaths in any given drug category (with the possible exception of alcohol, cocaine, and opiates/opioids) is often quite small, even in metropolitan areas with a relatively large number of drug misuse deaths. The presentation of these data, despite their low frequency, represents a deliberate effort to provide useful information about the relative occurrence of deaths related to different types of substances. However, numbers less than 4 have been suppressed to protect decedents’ identities.

⁸ Overall, 95% of drugs in the category “heroin (specified)” were reported to DAWN as “heroin” or its metabolite “monoacetylmorphine.” The remaining 5% were reported as acetylmorphine, diacetylmorphine, acetylcodeine, monoacetylcodeine, or heroin dope. Morphine and unspecified opiates are *not* included in this “heroin (specified)” category. Morphine is not classified as heroin because it is not possible to differentiate morphine, the metabolite of heroin, from morphine itself. Overall, the term “morphine” or “free morphine” accounted for 98% of reports classified as “morphine,” and the term “opiates” accounted for 95% of the unspecified opiates.

⁹ Some examples may assist readers in interpreting this classification. A death that involved heroin and methadone would be counted once in the “opiates/opioids” category, once in the “heroin (specified)” row, and once in the “methadone” row. A death that involved morphine (prescription morphine or the metabolite for heroin) would be counted in the “opiates/opioids” category and in the row for “all other opiates/opioids.” A death that involved both morphine and codeine (a possible indicator for heroin) would be counted once in the “opiates/opioids” category and once in the row for “all other opiates/opioids.”

State profiles

Six statewide ME/C systems participated in DAWN in 2004. A full two-page profile is provided for each of the following States:

- Maine,
- Maryland,
- New Hampshire,
- New Mexico,
- Utah, and
- Vermont.

Metropolitan areas in these States can be found in the metropolitan-area profiles in this publication. Only metropolitan areas that fell wholly within the State and reported more than 30 drug misuse or drug-related suicide deaths to DAWN in 2004 receive full two-page profiles. In 2004, these were:

- Albuquerque, NM;
- Baltimore-Towson, MD;
- Ogden-Clearfield, Provo-Orem, and Salt Lake City, UT; and
- Portland-South Portland, ME.

Abbreviated profiles for selected metropolitan areas

To warrant a full two-page profile, the participating jurisdictions of a metropolitan area (combined) must have reported more than 30 drug misuse or suicide deaths, and the area's population coverage must have exceeded 50%. If either of these two conditions was not met, an abbreviated profile is provided for the area.

In 2004, the following areas warranted abbreviated profiles due to low numbers of reported deaths:

- Bangor, ME;
- Burlington-South Burlington, VT;
- Fargo, ND-MN;
- Farmington, NM;
- Las Cruces, NM;
- Lewiston-Auburn, ME;
- Manchester-Nashua, NH;
- Salisbury, MD;
- Santa Fe, NM;
- Sioux Falls, SD; and
- St. George, UT.

In 2004, the following areas warranted abbreviated profiles because of low population coverage:

- Dallas-Fort Worth-Arlington, TX;
- Kansas City, MO-KS;
- Philadelphia-Camden-Wilmington, PA-NJ-DE-MD; and
- San Francisco-Oakland-Fremont, CA.

Abbreviated profiles include only a map and Table A. These show the specific counties included in the metropolitan area, the population of each, the identities of the component jurisdictions that participated in DAWN in 2004, the number of deaths involving drug misuse or drug-related suicide that were reported by each participating jurisdiction, and the population coverage of the participants relative to the entire area. If the number of participating jurisdictions or the number of reported deaths increases in future years to exceed the established levels, then full two-page profiles will be published for these areas. Likewise, if any area drops below either of these established levels in future years, only a map and Table A will be published for that area.

Area spotlight profiles

Area spotlight profiles focus on drug misuse deaths in key counties and cities within the participating metropolitan areas. As a general rule, spotlight profiles are produced for jurisdictions in which 60 or more misuse deaths were reported. These jurisdictions usually correspond to population centers of a metropolitan area or county containing the city for which the metropolitan area is named. Spotlight profiles are not produced for population centers when fewer than 60 misuse deaths were reported. Drug-related suicide deaths are not covered in spotlight profiles because the numbers so rarely exceed the 60-death threshold.

Spotlight profiles are provided for 35 jurisdictions for 2004. The following examples and exceptions apply:

- Albuquerque, NM: A spotlight profile is provided for Bernalillo County in the Albuquerque metropolitan area because it is both the major population center and contains the city of Albuquerque. This is the pattern followed for most of the spotlight profiles.

In a few metropolitan areas, spotlight profiles are provided for multiple counties when their large populations and/or local interest warrants specific listings. These areas include the following:

- Baltimore City and Baltimore County in the Baltimore-Towson, MD, metropolitan area;
- Essex, Middlesex, and Suffolk Counties in Boston-Cambridge-Quincy, MA-NH;
- Macomb, Oakland, and Wayne Counties in Detroit-Warren-Livonia, MI;
- Miami-Dade and Palm Beach Counties in Miami-Fort Lauderdale-Miami Beach, FL;
- Jefferson and Orleans Parishes in New Orleans-Metairie-Kenner, LA;
- Bronx, Kings, New York, and Queens Counties for New York City, as well as Suffolk County for the New York-Newark-Edison, NY-NJ-PA, metropolitan area;

- Camden and Delaware Counties, NJ, and Montgomery County, PA, in Philadelphia-Camden-Wilmington, PA-NJ-DE-MD;
- King and Snohomish Counties in Seattle-Tacoma-Bellevue, WA; and
- St. Louis City and St. Louis County, in St. Louis, MO-IL.

For some metropolitan areas, no spotlight profiles are necessary because the metropolitan area contains only one county or had only one county participating in DAWN:

- The San Diego metropolitan area includes only one county, San Diego County.
- The following metropolitan areas each contain multiple counties, only one of which participated in DAWN in 2004: Birmingham-Hoover, AL; Cleveland-Elyria-Mentor, OH; Houston-Baytown-Sugar Land, TX; Los Angeles-Long Beach-Santa Ana, CA; Milwaukee-Waukesha-West Allis, WI; Oklahoma City, OK; Phoenix-Mesa-Scottsdale, AZ; and Pittsburgh, PA.

In a few metropolitan areas the jurisdictions representing the population centers did not participate in DAWN in 2004, so it was not possible to spotlight these jurisdictions. However, in 2 metropolitan areas with less than 50% population coverage, spotlight profiles were possible for:

- Camden County, NJ, and Delaware and Montgomery Counties, PA, in the Philadelphia-Camden-Wilmington, PA-NJ-DE-MD, area; and
- San Mateo County in San Francisco-Oakland-Fremont, CA.

All the spotlights profile individual jurisdictions in essentially the same format as the State or full metropolitan-area profiles. The map shows only the spotlighted area relative to the rest of the metropolitan area; summary counts of drug misuse deaths, drug-related suicide deaths, county population, and death rates pertain only to the spotlighted jurisdiction. These, of course, match the counts and rates shown in the full profiles for the relevant jurisdiction.

Spotlights also include Figure B, Table C, Figures D and E, and Tables F and G, as described above. Because of the small numbers, drug-related suicide deaths have been removed from all but the jurisdiction summary and Figure B.

DAWN PARTICIPATION IN 2004

DAWN relies on the voluntary cooperation of medical examiners and coroners (ME/Cs) in selected areas of the United States to provide standardized data on drug-related deaths. For 2004, 150 jurisdictions in 46 metropolitan areas and 126 jurisdictions in 6 States submitted mortality data to DAWN (Table 1).¹⁰ All jurisdictions are included for the 6 States—Maine, Maryland, New Hampshire, New Mexico, Utah, and Vermont. The 6 States also contributed 46 of the metropolitan-area jurisdictions. Metropolitan-area definitions adopted by DAWN in 2003 are those established by the Office of Management and Budget (OMB), based on the 2000 decennial Census.¹¹

Among the 46 metropolitan areas, 31 reported more than 30 deaths related to drug misuse, and 14 reported more than 30 drug-related suicide deaths. Full two-page profiles of drug misuse and drug-related suicide deaths are provided for each of the 31 metropolitan areas. Abbreviated profiles are provided for 11 metropolitan areas that submitted 30 or fewer drug misuse deaths and for 4 metropolitan areas with less than 50% population coverage. Cases pending (i.e., incomplete) at the end of the data collection period are excluded. This publication was prepared with data that were submitted by June 10, 2005, for deaths that occurred during 2004.

An awareness of the extent of DAWN's coverage within a given area is essential to an accurate interpretation of DAWN mortality data. The mortality component of DAWN is not national in scope, and since the ME/C participants in DAWN are not part of a scientific sample, it is not possible to extrapolate from participating jurisdictions to the Nation as a whole. Nor is it possible to extrapolate to an entire metropolitan area when some jurisdictions within the metropolitan area do not participate in DAWN. In this publication, participation status for each jurisdiction is a key component of each area's profile.¹²

Table 1 lists the metropolitan areas and States represented in DAWN for 2004, the total number of death investigation jurisdictions (counties) in each area, the number and percentage of eligible counties for which mortality data were reported to DAWN, and the proportion of the total area's population that is covered by DAWN-participating jurisdictions. Information on population coverage is important because it shows that, although jurisdiction coverage is incomplete in many areas, the most populous counties within a given Metropolitan Statistical Area (MSA) are often represented. For example, Table 1 shows that only 1 (10%) of the 10 counties in the Houston metropolitan area participated in DAWN in 2004, but that county is home to 70% of the area's total population.

¹⁰ In this publication, the terms "jurisdiction" and "county" are used synonymously because ME/Cs are typically organized by county. For comparability across metropolitan areas, the 4 districts that make up Niagara County, NY, are counted as a single jurisdiction.

¹¹ Office of Management and Budget, Revised Definitions of Metropolitan Statistical Areas, New Definitions of Micropolitan Statistical Areas And Combined Statistical Areas, and Guidance on Uses of the Statistical Definitions of These Areas, Bulletin No. 03-04, June 6, 2003. Available from <http://www.whitehouse.gov/omb/bulletins/b03-04.html>.

¹² Recruitment efforts to increase participation by ME/Cs are ongoing. However, there are no plans to make the mortality component of DAWN national in scope.

Table 1**Participation of medical examiner/coroner jurisdictions in DAWN, 2004**

Area	Total jurisdictions (counties)	Participating jurisdictions (counties)		Percent of population in participating jurisdictions
		Number	Percent of total	
Six states	126	126	100%	100%
Forty-six metropolitan areas	311	150	48%	79%
Metropolitan areas				
Albuquerque, NM	4	4	100%	100%
Atlanta-Sandy Springs-Marietta, GA	28	8	29%	67%
Baltimore-Towson, MD	7	7	100%	100%
Bangor, ME	1	1	100%	100%
Birmingham-Hoover, AL	7	1	14%	61%
Boston-Cambridge-Quincy, MA-NH	7	7	100%	100%
Buffalo-Cheektowaga-Tonawanda, NY	2	2	100%	100%
Burlington-South Burlington, VT	3	3	100%	100%
Chicago-Naperville-Joliet, IL-IN-WI	14	7	50%	75%
Cleveland-Elyria-Mentor, OH	5	1	20%	63%
Dallas-Fort Worth-Arlington, TX	12	2	17%	20%
Denver-Aurora, CO	10	5	50%	80%
Detroit-Warren-Livonia, MI	6	4	67%	94%
Fargo, ND-MN	2	1	50%	71%
Farmington, NM	1	1	100%	100%
Houston-Baytown-Sugar Land, TX	10	1	10%	70%
Indianapolis, IN	10	2	20%	61%
Kansas City, MO-KS	15	2	13%	14%
Las Cruces, NM	1	1	100%	100%
Lewiston-Auburn, ME	1	1	100%	100%
Los Angeles-Long Beach-Santa Ana, CA	2	1	50%	77%
Louisville, KY-IN	13	1	8%	58%
Manchester-Nashua, NH	1	1	100%	100%
Miami-Fort Lauderdale-Miami Beach, FL	3	2	67%	67%
Milwaukee-Waukesha-West Allis, WI	4	1	25%	61%
Minneapolis-St. Paul-Bloomington, MN-WI	13	7	54%	58%
New Orleans-Metairie-Kenner, LA	7	5	71%	79%
New York-Newark-Edison, NY-NJ-PA	23	10	43%	59%
Ogden-Clearfield, UT	3	3	100%	100%
Oklahoma City, OK	7	1	14%	59%
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	11	6	55%	49%
Phoenix-Mesa-Scottsdale, AZ	2	1	50%	94%

Table 1 (continued)**Participation of medical examiner/coroner jurisdictions in DAWN, 2004**

Area	Total jurisdictions (counties)	Participating jurisdictions (counties)		Percent of population in participating jurisdictions
		Number	Percent of total	
Pittsburgh, PA	7	1	14%	52%
Portland-South Portland, ME	3	3	100%	100%
Portland-Vancouver-Beaverton, OR-WA	7	3	43%	74%
Provo-Orem, UT	2	2	100%	100%
Salisbury, MD	2	2	100%	100%
Salt Lake City, UT	3	3	100%	100%
San Diego-Carlsbad-San Marcos, CA	1	1	100%	100%
San Francisco-Oakland-Fremont, CA	5	2	40%	23%
Santa Fe, NM	1	1	100%	100%
Seattle-Tacoma-Bellevue, WA	3	2	67%	76%
Sioux Falls, SD	4	1	25%	77%
St. George, UT	1	1	100%	100%
St. Louis, MO-IL	17	9	53%	84%
Washington-Arlington-Alexandria, DC-VA-MD-WV	20	19	95%	99%
States				
Maine	16	16	100%	100%
Maryland	24	24	100%	100%
New Hampshire	10	10	100%	100%
New Mexico	33	33	100%	100%
Utah	29	29	100%	100%
Vermont	14	14	100%	100%

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2004 (11/2005 update).

Among the metropolitan areas, population coverage exceeded 90% in 21 metropolitan areas, with 100% coverage in 18 of those areas. The remaining metropolitan areas had response rates that range from a low of 14% in Kansas City to 84% in St. Louis. Population coverage below 50% usually equates to the absence of large jurisdictions, such as:

- Jackson County, MO, and Johnson County, KS, in Kansas City;
- Dallas and Tarrant Counties in Dallas-Fort Worth-Arlington;
- Philadelphia County in Philadelphia-Camden-Wilmington; and
- San Francisco, Alameda, and Contra Costa Counties in San Francisco-Oakland-Fremont.

Also notably absent from the 2004 mortality data are:

- Broward County in Miami-Fort Lauderdale-Miami Beach;
- Ramsey County in Minneapolis-St. Paul-Bloomington;
- Nassau and Westchester Counties, two of the largest of suburban counties in metropolitan New York; and
- Most of the New Jersey counties now included in the New York-Newark-Edison metropolitan area, the most populous of these being Bergen, Essex, and Middlesex.

Los Angeles County and Cook County in Chicago, both absent from DAWN in 2003, submitted mortality data in 2004.

Summary of findings

Table 2 provides a summary of the rates of drug misuse deaths and drug-related suicides per 1,000,000 population for metropolitan areas and States, along with their population and population coverage in DAWN for 2004.

Table 3 provides a summary of drug misuse deaths in 2003 and 2004 for metropolitan areas and States with consistent participation in both years.

Table 2

Rates of drug misuse deaths and drug-related suicides per 1,000,000 population, 2004

Metropolitan area or State	Drug misuse deaths per 1,000,000 population	Drug-related suicides per 1,000,000 population	Population covered by DAWN	Total area population, 2004	Percent of population covered by DAWN
Metropolitan areas					
Albuquerque, NM	188.1	21.8	781,447	781,447	100%
Atlanta-Sandy Springs-Marietta, GA	61.9	7.9	3,148,259	4,708,297	67%
Baltimore-Towson, MD	177.3	8.7	2,639,213	2,639,213	100%
Bangor, ME	87.7	13.5	148,196	148,196	100%
Birmingham-Hoover, AL	144.3	18.2	658,495	1,082,193	61%
Boston-Cambridge-Quincy, MA-NH	100.6	11.3	4,424,649	4,424,649	100%
Buffalo-Cheektowaga-Tonawanda, NY	86.6	8.7	1,154,378	1,154,378	100%
Burlington-South Burlington, VT	112.5	14.7	204,485	204,485	100%
Chicago-Naperville-Joliet, IL-IN-WI	99.0	7.2	7,058,121	9,391,515	75%
Cleveland-Elyria-Mentor, OH	136.2	18.5	1,351,009	2,137,073	63%
Dallas-Fort Worth-Arlington, TX	44.9	19.0	1,158,535	5,700,256	20%
Denver-Aurora, CO	115.2	28.4	1,866,449	2,330,146	80%
Detroit-Warren-Livonia, MI	152.5	12.1	4,223,117	4,493,165	94%
Fargo, ND-MN	31.1	7.8	128,615	181,520	71%
Farmington, NM	56.4	16.1	124,166	124,166	100%
Houston-Baytown-Sugar Land, TX	94.4	18.4	3,644,285	5,180,443	70%
Indianapolis, IN	109.2	19.2	989,460	1,621,613	61%
Kansas City, MO-KS	57.4	17.9	278,555	1,925,319	14%

Table 2 (continued)**Rates of drug misuse deaths and drug-related suicides per 1,000,000 population, 2004**

Metropolitan area or State	Drug misuse deaths per 1,000,000 population	Drug-related suicides per 1,000,000 population	Population covered by DAWN	Total area population, 2004	Percent of population covered by DAWN
Las Cruces, NM	69.9	16.1	186,095	186,095	100%
Lewiston-Auburn, ME	74.8	9.3	107,022	107,022	100%
Los Angeles-Long Beach-Santa Ana, CA	104.5	16.8	9,937,739	12,925,330	77%
Louisville, KY-IN	81.4	12.9	700,030	1,200,847	58%
Manchester-Nashua, NH	75.3	12.5	398,574	398,574	100%
Miami-Fort Lauderdale-Miami Beach, FL	92.0	13.9	3,606,830	5,361,723	67%
Milwaukee-Waukesha-West Allis, WI	159.5	32.3	928,018	1,515,738	61%
Minneapolis-St. Paul-Bloomington, MN-WI	46.2	13.7	1,820,108	3,116,206	58%
New Orleans-Metairie-Kenner, LA	227.8	16.3	1,040,482	1,319,589	79%
New York-Newark-Edison, NY-NJ-PA	95.8	7.7	10,993,893	18,709,802	59%
Ogden-Clearfield, UT	119.4	27.2	477,455	477,455	100%
Oklahoma City, OK	196.8	44.1	680,815	1,144,327	59%
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	108.8	21.9	2,830,241	5,800,614	49%
Phoenix-Mesa-Scottsdale, AZ	113.1	19.1	3,501,001	3,715,360	94%
Pittsburgh, PA	168.7	21.6	1,250,867	2,401,575	52%
Portland-South Portland, ME	97.9	13.7	510,791	510,791	100%
Portland-Vancouver-Beaverton, OR-WA	101.1	19.7	1,523,690	2,064,336	74%
Provo-Orem, UT	128.5	4.9	412,361	412,361	100%
Salisbury, MD	130.8	17.4	114,645	114,645	100%
Salt Lake City, UT	168.8	30.4	1,018,826	1,018,826	100%
San Diego-Carlsbad-San Marcos, CA	96.5	21.1	2,931,714	2,931,714	100%
San Francisco-Oakland-Fremont, CA	113.2	15.9	945,261	4,153,870	23%
Santa Fe, NM	144.2	14.4	138,705	138,705	100%
Seattle-Tacoma-Bellevue, WA	139.2	21.5	2,421,417	3,166,828	76%
Sioux Falls, SD	0.0	25.4	157,366	203,324	77%
St. George, UT	118.3	27.3	109,924	109,924	100%
St. Louis, MO-IL	89.1	20.0	2,345,212	2,787,701	84%
Washington-Arlington-Alexandria, DC-VA-MD-WV	52.0	7.9	5,091,886	5,139,549	99%
States					
Maine	97.9	20.5	1,317,253	1,317,253	100%
Maryland	117.8	7.2	5,558,058	5,558,058	100%
New Hampshire	75.4	10.8	1,299,500	1,299,500	100%
New Mexico	142.4	22.6	1,903,289	1,903,289	100%
Utah	143.6	22.6	2,389,039	2,389,039	100%
Vermont	99.8	14.5	621,394	621,394	100%

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2004 (11/2005 update).

Table 3
Rates of drug misuse deaths and percentage of change, 2003 and 2004

Metropolitan area or State	Rate of drug misuse deaths per 1,000,000 population		Percentage change in rate, 2003 to 2004	Total area population, 2004
	2003	2004		
Metropolitan areas				
Albuquerque, NM	204.0	188.1	-7.8%	781,447
Baltimore-Towson, MD	205.6	177.3	-13.8%	2,639,213
Birmingham-Hoover, AL	135.2	144.3	6.7%	1,082,193
Boston-Cambridge-Quincy, MA-NH	109.5	100.6	-8.1%	4,424,649
Buffalo-Cheektowaga-Tonawanda, NY	56.1	86.6	54.4%	1,154,378
Detroit-Warren-Livonia, MI	129.4	152.5	17.9%	4,493,165
Houston-Baytown-Sugar Land, TX	65.3	94.4	44.6%	5,180,443
Indianapolis, IN	73.0	109.2	49.6%	1,621,613
Louisville, KY-IN	101.6	81.4	-19.9%	1,200,847
Milwaukee-Waukesha-West Allis, WI	143.6	159.5	11.1%	1,515,738
Ogden-Clearfield, UT	91.7	119.4	30.2%	477,455
Oklahoma City, OK	91.7	196.8	114.6%	1,144,327
Phoenix-Mesa-Scottsdale, AZ	114.8	113.1	-1.5%	3,715,360
Portland-South Portland, ME	97.0	97.9	0.9%	510,791
Portland-Vancouver-Beaverton, OR-WA	96.4	101.1	4.9%	2,064,336
Provo-Orem, UT	127.8	128.5	0.5%	412,361
Salt Lake City, UT	183.0	168.8	-7.8%	1,018,826
San Diego-Carlsbad-San Marcos, CA	120.1	96.5	-19.7%	2,931,714
Seattle-Tacoma-Bellevue, WA	91.2	139.2	52.6%	3,166,828
States				
Maine	88.1	97.9	11.1%	1,317,253
Maryland	126.5	117.8	-6.9%	5,558,058
New Hampshire	87.8	75.4	-14.1%	1,299,500
New Mexico	161.6	142.4	-11.9%	1,903,289
Utah	138.6	143.6	3.6%	2,389,039
Vermont	119.5	99.8	-16.5%	621,394

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2004 (11/2005 update).

STATE PROFILES



Deaths reported to DAWN
 Drug misuse 129
 Suicide 27

Metro area population, 2004
 1,317,253

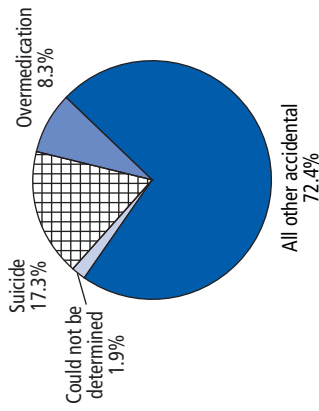
Population covered by DAWN
 1,317,253
Percent of population covered by DAWN
 100%

State overview: Deaths and population by county, 2004

Counties	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (16)	129	97.9	27	20.5	1,317,253
1. Androscoggin County	8	74.8	1	9.3	107,022
2. Aroostook County	2	27.3	1	13.6	73,390
3. Cumberland County†	31	113.3	4	14.6	273,505
4. Franklin County	2	67.3	0	0.0	29,736
5. Hancock County	6	112.0	1	18.7	53,556
6. Kennebec County	25	207.2	4	33.2	120,645
7. Knox County	7	170.7	4	97.5	41,008
8. Lincoln County	0	0.0	1	28.4	35,236
9. Oxford County	5	88.3	2	35.3	56,614
10. Penobscot County	13	87.7	2	13.5	148,196
11. Piscataquis County	0	0.0	1	57.1	17,525
12. Sagadahoc County†	2	54.2	1	27.1	36,927
13. Somerset County	6	116.3	0	0.0	51,584
14. Waldo County	2	52.1	1	26.0	38,392
15. Washington County	3	89.4	2	59.6	33,558
16. York County†	17	84.8	2	10.0	200,359

† Included in metropolitan area profiles. ¹Deaths per 1,000,000 population.

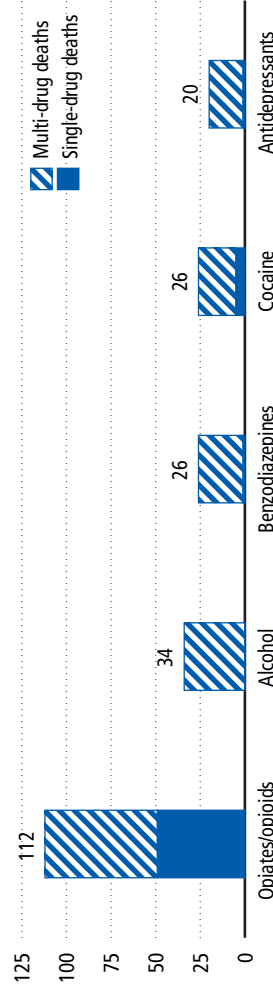
Deaths by case type, 2004



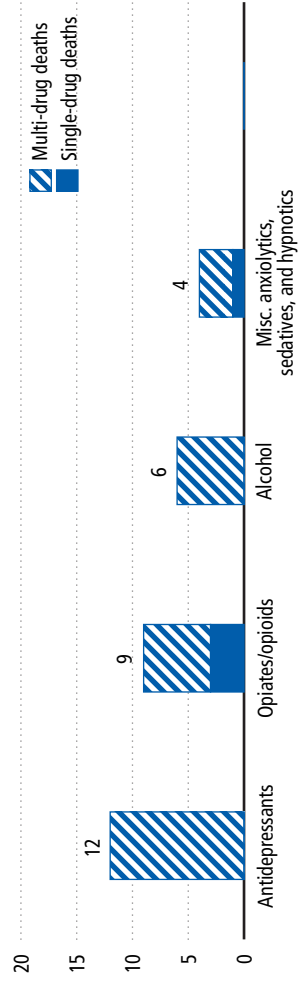
Place of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Health care facility	30	Health care facility	4
Home	75	Home	16
Public place	--	Public place	--
Other	22	Other	5
Not documented	0	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

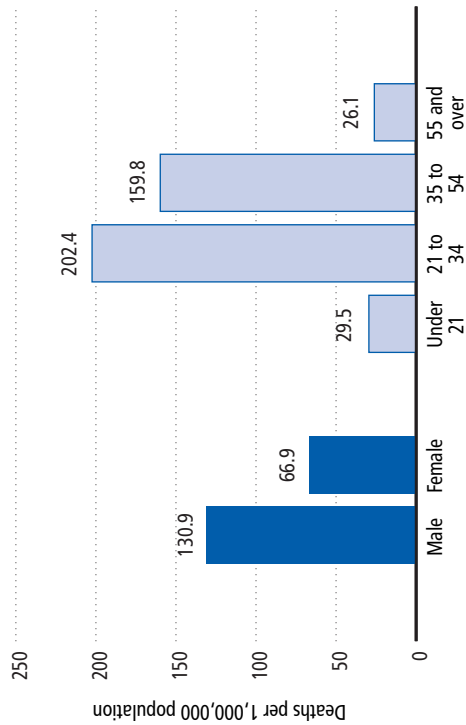


Top 5 drugs involved: Suicide deaths, 2004

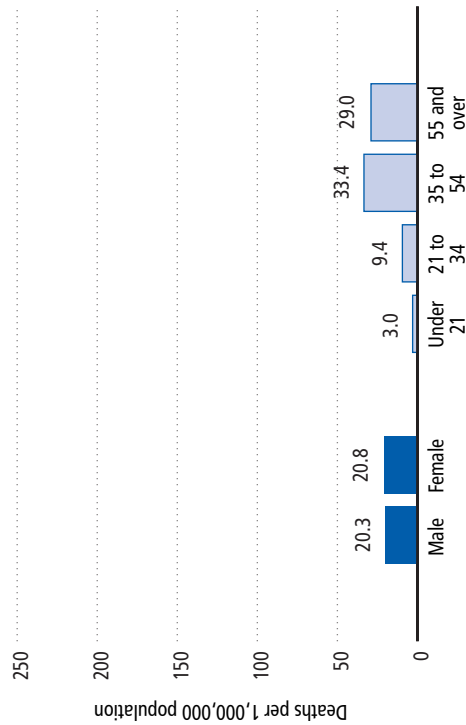


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	115	Any drug-related cause	19
Abuse	0	Abuse	0
Drug or alcohol	115	Drug or alcohol	19
Toxic effects	115	Toxic effects	19
Body systems (includes infections)	28	Body systems (includes infections)	--
Accidents and injuries	--	Accidents and injuries	7

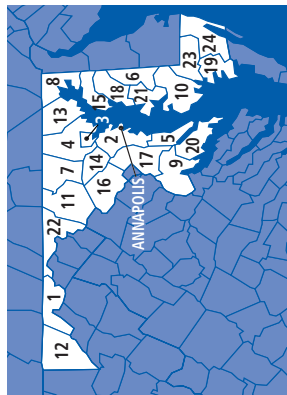
Drug-related deaths by drug category, 2003-2004

Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Single-drug deaths, 2004	Deaths, 2004
ALL DRUGS	115	129	60	27
Alcohol ²	27	34	0	6
Cocaine	13	26	5	--
Marijuana	--	0	0	0
Stimulants	--	--	0	0
Club drugs ³	0	--	0	0
Hallucinogens ⁴	--	0	0	0
Inhalants	0	--	--	0
Antidepressants	24	20	--	8
Antipsychotics	10	4	0	5
Benzodiazepines	16	26	--	7
Misc. anxiolytics, sedatives, and hypnotics	--	--	0	5
Opiates/opioids	102	112	50	12
Heroin (specified)	--	4	--	0
Methodone	47	67	30	4
All other opiates/opioids	66	46	19	11
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	0	0	0	0
Misc. analgesics/combinations	5	4	0	6
Anticonvulsants	5	5	--	--
Muscle relaxants	--	--	0	--

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.



Deaths reported to DAWN
 Drug misuse 655
 Suicide 40

Metro area population, 2004
 5,558,058

Population covered by DAWN
 5,558,058

Percent of population covered by DAWN
 100%

State overview: Deaths and population by county, 2004

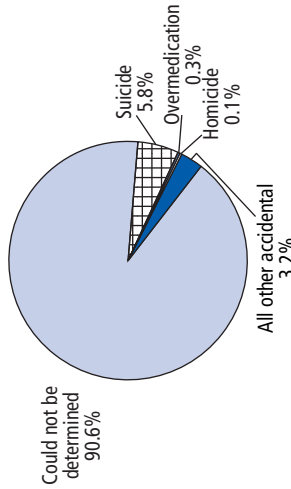
Counties	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (24)	655	117.8	40	7.2	5,558,058
1. Allegany County	11	148.9	0	0.0	73,871
2. Anne Arundel County ^{†*}	46	90.4	1	2.0	508,572
3. Baltimore City ^{†*}	286	449.5	5	7.9	636,251
4. Baltimore County ^{†*}	91	116.5	13	16.6	780,821
5. Calvert County	5	57.8	1	11.6	86,474
6. Caroline County	1	32.2	0	0.0	31,058
7. Carroll County [†]	13	78.2	2	12.0	166,159
8. Cecil County	15	157.0	1	10.5	95,526
9. Charles County	9	66.3	3	22.1	135,807
10. Dorchester County	2	64.7	0	0.0	30,912
11. Frederick County	15	68.9	0	0.0	217,653
12. Garrett County	1	33.2	0	0.0	30,124
13. Harford County [†]	16	67.9	0	0.0	235,594
14. Howard County [†]	13	48.7	2	7.5	266,738
15. Kent County	0	0.0	0	0.0	19,582
16. Montgomery County	34	36.9	4	4.3	921,690
17. Prince George's County	49	58.1	1	1.2	842,967
18. Queen Anne's County [†]	3	66.6	0	0.0	45,078
19. Somerset County	2	77.3	0	0.0	25,863
20. St. Mary's County	5	52.7	1	10.5	94,921
21. Talbot County	4	114.2	0	0.0	35,017
22. Washington County	12	85.9	2	14.3	139,624
23. Wicomico County	13	146.4	2	22.5	88,782
24. Worcester County	9	183.8	2	40.8	48,974

[†] included in metropolitan area profiles.

* indicates area featured in Spotlight section.

¹Deaths per 1,000,000 population.

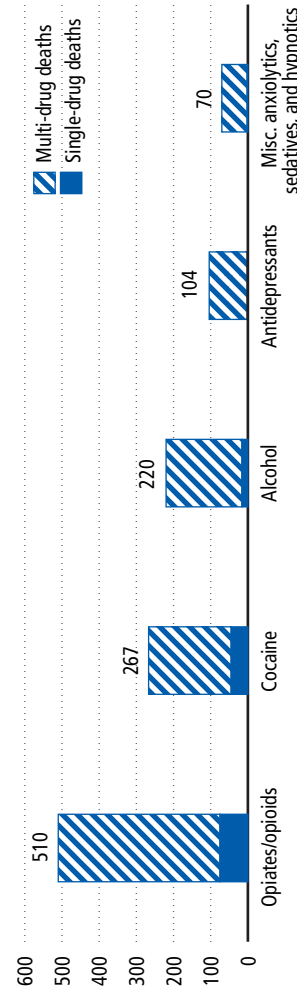
Deaths by case type, 2004



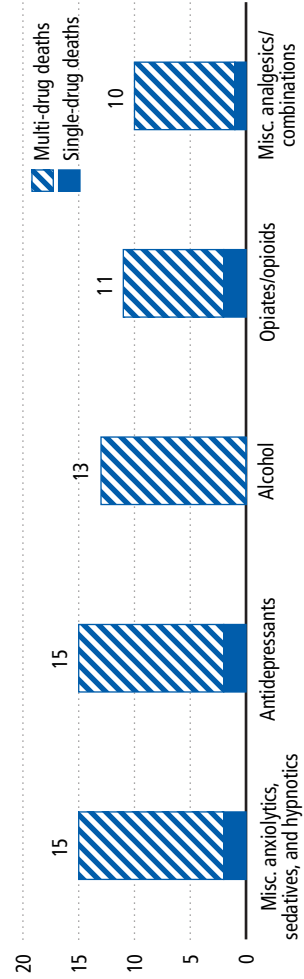
Place of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Health care facility	228	Health care facility	12
Home	298	Home	23
Public place	19	Public place	--
Other	109	Other	--
Not documented	--	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

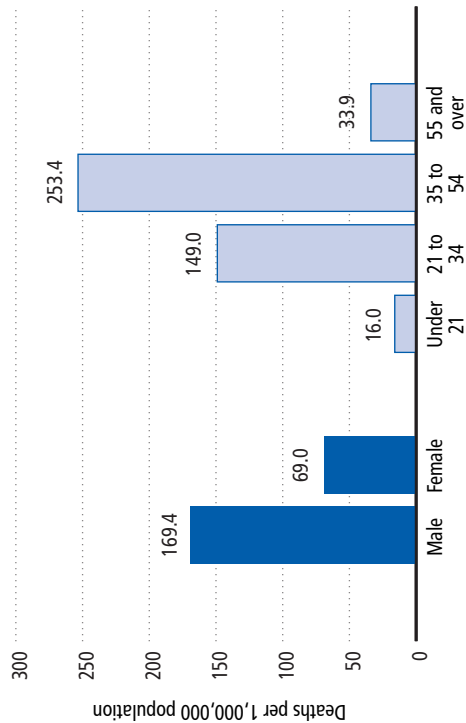


Top 5 drugs involved: Suicide deaths, 2004

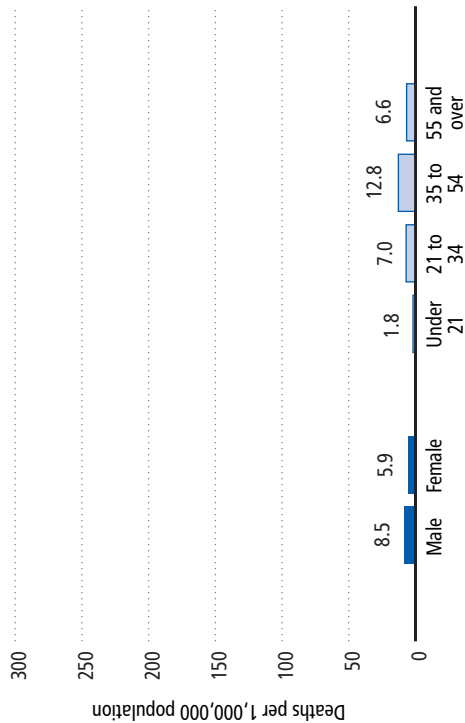


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	639	Any drug-related cause	40
Abuse	5	Abuse	0
Drug or alcohol	639	Drug or alcohol	40
Toxic effects	606	Toxic effects	38
Body systems (includes infections)	38	Body systems (includes infections)	--
Accidents and injuries	21	Accidents and injuries	--

Drug-related deaths by drug category, 2003-2004

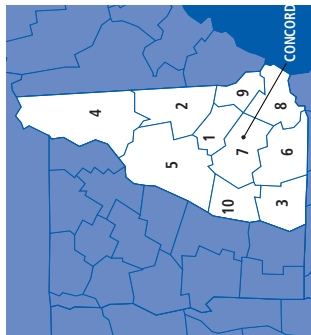
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Single-drug deaths, 2004	Deaths, 2004
ALL DRUGS	697	655	164	40
Alcohol ²	269	220	16	13
Cocaine	277	267	45	6
Marijuana	--	--	0	0
Stimulants	0	--	0	0
Club drugs ³	0	--	--	0
Hallucinogens ⁴	--	6	0	0
Inhalants	0	--	0	0
Antidepressants	177	104	--	13
Antipsychotics	35	26	--	4
Benzodiazepines	46	28	0	--
Misc. anxiolytics, sedatives, and hypnotics	108	70	--	7
Opiates/opioids	595	510	88	11
Heroin (specified)	--	78	13	0
Methadone	146	137	26	0
All other opiates/opioids	518	375	49	10
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	--	--	--	0
Misc. analgesics/combinations	93	65	--	11
Anticonvulsants	5	4	0	0
Muscle relaxants	14	16	--	--

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

New Hampshire



Deaths reported to DAWN
 Drug misuse 98
 Suicide 14

Metro area population, 2004
 1,299,500

Population covered by DAWN
 1,299,500

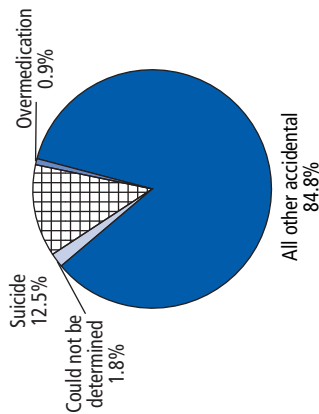
Percent of population covered by DAWN
 100%

State overview: Deaths and population by county, 2004

Counties	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (10)	98	75.4	14	10.8	1,299,500
1. Belknap County	7	115.0	0	0.0	60,858
2. Carroll County	4	85.5	1	21.4	46,762
3. Cheshire County	2	26.0	2	26.0	76,872
4. Coos County	2	59.7	0	0.0	33,511
5. Grafton County	6	71.3	1	11.9	84,169
6. Hillsborough County	30	75.3	5	12.5	398,574
7. Merrimack County	16	109.9	2	13.7	145,542
8. Rockingham County [†]	24	82.0	2	6.8	292,526
9. Strafford County [†]	5	42.3	1	8.5	118,217
10. Sullivan County	2	47.1	0	0.0	42,469

[†] included in metropolitan area profiles. ¹ Deaths per 1,000,000 population.

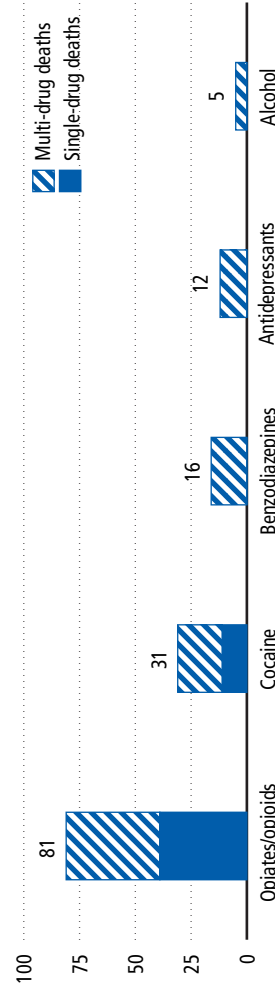
Deaths by case type, 2004



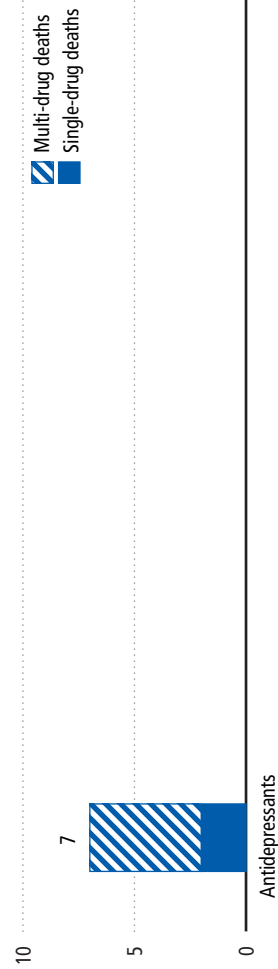
Place of death, 2004

Drug misuse		Suicide	
Place of death	Deaths	Place of death	Deaths
Health care facility	0	Health care facility	0
Home	0	Home	0
Public place	0	Public place	0
Other	0	Other	0
Not documented	98	Not documented	14

Top 5 drugs involved: Drug misuse deaths, 2004

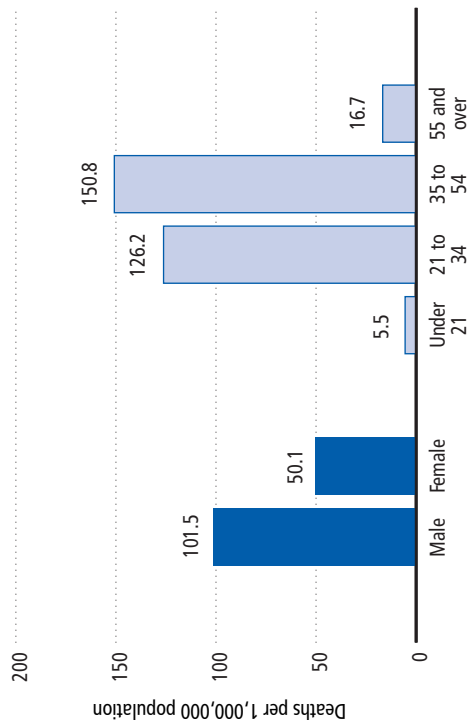


Top 5 drugs involved: Suicide deaths, 2004

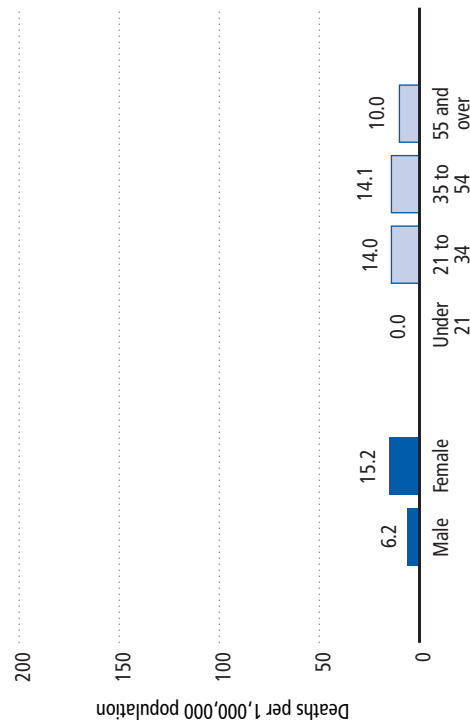


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	97	Any drug-related cause	14
Abuse	0	Abuse	0
Drug or alcohol	96	Drug or alcohol	14
Toxic effects	97	Toxic effects	14
Body systems (includes infections)	8	Body systems (includes infections)	0
Accidents and injuries	0	Accidents and injuries	0

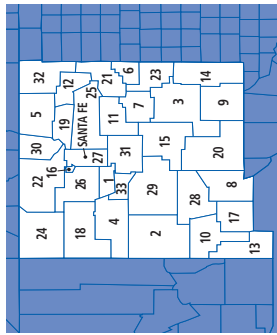
Drug-related deaths by drug category, 2003-2004

Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	113	98	26	14
Alcohol ²	39	5	8	--
Cocaine	25	31	4	--
Marijuana	16	0	--	0
Stimulants	--	--	0	0
Club drugs ³	0	--	0	0
Hallucinogens ⁴	0	0	0	0
Inhalants	0	0	0	0
Antidepressants	19	12	10	7
Antipsychotics	--	--	--	--
Benzodiazepines	34	16	8	--
Misc. anxiolytics, sedatives, and hypnotics	--	--	6	--
Opiates/opioids	93	81	8	--
Heroin (specified)	6	13	0	0
Methadone	34	31	--	0
All other opiates/opioids	60	43	7	--
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	--	0	0	0
Misc. analgesics/combinations	--	--	--	0
Anticonvulsants	--	0	--	0
Muscle relaxants	--	--	0	--

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.



Deaths reported to DAWN
Drug misuse 271
Suicide 43

Metro area population, 2004
1,903,289

Population covered by DAWN
1,903,289
Percent of population covered by DAWN
100%

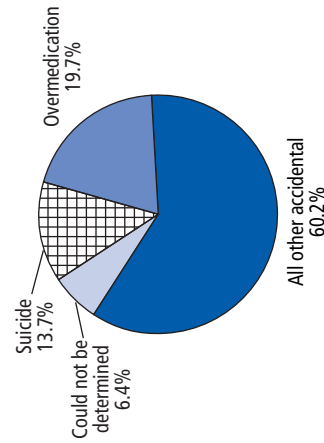
State overview: Deaths and population by county, 2004

Counties	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (33)	271	142.4	43	22.6	1,903,289
1. Bernalillo County ^{†*}	130	218.9	13	21.9	593,765
2. Catron County	0	0.0	0	0.0	3,440
3. Chaves County	10	162.2	1	16.2	61,635
4. Cibola County	2	72.6	0	0.0	27,549
5. Colfax County	0	0.0	0	0.0	13,831
6. Curry County	3	65.7	1	21.9	45,662
7. DeBaca County	0	0.0	0	0.0	2,035
8. Dona Ana County	13	69.9	3	16.1	186,095
9. Eddy County	8	154.8	1	19.3	51,688
10. Grant County	7	237.7	2	67.9	29,443
11. Guadalupe County	1	220.8	0	0.0	4,530
12. Harding County	0	0.0	1	1,292.0	774
13. Hidalgo County	0	0.0	0	0.0	5,186
14. Lea County	4	71.1	1	17.8	56,231
15. Lincoln County	4	193.0	3	144.7	20,727
16. Los Alamos County	0	0.0	1	53.2	18,796
17. Luna County	4	153.1	1	38.3	26,129
18. McKinley County	5	69.0	2	27.6	72,425
19. Mora County	0	0.0	0	0.0	5,212
20. Otero County	6	94.8	3	47.4	63,282
21. Quay County	1	105.5	0	0.0	9,483
22. Rio Arriba County	19	466.7	0	0.0	40,710
23. Roosevelt County	0	0.0	0	0.0	18,165
24. San Juan County	7	56.4	2	16.1	124,166
25. San Miguel County	5	169.4	2	67.8	29,514
26. Sandoval County [†]	4	39.2	2	19.6	102,120
27. Santa Fe County	20	144.2	2	14.4	138,705
28. Sierra County	1	77.2	0	0.0	12,961
29. Socorro County	3	165.0	0	0.0	18,177
30. Taos County	1	31.8	0	0.0	31,464
31. Torrance County [†]	1	59.3	2	118.6	16,864
32. Union County	0	0.0	0	0.0	3,827
33. Valencia County [†]	12	174.7	0	0.0	68,698

¹ Deaths per 1,000,000 population.

[†] Included in metropolitan area profiles.
^{*} Indicates area featured in Spotlight section.

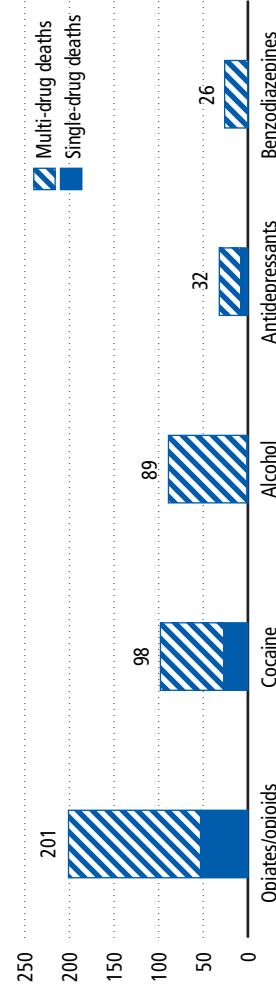
Deaths by case type, 2004



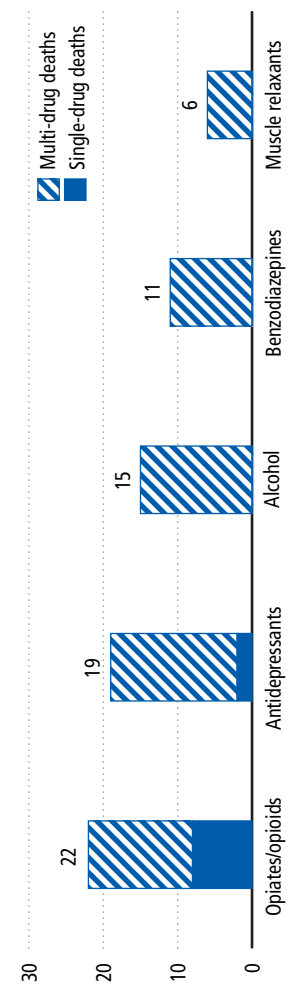
Place of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Health care facility	52	Health care facility	7
Home	161	Home	32
Public place	15	Public place	--
Other	43	Other	--
Not documented	0	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

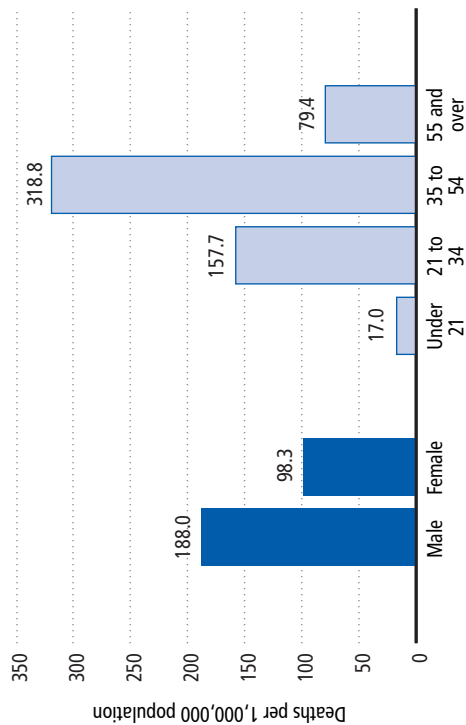


Top 5 drugs involved: Suicide deaths, 2004

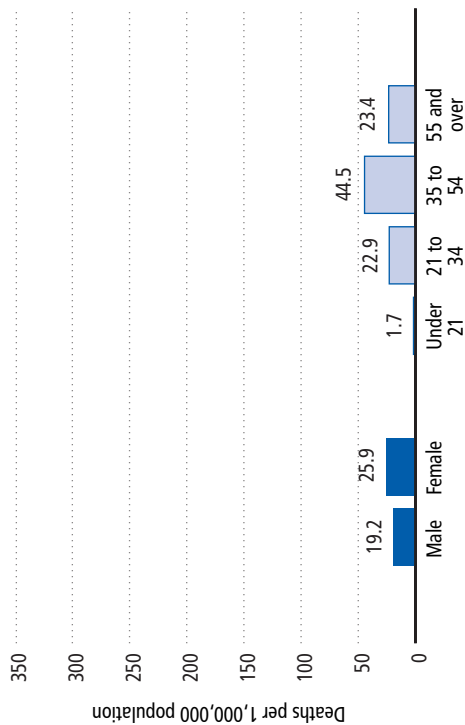


-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	249	Any drug-related cause	43
Abuse	8	Abuse	--
Drug or alcohol	248	Drug or alcohol	43
Toxic effects	204	Toxic effects	26
Body systems (includes infections)	53	Body systems (includes infections)	0
Accidents and injuries	18	Accidents and injuries	18

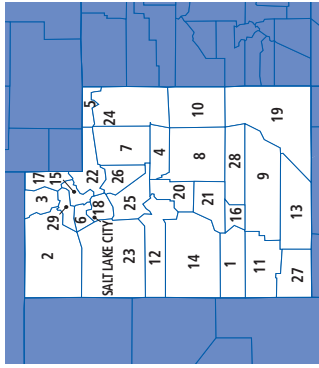
Drug-related deaths by drug category, 2003-2004

Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Single-drug deaths, 2004	Deaths, 2003
ALL DRUGS	303	271	101	43
Alcohol ²	108	89	--	12
Cocaine	110	98	27	--
Marijuana	--	0	0	0
Stimulants	22	21	9	0
Club drugs ³	--	0	0	0
Hallucinogens ⁴	0	--	0	0
Inhalants	--	--	0	0
Antidepressants	37	32	8	15
Antipsychotics	6	--	0	--
Benzodiazepines	33	26	0	--
Misc. anxiolytics, sedatives, and hypnotics	14	12	0	0
Opiates/opioids	218	201	53	14
Heroin (specified)	73	73	17	0
Methadone	36	46	11	--
All other opiates/opioids	125	98	25	11
Nonsteroidal anti-inflammatory agents	5	--	0	--
Salicylates/combinations	--	0	0	--
Misc. analgesics/combinations	8	8	--	--
Anticonvulsants	--	9	0	--
Muscle relaxants	10	14	0	--

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.



Deaths reported to DAWN

Drug misuse 343
Suicide 54

Metro area population, 2004

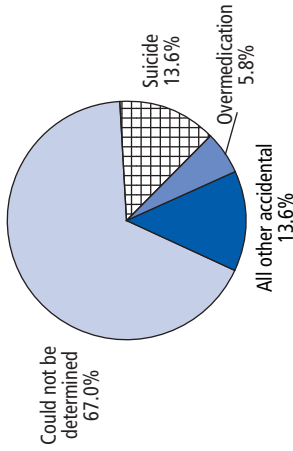
2,389,039

Population covered by DAWN

2,389,039

Percent of population covered by DAWN 100%

Deaths by case type, 2004



Place of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Health care facility	97	Health care facility	15
Home	220	Home	30
Public place	11	Public place	4
Other	14	Other	5
Not documented	--	Not documented	0

State overview: Deaths and population by county, 2004

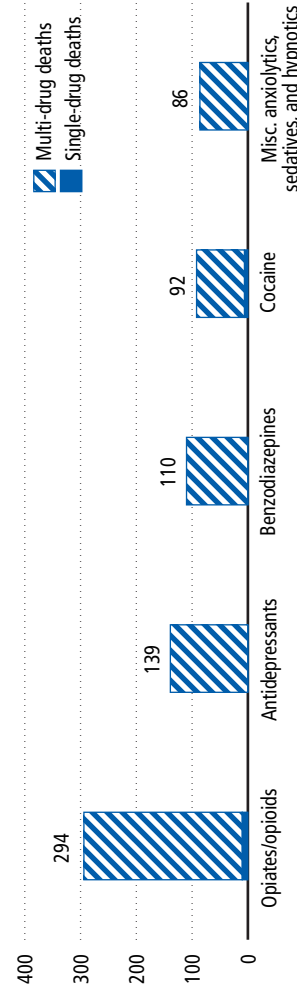
Counties	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (29)	343	143.6	54	22.6	2,389,039
1. Beaver County	1	164.6	0	0.0	6,077
2. Box Elder County	6	133.9	1	22.3	44,810
3. Cache County	8	82.1	0	0.0	97,467
4. Carbon County	6	304.7	0	0.0	19,689
5. Daggett County	0	0.0	0	0.0	926
6. Davis County†	24	91.9	5	19.1	261,208
7. Duchesne County	3	199.9	0	0.0	15,004
8. Emery County	1	93.3	0	0.0	10,723
9. Garfield County	0	0.0	0	0.0	4,427
10. Grand County	2	229.6	1	114.8	8,712
11. Iron County	6	165.4	1	27.6	36,285
12. Juab County†	1	111.0	0	0.0	9,009
13. Kane County	1	161.9	0	0.0	6,178
14. Millard County	1	81.3	0	0.0	12,305
15. Morgan County†	0	0.0	1	131.3	7,614
16. Piute County	0	0.0	0	0.0	1,393
17. Rich County	0	0.0	0	0.0	2,054
18. Salt Lake County†*	160	171.1	28	29.9	935,295
19. San Juan County	1	71.4	0	0.0	14,015
20. Sanpete County	6	253.7	2	84.6	23,649
21. Sevier County	3	154.2	0	0.0	19,455
22. Summit County†	3	88.6	1	29.5	33,843
23. Tooele County†	9	181.1	2	40.3	49,688
24. Uintah County	2	75.0	0	0.0	26,671
25. Utah County†	52	128.9	2	5.0	403,352
26. Wasatch County	1	55.1	0	0.0	18,139
27. Washington County	13	118.3	3	27.3	109,924
28. Wayne County	0	0.0	0	0.0	2,494
29. Weber County†	33	158.2	7	33.6	208,633

¹Deaths per 1,000,000 population.

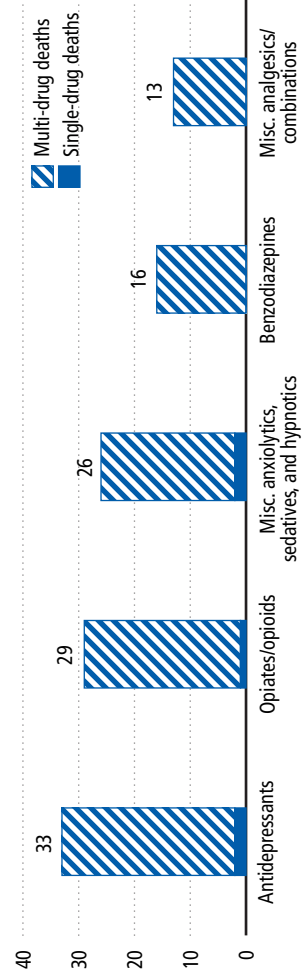
† Included in metropolitan area profiles.

* Indicates area featured in Spotlight section.

Top 5 drugs involved: Drug misuse deaths, 2004

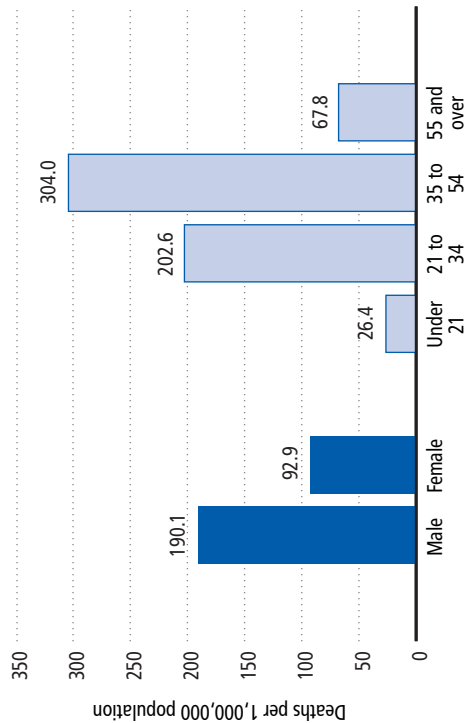


Top 5 drugs involved: Suicide deaths, 2004

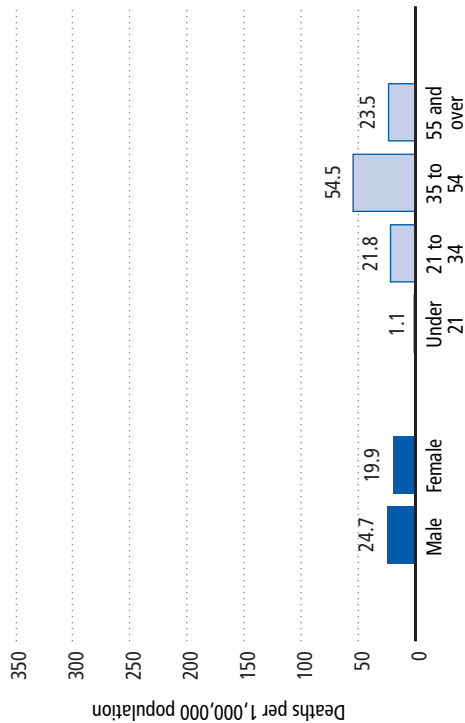


-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	338	Any drug-related cause	54
Abuse	19	Abuse	0
Drug or alcohol	338	Drug or alcohol	54
Toxic effects	331	Toxic effects	53
Body systems (includes infections)	34	Body systems (includes infections)	--
Accidents and injuries	--	Accidents and injuries	--

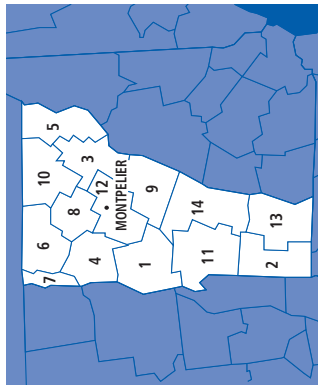
Drug-related deaths by drug category, 2003-2004

Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Single-drug deaths, 2004	Deaths, 2004
ALL DRUGS	326	343	19	54
Alcohol ²	63	77	0	11
Cocaine	87	92	6	--
Marijuana	12	36	0	--
Stimulants	66	69	0	6
Club drugs ³	--	--	0	0
Hallucinogens ⁴	0	--	0	0
Inhalants	4	--	0	0
Antidepressants	103	139	0	19
Antipsychotics	12	13	0	5
Benzodiazepines	84	110	0	11
Misc. anxiolytics, sedatives, and hypnotics	81	86	0	17
Opiates/opioids	270	294	11	20
Heroin (specified)	33	30	--	0
Methadone	93	113	6	10
All other opiates/opioids	188	197	4	20
Nonsteroidal anti-inflammatory agents	5	--	0	--
Salicylates/combinations	--	--	0	0
Misc. analgesics/combinations	30	48	--	13
Anticonvulsants	16	20	0	--
Muscle relaxants	50	38	0	6

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.



Deaths reported to DAWN
 Drug misuse 62
 Suicide 9

Metro area population, 2004
 621,394

Population covered by DAWN
 621,394

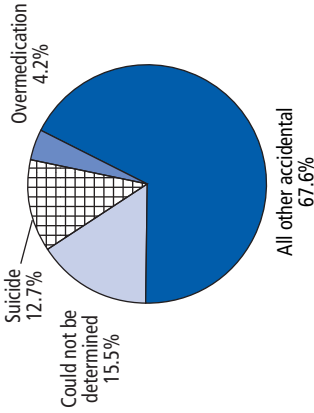
Percent of population covered by DAWN
 100%

State overview: Deaths and population by county, 2004

Counties	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (14)	62	99.8	9	14.5	621,394
1. Addison County	4	108.5	0	0.0	36,865
2. Bennington County	3	81.2	1	27.1	36,956
3. Caledonia County	0	0.0	0	0.0	30,464
4. Chittenden County	19	127.3	3	20.1	149,286
5. Essex County	0	0.0	0	0.0	6,654
6. Franklin County	4	84.1	0	0.0	47,556
7. Grand Isle County	0	0.0	0	0.0	7,643
8. Lamoille County	0	0.0	2	81.9	24,418
9. Orange County	2	68.5	0	0.0	29,189
10. Orleans County	6	219.2	0	0.0	27,372
11. Rutland County	6	94.3	0	0.0	63,616
12. Washington County	7	118.5	0	0.0	59,068
13. Windham County	5	112.9	2	45.2	44,284
14. Windsor County	6	103.4	1	17.2	58,023

¹Deaths per 1,000,000 population.

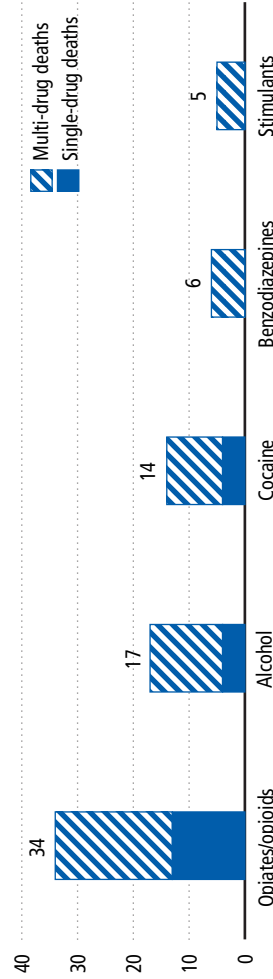
Deaths by case type, 2004



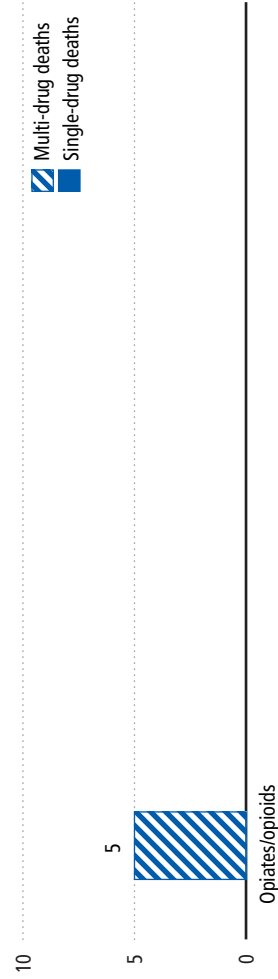
Place of death, 2004

Drug misuse		Suicide	
Place of death	Deaths	Place of death	Deaths
Health care facility	32	Health care facility	5
Home	19	Home	--
Public place	4	Public place	0
Other	7	Other	--
Not documented	0	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

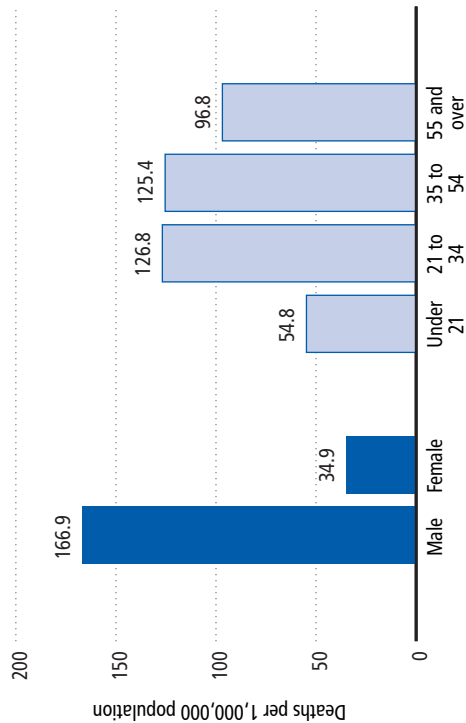


Top 5 drugs involved: Suicide deaths, 2004

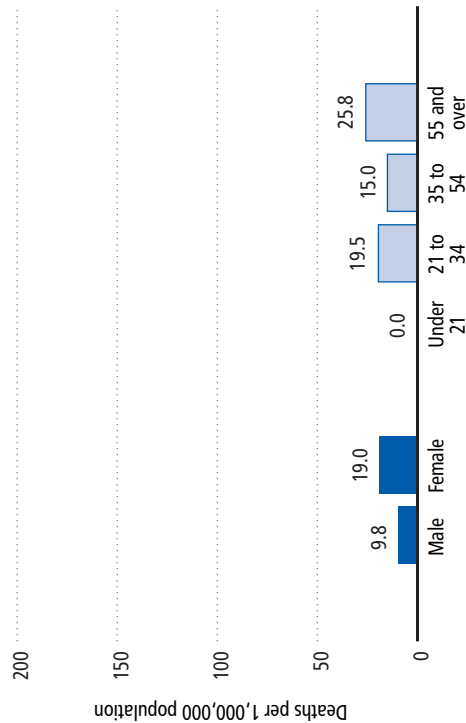


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	38	Any drug-related cause	8
Abuse	0	Abuse	0
Drug or alcohol	38	Drug or alcohol	8
Toxic effects	32	Toxic effects	8
Body systems (includes infections)	12	Body systems (includes infections)	--
Accidents and injuries	22	Accidents and injuries	0

Drug-related deaths by drug category, 2003-2004

Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Single-drug deaths, 2004	Deaths, 2004
ALL DRUGS	74	62	34	9
Alcohol ²	19	17	4	--
Cocaine	11	14	4	0
Marijuana	--	--	--	0
Stimulants	0	5	0	0
Club drugs ³	--	--	0	0
Hallucinogens ⁴	0	0	0	0
Inhalants	0	--	0	0
Antidepressants	9	4	0	5
Antipsychotics	0	0	0	--
Benzodiazepines	9	6	0	--
Misc. anxiolytics, sedatives, and hypnotics	6	--	0	--
Opiates/opioids	54	34	13	5
Heroin (specified)	4	6	5	0
Methadone	12	7	--	0
All other opiates/opioids	41	25	6	5
Nonsteroidal anti-inflammatory agents	0	--	--	0
Salicylates/combinations	--	--	0	0
Misc. analgesics/combinations	--	--	0	--
Anticonvulsants	--	0	0	0
Muscle relaxants	--	--	0	0

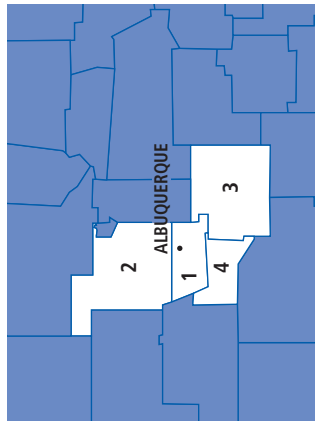
² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

METROPOLITAN AREA PROFILES

Albuquerque, NM



Deaths reported to DAWN
 Drug misuse 147
 Suicide 17

Metro area population, 2004
 781,447

Population covered by DAWN
 781,447

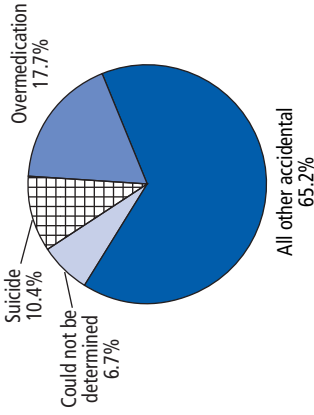
Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (4)	147	188.1	17	21.8	781,447
1. Bernalillo County, NM*	130	218.9	13	21.9	593,765
2. Sandoval County, NM	4	39.2	2	19.6	102,120
3. Torrance County, NM	1	59.3	2	118.6	16,864
4. Valencia County, NM	12	174.7	0	0.0	68,698

* Indicates area featured in Spotlight section.
¹Deaths per 1,000,000 population.

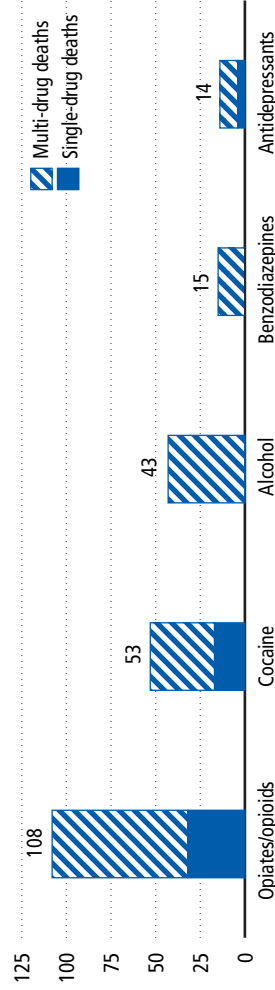
Deaths by case type, 2004



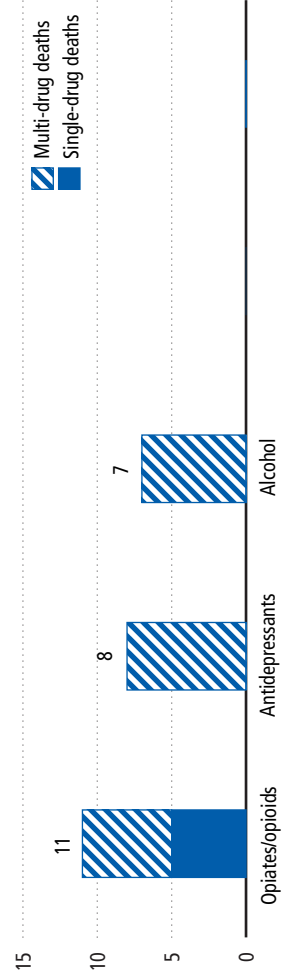
Place of death, 2004

Drug misuse		Suicide	
Place	Deaths	Place	Deaths
Health care facility	24	Health care facility	--
Home	89	Home	12
Public place	10	Public place	0
Other	24	Other	--
Not documented	0	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

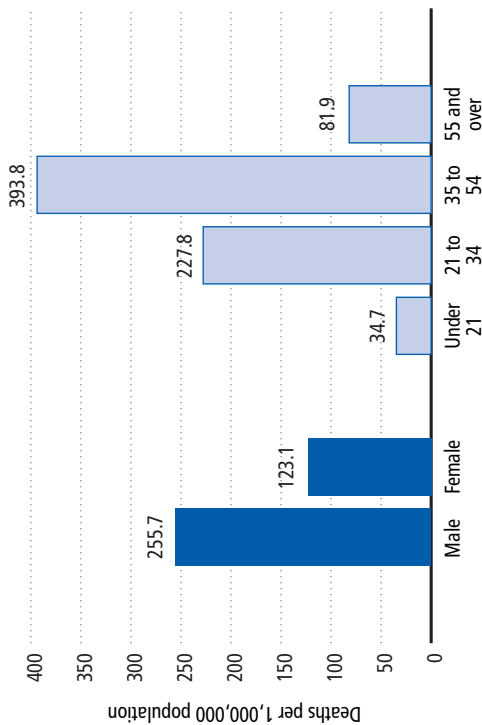


Top 5 drugs involved: Suicide deaths, 2004

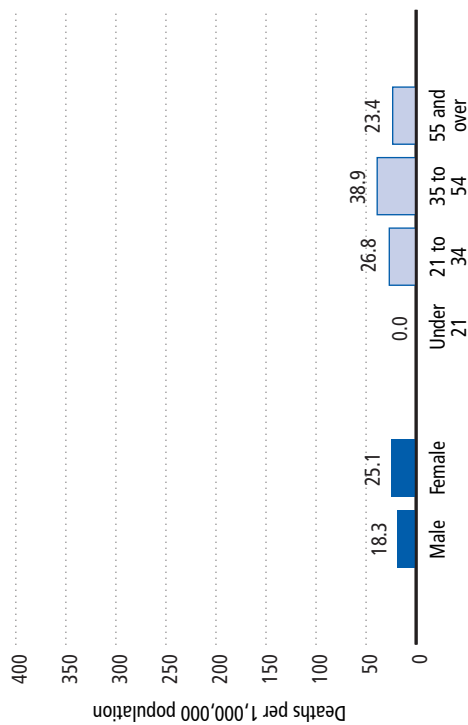


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	134	Any drug-related cause	17
Abuse	--	Abuse	--
Drug or alcohol	133	Drug or alcohol	17
Toxic effects	109	Toxic effects	7
Body systems (includes infections)	32	Body systems (includes infections)	0
Accidents and injuries	9	Accidents and injuries	8

Drug-related deaths by drug category, 2003-2004

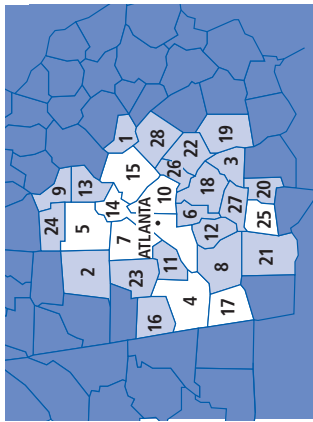
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	156	147	18	17
Alcohol ²	51	43	5	7
Cocaine	62	53	--	--
Marijuana	--	0	0	0
Stimulants	6	12	0	--
Club drugs ³	0	0	0	0
Hallucinogens ⁴	0	--	0	0
Inhalants	--	0	0	0
Antidepressants	15	14	7	8
Antipsychotics	0	--	--	0
Benzodiazepines	16	15	--	--
Misc. anxiolytics, sedatives, and hypnotics	--	5	--	0
Opiates/opioids	112	108	9	11
Heroin (specified)	42	41	0	--
Methadone	23	29	--	--
All other opiates/opioids	54	44	7	8
Nonsteroidal anti-inflammatory agents	--	--	0	--
Salicylates/combinations	--	0	--	0
Misc. analgesics/combinations	--	6	--	--
Anticonvulsants	--	--	0	0
Muscle relaxants	5	4	0	0

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

Atlanta-Sandy Springs-Marietta, GA



Deaths reported to DAWN
 Drug misuse 195
 Suicide 25

Metro area population, 2004
 4,708,297

Population covered by DAWN
 3,148,259
 Percent of population covered by DAWN
 67%

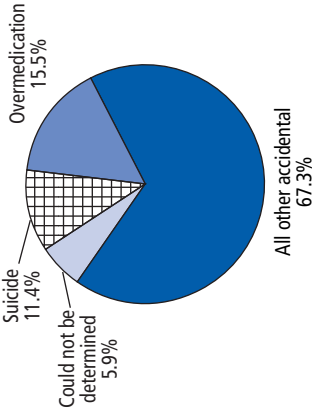
Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (8)	195	61.9	25	7.9	3,148,259
1. Barrow County, GA					56,418
2. Bartow County, GA					86,972
3. Butts County, GA					22,362
4. Carroll County, GA	18	177.2	2	19.7	101,577
5. Cherokee County, GA	2	11.4	1	5.7	174,680
6. Clayton County, GA					264,951
7. Cobb County, GA	42	64.2	3	4.6	654,005
8. Coweta County, GA					105,376
9. Dawson County, GA					19,064
10. DeKalb County, GA	18	26.6	4	5.9	675,725
11. Douglas County, GA					107,217
12. Fayette County, GA					101,333
13. Forsyth County, GA					131,865
14. Fulton County, GA*	90	110.5	10	12.3	814,438
15. Gwinnett County, GA	25	35.7	5	7.1	700,794
16. Haralson County, GA					28,069
17. Heard County, GA	0	0.0	0	0.0	11,290
18. Henry County, GA					159,506
19. Jasper County, GA					12,866
20. Lamar County, GA					16,410
21. Meriwether County, GA					22,750
22. Newton County, GA					81,524
23. Paulding County, GA					105,936
24. Pickens County, GA					27,771
25. Pike County, GA	0	0.0	0	0.0	15,750
26. Rockdale County, GA					76,821
27. Spalding County, GA					60,886
28. Walton County, GA					71,941

Shaded areas did not participate in DAWN this year.
 * Indicates area featured in Spotlight section.

¹ Deaths per 1,000,000 population.

Deaths by case type, 2004

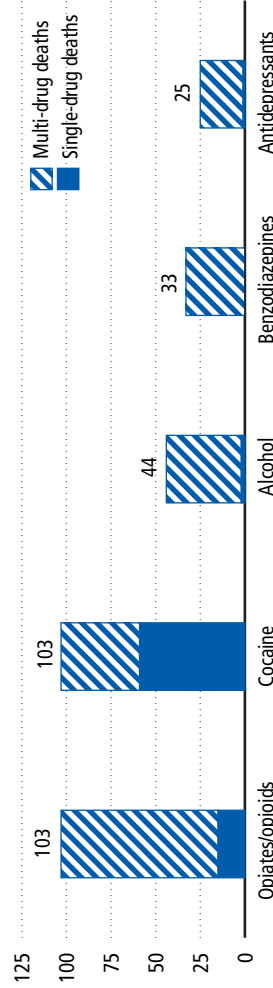


Place of death, 2004

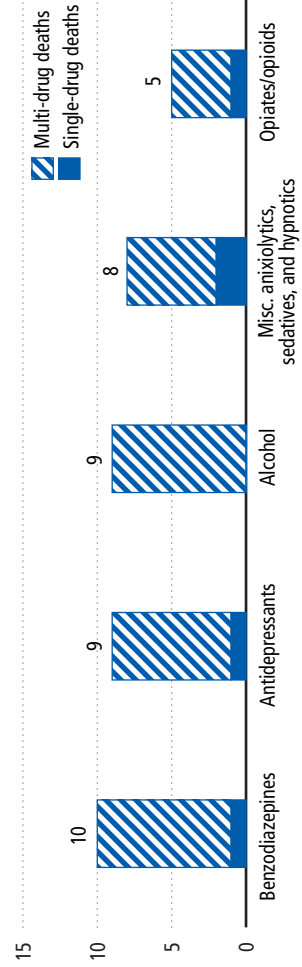
Place of death	Deaths
Health care facility	47
Home	101
Public place	10
Other	37
Not documented	0

Place of death	Deaths
Health care facility	5
Home	15
Public place	--
Other	--
Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

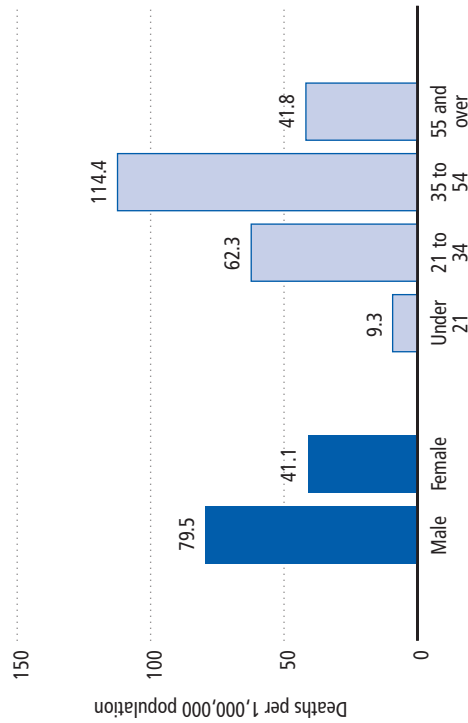


Top 5 drugs involved: Suicide deaths, 2004

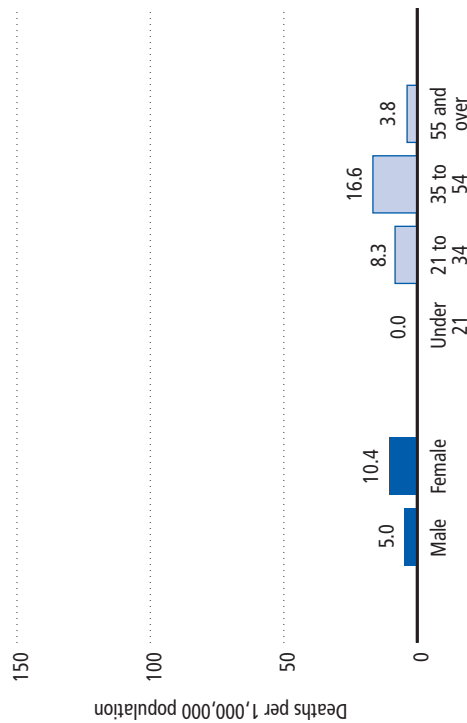


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	187	Any drug-related cause	24
Abuse	5	Abuse	0
Drug or alcohol	187	Drug or alcohol	24
Toxic effects	165	Toxic effects	23
Body systems (includes infections)	36	Body systems (includes infections)	0
Accidents and injuries	11	Accidents and injuries	--

Drug-related deaths by drug category, 2003-2004

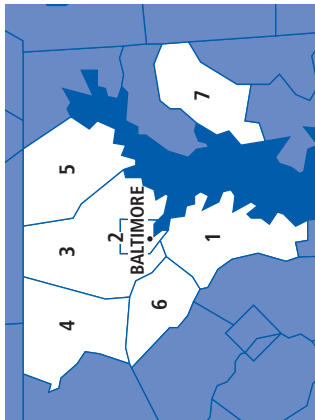
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	195	84	25	7
Alcohol ²	44	--	9	0
Cocaine	103	59	0	0
Marijuana	0	0	0	0
Stimulants	17	5	--	0
Club drugs ³	--	0	0	0
Hallucinogens ⁴	0	0	0	0
Inhalants	0	0	0	0
Antidepressants	25	--	9	--
Antipsychotics	--	0	--	0
Benzodiazepines	33	0	10	--
Misc. anxiolytics, sedatives, and hypnotics	12	--	8	--
Opiates/opioids	103	15	5	--
Heroin (specified)	--	0	0	0
Methadone	37	6	0	0
All other opiates/opioids	77	9	5	--
Nonsteroidal anti-inflammatory agents	0	0	--	0
Salicylates/combinations	0	0	--	--
Misc. analgesics/combinations	4	0	--	0
Anticonvulsants	4	0	--	0
Muscle relaxants	8	0	4	0

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

Baltimore-Towson, MD



Deaths reported to DAWN
 Drug misuse 468
 Suicide 23

Metro area population, 2004
 2,639,213

Population covered by DAWN
 2,639,213

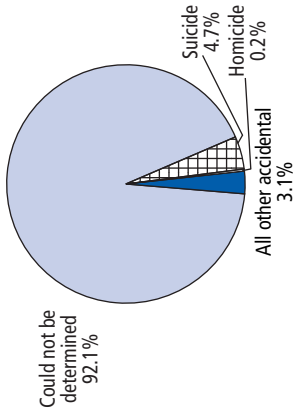
Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (7)	468	177.3	23	8.7	2,639,213
1. Anne Arundel County, MD	46	90.4	1	2.0	508,572
2. Baltimore City, MD*	286	449.5	5	7.9	636,251
3. Baltimore County, MD*	91	116.5	13	16.6	780,821
4. Carroll County, MD	13	78.2	2	12.0	166,159
5. Harford County, MD	16	67.9	0	0.0	235,594
6. Howard County, MD	13	48.7	2	7.5	266,738
7. Queen Anne's County, MD	3	66.6	0	0.0	45,078

* Indicates area featured in Spotlight section.
¹Deaths per 1,000,000 population.

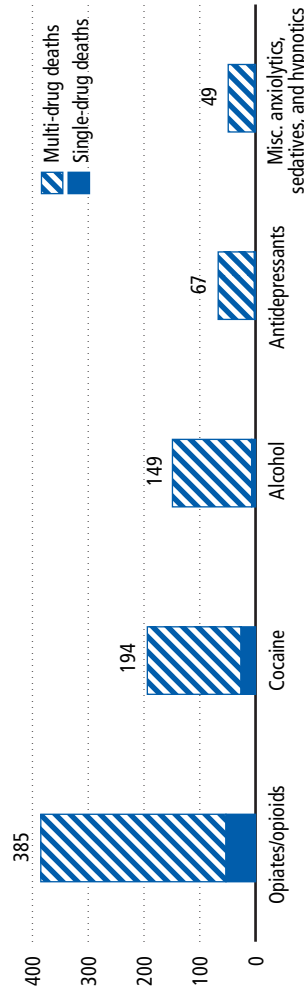
Deaths by case type, 2004



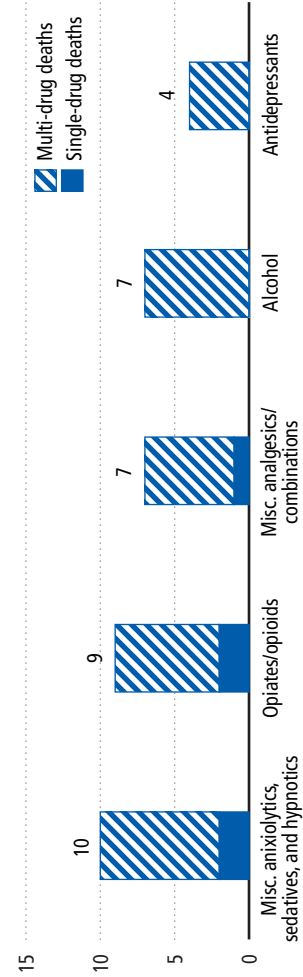
Place of death, 2004

Drug misuse		Suicide	
Place	Deaths	Place	Deaths
Health care facility	164	Health care facility	5
Home	212	Home	15
Public place	13	Public place	--
Other	78	Other	--
Not documented	--	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

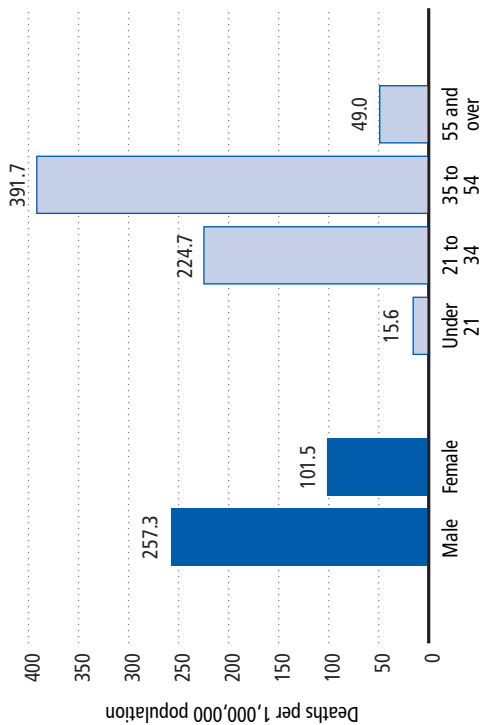


Top 5 drugs involved: Suicide deaths, 2004

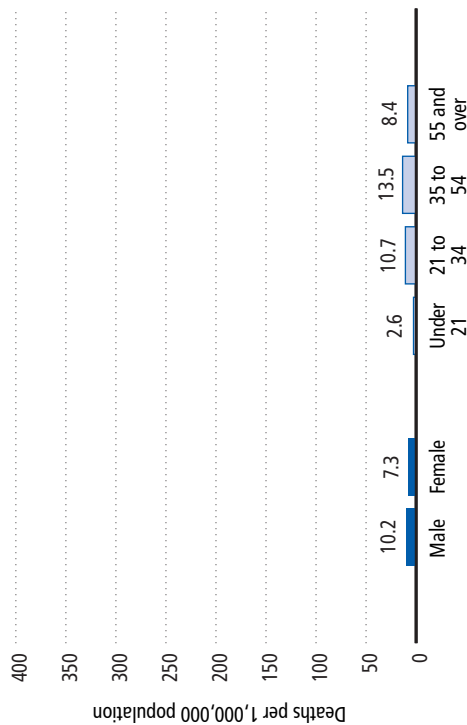


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	460	Any drug-related cause	23
Abuse	4	Abuse	0
Drug or alcohol	460	Drug or alcohol	23
Toxic effects	437	Toxic effects	21
Body systems (includes infections)	19	Body systems (includes infections)	0
Accidents and injuries	10	Accidents and injuries	--

Drug-related deaths by drug category, 2003-2004

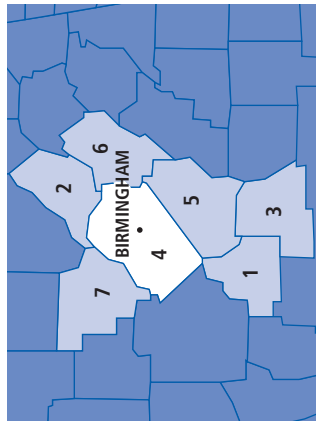
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	538	468	12	23
Alcohol ²	215	149	5	7
Cocaine	226	194	0	4
Marijuana	0	--	0	0
Stimulants	0	--	0	0
Club drugs ³	0	--	0	0
Hallucinogens ⁴	--	--	0	0
Inhalants	0	--	0	0
Antidepressants	119	67	10	4
Antipsychotics	27	17	0	--
Benzodiazepines	32	18	--	--
Misc. anxiolytics, sedatives, and hypnotics	78	49	4	10
Opiates/opioids	469	385	--	9
Heroin (specified)	--	68	0	--
Methadone	114	107	0	0
All other opiates/opioids	405	281	--	8
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	--	--	--	0
Misc. analgesics/combinations	53	45	6	7
Anticonvulsants	--	--	--	0
Muscle relaxants	9	11	0	0

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

Birmingham-Hoover, AL



Deaths reported to DAWN
 Drug misuse 95
 Suicide 12

Metro area population, 2004
 1,082,193

Population covered by DAWN
 658,495

Percent of population covered by DAWN
 61%

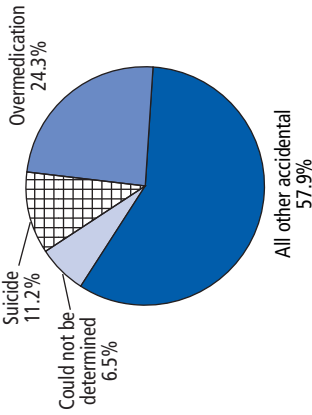
Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (1)	95	144.3	12	18.2	658,495
1. Bibb County, AL					21,317
2. Blount County, AL					54,988
3. Chilton County, AL					41,466
4. Jefferson County, AL	95	144.3	12	18.2	658,495
5. Shelby County, AL					165,677
6. St. Clair County, AL					70,245
7. Walker County, AL					70,005

Shaded areas did not participate in DAWN this year.

¹Deaths per 1,000,000 population.

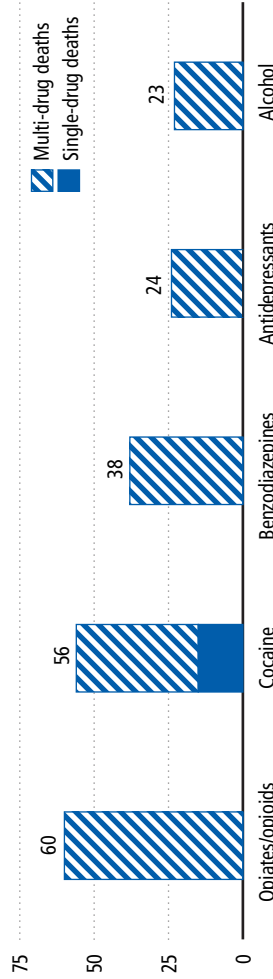
Deaths by case type, 2004



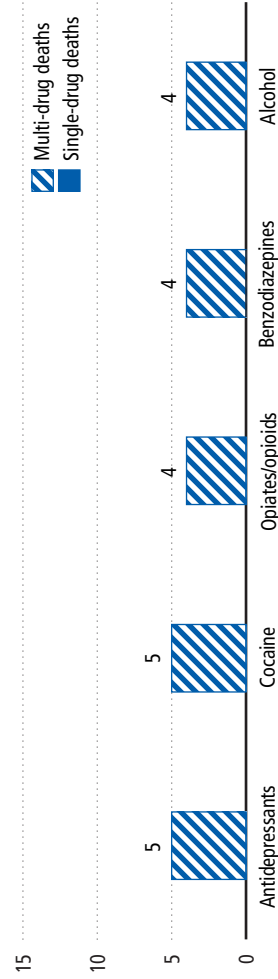
Place of death, 2004

Drug misuse		Suicide	
Place	Deaths	Place	Deaths
Health care facility	15	Health care facility	--
Home	46	Home	7
Public place	19	Public place	--
Other	15	Other	--
Not documented	0	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

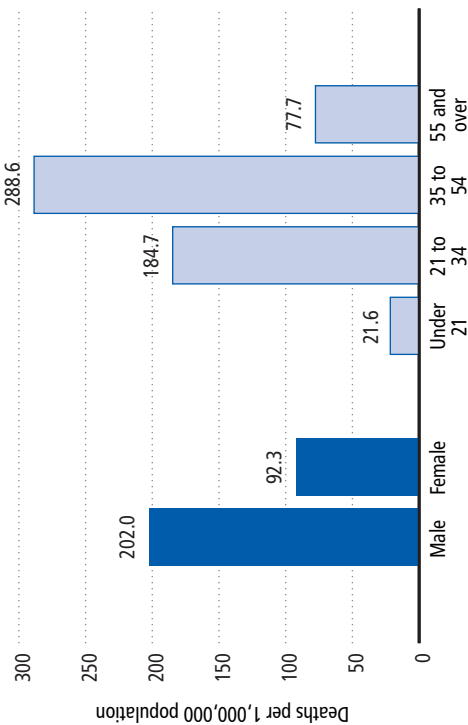


Top 5 drugs involved: Suicide deaths, 2004

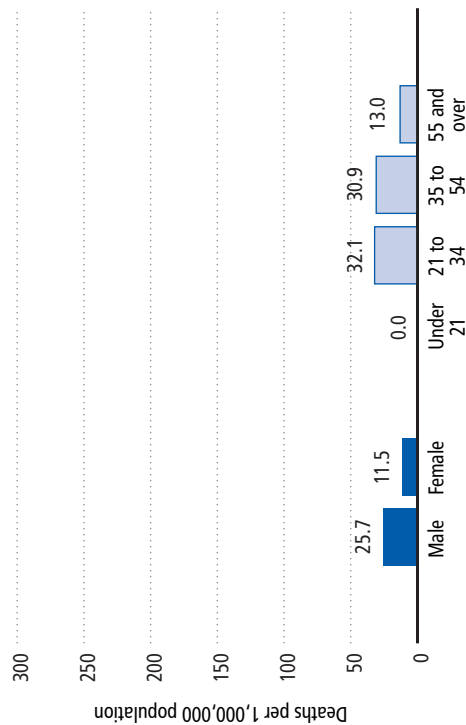


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	75	Any drug-related cause	8
Abuse	59	Abuse	--
Drug or alcohol	73	Drug or alcohol	8
Toxic effects	30	Toxic effects	6
Body systems (includes infections)	25	Body systems (includes infections)	--
Accidents and injuries	24	Accidents and injuries	5

Drug-related deaths by drug category, 2003-2004

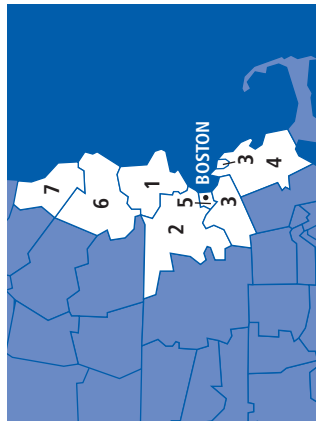
Drug category	Drug misuse			Suicide		
	Deaths, 2003	Deaths, 2004	Single-drug deaths, 2004	Deaths, 2003	Deaths, 2004	Single-drug deaths, 2004
ALL DRUGS	89	95	15	7	12	0
Alcohol ²	24	23	0	4	4	0
Cocaine	47	56	15	--	5	0
Marijuana	--	--	0	0	0	0
Stimulants	4	4	0	0	0	0
Club drugs ³	--	--	0	0	0	0
Hallucinogens ⁴	0	0	0	0	0	0
Inhalants	0	0	0	0	0	0
Antidepressants	30	24	0	--	5	0
Antipsychotics	6	--	0	0	--	0
Benzodiazepines	37	38	0	4	4	0
Misc. anxiolytics, sedatives, and hypnotics	16	14	0	--	--	0
Opiates/opioids	61	60	0	5	4	0
Heroin (specified)	--	--	0	0	0	0
Methadone	30	28	0	--	--	0
All other opiates/opioids	40	43	0	--	--	0
Nonsteroidal anti-inflammatory agents	0	--	0	0	0	0
Salicylates/combinations	4	--	0	--	0	0
Misc. analgesics/combinations	12	6	0	--	0	0
Anticonvulsants	8	--	0	0	0	0
Muscle relaxants	8	8	0	--	--	0

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

Boston-Cambridge-Quincy, MA-NH



Deaths reported to DAWN
 Drug misuse 445
 Suicide 50

Metro area population, 2004
 4,424,649

Population covered by DAWN
 4,424,649

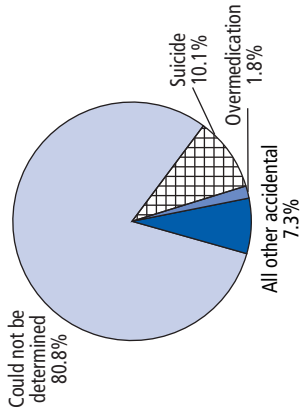
Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (7)	445	100.6	50	11.3	4,424,649
1. Essex County, MA*	79	106.9	11	14.9	738,984
2. Middlesex County, MA*	121	82.6	11	7.5	1,464,628
3. Norfolk County, MA	55	84.1	9	13.8	653,617
4. Plymouth County, MA	33	67.3	3	6.1	490,655
5. Suffolk County, MA*	128	192.2	13	19.5	666,022
6. Rockingham County, NH	24	82.0	2	6.8	292,526
7. Strafford County, NH	5	42.3	1	8.5	118,217

* Indicates area featured in Spotlight section.
¹Deaths per 1,000,000 population.

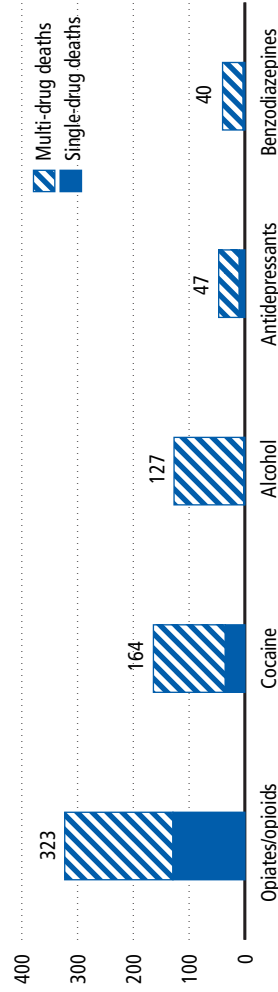
Deaths by case type, 2004



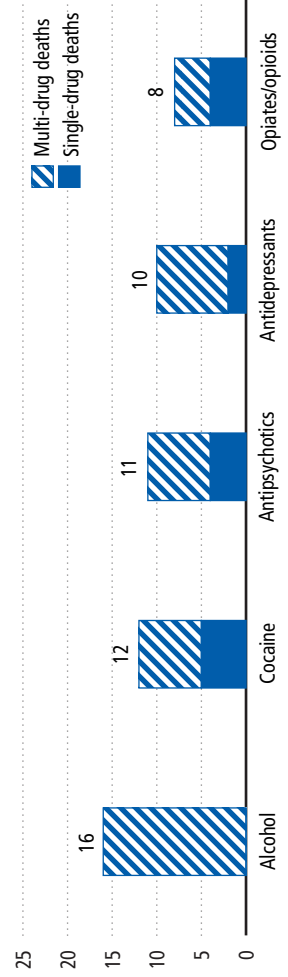
Place of death, 2004

Drug misuse		Suicide	
Place	Deaths	Place	Deaths
Health care facility	92	Health care facility	11
Home	235	Home	30
Public place	30	Public place	--
Other	59	Other	--
Not documented	29	Not documented	--

Top 5 drugs involved: Drug misuse deaths, 2004

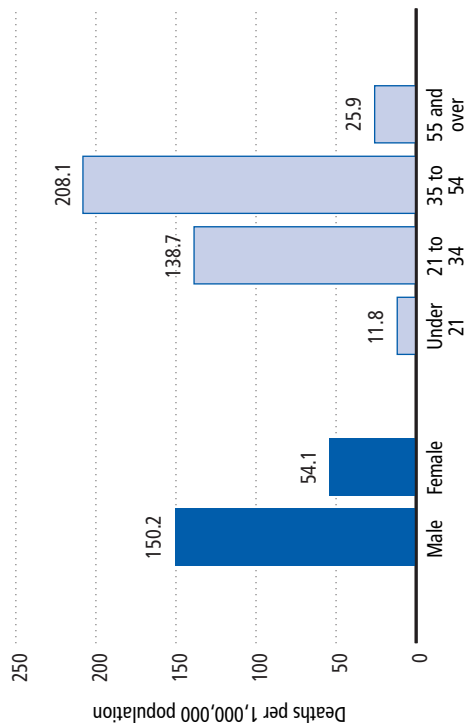


Top 5 drugs involved: Suicide deaths, 2004

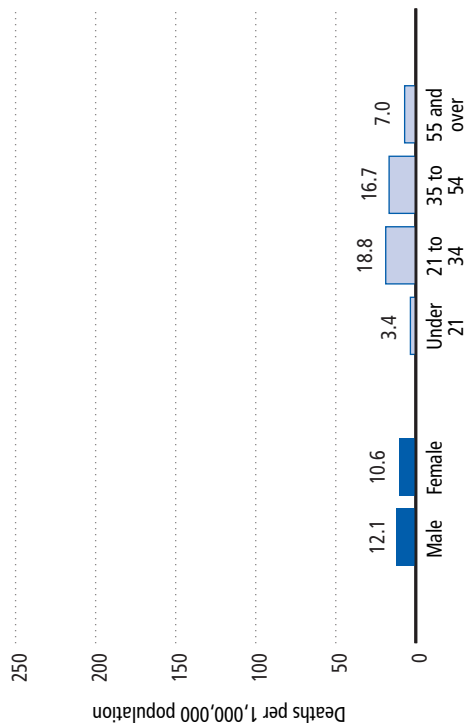


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	443	Any drug-related cause	47
Abuse	97	Abuse	--
Drug or alcohol	439	Drug or alcohol	46
Toxic effects	402	Toxic effects	38
Body systems (includes infections)	60	Body systems (includes infections)	6
Accidents and injuries	58	Accidents and injuries	24

Drug-related deaths by drug category, 2003-2004

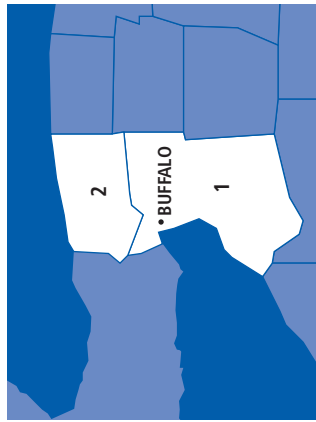
Drug category	Deaths, 2003		Deaths, 2004		Single-drug deaths, 2004		Suicide	
	2003	2004	2003	2004	2004	2004	2004	2004
ALL DRUGS	486	445	193	63	50	25		
Alcohol ²	114	127	--	15	16	0		
Cocaine	216	164	35	21	12	5		
Marijuana	18	7	--	0	--	0		
Stimulants	--	4	--	0	0	0		
Club drugs ³	--	--	--	0	0	0		
Hallucinogens ⁴	0	0	0	0	0	0		
Inhalants	5	--	--	--	--	--		
Antidepressants	32	47	10	11	10	--		
Antipsychotics	10	7	--	5	11	4		
Benzodiazepines	88	40	--	7	7	--		
Misc. anxiolytics, sedatives, and hypnotics	5	5	0	5	6	--		
Opiates/opioids	316	323	132	23	8	4		
Heroin (specified)	109	142	67	--	0	0		
Methadone	35	40	19	--	0	0		
All other opiates/opioids	188	150	46	20	8	4		
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0		
Salicylates/combinations	--	0	0	--	0	0		
Misc. analgesics/combinations	4	8	4	--	4	4		
Anticonvulsants	--	--	0	0	0	0		
Muscle relaxants	--	--	0	0	0	0		

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

Buffalo-Cheektowaga-Tonawanda, NY



Deaths reported to DAWN
 Drug misuse 100
 Suicide 10

Metro area population, 2004
 1,154,378

Population covered by DAWN
 1,154,378

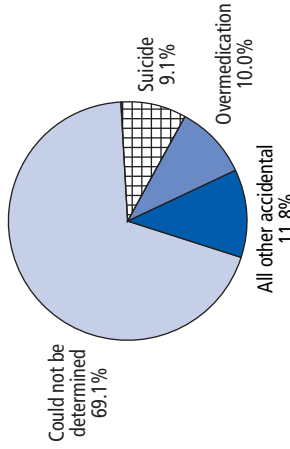
Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (2)	100	86.6	10	8.7	1,154,378
1. Erie County, NY*	86	91.8	8	8.5	936,318
2. Niagara County, NY	14	64.2	2	9.2	218,060

* Indicates area featured in Spotlight section.
¹Deaths per 1,000,000 population.

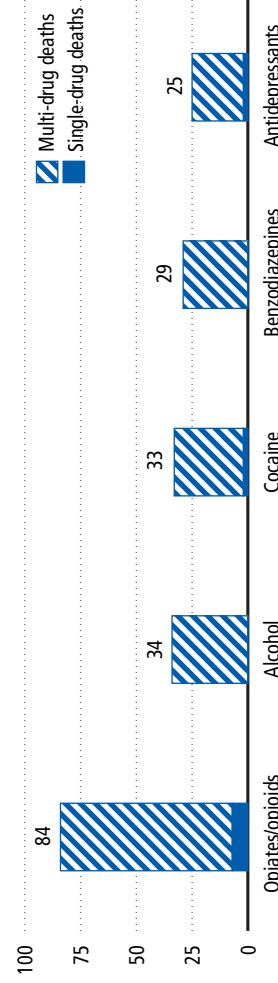
Deaths by case type, 2004



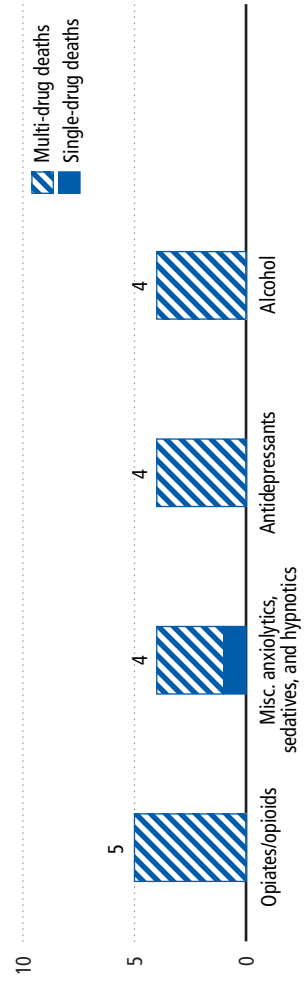
Place of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Health care facility	31	Health care facility	--
Home	47	Home	4
Public place	7	Public place	--
Other	15	Other	--
Not documented	0	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

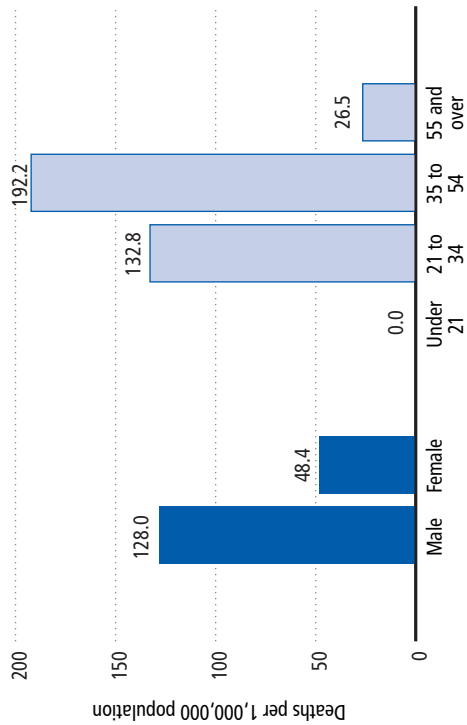


Top 5 drugs involved: Suicide deaths, 2004

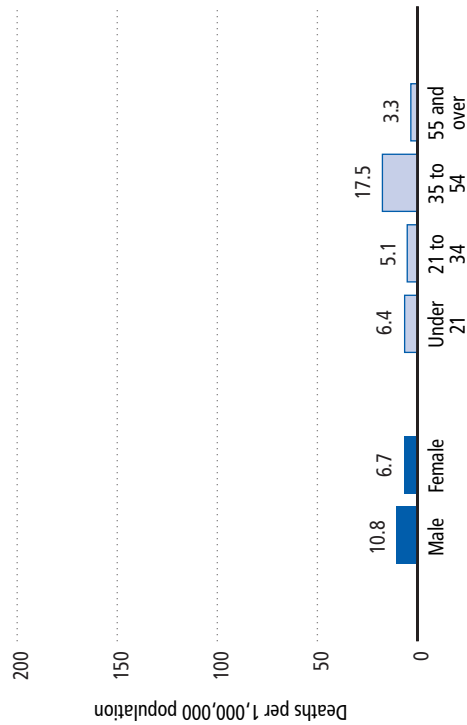


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	89	Any drug-related cause	10
Abuse	21	Abuse	--
Drug or alcohol	89	Drug or alcohol	10
Toxic effects	68	Toxic effects	9
Body systems (includes infections)	26	Body systems (includes infections)	0
Accidents and injuries	0	Accidents and injuries	0

Drug-related deaths by drug category, 2003-2004

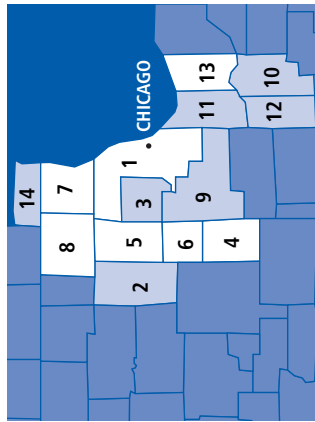
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	65	100	18	10
Alcohol ²	21	34	8	4
Cocaine	26	33	4	0
Marijuana	7	13	--	0
Stimulants	0	0	0	0
Club drugs ³	0	0	0	0
Hallucinogens ⁴	0	0	0	0
Inhalants	0	0	--	0
Antidepressants	27	25	10	4
Antipsychotics	4	7	--	--
Benzodiazepines	19	29	--	--
Misc. anxiolytics, sedatives, and hypnotics	9	18	5	4
Opiates/opioids	51	84	8	5
Heroin (specified)	17	27	--	0
Methadone	7	7	0	0
All other opiates/opioids	44	56	8	5
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	0	0	0	0
Misc. analgesics/combinations	--	--	0	--
Anticonvulsants	0	6	0	0
Muscle relaxants	4	9	--	--

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

Chicago-Naperville-Joliet, IL-IN-WI



Deaths reported to DAWN
 Drug misuse 699
 Suicide 51

Metro area population, 2004
 9,391,515

Population covered by DAWN
 7,058,121
 Percent of population covered
 by DAWN
 75%

Metro area overview: Deaths and population by county, 2004

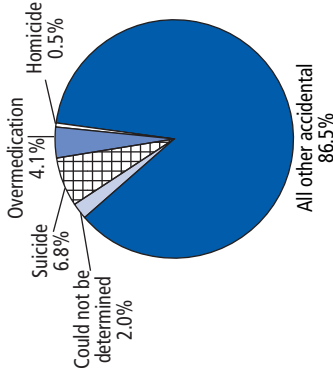
Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (7)	699	99.0	51	7.2	7,058,121
1. Cook County, IL*	573	107.5	38	7.1	5,327,777
2. DeKalb County, IL					95,503
3. DuPage County, IL					928,718
4. Grundy County, IL	10	243.5	1	24.3	41,069
5. Kane County, IL	28	59.3	3	6.3	472,482
6. Kendall County, IL	2	27.6	0	0.0	72,548
7. Lake County, IL	53	76.5	6	8.7	692,895
8. McHenry County, IL	25	84.3	1	3.4	296,389
9. Will County, IL					613,849
10. Jasper County, IN					31,624
11. Lake County, IN					490,844
12. Newton County, IN					14,421
13. Porter County, IN	8	51.6	2	12.9	154,961
14. Kenosha County, WI					158,435

Shaded areas did not participate in DAWN this year.

* Indicates area featured in Spotlight section.

¹Deaths per 1,000,000 population.

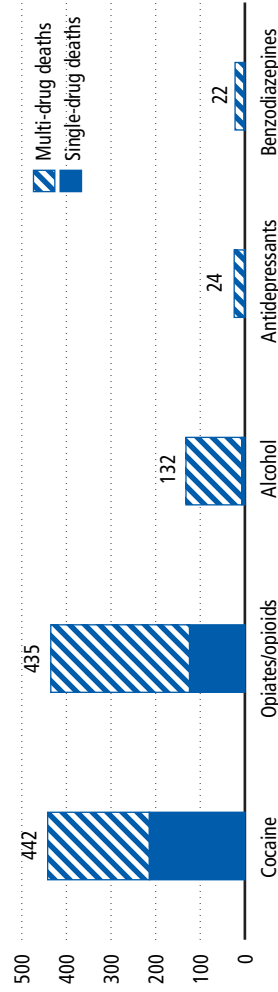
Deaths by case type, 2004



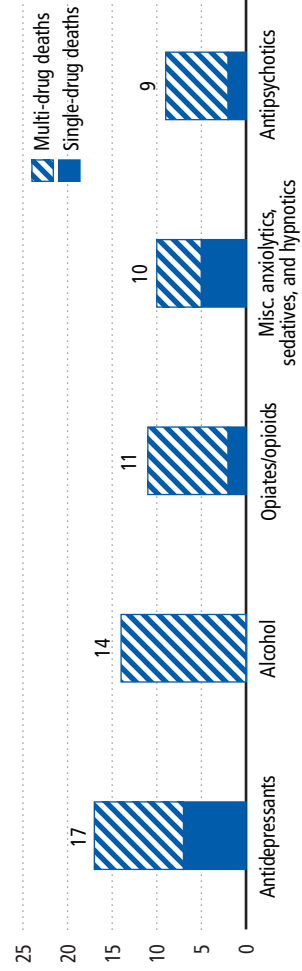
Place of death, 2004

Drug misuse		Suicide	
Place of death	Deaths	Place of death	Deaths
Health care facility	322	Health care facility	14
Home	230	Home	32
Public place	32	Public place	--
Other	111	Other	--
Not documented	4	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

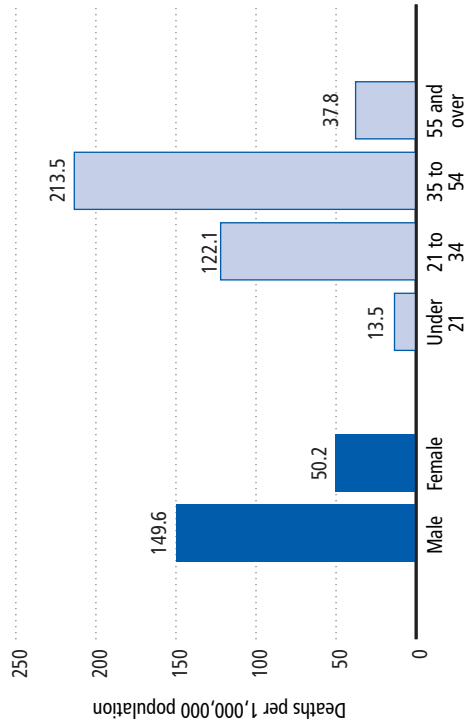


Top 5 drugs involved: Suicide deaths, 2004

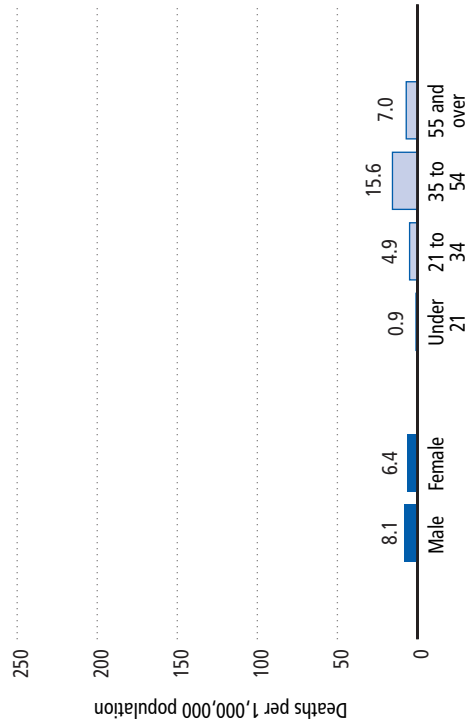


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	569	Any drug-related cause	51
Abuse	--	Abuse	--
Drug or alcohol	566	Drug or alcohol	51
Toxic effects	549	Toxic effects	49
Body systems (includes infections)	149	Body systems (includes infections)	6
Accidents and injuries	13	Accidents and injuries	--

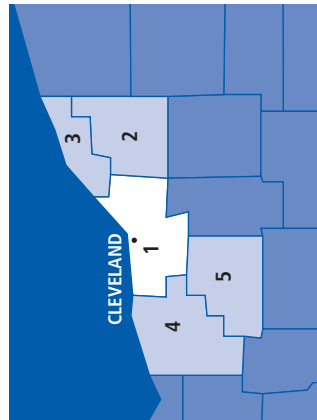
Drug-related deaths by drug category, 2003-2004

Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	699	358	51	23
Alcohol ²	132	7	14	0
Cocaine	442	214	--	0
Marijuana	10	--	0	0
Stimulants	--	--	0	0
Club drugs ³	--	0	0	0
Hallucinogens ⁴	--	0	0	0
Inhalants	0	0	0	0
Antidepressants	24	--	17	7
Antipsychotics	--	0	9	--
Benzodiazepines	22	--	7	--
Misc. anxiolytics, sedatives, and hypnotics	10	0	10	5
Opiates/opioids	435	125	11	--
Heroin (specified)	30	7	--	0
Methadone	40	20	0	0
All other opiates/opioids	375	98	10	--
Nonsteroidal anti-inflammatory agents	--	0	0	0
Salicylates/combinations	--	--	--	--
Misc. analgesics/combinations	6	0	4	--
Anticonvulsants	4	0	--	0
Muscle relaxants	9	--	--	0

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.



Deaths reported to DAWN
 Drug misuse 184
 Suicide 25

Metro area population, 2004
 2,137,073

Population covered by DAWN
 1,351,009

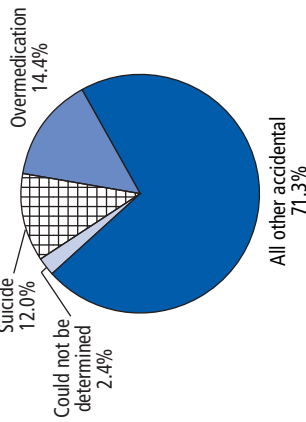
Percent of population covered by DAWN
 63%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (1)	184	136.2	25	18.5	1,351,009
1. Cuyahoga County, OH	184	136.2	25	18.5	1,351,009
2. Geauga County, OH					94,602
3. Lake County, OH					232,061
4. Lorain County, OH					294,324
5. Medina County, OH					165,077

Shaded areas did not participate in DAWN this year. ¹Deaths per 1,000,000 population.

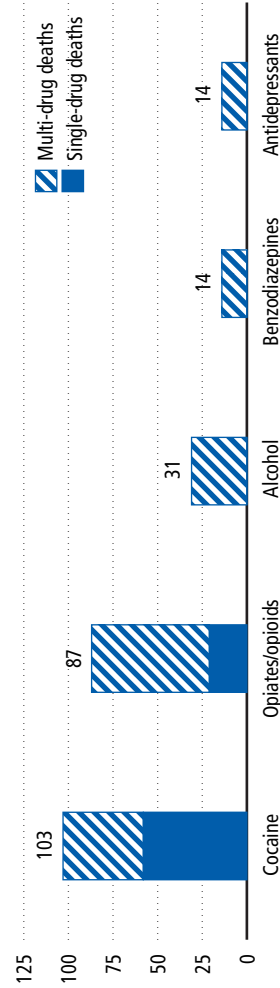
Deaths by case type, 2004



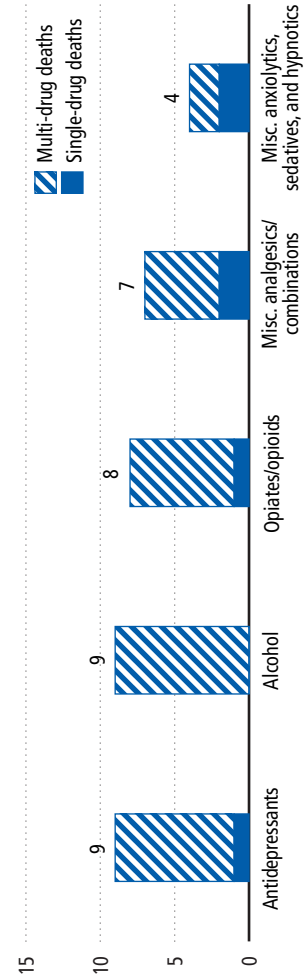
Place of death, 2004

Drug misuse		Suicide	
Place	Deaths	Place	Deaths
Health care facility	91	Health care facility	11
Home	83	Home	11
Public place	--	Public place	--
Other	8	Other	0
Not documented	0	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

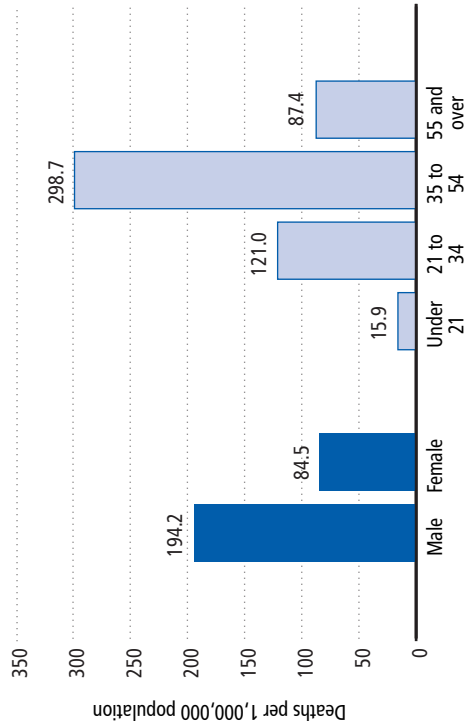


Top 5 drugs involved: Suicide deaths, 2004

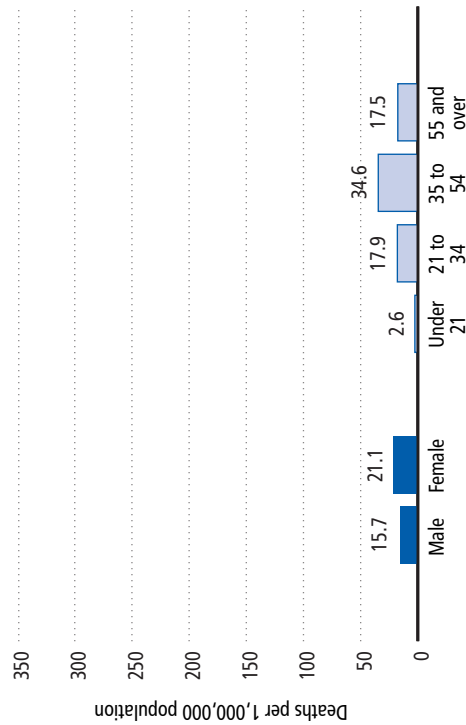


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	183	Any drug-related cause	25
Abuse	39	Abuse	0
Drug or alcohol	183	Drug or alcohol	25
Toxic effects	152	Toxic effects	25
Body systems (includes infections)	93	Body systems (includes infections)	5
Accidents and injuries	5	Accidents and injuries	--

Drug-related deaths by drug category, 2003-2004

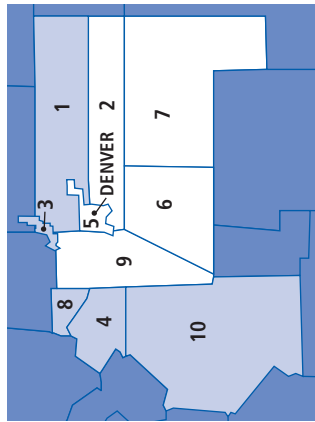
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Single-drug deaths, 2004	Deaths, 2004
ALL DRUGS	178	184	94	25
Alcohol ²	46	31	0	8
Cocaine	91	103	58	--
Marijuana	5	4	0	0
Stimulants	--	--	0	0
Club drugs ³	--	--	0	0
Hallucinogens ⁴	7	0	0	0
Inhalants	0	--	0	0
Antidepressants	26	14	0	9
Antipsychotics	6	--	--	0
Benzodiazepines	15	14	0	4
Misc. anxiolytics, sedatives, and hypnotics	7	11	0	4
Opiates/opioids	90	87	21	6
Heroin (specified)	39	37	9	0
Methadone	5	6	--	0
All other opiates/opioids	55	54	11	6
Nonsteroidal anti-inflammatory agents	--	0	0	0
Salicylates/combinations	--	0	0	0
Misc. analgesics/combinations	13	13	--	7
Anticonvulsants	0	0	0	0
Muscle relaxants	--	5	0	--

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

Denver-Aurora, CO



Deaths reported to DAWN
 Drug misuse 215
 Suicide 53

Metro area population, 2004
 2,330,146

Population covered by DAWN
 1,866,449

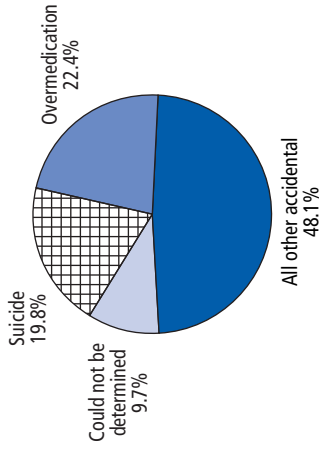
Percent of population covered by DAWN
 80%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (5)	215	115.2	53	28.4	1,866,449
1. Adams County, CO					389,857
2. Arapahoe County, CO	51	97.5	13	24.9	522,812
3. Broomfield County, CO					42,901
4. Clear Creek County, CO					9,223
5. Denver County, CO*	128	229.9	18	32.3	556,835
6. Douglas County, CO	7	29.4	1	4.2	237,963
7. Elbert County, CO	4	177.9	0	0.0	22,488
8. Gilpin County, CO					4,883
9. Jefferson County, CO	25	47.5	21	39.9	526,351
10. Park County, CO					16,833

¹Deaths per 1,000,000 population.
 Shaded areas did not participate in DAWN this year.
 * Indicates area featured in Spotlight section.

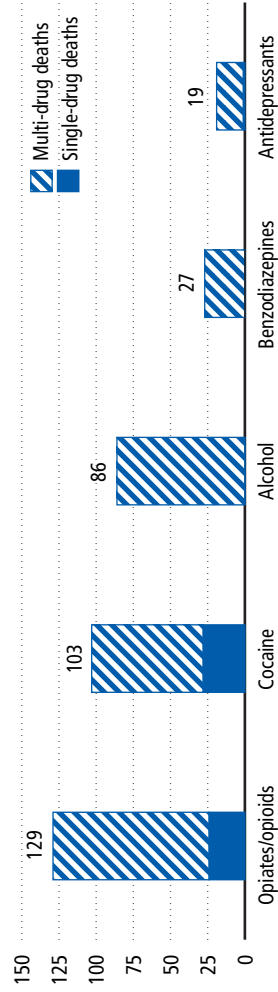
Deaths by case type, 2004



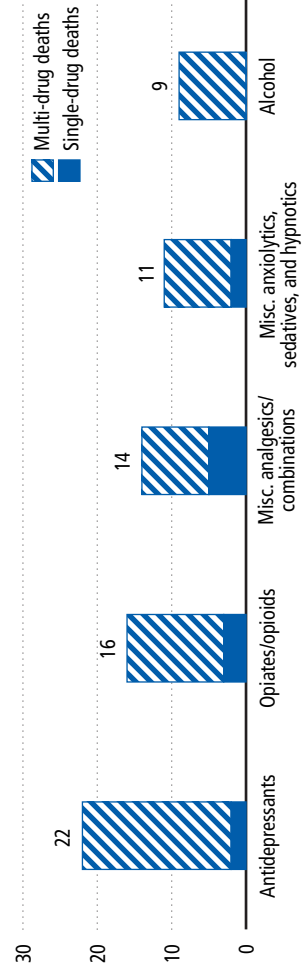
Place of death, 2004

Drug misuse		Suicide	
Place of death	Deaths	Place of death	Deaths
Health care facility	47	Health care facility	11
Home	109	Home	34
Public place	18	Public place	--
Other	41	Other	7
Not documented	0	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

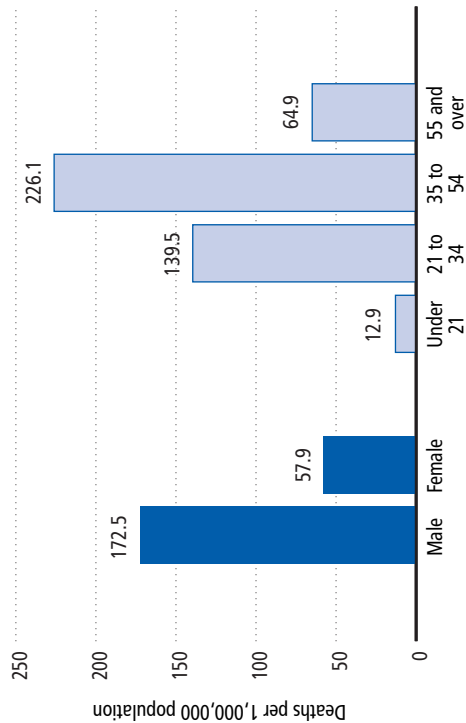


Top 5 drugs involved: Suicide deaths, 2004

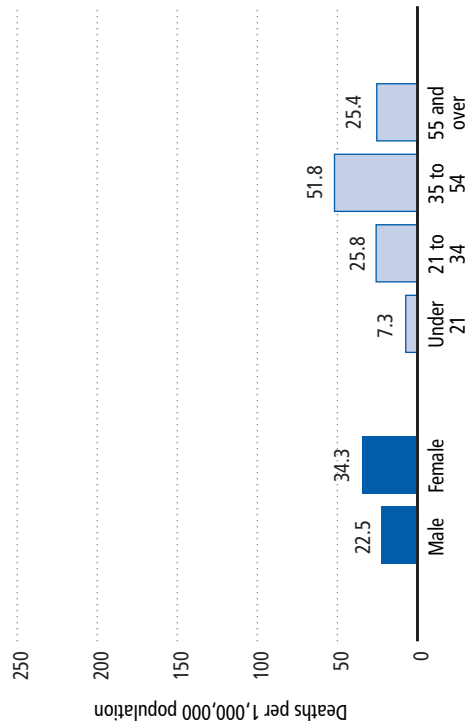


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	208	Any drug-related cause	53
Abuse	--	Abuse	0
Drug or alcohol	208	Drug or alcohol	53
Toxic effects	201	Toxic effects	51
Body systems (includes infections)	29	Body systems (includes infections)	10
Accidents and injuries	5	Accidents and injuries	0

Drug-related deaths by drug category, 2003-2004

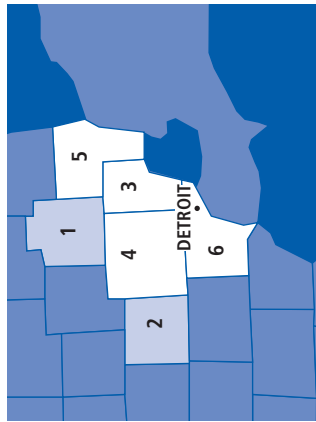
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	215	62	53	19
Alcohol ²	86	0	9	0
Cocaine	103	28	--	0
Marijuana	13	0	0	0
Stimulants	17	--	0	0
Club drugs ³	--	0	0	0
Hallucinogens ⁴	0	0	0	0
Inhalants	--	--	--	--
Antidepressants	19	--	22	--
Antipsychotics	5	0	6	--
Benzodiazepines	27	0	7	--
Misc. anxiolytics, sedatives, and hypnotics	11	0	11	--
Opiates/opioids	129	26	16	4
Heroin (specified)	15	6	--	--
Methadone	19	--	5	--
All other opiates/opioids	99	17	11	--
Nonsteroidal anti-inflammatory agents	--	0	--	0
Salicylates/combinations	0	0	--	0
Misc. analgesics/combinations	14	--	14	5
Anticonvulsants	6	0	--	0
Muscle relaxants	12	--	5	--

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

Detroit-Warren-Livonia, MI



Deaths reported to DAWN
 Drug misuse 644
 Suicide 51

Metro area population, 2004
 4,493,165

Population covered by DAWN
 4,223,117

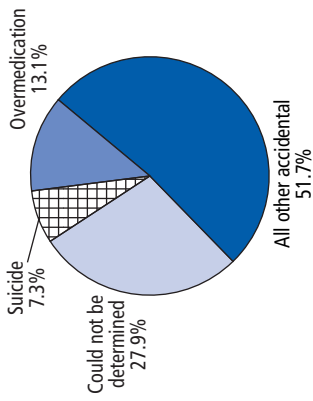
Percent of population covered
 by DAWN
 94%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (4)	644	152.5	51	12.1	4,223,117
1. Lapeer County, MI					92,510
2. Livingston County, MI					177,538
3. Macomb County, MI*	110	133.7	9	10.9	822,660
4. Oakland County, MI*	120	98.9	28	23.1	1,213,339
5. St. Clair County, MI	13	76.1	1	5.9	170,916
6. Wayne County, MI*	401	198.9	13	6.4	2,016,202

Shaded areas did not participate in DAWN this year.
¹Deaths per 1,000,000 population.
 * Indicates area featured in Spotlight section.

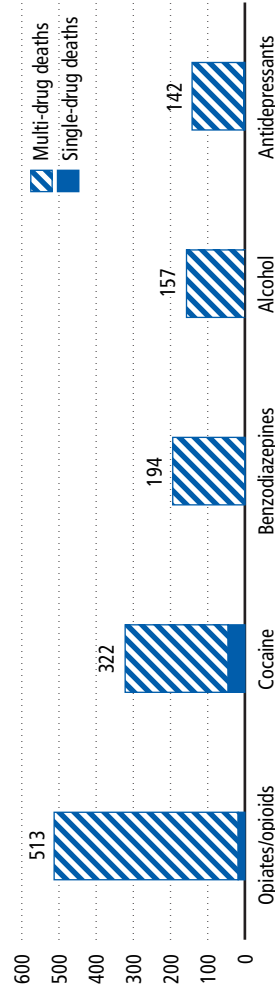
Deaths by case type, 2004



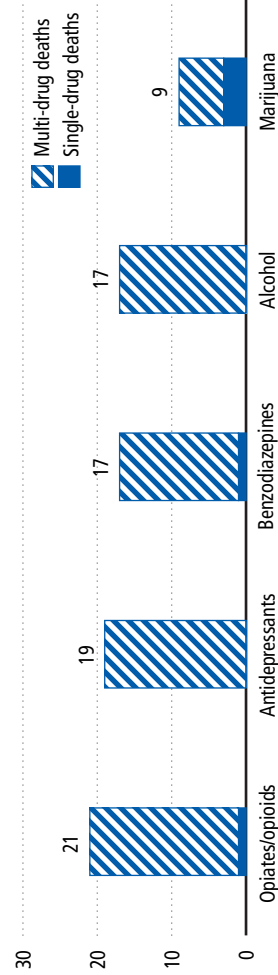
Place of death, 2004

Drug misuse		Suicide	
Place	Deaths	Place	Deaths
Health care facility	201	Health care facility	14
Home	320	Home	27
Public place	16	Public place	--
Other	105	Other	7
Not documented	--	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

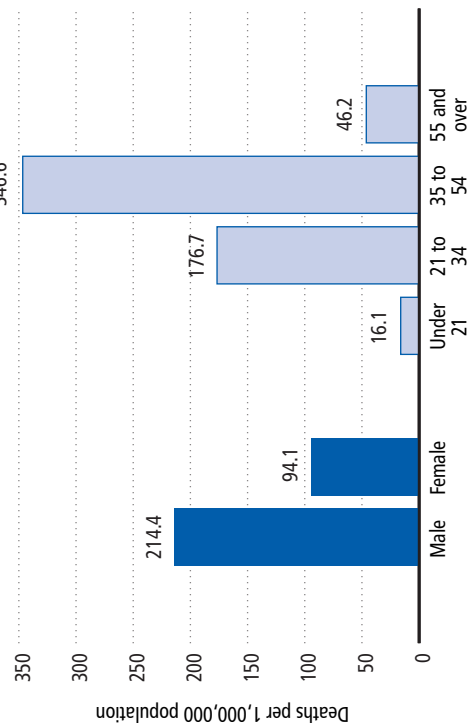


Top 5 drugs involved: Suicide deaths, 2004

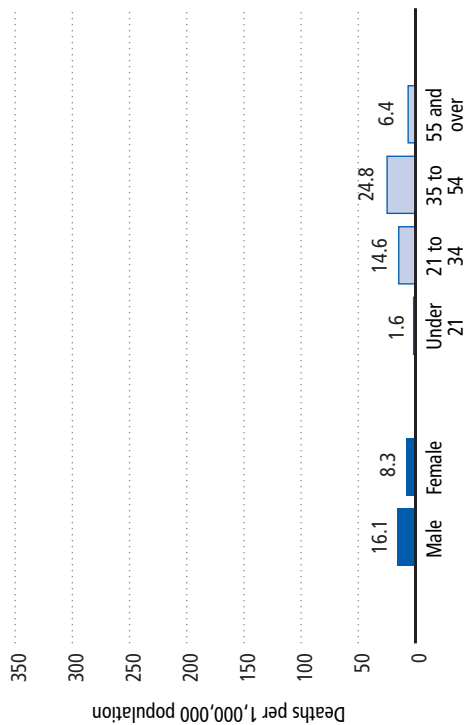


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	620	Any drug-related cause	39
Abuse	251	Abuse	0
Drug or alcohol	619	Drug or alcohol	39
Toxic effects	346	Toxic effects	39
Body systems (includes infections)	62	Body systems (includes infections)	--
Accidents and injuries	17	Accidents and injuries	11

Drug-related deaths by drug category, 2003-2004

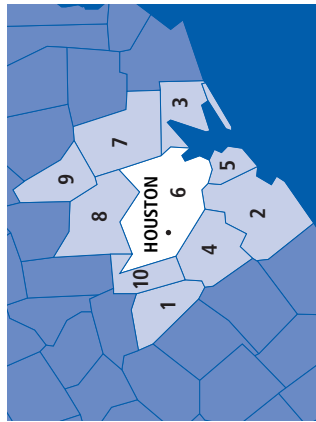
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	546	644	53	51
Alcohol ²	156	157	20	17
Cocaine	289	322	6	9
Marijuana	37	46	--	9
Stimulants	4	4	--	0
Club drugs ³	0	--	0	0
Hallucinogens ⁴	0	0	0	0
Inhalants	0	4	--	0
Antidepressants	109	142	20	19
Antipsychotics	25	35	6	8
Benzodiazepines	144	194	23	17
Misc. anxiolytics, sedatives, and hypnotics	88	117	15	7
Opiates/opioids	418	513	35	21
Heroin (specified)	72	194	0	0
Methadone	75	82	--	--
All other opiates/opioids	348	419	35	19
Nonsteroidal anti-inflammatory agents	--	--	0	0
Salicylates/combinations	--	--	--	0
Misc. analgesics/combinations	20	30	8	6
Anticonvulsants	10	12	--	0
Muscle relaxants	35	45	--	5

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

Houston-Baytown-Sugar Land, TX



Deaths reported to DAWN
 Drug misuse 344
 Suicide 67

Metro area population, 2004
 5,180,443

Population covered by DAWN
 3,644,285

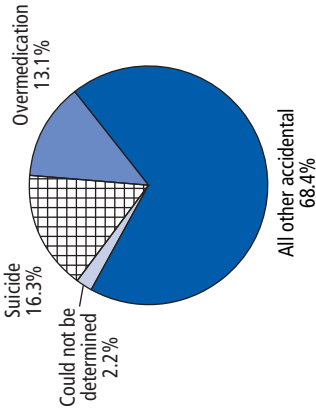
Percent of population covered by DAWN
 70%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (1)	344	94.4	67	18.4	3,644,285
1. Austin County, TX					25,800
2. Brazoria County, TX					271,130
3. Chambers County, TX					28,227
4. Fort Bend County, TX					442,620
5. Galveston County, TX					271,743
6. Harris County, TX	344	94.4	67	18.4	3,644,285
7. Liberty County, TX					74,821
8. Montgomery County, TX					362,382
9. San Jacinto County, TX					24,678
10. Waller County, TX					34,757

Shaded areas did not participate in DAWN this year. ¹Deaths per 1,000,000 population.

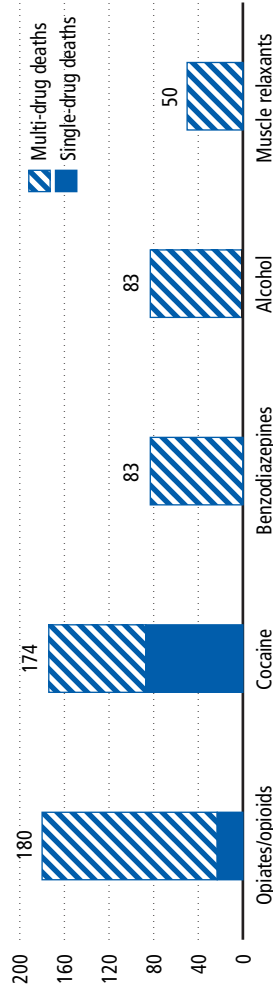
Deaths by case type, 2004



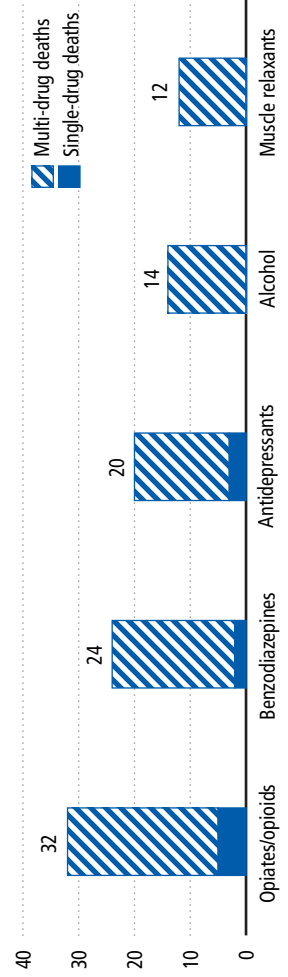
Place of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Health care facility	114	Health care facility	15
Home	167	Home	43
Public place	28	Public place	6
Other	35	Other	--
Not documented	0	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

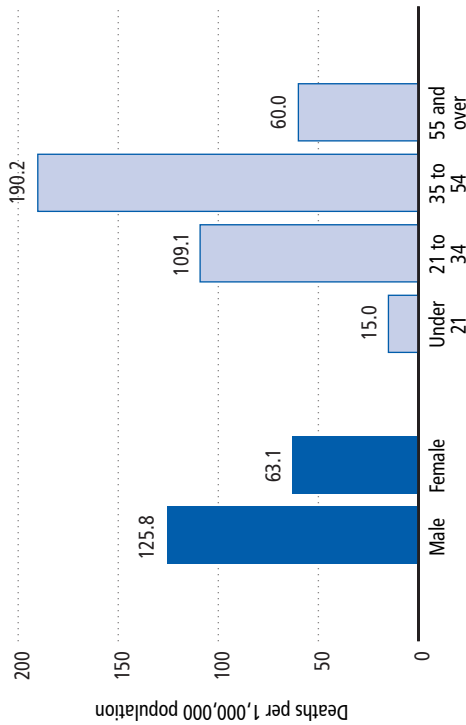


Top 5 drugs involved: Suicide deaths, 2004

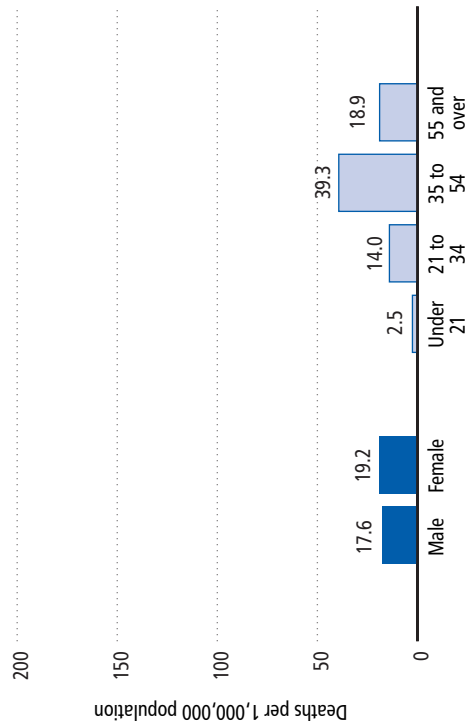


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	343	Any drug-related cause	66
Abuse	9	Abuse	0
Drug or alcohol	343	Drug or alcohol	66
Toxic effects	330	Toxic effects	65
Body systems (includes infections)	59	Body systems (includes infections)	--
Accidents and injuries	269	Accidents and injuries	62

Drug-related deaths by drug category, 2003-2004

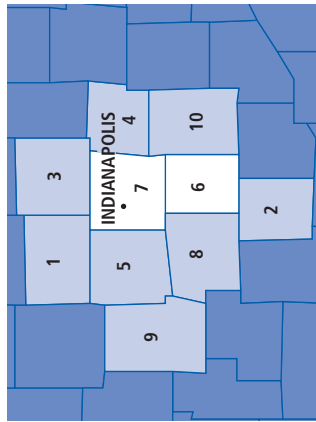
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	241	344	78	67
Alcohol ²	63	83	22	14
Cocaine	119	174	7	12
Marijuana	15	4	--	0
Stimulants	--	6	0	--
Club drugs ³	--	5	0	0
Hallucinogens ⁴	4	7	0	--
Inhalants	--	--	--	0
Antidepressants	23	32	26	20
Antipsychotics	--	6	--	4
Benzodiazepines	47	83	19	24
Misc. anxiolytics, sedatives, and hypnotics	12	40	15	10
Opiates/opioids	122	180	39	32
Heroin (specified)	25	29	--	--
Methadone	25	47	7	--
All other opiates/opioids	78	126	34	27
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	--	0	--	--
Misc. analgesics/combinations	4	10	6	4
Anticonvulsants	--	--	--	0
Muscle relaxants	35	50	11	12

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

Indianapolis, IN



Deaths reported to DAWN
 Drug misuse 108
 Suicide 19

Metro area population, 2004
 1,621,613

Population covered by DAWN
 989,460
 Percent of population covered by DAWN
 61%

Metro area overview: Deaths and population by county, 2004

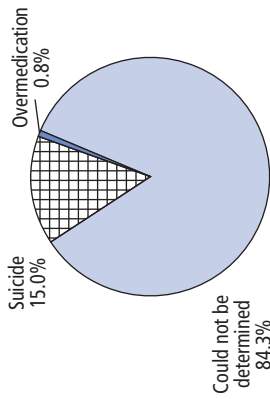
Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (2)	108	109.2	19	19.2	989,460
1. Boone County, IN	108	109.2	19	19.2	50,847
2. Brown County, IN	16	127.1	0	0.0	15,228
3. Hamilton County, IN	92	106.5	19	22.0	231,760
4. Hancock County, IN	0	0.0	0	0.0	60,915
5. Hendricks County, IN	19	22.0	19	22.0	123,476
6. Johnson County, IN	0	0.0	0	0.0	125,864
7. Marion County, IN*	19	22.0	19	22.0	863,596
8. Morgan County, IN	0	0.0	0	0.0	69,424
9. Putnam County, IN	0	0.0	0	0.0	36,786
10. Shelby County, IN	0	0.0	0	0.0	43,717

¹ Deaths per 1,000,000 population.

Shaded areas did not participate in DAWN this year.

* Indicates area featured in Spotlight section.

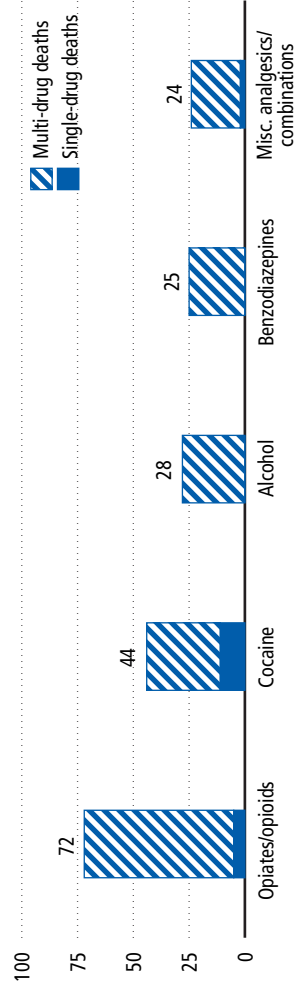
Deaths by case type, 2004



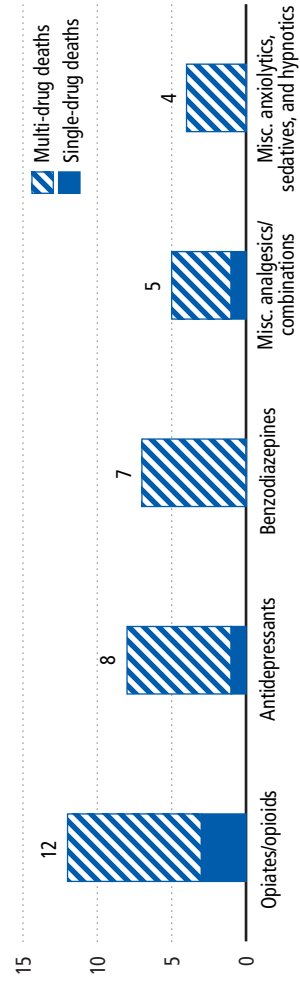
Place of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Health care facility	20	Health care facility	6
Home	62	Home	13
Public place	--	Public place	0
Other	24	Other	0
Not documented	0	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

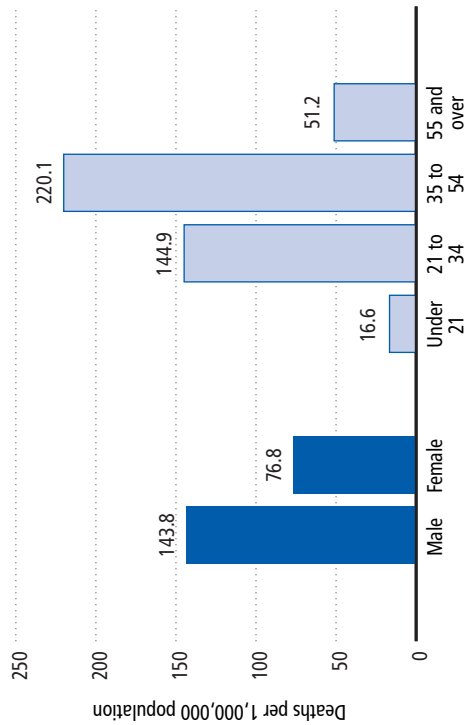


Top 5 drugs involved: Suicide deaths, 2004

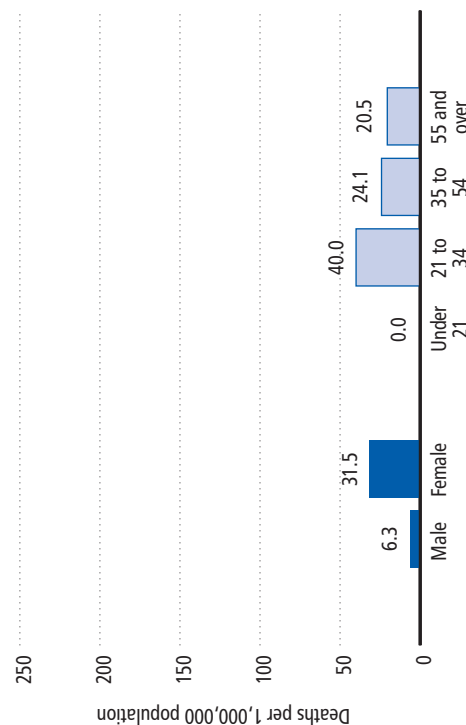


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	108	Any drug-related cause	19
Abuse	24	Abuse	0
Drug or alcohol	107	Drug or alcohol	18
Toxic effects	95	Toxic effects	19
Body systems (includes infections)	15	Body systems (includes infections)	--
Accidents and injuries	--	Accidents and injuries	0

Drug-related deaths by drug category, 2003-2004

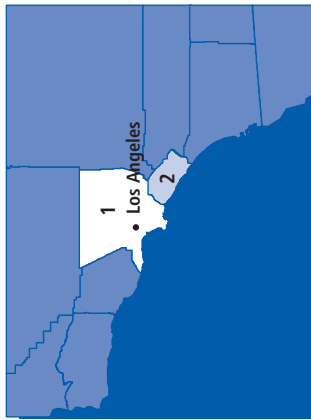
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Single-drug deaths, 2004	Deaths, 2004
ALL DRUGS	72	108	21	19
Alcohol ²	23	28	0	0
Cocaine	21	44	11	0
Marijuana	14	14	0	0
Stimulants	--	9	--	0
Club drugs ³	0	--	0	0
Hallucinogens ⁴	--	0	0	0
Inhalants	0	0	0	0
Antidepressants	5	18	0	8
Antipsychotics	0	0	0	--
Benzodiazepines	17	25	0	7
Misc. anxiolytics, sedatives, and hypnotics	5	11	--	4
Opiates/opioids	60	72	5	12
Heroin (specified)	--	6	0	0
Methadone	17	17	--	--
All other opiates/opioids	48	60	--	4
Nonsteroidal anti-inflammatory agents	0	0	0	--
Salicylates/combinations	--	0	0	0
Misc. analgesics/combinations	4	24	--	5
Anticonvulsants	0	--	0	0
Muscle relaxants	--	7	--	--

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

Los Angeles-Long Beach-Santa Ana, CA



Deaths reported to DAWN
Drug misuse 1,038
Suicide 167

Metro area population, 2004
12,925,330

Population covered by DAWN
9,937,739

Percent of population covered by DAWN
77%

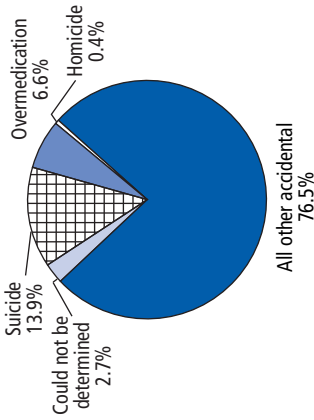
Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (1)	1,038	104.5	167	16.8	9,937,739
1. Los Angeles County, CA	1,038	104.5	167	16.8	9,937,739
2. Orange County, CA					2,987,591

Shaded areas did not participate in DAWN this year.

¹Deaths per 1,000,000 population.

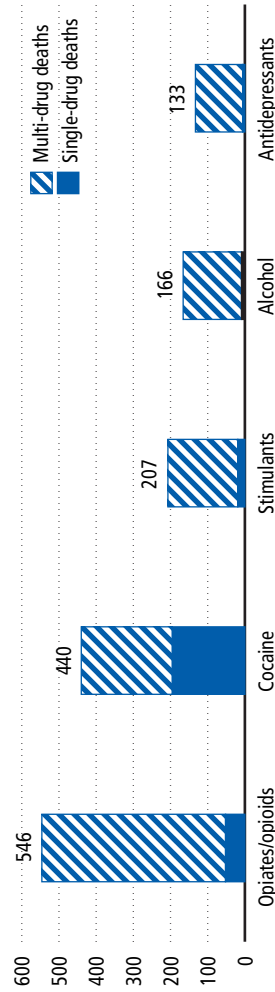
Deaths by case type, 2004



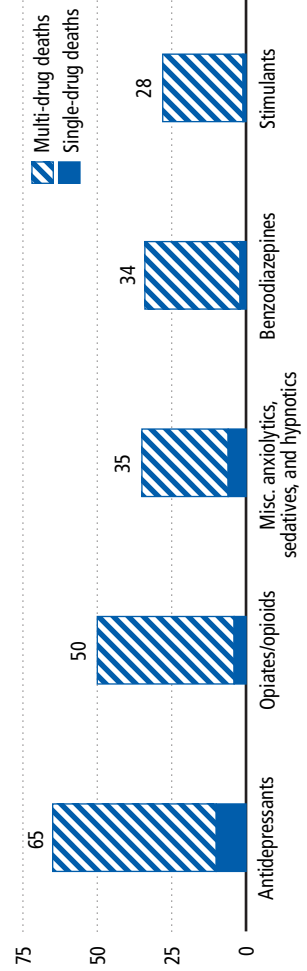
Place of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Health care facility	412	Health care facility	36
Home	339	Home	90
Public place	60	Public place	6
Other	223	Other	35
Not documented	4	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

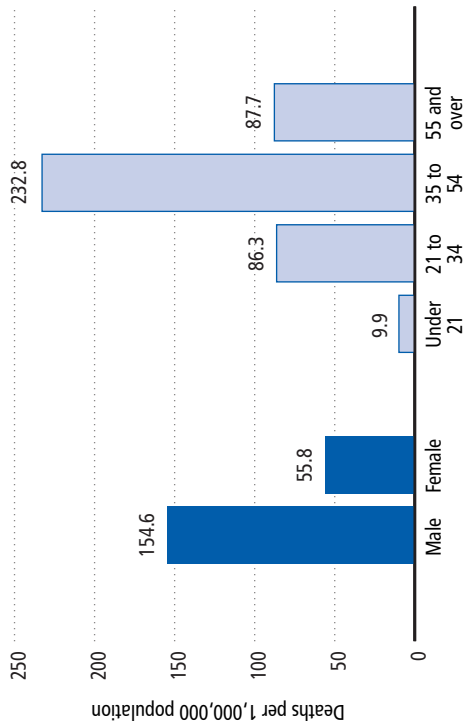


Top 5 drugs involved: Suicide deaths, 2004

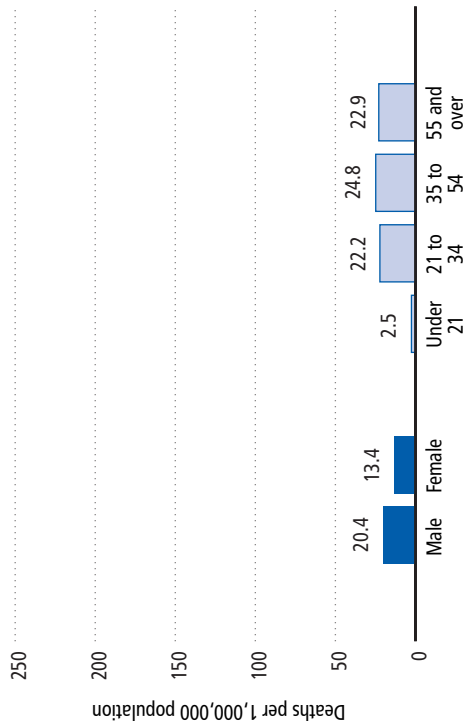


-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	666	Any drug-related cause	83
Abuse	22	Abuse	0
Drug or alcohol	652	Drug or alcohol	83
Toxic effects	445	Toxic effects	71
Body systems (includes infections)	346	Body systems (includes infections)	14
Accidents and injuries	951	Accidents and injuries	165

Drug-related deaths by drug category, 2003-2004

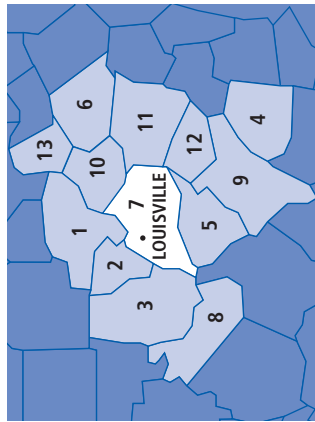
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	1,038	348	167	52
Alcohol ²	166	9	25	0
Cocaine	440	195	21	7
Marijuana	48	14	4	--
Stimulants	207	19	28	--
Club drugs ³	9	--	--	0
Hallucinogens ⁴	15	--	0	0
Inhalants	7	--	5	4
Antidepressants	133	6	65	10
Antipsychotics	56	--	17	--
Benzodiazepines	82	--	34	--
Misc. anxiolytics, sedatives, and hypnotics	84	0	35	6
Opiates/opioids	546	81	50	4
Heroin (specified)	279	35	4	0
Methodone	59	15	--	0
All other opiates/opioids	406	31	49	4
Nonsteroidal anti-inflammatory agents	9	0	--	0
Salicylates/combinations	4	--	--	--
Misc. analgesics/combinations	27	5	14	--
Anticonvulsants	30	--	9	--
Muscle relaxants	29	0	10	--

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

Louisville, KY-IN



Deaths reported to DAWN
Drug misuse 57
Suicide 9

Metro area population, 2004
1,200,847

Population covered by DAWN
700,030

Percent of population covered by DAWN
58%

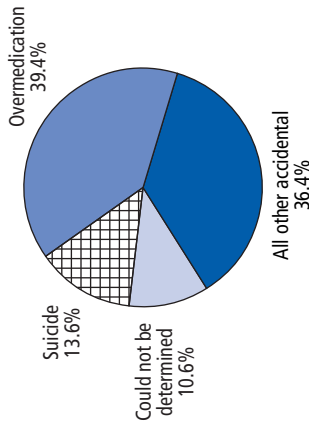
Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (1)	57	81.4	9	12.9	700,030
1. Clark County, IN					100,706
2. Floyd County, IN					71,543
3. Harrison County, IN					36,376
4. Washington County, IN					27,882
5. Bullitt County, KY					66,645
6. Henry County, KY					15,771
7. Jefferson County, KY	57	81.4	9	12.9	700,030
8. Meade County, KY					28,300
9. Nelson County, KY					40,406
10. Oldham County, KY					52,100
11. Shelby County, KY					37,219
12. Spencer County, KY					14,822
13. Trimble County, KY					9,047

Shaded areas did not participate in DAWN this year.

¹Deaths per 1,000,000 population.

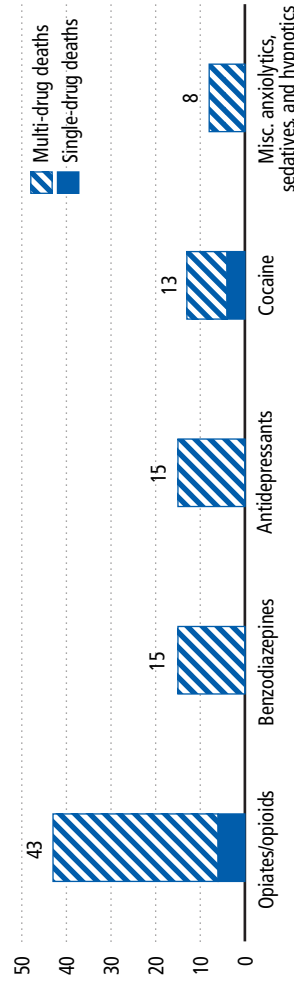
Deaths by case type, 2004



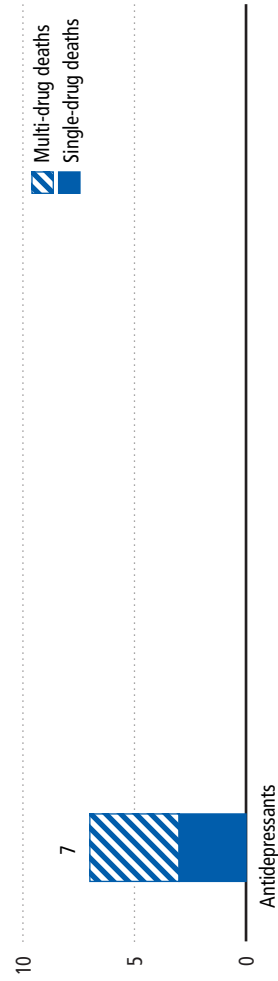
Place of death, 2004

Drug misuse		Suicide	
Place	Deaths	Place	Deaths
Health care facility	17	Health care facility	0
Home	32	Home	9
Public place	--	Public place	0
Other	7	Other	0
Not documented	0	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

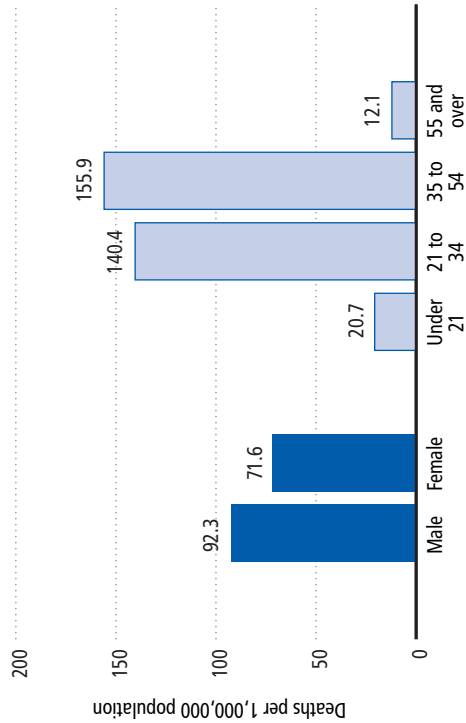


Top 5 drugs involved: Suicide deaths, 2004

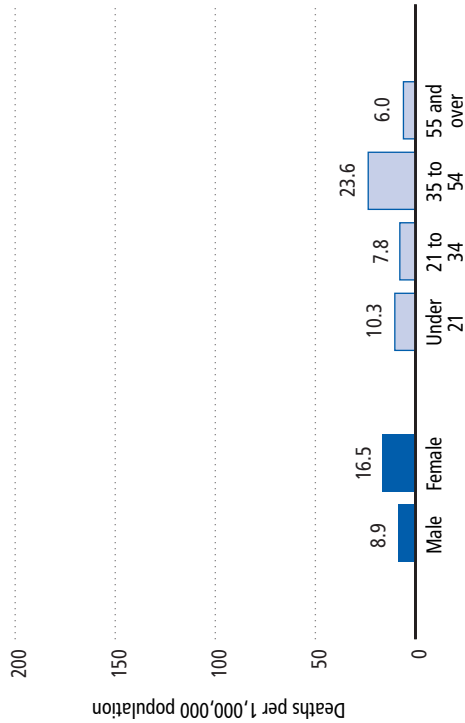


-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	55	Any drug-related cause	9
Abuse	--	Abuse	0
Drug or alcohol	55	Drug or alcohol	9
Toxic effects	55	Toxic effects	9
Body systems (includes infections)	5	Body systems (includes infections)	0
Accidents and injuries	--	Accidents and injuries	0

Drug-related deaths by drug category, 2003-2004

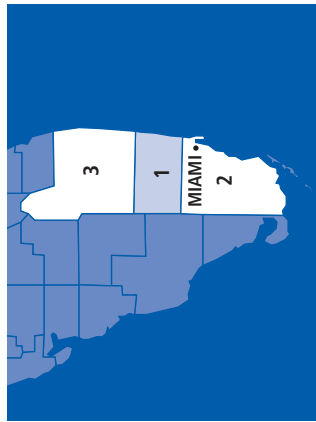
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	71	57	18	9
Alcohol ²	14	6	6	--
Cocaine	9	13	0	0
Marijuana	--	0	0	0
Stimulants	--	--	0	0
Club drugs ³	--	0	0	0
Hallucinogens ⁴	0	0	0	0
Inhalants	0	0	0	0
Antidepressants	29	15	9	7
Antipsychotics	10	--	--	0
Benzodiazepines	15	15	--	--
Misc. anxiolytics, sedatives, and hypnotics	5	8	4	--
Opiates/opioids	53	43	9	--
Heroin (specified)	0	0	0	0
Methadone	32	27	--	0
All other opiates/opioids	27	24	7	--
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	0	0	0	--
Misc. analgesics/combinations	13	7	7	--
Anticonvulsants	--	0	--	0
Muscle relaxants	0	0	--	0

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

Miami-Fort Lauderdale-Miami Beach, FL



Deaths reported to DAWN
Drug misuse 332
Suicide 50

Metro area population, 2004
5,361,723

Population covered by DAWN
3,606,830

Percent of population covered by DAWN
67%

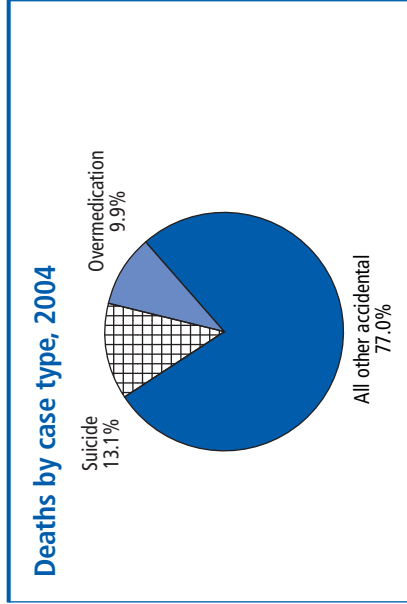
Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (2)	332	92.0	50	13.9	3,606,830
1. Broward County, FL	169	71.5	30	12.7	1,754,893
2. Miami-Dade County, FL*	163	131.1	20	16.1	2,363,600
3. Palm Beach County, FL*					1,243,230

¹Deaths per 1,000,000 population.

Shaded areas did not participate in DAWN this year.

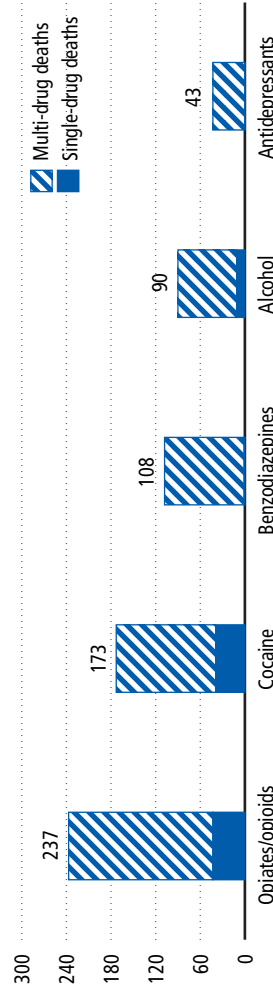
* Indicates area featured in Spotlight section.



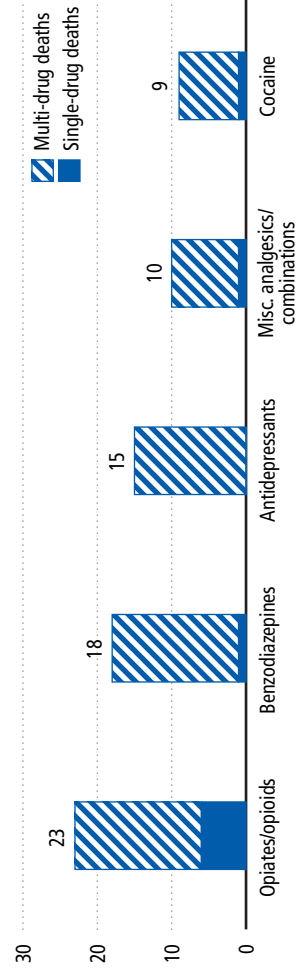
Place of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Health care facility	78	Health care facility	6
Home	166	Home	34
Public place	34	Public place	--
Other	54	Other	7
Not documented	0	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

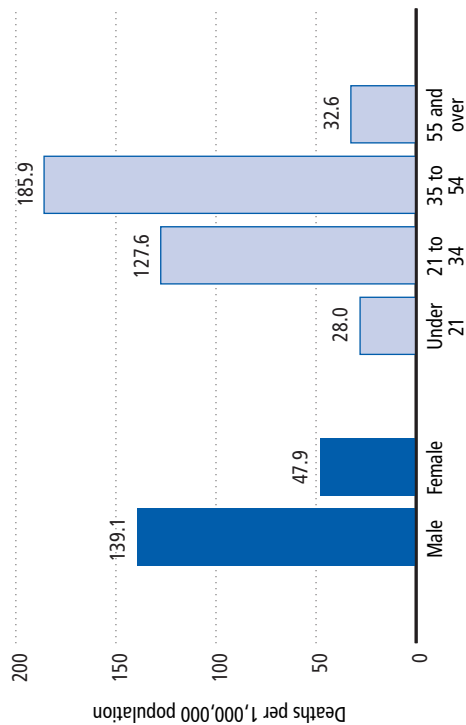


Top 5 drugs involved: Suicide deaths, 2004

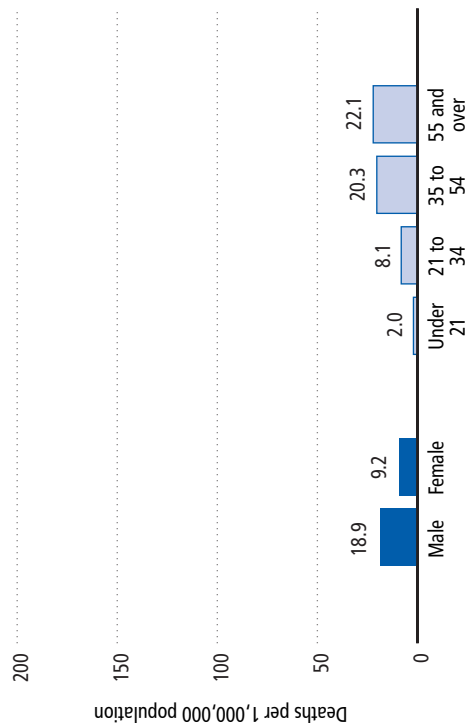


-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	316	Any drug-related cause	48
Abuse	30	Abuse	--
Drug or alcohol	316	Drug or alcohol	48
Toxic effects	282	Toxic effects	48
Body systems (includes infections)	69	Body systems (includes infections)	6
Accidents and injuries	26	Accidents and injuries	8

Drug-related deaths by drug category, 2003-2004

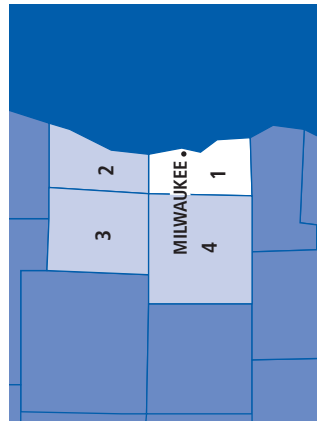
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	332	100	50	14
Alcohol ²	90	11	8	--
Cocaine	173	39	9	--
Marijuana	7	0	0	0
Stimulants	5	--	0	0
Club drugs ³	9	0	0	0
Hallucinogens ⁴	0	0	0	0
Inhalants	0	0	0	0
Antidepressants	43	0	15	0
Antipsychotics	7	0	7	--
Benzodiazepines	108	--	18	--
Misc. anxiolytics, sedatives, and hypnotics	21	0	5	0
Opiates/opioids	237	46	23	6
Heroin (specified)	64	9	--	0
Methadone	78	22	--	--
All other opiates/opioids	121	15	20	5
Nonsteroidal anti-inflammatory agents	--	0	0	0
Salicylates/combinations	0	0	4	--
Misc. analgesics/combinations	17	--	10	--
Anticonvulsants	5	0	--	0
Muscle relaxants	7	0	--	0

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

Milwaukee-Waukesha-West Allis, WI



Deaths reported to DAWN
 Drug misuse 148
 Suicide 30

Metro area population, 2004
 1,515,738

Population covered by DAWN
 928,018

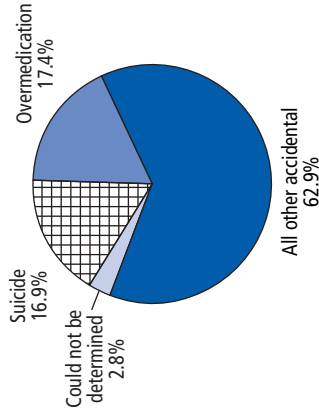
Percent of population covered
 by DAWN
 61%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (1)	148	159.5	30	32.3	928,018
1. Milwaukee County, WI	148	159.5	30	32.3	928,018
2. Ozaukee County, WI					86,025
3. Washington County, WI					124,502
4. Waukesha County, WI					377,193

Shaded areas did not participate in DAWN this year. ¹Deaths per 1,000,000 population.

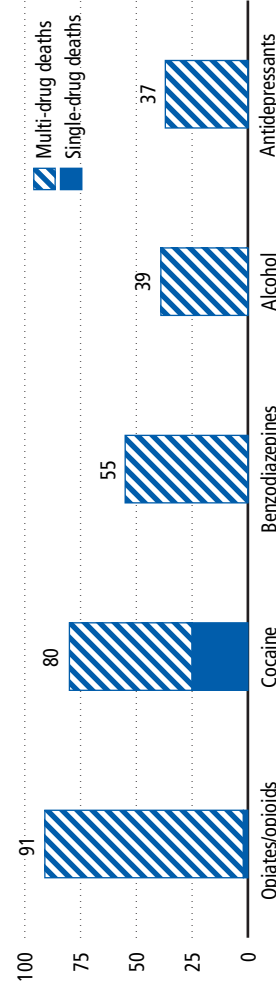
Deaths by case type, 2004



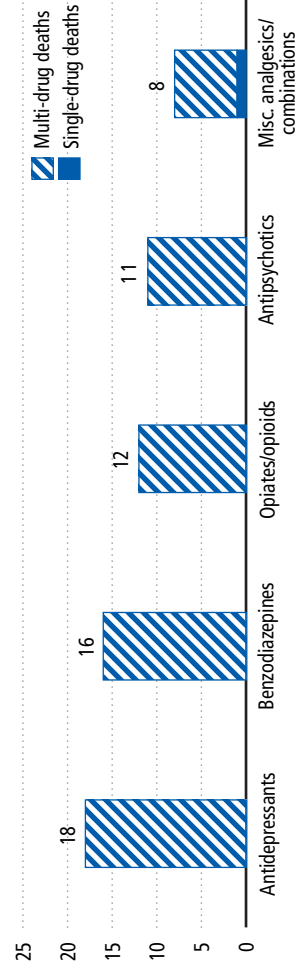
Place of death, 2004

Drug misuse		Suicide	
Place of death	Deaths	Place of death	Deaths
Health care facility	24	Health care facility	4
Home	93	Home	20
Public place	8	Public place	--
Other	22	Other	4
Not documented	--	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

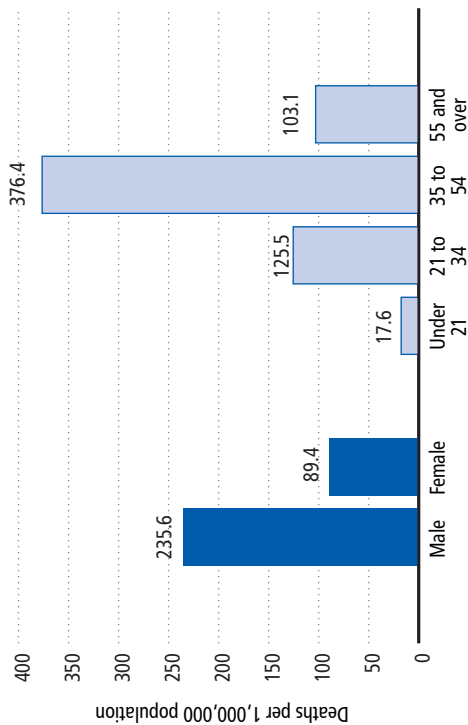


Top 5 drugs involved: Suicide deaths, 2004

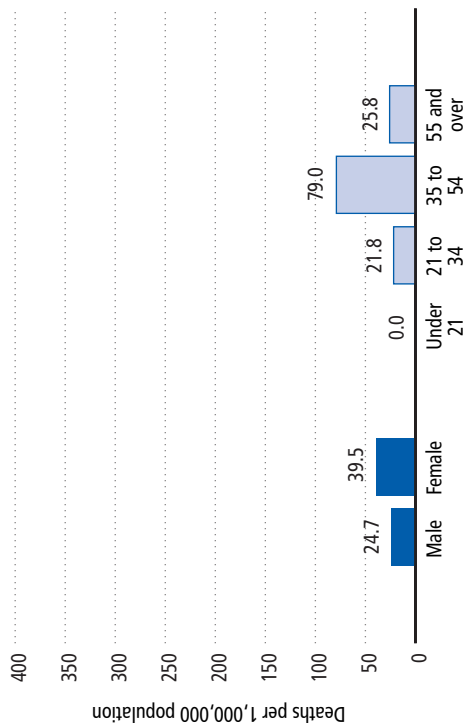


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	148	Any drug-related cause	29
Abuse	--	Abuse	0
Drug or alcohol	148	Drug or alcohol	29
Toxic effects	127	Toxic effects	29
Body systems (includes infections)	25	Body systems (includes infections)	--
Accidents and injuries	0	Accidents and injuries	--

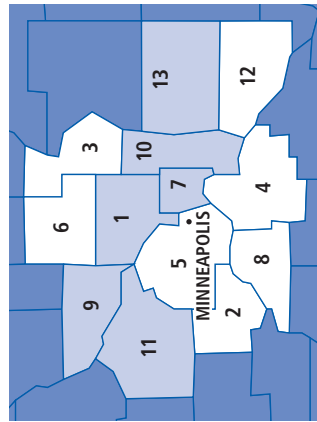
Drug-related deaths by drug category, 2003-2004

Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	134	148	19	30
Alcohol ²	39	39	8	8
Cocaine	75	80	0	--
Marijuana	--	--	0	0
Stimulants	0	0	0	0
Club drugs ³	0	0	0	0
Hallucinogens ⁴	0	0	0	0
Inhalants	0	0	--	0
Antidepressants	29	37	9	18
Antipsychotics	9	11	4	11
Benzodiazepines	39	55	6	16
Misc. anxiolytics, sedatives, and hypnotics	18	23	--	4
Opiates/opioids	89	91	5	12
Heroin (specified)	12	12	0	0
Methadone	19	39	0	--
All other opiates/opioids	73	60	5	12
Nonsteroidal anti-inflammatory agents	5	0	--	--
Salicylates/combinations	--	--	--	--
Misc. analgesics/combinations	19	12	8	8
Anticonvulsants	10	11	--	--
Muscle relaxants	4	9	--	4

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

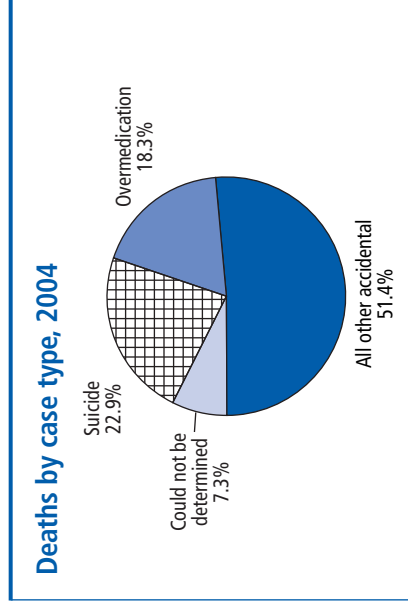


Deaths reported to DAWN
 Drug misuse 84
 Suicide 25

Metro area population, 2004
 3,116,206

Population covered by DAWN
 1,820,108

Percent of population covered by DAWN
 58%



Place of death	Deaths
Health care facility	19
Home	39
Public place	6
Other	19
Not documented	--

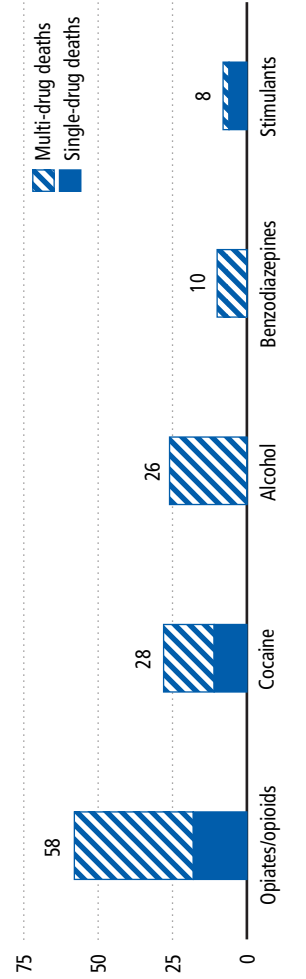
Place of death	Deaths
Health care facility	--
Home	21
Public place	--
Other	--
Not documented	0

Metro area overview: Deaths and population by county, 2004

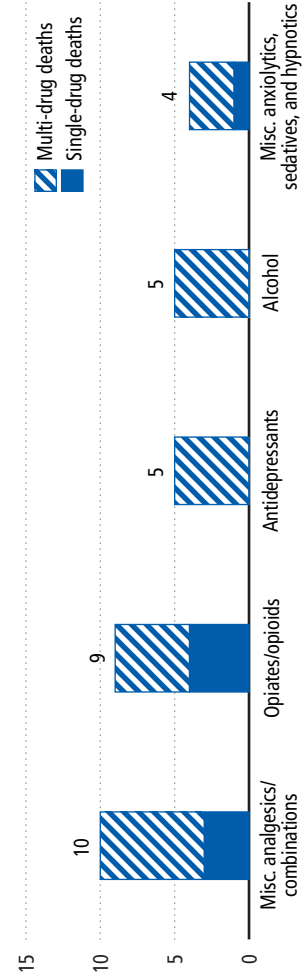
Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (7)	84	46.2	25	13.7	1,820,108
1. Anoka County, MN					319,950
2. Carver County, MN	0	0.0	0	0.0	82,122
3. Chisago County, MN	2	41.4	0	0.0	48,349
4. Dakota County, MN	10	26.4	6	15.8	379,058
5. Hennepin County, MN*	68	60.7	18	16.1	1,120,897
6. Isanti County, MN	1	27.4	0	0.0	36,546
7. Ramsey County, MN					499,498
8. Scott County, MN	2	17.4	1	8.7	114,794
9. Sherburne County, MN					78,762
10. Washington County, MN					216,660
11. Wright County, MN					106,889
12. Pierce County, WI	1	26.1	0	0.0	38,342
13. St. Croix County, WI					74,339

Shaded areas did not participate in DAWN this year.
¹Deaths per 1,000,000 population.
 * Indicates area featured in Spotlight section.

Top 5 drugs involved: Drug misuse deaths, 2004

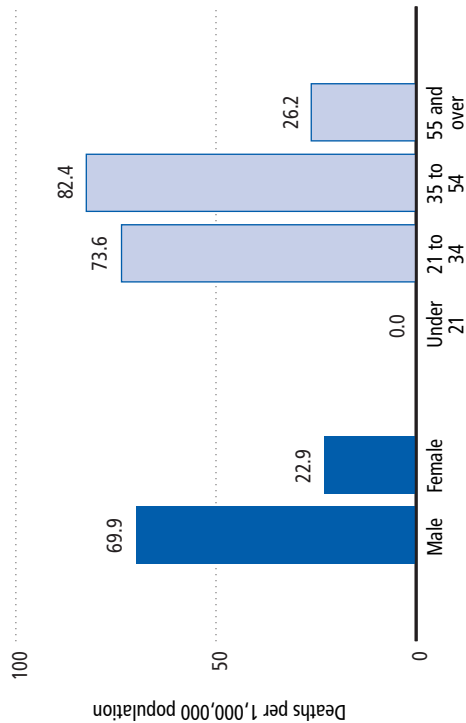


Top 5 drugs involved: Suicide deaths, 2004

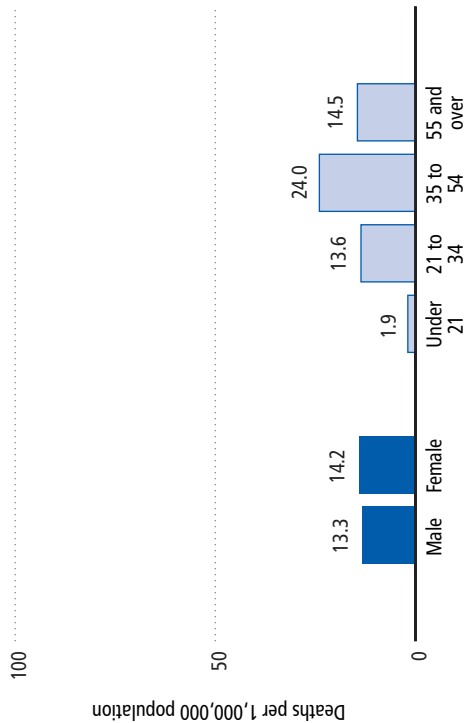


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	79	Any drug-related cause	22
Abuse	0	Abuse	0
Drug or alcohol	79	Drug or alcohol	22
Toxic effects	76	Toxic effects	22
Body systems (includes infections)	12	Body systems (includes infections)	--
Accidents and injuries	--	Accidents and injuries	4

Drug-related deaths by drug category, 2003-2004

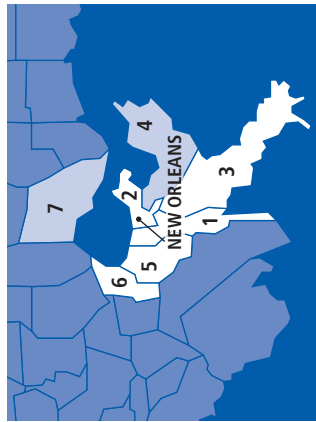
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	84	38	25	10
Alcohol ²	26	0	5	0
Cocaine	28	11	--	0
Marijuana	0	0	--	0
Stimulants	8	6	0	0
Club drugs ³	--	--	0	0
Hallucinogens ⁴	--	0	0	0
Inhalants	0	0	0	0
Antidepressants	--	0	5	0
Antipsychotics	0	0	4	--
Benzodiazepines	10	0	4	0
Misc. anxiolytics, sedatives, and hypnotics	0	0	4	--
Opiates/opioids	58	18	9	4
Heroin (specified)	9	--	0	0
Methadone	15	4	0	0
All other opiates/opioids	37	11	9	4
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	--	--	0	0
Misc. analgesics/combinations	4	0	10	--
Anticonvulsants	0	0	0	0
Muscle relaxants	0	0	0	0

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

New Orleans-Metairie-Kenner, LA



Deaths reported to DAWN
 Drug misuse 237
 Suicide 17

Metro area population, 2004
 1,319,589

Population covered by DAWN
 1,040,482

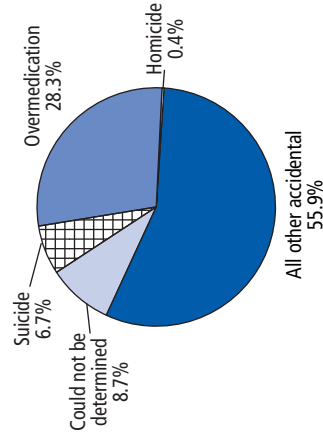
Percent of population covered
 by DAWN
 79%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (5)	237	227.8	17	16.3	1,040,482
1. Jefferson Parish, LA*	132	291.0	12	26.5	453,590
2. Orleans Parish, LA*	87	188.2	4	8.7	462,269
3. Plaquemines Parish, LA	3	103.6	1	34.5	28,969
4. St. Bernard Parish, LA	9	179.7	0	0.0	65,554
5. St. Charles Parish, LA	6	131.6	0	0.0	50,073
6. St. John the Baptist Parish, LA	6	131.6	0	0.0	45,581
7. St. Tammany Parish, LA	6	131.6	0	0.0	213,553

Shaded areas did not participate in DAWN this year.
¹Deaths per 1,000,000 population.
 * Indicates area featured in Spotlight section.

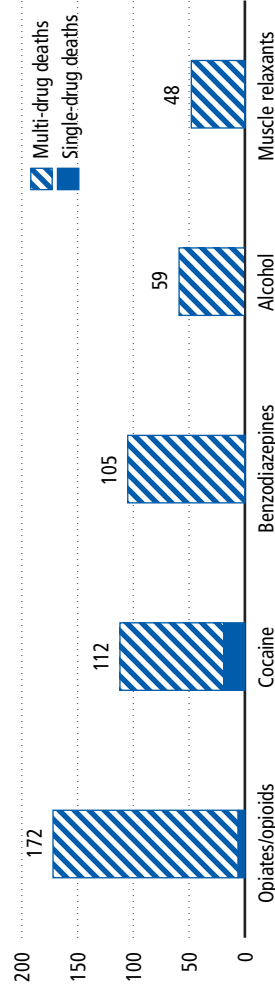
Deaths by case type, 2004



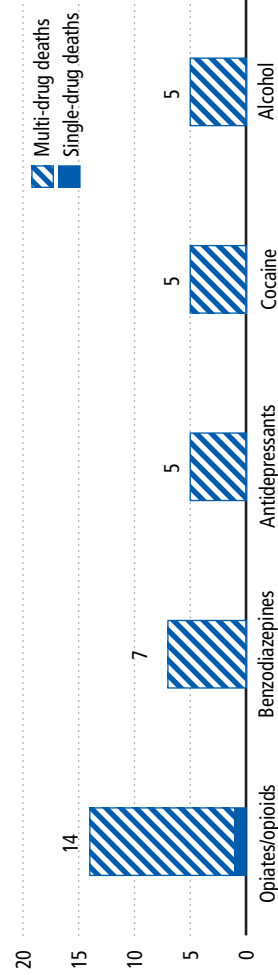
Place of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Health care facility	75	Health care facility	--
Home	112	Home	10
Public place	8	Public place	--
Other	41	Other	--
Not documented	--	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

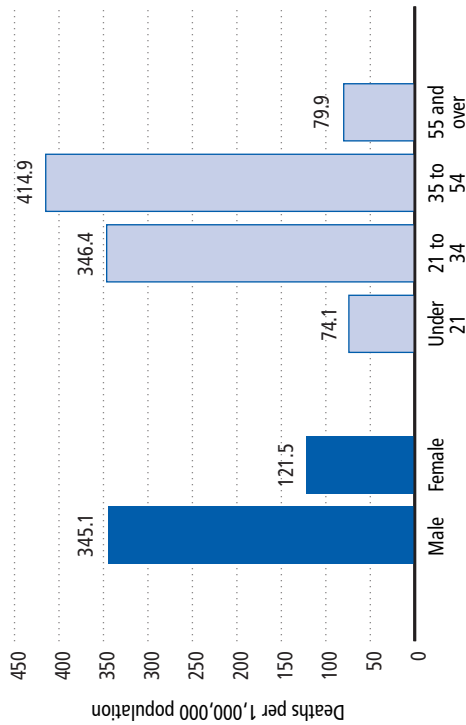


Top 5 drugs involved: Suicide deaths, 2004

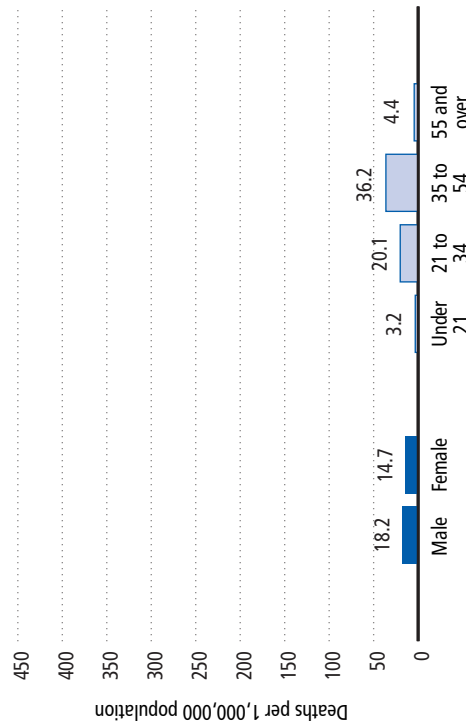


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	229	Any drug-related cause	16
Abuse	60	Abuse	--
Drug or alcohol	229	Drug or alcohol	16
Toxic effects	127	Toxic effects	10
Body systems (includes infections)	127	Body systems (includes infections)	7
Accidents and injuries	32	Accidents and injuries	7

Drug-related deaths by drug category, 2003-2004

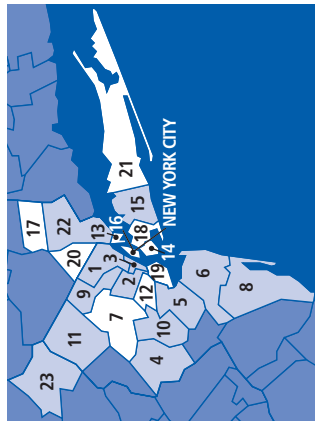
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	237	25	17	--
Alcohol ²	59	0	5	--
Cocaine	112	19	5	--
Marijuana	47	0	4	--
Stimulants	9	0	--	--
Club drugs ³	14	0	0	--
Hallucinogens ⁴	0	0	0	--
Inhalants	0	0	0	--
Antidepressants	18	0	5	--
Antipsychotics	--	0	0	--
Benzodiazepines	105	0	7	--
Misc. anxiolytics, sedatives, and hypnotics	44	0	--	--
Opiates/opioids	172	6	14	--
Heroin (specified)	4	0	0	--
Methodone	83	4	--	--
All other opiates/opioids	128	--	14	--
Nonsteroidal anti-inflammatory agents	--	0	0	--
Salicylates/combinations	0	0	0	--
Misc. analgesics/combinations	12	0	--	--
Anticonvulsants	--	0	0	--
Muscle relaxants	48	0	--	--

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

New York-Newark-Edison, NY-NJ-PA



Deaths reported to DAWN
 Drug misuse 1,053
 Suicide 85

Metro area population, 2004
 18,709,802

Population covered by DAWN
 10,993,893

Percent of population covered by DAWN
 59%

Metro area overview: Deaths and population by county, 2004

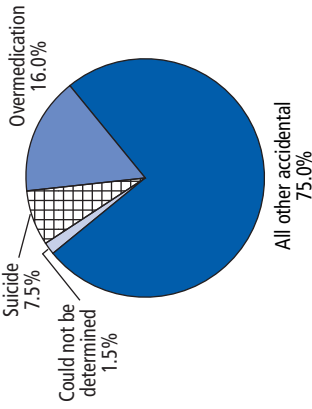
Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (10)	1,053	95.8	85	7.7	10,993,893
1. Bergen County, NJ					902,998
2. Essex County, NJ					796,684
3. Hudson County, NJ					606,240
4. Hunterdon County, NJ					129,746
5. Middlesex County, NJ					785,095
6. Monmouth County, NJ					636,298
7. Morris County, NJ	32	65.6	3	6.1	488,173
8. Ocean County, NJ					553,251
9. Passaic County, NJ					500,427
10. Somerset County, NJ					316,750
11. Sussex County, NJ					152,218
12. Union County, NJ	41	77.1	1	1.9	531,957
13. Bronx County, NY*	226	165.5	6	4.4	1,365,536
14. Kings County, NY*	199	80.4	9	3.6	2,475,290
15. Nassau County, NY					1,339,641
16. New York County, NY*	239	152.9	23	14.7	1,562,723
17. Putnam County, NY	8	79.5	2	19.9	100,570
18. Queens County, NY*	134	59.9	12	5.4	2,237,216
19. Richmond County, NY	29	62.6	1	2.2	463,314
20. Rockland County, NY	10	34.1	3	10.2	293,626
21. Suffolk County, NY*	135	91.5	25	16.9	1,475,488
22. Westchester County, NY					942,444
23. Pike County, PA					54,117

¹Deaths per 1,000,000 population.

Shaded areas did not participate in DAWN this year.

* Indicates area featured in Spotlight section.

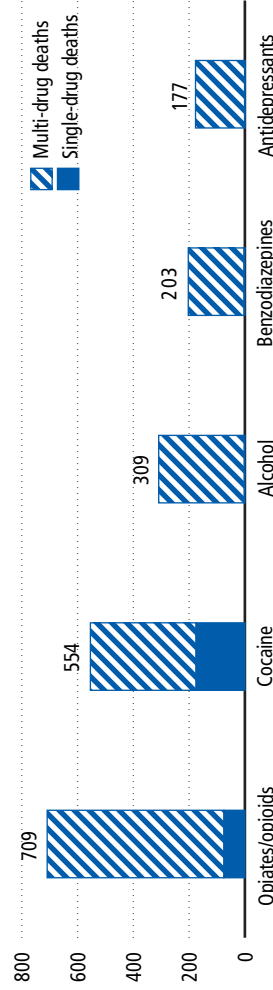
Deaths by case type, 2004



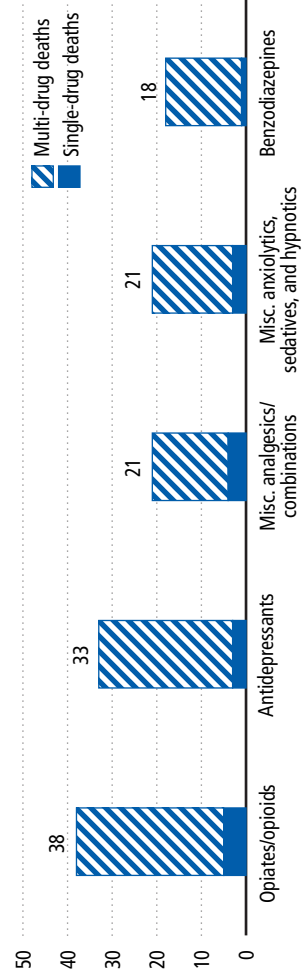
Place of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Health care facility	318	Health care facility	18
Home	595	Home	57
Public place	38	Public place	5
Other	88	Other	5
Not documented	14	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

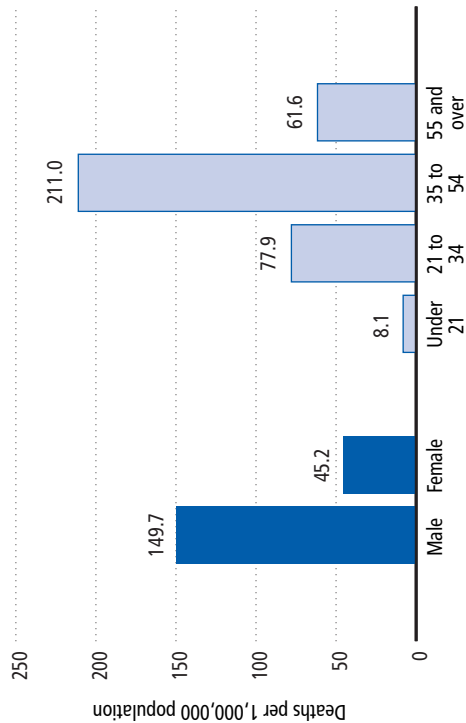


Top 5 drugs involved: Suicide deaths, 2004

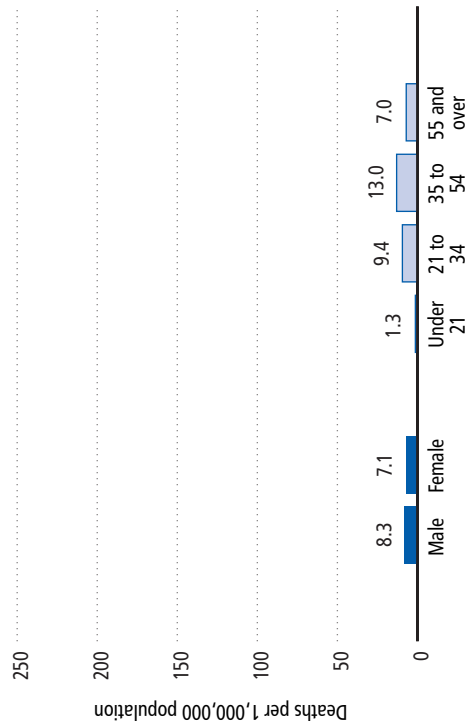


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	1,033	Any drug-related cause	79
Abuse	161	Abuse	--
Drug or alcohol	1,026	Drug or alcohol	79
Toxic effects	861	Toxic effects	75
Body systems (includes infections)	197	Body systems (includes infections)	7
Accidents and injuries	32	Accidents and injuries	13

Drug-related deaths by drug category, 2003-2004

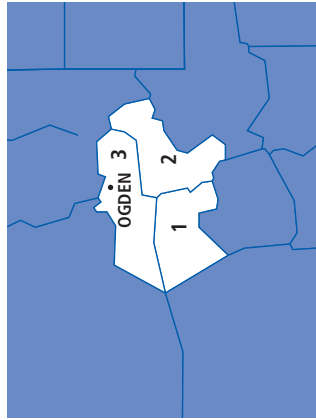
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	1,053	269	85	20
Alcohol ²	309	--	13	0
Cocaine	554	175	11	0
Marijuana	37	--	--	0
Stimulants	--	0	0	0
Club drugs ³	5	0	0	0
Hallucinogens ⁴	14	--	--	0
Inhalants	18	--	--	--
Antidepressants	177	--	33	--
Antipsychotics	52	0	14	0
Benzodiazepines	203	--	18	--
Misc. anxiolytics, sedatives, and hypnotics	107	--	21	--
Opiates/opioids	709	76	38	5
Heroin (specified)	91	14	--	--
Methadone	244	23	9	0
All other opiates/opioids	476	39	31	4
Nonsteroidal anti-inflammatory agents	5	0	0	0
Salicylates/combinations	--	0	--	--
Misc. analgesics/combinations	64	--	21	4
Anticonvulsants	17	0	9	0
Muscle relaxants	19	--	5	0

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

Ogden-Clearfield, UT



Deaths reported to DAWN
Drug misuse 57
Suicide 13

Metro area population, 2004
477,455

Population covered by DAWN
477,455

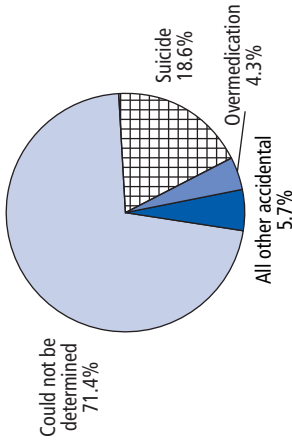
Percent of population covered by DAWN
100%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (3)	57	119.4	13	27.2	477,455
1. Davis County, UT	24	91.9	5	19.1	261,208
2. Morgan County, UT	0	0.0	1	131.3	7,614
3. Weber County, UT	33	158.2	7	33.6	208,633

¹ Deaths per 1,000,000 population.

Deaths by case type, 2004

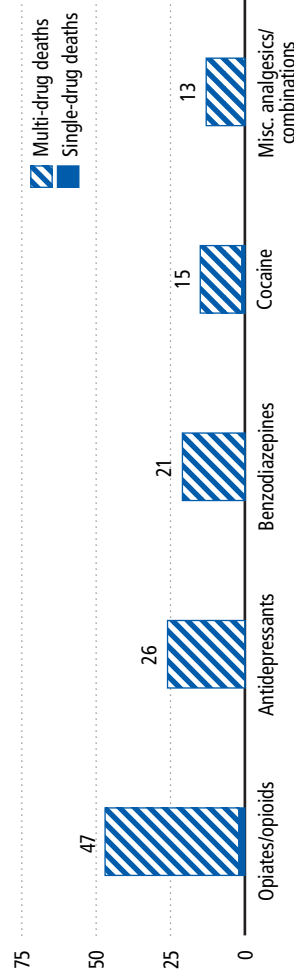


Place of death, 2004

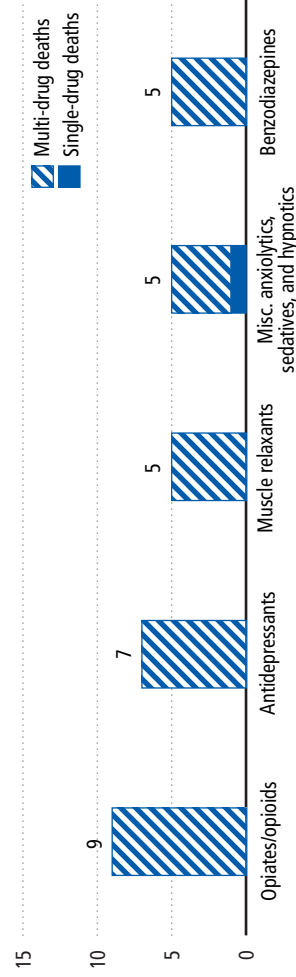
Drug misuse	Deaths
Health care facility	16
Home	39
Public place	--
Other	--
Not documented	0

Suicide	Deaths
Health care facility	--
Home	9
Public place	0
Other	--
Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

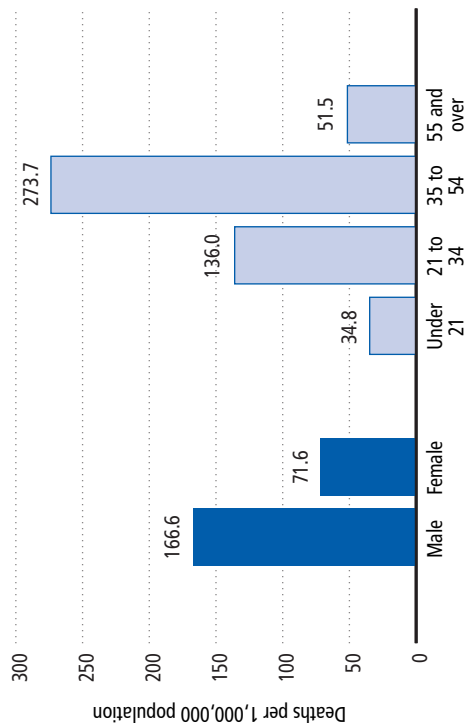


Top 5 drugs involved: Suicide deaths, 2004

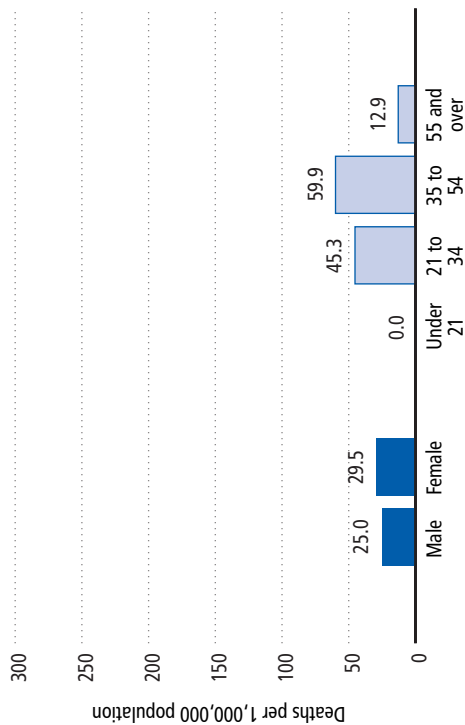


-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	57	Any drug-related cause	13
Abuse	--	Abuse	0
Drug or alcohol	57	Drug or alcohol	13
Toxic effects	54	Toxic effects	13
Body systems (includes infections)	5	Body systems (includes infections)	--
Accidents and injuries	--	Accidents and injuries	0

Drug-related deaths by drug category, 2003-2004

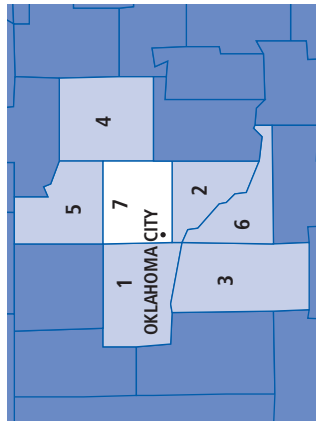
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Single-drug deaths, 2004	Deaths, 2004
ALL DRUGS	43	57	--	4
Alcohol ²	12	6	--	--
Cocaine	8	15	--	--
Marijuana	--	9	--	--
Stimulants	13	10	--	0
Club drugs ³	--	0	--	0
Hallucinogens ⁴	0	--	--	0
Inhalants	--	0	--	0
Antidepressants	10	26	--	7
Antipsychotics	0	--	--	--
Benzodiazepines	13	21	--	5
Misc. anxiolytics, sedatives, and hypnotics	14	11	--	5
Opiates/opioids	32	47	--	9
Heroin (specified)	--	--	--	0
Methadone	11	23	--	--
All other opiates/opioids	24	31	--	6
Nonsteroidal anti-inflammatory agents	0	0	--	0
Salicylates/combinations	--	--	--	--
Misc. analgesics/combinations	6	13	--	--
Anticonvulsants	--	--	--	--
Muscle relaxants	7	6	--	5

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

Oklahoma City, OK



Deaths reported to DAWN
Drug misuse 134
Suicide 30

Metro area population, 2004
1,144,327

Population covered by DAWN
680,815

Percent of population covered by DAWN
59%

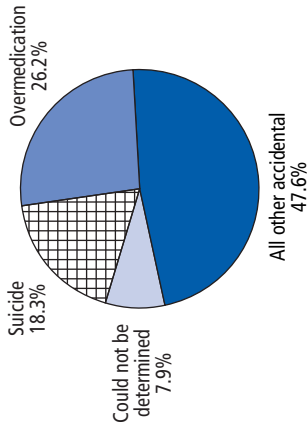
Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (1)	134	196.8	30	44.1	680,815
1. Canadian County, OK					95,505
2. Cleveland County, OK					222,074
3. Grady County, OK					48,176
4. Lincoln County, OK					32,386
5. Logan County, OK					36,301
6. McClain County, OK					29,070
7. Oklahoma County, OK	134	196.8	30	44.1	680,815

Shaded areas did not participate in DAWN this year.

¹Deaths per 1,000,000 population.

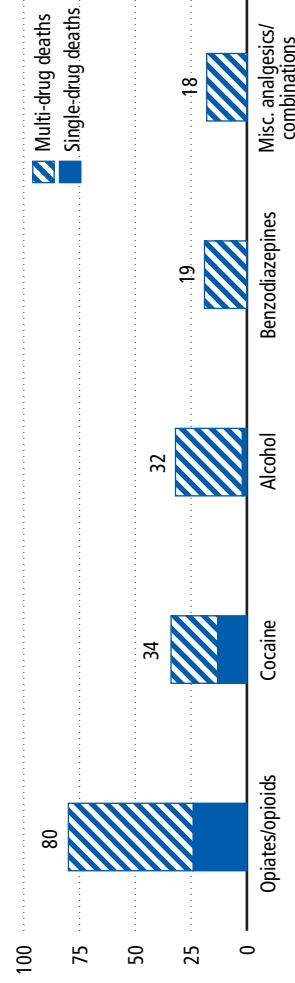
Deaths by case type, 2004



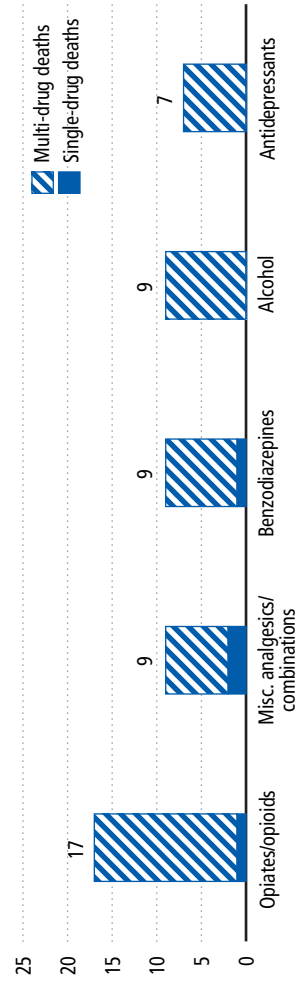
Place of death, 2004

Drug misuse		Suicide	
Place	Deaths	Place	Deaths
Health care facility	16	Health care facility	7
Home	86	Home	15
Public place	21	Public place	5
Other	11	Other	--
Not documented	0	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

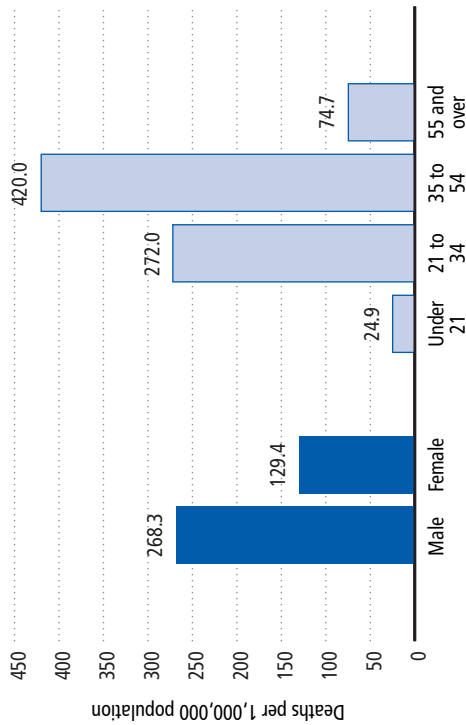


Top 5 drugs involved: Suicide deaths, 2004

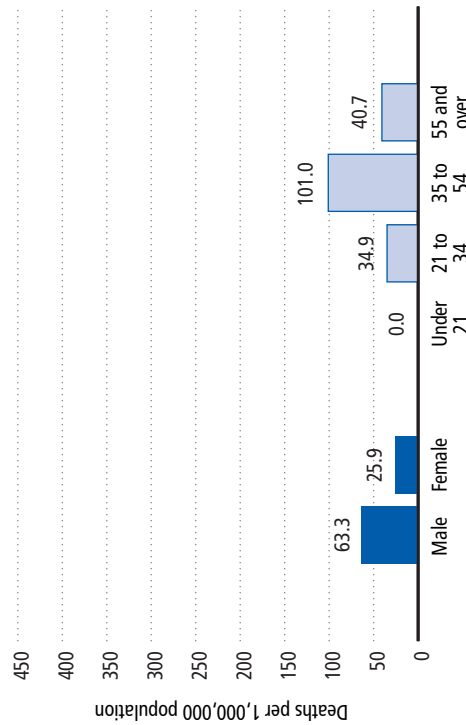


-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	131	Any drug-related cause	30
Abuse	28	Abuse	--
Drug or alcohol	116	Drug or alcohol	21
Toxic effects	92	Toxic effects	29
Body systems (includes infections)	8	Body systems (includes infections)	--
Accidents and injuries	19	Accidents and injuries	8

Drug-related deaths by drug category, 2003-2004

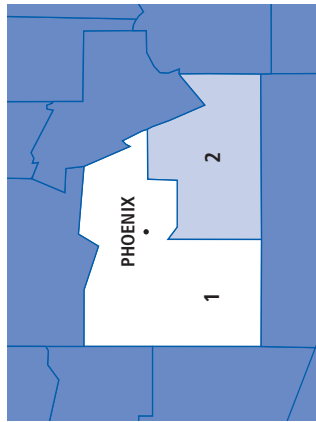
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	62	134	15	30
Alcohol ²	11	32	4	9
Cocaine	19	34	--	--
Marijuana	0	--	0	--
Stimulants	8	12	0	--
Club drugs ³	0	4	0	0
Hallucinogens ⁴	0	--	0	0
Inhalants	--	6	0	0
Antidepressants	11	15	4	7
Antipsychotics	--	--	0	--
Benzodiazepines	10	19	--	9
Misc. anxiolytics, sedatives, and hypnotics	4	8	--	6
Opiates/opioids	40	80	8	17
Heroin (specified)	--	--	0	0
Methadone	8	24	--	--
All other opiates/opioids	32	55	7	15
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	0	0	0	--
Misc. analgesics/combinations	5	18	--	9
Anticonvulsants	0	--	--	4
Muscle relaxants	7	12	--	4

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

Phoenix-Mesa-Scottsdale, AZ



Deaths reported to DAWN

Drug misuse 396
Suicide 67

Metro area population, 2004
3,715,360

Population covered by DAWN
3,501,001

Percent of population covered by DAWN
94%

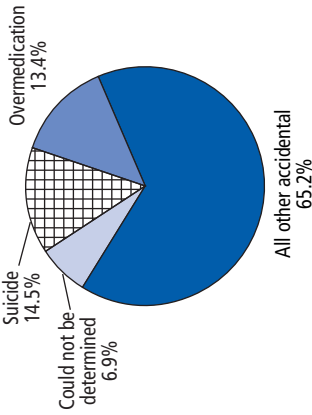
Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (1)	396	113.1	67	19.1	3,501,001
1. Maricopa County, AZ	396	113.1	67	19.1	3,501,001
2. Pinal County, AZ					214,359

Shaded areas did not participate in DAWN this year.

¹Deaths per 1,000,000 population.

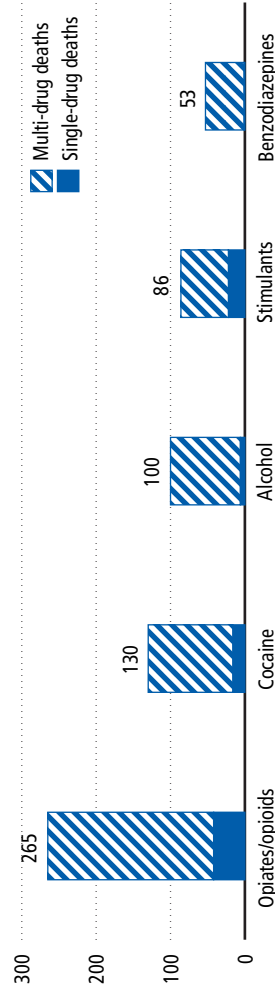
Deaths by case type, 2004



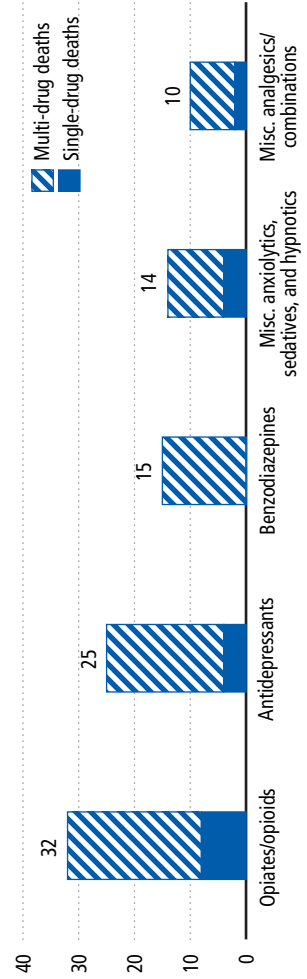
Place of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Health care facility	110	Health care facility	21
Home	198	Home	35
Public place	27	Public place	--
Other	54	Other	9
Not documented	7	Not documented	--

Top 5 drugs involved: Drug misuse deaths, 2004

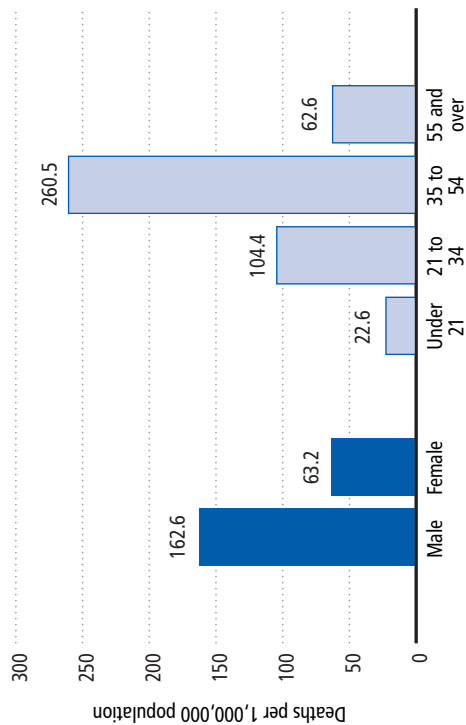


Top 5 drugs involved: Suicide deaths, 2004

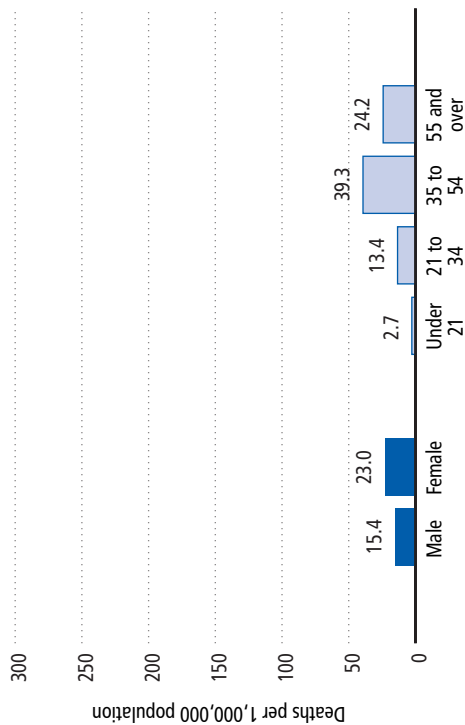


-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	388	Any drug-related cause	66
Abuse	126	Abuse	--
Drug or alcohol	388	Drug or alcohol	65
Toxic effects	351	Toxic effects	66
Body systems (includes infections)	24	Body systems (includes infections)	--
Accidents and injuries	11	Accidents and injuries	34

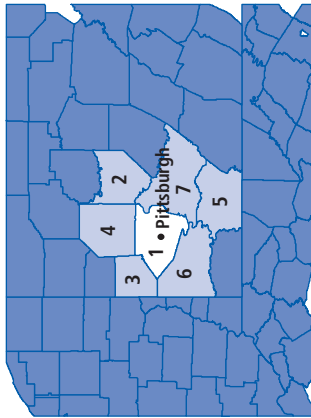
Drug-related deaths by drug category, 2003-2004

Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	389	396	102	67
Alcohol ²	110	100	31	10
Cocaine	130	130	14	--
Marijuana	0	7	0	0
Stimulants	104	86	18	4
Club drugs ³	0	0	--	0
Hallucinogens ⁴	--	--	0	0
Inhalants	--	--	0	0
Antidepressants	25	39	10	25
Antipsychotics	5	5	--	--
Benzodiazepines	54	53	20	15
Misc. anxiolytics, sedatives, and hypnotics	22	17	11	14
Opiates/opioids	227	265	35	32
Heroin (specified)	13	65	0	--
Methadone	52	64	--	5
All other opiates/opioids	181	164	32	26
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	--	0	4	--
Misc. analgesics/combinations	6	16	14	10
Anticonvulsants	4	--	4	--
Muscle relaxants	10	12	--	--

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.



Deaths reported to DAWN

Drug misuse 211
Suicide 27

Metro area population, 2004

2,401,575

Population covered by DAWN

1,250,867

Percent of population covered by DAWN 52%

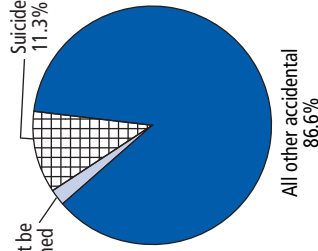
Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (1)	211	168.7	27	21.6	1,250,867
1. Allegheny County, PA	211	168.7	27	21.6	1,250,867
2. Armstrong County, PA					71,395
3. Beaver County, PA					178,601
4. Butler County, PA					180,663
5. Fayette County, PA					145,651
6. Washington County, PA					205,738
7. Westmoreland County, PA					368,660

Shaded areas did not participate in DAWN this year.

¹Deaths per 1,000,000 population.

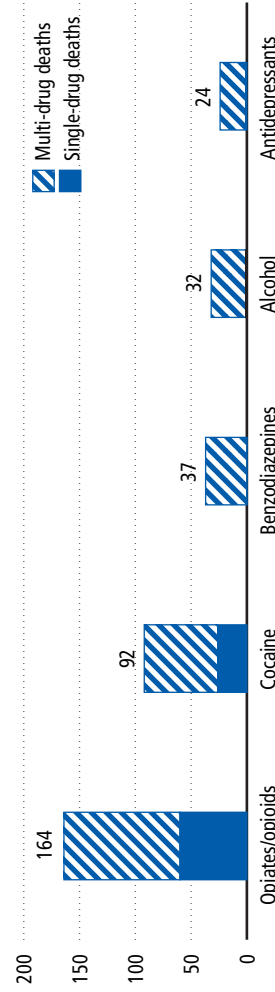
Deaths by case type, 2004



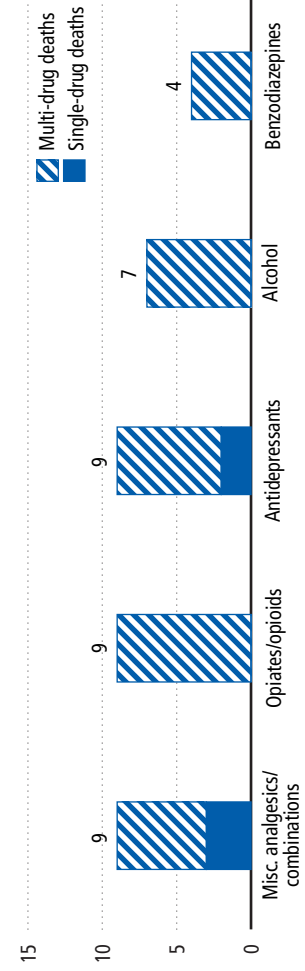
Place of death, 2004

Drug misuse		Suicide	
Place of death	Deaths	Place of death	Deaths
Health care facility	67	Health care facility	7
Home	119	Home	19
Public place	5	Public place	0
Other	20	Other	--
Not documented	0	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

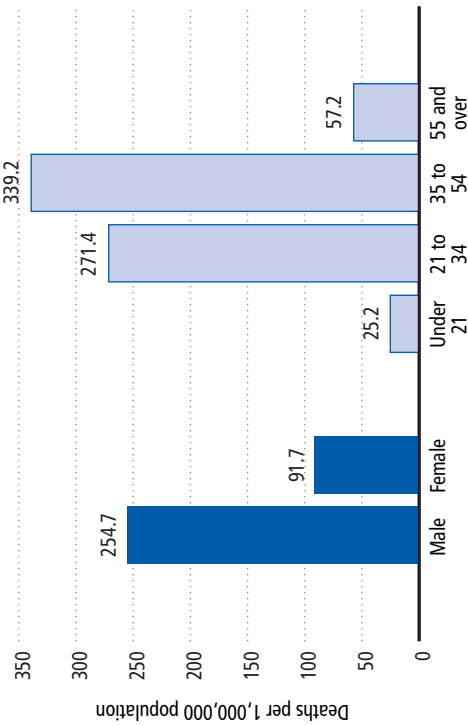


Top 5 drugs involved: Suicide deaths, 2004

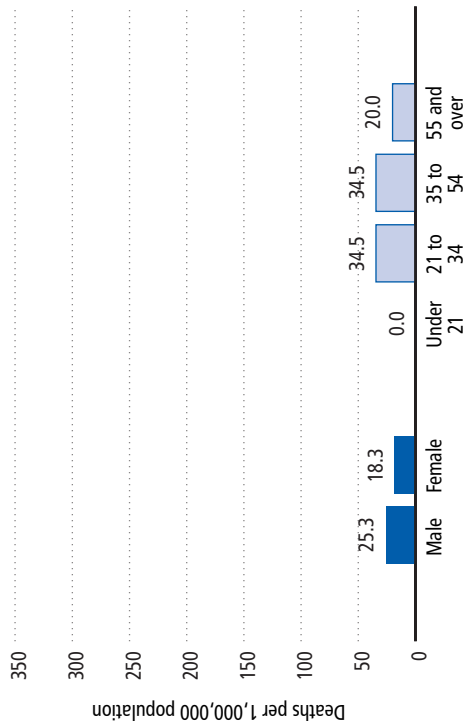


-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	203	Any drug-related cause	25
Abuse	--	Abuse	0
Drug or alcohol	203	Drug or alcohol	25
Toxic effects	201	Toxic effects	25
Body systems (includes infections)	19	Body systems (includes infections)	--
Accidents and injuries	0	Accidents and injuries	--

Drug-related deaths by drug category, 2003-2004

Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Single-drug deaths, 2004	Deaths, 2004
ALL DRUGS		211	91	27
Alcohol ²		32	--	7
Cocaine		92	26	0
Marijuana		0	0	0
Stimulants		--	0	0
Club drugs ³		0	0	0
Hallucinogens ⁴		--	0	0
Inhalants		--	0	--
Antidepressants		24	--	9
Antipsychotics		6	--	--
Benzodiazepines		37	0	4
Misc. anxiolytics, sedatives, and hypnotics		9	--	--
Opiates/opioids		164	60	9
Heroin (specified)		79	42	0
Methodone		30	4	--
All other opiates/opioids		69	14	7
Nonsteroidal anti-inflammatory agents		0	0	0
Salicylates/combinations		0	0	--
Misc. analgesics/combinations		5	--	9
Anticonvulsants		--	0	--
Muscle relaxants		--	0	0

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

Portland-South Portland, ME



Deaths reported to DAWN
 Drug misuse 50
 Suicide 7

Metro area population, 2004
 510,791

Population covered by DAWN
 510,791

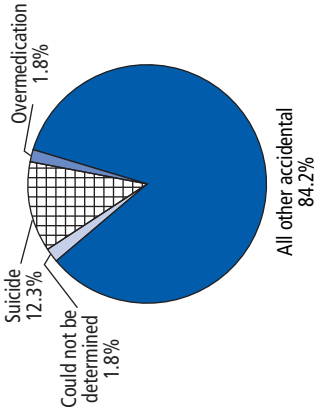
Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (3)	50	97.9	7	13.7	510,791
1. Cumberland County, ME	31	113.3	4	14.6	273,505
2. Sagadahoc County, ME	2	54.2	1	27.1	36,927
3. York County, ME	17	84.8	2	10.0	200,359

¹Deaths per 1,000,000 population.

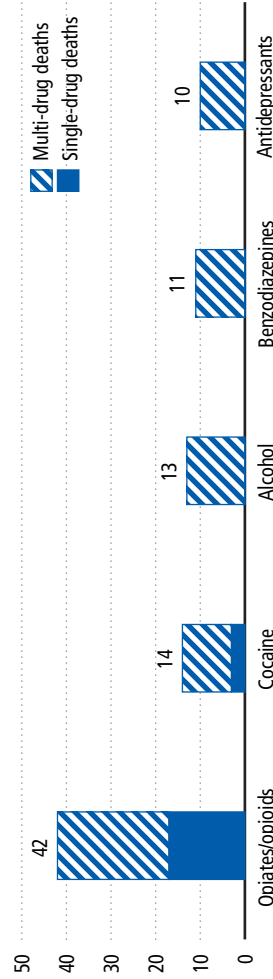
Deaths by case type, 2004



Place of death, 2004

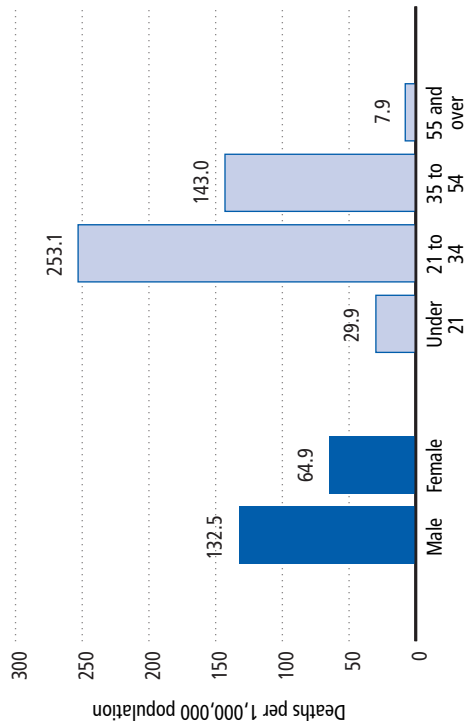
Drug misuse		Suicide	
Place of death	Deaths	Place of death	Deaths
Health care facility	13	Health care facility	0
Home	22	Home	4
Public place	--	Public place	--
Other	13	Other	--
Not documented	0	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

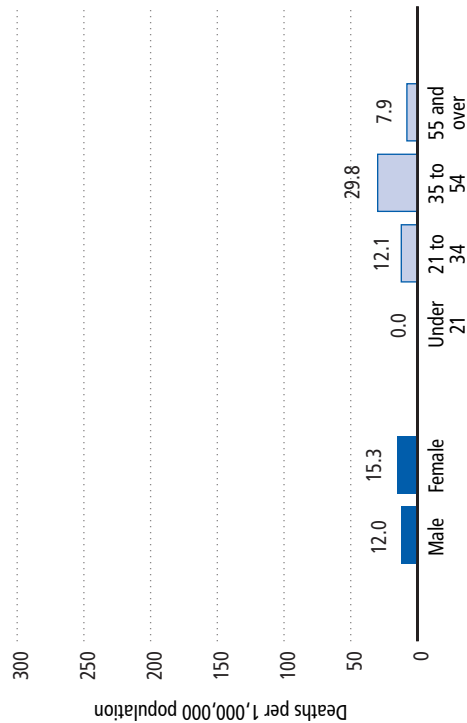


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	45	Any drug-related cause	5
Abuse	0	Abuse	0
Drug or alcohol	45	Drug or alcohol	5
Toxic effects	45	Toxic effects	5
Body systems (includes infections)	10	Body systems (includes infections)	--
Accidents and injuries	--	Accidents and injuries	--

Drug-related deaths by drug category, 2003-2004

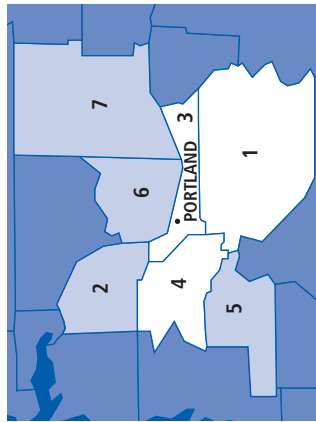
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	49	50	9	7
Alcohol ²	13	13	4	0
Cocaine	4	14	0	0
Marijuana	0	0	0	0
Stimulants	--	0	0	0
Club drugs ³	0	--	0	0
Hallucinogens ⁴	0	0	0	0
Inhalants	0	0	0	0
Antidepressants	11	10	--	--
Antipsychotics	--	--	--	--
Benzodiazepines	7	11	4	0
Misc. anxiolytics, sedatives, and hypnotics	0	--	--	--
Opiates/opioids	45	42	5	--
Heroin (specified)	--	--	0	0
Methadone	23	31	--	0
All other opiates/opioids	28	11	4	--
Nonsteroidal anti-inflammatory agents	0	0	--	0
Salicylates/combinations	0	0	--	0
Misc. analgesics/combinations	4	--	--	0
Anticonvulsants	--	--	--	0
Muscle relaxants	0	0	--	0

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

Portland-Vancouver-Beaverton, OR-WA



Deaths reported to DAWN
 Drug misuse 154
 Suicide 30

Metro area population, 2004
 2,064,336

Population covered by DAWN
 1,523,690

Percent of population covered by DAWN
 74%

Metro area overview: Deaths and population by county, 2004

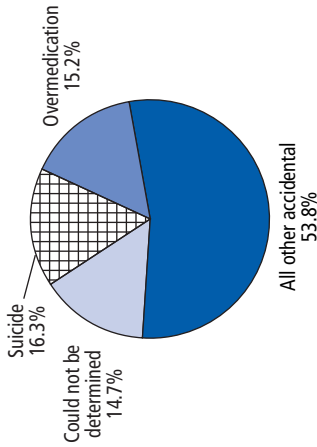
Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (3)	154	101.1	30	19.7	1,523,690
1. Clackamas County, OR	17	46.8	7	19.3	363,276
2. Columbia County, OR					46,971
3. Multnomah County, OR*	121	180.0	18	26.8	672,161
4. Washington County, OR	16	32.8	5	10.2	488,253
5. Yamhill County, OR					90,723
6. Clark County, WA					392,403
7. Skamania County, WA					10,549

Shaded areas did not participate in DAWN this year.

* Indicates area featured in Spotlight section.

¹Deaths per 1,000,000 population.

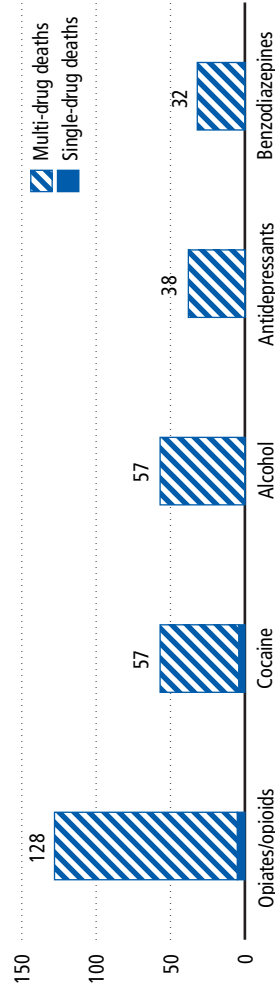
Deaths by case type, 2004



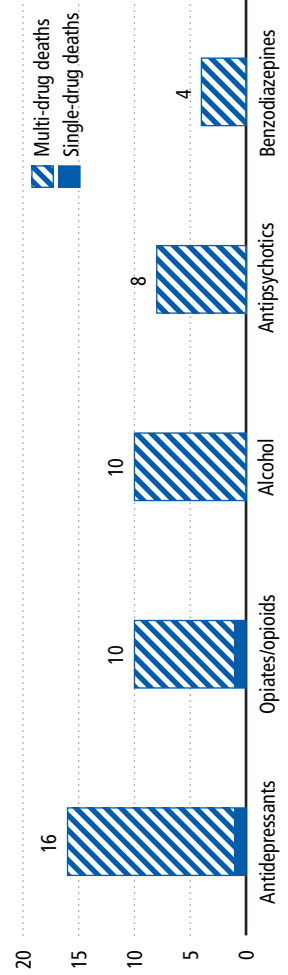
Place of death, 2004

Drug misuse		Suicide	
Place	Deaths	Place	Deaths
Health care facility	16	Health care facility	6
Home	101	Home	17
Public place	11	Public place	4
Other	25	Other	--
Not documented	--	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

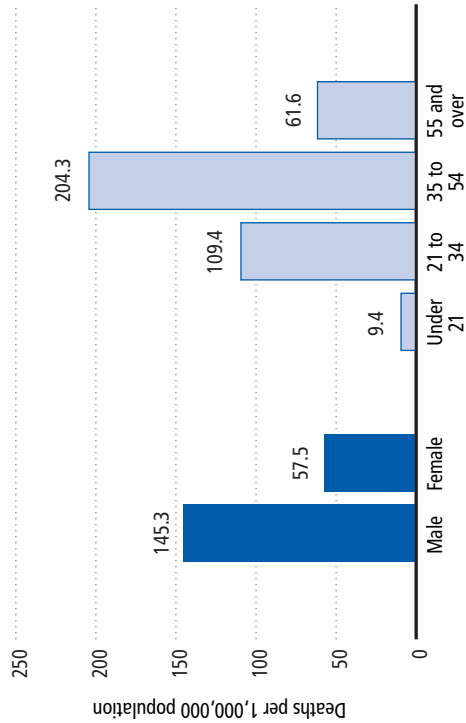


Top 5 drugs involved: Suicide deaths, 2004

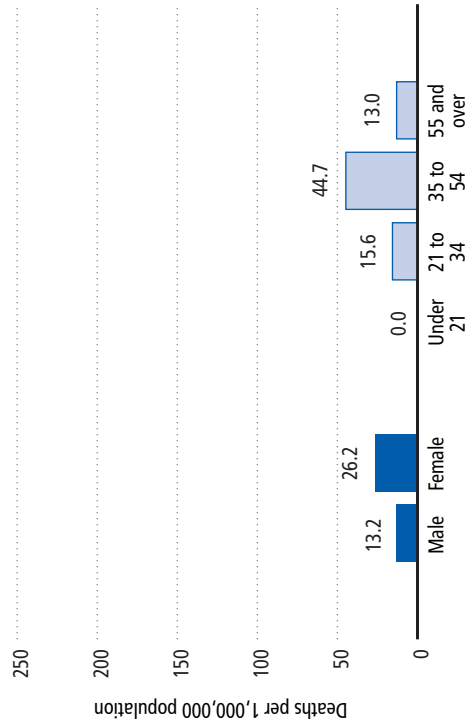


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	154	Any drug-related cause	30
Abuse	17	Abuse	0
Drug or alcohol	153	Drug or alcohol	30
Toxic effects	121	Toxic effects	30
Body systems (includes infections)	4	Body systems (includes infections)	--
Accidents and injuries	0	Accidents and injuries	--

Drug-related deaths by drug category, 2003-2004

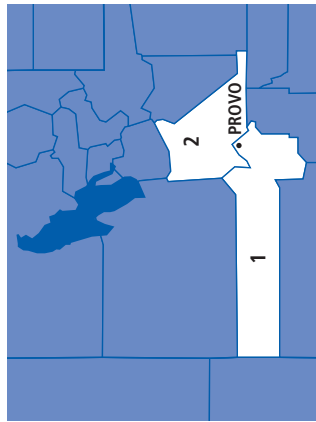
Drug category	Drug misuse			Suicide		
	Deaths, 2003	Deaths, 2004	Single-drug deaths, 2004	Deaths, 2003	Deaths, 2004	Single-drug deaths, 2004
ALL DRUGS	146	154	20	27	30	6
Alcohol ²	49	57	0	14	10	0
Cocaine	50	57	4	0	0	0
Marijuana	13	15	0	--	--	0
Stimulants	21	24	--	--	4	0
Club drugs ³	0	--	0	0	0	0
Hallucinogens ⁴	0	0	0	0	0	0
Inhalants	--	--	--	0	0	0
Antidepressants	40	38	0	14	16	--
Antipsychotics	6	--	0	4	8	0
Benzodiazepines	31	32	0	6	4	0
Misc. anxiolytics, sedatives, and hypnotics	12	15	0	5	--	0
Opiates/opioids	120	128	11	9	10	--
Heroin (specified)	39	65	6	0	0	0
Methodone	31	36	5	--	4	--
All other opiates/opioids	82	53	0	7	6	0
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	--	--	0	0	--	0
Misc. analgesics/combinations	--	5	--	--	--	--
Anticonvulsants	4	--	0	0	--	0
Muscle relaxants	4	4	0	--	--	--

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

Provo-Orem, UT



Deaths reported to DAWN
 Drug misuse 53
 Suicide 2

Metro area population, 2004
 412,361

Population covered by DAWN
 412,361

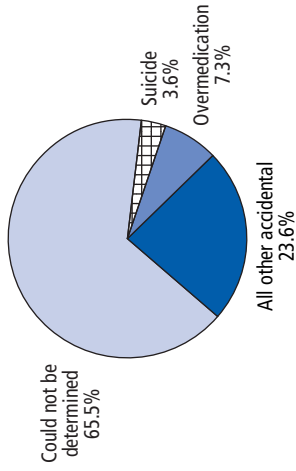
Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (2)	53	128.5	2	4.9	412,361
1. Juab County, UT	1	111.0	0	0.0	9,009
2. Utah County, UT	52	128.9	2	5.0	403,352

¹Deaths per 1,000,000 population.

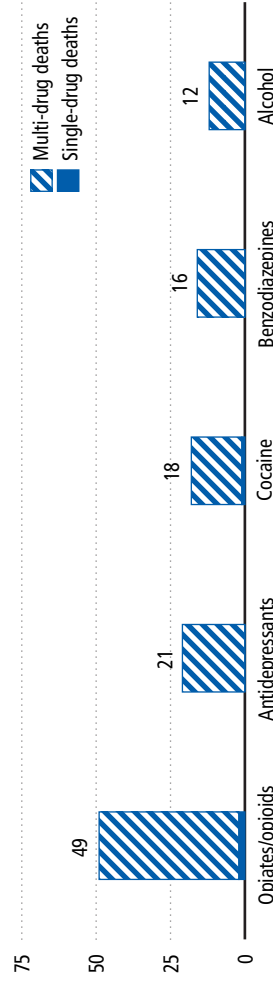
Deaths by case type, 2004



Place of death, 2004

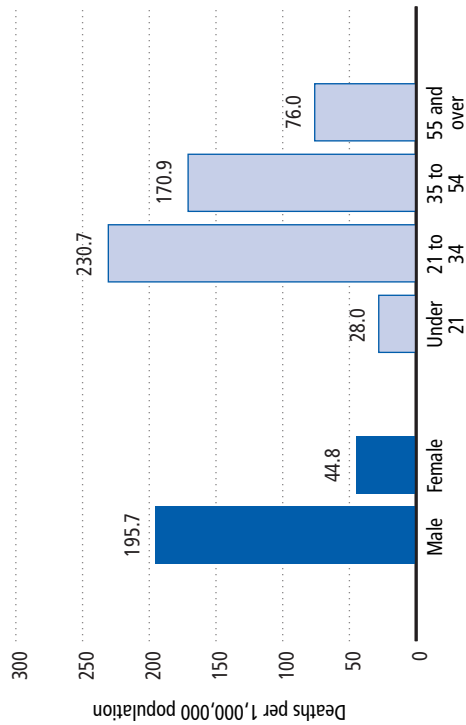
Drug misuse		Suicide	
Place	Deaths	Place	Deaths
Health care facility	19	Health care facility	0
Home	31	Home	--
Public place	--	Public place	0
Other	--	Other	0
Not documented	0	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

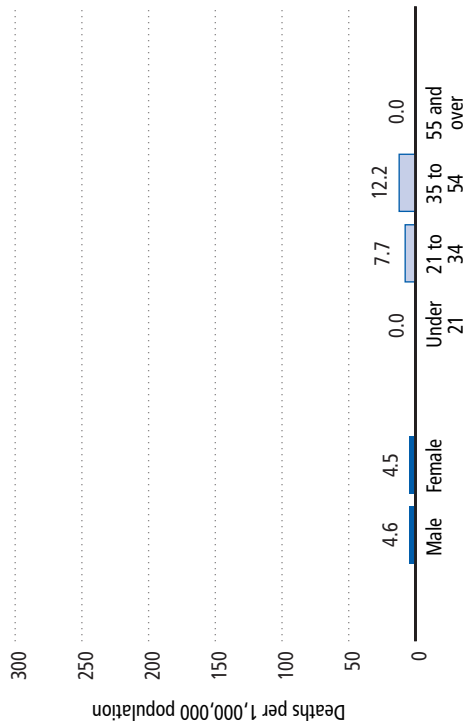


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	52	Any drug-related cause	--
Abuse	--	Abuse	0
Drug or alcohol	52	Drug or alcohol	--
Toxic effects	52	Toxic effects	--
Body systems (includes infections)	4	Body systems (includes infections)	0
Accidents and injuries	--	Accidents and injuries	0

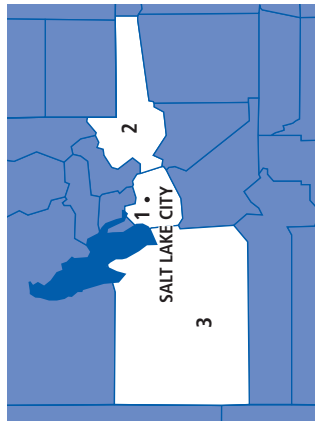
Drug-related deaths by drug category, 2003-2004

Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	52	53	--	--
Alcohol ²	7	12	--	--
Cocaine	12	18	--	--
Marijuana	--	8	--	--
Stimulants	7	7	--	--
Club drugs ³	0	0	--	--
Hallucinogens ⁴	0	0	--	--
Inhalants	0	0	--	--
Antidepressants	15	21	--	--
Antipsychotics	4	--	--	--
Benzodiazepines	20	16	--	--
Misc. anxiolytics, sedatives, and hypnotics	14	10	--	--
Opiates/opioids	50	49	--	--
Heroin (specified)	8	10	--	--
Methadone	12	16	--	--
All other opiates/opioids	38	31	--	--
Nonsteroidal anti-inflammatory agents	--	0	--	--
Salicylates/combinations	0	0	--	--
Misc. analgesics/combinations	--	--	--	--
Anticonvulsants	0	4	--	--
Muscle relaxants	11	5	--	--

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.



Deaths reported to DAWN
 Drug misuse 172
 Suicide 31

Metro area population, 2004
 1,018,826

Population covered by DAWN
 1,018,826

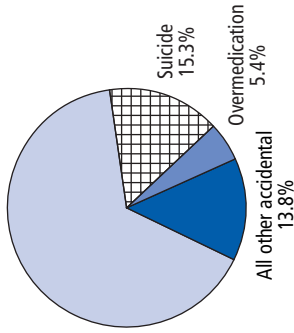
Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (3)	172	168.8	31	30.4	1,018,826
1. Salt Lake County, UT*	160	171.1	28	29.9	935,295
2. Summit County, UT	3	88.6	1	29.5	33,843
3. Tooele County, UT	9	181.1	2	40.3	49,688

* Indicates area featured in Spotlight section.
¹ Deaths per 1,000,000 population.

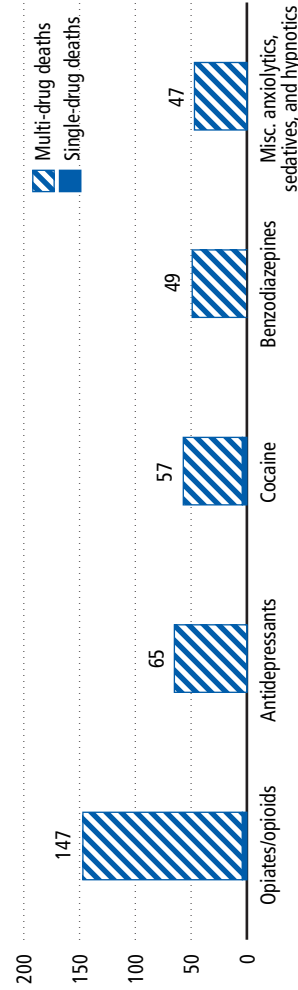
Deaths by case type, 2004



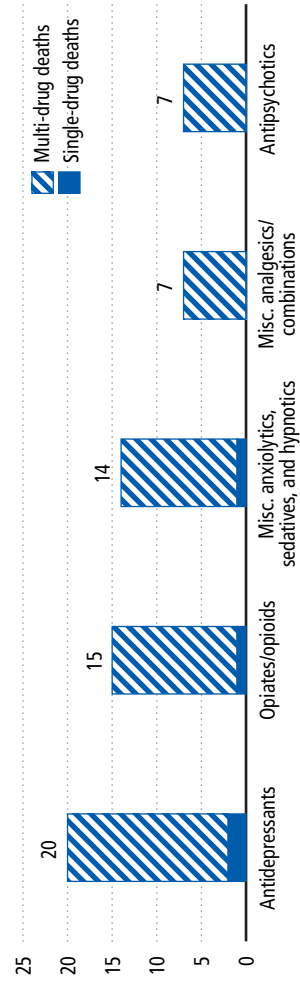
Place of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Health care facility	44	Health care facility	10
Home	113	Home	16
Public place	7	Public place	--
Other	8	Other	4
Not documented	0	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

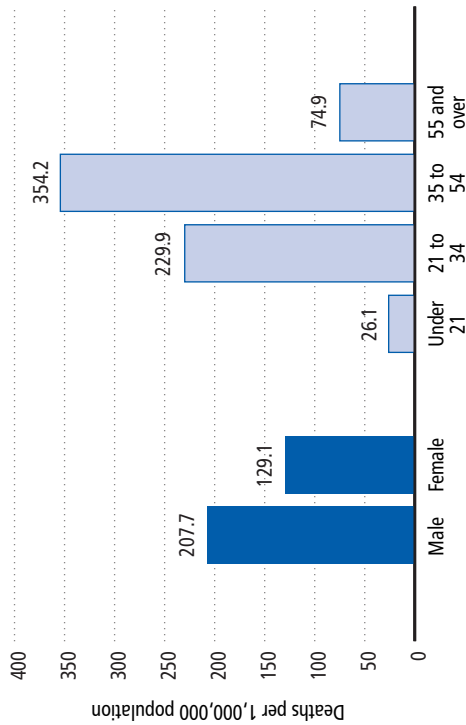


Top 5 drugs involved: Suicide deaths, 2004

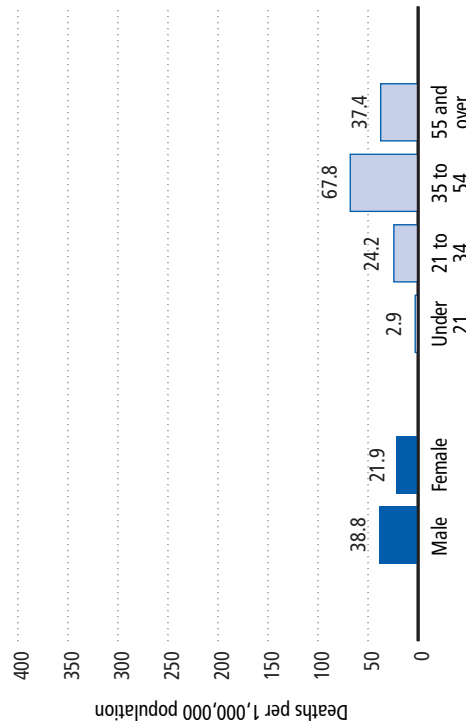


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	170	Any drug-related cause	31
Abuse	15	Abuse	0
Drug or alcohol	170	Drug or alcohol	31
Toxic effects	167	Toxic effects	30
Body systems (includes infections)	17	Body systems (includes infections)	--
Accidents and injuries	--	Accidents and injuries	--

Drug-related deaths by drug category, 2003-2004

Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Single-drug deaths, 2004	Deaths, 2004
ALL DRUGS	184	172	11	31
Alcohol ²	33	47	0	4
Cocaine	65	57	4	4
Marijuana	8	15	0	--
Stimulants	38	41	0	4
Club drugs ³	--	--	0	0
Hallucinogens ⁴	0	0	0	0
Inhalants	--	--	0	0
Antidepressants	65	65	0	12
Antipsychotics	8	5	0	5
Benzodiazepines	38	49	0	9
Misc. anxiolytics, sedatives, and hypnotics	44	47	0	13
Opiates/opioids	148	147	5	13
Heroin (specified)	22	17	--	0
Methadone	50	52	--	5
All other opiates/opioids	99	100	--	13
Nonsteroidal anti-inflammatory agents	--	--	0	0
Salicylates/combinations	0	0	0	0
Misc. analgesics/combinations	18	21	--	10
Anticonvulsants	12	11	0	0
Muscle relaxants	26	13	0	4

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

San Diego-Carlsbad-San Marcos, CA



Deaths reported to DAWN
 Drug misuse 283
 Suicide 62

Metro area population, 2004
 2,931,714

Population covered by DAWN
 2,931,714

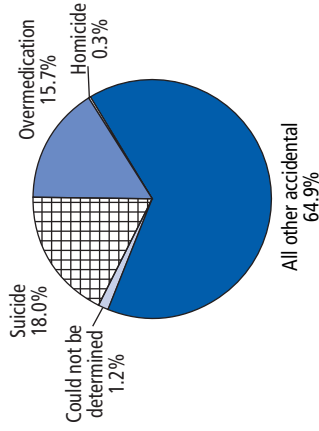
Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (1)	283	96.5	62	21.1	2,931,714
1. San Diego County, CA	283	96.5	62	21.1	2,931,714

¹Deaths per 1,000,000 population.

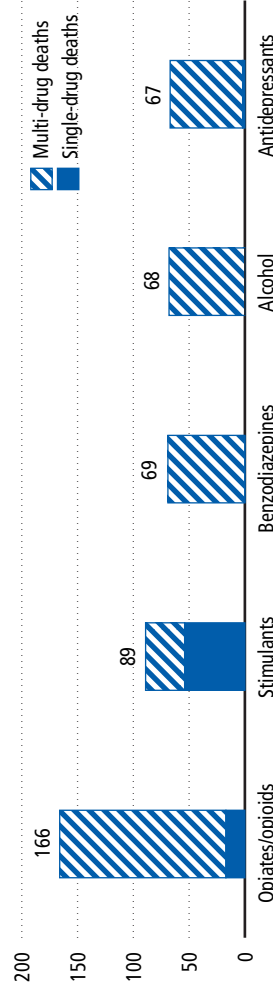
Deaths by case type, 2004



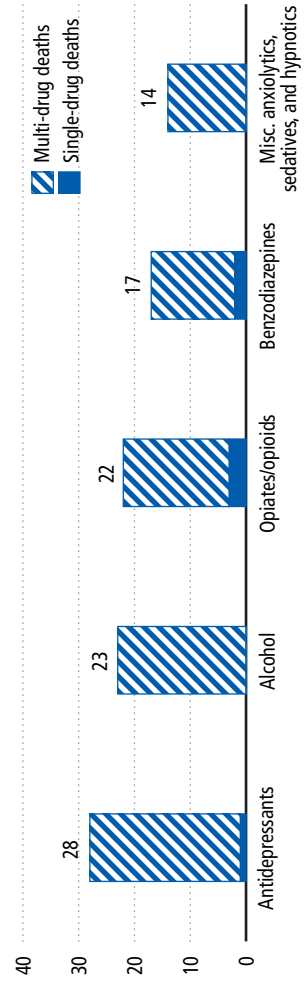
Place of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Health care facility	54	Health care facility	12
Home	156	Home	41
Public place	23	Public place	--
Other	50	Other	7
Not documented	0	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

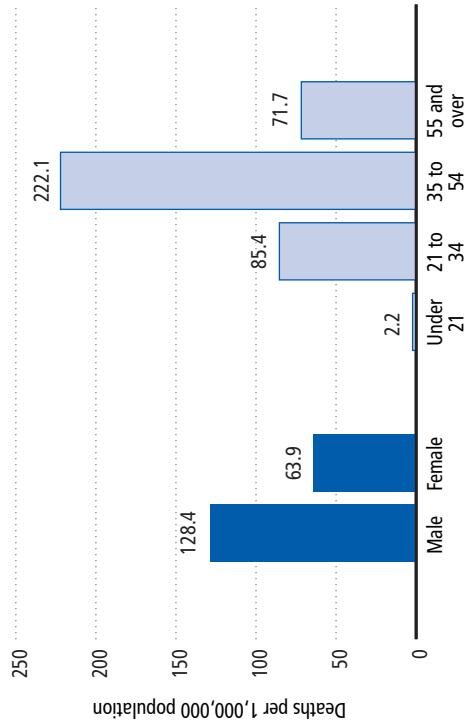


Top 5 drugs involved: Suicide deaths, 2004

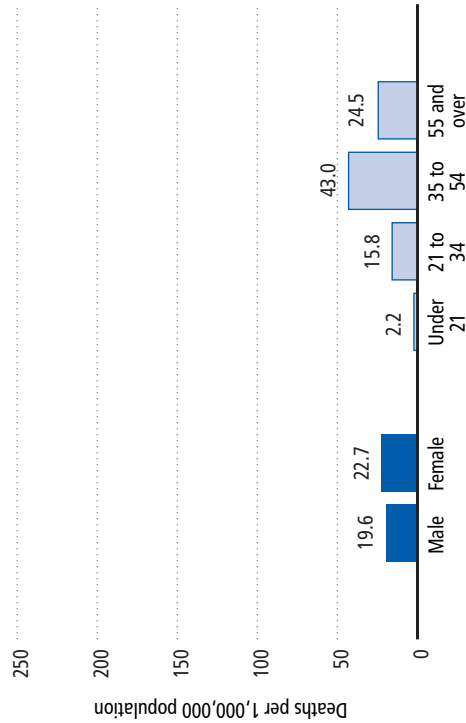


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	239	Any drug-related cause	61
Abuse	67	Abuse	0
Drug or alcohol	239	Drug or alcohol	61
Toxic effects	226	Toxic effects	60
Body systems (includes infections)	83	Body systems (includes infections)	7
Accidents and injuries	5	Accidents and injuries	--

Drug-related deaths by drug category, 2003-2004

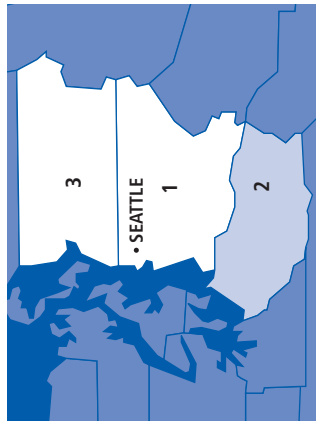
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Single-drug deaths, 2004	Deaths, 2004
ALL DRUGS	352	283	100	62
Alcohol ²	94	68	0	21
Cocaine	52	51	12	4
Marijuana	--	6	0	0
Stimulants	108	89	54	11
Club drugs ³	--	--	0	--
Hallucinogens ⁴	0	0	0	0
Inhalants	--	0	0	0
Antidepressants	75	67	--	32
Antipsychotics	28	16	--	13
Benzodiazepines	92	69	0	29
Misc. anxiolytics, sedatives, and hypnotics	32	30	--	16
Opiates/opioids	194	166	21	27
Heroin (specified)	62	48	9	0
Methodone	23	26	--	0
All other opiates/opioids	124	100	9	27
Nonsteroidal anti-inflammatory agents	7	--	0	--
Salicylates/combinations	--	0	0	0
Misc. analgesics/combinations	24	21	4	11
Anticonvulsants	8	6	0	6
Muscle relaxants	12	23	--	--

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

Seattle-Tacoma-Bellevue, WA



Deaths reported to DAWN
 Drug misuse 337
 Suicide 52

Metro area population, 2004
 3,166,828

Population covered by DAWN
 2,421,417

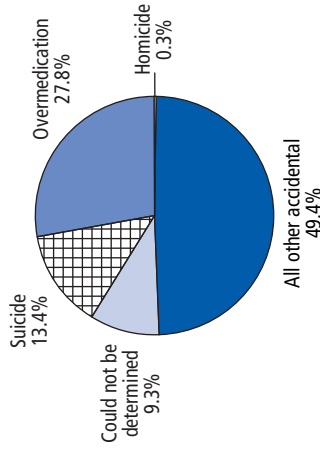
Percent of population covered by DAWN
 76%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (2)	337	139.2	52	21.5	2,421,417
1. King County, WA*	259	145.7	42	23.6	1,777,143
2. Pierce County, WA	78	121.1	10	15.5	745,411
3. Snohomish County, WA*					644,274

¹Deaths per 1,000,000 population.
 Shaded areas did not participate in DAWN this year.
 * Indicates area featured in Spotlight section.

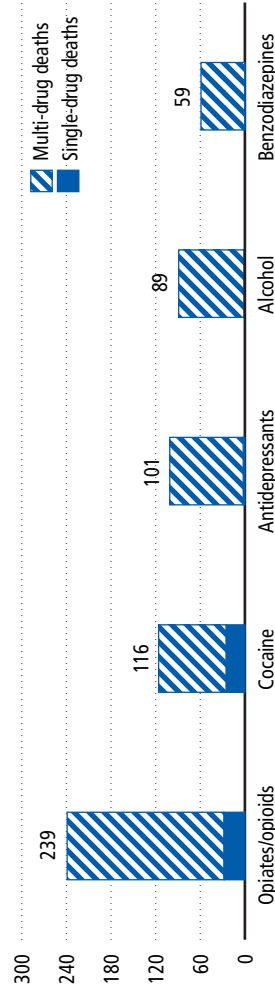
Deaths by case type, 2004



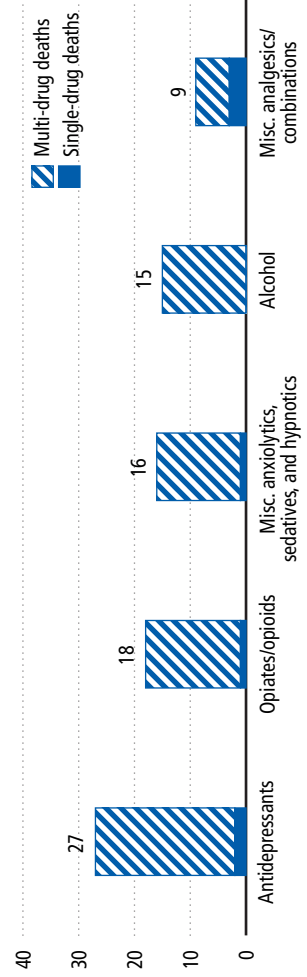
Place of death, 2004

Drug misuse		Suicide	
Place	Deaths	Place	Deaths
Health care facility	76	Health care facility	8
Home	183	Home	34
Public place	35	Public place	4
Other	43	Other	6
Not documented	0	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

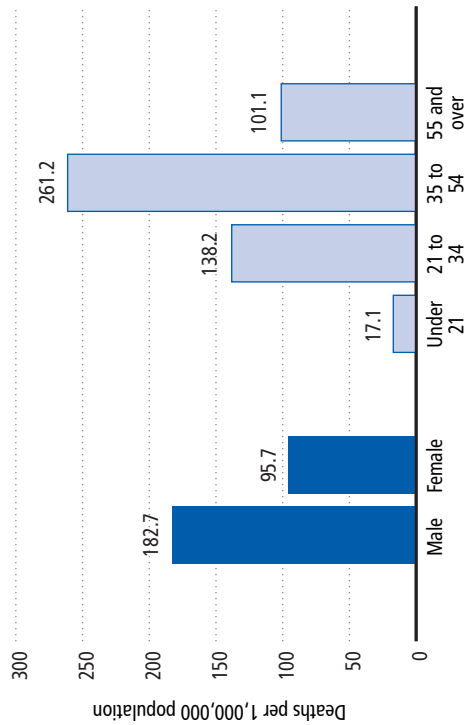


Top 5 drugs involved: Suicide deaths, 2004

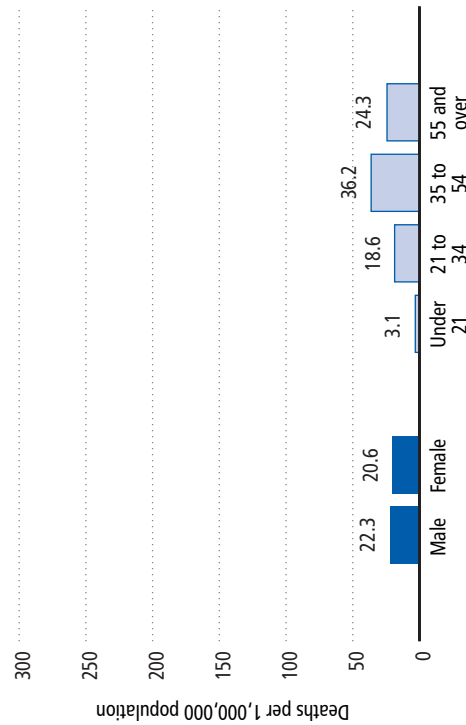


-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	305	Any drug-related cause	52
Abuse	10	Abuse	0
Drug or alcohol	304	Drug or alcohol	52
Toxic effects	291	Toxic effects	49
Body systems (includes infections)	63	Body systems (includes infections)	8
Accidents and injuries	19	Accidents and injuries	4

Drug-related deaths by drug category, 2003-2004

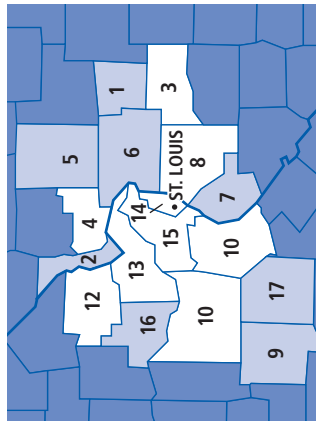
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Single-drug deaths, 2004	Deaths, 2004
ALL DRUGS	219	337	83	52
Alcohol ²	48	89	--	13
Cocaine	65	116	25	--
Marijuana	0	5	0	4
Stimulants	26	31	11	--
Club drugs ³	4	--	0	0
Hallucinogens ⁴	0	--	--	0
Inhalants	--	--	--	0
Antidepressants	86	101	--	27
Antipsychotics	10	8	0	--
Benzodiazepines	52	59	0	9
Misc. anxiolytics, sedatives, and hypnotics	38	43	0	16
Opiates/opioids	165	239	28	17
Heroin (specified)	19	43	13	--
Methadone	67	100	7	--
All other opiates/opioids	99	130	8	16
Nonsteroidal anti-inflammatory agents	5	--	0	0
Salicylates/combinations	--	--	--	4
Misc. analgesics/combinations	8	22	4	7
Anticonvulsants	22	22	0	--
Muscle relaxants	14	19	0	5

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

St. Louis, MO-IL



Deaths reported to DAWN

Drug misuse 209
Suicide 47

Metro area population, 2004

2,787,701

Population covered by DAWN

2,345,212

Percent of population covered by DAWN

84%

Metro area overview: Deaths and population by county, 2004

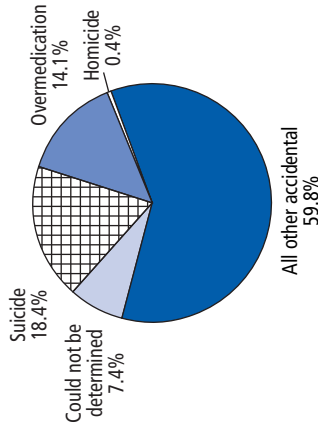
Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (9)	209	89.1	47	20.0	2,345,212
1. Bond County, IL					17,980
2. Calhoun County, IL					5,190
3. Clinton County, IL	2	55.5	0	0.0	36,065
4. Jersey County, IL	0	0.0	0	0.0	22,320
5. Macoupin County, IL					49,067
6. Madison County, IL					264,350
7. Monroe County, IL					30,491
8. St. Clair County, IL	12	46.3	0	0.0	259,132
9. Crawford County, MO					23,647
10. Franklin County, MO	5	50.9	1	10.2	98,234
11. Jefferson County, MO	14	66.5	4	19.0	210,397
12. Lincoln County, MO	0	0.0	0	0.0	45,816
13. St. Charles County, MO	19	59.2	11	34.3	320,734
14. St. Louis City, MO*	73	212.7	8	23.3	343,279
15. St. Louis County, MO*	84	83.2	23	22.8	1,009,235
16. Warren County, MO					27,809
17. Washington County, MO					23,955

¹Deaths per 1,000,000 population.

Shaded areas did not participate in DAWN this year.

* Indicates area featured in Spotlight section.

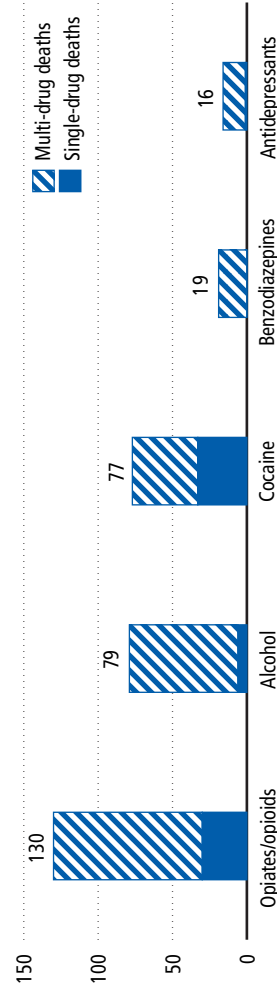
Deaths by case type, 2004



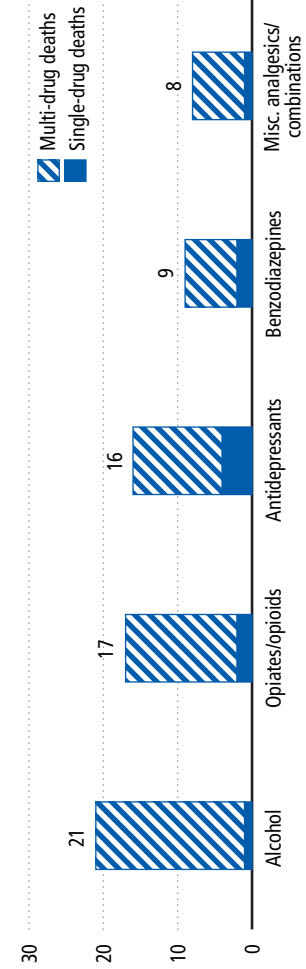
Place of death, 2004

Drug misuse		Suicide	
Place of death	Deaths	Place of death	Deaths
Health care facility	97	Health care facility	19
Home	75	Home	22
Public place	10	Public place	4
Other	27	Other	--
Not documented	0	Not documented	0

Top 5 drugs involved: Drug misuse deaths, 2004

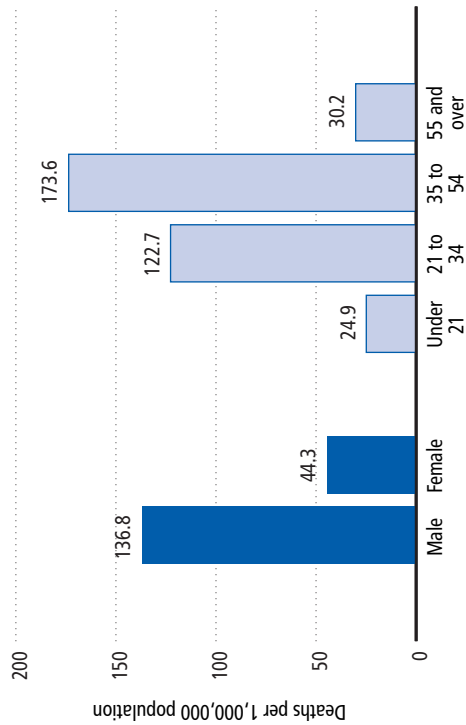


Top 5 drugs involved: Suicide deaths, 2004

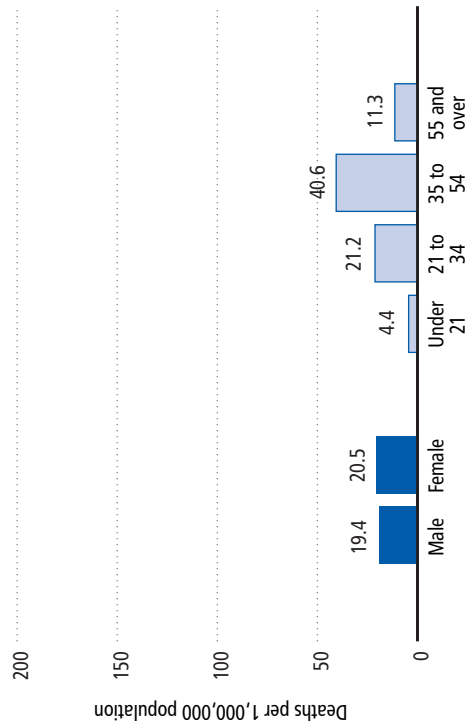


-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	196	Any drug-related cause	41
Abuse	--	Abuse	0
Drug or alcohol	196	Drug or alcohol	41
Toxic effects	168	Toxic effects	41
Body systems (includes infections)	38	Body systems (includes infections)	0
Accidents and injuries	15	Accidents and injuries	6

Drug-related deaths by drug category, 2003-2004

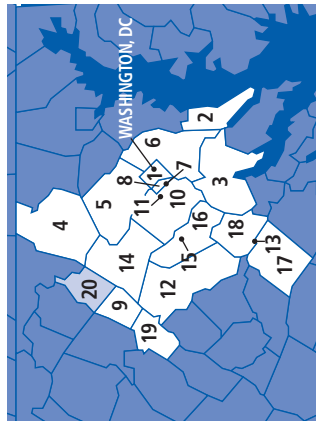
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	209	86	47	12
Alcohol ²	79	6	21	--
Cocaine	77	33	7	0
Marijuana	5	0	0	0
Stimulants	8	6	0	0
Club drugs ³	0	0	0	0
Hallucinogens ⁴	0	0	0	0
Inhalants	--	--	0	0
Antidepressants	16	--	16	4
Antipsychotics	0	0	4	0
Benzodiazepines	19	0	9	--
Misc. anxiolytics, sedatives, and hypnotics	--	0	4	0
Opiates/opioids	130	37	17	--
Heroin (specified)	55	17	0	0
Methadone	15	5	--	--
All other opiates/opioids	66	15	16	--
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	--	--	--	0
Misc. analgesics/combinations	11	0	8	--
Anticonvulsants	0	0	--	--
Muscle relaxants	--	0	--	0

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

Washington-Arlington-Alexandria, DC-VA-MD-WV



Deaths reported to DAWN

Drug misuse 265
Suicide 40

Metro area population, 2004

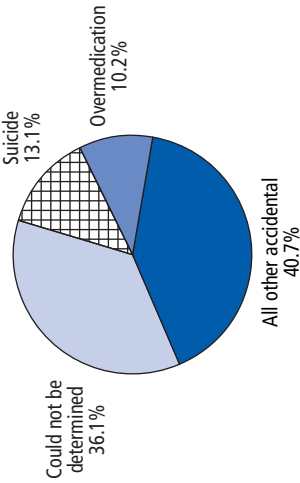
5,139,549

Population covered by DAWN

5,091,886

Percent of population covered by DAWN 99%

Deaths by case type, 2004



Place of death, 2004

Drug misuse		Suicide	
Place of death	Deaths	Place of death	Deaths
Health care facility	101	Health care facility	10
Home	99	Home	24
Public place	11	Public place	--
Other	44	Other	5
Not documented	10	Not documented	0

Metro area overview: Deaths and population by county, 2004

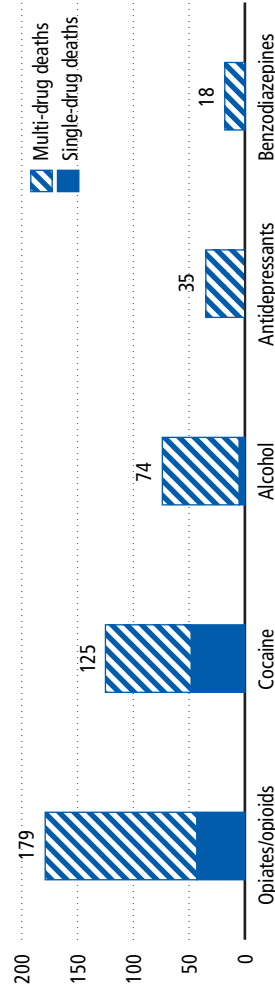
Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (19)	265	52.0	40	7.9	5,091,886
1. District of Columbia*	96	173.4	9	16.3	553,523
2. Calvert County, MD	5	57.8	1	11.6	86,474
3. Charles County, MD	9	66.3	3	22.1	135,807
4. Frederick County, MD	15	68.9	0	0.0	217,653
5. Montgomery County, MD	34	36.9	4	4.3	921,690
6. Prince George's County, MD	49	58.1	1	1.2	842,967
7. Alexandria city, VA	4	31.2	0	0.0	128,206
8. Arlington County, VA	4	21.5	5	26.9	186,117
9. Clarke County, VA	0	0.0	0	0.0	13,852
10. Fairfax County, VA	14	13.7	8	7.8	1,025,219
11. Falls Church city, VA	1	92.8	0	0.0	10,781
12. Fauquier County, VA	5	79.0	0	0.0	63,255
13. Fredericksburg city, VA	3	146.6	0	0.0	20,458
14. Loudoun County, VA	5	20.9	3	12.5	239,156
15. Manassas city, VA	3	79.8	0	0.0	37,615
16. Prince William County, VA	10	28.7	2	5.7	348,105
17. Spotsylvania County, VA	2	17.9	3	26.8	111,850
18. Stafford County, VA	1	8.7	1	8.7	114,781
19. Warren County, VA	5	145.4	0	0.0	34,377
20. Jefferson County, WV					47,663

¹Deaths per 1,000,000 population.

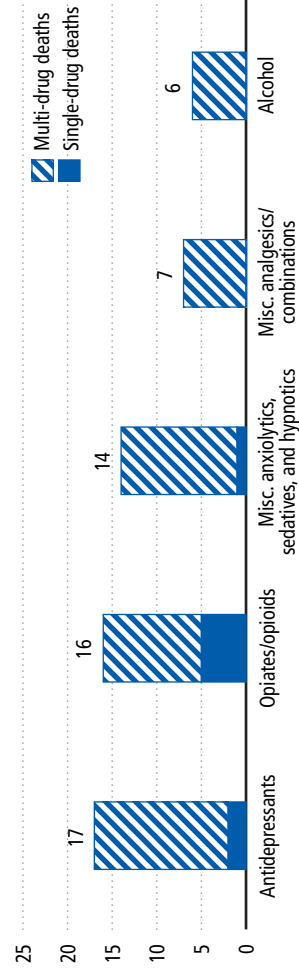
Shaded areas did not participate in DAWN this year.

* Indicates area featured in Spotlight section.

Top 5 drugs involved: Drug misuse deaths, 2004

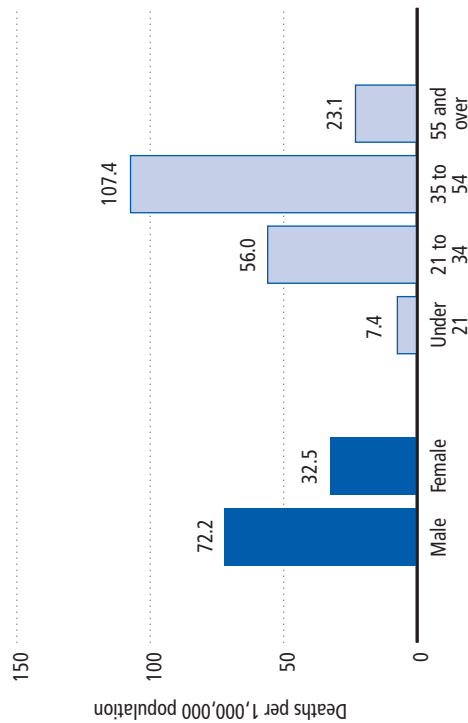


Top 5 drugs involved: Suicide deaths, 2004

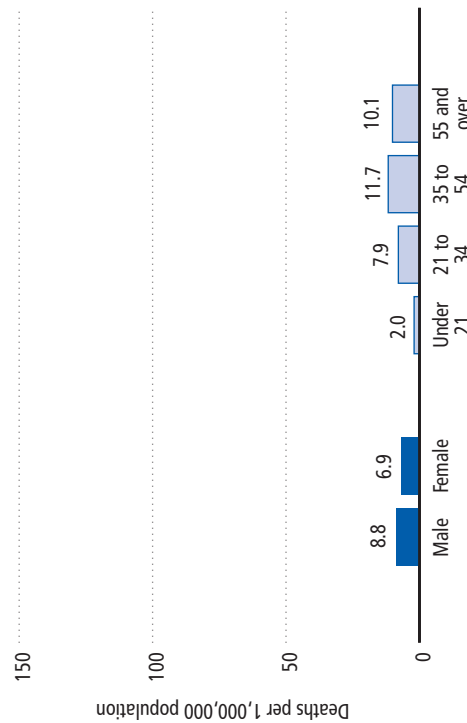


-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Death rates by gender and age: Drug misuse, 2004



Death rates by gender and age: Suicide, 2004



Causes of death, 2004

Drug misuse	Deaths	Suicide	Deaths
Any drug-related cause	257	Any drug-related cause	39
Abuse	5	Abuse	0
Drug or alcohol	257	Drug or alcohol	39
Toxic effects	245	Toxic effects	34
Body systems (includes infections)	53	Body systems (includes infections)	--
Accidents and injuries	7	Accidents and injuries	4

Drug-related deaths by drug category, 2003-2004

Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	265	104	40	17
Alcohol ²	74	5	6	0
Cocaine	125	48	4	--
Marijuana	--	0	0	0
Stimulants	--	0	0	0
Club drugs ³	--	--	0	0
Hallucinogens ⁴	5	--	--	--
Inhalants	--	--	--	0
Antidepressants	35	0	17	--
Antipsychotics	9	0	--	--
Benzodiazepines	18	0	5	0
Misc. anxiolytics, sedatives, and hypnotics	15	0	14	--
Opiates/opioids	179	45	16	5
Heroin (specified)	24	9	0	0
Methadone	36	10	6	--
All other opiates/opioids	133	26	12	--
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	0	0	--	--
Misc. analgesics/combinations	13	0	7	0
Anticonvulsants	--	0	--	0
Muscle relaxants	5	--	--	0

² Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

³ Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

⁴ Includes PCP, LSD, and miscellaneous hallucinogens.

**ABBREVIATED PROFILES FOR AREAS WITH
FEW DRUG-RELATED DEATHS**

Bangor, ME



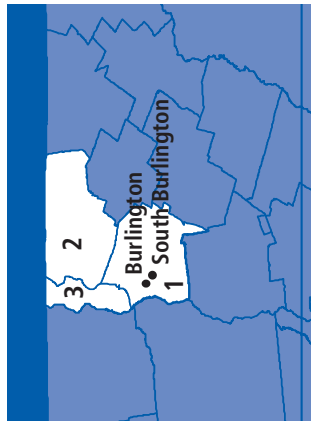
Deaths reported to DAWN
 Drug misuse 13
 Suicide 2
 Metro area population, 2004
 148,196
 Population covered by DAWN
 148,196
 Percent of population covered
 by DAWN
 100%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (1)	13	87.7	2	13.5	148,196
1. Penobscot County, ME	13	87.7	2	13.5	148,196

¹Deaths per 1,000,000 population.

Burlington-South Burlington, VT



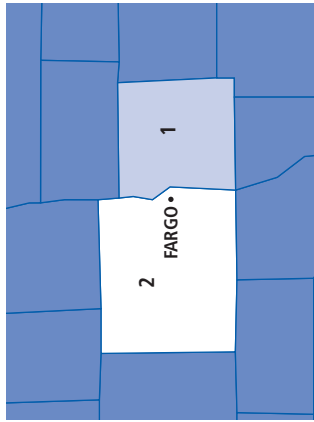
Deaths reported to DAWN
 Drug misuse 23
 Suicide 3
 Metro area population, 2004
 204,485
 Population covered by DAWN
 204,485
 Percent of population covered
 by DAWN
 100%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (3)	23	112.5	3	14.7	204,485
1. Chittenden County, VT	19	127.3	3	20.1	149,286
2. Franklin County, VT	4	84.1	0	0.0	47,556
3. Grand Isle County, VT	0	0.0	0	0.0	7,643

¹Deaths per 1,000,000 population.

Fargo, ND-MN



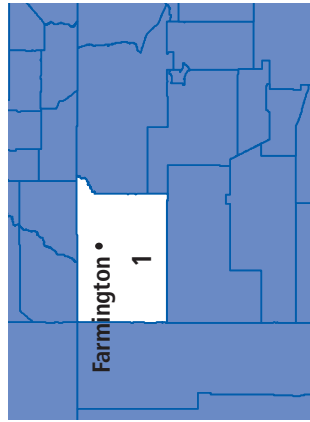
Deaths reported to DAWN
 Drug misuse 4
 Suicide 1
 Metro area population, 2004
 181,520
 Population covered by DAWN
 128,615
 Percent of population covered
 by DAWN
 71%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (1)	4	31.1	1	7.8	128,615
1. Clay County, MN					52,905
2. Cass County, ND	4	31.1	1	7.8	128,615

Shaded areas did not participate in DAWN this year. ¹Deaths per 1,000,000 population.

Farmington, NM



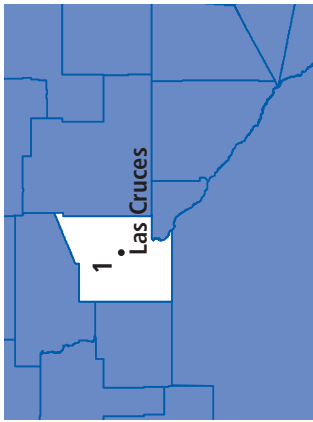
Deaths reported to DAWN
 Drug misuse 7
 Suicide 2
 Metro area population, 2004
 124,166
 Population covered by DAWN
 124,166
 Percent of population covered
 by DAWN
 100%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (1)	7	56.4	2	16.1	124,166
1. San Juan County, NM	7	56.4	2	16.1	124,166

¹Deaths per 1,000,000 population.

Las Cruces, NM



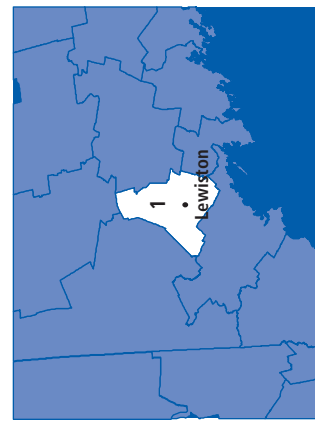
Deaths reported to DAWN
 Drug misuse 13
 Suicide 3
 Metro area population, 2004
 186,095
 Population covered by DAWN
 186,095
 Percent of population covered
 by DAWN
 100%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (1)	13	69.9	3	16.1	186,095
1. Dona Ana County, NM	13	69.9	3	16.1	186,095

¹Deaths per 1,000,000 population.

Lewiston-Auburn, ME



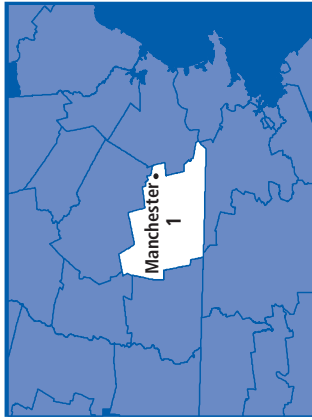
Deaths reported to DAWN
 Drug misuse 8
 Suicide 1
 Metro area population, 2004
 107,022
 Population covered by DAWN
 107,022
 Percent of population covered
 by DAWN
 100%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (1)	8	74.8	1	9.3	107,022
1. Androscoggin County, ME	8	74.8	1	9.3	107,022

¹Deaths per 1,000,000 population.

Manchester-Nashua, NH



Deaths reported to DAWN
 Drug misuse 30
 Suicide 5
 Metro area population, 2004
 398,574
 Population covered by DAWN
 398,574
 Percent of population covered
 by DAWN
 100%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (1)	30	75.3	5	12.5	398,574
1. Hillsborough County, NH	30	75.3	5	12.5	398,574

¹Deaths per 1,000,000 population.

Salisbury, MD



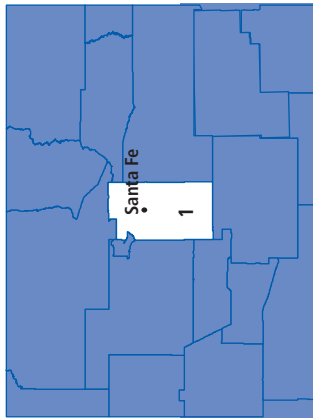
Deaths reported to DAWN
 Drug misuse 15
 Suicide 2
 Metro area population, 2004
 114,645
 Population covered by DAWN
 114,645
 Percent of population covered
 by DAWN
 100%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (2)	15	130.8	2	17.4	114,645
1. Somerset County, MD	2	77.3	0	0.0	25,863
2. Wicomico County, MD	13	146.4	2	22.5	88,782

¹Deaths per 1,000,000 population.

Santa Fe, NM



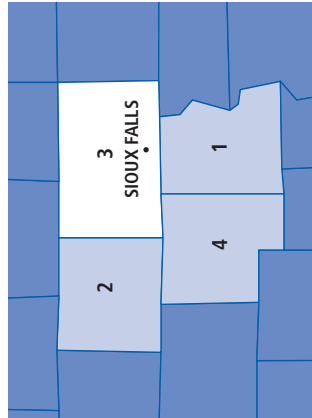
Deaths reported to DAWN
 Drug misuse 20
 Suicide 2
Metro area population, 2004
 138,705
Population covered by DAWN
 138,705
Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (1)	20	144.2	2	14.4	138,705
1. Santa Fe County, NM	20	144.2	2	14.4	138,705

¹Deaths per 1,000,000 population.

Sioux Falls, SD



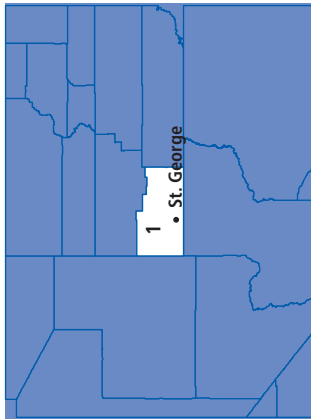
Deaths reported to DAWN
 Drug misuse 0
 Suicide 4
Metro area population, 2004
 203,324
Population covered by DAWN
 157,366
Percent of population covered by DAWN
 77%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (1)	0	0.0	4	25.4	157,366
1. Lincoln County, SD					31,437
2. McCook County, SD					5,886
3. Minnehaha County, SD	0	0.0	4	25.4	157,366
4. Turner County, SD					8,635

Shaded areas did not participate in DAWN this year. ¹Deaths per 1,000,000 population.

St. George, UT



Deaths reported to DAWN
 Drug misuse 13
 Suicide 3
 Metro area population, 2004
 109,924
 Population covered by DAWN
 109,924
 Percent of population covered
 by DAWN
 100%

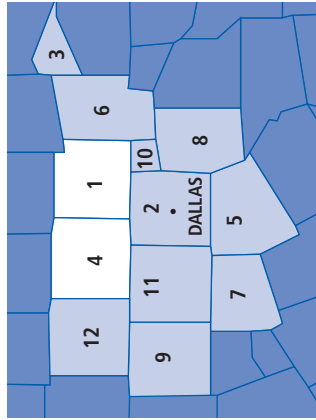
Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (1)	13	118.3	3	27.3	109,924
1. Washington County, UT	13	118.3	3	27.3	109,924

¹ Deaths per 1,000,000 population.

**ABBREVIATED PROFILES FOR AREAS WITH
LESS THAN 50% POPULATION COVERAGE**

Dallas-Fort Worth-Arlington, TX



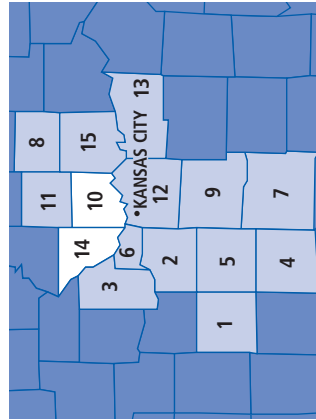
Deaths reported to DAWN
 Drug misuse 52
 Suicide 22
 Metro area population, 2004
 5,700,256
 Population covered by DAWN
 1,158,535
 Percent of population covered
 by DAWN
 20%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (2)	52	44.9	22	19.0	1,158,535
1. Collin County, TX	37	58.9	15	23.9	627,938
2. Dallas County, TX					2,294,706
3. Delta County, TX					5,506
4. Denton County, TX	15	28.3	7	13.2	530,597
5. Ellis County, TX					128,710
6. Hunt County, TX					81,781
7. Johnson County, TX					143,418
8. Kaufman County, TX					85,377
9. Parker County, TX					100,336
10. Rockwall County, TX					58,260
11. Tarrant County, TX					1,588,088
12. Wise County, TX					55,539

Shaded areas did not participate in DAWN this year. ¹Deaths per 1,000,000 population.

Kansas City, MO-KS



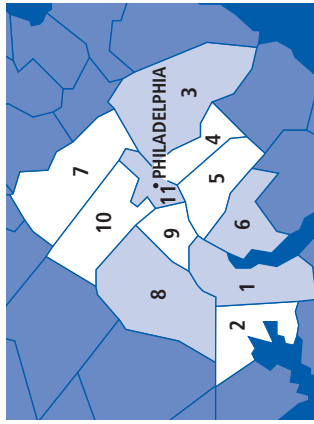
Deaths reported to DAWN
 Drug misuse 16
 Suicide 5
 Metro area population, 2004
 1,925,319
 Population covered by DAWN
 278,555
 Percent of population covered
 by DAWN
 14%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (2)	16	57.4	5	17.9	278,555
1. Franklin County, KS					26,049
2. Johnson County, KS					496,691
3. Leavenworth County, KS					72,439
4. Linn County, KS					9,775
5. Miami County, KS					29,712
6. Wyandotte County, KS					156,487
7. Bates County, MO					16,965
8. Caldwell County, MO					9,204
9. Cass County, MO					91,593
10. Clay County, MO	14	70.9	4	20.2	197,588
11. Clinton County, MO					20,683
12. Jackson County, MO					660,095
13. Lafayette County, MO					33,134
14. Platte County, MO	2	24.7	1	12.4	80,967
15. Ray County, MO					23,937

Shaded areas did not participate in DAWN this year. ¹Deaths per 1,000,000 population.

Philadelphia-Camden-Wilmington, PA-NJ-DE-MD



Deaths reported to DAWN

Drug misuse 308
Suicide 62

Metro area population, 2004
5,800,614

Population covered by DAWN
2,830,241

Percent of population covered
by DAWN
49%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (6)	308	108.8	62	21.9	2,830,241
1. New Castle County, DE					519,396
2. Cecil County, MD	15	157.0	1	10.5	95,526
3. Burlington County, NJ					449,685
4. Camden County, NJ*	84	162.7	8	15.5	516,282
5. Gloucester County, NJ	27	99.3	2	7.4	271,806
6. Salem County, NJ					65,346
7. Bucks County, PA	46	74.5	10	16.2	617,558
8. Chester County, PA					465,795
9. Delaware County, PA*	66	118.9	13	23.4	555,040
10. Montgomery County, PA*	70	90.4	28	36.2	774,029
11. Philadelphia County, PA					1,470,151

Shaded areas did not participate in DAWN this year.

¹ Deaths per 1,000,000 population.

* Indicates area featured in Spotlight section.

San Francisco-Oakland-Fremont, CA



Deaths reported to DAWN

Drug misuse 107
Suicide 15

Metro area population, 2004
4,153,870

Population covered by DAWN
945,261

Percent of population covered
by DAWN
23%

Metro area overview: Deaths and population by county, 2004

Metro area component	Drug misuse		Suicide		Total population
	Deaths	Rate ¹	Deaths	Rate ¹	
Total participating (2)	107	113.2	15	15.9	945,261
1. Alameda County, CA					1,455,235
2. Contra Costa County, CA					1,009,144
3. Marin County, CA	25	101.6	2	8.1	246,045
4. San Francisco County, CA					744,230
5. San Mateo County, CA*	82	117.3	13	18.6	699,216

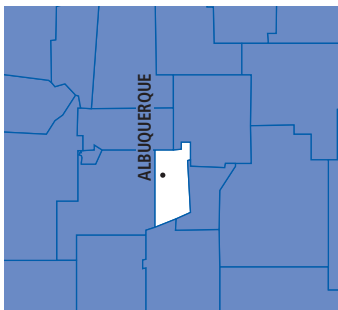
Shaded areas did not participate in DAWN this year.

¹ Deaths per 1,000,000 population.

* Indicates area featured in Spotlight section.

AREA SPOTLIGHTS

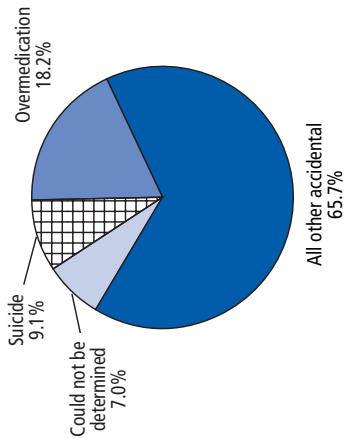
Albuquerque, NM: Bernalillo County, NM



Bernalillo County, NM: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse.....	130
Suicide.....	13
Population.....	593,765
Deaths per 1,000,000 population	
Drug misuse.....	218.9
Suicide.....	21.9

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	117
Abuse	--
Drug or alcohol	116
Toxic effects	93
Body systems (includes infections)	28
Accidents and injuries	8

Place of death, 2004

Drug misuse	Deaths
Health care facility	24
Home	77
Public place	10
Other	19
Not documented	0

Drug-related deaths by drug category, 2003-2004

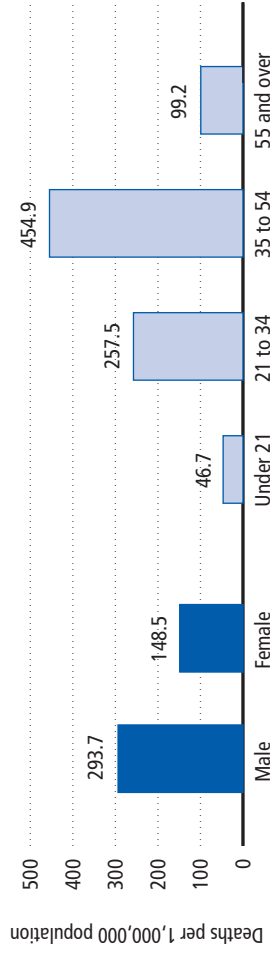
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	141	130	14	13
Alcohol ¹	49	38	5	6
Cocaine	57	47	16	--
Marijuana	--	0	0	0
Stimulants	4	9	5	0
Club drugs ²	0	0	0	0
Hallucinogens ³	0	--	0	0
Inhalants	--	0	0	0
Antidepressants	13	12	4	6
Antipsychotics	0	0	0	0
Benzodiazepines	15	13	0	0
Misc. anxiolytics, sedatives, and hypnotics	--	4	0	0
Opiates/opioids	100	96	29	5
Heroin (Specified)	39	38	10	0
Methadone	20	25	7	--
All other opiates/opioids	47	39	12	--
Nonsteroidal anti-inflammatory agents	--	--	0	0
Salicylates/combinations	--	0	0	--
Misc. analgesics/combinations	--	5	--	--
Anticonvulsants	--	--	0	0
Muscle relaxants	5	4	0	0

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

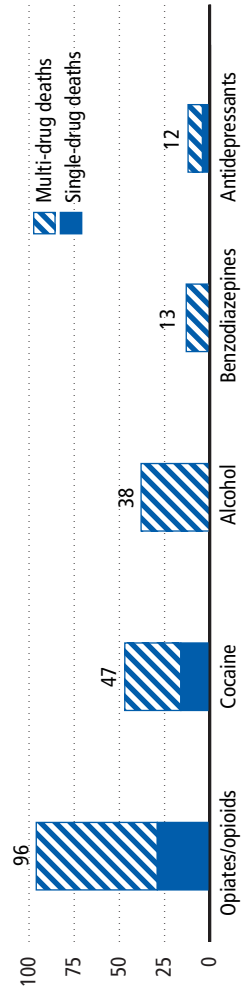
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004

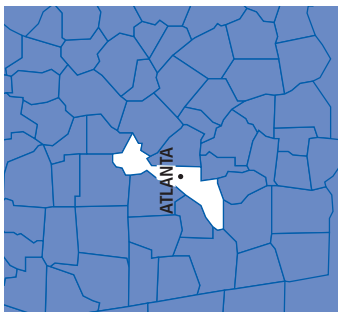


Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Atlanta-Sandy Springs-Marietta, GA: Fulton County, GA

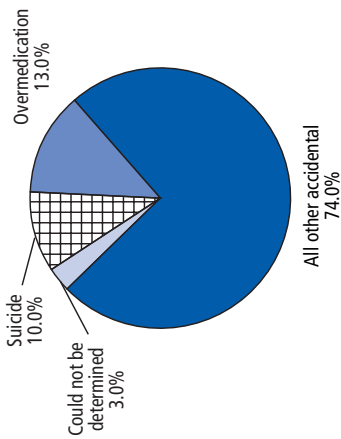


Fulton County, GA:

Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse.....	90
Suicide.....	10
Population.....	814,438
Deaths per 1,000,000 population	
Drug misuse.....	110.5
Suicide.....	12.3

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	86
Abuse	--
Drug or alcohol	86
Toxic effects	73
Body systems (includes infections)	25
Accidents and injuries	--

Place of death, 2004

Drug misuse	Deaths
Health care facility	22
Home	37
Public place	9
Other	22
Not documented	0

Drug-related deaths by drug category, 2003-2004

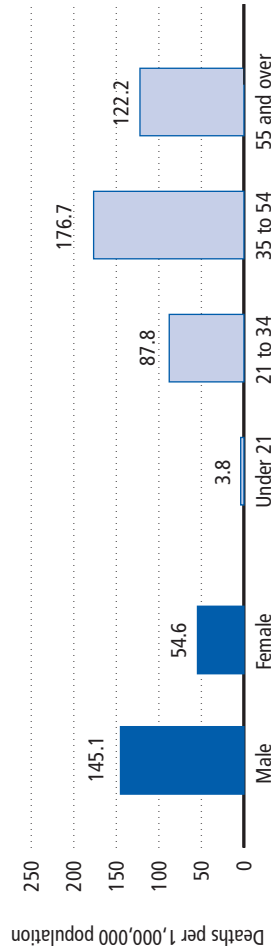
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	108	90	4	10
Alcohol ¹	23	22	0	4
Cocaine	78	61	35	0
Marijuana	--	0	0	0
Stimulants	4	8	4	0
Club drugs ²	--	--	0	0
Hallucinogens ³	0	0	0	0
Inhalants	0	0	0	0
Antidepressants	7	4	0	4
Antipsychotics	0	0	0	--
Benzodiazepines	18	10	0	--
Misc. anxiolytics, sedatives, and hypnotics	--	--	--	--
Opiates/opioids	53	37	7	0
Heroin (Specified)	--	--	0	0
Methodone	--	5	0	0
All other opiates/opioids	50	33	7	0
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	0	0	0	--
Misc. analgesics/combinations	--	--	0	0
Anticonvulsants	0	0	0	0
Muscle relaxants	--	--	0	0

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

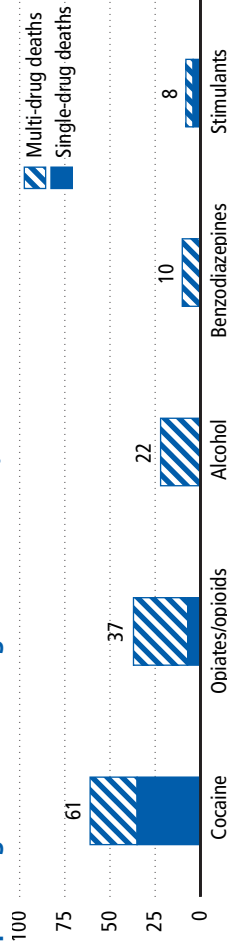
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

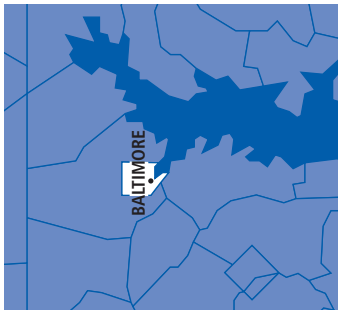
Death rates by gender and age: Drug misuse, 2004



Top 5 drugs involved: Drug misuse deaths, 2004



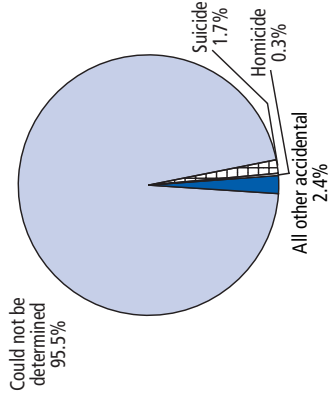
Baltimore-Towson, MD: Baltimore City, MD



Baltimore City, MD:
Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse.....	286
Suicide.....	5
Population.....	636,251
Deaths per 1,000,000 population	
Drug misuse.....	449.5
Suicide.....	7.9

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	283
Abuse	--
Drug or alcohol	283
Toxic effects	266
Body systems (includes infections)	12
Accidents and injuries	4

Place of death, 2004

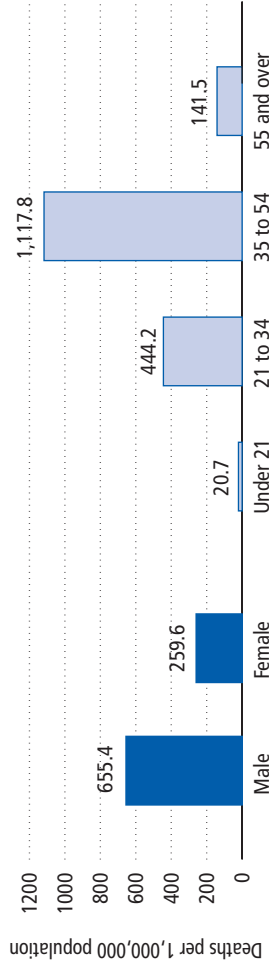
Drug misuse	Deaths
Health care facility	116
Home	108
Public place	6
Other	55
Not documented	--

Drug-related deaths by drug category, 2003-2004

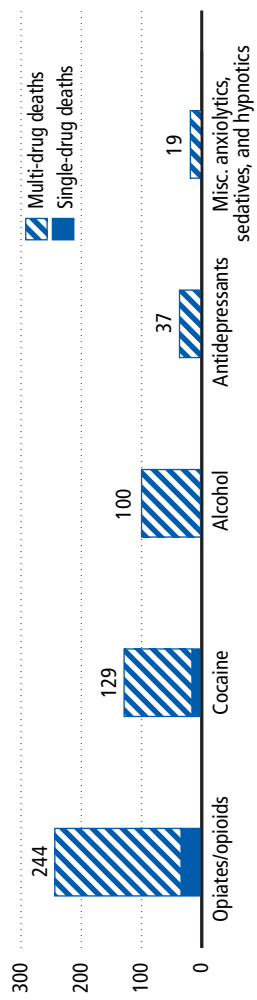
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	305	286	4	5
Alcohol ¹	117	100	--	--
Cocaine	150	129	0	--
Marijuana	0	--	0	0
Stimulants	0	0	0	0
Club drugs ²	0	0	0	0
Hallucinogens ³	0	0	0	0
Inhalants	0	--	0	0
Antidepressants	54	37	--	--
Antipsychotics	14	6	0	--
Benzodiazepines	13	7	0	--
Misc. anxiolytics, sedatives, and hypnotics	34	19	0	--
Opiates/opioids	277	244	0	--
Heroin (specified)	0	42	0	0
Methadone	61	65	0	0
All other opiates/opioids	242	177	0	--
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	--	0	--	0
Misc. analgesics/combinations	20	18	0	--
Anticonvulsants	--	0	--	0
Muscle relaxants	0	5	0	0

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.
³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004

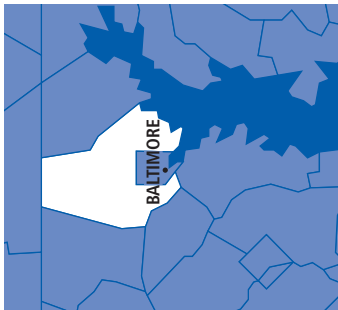


Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

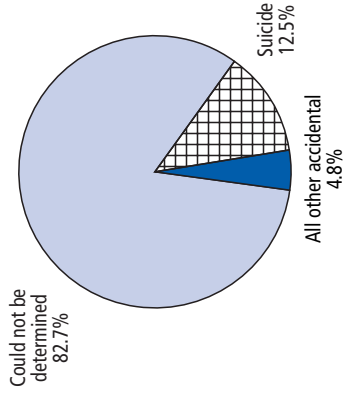
Baltimore-Towson, MD: Baltimore County, MD



Baltimore County, MD: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse.....	91
Suicide.....	13
Population 780,821	
Deaths per 1,000,000 population	
Drug misuse.....	116.5
Suicide.....	16.6

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	89
Abuse	--
Drug or alcohol	89
Toxic effects	84
Body systems (includes infections)	6
Accidents and injuries	--

Place of death, 2004

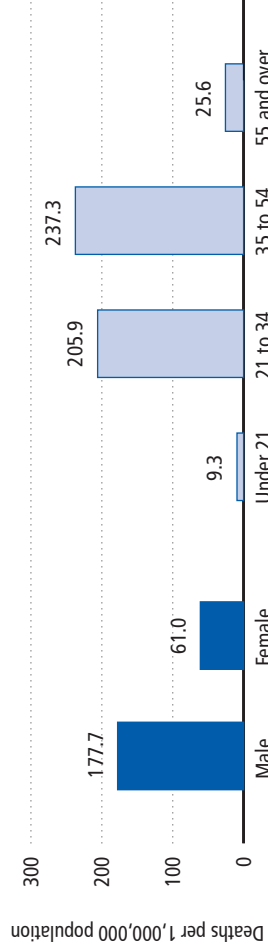
Drug misuse	Deaths
Health care facility	17
Home	59
Public place	--
Other	12
Not documented	0

Drug-related deaths by drug category, 2003-2004

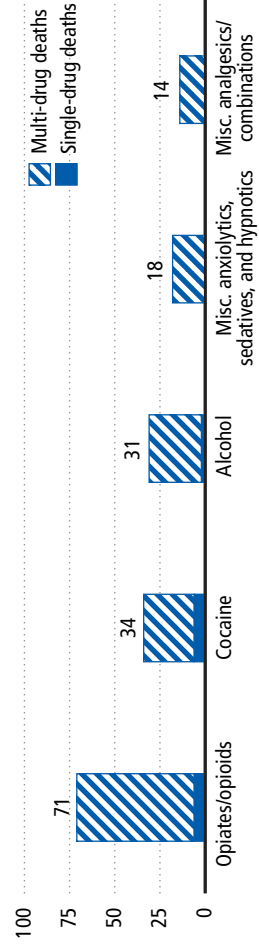
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	120	91	18	13
Alcohol ¹	51	31	--	--
Cocaine	42	34	6	--
Marijuana	0	0	0	0
Stimulants	0	--	0	0
Club drugs ²	0	0	0	0
Hallucinogens ³	0	--	0	0
Inhalants	0	0	0	0
Antidepressants	32	14	0	--
Antipsychotics	7	4	--	0
Benzodiazepines	8	7	0	0
Misc. anxiolytics, sedatives, and hypnotics	19	18	0	6
Opiates/opioids	98	71	8	7
Heroin (specified)	--	12	0	0
Methadone	28	24	--	0
All other opiates/opioids	82	53	--	7
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	0	--	--	0
Misc. analgesics/combinations	16	14	0	5
Anticonvulsants	0	--	0	0
Muscle relaxants	4	--	0	0

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.
³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004

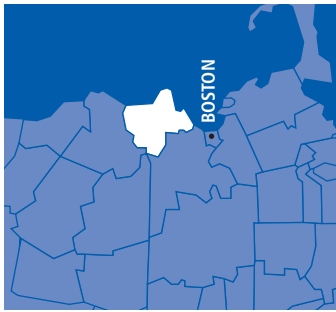


Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

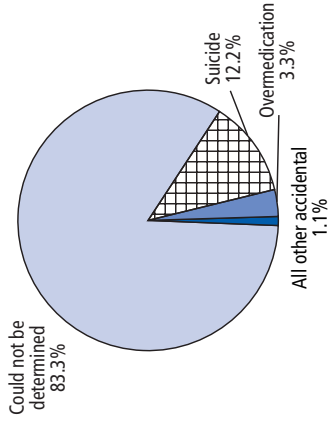
Boston-Cambridge-Quincy, MA-NH: Essex County, MA



Essex County, MA: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse.....	79
Suicide.....	11
Population 738,984	
Deaths per 1,000,000 population	
Drug misuse.....	106.9
Suicide.....	14.9

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	79
Abuse	18
Drug or alcohol	79
Toxic effects	75
Body systems (includes infections)	11
Accidents and injuries	7

Place of death, 2004

Drug misuse	Deaths
Health care facility	19
Home	42
Public place	7
Other	11
Not documented	0

Drug-related deaths by drug category, 2003-2004

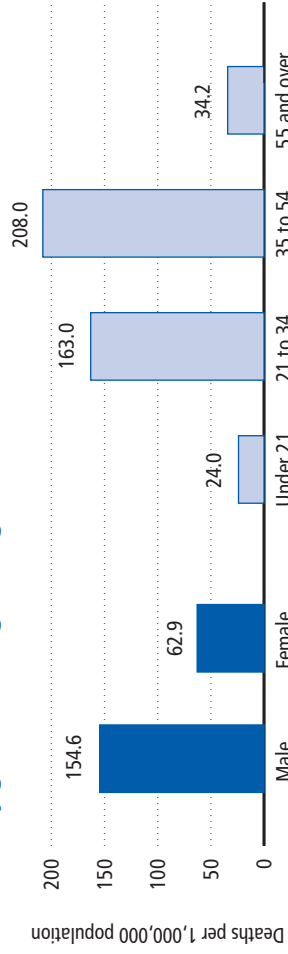
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	93	79	39	11
Alcohol ¹	20	24	--	--
Cocaine	37	19	4	5
Marijuana	--	--	0	0
Stimulants	0	0	0	0
Club drugs ²	0	0	0	0
Hallucinogens ³	0	0	0	0
Inhalants	--	0	0	0
Antidepressants	10	11	4	4
Antipsychotics	0	--	0	5
Benzodiazepines	14	9	--	0
Misc. anxiolytics, sedatives, and hypnotics	--	--	0	--
Opiates/opioids	62	57	29	6
Heroin (Specified)	28	25	15	0
Methadone	7	9	4	--
All other opiates/opioids	31	24	10	4
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	--	0	0	0
Misc. analgesics/combinations	--	0	0	0
Anticonvulsants	0	0	0	0
Muscle relaxants	--	0	0	0

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

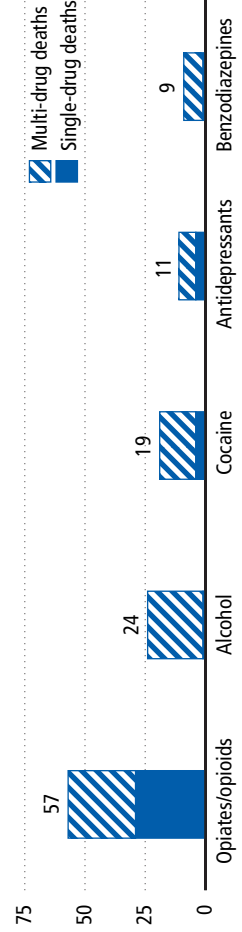
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004

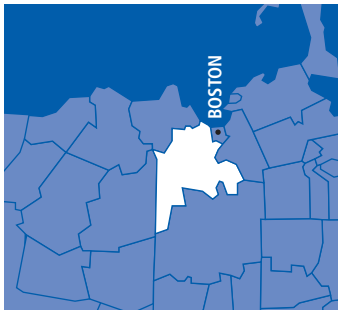


Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

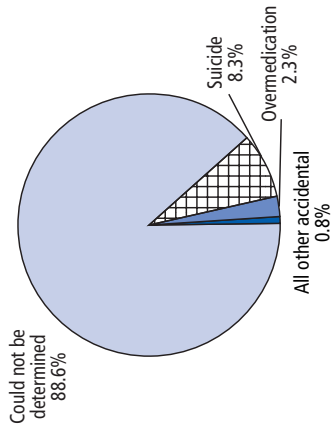
Boston-Cambridge-Quincy, MA-NH: Middlesex County, MA



Middlesex County, MA: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse	121
Suicide	11
Population	
Deaths per 1,000,000 population	1,464.628
Drug misuse	82.6
Suicide	7.5

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	121
Abuse	28
Drug or alcohol	121
Toxic effects	110
Body systems (includes infections)	11
Accidents and injuries	18

Place of death, 2004

Drug misuse	Deaths
Health care facility	30
Home	66
Public place	6
Other	19
Not documented	0

Drug-related deaths by drug category, 2003-2004

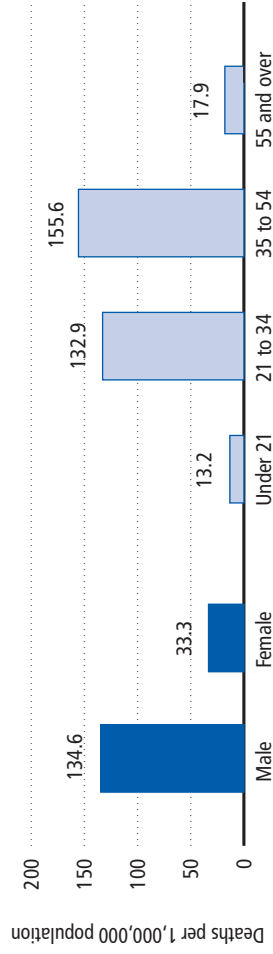
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	108	121	42	11
Alcohol ¹	18	42	0	4
Cocaine	45	49	7	4
Marijuana	--	--	0	--
Stimulants	0	--	0	0
Club drugs ²	0	0	0	0
Hallucinogens ³	0	0	0	0
Inhalants	--	--	--	--
Antidepressants	4	10	--	0
Antipsychotics	5	--	--	--
Benzodiazepines	19	12	0	--
Misc. anxiolytics, sedatives, and hypnotics	--	--	0	0
Opiates/opioids	72	93	30	6
Heroin (specified)	24	39	14	--
Methadone	4	13	5	0
All other opiates/opioids	46	44	11	6
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	0	0	0	0
Misc. analgesics/combinations	0	--	--	--
Anticonvulsants	--	0	0	0
Muscle relaxants	0	0	0	0

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

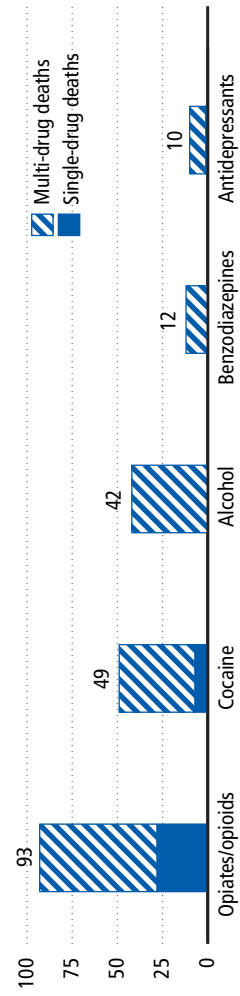
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004

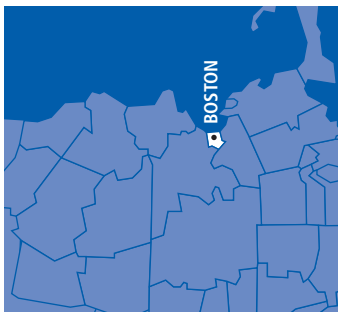


Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

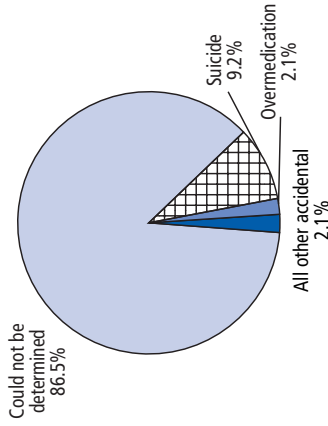
Boston-Cambridge-Quincy, MA-NH: Suffolk County, MA



Suffolk County, MA: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse.....	128
Suicide.....	13
Population	
Deaths per 1,000,000 population	666,022
Drug misuse.....	192.2
Suicide.....	19.5

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	127
Abuse	26
Drug or alcohol	125
Toxic effects	114
Body systems (includes infections)	30
Accidents and injuries	17

Place of death, 2004

Drug misuse	Deaths
Health care facility	29
Home	67
Public place	13
Other	19
Not documented	0

Drug-related deaths by drug category, 2003-2004

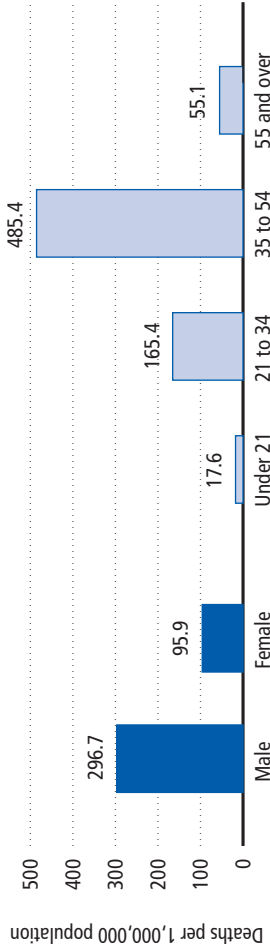
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	132	128	52	13
Alcohol ¹	29	36	--	4
Cocaine	80	53	10	7
Marijuana	--	--	0	0
Stimulants	0	--	--	0
Club drugs ²	--	--	0	0
Hallucinogens ³	0	0	0	0
Inhalants	0	0	0	0
Antidepressants	4	11	--	4
Antipsychotics	--	--	0	0
Benzodiazepines	27	9	--	--
Misc. anxiolytics, sedatives, and hypnotics	--	--	0	0
Opiates/opioids	68	91	33	4
Heroin (Specified)	20	44	17	--
Methadone	0	8	--	0
All other opiates/opioids	49	41	13	4
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	0	0	0	0
Misc. analgesics/combinations	--	--	--	--
Anticonvulsants	--	--	0	0
Muscle relaxants	0	--	0	0

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

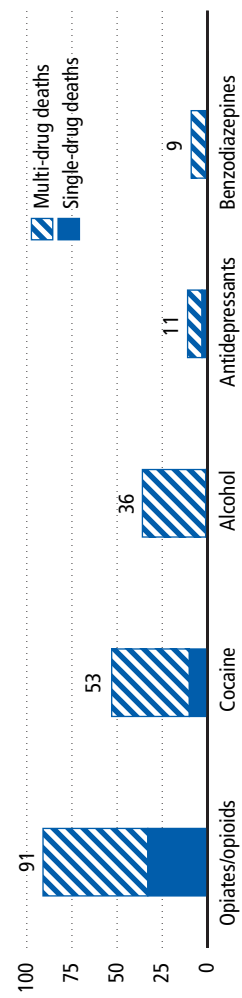
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004

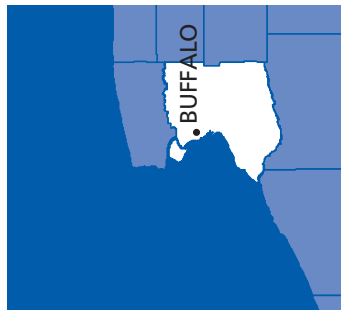


Top 5 drugs involved: Drug misuse deaths, 2004



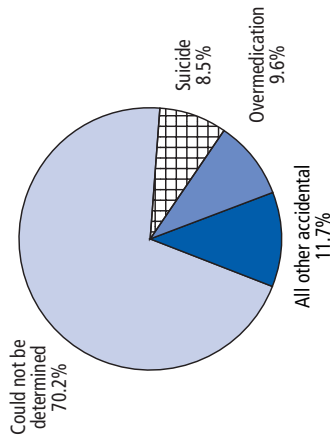
-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Buffalo-Cheektowaga-Tonawanda, NY: Erie County, NY



Erie County, NY:
Deaths and population, 2004
 Deaths reported to DAWN
 Drug misuse.....86
 Suicide.....8
Population.....936,318
Deaths per 1,000,000 population
 Drug misuse.....91.8
 Suicide.....8.5

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	75
Abuse	20
Drug or alcohol	75
Toxic effects	55
Body systems (includes infections)	22
Accidents and injuries	0

Place of death, 2004

Drug misuse	Deaths
Health care facility	28
Home	37
Public place	6
Other	15
Not documented	0

Drug-related deaths by drug category, 2003-2004

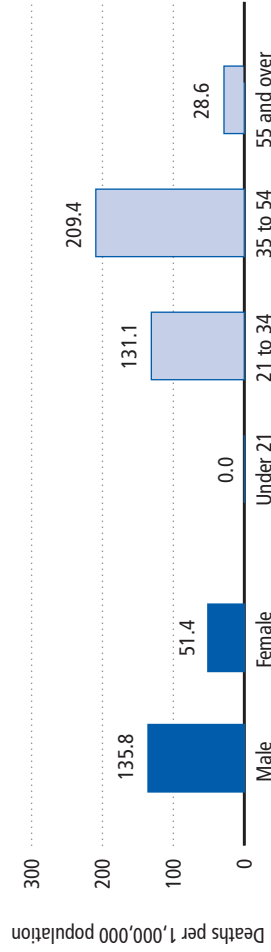
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	48	86	12	8
Alcohol ¹	18	28	0	5
Cocaine	20	30	--	0
Marijuana	6	13	0	0
Stimulants	0	0	0	0
Club drugs ²	0	0	0	0
Hallucinogens ³	0	0	0	0
Inhalants	0	0	--	0
Antidepressants	22	22	0	6
Antipsychotics	--	7	0	4
Benzodiazepines	14	24	--	--
Misc. anxiolytics, sedatives, and hypnotics	8	17	0	5
Opiates/opioids	39	74	6	6
Heroin (specified)	14	26	--	0
Methadone	4	6	0	0
All other opiates/opioids	35	48	--	6
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	0	0	0	0
Misc. analgesics/combinations	--	--	0	0
Anticonvulsants	0	6	0	0
Muscle relaxants	--	9	0	--

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

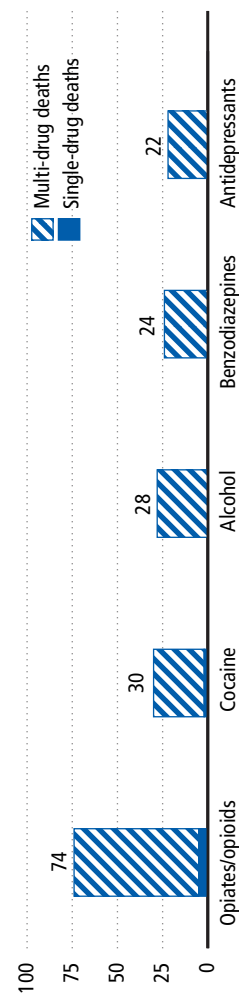
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004

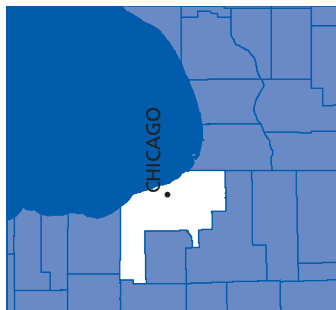


Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Chicago-Naperville-Joliet, IL-IN-WI: Cook County, IL

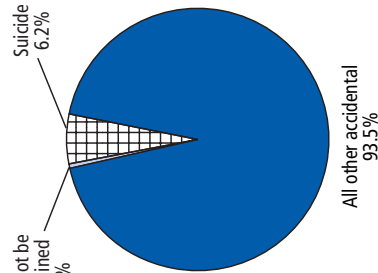


Cook County, IL:

Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse	573
Suicide	38
Population	
Deaths per 1,000,000 population	5,327,777
Drug misuse	107.5
Suicide	7.1

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	458
Abuse	0
Drug or alcohol	456
Toxic effects	452
Body systems (includes infections)	125
Accidents and injuries	--

Place of death, 2004

Drug misuse	Deaths
Health care facility	282
Home	167
Public place	25
Other	95
Not documented	4

Drug-related deaths by drug category, 2003-2004

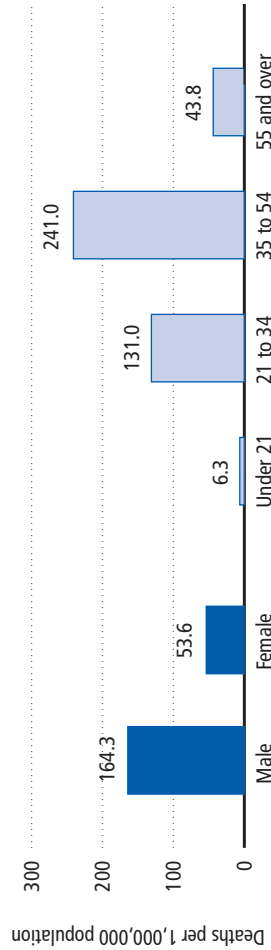
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	573	318	38	22
Alcohol ¹	94	--	7	0
Cocaine	399	206	--	0
Marijuana	0	0	0	0
Stimulants	0	0	0	0
Club drugs ²	0	0	0	0
Hallucinogens ³	--	0	0	0
Inhalants	0	0	0	0
Antidepressants	7	--	13	7
Antipsychotics	0	0	7	--
Benzodiazepines	--	--	6	--
Misc. anxiolytics, sedatives, and hypnotics	--	0	6	5
Opiates/opioids	346	106	7	--
Heroin (specified)	0	0	0	0
Methadone	31	14	0	0
All other opiates/opioids	321	92	7	--
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	0	0	--	--
Misc. analgesics/combinations	--	0	--	--
Anticonvulsants	0	0	0	0
Muscle relaxants	0	0	--	0

¹ includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

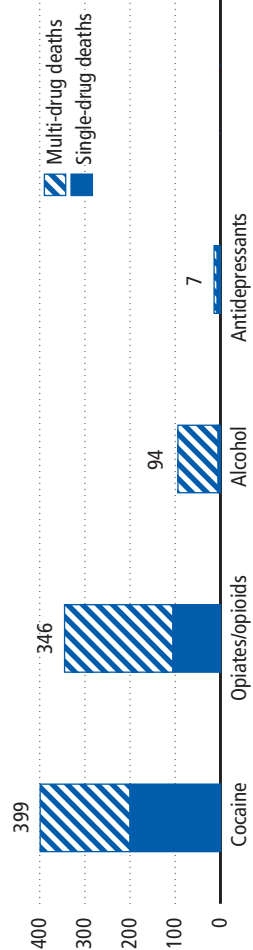
² includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004



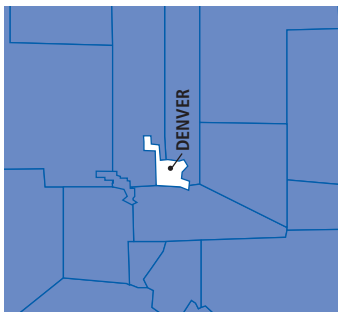
Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Denver-Aurora, CO: Denver County, CO

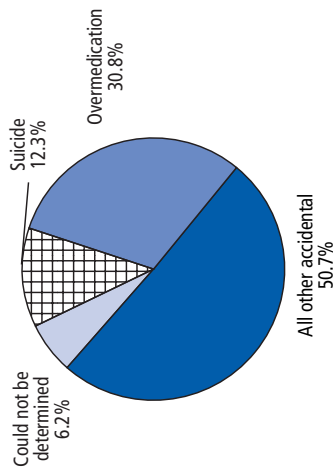


Denver County, CO:

Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse.....	128
Suicide.....	18
Population	556,835
Deaths per 1,000,000 population	
Drug misuse.....	229.9
Suicide.....	32.3

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	125
Abuse	--
Drug or alcohol	125
Toxic effects	120
Body systems (includes infections)	11
Accidents and injuries	5

Place of death, 2004

Drug misuse	Deaths
Health care facility	42
Home	49
Public place	9
Other	28
Not documented	0

Drug-related deaths by drug category, 2003-2004

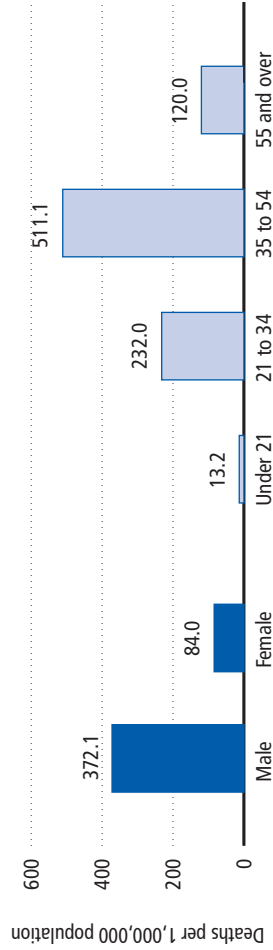
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	123	128	12	18
Alcohol ¹	55	63	4	4
Cocaine	58	62	15	--
Marijuana	--	--	0	0
Stimulants	11	11	--	0
Club drugs ²	--	--	0	0
Hallucinogens ³	0	0	0	0
Inhalants	--	--	0	--
Antidepressants	7	6	--	4
Antipsychotics	--	--	0	0
Benzodiazepines	13	16	0	--
Misc. anxiolytics, sedatives, and hypnotics	--	--	0	--
Opiates/opioids	79	79	13	--
Heroin (specified)	0	--	0	0
Methadone	9	9	--	0
All other opiates/opioids	72	71	11	--
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	--	0	0	--
Misc. analgesics/combinations	7	5	--	5
Anticonvulsants	0	--	0	0
Muscle relaxants	4	--	0	--

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

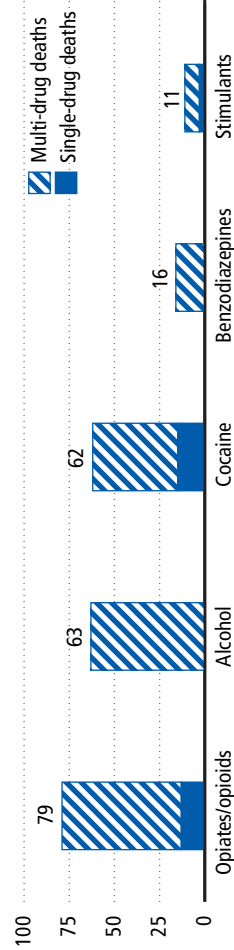
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004



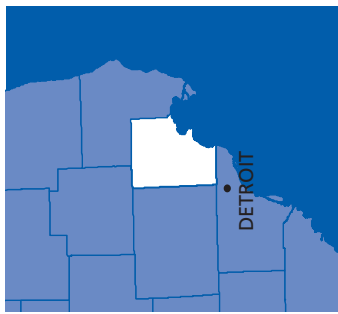
Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

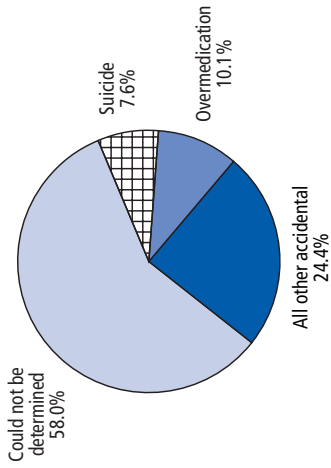
Detroit-Warren-Livonia, MI: Macomb County, MI



Macomb County, MI: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse.....	110
Suicide.....	9
Population 822,660	
Deaths per 1,000,000 population	
Drug misuse.....	133.7
Suicide.....	10.9

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	107
Abuse	8
Drug or alcohol	107
Toxic effects	100
Body systems (includes infections)	8
Accidents and injuries	--

Place of death, 2004

Drug misuse	Deaths
Health care facility	27
Home	69
Public place	--
Other	13
Not documented	0

Drug-related deaths by drug category, 2003-2004

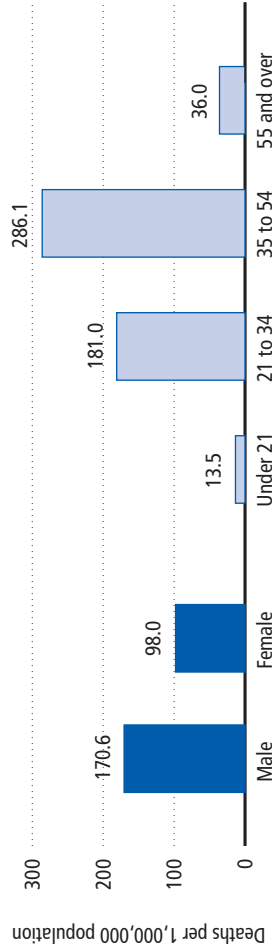
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Single-drug deaths, 2003	Single-drug deaths, 2004
ALL DRUGS	76	110	9	9
Alcohol ¹	18	28	0	4
Cocaine	32	48	4	--
Marijuana	8	11	0	0
Stimulants	0	--	0	0
Club drugs ²	0	0	0	0
Hallucinogens ³	0	0	0	0
Inhalants	0	--	0	0
Antidepressants	12	16	--	4
Antipsychotics	0	--	0	--
Benzodiazepines	22	46	0	7
Misc. anxiolytics, sedatives, and hypnotics	7	11	0	--
Opiates/opioids	60	96	4	8
Heroin (specified)	4	27	--	0
Methadone	8	11	0	--
All other opiates/opioids	53	81	--	8
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	--	0	0	--
Misc. analgesics/combinations	9	15	0	5
Anticonvulsants	--	0	0	0
Muscle relaxants	4	8	0	0

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

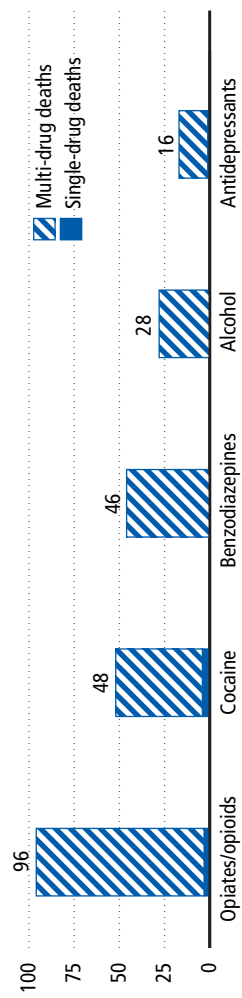
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004

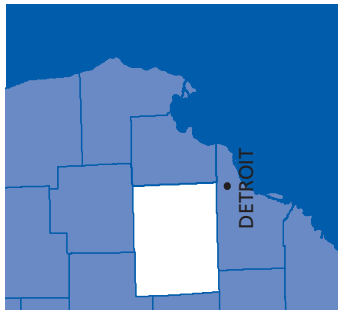


Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

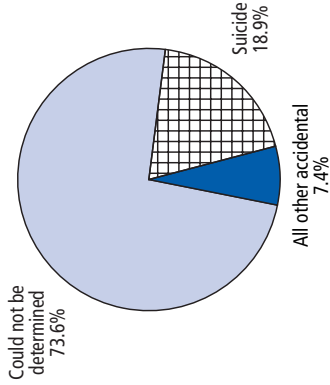
Detroit-Warren-Livonia, MI: Oakland County, MI



Oakland County, MI: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse.....	120
Suicide.....	28
Population 1,213,339	
Deaths per 1,000,000 population	
Drug misuse.....	98.9
Suicide.....	23.1

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	100
Abuse	26
Drug or alcohol	99
Toxic effects	74
Body systems (includes infections)	11
Accidents and injuries	11

Place of death, 2004

Drug misuse	Deaths
Health care facility	28
Home	59
Public place	--
Other	28
Not documented	--

Drug-related deaths by drug category, 2003-2004

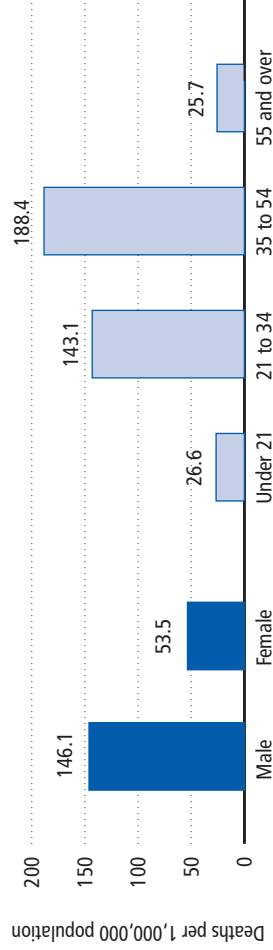
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	116	120	30	18
Alcohol ¹	27	31	0	7
Cocaine	56	53	16	--
Marijuana	27	33	--	--
Stimulants	--	--	0	0
Club drugs ²	0	0	0	0
Hallucinogens ³	0	0	0	0
Inhalants	0	0	0	0
Antidepressants	22	15	0	4
Antipsychotics	--	4	--	--
Benzodiazepines	37	24	0	5
Misc. anxiolytics, sedatives, and hypnotics	0	6	0	4
Opiates/opioids	91	81	8	13
Heroin (specified)	4	5	--	0
Methadone	26	17	--	0
All other opiates/opioids	70	68	4	13
Nonsteroidal anti-inflammatory agents	--	0	0	0
Salicylates/combinations	--	--	--	--
Misc. analgesics/combinations	5	4	0	--
Anticonvulsants	--	--	0	--
Muscle relaxants	13	10	--	--

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

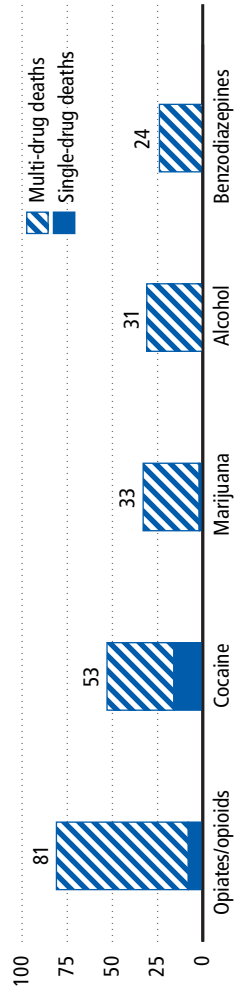
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004

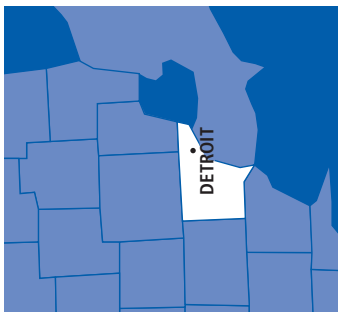


Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

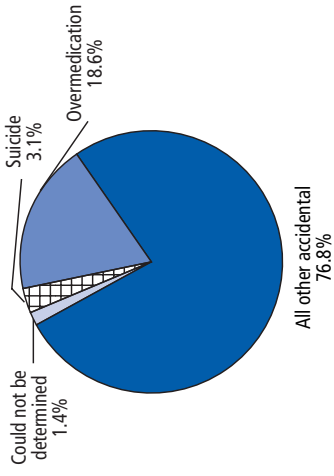
Detroit-Warren-Livonia, MI: Wayne County, MI



Wayne County, MI: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse	401
Suicide	13
Population	2,016,202
Deaths per 1,000,000 population	
Drug misuse	198.9
Suicide	6.4

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	401
Abuse	217
Drug or alcohol	401
Toxic effects	160
Body systems (includes infections)	42
Accidents and injuries	--

Place of death, 2004

Drug misuse	Deaths
Health care facility	143
Home	185
Public place	12
Other	61
Not documented	0

Drug-related deaths by drug category, 2003-2004

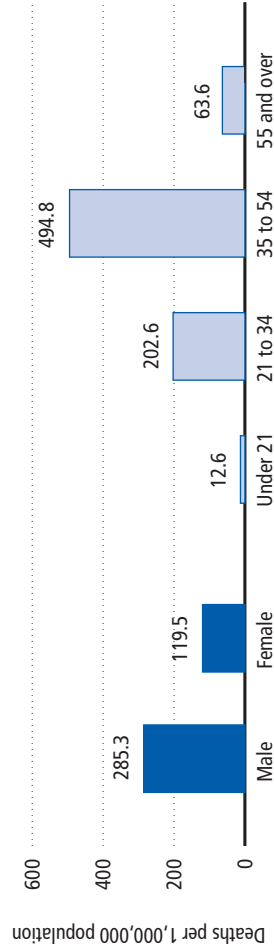
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	339	401	24	13
Alcohol ¹	107	93	0	9
Cocaine	198	217	25	--
Marijuana	0	0	0	0
Stimulants	--	--	0	0
Club drugs ²	0	0	0	0
Hallucinogens ³	0	0	0	0
Inhalants	0	--	0	0
Antidepressants	71	107	--	14
Antipsychotics	23	29	0	5
Benzodiazepines	80	119	0	11
Misc. anxiolytics, sedatives, and hypnotics	76	97	0	10
Opiates/opioids	255	326	7	14
Heroin (Specified)	64	162	--	0
Methadone	39	53	--	0
All other opiates/opioids	213	261	4	14
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	0	0	0	0
Misc. analgesics/combinations	5	9	0	0
Anticonvulsants	7	8	0	--
Muscle relaxants	16	26	0	--

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

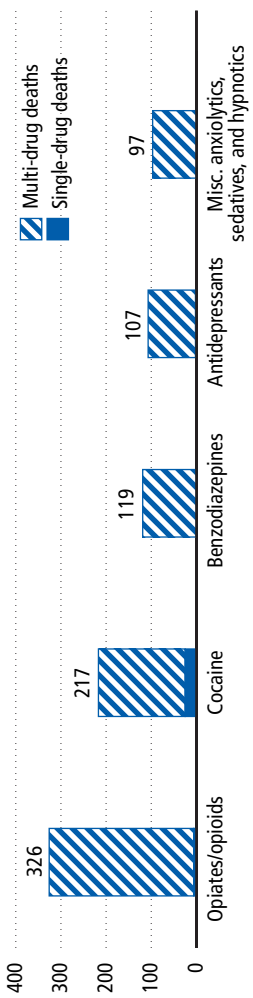
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004

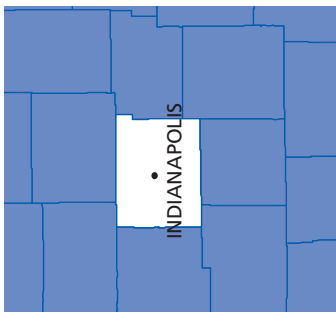


Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

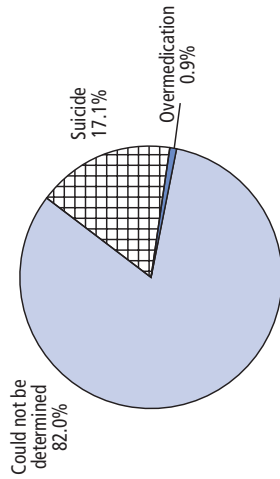
Indianapolis, IN: Marion County, IN



Marion County, IN: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse.....	92
Suicide.....	19
Population..... 863,596	
Deaths per 1,000,000 population	
Drug misuse.....	106.5
Suicide.....	22.0

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	92
Abuse	20
Drug or alcohol	91
Toxic effects	81
Body systems (includes infections)	15
Accidents and injuries	--

Place of death, 2004

Drug misuse	Deaths
Health care facility	18
Home	49
Public place	--
Other	23
Not documented	0

Drug-related deaths by drug category, 2003-2004

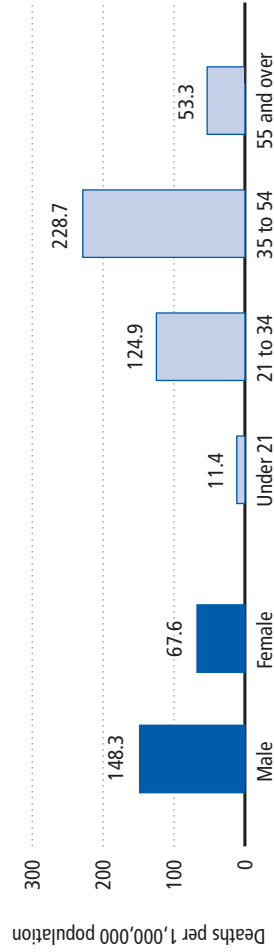
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	72	92	8	19
Alcohol ¹	23	25	0	0
Cocaine	21	40	11	0
Marijuana	14	11	0	0
Stimulants	0	5	0	0
Club drugs ²	0	0	0	0
Hallucinogens ³	0	0	0	0
Inhalants	0	0	0	0
Antidepressants	5	17	0	8
Antipsychotics	0	0	0	0
Benzodiazepines	17	20	0	7
Misc. anxiolytics, sedatives, and hypnotics	5	9	0	4
Opiates/opioids	60	60	5	4
Heroin (Specified)	0	5	0	0
Heroin (Unspecified)	17	14	0	0
Methadone	48	49	0	10
All other opiates/opioids	0	0	0	0
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	0	0	0	0
Misc. analgesics/combinations	4	19	0	5
Anticonvulsants	0	0	0	0
Muscle relaxants	0	7	0	0

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

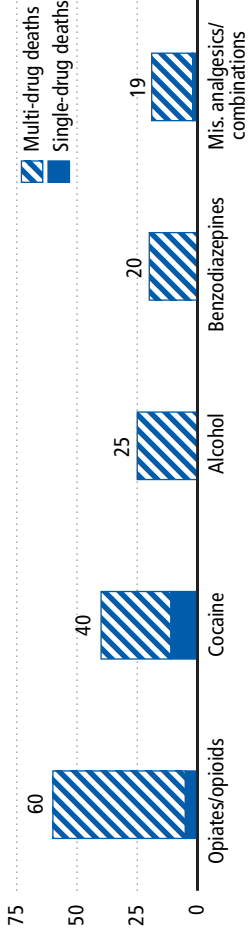
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004

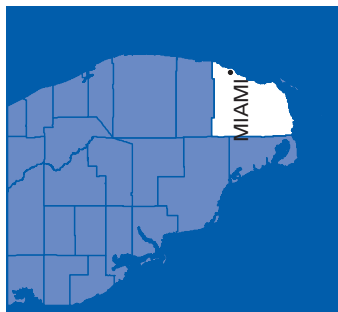


Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (1/12/2005 update).

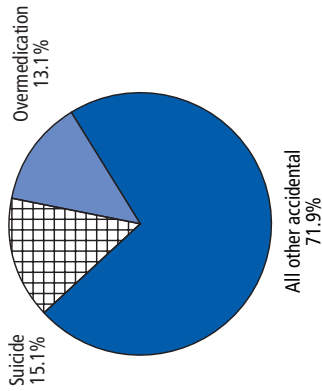
Miami-Fort Lauderdale-Miami Beach, FL: Miami-Dade County, FL



Miami-Dade County, FL: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse.....	169
Suicide.....	30
Population2,363,600	
Deaths per 1,000,000 population	
Drug misuse.....	71.5
Suicide.....	12.7

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	153
Abuse	27
Drug or alcohol	153
Toxic effects	123
Body systems (includes infections)	37
Accidents and injuries	26

Place of death, 2004

Drug misuse	Deaths
Health care facility	52
Home	68
Public place	19
Other	30
Not documented	0

Drug-related deaths by drug category, 2003-2004

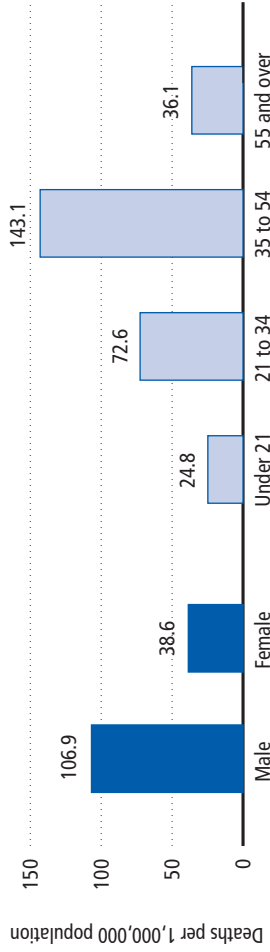
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	159	169	38	30
Alcohol ¹	53	65	11	6
Cocaine	111	111	24	7
Marijuana	5	--	0	0
Stimulants	5	--	0	0
Club drugs ²	8	5	0	0
Hallucinogens ³	--	0	0	0
Inhalants	0	0	0	0
Antidepressants	15	29	0	4
Antipsychotics	--	7	0	0
Benzodiazepines	41	64	0	7
Misc. anxiolytics, sedatives, and hypnotics	8	13	0	4
Opiates/opioids	75	103	--	8
Heroin (Specified)	36	42	--	0
Methodone	8	13	0	--
All other opiates/opioids	56	57	0	8
Nonsteroidal anti-inflammatory agents	--	--	0	0
Salicylates/combinations	0	0	0	0
Misc. analgesics/combinations	12	15	--	4
Anticonvulsants	0	5	0	0
Muscle relaxants	5	5	0	--

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

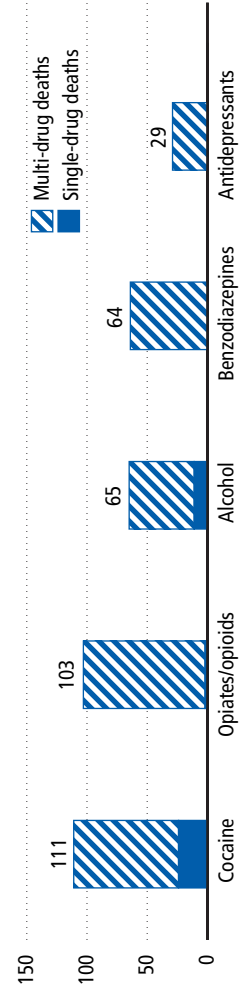
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004

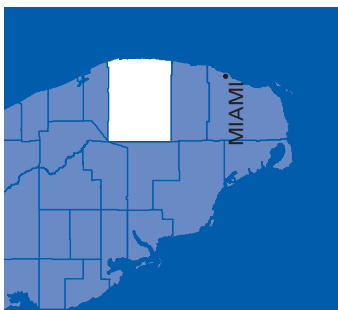


Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

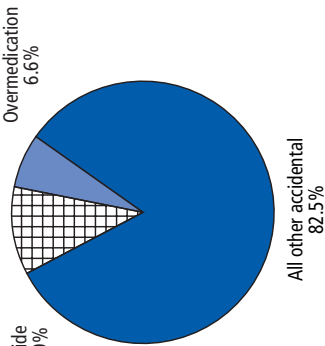
Miami-Fort Lauderdale-Miami Beach, FL: Palm Beach County, FL



Palm Beach County, FL: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse.....	163
Suicide.....	20
Population.....	1,243,230
Deaths per 1,000,000 population	
Drug misuse.....	131.1
Suicide.....	16.1

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	163
Abuse	--
Drug or alcohol	163
Toxic effects	159
Body systems (includes infections)	32
Accidents and injuries	0

Place of death, 2004

Drug misuse	Deaths
Health care facility	26
Home	98
Public place	15
Other	24
Not documented	0

Drug-related deaths by drug category, 2003-2004

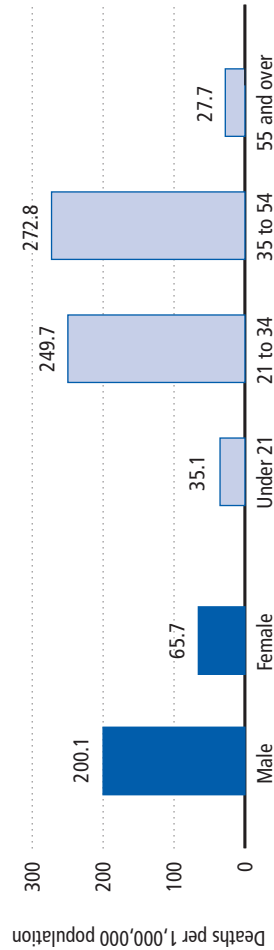
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	163	62	20	9
Alcohol ¹	25	0	--	0
Cocaine	62	15	--	0
Marijuana	4	0	0	0
Stimulants	--	--	0	0
Club drugs ²	4	0	0	0
Hallucinogens ³	0	0	0	0
Inhalants	0	0	0	0
Antidepressants	14	0	--	0
Antipsychotics	0	0	--	--
Benzodiazepines	44	--	4	--
Misc. anxiolytics, sedatives, and hypnotics	8	0	--	0
Opiates/opioids	134	44	11	5
Heroin (Specified)	22	7	0	0
Methodone	65	22	--	--
All other opiates/opioids	64	15	9	4
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	0	0	--	--
Misc. analgesics/combinations	--	0	--	0
Anticonvulsants	0	0	--	0
Muscle relaxants	--	0	--	0

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

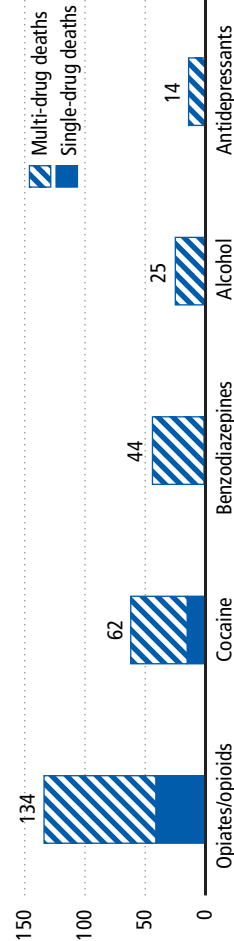
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

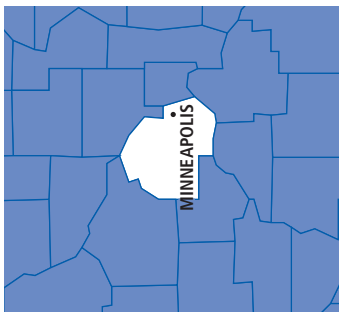
Death rates by gender and age: Drug misuse, 2004



Top 5 drugs involved: Drug misuse deaths, 2004



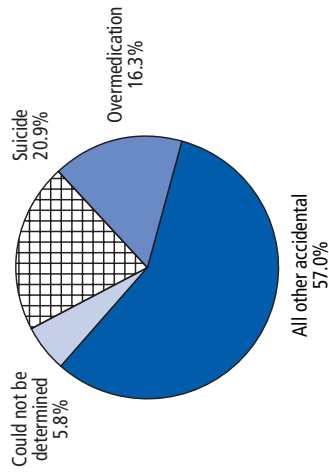
-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).



Hennepin County, MN: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse	68
Suicide	18
Population	
Deaths per 1,000,000 population	1,120,897
Deaths per 1,000,000 population	
Drug misuse	60.7
Suicide	16.1

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	67
Abuse	0
Drug or alcohol	67
Toxic effects	65
Body systems (includes infections)	9
Accidents and injuries	--

Place of death, 2004

Drug misuse	Deaths
Health care facility	14
Home	33
Public place	5
Other	15
Not documented	--

Drug-related deaths by drug category, 2003-2004

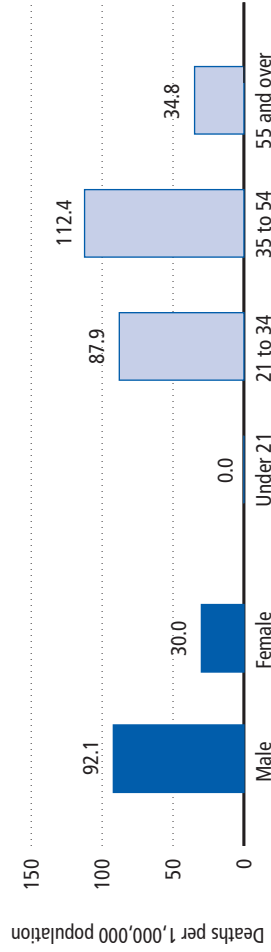
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	67	68	32	18
Alcohol ¹	19	22	0	7
Cocaine	19	24	9	0
Marijuana	0	0	0	0
Stimulants	5	6	6	0
Club drugs ²	0	--	0	0
Hallucinogens ³	0	--	0	0
Inhalants	0	0	0	0
Antidepressants	4	--	0	7
Antipsychotics	--	0	0	4
Benzodiazepines	5	6	0	--
Misc. anxiolytics, sedatives, and hypnotics	4	0	0	4
Opiates/opioids	48	47	15	--
Heroin (Specified)	9	9	--	6
Methadone	11	10	4	0
All other opiates/opioids	32	28	8	6
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	0	--	--	0
Misc. analgesics/combinations	--	0	0	5
Anticonvulsants	0	0	0	8
Muscle relaxants	0	0	0	0

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

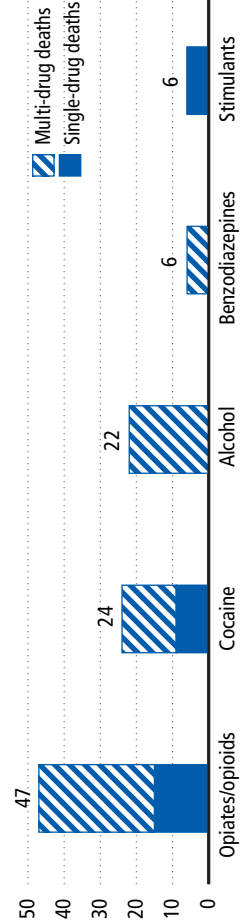
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004

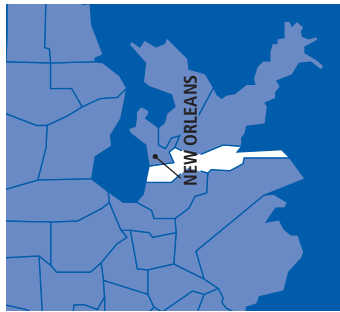


Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

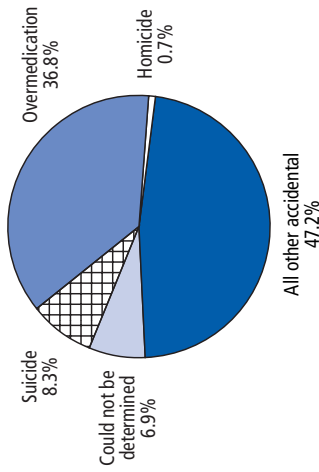
New Orleans-Metairie-Kenner, LA: Jefferson Parish, LA



Jefferson Parish, LA: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse	132
Suicide	12
Population	453,590
Deaths per 1,000,000 population	
Drug misuse	291.0
Suicide	26.5

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	131
Abuse	--
Drug or alcohol	131
Toxic effects	108
Body systems (includes infections)	34
Accidents and injuries	8

Place of death, 2004

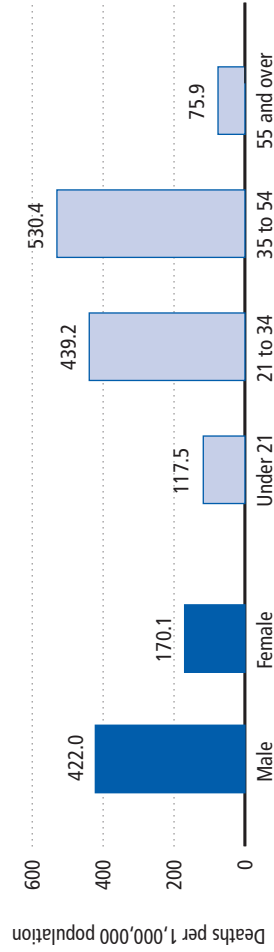
Drug misuse	Deaths
Health care facility	26
Home	75
Public place	--
Other	27
Not documented	--

Drug-related deaths by drug category, 2003-2004

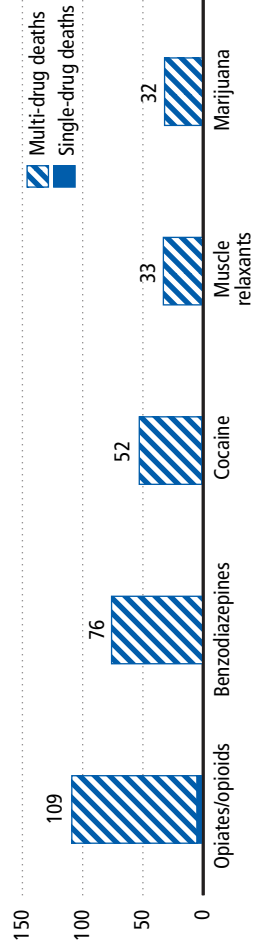
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	108	132	12	12
Alcohol ¹	23	28	0	5
Cocaine	46	52	--	4
Marijuana	13	32	0	0
Stimulants	8	9	0	--
Club drugs ²	--	9	0	0
Hallucinogens ³	0	0	0	0
Inhalants	0	0	0	0
Antidepressants	5	11	0	4
Antipsychotics	0	--	0	0
Benzodiazepines	51	76	0	8
Misc. anxiolytics, sedatives, and hypnotics	21	30	0	--
Opiates/opioids	86	109	5	10
Heroin (specified)	--	--	0	0
Methadone	35	55	4	0
All other opiates/opioids	68	75	--	10
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	--	0	0	0
Misc. analgesics/combinations	6	9	0	4
Anticonvulsants	--	--	0	0
Muscle relaxants	16	33	0	--

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.
³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004

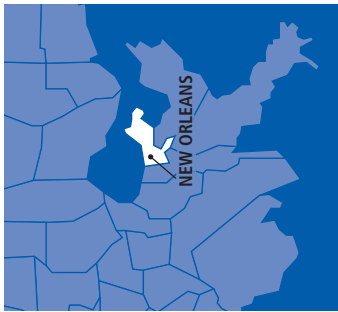


Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

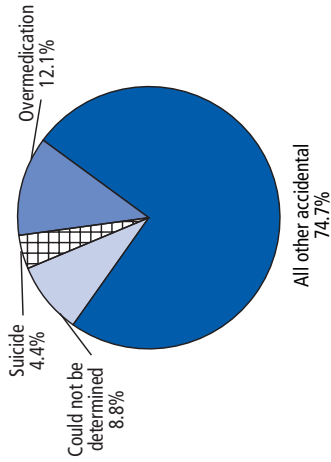
New Orleans-Metairie-Kenner, LA: Orleans Parish, LA



Orleans Parish, LA: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse.....87	
Suicide.....4	
Population.....462,269	
Deaths per 1,000,000 population	
Drug misuse.....188.2	
Suicide.....8.7	

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	84
Abuse	59
Drug or alcohol	84
Toxic effects	10
Body systems (includes infections)	87
Accidents and injuries	21

Place of death, 2004

Drug misuse	Deaths
Health care facility	42
Home	29
Public place	--
Other	13
Not documented	0

Drug-related deaths by drug category, 2003-2004

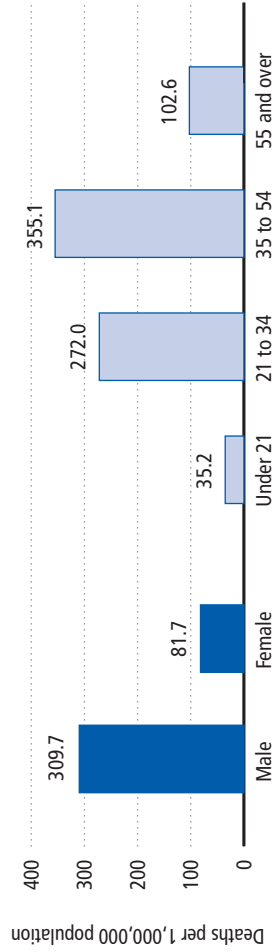
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Single-drug deaths, 2003	Single-drug deaths, 2004
ALL DRUGS	71	87	15	4
Alcohol ¹	32	29	0	--
Cocaine	35	53	14	--
Marijuana	8	12	0	--
Stimulants	--	0	0	0
Club drugs ²	0	5	0	0
Hallucinogens ³	0	0	0	0
Inhalants	0	0	0	0
Antidepressants	6	7	0	4
Antipsychotics	0	--	0	0
Benzodiazepines	15	21	0	--
Misc. anxiolytics, sedatives, and hypnotics	14	10	0	0
Opiates/opioids	45	51	--	4
Heroin (Specified)	5	--	0	0
Methodone	17	20	0	0
All other opiates/opioids	35	44	--	4
Nonsteroidal anti-inflammatory agents	--	--	0	0
Salicylates/combinations	0	0	0	0
Misc. analgesics/combinations	6	--	0	--
Anticonvulsants	--	0	0	0
Muscle relaxants	10	12	0	0

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

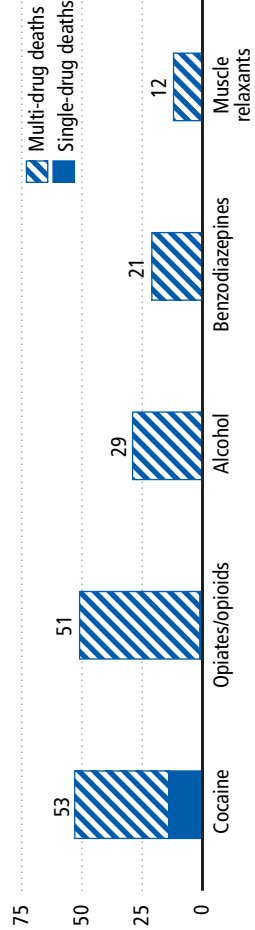
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004

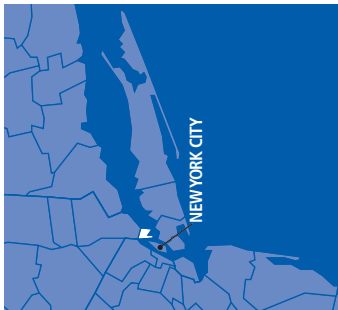


Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

New York-Newark-Edison, NY-NJ-PA: Bronx County, NY

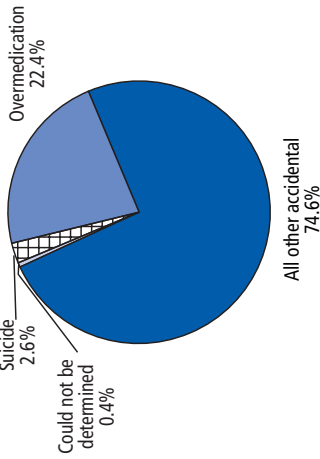


Bronx County, NY:

Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse.....	226
Suicide.....	6
Population	1,365,536
Deaths per 1,000,000 population	
Drug misuse.....	165.5
Suicide.....	4.4

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	225
Abuse	52
Drug or alcohol	222
Toxic effects	178
Body systems (includes infections)	47
Accidents and injuries	--

Place of death, 2004

Drug misuse	Deaths
Health care facility	63
Home	139
Public place	--
Other	23
Not documented	0

Drug-related deaths by drug category, 2003-2004

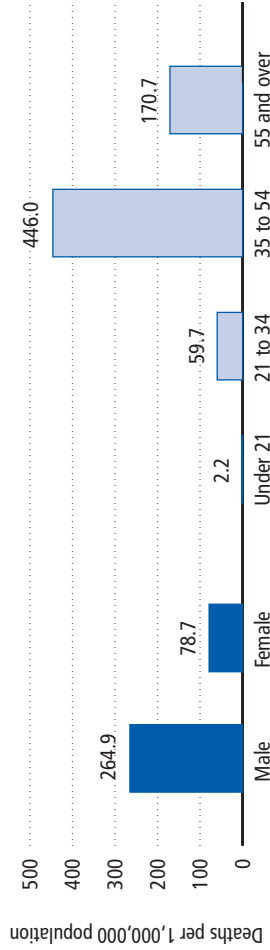
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	181	226	7	6
Alcohol ¹	61	62	--	--
Cocaine	96	122	49	--
Marijuana	10	0	0	0
Stimulants	--	0	0	0
Club drugs ²	0	0	0	0
Hallucinogens ³	--	--	0	0
Inhalants	--	6	0	--
Antidepressants	31	36	0	7
Antipsychotics	8	12	0	0
Benzodiazepines	25	23	0	--
Misc. anxiolytics, sedatives, and hypnotics	22	16	0	--
Opiates/opioids	135	154	18	--
Heroin (specified)	--	10	--	0
Methadone	60	68	7	--
All other opiates/opioids	104	100	8	--
Nonsteroidal anti-inflammatory agents	0	--	0	0
Salicylates/combinations	--	0	0	0
Misc. analgesics/combinations	10	14	0	--
Anticonvulsants	--	--	0	0
Muscle relaxants	--	4	0	0

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

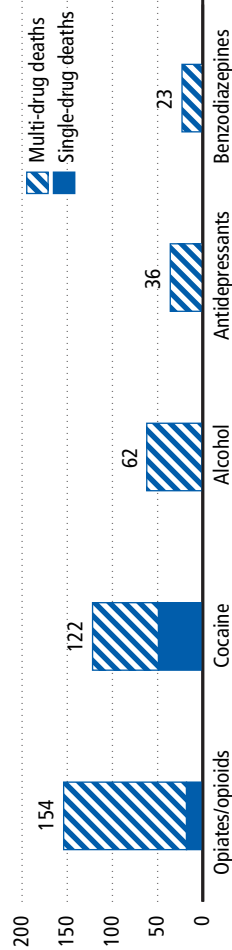
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004



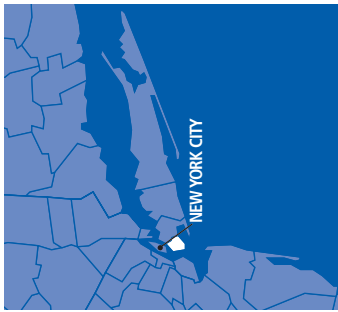
Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

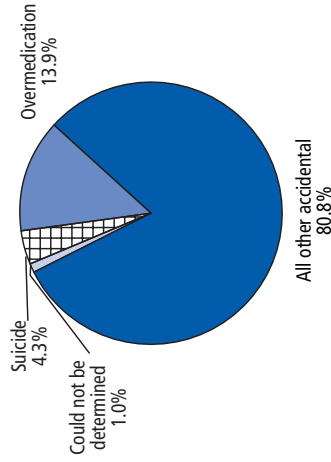
New York-Newark-Edison, NY-NJ-PA: Kings County, NY



Kings County, NY: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse	199
Suicide	9
Population	2,475,290
Deaths per 1,000,000 population	
Drug misuse	80.4
Suicide	3.6

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	199
Abuse	30
Drug or alcohol	199
Toxic effects	168
Body systems (includes infections)	27
Accidents and injuries	--

Place of death, 2004

Drug misuse	Deaths
Health care facility	68
Home	118
Public place	0
Other	9
Not documented	4

Drug-related deaths by drug category, 2003-2004

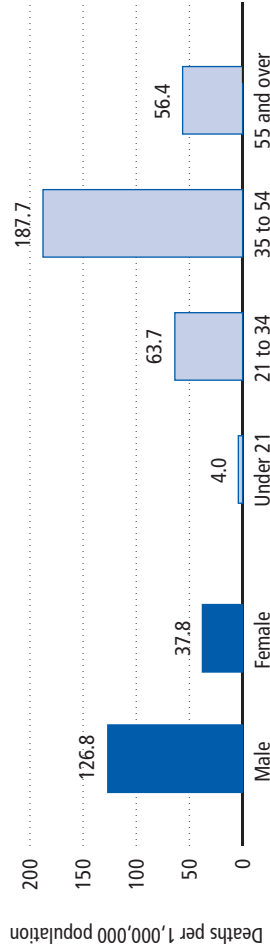
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	226	199	8	9
Alcohol ¹	76	50	0	--
Cocaine	132	107	37	0
Marijuana	10	--	0	0
Stimulants	0	0	0	0
Club drugs ²	--	--	0	0
Hallucinogens ³	--	0	0	0
Inhalants	6	--	0	0
Antidepressants	49	34	--	5
Antipsychotics	11	12	0	--
Benzodiazepines	45	35	0	--
Misc. anxiolytics, sedatives, and hypnotics	34	19	--	--
Opiates/opioids	166	130	16	6
Heroin (Specified)	--	--	--	0
Mehtadone	70	45	--	0
All other opiates/opioids	126	95	12	4
Nonsteroidal anti-inflammatory agents	--	--	0	0
Salicylates/combinations	4	0	0	0
Misc. analgesics/combinations	18	14	0	--
Anticonvulsants	5	4	0	--
Muscle relaxants	4	--	0	0

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

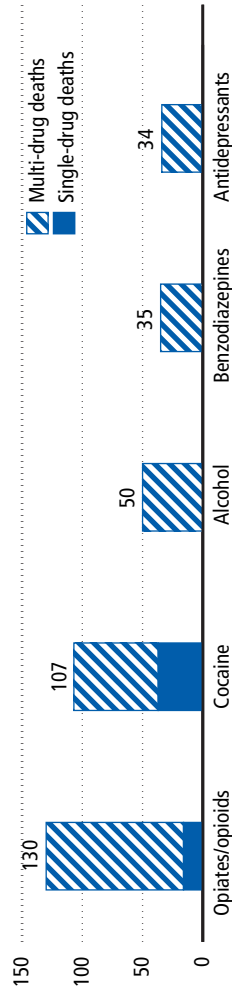
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004

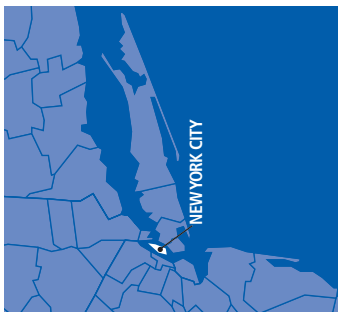


Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

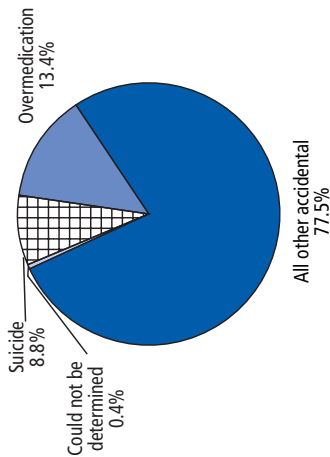
New York-Newark-Edison, NY-NJ-PA: New York County, NY



New York County, NY: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse.....	239
Suicide.....	23
Population	1,562,723
Deaths per 1,000,000 population	
Drug misuse.....	152.9
Suicide.....	14.7

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	235
Abuse	25
Drug or alcohol	232
Toxic effects	204
Body systems (includes infections)	50
Accidents and injuries	4

Place of death, 2004

Drug misuse	Deaths
Health care facility	86
Home	112
Public place	14
Other	21
Not documented	6

Drug-related deaths by drug category, 2003-2004

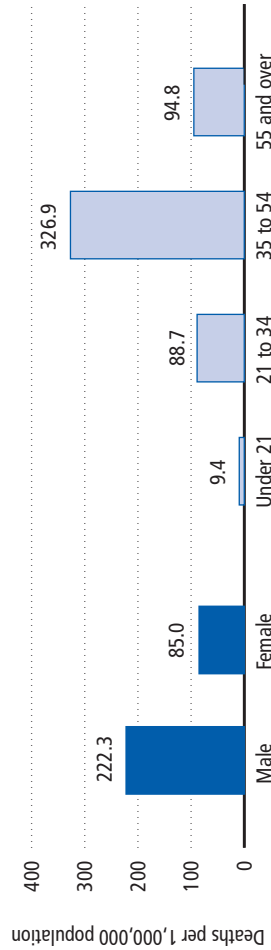
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	220	239	13	23
Alcohol ¹	74	78	0	4
Cocaine	113	133	0	5
Marijuana	7	--	--	--
Stimulants	--	--	0	0
Club drugs ²	--	--	0	0
Hallucinogens ³	6	5	0	0
Inhalants	5	7	--	--
Antidepressants	52	45	0	6
Antipsychotics	12	9	0	9
Benzodiazepines	42	47	--	8
Misc. anxiolytics, sedatives, and hypnotics	20	32	0	5
Opiates/opioids	166	157	13	7
Heroin (specified)	22	23	--	0
Methadone	56	53	5	0
All other opiates/opioids	115	101	6	5
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	--	0	--	0
Misc. analgesics/combinations	13	15	4	5
Anticonvulsants	--	4	--	--
Muscle relaxants	--	--	--	0

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

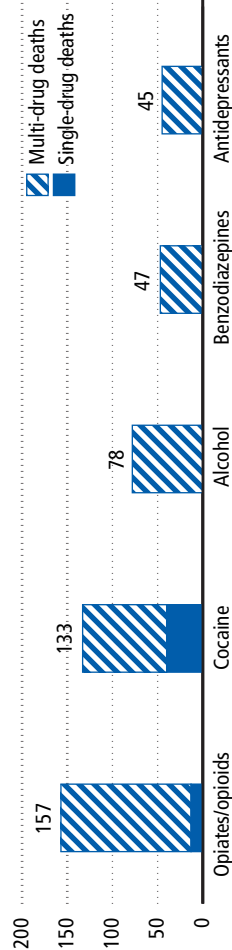
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004



Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (1/1/2005 update).

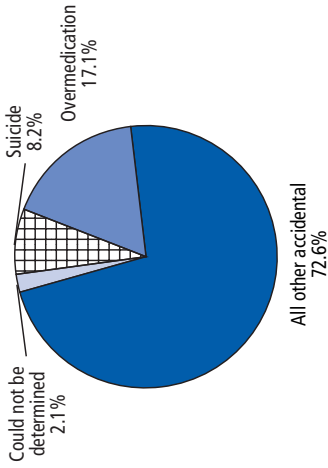
New York-Newark-Edison, NY-NJ-PA: Queens County, NY



Queens County, NY: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse.....	134
Suicide.....	12
Population	2,237,216
Deaths per 1,000,000 population	
Drug misuse.....	59.9
Suicide.....	5.4

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	130
Abuse	20
Drug or alcohol	130
Toxic effects	110
Body systems (includes infections)	32
Accidents and injuries	6

Place of death, 2004

Drug misuse	Deaths
Health care facility	43
Home	68
Public place	9
Other	11
Not documented	--

Drug-related deaths by drug category, 2003-2004

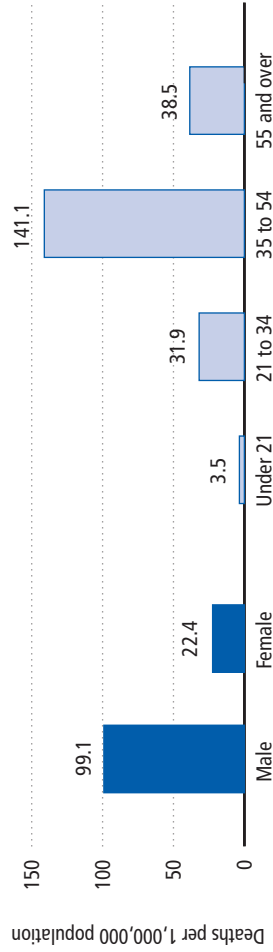
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	148	134	6	12
Alcohol ¹	53	33	0	--
Cocaine	68	65	22	0
Marijuana	--	9	--	0
Stimulants	0	0	0	0
Club drugs ²	--	--	0	0
Hallucinogens ³	--	--	0	--
Inhalants	6	--	0	0
Antidepressants	31	28	0	4
Antipsychotics	7	15	0	0
Benzodiazepines	35	42	--	--
Misc. anxiolytics, sedatives, and hypnotics	21	17	0	6
Opiates/opioids	91	90	9	5
Heroin (specified)	9	6	0	0
Methadone	28	38	5	4
All other opiates/opioids	69	61	4	4
Nonsteroidal anti-inflammatory agents	0	--	0	0
Salicylates/combinations	--	0	0	0
Misc. analgesics/combinations	17	7	0	7
Anticonvulsants	5	5	0	--
Muscle relaxants	0	0	0	--

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

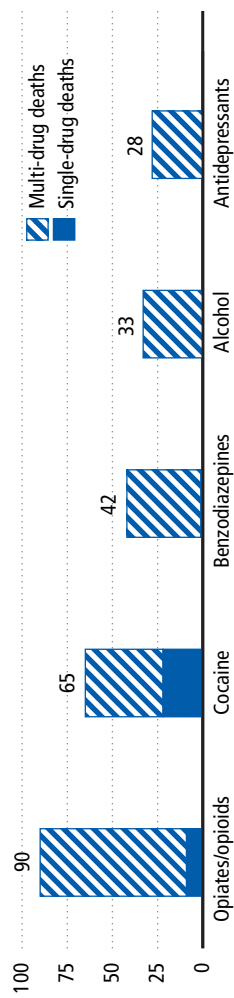
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004



Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

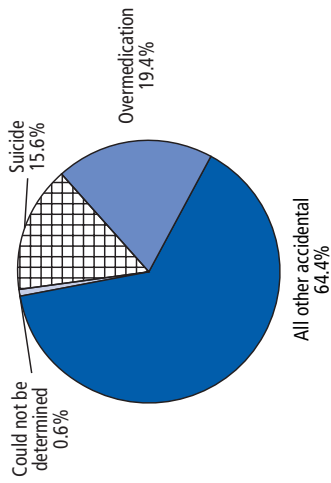
New York-Newark-Edison, NY-NJ-PA: Suffolk County, NY



Suffolk County, NY: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse	135
Suicide	25
Population	1,475,488
Deaths per 1,000,000 population	
Drug misuse	91.5
Suicide	16.9

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	131
Abuse	5
Drug or alcohol	131
Toxic effects	116
Body systems (includes infections)	21
Accidents and injuries	--

Place of death, 2004

Drug misuse	Deaths
Health care facility	24
Home	96
Public place	--
Other	11
Not documented	--

Drug-related deaths by drug category, 2003-2004

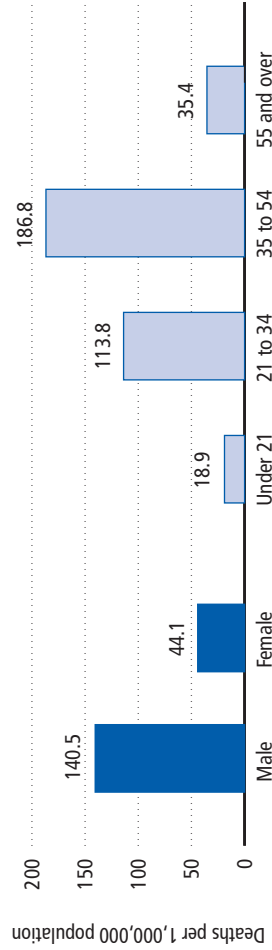
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	124	135	14	25
Alcohol ¹	50	34	7	--
Cocaine	63	59	16	0
Marijuana	21	6	0	0
Stimulants	4	0	0	0
Club drugs ²	--	0	0	0
Hallucinogens ³	--	0	0	0
Inhalants	0	--	0	0
Antidepressants	30	20	0	9
Antipsychotics	15	--	0	7
Benzodiazepines	39	40	--	4
Misc. anxiolytics, sedatives, and hypnotics	13	16	0	5
Opiates/opioids	96	102	15	8
Heroin (Specified)	43	33	6	0
Methodone	25	27	--	0
All other opiates/opioids	62	63	8	8
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	--	--	0	--
Misc. analgesics/combinations	7	9	0	6
Anticonvulsants	0	0	0	--
Muscle relaxants	10	11	--	--

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

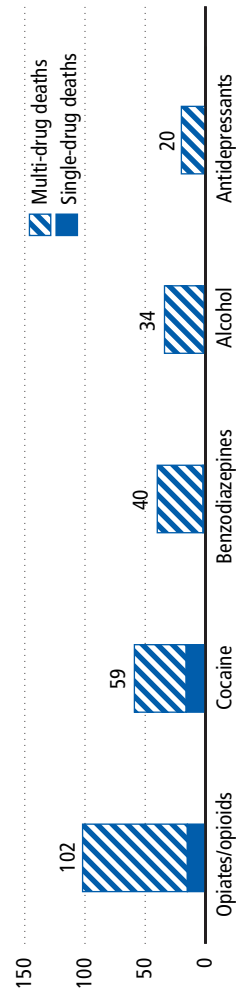
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004



Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.

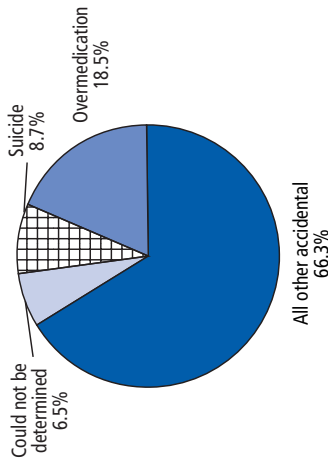
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).



Camden County, NJ: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse.....	84
Suicide.....	8
Population	516,282
Deaths per 1,000,000 population	
Drug misuse.....	162.7
Suicide.....	15.5

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	77
Abuse	0
Drug or alcohol	77
Toxic effects	76
Body systems (includes infections)	5
Accidents and injuries	--

Place of death, 2004

Drug misuse	Deaths
Health care facility	13
Home	48
Public place	5
Other	18
Not documented	0

Drug-related deaths by drug category, 2003-2004

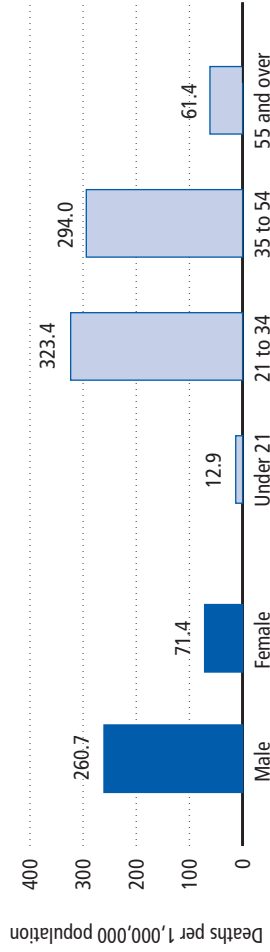
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	62	84	9	8
Alcohol ¹	23	27	--	--
Cocaine	27	41	--	0
Marijuana	12	15	--	0
Stimulants	--	--	0	0
Club drugs ²	--	--	0	0
Hallucinogens ³	--	0	0	0
Inhalants	0	0	--	0
Anidepressants	5	9	6	--
Antipsychotics	--	--	--	--
Benzodiazepines	21	41	--	--
Misc. anxiolytics, sedatives, and hypnotics	10	4	4	0
Opiates/opioids	46	70	--	6
Heroin (specified)	16	18	0	--
Methadone	7	28	--	--
All other opiates/opioids	36	56	--	5
Nonsteroidal anti-inflammatory agents	0	0	--	0
Salicylates/combinations	--	0	0	0
Misc. analgesics/combinations	14	22	--	0
Anticonvulsants	--	--	0	--
Muscle relaxants	--	--	--	--

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

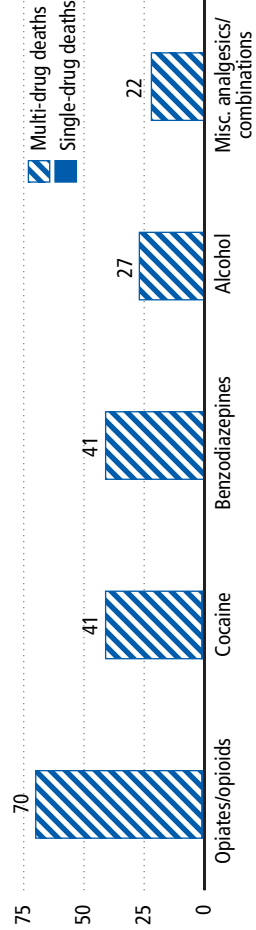
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004

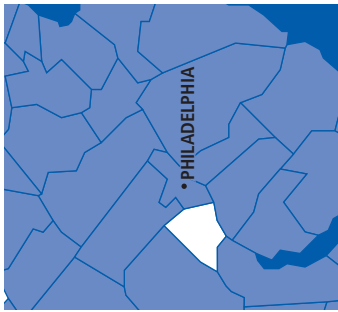


Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

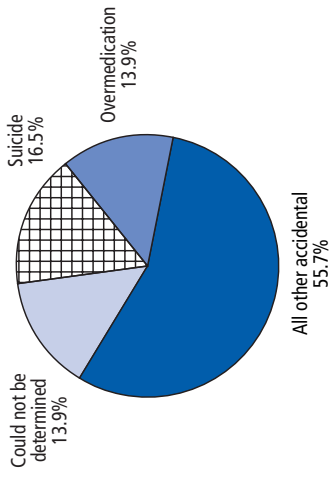
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD: Delaware County, PA



Delaware County, PA: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse	66
Suicide	13
Population	555,040
Deaths per 1,000,000 population	
Drug misuse	118.9
Suicide	23.4

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	63
Abuse	0
Drug or alcohol	63
Toxic effects	61
Body systems (includes infections)	7
Accidents and injuries	--

Place of death, 2004

Drug misuse	Deaths
Health care facility	15
Home	40
Public place	0
Other	11
Not documented	0

Drug-related deaths by drug category, 2003-2004

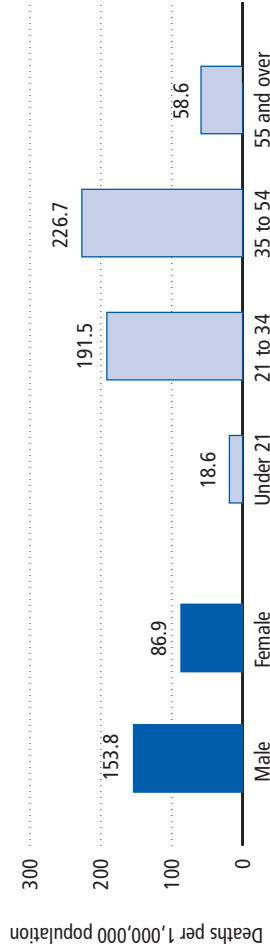
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	69	66	16	13
Alcohol ¹	19	19	7	--
Cocaine	30	29	4	0
Marijuana	--	4	0	--
Stimulants	--	--	0	0
Club drugs ²	0	--	0	0
Hallucinogens ³	4	--	0	0
Inhalants	--	--	--	0
Antidepressants	17	13	0	7
Antipsychotics	4	0	--	--
Benzodiazepines	23	26	0	4
Misc. anxiolytics, sedatives, and hypnotics	5	5	0	0
Opiates/opioids	49	50	9	7
Heroin (specified)	--	--	0	0
Methadone	13	12	--	--
All other opiates/opioids	36	38	8	7
Nonsteroidal anti-inflammatory agents	0	--	0	--
Salicylates/combinations	--	0	0	--
Misc. analgesics/combinations	5	6	0	4
Anticonvulsants	--	--	0	0
Muscle relaxants	--	4	0	--

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

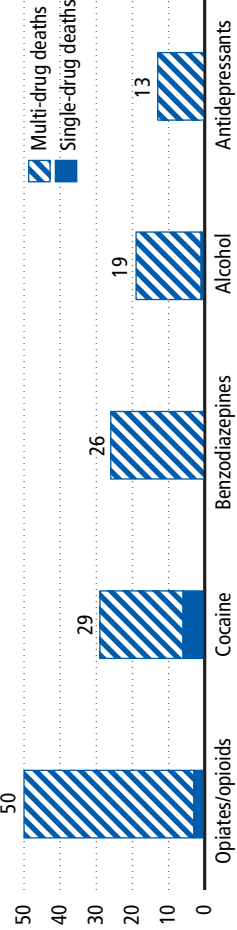
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

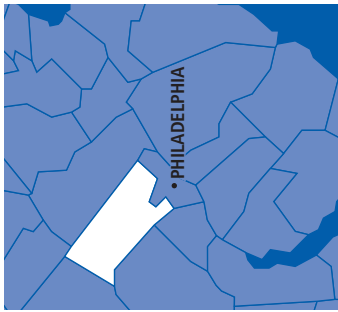
Death rates by gender and age: Drug misuse, 2004



Top 5 drugs involved: Drug misuse deaths, 2004



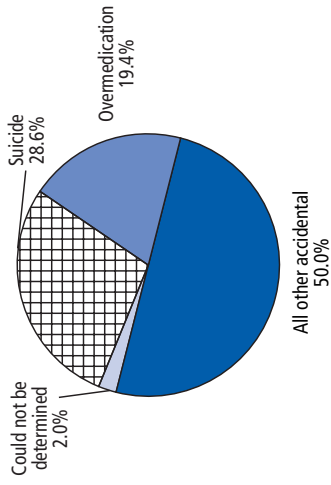
-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).



Montgomery County, PA: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse.....	70
Suicide.....	28
Population..... 774,029	
Deaths per 1,000,000 population	
Drug misuse.....	90.4
Suicide.....	36.2

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	61
Abuse	0
Drug or alcohol	58
Toxic effects	58
Body systems (includes infections)	5
Accidents and injuries	8

Place of death, 2004

Drug misuse	Deaths
Health care facility	23
Home	32
Public place	--
Other	13
Not documented	0

Drug-related deaths by drug category, 2003-2004

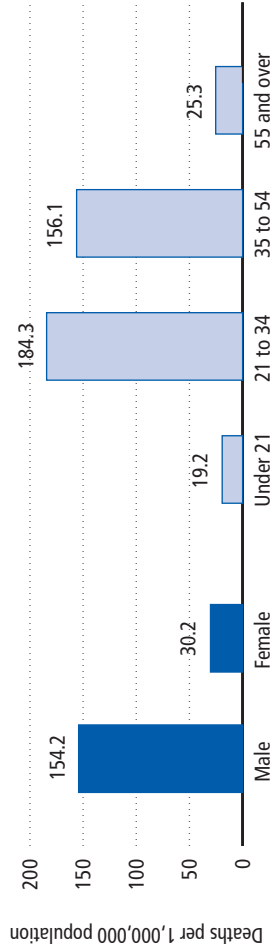
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	66	70	18	28
Alcohol ¹	18	11	0	7
Cocaine	26	27	8	5
Marijuana	14	15	--	--
Stimulants	4	--	0	--
Club drugs ²	0	0	0	0
Hallucinogens ³	0	0	0	0
Inhalants	0	0	0	0
Antidepressants	10	18	--	8
Antipsychotics	--	--	0	0
Benzodiazepines	24	27	--	13
Misc. anxiolytics, sedatives, and hypnotics	5	8	0	7
Opiates/opioids	35	38	4	8
Heroin (Specified)	--	4	--	0
Methadone	4	8	--	0
All other opiates/opioids	30	31	--	7
Nonsteroidal anti-inflammatory agents	0	--	0	0
Salicylates/combinations	--	--	0	0
Misc. analgesics/combinations	4	8	0	7
Anticonvulsants	--	--	0	0
Muscle relaxants	4	6	0	--

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

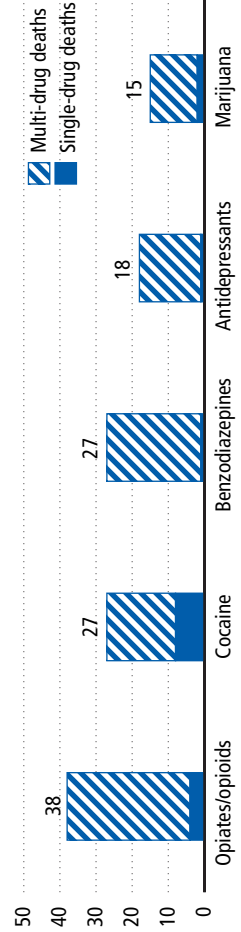
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004

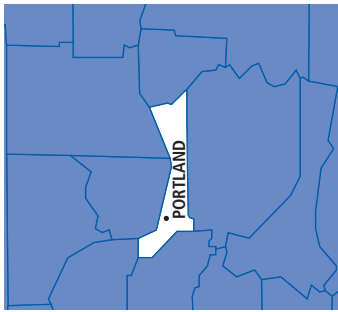


Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

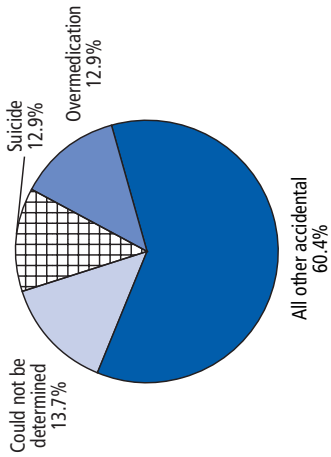
Portland-Vancouver-Beaverton, OR-WA: Multnomah County, OR



Multnomah County, OR: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse	121
Suicide	18
Population	
Deaths per 1,000,000 population	672,161
Drug misuse	180.0
Suicide	26.8

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	121
Abuse	16
Drug or alcohol	121
Toxic effects	95
Body systems (includes infections)	--
Accidents and injuries	0

Place of death, 2004

Drug misuse	Deaths
Health care facility	10
Home	74
Public place	11
Other	25
Not documented	--

Drug-related deaths by drug category, 2003-2004

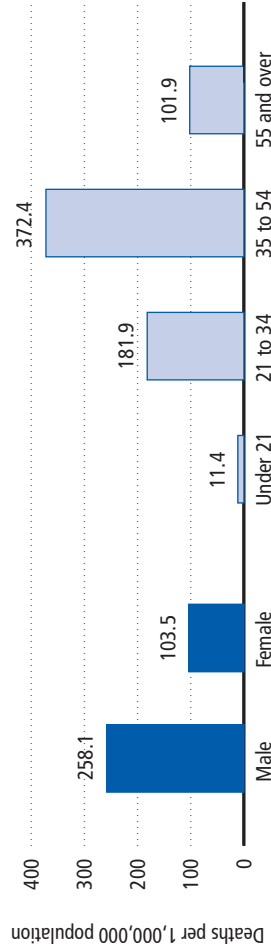
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	119	121	17	18
Alcohol ¹	43	49	0	9
Cocaine	45	48	4	0
Marijuana	13	11	0	--
Stimulants	19	19	--	--
Club drugs ²	0	0	0	0
Hallucinogens ³	0	0	0	0
Inhalants	--	--	0	0
Antidepressants	33	26	0	9
Antipsychotics	6	--	0	4
Benzodiazepines	26	25	0	4
Misc. anxiolytics, sedatives, and hypnotics	7	10	0	4
Opiates/opioids	95	103	9	7
Heroin (specified)	32	57	5	0
Methadone	22	27	4	--
All other opiates/opioids	71	41	0	6
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	--	0	0	0
Misc. analgesics/combinations	--	0	0	--
Anticonvulsants	--	--	0	0
Muscle relaxants	4	--	0	--

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

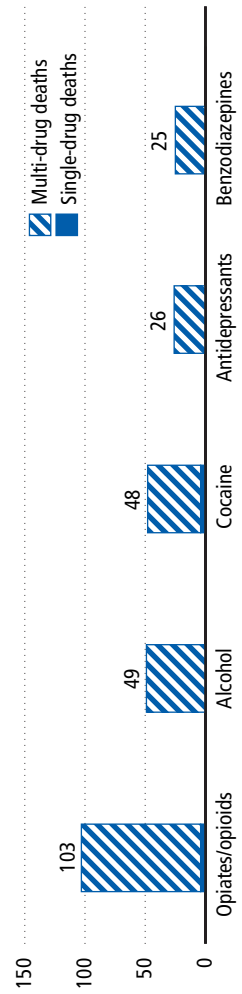
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004



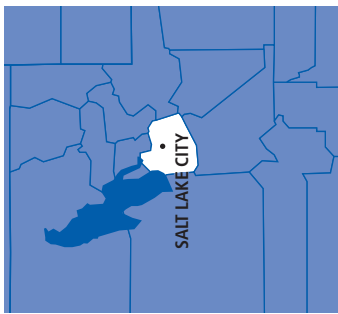
Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

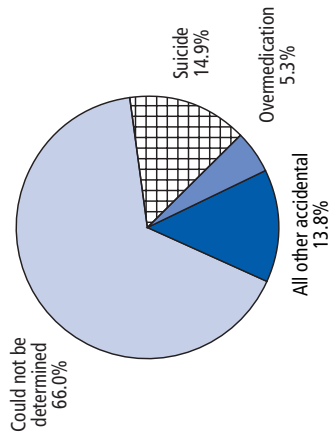
Salt Lake City, UT: Salt Lake County, UT



Salt Lake County, UT: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse	160
Suicide	28
Population	
Deaths per 1,000,000 population	935,295
Drug misuse	171.1
Suicide	29.9

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	158
Abuse	15
Drug or alcohol	158
Toxic effects	155
Body systems (includes infections)	15
Accidents and injuries	0

Place of death, 2004

Drug misuse	Deaths
Health care facility	40
Home	106
Public place	7
Other	7
Not documented	0

Drug-related deaths by drug category, 2003-2004

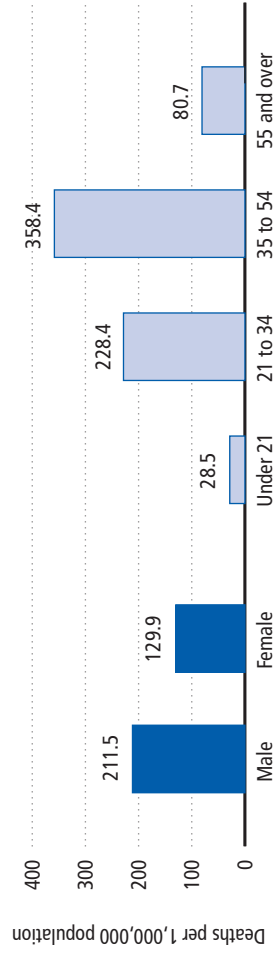
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	175	160	30	28
Alcohol ¹	31	43	0	7
Cocaine	63	54	4	--
Marijuana	7	12	0	0
Stimulants	34	36	0	4
Club drugs ²	--	--	0	0
Hallucinogens ³	--	--	0	0
Inhalants	--	--	0	0
Antidepressants	63	59	0	12
Antipsychotics	8	5	0	5
Benzodiazepines	35	45	0	8
Misc. anxiolytics, sedatives, and hypnotics	41	44	0	12
Opiates/opioids	140	138	5	12
Heroin (Specified)	22	17	--	0
Methadone	46	48	--	--
All other opiates/opioids	94	93	--	12
Nonsteroidal anti-inflammatory agents	--	--	0	0
Salicylates/combinations	0	0	0	0
Misc. analgesics/combinations	18	19	--	9
Anticonvulsants	11	11	0	0
Muscle relaxants	23	13	0	4

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

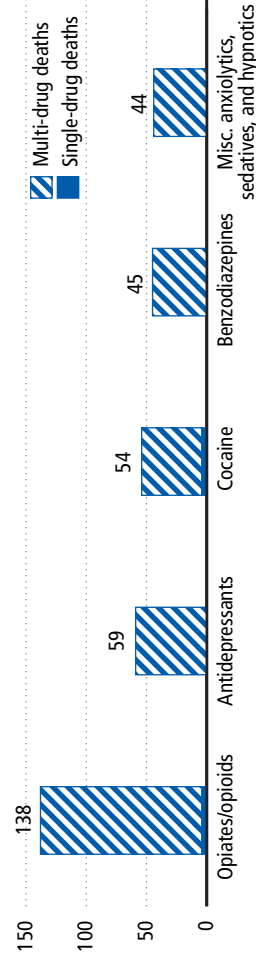
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004



Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

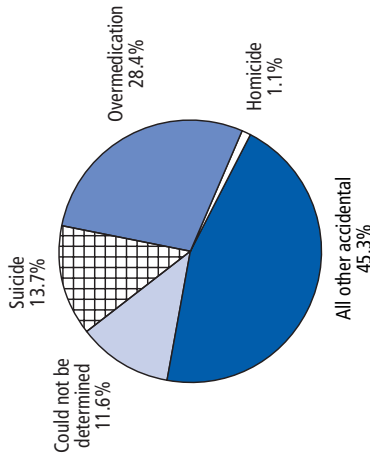
San Francisco-Oakland-Fremont, CA: San Mateo County, CA



San Mateo County, CA: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse.....	82
Suicide.....	13
Population 699,216	
Deaths per 1,000,000 population	
Drug misuse.....	117.3
Suicide.....	18.6

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	55
Abuse	0
Drug or alcohol	55
Toxic effects	54
Body systems (includes infections)	31
Accidents and injuries	11

Place of death, 2004

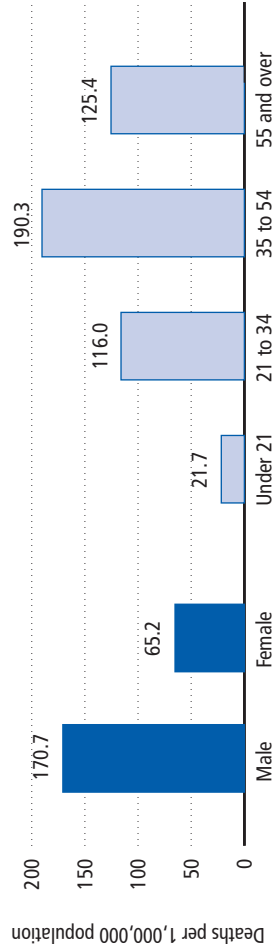
Drug misuse	Deaths
Health care facility	18
Home	47
Public place	12
Other	5
Not documented	0

Drug-related deaths by drug category, 2003-2004

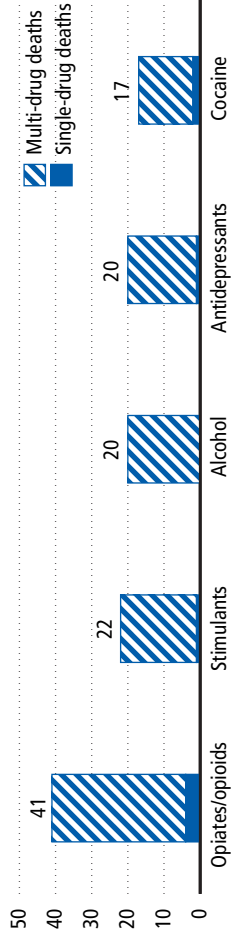
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	58	82	15	13
Alcohol ¹	14	20	0	--
Cocaine	18	17	5	--
Marijuana	--	--	0	0
Stimulants	15	22	4	--
Club drugs ²	--	0	0	0
Hallucinogens ³	0	0	0	0
Inhalants	0	--	0	--
Antidepressants	15	20	4	5
Antipsychotics	--	5	0	--
Benzodiazepines	7	13	0	5
Misc. anxiolytics, sedatives, and hypnotics	--	15	0	4
Opiates/opioids	23	41	4	5
Heroin (specified)	--	--	0	--
Methadone	--	6	0	0
All other opiates/opioids	20	38	5	5
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	0	0	0	0
Misc. analgesics/combinations	11	15	0	--
Anticonvulsants	0	8	0	--
Muscle relaxants	0	7	0	0

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.
³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004

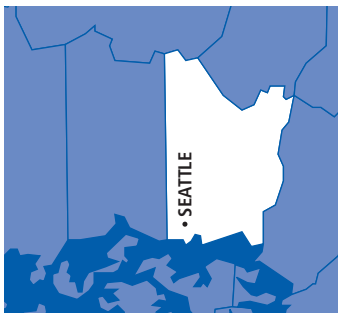


Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

Seattle-Tacoma-Bellevue, WA: King County, WA

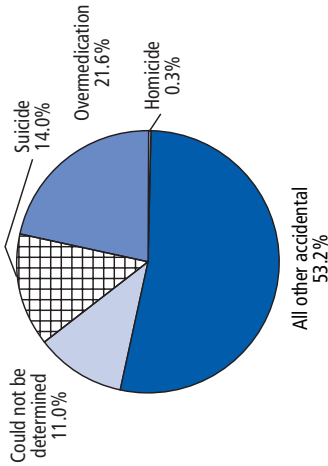


King County, WA:

Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse.....	259
Suicide.....	42
Population.....	1,777,143
Deaths per 1,000,000 population	
Drug misuse.....	145.7
Suicide.....	23.6

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	231
Abuse	10
Drug or alcohol	230
Toxic effects	217
Body systems (includes infections)	54
Accidents and injuries	19

Place of death, 2004

Drug misuse	Deaths
Health care facility	61
Home	133
Public place	33
Other	32
Not documented	0

Drug-related deaths by drug category, 2003-2004

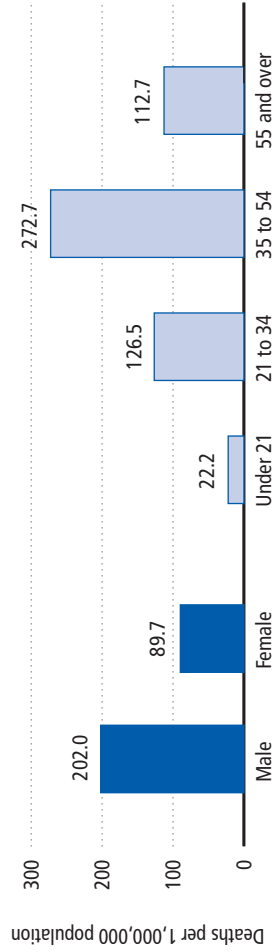
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	154	259	67	14
Alcohol ¹	33	75	--	8
Cocaine	46	99	20	--
Marijuana	0	5	0	0
Stimulants	16	25	7	0
Club drugs ²	--	--	0	0
Hallucinogens ³	0	--	--	0
Inhalants	0	--	0	--
Antidepressants	62	68	--	19
Antipsychotics	7	6	0	0
Benzodiazepines	28	36	0	5
Misc. anxiolytics, sedatives, and hypnotics	29	32	0	8
Opiates/opioids	114	177	22	11
Heroin (Specified)	18	42	13	--
Methadone	44	67	4	--
All other opiates/opioids	67	94	5	10
Nonsteroidal anti-inflammatory agents	--	0	0	--
Salicylates/combinations	--	--	--	4
Misc. analgesics/combinations	5	12	4	5
Anticonvulsants	15	15	0	--
Muscle relaxants	10	11	0	4

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

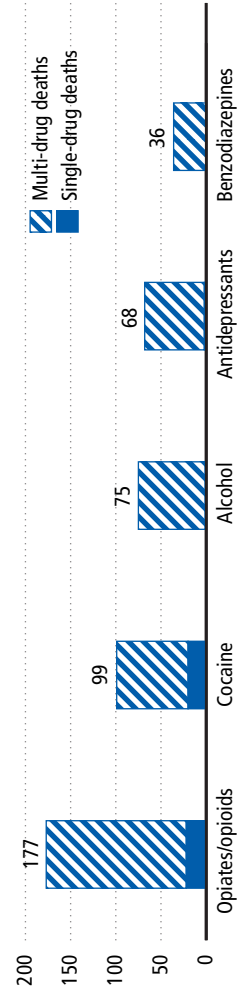
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004

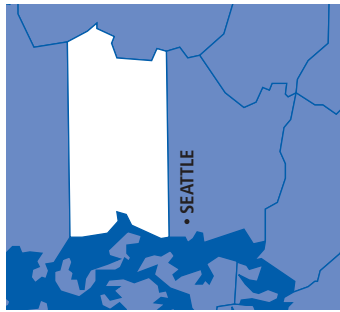


Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

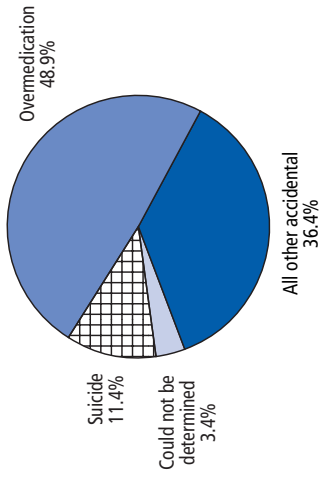
Seattle-Tacoma-Bellevue, WA: Snohomish County, WA



Snohomish County, WA: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse.....	78
Suicide.....	10
Population	
Deaths per 1,000,000 population	644,274
Drug misuse.....	121.1
Suicide.....	15.5

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	74
Abuse	0
Drug or alcohol	74
Toxic effects	74
Body systems (includes infections)	9
Accidents and injuries	0

Place of death, 2004

Drug misuse	Deaths
Health care facility	15
Home	50
Public place	--
Other	11
Not documented	0

Drug-related deaths by drug category, 2003-2004

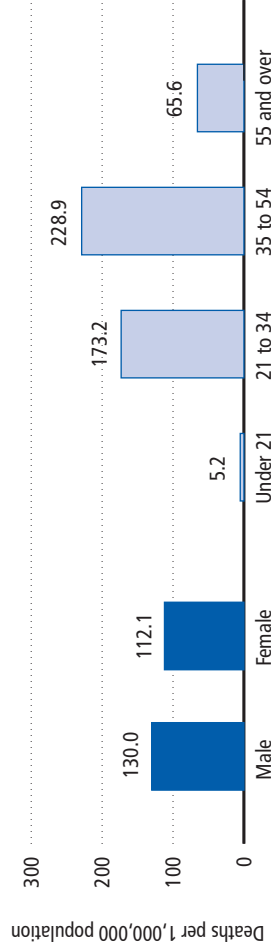
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Single-drug deaths, 2004	Deaths, 2004
ALL DRUGS	65	78	16	15
Alcohol ¹	15	14	0	5
Cocaine	19	17	5	--
Marijuana	0	0	0	0
Stimulants	10	6	4	--
Club drugs ²	--	0	0	0
Hallucinogens ³	0	0	0	0
Inhalants	--	--	--	0
Antidepressants	24	33	0	8
Antipsychotics	--	--	0	0
Benzodiazepines	24	23	0	4
Misc. anxiolytics, sedatives, and hypnotics	9	11	0	--
Opiates/opioids	51	62	6	6
Heroin (specified)	--	--	0	0
Methadone	23	33	--	0
All other opiates/opioids	32	36	--	6
Nonsteroidal anti-inflammatory agents	--	--	0	0
Salicylates/combinations	0	0	0	--
Misc. analgesics/combinations	--	10	0	--
Anticonvulsants	7	7	0	0
Muscle relaxants	4	8	0	--

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

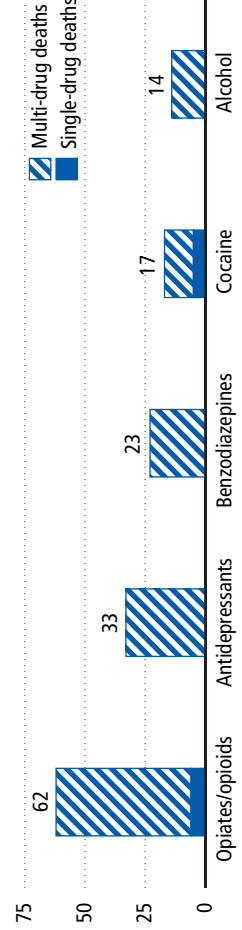
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004

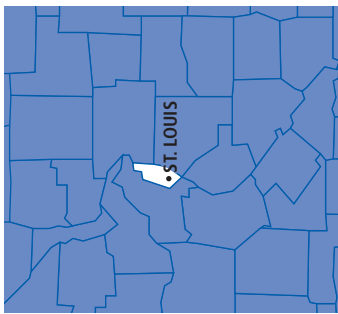


Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

St. Louis, MO-IL: St. Louis City, MO

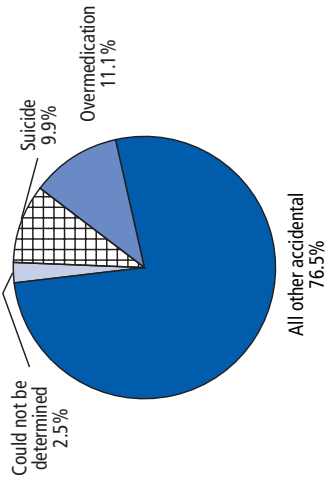


St. Louis City, MO:

Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse.....	73
Suicide.....	8
Population..... 343,279	
Deaths per 1,000,000 population	
Drug misuse.....	212.7
Suicide.....	23.3

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	73
Abuse	0
Drug or alcohol	73
Toxic effects	53
Body systems (includes infections)	26
Accidents and injuries	0

Place of death, 2004

Drug misuse	Deaths
Health care facility	38
Home	20
Public place	0
Other	15
Not documented	0

Drug-related deaths by drug category, 2003-2004

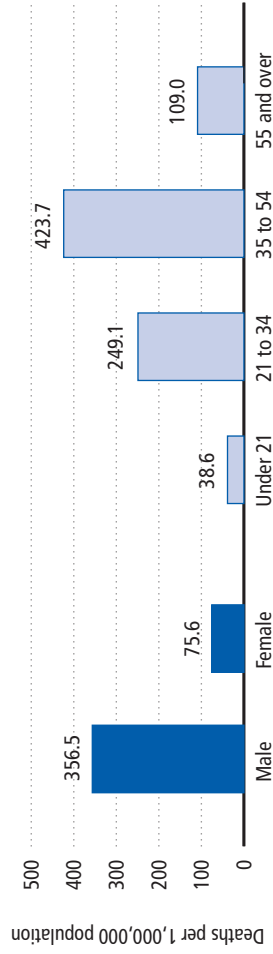
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	88	73	14	8
Alcohol ¹	23	26	0	5
Cocaine	43	37	17	--
Marijuana	5	--	0	0
Stimulants	--	--	0	0
Club drugs ²	0	0	0	0
Hallucinogens ³	0	0	0	0
Inhalants	0	0	0	0
Antidepressants	4	--	0	--
Antipsychotics	--	0	0	--
Benzodiazepines	8	8	0	--
Misc. anxiolytics, sedatives, and hypnotics	0	0	0	0
Opiates/opioids	42	40	9	6
Heroin (Specified)	21	24	6	0
Methodone	6	--	--	0
All other opiates/opioids	21	18	--	5
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	0	0	0	0
Misc. analgesics/combinations	8	5	0	4
Anticonvulsants	--	0	0	0
Muscle relaxants	0	0	0	0

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

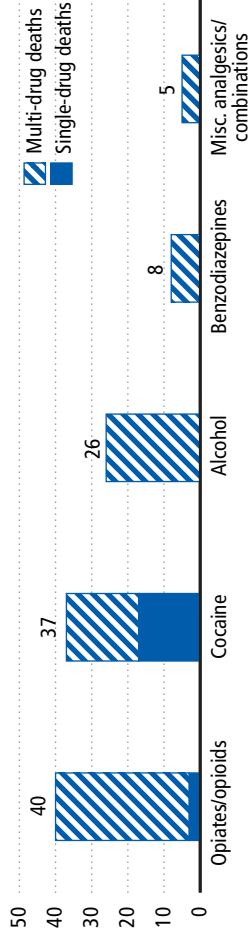
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004

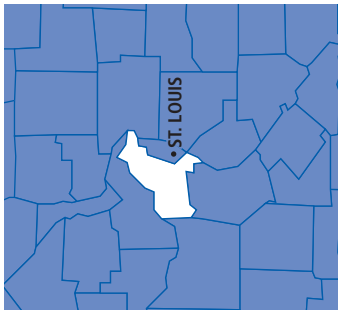


Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

St. Louis, MO-IL: St. Louis County, MO

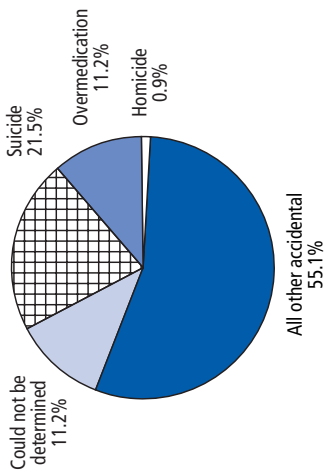


St. Louis County, MO:

Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse.....	84
Suicide.....	23
Population	
Deaths per 1,000,000 population	1,009,235
Drug misuse.....	83.2
Suicide.....	22.8

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	76
Abuse	--
Drug or alcohol	76
Toxic effects	69
Body systems (includes infections)	9
Accidents and injuries	10

Place of death, 2004

Drug misuse	Deaths
Health care facility	43
Home	29
Public place	6
Other	6
Not documented	0

Drug-related deaths by drug category, 2003-2004

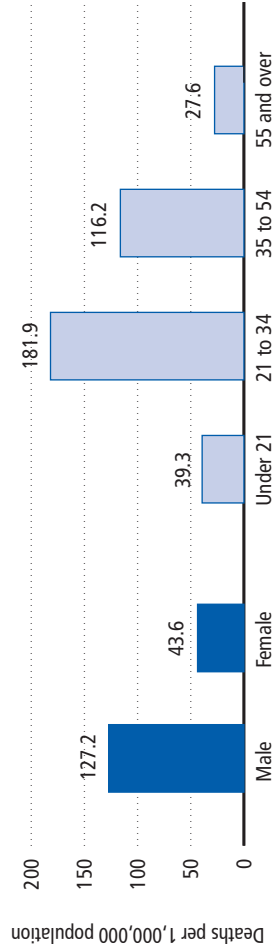
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	62	84	32	23
Alcohol ¹	15	34	5	8
Cocaine	24	26	12	4
Marijuana	0	0	0	0
Stimulants	--	4	4	0
Club drugs ²	0	0	0	0
Hallucinogens ³	--	0	0	0
Inhalants	0	--	--	0
Antidepressants	--	6	0	14
Antipsychotics	--	0	0	7
Benzodiazepines	4	7	0	--
Misc. anxiolytics, sedatives, and hypnotics	--	--	0	--
Opiates/opioids	39	54	16	10
Heroin (specified)	13	25	8	0
Methadone	11	5	--	--
All other opiates/opioids	17	25	7	9
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	--	--	--	0
Misc. analgesics/combinations	--	0	0	7
Anticonvulsants	0	0	0	0
Muscle relaxants	--	--	0	0

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

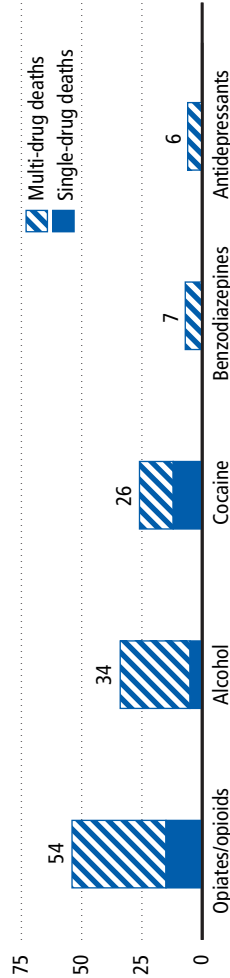
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004

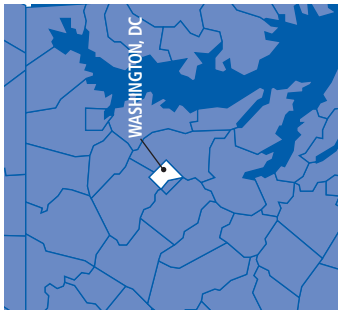


Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).

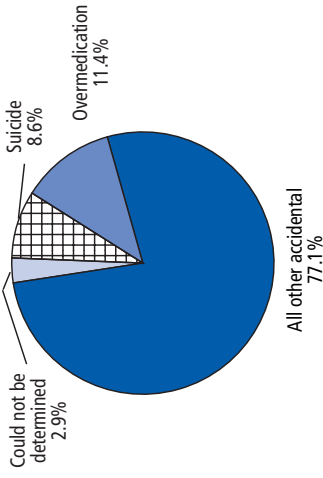
Washington-Arlington-Alexandria, DC-VA-MD-WV: District of Columbia



District of Columbia: Deaths and population, 2004

Deaths reported to DAWN	
Drug misuse.....	96
Suicide.....	9
Population	553,523
Deaths per 1,000,000 population	
Drug misuse.....	173.4
Suicide.....	16.3

Deaths by case type, 2004



Causes of death, 2004

Drug misuse	Deaths
Any drug-related cause	96
Abuse	4
Drug or alcohol	96
Toxic effects	89
Body systems (includes infections)	34
Accidents and injuries	--

Place of death, 2004

Drug misuse	Deaths
Health care facility	41
Home	22
Public place	8
Other	15
Not documented	10

Drug-related deaths by drug category, 2003-2004

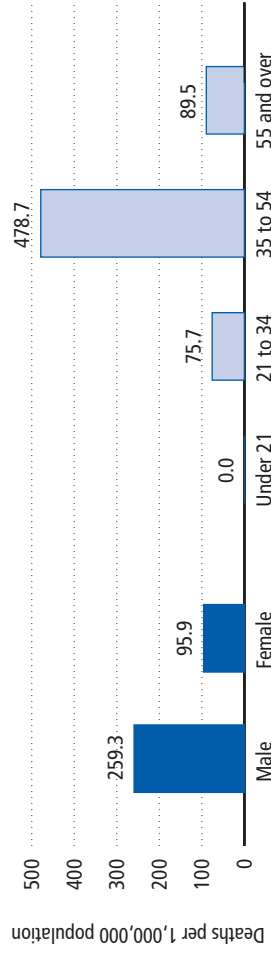
Drug category	Drug misuse		Suicide	
	Deaths, 2003	Deaths, 2004	Deaths, 2003	Deaths, 2004
ALL DRUGS	147	96	46	8
Alcohol ¹	51	14	0	4
Cocaine	87	59	27	0
Marijuana	--	0	0	0
Stimulants	--	0	0	0
Club drugs ²	0	0	0	0
Hallucinogens ³	4	--	0	--
Inhalants	0	0	0	0
Antidepressants	8	5	0	4
Antipsychotics	--	--	0	0
Benzodiazepines	5	4	0	0
Misc. anxiolytics, sedatives, and hypnotics	--	0	0	--
Opiates/opioids	81	67	19	--
Heroin (Specified)	5	5	--	0
Methadone	20	10	--	0
All other opiates/opioids	63	59	14	--
Nonsteroidal anti-inflammatory agents	0	0	0	0
Salicylates/combinations	--	0	0	0
Misc. analgesics/combinations	0	0	0	0
Anticonvulsants	0	0	0	0
Muscle relaxants	0	0	0	0

¹ Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

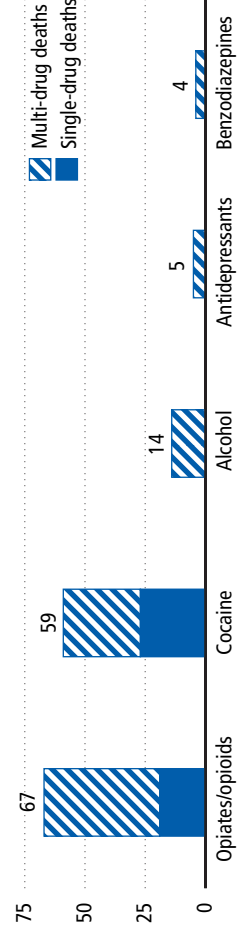
² Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

³ Includes PCP, LSD, and miscellaneous hallucinogens.

Death rates by gender and age: Drug misuse, 2004



Top 5 drugs involved: Drug misuse deaths, 2004



-- Indicates a number less than 4 has been suppressed.
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network 2004 (11/2005 update).



APPENDIX A

DAWN MORTALITY DATA COLLECTION

DAWN data collection

DAWN mortality data are collected in participating medical examiner and coroner offices through a retrospective review of case records for every death investigated by the medical examiner or coroner. Families are never interviewed. The review of source records is performed by a trained DAWN reporter in each member facility. Depending on the needs of the facility, the DAWN reporter may be an employee of the death investigation jurisdiction or an employee of the DAWN operations contractor.

Within each facility that participates in DAWN, the designated DAWN reporter reviews all death records to identify deaths related to drug use. The DAWN reporter submits an electronic case report to the DAWN system for each death that meets the specific case selection criteria.

Deaths eligible for DAWN

A DAWN case is any death related to recent drug use. DAWN includes deaths associated with substance abuse and misuse, both intentional and accidental. DAWN also includes deaths related to the use of drugs for legitimate therapeutic purposes. To be a DAWN case, the relation between the death and the drug need not be causal; the drug needs only to be implicated in the death.

The case criteria are intended to be broad and inclusive and to have few exceptions. DAWN cases are found through a retrospective review of death records.¹ Broad criteria take into account the fact that documentation in death records varies in clarity and comprehensiveness across medical examiners/coroners. Broad criteria minimize the potential for judgments that could cause data to vary systematically and unexpectedly across reporters and jurisdictions. In addition, broad criteria are designed to capture a very diverse set of drug-related deaths, which can be aggregated and disaggregated to serve a variety of analytical purposes and the interests of multiple audiences. In DAWN, only recent drug use is included,² and the reason a patient used a drug is irrelevant.

There are some clearly delineated exceptions to the DAWN case criteria. A death is *not* a DAWN case if:

- There was no evidence of recent drug use.
- The death was not processed by a medical examiner or coroner.
- The decedent was a drug user, but died of natural causes unrelated to the drug use.

¹ This review is conducted by “DAWN reporters” described above.

² That is, patients with a history of drug use (and no recent use) are excluded.

- The decedent was a homicide victim but the method of homicide was not poisoning by drugs.
- The decedent consumed a nonpharmaceutical substance but did not inhale it.
- The death involved inhalation of carbon monoxide and no other reportable substance.
- The decedent had a history of drug use but no recent use.
- Alcohol was the only substance involved and the decedent was an adult (age 21 or over).
- The only documentation of drug involvement was in toxicology test results.
- The only drugs listed (e.g., current medications) were not related to the death.
- The death was a consequence of undermedication, i.e., taking too little of a drug.

Data items collected by DAWN

The case report form showing all the data items collected by DAWN is provided in Figure A-1. This is a representation of the form on paper, whereas all DAWN data are submitted electronically. The electronic system, for example, permits the submission of more drugs than are shown on the paper form.

Manner of death in DAWN

Manner of death is a particularly important part of the death records because it is used to determine if the death is a case of drug misuse/abuse. As depicted in Figure A-2, the DAWN Decision Tree, each death is assigned to one of seven manners of death as follows:

- Suicide;
- Homicide by drug;
- Accidental ingestion;
- Adverse reaction;
- Overmedication;
- All other accidental; and
- Could not be determined.

Each DAWN case is assigned to one, and only one, of the seven manner of death categories based on the series of questions and decision rules depicted in the decision tree. Starting at the top, each case is assigned to the first manner of death that applies, even if the case might also meet the rules for a subsequent category. The seven categories were ordered with this in mind.

The final two categories, *all other accidental* and *could not be determined*, were designed to capture all of the drug-related deaths that could not be classified in any of the prior case types. *Could not be determined* cases include those that are ruled by the ME/C explicitly as “could not be determined” (i.e., the evidence was inconclusive with regard to whether the death was accidental, suicide, or homicide).

Figure A-1. DAWN case form

FOR SAMHSA USE ONLY
FORM NUMBER

Department of Health and Human Services ■ Substance Abuse and Mental Health Services Administration

Drug Abuse Warning Network (DAWN)

Medical Examiner Case Form

FORM APPROVED
OMB. NO. 0930-0078
EXPIRES 12/31/2005

1. Facility ID

2. Cross-reference (for facility use only) XXXXXXXXXX

INFORMATION ON DECEASED

3. Date of Death

MONTH DAY YEAR

4. Sex

Male
 Female
 Not documented

5. Age

Less than 1 year
 Not documented

6. ZIP Code of Decedent's Last Residence

Otherwise, mark [x] one:
 No fixed address (e.g., homeless)
 Institution (e.g., shelter/jail/ hospital)
 Not documented

7. Place of Death

Mark [x] one:

01 Emergency department
 02 Other health care facility
 03 Decedent's home
 04 Public place
 96 Other
 98 Not documented

8. ZIP Code for Place of Death

Not documented

9. Race/Ethnicity

Mark [x] one or more:

White
 Black or African American
 Hispanic or Latino
 Asian
 American Indian or Alaska Native
 Native Hawaiian or Other Pacific Islander
 Not documented

10. Factors Supporting DAWN Case Determination

Check all that apply:

Death certificate
 Toxicology lab report
 Autopsy
 External physical signs
 Inspection of scene of death
 Statement of physician/family/friends
 Other information

11. Cause of Death List the chain of events causing the death. Do not abbreviate. Do not use ICD codes.

(Part I) Immediate cause:

As a result of _____

As a result of _____

As a result of _____

(Part II) Other significant conditions:

12. Manner of Death

Mark [x] one:

01 Suicide
 02 Homicide by drugs
 03 Adverse reaction to medication
 04 Overmedication
 05 Accidental ingestion
 06 All other accidental
 98 Could not be determined

13. Drug Involvement in Death

Mark [x] one:

1 Drug-induced: drug(s) directly caused the death
 2 Drug-related: drug(s) contributed to the death
 If drug-related, mark one:
 1 confirmed
 2 presumed

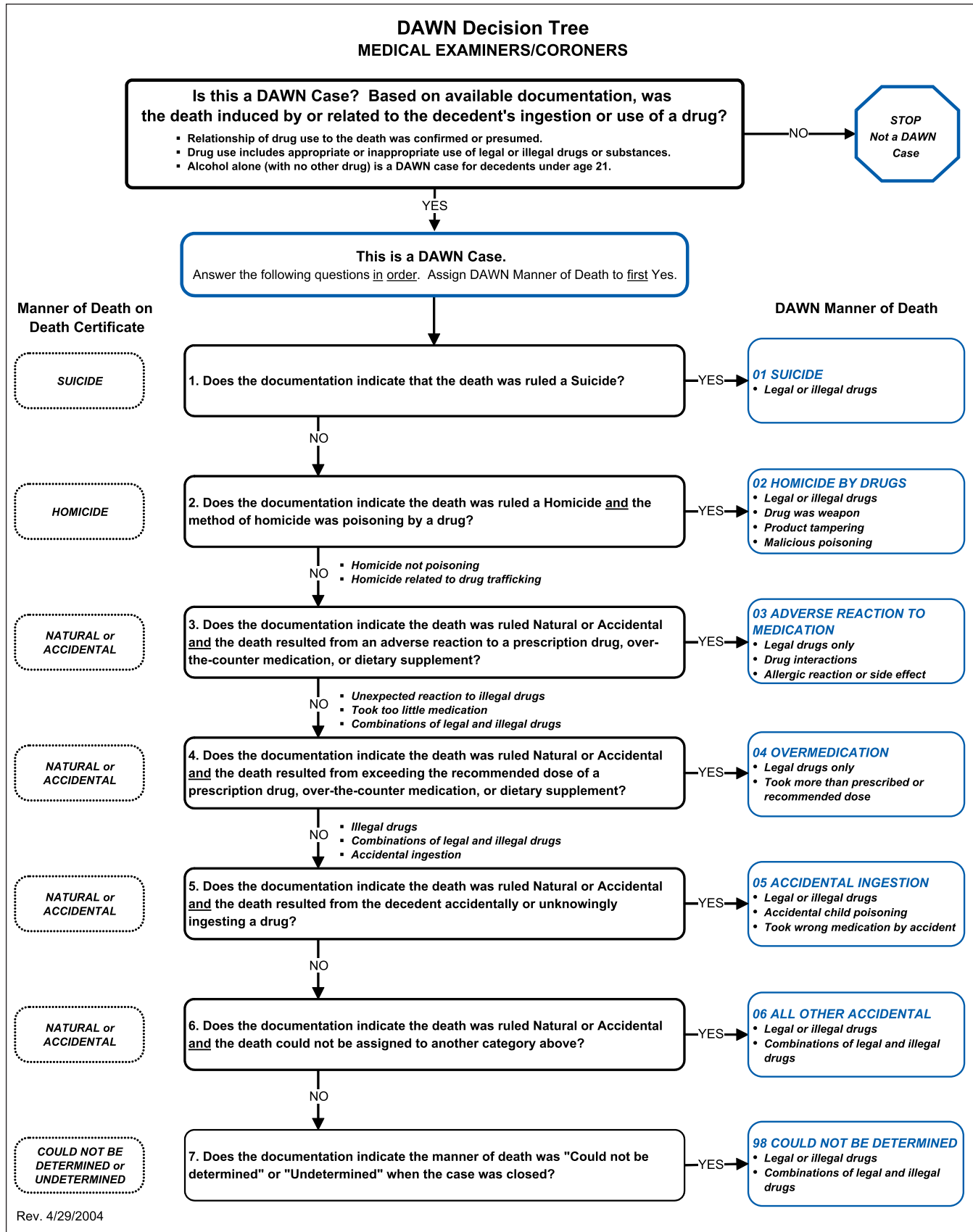
14. Substance(s) Involved Using available documentation, list all substances that caused or contributed to the death. Record substances as specifically as possible (i.e., brand [trade] name preferred over generic name preferred over chemical name, etc.). Do not record the same substance by two different names.

	SAMHSA USE ONLY	Substance (record verbatim)	Mark [x] if confirmed by toxicology test	Route of Administration Circle one:					
				Oral	Injected	Inhaled, sniffed, smoked	Other	Not documented	
1			<input type="checkbox"/>	1	2	3	4	5	8
2			<input type="checkbox"/>	1	2	3	4	5	8
3			<input type="checkbox"/>	1	2	3	4	5	8
4			<input type="checkbox"/>	1	2	3	4	5	8
5			<input type="checkbox"/>	1	2	3	4	5	8
6			<input type="checkbox"/>	1	2	3	4	5	8
7	C 2 0 0 0 2 9	Alcohol involved? <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No <input type="checkbox"/> 8 Not documented	<input type="checkbox"/>	1	2	3	4	5	8

SMA 100-2 REV. 12/2002

SEE BURDEN STATEMENT ON BACK

Figure A-2. DAWN decision tree



Drugs included in DAWN

DAWN includes all types of drugs.³ Drugs in DAWN include:

- Illegal drugs, such as heroin, cocaine, marijuana, and Ecstasy;
- Prescription drugs, such as Prozac[®], Vicodin[®], OxyContin[®], alprazolam, and methylphenidate;
- Over-the-counter (OTC) medications, including aspirin, acetaminophen, ibuprofen, and multi-ingredient cough and cold remedies;
- Dietary supplements, including vitamins, herbal remedies, and nutritional products;
- Psychoactive, nonpharmaceutical inhalants;
- Alcohol in combination with other drugs; and
- Alcohol alone, in patients aged less than 21 years.

To be reportable, a nonpharmaceutical substance must be consumed by inhalation, sniffing, or snorting, and it must have a psychoactive effect when inhaled. A death involving inhalation of a nonpharmaceutical, psychoactive substance and no other drug qualifies as a DAWN case. Carbon monoxide is excluded from the inhalants, as noted above. Beginning in 2004, deaths involving accidental exposures (e.g., exposure to paint fumes while painting a closet) are excluded as well.

DAWN features that enhance data quality and reliability

Several methods are used to improve the quality and reliability of DAWN data. These include:

- Case finding by a retrospective review of death records for every death investigated by a participating medical examiner or coroner;
- Electronic reporting with automated prompts and data validation;
- Elimination of incidental drug reporting;
- Accurate, specific, and nonredundant drug reporting;
- Inclusion of data items to identify drugs confirmed by laboratory testing;
- Rigorous training and certification of DAWN reporters; and
- In-house review and cleaning of DAWN case reports.

In addition to these steps, each ME/C receives a summary of the drug-related deaths submitted for each of his or her jurisdiction(s) after the data for the year are closed out. This final step provided an opportunity for the ME/Cs to approve or reject the data used for this publication. Any rejected data are reconciled to the satisfaction of the ME/C before they are used in this publication.

³ The classification of drugs used in DAWN is derived from the Multum *Lexicon*, © 2005, Multum Information Services, Inc. The classification schema was modified to meet DAWN's unique requirements (2006). The Multum Licensing Agreement governing use of the *Lexicon* is provided in Appendix C and can be found on the Internet at <http://www.multum.com>.

Participation of medical examiners and coroners

ME/Cs participate in DAWN on a voluntary basis and constitute neither a sample nor a census of ME/Cs in the United States. ME/Cs are invited to join DAWN based on their location in selected metropolitan areas. Recruitment efforts focus primarily on areas where DAWN data are also collected from hospital emergency departments. In addition to recruitment targeted at metropolitan areas, DAWN has added States with centralized medical examiner systems to gain a better understanding of drug-related mortality outside of the targeted metropolitan areas.

A death investigation jurisdiction typically corresponds to a county. In the rare instances with multiple jurisdictions in a single county, the jurisdictions are combined and reported at the county level. For participating states, every county within the state is included in DAWN.

The metropolitan-area definitions used in this publication are those established by the Office of Management and Budget (OMB) and updated in 2003. These definitions can be found in the OMB publication *Revised Definitions of Metropolitan Statistical Areas, New Definitions of Micropolitan Statistical Areas and Combined Statistical Areas, and Guidance on Uses of the Statistical Definitions of These Areas*, Bulletin No. 03-04, June 6, 2003, which can be accessed at <http://www.whitehouse.gov/omb/bulletins/b03-04.html>.

APPENDIX B

GLOSSARY OF TERMS

This glossary defines terms used in data collection activities, analyses, and publications associated with the mortality component of the Drug Abuse Warning Network (DAWN).

Accidental ingestion: This category includes deaths resulting from accidentally or unknowingly ingesting a drug as denoted by ME/C.

Adverse Reaction to Medication: This category was designed to capture natural or accidental deaths as the result from an adverse reaction to a prescription drug, over-the counter medication, or dietary supplement.

All other accidental: See **Drug Misuse**.

Body systems: Refers to neurological, cardiovascular, gastrointestinal, genitourinary, respiratory, musculoskeletal, skin and soft tissue, lymphatic, endocrine, head and neck, abdominal and/or multi-system conditions identified in the chain of events that led to the drug-related death. (See also **Cause of death**.)

Case type: See **Manner of death**.

Cause of death: The chain of events (diseases, injuries, or complications) that caused the death, as recorded on the death certificate. A death can have multiple causes. The immediate cause is listed first and is followed by contributing causes listed sequentially, ending with the underlying cause. Other significant conditions that contributed to the death are listed separately.

Coroner (C): Death investigation jurisdictions typically use either a medical examiner system or a coroner system. Unlike medical examiners, coroners need not be physicians; usually the only prerequisite for serving as a coroner is that the individual be more than 18 years of age and a resident of the county or district to be served. Coroners are typically elected rather than appointed. They may have jurisdiction over counties or districts within states. (See also **Jurisdiction** and **Medical examiner**.)

Could not be determined: See **Drug Misuse**.

Drug: This refers to a substance that was recorded in a DAWN case report. Substances accepted by DAWN include alcohol, illicit drugs, prescription and over-the-counter pharmaceuticals, dietary supplements, and nonpharmaceutical inhalants. Multiple substances ("drugs") can be reported for each DAWN case. Therefore, the total number of drugs exceeds the total number of DAWN cases reported. (See also **Single-drug case**.)

Drug category: A generic grouping of related pharmaceuticals or other substances reported to DAWN, based on the classification of Multum Information Services. Multum Information Services, a subsidiary of the Cerner Corporation, is a developer of clinical drug information systems and a drug knowledge base. More information is available at <http://www.multum.com/>. In general, the Multum categories follow the therapeutic uses for prescription and over-the-counter pharmaceuticals.

Additional clarification is provided for the following drug categories:

- *Alcohol alone*—DAWN collects data on alcohol when used alone if the decedent is under age 21.
- *Alcohol-in-combination*—Alcohol-in-combination is the category for alcohol present in combination with another reportable substance. DAWN does not gather data on alcohol used alone if the decedent is over age 21. For decedents 21 and older, alcohol must be used with another substance to be reported. Alcohol-in-combination is reportable for all ages.
- *Stimulants*—This category includes amphetamines and methamphetamine. Since some drug screens test for amphetamines only as a class, an amphetamine-positive result could indicate amphetamine or methamphetamine. For this reason, amphetamines and methamphetamine are combined for analysis into the category “stimulants.” This category does not include other CNS stimulants, such as caffeine or methylphenidate.
- *Inhalants*—This category includes anesthetic gases and psychoactive nonpharmaceutical substances for which the documented route of administration was inhaled, sniffed, or snorted. Accidental exposure to nonpharmaceutical inhalants (e.g., overcome by paint fumes while painting a closet) are no longer included as DAWN cases. Psychoactive nonpharmaceuticals fall into one of the following 3 categories: **(1) volatile solvents**—adhesives (model airplane glue, rubber cement, household glue), aerosols (spray paint, hairspray, air freshener, deodorant, fabric protector), solvents and gases (nail polish remover, paint thinner, correction fluid and thinner, toxic markers, pure toluene, cigar lighter fluid, gasoline, carburetor cleaner, octane booster), cleaning agents (dry cleaning fluid, spot remover, degreaser), food products (vegetable cooking spray, dessert topping spray such as whipped cream, whippets), and gases (butane, propane, helium); **(2) nitrites**—amyl nitrites (“poppers,” “snappers”) and butyl nitrites (“rush,” “locker room,” “bolt,” “climax,” “video head cleaner”); or **(3) chlorofluorohydrocarbons** (freons). Anesthetic gases (e.g., nitrous oxide, ether, chloroform) are presumed to have been inhaled.
- *Opiates/opioids*—This category includes opiates (narcotic substances derived from opium) and opioids (semi-synthetic and synthetic substances with similar narcotic properties). The category is subdivided into **(1) “heroin (specified),”** which only includes specific reports of heroin, **(2) methadone,** whether used in the treatment of opiate addiction or pain, and **(3) “all other opiates/opioids,”** which includes nonspecific reports of “opiates” and specific named substances, such as codeine, morphine, fentanyl, hydrocodone, oxycodone, and others.

Drug misuse/abuse: A group defined broadly to include case types related to drug misuse or abuse. Additional clarification is provided for the following case types:

- *Overmedication*—This category was designed to capture nonmedical use, overuse, and misuse of prescription and OTC medications when this use was not documented as drug abuse.
- *Homicide by drug*—This category was designed to capture malicious poisonings, that is, the decedent was administered a drug by another person for a malicious purpose. Only cases assigned a manner of death by homicide by the ME/C are classified in this category.
- *All other accidental*—This category includes all cases denoted by the ME/C as natural or accidental that could not be assigned to any of the other five case types. By design, most cases of documented drug abuse will fall into this category.
- *Could not be determined*—This category includes all cases with a manner of death denoted by the ME/C as could not be determined. This manner of death is assigned by the ME/C when a definitive ruling of suicide, homicide, natural, or accidental death is not possible.

Drug-related death: Any death related to recent drug use. To be a DAWN case, a drug needs only to be implicated in the death; the drug does not have to have caused the death. Even if only one drug is reported, it should not be assumed that the substance was the sole and direct cause of the death. (See also **Single-drug case**.) Drug-induced deaths are those for which the drug(s) directly caused the death.

Homicide: See **Drug Misuse**.

Jurisdiction: DAWN uses the term “jurisdiction” to mean the geographic area for which a medical examiner’s or coroner’s office is responsible. In many States, there is a one-to-one correspondence between jurisdictions and counties. In some States, there are multiple jurisdictions within a given county, or there may be multiple counties covered by a “district” that includes one or more medical examiner or coroner offices. Some States are organized as a single statewide jurisdiction.

Understanding jurisdictions is important because this assists readers in interpreting aggregated data. For publication, DAWN mortality data are aggregated into metropolitan areas, which often comprise multiple jurisdictions. In some States, there are different death investigation procedures for different jurisdictions (most notably, some jurisdictions have medical examiner systems, while others have coroner systems). There are nearly always some differences in death investigation procedures across States (and notably, some metropolitan areas include jurisdictions in multiple states). Readers should be mindful of these variations when interpreting or comparing data.

Manner of death: A classification used to group similar DAWN cases. Each case is coded into one and only one category, the first that applies from the following hierarchy: suicide, homicide by drugs, adverse reaction to medication, overmedication, accidental ingestion, all other accidental, and could not be determined. The manner of death categories used by DAWN draw from but do not duplicate the manner of death recorded on the death certificate. (See **DAWN Decision Tree**.)

Medical examiner (ME): Death investigation jurisdictions typically use either a medical examiner system or a coroner system. Most medical examiners are licensed physicians or forensic pathologists and are generally appointed (rather than elected). They may have jurisdiction over a county, district, or an entire State. (See also **Coroner** and **Jurisdiction**.)

Metropolitan area: An area comprising a relatively large core city or cities and the adjacent geographic areas. Conceptually, these areas are integrated economic and social units with a large population nucleus. This DAWN publication utilizes areas defined by the Office of Management and Budget (OMB) in 2003, based on population data from the 2000 decennial Census.

Overmedication: See **Drug Misuse**.

Place of death: The location that best describes where the death occurred. The place of death categories on the DAWN data collection form are:

- *Emergency department*—The death occurred in a hospital emergency department.
- *Other health care facility*—The death occurred in a hospital unit other than an emergency department, nursing home, hospice, or any other health care institution in which the decedent was receiving care.
- *Decedent’s home*—The death occurred at the decedent’s home, apartment, or other dwelling.

- *Other*—The location of death was documented in the source record but does not fit into any of the preceding categories.
- *Not documented*—The location of death was not available in the source record.

Race/ethnicity: The Office of Management and Budget (OMB) is responsible for standard protocols for the collection of data on race and ethnicity by federal systems, including DAWN. In October 1997, OMB issued a revised standard protocol, which permitted separate reporting of race and Hispanic ethnicity, the ability to capture more than one race for an individual, modifications in nomenclature (e.g., “Black” was changed to “Black or African American”), division of certain categories (“Asian or Pacific Islander” was split into two categories, “Asian” and “Native Hawaiian or Other Pacific Islander”), and elimination of the “Other” category. For data collections, such as DAWN, where self-identification of the individual is not feasible, the revised OMB protocol also permitted a combined format, whereby race and Hispanic ethnicity would be recorded in a single data item, which could still record multiple entries for race and/or Hispanic ethnicity.

Since January 2003, DAWN has collected data on race/ethnicity using the combined format. The race/ethnicity categories on the DAWN data collection forms are as follows:

- *White*—A person having origins in any of the original peoples of Europe, the Middle East, or North Africa.
- *Black or African American*—A person having origins in any of the black racial groups of Africa.
- *Hispanic or Latino*—A person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race.
- *Asian*—A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.
- *American Indian or Alaska Native*—A person having origins in any of the original peoples of North and South America (including Central America), and who maintains tribal affiliation or community attachment.
- *Native Hawaiian or Other Pacific Islander*—A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.
- *Not documented*—Used when documentation of race is not available from source records.

Despite the increased detail allowed by these categories and the provision for multiple entries, the actual race/ethnicity data reported to DAWN is quite limited because race and ethnicity are often not documented with this level of specificity in patient/decedent records. As a result, the classification used to tabulate DAWN data has a more limited set of categories, as follows:

- *White*—Anyone meeting the definition of white (above). Those who are identified as white and Hispanic are classified as Hispanic.
- *Black*—Anyone meeting the definition of black or African American (above). Those who are identified as black or African American and Hispanic are classified as Hispanic.
- *Hispanic*—Anyone whose ethnicity is Hispanic or Latino (above) is placed in the category Hispanic, regardless of race.
- *Race/ethnicity NTA*—This includes those categories that are too small to report independently including: 2 or more races, American Indian or Alaska Native, Asian, Native Hawaiian or Other Pacific Islander.
- *Unknown*—Race/ethnicity is unknown. Those who are identified only as Hispanic are classified as Hispanic.

Single-drug case: A single-drug case is one in which only one drug was involved. Because multiple substances may be recorded for each DAWN case (see **Drug**), readers should be cautious in interpreting the relationship between a given drug and the number of associated visits or deaths. For example, if the source record for a patient/decedent documented marijuana use, this does not mean that marijuana was the only drug involved in the visit/death or that the marijuana caused the visit/death. One should always consider whether and how many other drugs were used in combination. Even then, attributing a causal relationship between the visit/death and a particular drug may not be possible. DAWN only captures single-drug visits/deaths involving alcohol if the decedent was younger than age 21.

Suicide: This category includes cases denoted by the ME/C as suicide if the decedent took their own life and legal or illegal drugs had been involved: drug use need not have been the cause of death.

Toxic effects: Injury, illness, or damage that can be attributed to the ingestion of a drug. (See also **Cause of death**.)

APPENDIX C

MULTUM LEXICON END-USER LICENSE AGREEMENT

1. Introduction

A. This License Agreement (the "License") applies to the Multum Lexicon database (the "Database"). This License does not apply to any other products or services of Cerner Multum, Inc. ("Multum"). A "work based on the Database" means either the Database or any derivative work under copyright law; i.e., a work containing the Database or a substantial portion of it, either verbatim or with modifications. A translation of the Database is included without limitation in the term "modification". Each end-user/licensee is addressed herein as "you".

B. Your use of the Database acknowledges acceptance of these restrictions, disclaimers, and limitations. You expressly acknowledge and agree that Multum is not responsible for the results of your decisions resulting from the use of the Database, including, but not limited to, your choosing to seek or not to seek professional medical care, or from choosing or not choosing specific treatment based on the Database.

C. Every effort has been made to ensure that the information provided in the Database is accurate, up-to-date, and complete, but no guarantee is made to that effect. In addition, the drug information contained herein may be time sensitive.

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