

Drug Abuse Warning Network, 2006: Area Profiles of Drug-Related Mortality

**U.S. Department of Health and Human Services
Substance Abuse and Mental Health Services Administration
Office of Applied Studies**

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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 2006 and were reported by participating ME/Cs to DAWN. In selected tables, data from reporting year 2005 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.

The mortality component of DAWN does not rely on a statistical sample of ME/Cs. Findings cannot be considered representative of ME/Cs that did not participate, and results cannot be extrapolated to the United States as a whole. DAWN mortality data for 2003 and later are not comparable to mortality data for any years prior to 2003 because of changes introduced in the 2003 reporting year.

Drug-related deaths

Since 2003, a DAWN case is any death reviewed by an ME/C that was related to recent drug use. Findings in this publication pertain to drug-related deaths and drug-related suicide deaths reported by participating death investigation jurisdictions as DAWN cases.¹

DAWN cases are identified through a retrospective review of decedent case files in each participating death investigation jurisdiction. A DAWN case is any death that is determined by the ME/C as being related to drug use. The relationship between the death and the drug need not be causal; the drug need only be implicated in the death. The drug use may have been for legitimate, therapeutic purposes or for the purpose of drug misuse/abuse, but in either case, the drug use must have been recent.

These eligibility criteria for a DAWN case are intentionally broad and inclusive. Since death record documentation varies in clarity and comprehensiveness across jurisdictions, broad criteria reduce the potential for judgment calls that could cause data to vary systematically and unexpectedly across reporters and jurisdictions. Broad criteria also capture a diverse set of drug-related deaths that support a wide variety of analytical purposes and interests.

For decedents under the age of 21, DAWN cases include deaths where the only drug involved was alcohol. For those 21 or 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 listed in Appendix A.

¹ DAWN uses the terms "death investigation jurisdiction" (or, simply, "jurisdiction") and "county" interchangeably because ME/Cs' offices are typically organized by county. The one exception occurs in Niagara County, NY, which is divided into four districts. For reporting purposes, the four districts that make up Niagara County, NY, are treated collectively as a single jurisdiction.

Drugs

Drugs that make a death 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 medications, including aspirin, acetaminophen, ibuprofen, and multi-ingredient cough and cold remedies;
- Dietary supplements, including vitamins, herbal remedies, and nutritional products;
- Psychoactive, nonpharmaceutical inhalants;²
- 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 the manner of death as determined by the ME/C.

(1) **Drug-related deaths (other than drug-related suicide deaths)** include the following:

- **Natural or accidental deaths with drug involvement.** These two categories capture deaths involving medical use, nonmedical use, overuse, and misuse of prescription and over-the-counter medications and drug abuse.
- **Homicide by drug.** This category was designed to capture malicious poisonings; that is, the decedent was administered a drug(s) by another person for a malicious purpose.
- **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.

(2) **Drug-related suicide deaths** include suicide deaths with drug involvement. The determination of suicide is made by the ME/C. Because of the broad eligibility criteria for determining DAWN cases, drug-related suicide deaths include more than deaths due to overdoses. A reported drug may not be the cause of the suicide death even if only one drug was involved. Drug(s) must be a contributing factor, though.

Findings reported in this publication are based on concluded investigations that were submitted by May 10, 2007, for deaths that occurred during 2006. Death investigations that were not concluded by the ME/C by the end of the data collection period are excluded.

² To be reportable, a nonpharmaceutical substance must be consumed by inhalation, sniffing, or snorting and must have a psychoactive effect when inhaled. Carbon monoxide is excluded from the inhalants reportable to DAWN, as is accidental inhalation of a nonpharmaceutical. Additional information on inhalants is provided in Appendix B: Glossary of Terms.

Standardized death rates

Death rates (i.e., the number of deaths per 100,000 population) are reported to permit comparisons within or across areas or across demographic subgroups. This use of death rates, as opposed to counts, is important because two areas with similar numbers of drug-related deaths may have vastly different populations. Rates, which take population differences into account, standardized these comparisons.

There are limitations to be considered when comparing death rates. While differences in rates may signify differences in underlying drug-related mortality (or a lack of differences may suggest similarity), other factors may confound such comparisons. For example, State laws dictate which deaths are subject to ME/C review. These laws vary by State and, within each State, by time. Within ME/C offices, toxicology testing practices vary, depending on local concerns, funding, and testing technology. Such factors will affect the number of deaths determined to be DAWN cases and the number of deaths attributed to particular drugs. Small changes in the number of deaths (e.g., an increase of 5 deaths) can result in a large percentage difference if the base is small (e.g., an increase of 5 to 10 deaths is a 100% increase). Even though there is no sampling error in DAWN ME/C data, the possibility of nonsampling errors (i.e., errors in reporting, changes in testing protocols) limits the interpretation of the findings.

PARTICIPATION IN DAWN 2006

DAWN relies on the voluntary cooperation of ME/Cs in selected areas of the United States to provide standardized data on drug-related deaths. For 2006, 175 jurisdictions in 51 metropolitan areas and 217 jurisdictions in 8 States submitted mortality data to DAWN.^{3,4}

Table 1 provides information on the metropolitan areas and States that participated in 2006. It includes the following:

- Name of metropolitan area,
- Total number of death investigation jurisdictions (counties) in the area,
- Number and percentage of eligible counties for which mortality data were reported to DAWN, and
- Number and percentage of the area's population that is covered by DAWN-participating jurisdictions.

An awareness of the extent of DAWN's coverage within a given area is needed to interpret DAWN mortality data accurately. ME/C participants in DAWN are not part of a scientific sample at either the metropolitan or the national level. Within a metropolitan area, findings based on participating jurisdictions are not representative of nonparticipating jurisdictions. Reports from only a portion of jurisdictions within a metropolitan area can be extrapolated neither to the metropolitan area as a whole nor to the nation as a whole.⁵

While the data do not support any representations at a national level, some generalizations can be made at a metropolitan level, even if some ME/Cs do not participate. For example, while only 1 (10%) of the 10 counties that make up the Houston, TX, metropolitan area participated in DAWN in 2006, that county is home to 70 percent of the area's total population. The important consideration is population coverage, not ME/C participation, per se.

Among the metropolitan areas listed in Table 1, population coverage exceeded 90 percent in 31 metropolitan areas, with 100 percent coverage in 27 of those areas. The remaining metropolitan areas had response rates that range from a low of 21 percent in Dallas-Fort Worth-Arlington to 85 percent in Chicago-Naperville-Joliet. Population coverage below 50 percent usually equates to the absence of large jurisdictions.

³ There is overlap between the metropolitan areas and States. In total, usable reports were received from 324 jurisdictions: 107 are only in metropolitan areas, 149 are only in States, and 68 are in both.

⁴ DAWN uses the metropolitan area definitions established by the Office of Management and Budget (OMB) in 2000 and updated in 2003. See Appendix A for additional detail.

⁵ 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 or representative of nonparticipating jurisdictions.

Table 1**Participation of medical examiner/coroner jurisdictions in DAWN, 2006**

| Area | Total jurisdictions (counties) | Participating jurisdictions (counties) | | DAWN coverage | |
|--|--------------------------------|--|------------------|---------------|----------------------------|
| | | Number | Percent of total | Population | Percent of area population |
| Fifty-one metropolitan areas | 324 | 175 | 54% | 98,453,972 | 76% |
| Eight States | 217 | 217 | 100% | 23,397,171 | 100% |
| Metropolitan areas | | | | | |
| Albuquerque, NM | 4 | 4 | 100% | 816,811 | 100% |
| Atlanta-Sandy Springs-Marietta, GA | 28 | 8 | 29% | 3,335,970 | 65% |
| Baltimore-Towson, MD | 7 | 7 | 100% | 2,658,405 | 100% |
| Bangor, ME | 1 | 1 | 100% | 147,180 | 100% |
| Barnstable Town, MA | 1 | 1 | 100% | 224,816 | 100% |
| Birmingham-Hoover, AL | 7 | 1 | 14% | 656,700 | 60% |
| Boston-Cambridge-Quincy, MA-NH | 7 | 7 | 100% | 4,455,217 | 100% |
| Buffalo-Niagara Falls, NY | 2 | 2 | 100% | 1,137,520 | 100% |
| Burlington-South Burlington, VT | 3 | 3 | 100% | 206,007 | 100% |
| Chicago-Naperville-Joliet, IL-IN-WI | 14 | 8 | 57% | 8,034,600 | 85% |
| Cleveland-Elyria-Mentor, OH | 5 | 1 | 20% | 1,314,241 | 62% |
| Dallas-Fort Worth-Arlington, TX | 12 | 2 | 17% | 1,283,089 | 21% |
| Denver-Aurora, CO | 10 | 6 | 60% | 2,332,305 | 97% |
| Detroit-Warren-Livonia, MI | 6 | 5 | 83% | 4,375,205 | 98% |
| Fargo, ND-MN | 2 | 1 | 50% | 132,525 | 71% |
| Farmington, NM | 1 | 1 | 100% | 126,473 | 100% |
| Houston-Sugar Land-Baytown, TX | 10 | 1 | 10% | 3,886,207 | 70% |
| Indianapolis-Carmel, IN | 10 | 2 | 20% | 998,820 | 60% |
| Kansas City, MO-KS | 15 | 4 | 27% | 1,049,877 | 53% |
| Las Cruces, NM | 1 | 1 | 100% | 193,888 | 100% |
| Lawton, OK | 1 | 1 | 100% | 109,181 | 100% |
| Lewiston-Auburn, ME | 1 | 1 | 100% | 107,552 | 100% |
| Los Angeles-Long Beach-Santa Ana, CA | 2 | 2 | 100% | 12,950,129 | 100% |
| Louisville-Jefferson County, KY-IN | 13 | 1 | 8% | 701,500 | 57% |
| Manchester-Nashua, NH | 1 | 1 | 100% | 402,789 | 100% |
| Milwaukee-Waukesha-West Allis, WI | 4 | 1 | 25% | 915,097 | 61% |
| Minneapolis-St. Paul-Bloomington, MN-WI | 13 | 10 | 77% | 2,653,234 | 84% |
| New Orleans-Metairie-Kenner, LA | 7 | 3 | 43% | 532,659 | 52% |
| New York-Northern New Jersey-Long Island, NY-NJ-PA | 23 | 10 | 43% | 11,103,957 | 59% |
| Ogden-Clearfield, UT | 3 | 3 | 100% | 497,640 | 100% |
| Oklahoma City, OK | 7 | 7 | 100% | 1,172,339 | 100% |
| Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | 11 | 5 | 45% | 3,502,789 | 60% |

Table 1 (continued)**Participation of medical examiner/coroner jurisdictions in DAWN, 2006**

| Area | Total jurisdictions (counties) | Participating jurisdictions (counties) | | DAWN coverage | |
|--|--------------------------------|--|------------------|---------------|----------------------------|
| | | Number | Percent of total | Population | Percent of area population |
| Phoenix-Mesa-Scottsdale, AZ | 2 | 1 | 50% | 3,768,123 | 93% |
| Pittsburgh, PA | 7 | 1 | 14% | 1,223,411 | 52% |
| Pittsfield, MA | 1 | 1 | 100% | 131,117 | 100% |
| Portland-South Portland-Biddeford, ME | 3 | 3 | 100% | 513,667 | 100% |
| Portland-Vancouver-Beaverton, OR-WA | 7 | 3 | 43% | 1,569,953 | 73% |
| Provo-Orem, UT | 2 | 2 | 100% | 474,180 | 100% |
| Salisbury, MD | 2 | 2 | 100% | 117,761 | 100% |
| Salt Lake City, UT | 3 | 3 | 100% | 1,067,722 | 100% |
| San Diego-Carlsbad-San Marcos, CA | 1 | 1 | 100% | 2,941,454 | 100% |
| San Francisco-Oakland-Fremont, CA | 5 | 2 | 40% | 954,241 | 23% |
| Santa Fe, NM | 1 | 1 | 100% | 142,407 | 100% |
| Seattle-Tacoma-Bellevue, WA | 3 | 3 | 100% | 3,263,497 | 100% |
| Sioux Falls, SD | 4 | 1 | 25% | 163,281 | 77% |
| Springfield, MA | 3 | 3 | 100% | 686,174 | 100% |
| St. George, UT | 1 | 1 | 100% | 126,312 | 100% |
| St. Louis, MO-IL | 17 | 9 | 53% | 2,373,249 | 84% |
| Tulsa, OK | 7 | 7 | 100% | 897,752 | 100% |
| Washington-Arlington-Alexandria, DC-VA-MD-WV | 20 | 19 | 95% | 5,239,957 | 99% |
| Worcester, MA | 1 | 1 | 100% | 784,992 | 100% |
| States | | | | | |
| Maine | 16 | 16 | 100% | 1,321,574 | 100% |
| Maryland | 24 | 24 | 100% | 5,615,727 | 100% |
| Massachusetts | 14 | 14 | 100% | 6,437,193 | 100% |
| New Hampshire | 10 | 10 | 100% | 1,314,895 | 100% |
| New Mexico | 33 | 33 | 100% | 1,954,599 | 100% |
| Oklahoma | 77 | 77 | 100% | 3,579,212 | 100% |
| Utah | 29 | 29 | 100% | 2,550,063 | 100% |
| Vermont | 14 | 14 | 100% | 623,908 | 100% |

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

SUMMARY OF FINDINGS

Table 2 reports the rates of drug-related deaths and drug-related suicide deaths per 100,000 population for metropolitan areas and States that participated in DAWN in 2006. Table 3 compares the rates of drug-related deaths in 2006 with those found for 2005 and reports the percentage change. (Comparisons are not made for drug-related suicide deaths because of their small numbers.) Table 3 is limited to those areas where the same jurisdictions participated in 2005 as in 2006. Both tables include indicators of the population coverage in DAWN for 2006.

Table 2
Rates of drug-related deaths and drug-related suicide deaths per 100,000 population, 2006

| Metropolitan area or State | Rate of drug-related deaths per 100,000 population* | | DAWN coverage | |
|---|--|----------------|---------------|-------------------------------|
| | Deaths | Suicide deaths | Population | Percent of area population |
| Metropolitan areas | | | | |
| Albuquerque, NM | 26.0 | 3.7 | 816,811 | 100% |
| Atlanta-Sandy Springs-Marietta, GA | 7.8 | 0.7 | 3,335,970 | 65% |
| Baltimore-Towson, MD | 19.8 | 1.3 | 2,658,405 | 100% |
| Bangor, ME | 12.9 | 3.4 | 147,180 | 100% |
| Barnstable Town, MA | 15.6 | 3.1 | 224,816 | 100% |
| Birmingham-Hoover, AL | 17.5 | 1.4 | 656,700 | 60% |
| Boston-Cambridge-Quincy, MA-NH | 13.4 | 1.4 | 4,455,217 | 100% |
| Buffalo-Niagara Falls, NY | 7.7 | 1.1 | 1,137,520 | 100% |
| Burlington-South Burlington, VT | 15.5 | 3.4 | 206,007 | 100% |
| Chicago-Naperville-Joliet, IL-IN-WI | 12.4 | 0.8 | 8,034,600 | 85% |
| Cleveland-Elyria-Mentor, OH | 17.3 | 1.4 | 1,314,241 | 62% |
| Dallas-Fort Worth-Arlington, TX | 3.9 | 1.0 | 1,283,089 | 21% |
| Denver-Aurora, CO | 13.9 | 2.4 | 2,332,305 | 97% |
| Detroit-Warren-Livonia, MI | 20.2 | 1.4 | 4,375,205 | 98% |
| Fargo, ND-MN | 0.8 | 2.3 | 132,525 | 71% |
| Farmington, NM | 6.3 | 4.0 | 126,473 | 100% |
| Houston-Sugar Land-Baytown, TX | 11.4 | 1.4 | 3,886,207 | 70% |
| Indianapolis-Carmel, IN | 11.3 | 0.8 | 998,820 | 60% |
| Kansas City, MO-KS | 8.3 | 2.2 | 1,049,877 | 53% |
| Las Cruces, NM | 11.3 | 1.0 | 193,888 | 100% |
| Lawton, OK | 4.6 | 0.9 | 109,181 | 100% |
| Lewiston-Auburn, ME | 8.4 | 0.9 | 107,552 | 100% |
| Los Angeles-Long Beach-Santa Ana, CA | 9.8 | 1.4 | 12,950,129 | 100% |
| Louisville-Jefferson County, KY-IN | 10.1 | 1.0 | 701,500 | 57% |
| Manchester-Nashua, NH | 8.2 | 1.0 | 402,789 | 100% |
| Milwaukee-Waukesha-West Allis, WI | 19.6 | 1.2 | 915,097 | 61% |
| Minneapolis-St. Paul-Bloomington, MN-WI | 6.8 | 1.8 | 2,653,234 | 84% |

Table 2 (continued)**Rates of drug-related deaths and drug-related suicide deaths per 100,000 population, 2006**

| Metropolitan area or State | Rate of drug-related deaths per 100,000 population* | | DAWN coverage | |
|--|--|----------------|---------------|-------------------------------|
| | Deaths | Suicide deaths | Population | Percent of area population |
| New Orleans-Metairie-Kenner, LA | 28.7 | 0.4 | 532,659 | 52% |
| New York-Northern New Jersey- Long Island, NY-NJ-PA | 9.9 | 0.7 | 11,103,957 | 59% |
| Ogden-Clearfield, UT | 11.3 | 2.0 | 497,640 | 100% |
| Oklahoma City, OK | 7.3 | 1.4 | 1,172,339 | 100% |
| Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | 26.0 | 1.2 | 3,502,789 | 60% |
| Phoenix-Mesa-Scottsdale, AZ | 16.9 | 3.4 | 3,768,123 | 93% |
| Pittsburgh, PA | 15.3 | 1.7 | 1,223,411 | 52% |
| Pittsfield, MA | 6.9 | 0.8 | 131,117 | 100% |
| Portland-South Portland-Biddeford, ME | 8.0 | 1.0 | 513,667 | 100% |
| Portland-Vancouver-Beaverton, OR-WA | 11.7 | 3.0 | 1,569,953 | 73% |
| Provo-Orem, UT | 16.0 | 2.3 | 474,180 | 100% |
| Salisbury, MD | 19.5 | 0.8 | 117,761 | 100% |
| Salt Lake City, UT | 19.3 | 2.6 | 1,067,722 | 100% |
| San Diego-Carlsbad-San Marcos, CA | 8.4 | 1.1 | 2,941,454 | 100% |
| San Francisco-Oakland-Fremont, CA | 6.5 | 2.1 | 954,241 | 23% |
| Santa Fe, NM | 16.2 | 1.4 | 142,407 | 100% |
| Seattle-Tacoma-Bellevue, WA | 15.6 | 3.2 | 3,263,497 | 100% |
| Sioux Falls, SD | 0.6 | 1.2 | 163,281 | 77% |
| Springfield, MA | 13.0 | 1.7 | 686,174 | 100% |
| St. George, UT | 9.5 | 1.6 | 126,312 | 100% |
| St. Louis, MO-IL | 13.7 | 2.2 | 2,373,249 | 84% |
| Tulsa, OK | 13.4 | 1.4 | 897,752 | 100% |
| Washington-Arlington-Alexandria, DC-VA-MD-WV | 6.3 | 1.1 | 5,239,957 | 99% |
| Worcester, MA | 13.5 | 1.4 | 784,992 | 100% |
| States | | | | |
| Maine | 9.2 | 1.7 | 1,321,574 | 100% |
| Maryland | 13.6 | 1.0 | 5,615,727 | 100% |
| Massachusetts | 14.2 | 1.6 | 6,437,193 | 100% |
| New Hampshire | 8.9 | 1.3 | 1,314,895 | 100% |
| New Mexico | 19.2 | 2.8 | 1,954,599 | 100% |
| Oklahoma | 8.4 | 1.2 | 3,579,212 | 100% |
| Utah | 15.9 | 2.4 | 2,550,063 | 100% |
| Vermont | 11.5 | 3.0 | 623,908 | 100% |

* Drug-related deaths exclude drug-related suicide deaths.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Table 3**Rates of drug-related deaths and percentage change, 2005 and 2006**

| Metropolitan area or State* | Rate of drug-related deaths per 100,000 population [†] | | Percent change in rate, 2005 to 2006 | DAWN coverage | |
|--|---|------|--------------------------------------|---------------|----------------------------|
| | 2005 | 2006 | | Population | Percent of area population |
| Metropolitan areas | | | | | |
| Albuquerque, NM | 20.9 | 26.0 | 23.9% | 816,811 | 100% |
| Atlanta-Sandy Springs-Marietta, GA | 6.2 | 7.8 | 26.1% | 3,335,970 | 65% |
| Baltimore-Towson, MD | 18.0 | 19.8 | 10.0% | 2,658,405 | 100% |
| Barnstable Town, MA | 14.6 | 15.6 | 6.7% | 224,816 | 100% |
| Birmingham-Hoover, AL | 11.6 | 17.5 | 51.2% | 656,700 | 60% |
| Boston-Cambridge-Quincy, MA-NH | 12.7 | 13.4 | 5.5% | 4,455,217 | 100% |
| Buffalo-Niagara Falls, NY | 9.3 | 7.7 | -17.2% | 1,137,520 | 100% |
| Burlington-South Burlington, VT | 15.6 | 15.5 | -0.4% | 206,007 | 100% |
| Chicago-Naperville-Joliet, IL-IN-WI | 9.6 | 12.4 | 28.8% | 8,034,600 | 85% |
| Cleveland-Elyria-Mentor, OH | 13.6 | 17.3 | 27.0% | 1,314,241 | 62% |
| Denver-Aurora, CO | 13.7 | 13.9 | 1.5% | 2,332,305 | 97% |
| Houston-Sugar Land-Baytown, TX | 11.7 | 11.4 | -2.7% | 3,886,207 | 70% |
| Indianapolis-Carmel, IN | 6.8 | 11.3 | 67.4% | 998,820 | 60% |
| Kansas City, MO-KS | 9.0 | 8.3 | -8.3% | 1,049,877 | 53% |
| Louisville-Jefferson County, KY-IN | 10.9 | 10.1 | -6.9% | 701,500 | 57% |
| Milwaukee-Waukesha-West Allis, WI | 17.9 | 19.6 | 9.6% | 915,097 | 61% |
| New York-Northern New Jersey-Long Island, NY-NJ-PA | 8.7 | 9.9 | 14.3% | 11,103,957 | 59% |
| Ogden-Clearfield, UT | 11.7 | 11.3 | -4.0% | 497,640 | 100% |
| Oklahoma City, OK | 6.4 | 7.3 | 14.5% | 1,172,339 | 100% |
| Phoenix-Mesa-Scottsdale, AZ | 13.9 | 16.9 | 21.6% | 3,768,123 | 93% |
| Pittsburgh, PA | 17.8 | 15.3 | -13.9% | 1,223,411 | 52% |
| Portland-South Portland-Biddeford, ME | 10.5 | 8.0 | -24.2% | 513,667 | 100% |
| Portland-Vancouver-Beaverton, OR-WA | 11.4 | 11.7 | 2.1% | 1,569,953 | 73% |
| Provo-Orem, UT | 15.8 | 16.0 | 1.2% | 474,180 | 100% |
| Salt Lake City, UT | 18.3 | 19.3 | 5.2% | 1,067,722 | 100% |
| San Diego-Carlsbad-San Marcos, CA | 10.7 | 8.4 | -21.5% | 2,941,454 | 100% |
| Springfield, MA | 11.4 | 13.0 | 14.2% | 686,174 | 100% |
| St. Louis, MO-IL | 10.1 | 13.7 | 35.4% | 2,373,249 | 84% |
| Tulsa, OK | 10.5 | 13.4 | 27.3% | 897,752 | 100% |
| Washington-Arlington-Alexandria, DC-VA-MD-WV | 5.4 | 6.3 | 15.1% | 5,239,957 | 99% |
| Worcester, MA | 11.5 | 13.5 | 17.3% | 784,992 | 100% |

Table 3 (continued)**Rates of drug-related deaths and percentage change, 2005 and 2006**

| Metropolitan area or State* | Rate of drug-related deaths per 100,000 population [†] | | Percent change in rate, 2005 to 2006 | DAWN coverage | |
|-----------------------------|--|------|---|---------------|-------------------------------|
| | 2005 | 2006 | | Population | Percent of area population |
| States | | | | | |
| Maine | 11.4 | 9.2 | -18.9% | 1,321,574 | 100% |
| Maryland | 11.9 | 13.6 | 14.5% | 5,615,727 | 100% |
| Massachusetts | 13.5 | 14.2 | 5.4% | 6,437,193 | 100% |
| New Hampshire | 6.7 | 8.9 | 33.7% | 1,314,895 | 100% |
| New Mexico | 16.3 | 19.2 | 18.4% | 1,954,599 | 100% |
| Oklahoma | 7.2 | 8.4 | 16.5% | 3,579,212 | 100% |
| Utah | 15.6 | 15.9 | 1.9% | 2,550,063 | 100% |
| Vermont | 11.6 | 11.5 | -0.2% | 623,908 | 100% |

* The table is limited to those areas where the same jurisdictions participated in both years.

[†] Drug-related deaths exclude drug-related suicide deaths.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

PROFILES AND SPOTLIGHTS

DAWN mortality data are reported for metropolitan areas with 30 or more deaths and for all participating States in six figures and tables that span two or more pages. These are referred to as “full profiles.” Metropolitan areas with fewer than 30 deaths or areas with less than 50 percent coverage receive an “abbreviated profile” that includes just one of the six tables. Large, individual jurisdictions that are part of a multijurisdictional area and reported 60 or more deaths receive a full profile that is referred to as a “spotlight.”

Among the 51 metropolitan areas, full profiles are provided for 38 metropolitan areas. Abbreviated profiles are provided for 11 metropolitan areas that submitted 30 or fewer drug-related deaths and for 2 metropolitan areas with less than 50 percent population coverage. Spotlights are provided for 45 individual jurisdictions.

Table 4 lists the metropolitan area profiles and spotlights for jurisdictions within those areas. Table 5 lists State profiles and profiles for metropolitan areas located wholly within those States.

At the end of this publication, the profiles and spotlights appear in separate sections in alphabetical order by State and metropolitan area name. The Contents to this publication lists the profiles and spotlights in the order in which they appear.

Table 4
Metropolitan area profiles and county spotlights

| Type of profile | Metropolitan area profile | County spotlight(s) |
|-----------------|---|--|
| Full | Albuquerque, NM | Bernalillo County |
| Full | Atlanta-Sandy Springs-Marietta, GA | Fulton County |
| Full | Baltimore-Towson, MD | Baltimore City Baltimore County |
| Abbreviated | Bangor, ME | None |
| Full | Barnstable Town, MA | None |
| Full | Birmingham-Hoover, AL | None |
| Full | Boston-Cambridge-Quincy, MA-NH | Essex County Middlesex County Norfolk County Suffolk County |
| Full | Buffalo-Niagara Falls, NY | Erie County |
| Full | Burlington-South Burlington, VT | None |
| Full | Chicago-Naperville-Joliet, IL-IN-WI | Cook County Lake County |
| Full | Cleveland-Elyria-Mentor, OH | None |
| Abbreviated | Dallas-Fort Worth-Arlington, TX | None |
| Full | Denver-Aurora, CO | Adams County Arapahoe County Denver County |
| Full | Detroit-Warren-Livonia, MI | Macomb County Oakland County Wayne County |
| Abbreviated | Fargo, ND-MN | None |
| Abbreviated | Farmington, NM | None |
| Full | Houston-Sugar Land-Baytown, TX | None |
| Full | Indianapolis-Carmel, IN | Marion County |
| Full | Kansas City, MO-KS | Jackson County |
| Abbreviated | Las Cruces, NM | None |
| Abbreviated | Lawton, OK | None |
| Abbreviated | Lewiston-Auburn, ME | None |
| Full | Los Angeles-Long Beach-Santa Ana, CA | Los Angeles County Orange County |
| Full | Louisville-Jefferson County, KY-IN | None |
| Full | Manchester-Nashua, NH | None |
| Full | Milwaukee-Waukesha-West Allis, WI | None |
| Full | Minneapolis-St. Paul-Bloomington, MN-WI | Hennepin County |
| Full | New Orleans-Metairie-Kenner, LA | Jefferson Parish |

Table 4 (continued)**Metropolitan area profiles and county spotlights**

| Type of profile | Metropolitan area profile | County spotlight(s) |
|-----------------|--|--|
| Full | New York-Northern New Jersey-Long Island, NY-NJ-PA | Bronx County Kings County New York County Queens County Suffolk County Union County |
| Full | Ogden-Clearfield, UT | None |
| Full | Oklahoma City, OK | Oklahoma County |
| Full | Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | Bucks County Delaware County Montgomery County Philadelphia County |
| Full | Phoenix-Mesa-Scottsdale, AZ | None |
| Full | Pittsburgh, PA | None |
| Abbreviated | Pittsfield, MA | None |
| Full | Portland-South Portland-Biddeford, ME | None |
| Full | Portland-Vancouver-Beaverton, OR-WA | Multnomah County |
| Full | Provo-Orem, UT | Utah County |
| Abbreviated | Salisbury, MD | None |
| Full | Salt Lake City, UT | Salt Lake County |
| Full | San Diego-Carlsbad-San Marcos, CA | None |
| Abbreviated | San Francisco-Oakland-Fremont, CA | None |
| Abbreviated | Santa Fe, NM | None |
| Full | Seattle-Tacoma-Bellevue, WA | King County Pierce County Snohomish County |
| Abbreviated | Sioux Falls, SD | None |
| Full | Springfield, MA | Hampden County |
| Abbreviated | St. George, UT | None |
| Full | St. Louis, MO-IL | St. Louis City St. Louis County |
| Full | Tulsa, OK | Tulsa County |
| Full | Washington-Arlington-Alexandria, DC-VA-MD-WV | District of Columbia |
| Full | Worcester, MA | None |

Table 5
State profiles and metropolitan area profiles wholly in those States

| State profile | Metropolitan area profiles | Type of profile |
|---------------|---------------------------------------|-----------------|
| Maine | Bangor, ME | Abbreviated |
| | Lewiston-Auburn, ME | Abbreviated |
| | Portland-South Portland-Biddeford, ME | Full |
| Maryland | Baltimore-Towson, MD | Full |
| | Salisbury, MD | Abbreviated |
| Massachusetts | Barnstable Town, MA | Full |
| | Pittsfield, MA | Abbreviated |
| | Springfield, MA | Full |
| | Worcester, MA | Full |
| New Hampshire | Manchester-Nashua, NH | Full |
| New Mexico | Albuquerque, NM | Full |
| | Farmington, NM | Abbreviated |
| | Las Cruces, NM | Abbreviated |
| | Santa Fe, NM | Abbreviated |
| Oklahoma | Lawton, OK | Abbreviated |
| | Oklahoma City, OK | Full |
| | Tulsa, OK | Full |
| Utah | Ogden-Clearfield, UT | Full |
| | Provo-Orem, UT | Full |
| | Salt Lake City, UT | Full |
| | St. George, UT | Abbreviated |
| Vermont | Burlington-South Burlington, VT | Full |

Full profiles

The full profile is composed of six exhibits plus a map and demographic information on the State or metropolitan area and its constituent counties. Figure 1 shows the general layout of the full profile. All profiles observe the following conventions:

- Counts of drug-related deaths are reported in two mutually exclusive categories: (1) drug-related deaths, and (2) drug-related suicide deaths. That is, counts of drug-related deaths exclude suicide deaths.
- The unit of measurement in all charts and tables is deaths or death rates.
- Death rates are reported as deaths per 100,000 population.

Map

Each profile begins with a map displaying the boundaries of the metropolitan area or State and its component counties. In this publication, the terms "death investigation jurisdiction" (or, simply, "jurisdiction") and "county" are used interchangeably because ME/Cs' offices are typically organized by county. The one exception occurs in Niagara County, NY, which is divided into four districts. For reporting purposes, the four districts that make up Niagara County, NY, are treated collectively as a single jurisdiction.

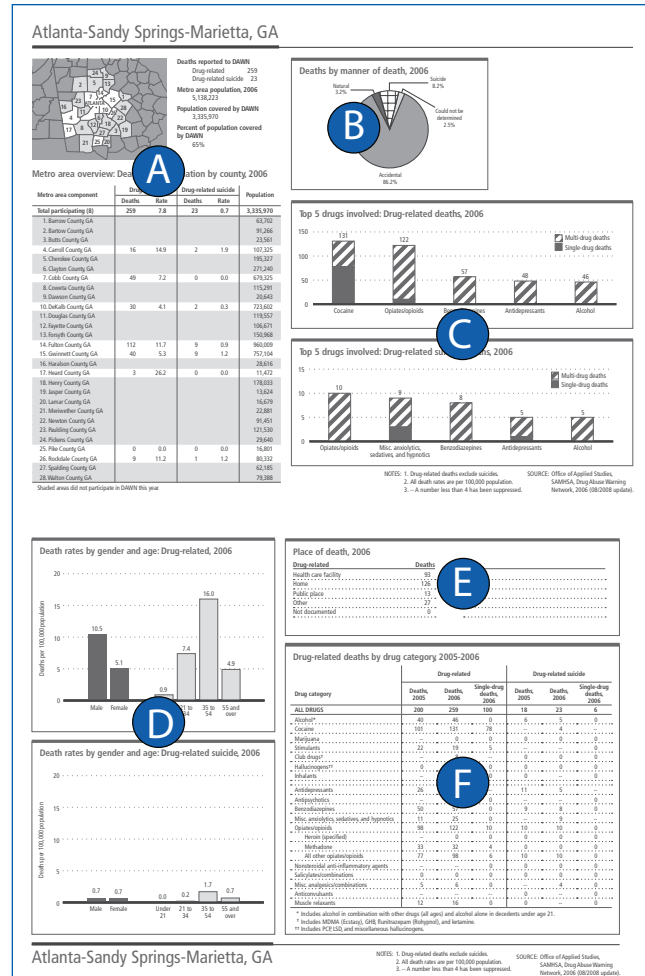
Both participating and nonparticipating jurisdictions are shown in the map. Jurisdictions that provided mortality data for 2006 are colored white. Jurisdictions in the area that did not provide data are shaded light blue. Areas outside of the metropolitan area or State are shaded darker blue.

Metropolitan area definitions used in this publication are those established by OMB, based on the 2000 decennial U.S. Census and updated in 2003.⁶ Changes in metropolitan statistical area (MSA) boundaries since 2003 have not altered the metropolitan areas reported on in this publication. By OMB convention, the names of MSAs reflect the largest population centers (i.e., cities) in the MSA. If the relative population size of cities changes (i.e., the second largest becomes the largest), OMB changes the name of the MSA to reflect the new order of cities by size (i.e., the name of the larger city will appear first). This publication uses the name of the MSA that was current at the end of the data collection year.

Next to the map, the following items appear:

- Total number of drug-related deaths (excluding suicide deaths), and the number of drug-related suicide deaths reported by participating jurisdictions,
- Total population of the area,
- Population covered by participating jurisdictions, and
- Percentage of population residing in participating jurisdictions.⁷

Figure 1. Sample metropolitan area profile layout



⁶ 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 at <http://www.whitehouse.gov/omb/bulletins/b03-04.html>.)

⁷ Population estimates for 2005 and 2006 were obtained from the U.S. Census Bureau County-Level Population Estimates (CPOP file), Vintage 2006, released August 2007. (Available at <http://www.census.gov/popest/>.)

Table A: Metro area overview: Deaths and population by county, 2006

Below the map, Table A lists each of the component jurisdictions for the area. Each jurisdiction is numbered to correspond to the numbers shown on the area map. In metropolitan areas that cross State borders, jurisdictions are ordered first by State and then alphabetically by county name. Nonparticipating jurisdictions are included in the list with a shaded background to distinguish them from participating jurisdictions.

Information in Table A for each jurisdiction includes the following:

- Number of drug-related deaths and corresponding rates (deaths per 100,000 population),
- Number of drug-related suicide deaths and corresponding rates (suicide deaths per 100,000 population), and
- Population for the jurisdiction.

The top row of the table totals this information for just the participating jurisdictions.

Rates, because they are population adjusted, can be compared across jurisdictions, metropolitan areas, and States. This standardization does not take into account, however, the differences in applicable laws that specify which deaths are subject to ME/C review or other factors that may confound comparisons.

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

Figure B: Deaths by manner of death, 2006

Figure B is a pie chart that displays manner of death for drug-related deaths and drug-related suicide deaths. The manner of death reported here is that assigned by the ME/C using the categories provided on the U.S. Standard Certificate of Death. Solid-colored slices are reserved for drug-related deaths other than suicides; the patterned slice shows the suicide deaths. Reading clockwise, the manners of death are identified as follows:

- Suicide, black lines on white background,
- Homicide deaths, white,
- Deaths for which manner of death could not be determined, light blue,
- Accidental deaths, medium blue, and
- Natural deaths, darkest blue.

Figure C: Top 5 drugs involved: Drug-related deaths, 2006 Top 5 drugs involved: Drug-related suicide deaths, 2006

Separate bar charts show the five most common types of drugs (e.g., opiates/opioids, benzodiazepines) reported to DAWN for drug-related deaths and drug-related suicide deaths across the participating jurisdictions. The number shown above each bar is the number of deaths reported for a specific drug type. The name of the drug type is printed below each bar. Each bar is partitioned to display separately the portion of deaths involving a single drug type (solid blue area in bottom portion of bar) versus multiple drug types (striped area in top of bar). A bar is not printed if there are fewer

than four deaths associated with a drug type, and therefore, fewer than five bars may appear. The top 5 drug types are identified from among 17 different drug types, as listed in Table F (see below).

A single death that involved two drugs of *different types* (e.g., cocaine and heroin) would be counted in two bars (e.g., cocaine and heroin, respectively). As a result, summing the number of deaths reported in each bar will double-count deaths that involved multiple types of drugs. A death that involved two drugs of the *same type* (e.g., multiple opiates/opioids, such as methadone and heroin) will be counted once (e.g., in the bar for opiates/opioids).

Grouping drugs by drug type eliminates double counting due to the following causes: redundant drug reports (e.g., "cocaine" and its metabolite "benzoylecgonine" being reported for the same death); redundant reports from nonspecific terms (e.g., "heroin" and "opiates" being reported for the same death); and drug reports that may be indistinguishable (e.g., "heroin" and "morphine").

Figure D: Death rates by gender and age: Drug-related, 2006 **Death rates by gender and age: Drug-related suicide deaths, 2006**

Figure D displays the gender and categorical age of decedents in drug-related deaths and drug-related suicide deaths, in terms of deaths per 100,000 population. Only population in participating jurisdictions is considered in the calculation of these rates. Taking population size into account enables comparisons to be made across age and gender subgroups.

Table E: Place of death, 2006

Table E reports the place of death for drug-related deaths and drug-related suicide deaths. Deaths in emergency departments and other health care facilities have been combined into the single category "Health care facility."

Table F: Drug-related deaths by drug category, 2005-2006

Table F reports, by drug type or drug, the count of drug-related deaths and drug-related suicide deaths for 2005 and 2006. The first row of Table F summarizes deaths across all drug categories; the subsequent rows provide detail for 17 specific drug types or drugs of particular interest.

Data for both 2005 and 2006 are reported when the same jurisdictions participated in both years. If comparable data for 2005 are not available (e.g., due to nonparticipation) or are not comparable to those shown for 2006 (e.g., in the Detroit metropolitan area, Livingston County, MI, participated in 2006 but not in 2005), the columns are left blank.

Counts of drug-related deaths and drug-related suicide deaths include deaths that involved both single and multiple drugs. Summing these deaths across drug types or drugs could result in double counting deaths associated with multiple drug types. To help provide a better understanding of single versus multidrug involvement, counts of single-drug deaths are reported. Single-drug deaths involve the listed drug type or drug and no other, and they are a subset of the total count of deaths.

The 17 drug categories shown in this table are derived from DAWN's standard drug classification scheme and include the following:⁸

- **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 F pertain to illicit drugs:

- **Cocaine**, which includes both crack and powder cocaine.
- **Marijuana**, which includes marijuana and hashish. 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 methylenedioxyamphetamine (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. Such differences limit comparisons with 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 and the inhalation was not accidental.

The remaining rows in Table F are devoted to prescription and over-the-counter pharmaceuticals. For this table, heroin is categorized and reported on as an opiate/opioid. Low-frequency drugs have been aggregated into higher-level categories:

- **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.⁹ The subdivisions are the following:

⁸ The classification of drugs used by DAWN is derived from the Multum *Lexicon*, © 2008, Multum Information Services, Inc. The classification has been modified to meet DAWN's unique requirements (2008). The Multum Licensing Agreement governing use of the *Lexicon* is provided in Appendix C. (Also available at <http://www.multum.com/>.)

⁹ Some examples may assist readers in interpreting this classification. A death that involved heroin and methadone would be counted in the "Opiates/opioids" row, in the "Heroin (specified)" row, and in the "Methadone" row. A death that involved morphine would be counted in the "Opiates/opioids" row and in the "All other opiates/opioids" row. A death that involved both morphine and codeine would be counted in the "Opiates/opioids" row and in the "All other opiates/opioids" row.

- **Heroin (specified)**, which includes heroin reported by name or its specific metabolites;¹⁰
- **Methadone**; and
- **All other opiates/opioids**, which include the balance of deaths reported in the row labeled “Opiates/opioids” and also include codeine, hydrocodone, oxycodone, and morphine, as well as drug reports designated simply as “opiates.”¹¹
- **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.

Limitations to data

Not every reported substance (drug) is, by itself, the cause of death or even a contributor to the death. DAWN’s broad definition of drug involvement requires only that the drug is related to the death. Therefore, even in single-drug deaths, reported drugs may not be a direct cause of death. Furthermore, incidental reporting (i.e., reporting of drugs unrelated to the death) is unavoidable due to ambiguities and insufficiencies in the ME/C’s records.

The total number of deaths in some drug categories is often quite small and of limited significance. The intent in reporting small counts is primarily to indicate the relative occurrence of deaths in different drug categories.

Numbers less than four but greater than zero are suppressed.

Abbreviated profiles for selected metropolitan areas

To warrant a full profile, the participating jurisdictions of a metropolitan area in combination must have reported more than 30 drug-related deaths or drug-related suicide deaths, and the area’s population coverage must exceed 50 percent. If either of these two conditions was not met, an abbreviated profile is provided for the area. In contrast to full profiles, abbreviated profiles include only a map and Table A (see above).

Spotlights

Spotlights are produced for individual jurisdictions in which 60 or more drug-related deaths were reported. The purpose is to distinguish findings for a single location from those of the metropolitan area as a whole. Spotlights may appear for jurisdictions even if the metropolitan area itself had less than 50 percent population coverage. In

¹⁰ Note that morphine and unspecified opiates are *not* grouped in the “Heroin (specified)” category. Morphine is not classified as heroin because it is not possible to differentiate morphine, the metabolite of heroin, from morphine itself. Most drugs in the category “Heroin (specified)” were reported to DAWN as heroin or its metabolite monoacetylmorphine. A few were reported as acetylmorphine, diacetylmorphine, acetylcodeine, monoacetylcodeine, heroin dope, or black tar heroin.

¹¹ The term “morphine” or “free morphine” accounted for most drug reports classified as “morphine,” and the term “opiates” accounted for most of the unspecified opiates.

some instances, even if a jurisdiction has 60 or more deaths, a spotlight may not be needed. Such is the case when a metropolitan area contains only one county or had only one county participating in DAWN.

Spotlights have essentially the same format as the full metropolitan area profile. Spotlights include the map; Figures B, C, and D; and Tables E and F, as described above. Because of the small numbers, drug-related suicide deaths have been removed from all exhibits except the jurisdiction summary and Figure B.

State profiles

Eight statewide ME/C systems participated in DAWN in 2006. A full profile is provided for each of the following States:

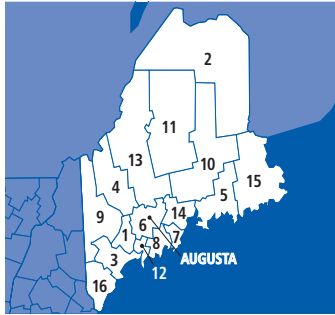
- Maine,
- Maryland,
- Massachusetts,
- New Hampshire,
- New Mexico,
- Oklahoma,
- Utah, and
- Vermont.

Any metropolitan areas that fell wholly within the eight statewide ME/C systems and reported more than 30 drug-related deaths or drug-related suicide deaths to DAWN in 2006 received a full profile (Table 5).

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.

STATE PROFILES

Maine



Deaths reported to DAWN
 Drug-related 122
 Drug-related suicide 23

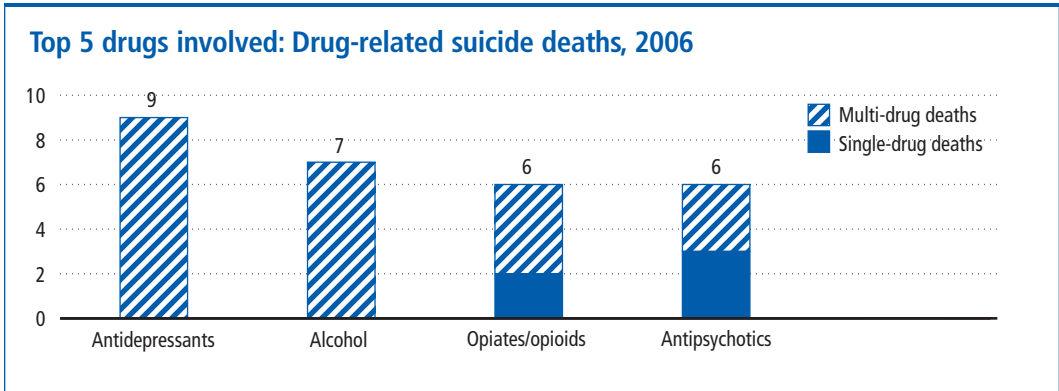
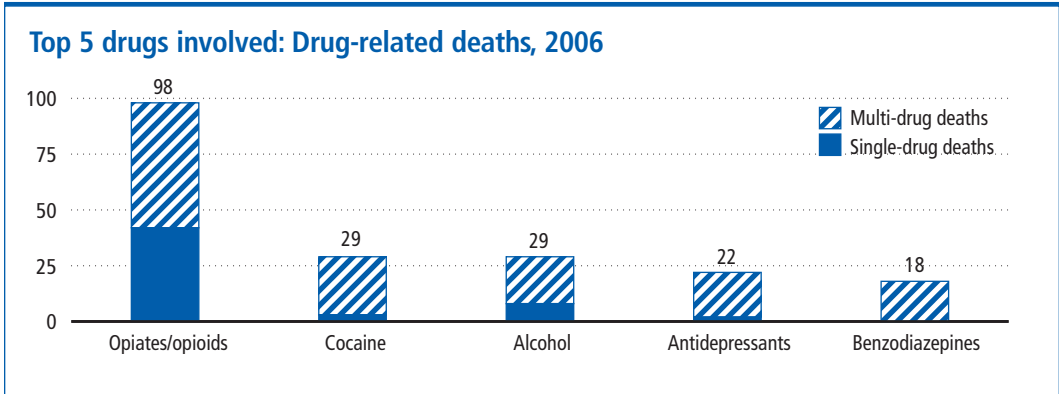
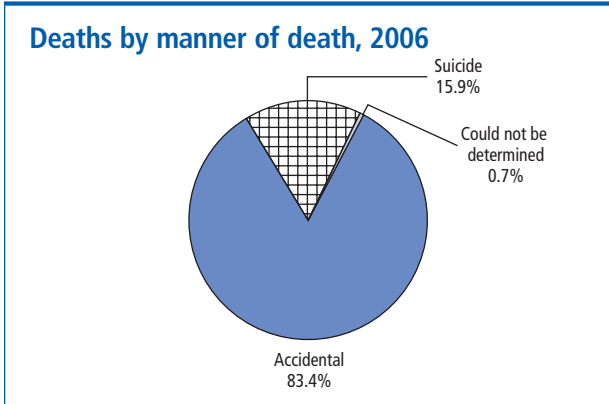
State population, 2006
 1,321,574

Population covered by DAWN
 1,321,574

Percent of population covered by DAWN
 100%

State overview: Deaths and population by county, 2006

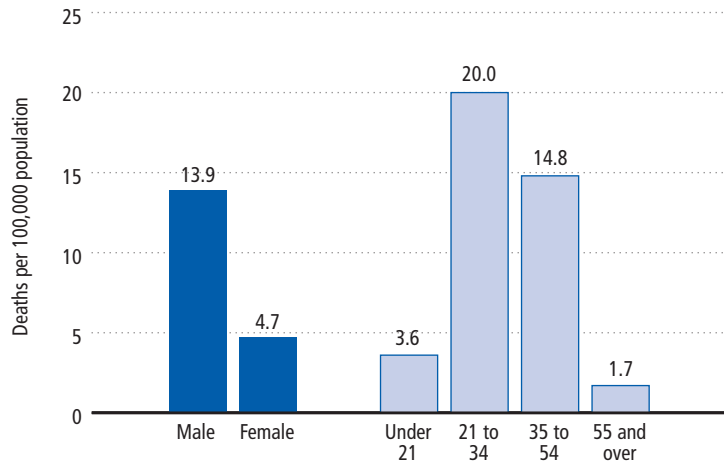
| Counties | Drug-related | | Drug-related suicide | | Population |
|---------------------------------|--------------|------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (16) | 122 | 9.2 | 23 | 1.7 | 1,321,574 |
| 1. Androscoggin County | 9 | 8.4 | 1 | 0.9 | 107,552 |
| 2. Aroostook County | 3 | 4.1 | 1 | 1.4 | 73,008 |
| 3. Cumberland County | 22 | 8.0 | 2 | 0.7 | 274,598 |
| 4. Franklin County | 3 | 10.0 | 0 | 0.0 | 30,017 |
| 5. Hancock County | 2 | 3.7 | 2 | 3.7 | 53,797 |
| 6. Kennebec County | 21 | 17.3 | 4 | 3.3 | 121,068 |
| 7. Knox County | 4 | 9.7 | 0 | 0.0 | 41,096 |
| 8. Lincoln County | 4 | 11.4 | 0 | 0.0 | 35,234 |
| 9. Oxford County | 3 | 5.3 | 2 | 3.5 | 57,118 |
| 10. Penobscot County | 19 | 12.9 | 5 | 3.4 | 147,180 |
| 11. Piscataquis County | 1 | 5.7 | 0 | 0.0 | 17,585 |
| 12. Sagadahoc County | 0 | 0.0 | 1 | 2.7 | 36,837 |
| 13. Somerset County | 2 | 3.8 | 1 | 1.9 | 52,249 |
| 14. Waldo County | 4 | 10.3 | 1 | 2.6 | 38,715 |
| 15. Washington County | 6 | 18.0 | 1 | 3.0 | 33,288 |
| 16. York County | 19 | 9.4 | 2 | 1.0 | 202,232 |



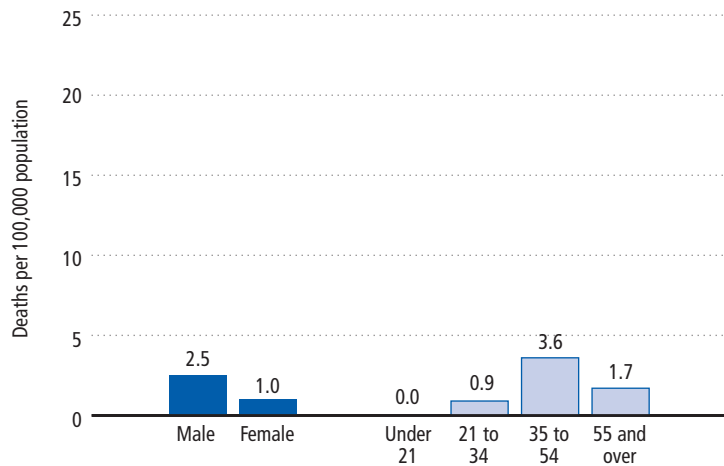
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

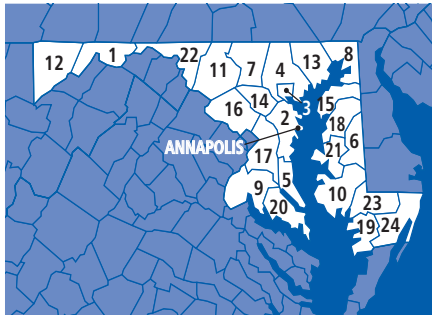
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 24 | Health care facility | 5 |
| Home | 62 | Home | 15 |
| Public place | 11 | Public place | -- |
| Other | 25 | Other | -- |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 150 | 122 | 56 | 23 | 23 | 6 |
| Alcohol* | 34 | 29 | 8 | 6 | 7 | 0 |
| Cocaine | 22 | 29 | -- | 0 | -- | 0 |
| Marijuana | -- | -- | 0 | 0 | 0 | 0 |
| Stimulants | 0 | 0 | 0 | 0 | 0 | 0 |
| Club drugs† | -- | 0 | 0 | 0 | 0 | 0 |
| Hallucinogens†† | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | 0 | -- | 0 | 0 | 0 | 0 |
| Antidepressants | 17 | 22 | -- | 10 | 9 | 0 |
| Antipsychotics | 7 | 8 | -- | -- | 6 | -- |
| Benzodiazepines | 26 | 18 | 0 | 5 | -- | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | -- | 4 | 0 | 4 | -- | 0 |
| Opiates/opioids | 122 | 98 | 42 | 6 | 6 | -- |
| Heroin (specified) | 5 | 4 | -- | -- | 0 | 0 |
| Methadone | 66 | 55 | 22 | -- | -- | 0 |
| All other opiates/opioids | 61 | 50 | 19 | -- | 5 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | -- | 0 |
| Salicylates/combinations | 0 | -- | 0 | 0 | -- | 0 |
| Misc. analgesics/combinations | 5 | 0 | 0 | -- | -- | 0 |
| Anticonvulsants | -- | 6 | 0 | -- | 0 | 0 |
| Muscle relaxants | 5 | 6 | 0 | -- | -- | 0 |

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

Maryland

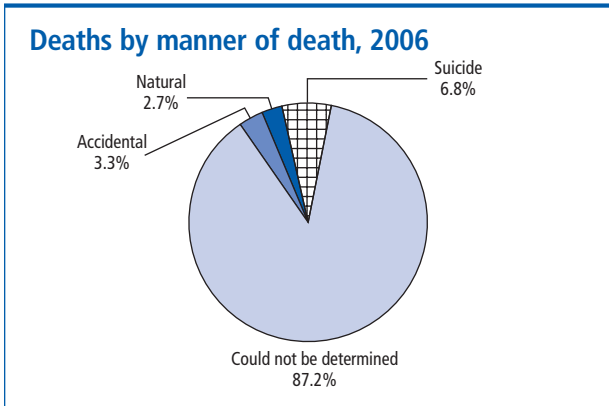


Deaths reported to DAWN
 Drug-related 765
 Drug-related suicide 56

State population, 2006
 5,615,727

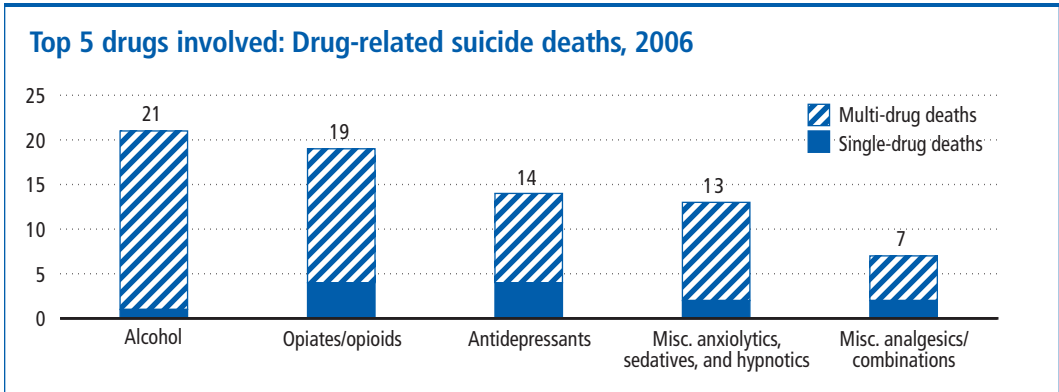
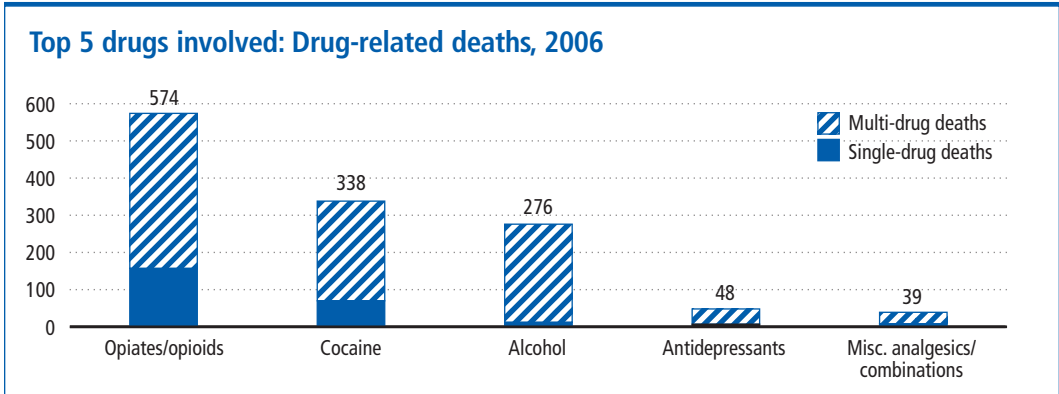
Population covered by DAWN
 5,615,727

Percent of population covered by DAWN
 100%



State overview: Deaths and population by county, 2006

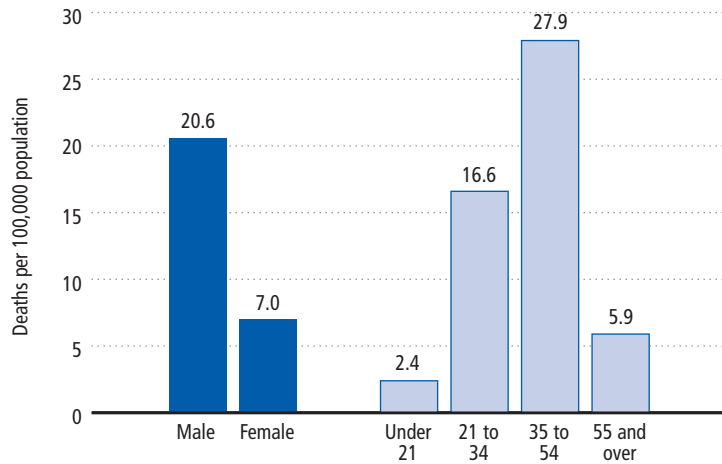
| Counties | Drug-related | | Drug-related suicide | | Population |
|---------------------------------|--------------|-------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (24) | 765 | 13.6 | 56 | 1.0 | 5,615,727 |
| 1. Allegany County | 13 | 17.8 | 2 | 2.7 | 72,831 |
| 2. Anne Arundel County | 56 | 11.0 | 8 | 1.6 | 509,300 |
| 3. Baltimore City | 303 | 48.0 | 9 | 1.4 | 631,366 |
| 4. Baltimore County | 97 | 12.3 | 13 | 1.7 | 787,384 |
| 5. Calvert County | 5 | 5.6 | 1 | 1.1 | 88,804 |
| 6. Caroline County | 2 | 6.1 | 0 | 0.0 | 32,617 |
| 7. Carroll County | 16 | 9.4 | 3 | 1.8 | 170,260 |
| 8. Cecil County | 20 | 20.1 | 3 | 3.0 | 99,506 |
| 9. Charles County | 6 | 4.3 | 1 | 0.7 | 140,416 |
| 10. Dorchester County | 5 | 15.8 | 0 | 0.0 | 31,631 |
| 11. Frederick County | 23 | 10.3 | 1 | 0.4 | 222,938 |
| 12. Garrett County | 4 | 13.4 | 0 | 0.0 | 29,859 |
| 13. Harford County | 36 | 14.9 | 1 | 0.4 | 241,402 |
| 14. Howard County | 17 | 6.2 | 1 | 0.4 | 272,452 |
| 15. Kent County | 1 | 5.0 | 1 | 5.0 | 19,983 |
| 16. Montgomery County | 53 | 5.7 | 2 | 0.2 | 932,131 |
| 17. Prince George's County | 40 | 4.8 | 4 | 0.5 | 841,315 |
| 18. Queen Anne's County | 1 | 2.2 | 0 | 0.0 | 46,241 |
| 19. Somerset County | 4 | 15.5 | 0 | 0.0 | 25,774 |
| 20. St. Mary's County | 7 | 7.1 | 0 | 0.0 | 98,854 |
| 21. Talbot County | 5 | 13.9 | 1 | 2.8 | 36,062 |
| 22. Washington County | 17 | 11.8 | 3 | 2.1 | 143,748 |
| 23. Wicomico County | 19 | 20.7 | 1 | 1.1 | 91,987 |
| 24. Worcester County | 15 | 30.7 | 1 | 2.0 | 48,866 |



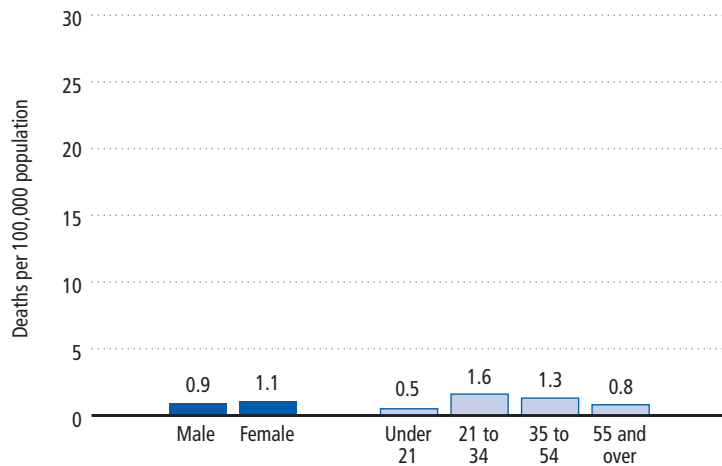
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

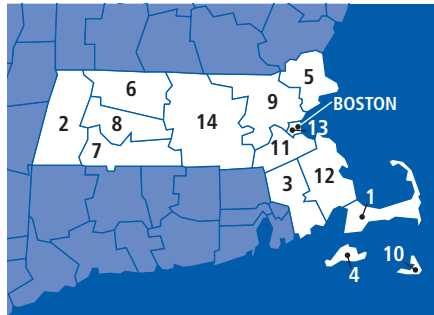
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 321 | Health care facility | 16 |
| Home | 300 | Home | 34 |
| Public place | 22 | Public place | -- |
| Other | 121 | Other | 5 |
| Not documented | -- | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 665 | 765 | 274 | 51 | 56 | 21 |
| Alcohol* | 198 | 276 | 12 | 17 | 21 | -- |
| Cocaine | 248 | 338 | 70 | -- | 7 | 4 |
| Marijuana | -- | -- | 0 | 0 | 0 | 0 |
| Stimulants | 4 | 4 | -- | 0 | 0 | 0 |
| Club drugs† | -- | -- | 0 | 0 | 0 | 0 |
| Hallucinogens†† | 7 | 7 | 0 | 0 | 0 | 0 |
| Inhalants | 0 | -- | -- | 0 | 0 | 0 |
| Antidepressants | 60 | 48 | 7 | 14 | 14 | 4 |
| Antipsychotics | 14 | 17 | 6 | 5 | 4 | -- |
| Benzodiazepines | 22 | 18 | -- | -- | 6 | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | 50 | 34 | 6 | 18 | 13 | -- |
| Opiates/opioids | 523 | 574 | 157 | 13 | 19 | 4 |
| Heroin (specified) | 18 | 15 | 0 | 0 | 0 | 0 |
| Methadone | 177 | 199 | 72 | -- | -- | 0 |
| All other opiates/opioids | 394 | 434 | 85 | 13 | 18 | 4 |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | 0 |
| Salicylates/combinations | -- | -- | 0 | -- | -- | 0 |
| Misc. analgesics/combinations | 44 | 39 | 8 | 15 | 7 | -- |
| Anticonvulsants | -- | 7 | -- | -- | -- | 0 |
| Muscle relaxants | 13 | 5 | 0 | -- | -- | 0 |

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

Massachusetts



Deaths reported to DAWN
 Drug-related 912
 Drug-related suicide 100

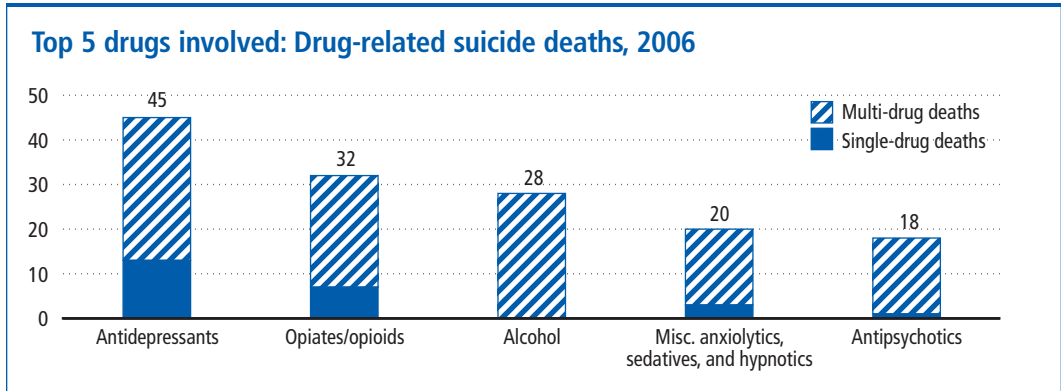
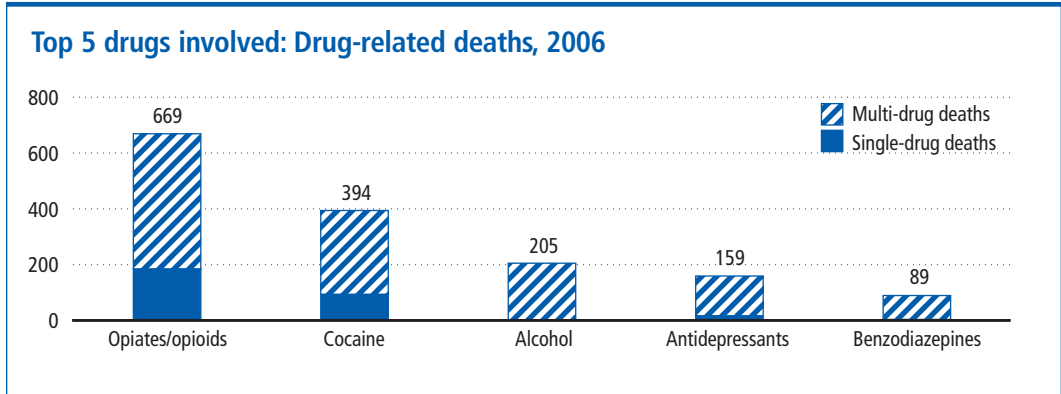
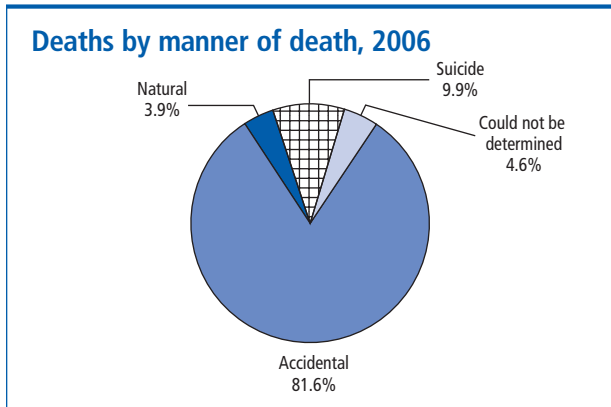
State population, 2006
 6,437,193

Population covered by DAWN
 6,437,193

Percent of population covered by DAWN
 100%

State overview: Deaths and population by county, 2006

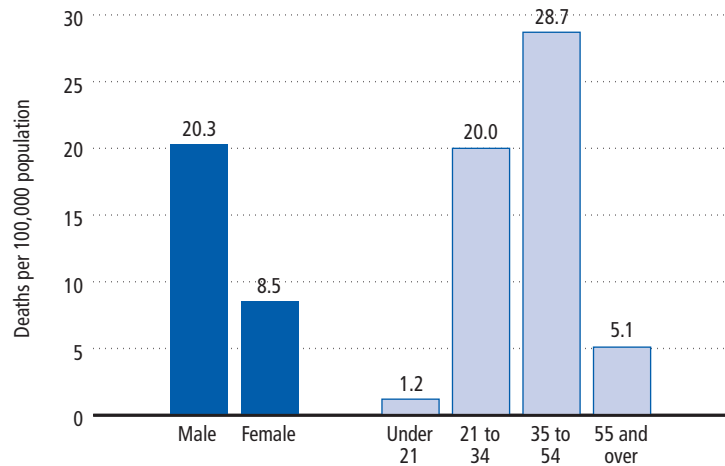
| Counties | Drug-related | | Drug-related suicide | | Population |
|---------------------------------|--------------|-------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (14) | 912 | 14.2 | 100 | 1.6 | 6,437,193 |
| 1. Barnstable County | 35 | 15.6 | 7 | 3.1 | 224,816 |
| 2. Berkshire County | 9 | 6.9 | 1 | 0.8 | 131,117 |
| 3. Bristol County | 109 | 20.0 | 11 | 2.0 | 545,379 |
| 4. Dukes County | 2 | 12.9 | 0 | 0.0 | 15,515 |
| 5. Essex County | 109 | 14.8 | 14 | 1.9 | 735,958 |
| 6. Franklin County | 10 | 13.9 | 1 | 1.4 | 72,183 |
| 7. Hampden County | 61 | 13.2 | 8 | 1.7 | 460,520 |
| 8. Hampshire County | 18 | 11.7 | 3 | 2.0 | 153,471 |
| 9. Middlesex County | 161 | 11.0 | 24 | 1.6 | 1,467,016 |
| 10. Nantucket County | 0 | 0.0 | 0 | 0.0 | 10,240 |
| 11. Norfolk County | 68 | 10.4 | 7 | 1.1 | 654,753 |
| 12. Plymouth County | 59 | 12.0 | 4 | 0.8 | 493,623 |
| 13. Suffolk County | 165 | 24.0 | 9 | 1.3 | 687,610 |
| 14. Worcester County | 106 | 13.5 | 11 | 1.4 | 784,992 |



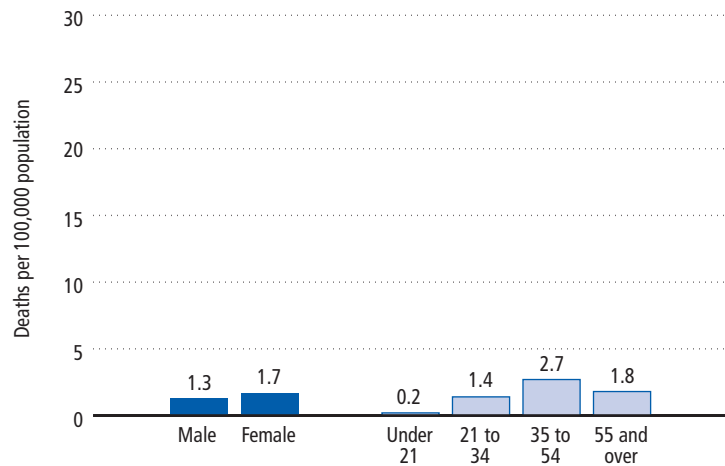
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

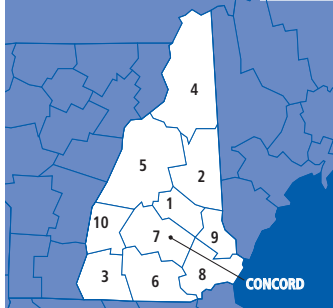
| Drug-related | | Drug-related suicide | |
|----------------------|--------|----------------------|--------|
| | Deaths | | Deaths |
| Health care facility | 290 | Health care facility | 22 |
| Home | 447 | Home | 58 |
| Public place | 24 | Public place | 5 |
| Other | 85 | Other | 11 |
| Not documented | 66 | Not documented | 4 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 863 | 912 | 326 | 88 | 100 | 31 |
| Alcohol* | 257 | 205 | -- | 29 | 28 | 0 |
| Cocaine | 356 | 394 | 93 | 15 | 10 | 0 |
| Marijuana | 15 | 13 | 0 | 0 | 0 | 0 |
| Stimulants | 6 | 11 | -- | 0 | -- | 0 |
| Club drugs† | 4 | -- | 0 | 0 | -- | 0 |
| Hallucinogens†† | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | -- | 9 | 6 | -- | 7 | 5 |
| Antidepressants | 92 | 159 | 16 | 29 | 45 | 13 |
| Antipsychotics | 30 | 38 | 8 | 17 | 18 | -- |
| Benzodiazepines | 75 | 89 | -- | 10 | 14 | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | 14 | 32 | -- | 9 | 20 | -- |
| Opiates/opioids | 635 | 669 | 184 | 23 | 32 | 7 |
| Heroin (specified) | 149 | 39 | 11 | -- | -- | -- |
| Methadone | 103 | 166 | 42 | -- | 6 | -- |
| All other opiates/opioids | 424 | 522 | 131 | 21 | 26 | 4 |
| Nonsteroidal anti-inflammatory agents | -- | 0 | 0 | -- | 0 | 0 |
| Salicylates/combinations | 7 | -- | -- | 4 | 0 | 0 |
| Misc. analgesics/combinations | 13 | 15 | -- | 6 | 6 | -- |
| Anticonvulsants | -- | 4 | -- | -- | 5 | 0 |
| Muscle relaxants | -- | 6 | 0 | 0 | 9 | 0 |

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

New Hampshire



Deaths reported to DAWN
 Drug-related 117
 Drug-related suicide 17

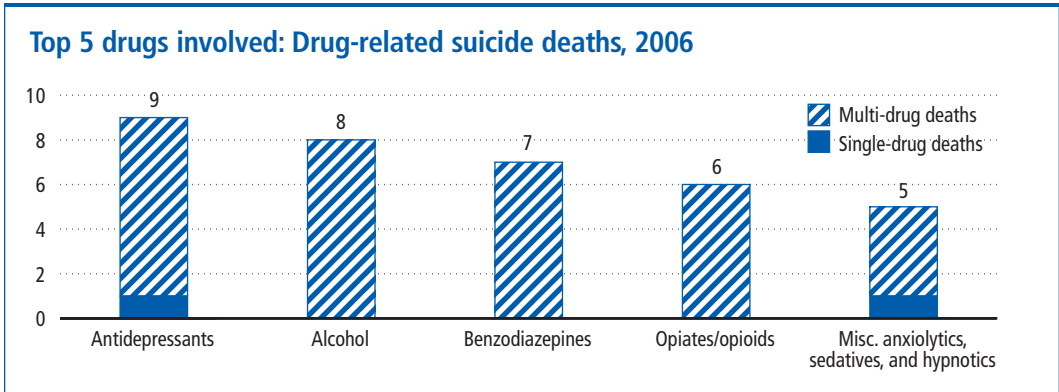
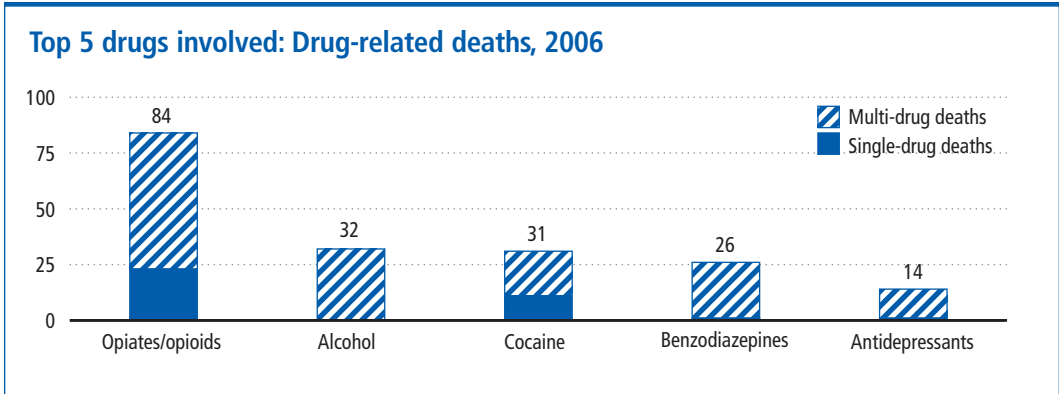
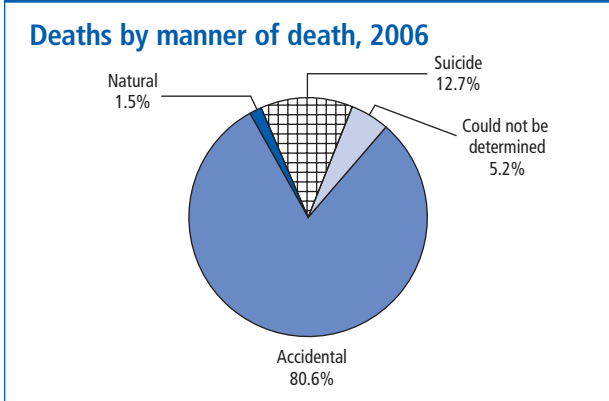
State population, 2006
 1,314,895

Population covered by DAWN
 1,314,895

Percent of population covered by DAWN
 100%

State overview: Deaths and population by county, 2006

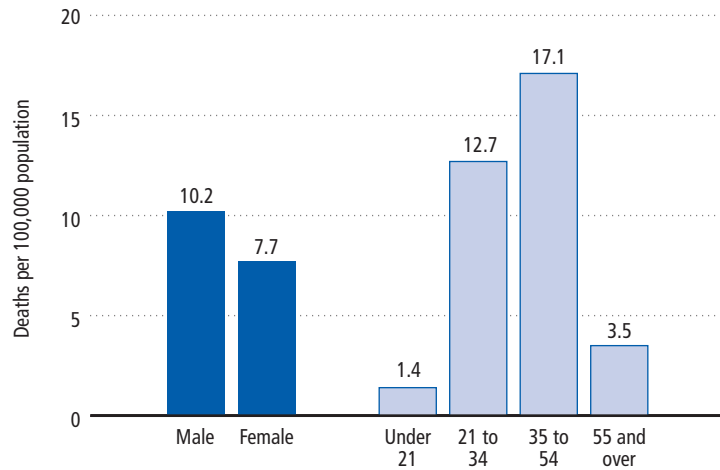
| Counties | Drug-related | | Drug-related suicide | | Population |
|---------------------------------|--------------|------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (10) | 117 | 8.9 | 17 | 1.3 | 1,314,895 |
| 1. Belknap County | 5 | 8.1 | 2 | 3.2 | 61,562 |
| 2. Carroll County | 2 | 4.2 | 2 | 4.2 | 47,475 |
| 3. Cheshire County | 9 | 11.6 | 1 | 1.3 | 77,393 |
| 4. Coos County | 6 | 18.2 | 1 | 3.0 | 33,019 |
| 5. Grafton County | 9 | 10.5 | 0 | 0.0 | 85,336 |
| 6. Hillsborough County | 33 | 8.2 | 4 | 1.0 | 402,789 |
| 7. Merrimack County | 10 | 6.8 | 2 | 1.4 | 148,085 |
| 8. Rockingham County | 24 | 8.1 | 5 | 1.7 | 296,267 |
| 9. Strafford County | 10 | 8.3 | 0 | 0.0 | 119,990 |
| 10. Sullivan County | 9 | 20.9 | 0 | 0.0 | 42,979 |



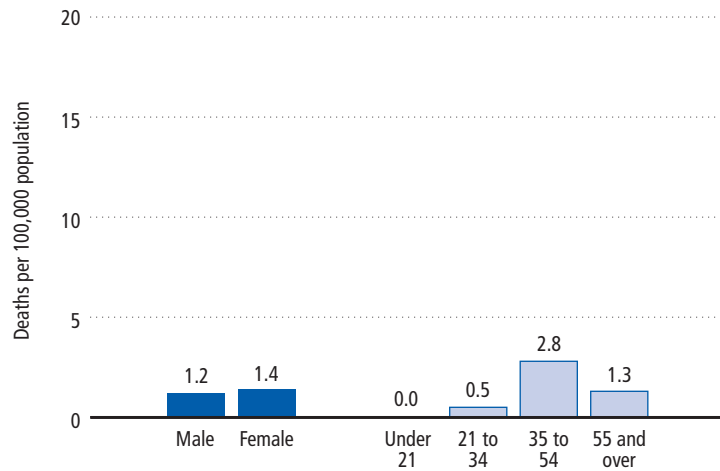
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

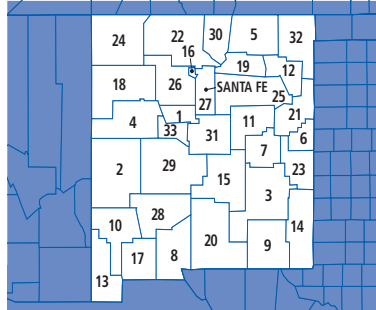
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 35 | Health care facility | -- |
| Home | 69 | Home | 11 |
| Public place | -- | Public place | 4 |
| Other | 11 | Other | 0 |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

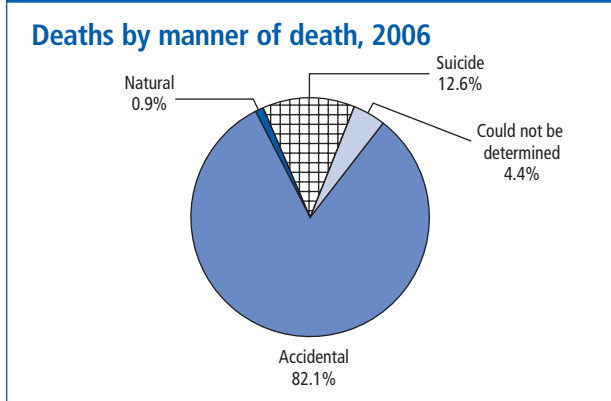
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 87 | 117 | 43 | 13 | 17 | -- |
| Alcohol* | 13 | 32 | 0 | 0 | 8 | -- |
| Cocaine | 23 | 31 | 11 | -- | 0 | -- |
| Marijuana | 0 | 0 | 0 | 0 | 0 | -- |
| Stimulants | -- | -- | 0 | 0 | 0 | -- |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | -- |
| Hallucinogens†† | 0 | 0 | 0 | 0 | 0 | -- |
| Inhalants | -- | -- | -- | 0 | 0 | -- |
| Antidepressants | 11 | 14 | -- | 6 | 9 | -- |
| Antipsychotics | -- | -- | -- | -- | -- | -- |
| Benzodiazepines | 14 | 26 | -- | -- | 7 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | -- | 4 | 0 | -- | 5 | -- |
| Opiates/opioids | 76 | 84 | 23 | 5 | 6 | -- |
| Heroin (specified) | 11 | 12 | 6 | 0 | 0 | -- |
| Methadone | 36 | 33 | 10 | -- | -- | -- |
| All other opiates/opioids | 35 | 52 | 7 | 4 | 4 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | -- |
| Salicylates/combinations | 0 | 0 | 0 | 0 | -- | -- |
| Misc. analgesics/combinations | -- | -- | 0 | -- | 4 | -- |
| Anticonvulsants | -- | -- | 0 | 0 | 0 | -- |
| Muscle relaxants | -- | 4 | 0 | -- | -- | -- |

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

New Mexico

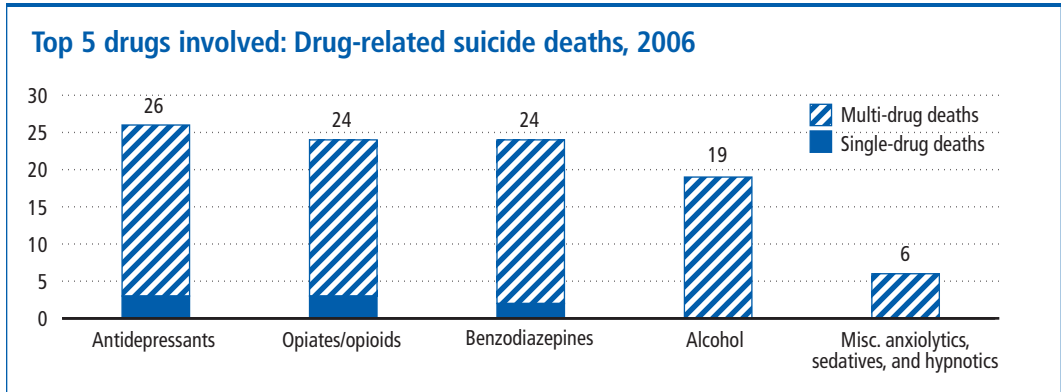
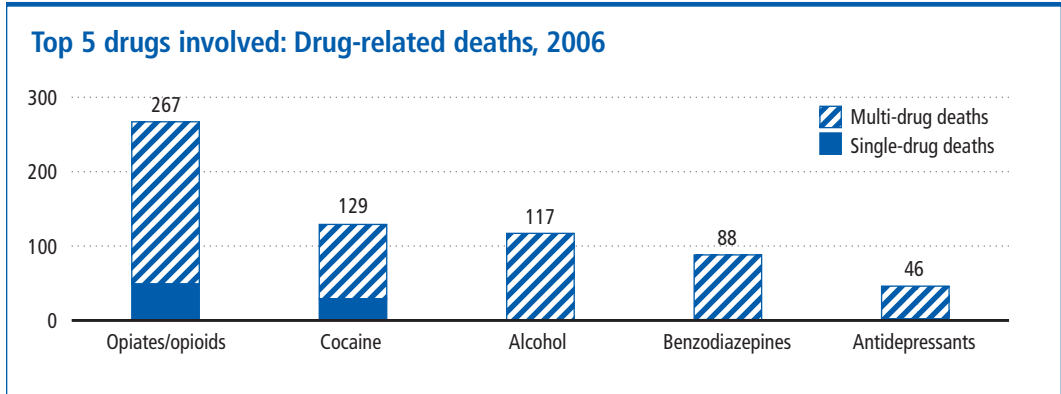


Deaths reported to DAWN
 Drug-related 376
 Drug-related suicide 54
 State population, 2006
 1,954,599
 Population covered by DAWN
 1,954,599
 Percent of population covered
 by DAWN
 100%



State overview: Deaths and population by county, 2006

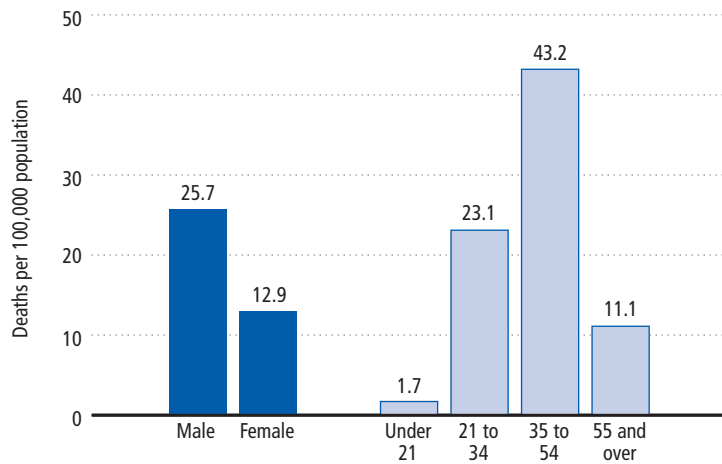
| Counties | Drug-related | | Drug-related suicide | | Population |
|---------------------------------|--------------|-------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (33) | 376 | 19.2 | 54 | 2.8 | 1,954,599 |
| 1. Bernalillo County | 182 | 29.6 | 21 | 3.4 | 615,099 |
| 2. Catron County | 0 | 0.0 | 0 | 0.0 | 3,476 |
| 3. Chaves County | 19 | 30.4 | 0 | 0.0 | 62,474 |
| 4. Cibola County | 4 | 14.6 | 0 | 0.0 | 27,481 |
| 5. Colfax County | 2 | 14.8 | 1 | 7.4 | 13,514 |
| 6. Curry County | 3 | 6.6 | 0 | 0.0 | 45,513 |
| 7. DeBaca County | 0 | 0.0 | 0 | 0.0 | 1,991 |
| 8. Doña Ana County | 22 | 11.3 | 2 | 1.0 | 193,888 |
| 9. Eddy County | 11 | 21.2 | 1 | 1.9 | 51,815 |
| 10. Grant County | 4 | 13.4 | 2 | 6.7 | 29,792 |
| 11. Guadalupe County | 2 | 45.8 | 1 | 22.9 | 4,365 |
| 12. Harding County | 0 | 0.0 | 0 | 0.0 | 718 |
| 13. Hidalgo County | 0 | 0.0 | 0 | 0.0 | 5,087 |
| 14. Lea County | 7 | 12.2 | 0 | 0.0 | 57,312 |
| 15. Lincoln County | 5 | 23.6 | 1 | 4.7 | 21,223 |
| 16. Los Alamos County | 0 | 0.0 | 0 | 0.0 | 19,022 |
| 17. Luna County | 3 | 11.0 | 1 | 3.7 | 27,205 |
| 18. McKinley County | 4 | 5.6 | 0 | 0.0 | 71,875 |
| 19. Mora County | 0 | 0.0 | 0 | 0.0 | 5,151 |
| 20. Otero County | 12 | 19.1 | 3 | 4.8 | 62,744 |
| 21. Quay County | 2 | 21.8 | 0 | 0.0 | 9,155 |
| 22. Rio Arriba County | 19 | 46.4 | 0 | 0.0 | 40,949 |
| 23. Roosevelt County | 1 | 5.5 | 0 | 0.0 | 18,291 |
| 24. San Juan County | 8 | 6.3 | 5 | 4.0 | 126,473 |
| 25. San Miguel County | 2 | 6.8 | 3 | 10.2 | 29,325 |
| 26. Sandoval County | 9 | 7.9 | 3 | 2.6 | 113,772 |
| 27. Santa Fe County | 23 | 16.2 | 2 | 1.4 | 142,407 |
| 28. Sierra County | 0 | 0.0 | 0 | 0.0 | 12,669 |
| 29. Socorro County | 3 | 16.4 | 1 | 5.5 | 18,240 |
| 30. Taos County | 6 | 18.8 | 1 | 3.1 | 31,832 |
| 31. Torrance County | 3 | 17.1 | 4 | 22.8 | 17,551 |
| 32. Union County | 2 | 52.6 | 0 | 0.0 | 3,801 |
| 33. Valencia County | 18 | 25.6 | 2 | 2.8 | 70,389 |



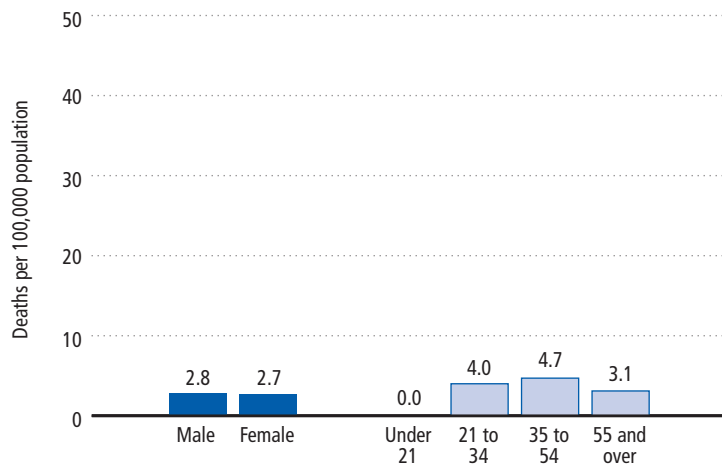
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

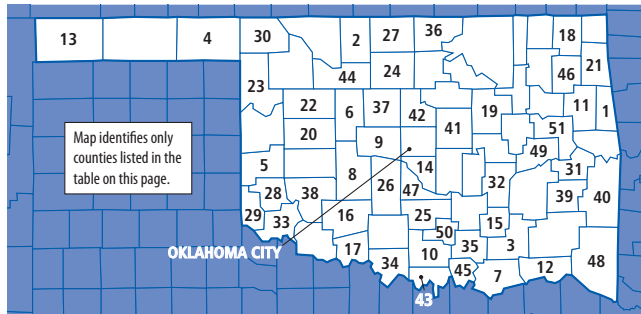
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 67 | Health care facility | 9 |
| Home | 192 | Home | 36 |
| Public place | 33 | Public place | 4 |
| Other | 84 | Other | 5 |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 313 | 376 | 97 | 45 | 54 | 9 |
| Alcohol* | 107 | 117 | 0 | 16 | 19 | 0 |
| Cocaine | 117 | 129 | 29 | 4 | 6 | 0 |
| Marijuana | 11 | 10 | 0 | 0 | 0 | 0 |
| Stimulants | 35 | 37 | 10 | -- | 0 | 0 |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | 0 |
| Hallucinogens†† | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | -- | -- | -- | -- | 0 | 0 |
| Antidepressants | 39 | 46 | -- | 15 | 26 | -- |
| Antipsychotics | 6 | 13 | -- | 4 | 6 | 0 |
| Benzodiazepines | 56 | 88 | -- | 11 | 24 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 9 | 10 | 0 | 7 | 6 | 0 |
| Opiates/opioids | 230 | 267 | 49 | 21 | 24 | -- |
| Heroin (specified) | 100 | 89 | 19 | -- | -- | 0 |
| Methadone | 38 | 60 | 9 | -- | -- | 0 |
| All other opiates/opioids | 107 | 139 | 21 | 18 | 19 | -- |
| Nonsteroidal anti-inflammatory agents | -- | -- | 0 | 0 | 0 | 0 |
| Salicylates/combinations | 0 | -- | 0 | -- | -- | 0 |
| Misc. analgesics/combinations | 7 | 8 | 0 | 4 | 4 | 0 |
| Anticonvulsants | 10 | 20 | 0 | -- | -- | 0 |
| Muscle relaxants | 14 | 18 | 0 | 7 | -- | 0 |

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

Oklahoma



Deaths reported to DAWN

Drug-related 300

Drug-related suicide 44

State population, 2006

3,579,212

Population covered by DAWN

3,579,212

Percent of population covered by DAWN

100%

State overview: Deaths and population by county, 2006

| Counties | Drug-related | | Drug-related suicide | | Population |
|---------------------------------|--------------|------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (77) | 300 | 8.4 | 44 | 1.2 | 3,579,212 |
| 1. Adair County | 0 | 0.0 | 0 | 0.0 | 22,317 |
| 2. Alfalfa County | 0 | 0.0 | 0 | 0.0 | 5,673 |
| 3. Atoka County | 1 | 7.0 | 0 | 0.0 | 14,340 |
| 4. Beaver County | 0 | 0.0 | 0 | 0.0 | 5,336 |
| 5. Beckham County | 2 | 10.4 | 0 | 0.0 | 19,271 |
| 6. Blaine County | 0 | 0.0 | 0 | 0.0 | 12,734 |
| 7. Bryan County | 1 | 2.6 | 1 | 2.6 | 38,395 |
| 8. Caddo County | 1 | 3.3 | 0 | 0.0 | 30,063 |
| 9. Canadian County | 1 | 1.0 | 1 | 1.0 | 101,335 |
| 10. Carter County | 3 | 6.3 | 0 | 0.0 | 47,503 |
| 11. Cherokee County | 3 | 6.7 | 0 | 0.0 | 44,910 |
| 12. Choctaw County | 0 | 0.0 | 0 | 0.0 | 15,334 |
| 13. Cimarron County | 0 | 0.0 | 0 | 0.0 | 2,807 |
| 14. Cleveland County | 10 | 4.4 | 4 | 1.7 | 228,594 |
| 15. Coal County | 0 | 0.0 | 0 | 0.0 | 5,634 |
| 16. Comanche County | 5 | 4.6 | 1 | 0.9 | 109,181 |
| 17. Cotton County | 0 | 0.0 | 0 | 0.0 | 6,491 |
| 18. Craig County | 1 | 6.6 | 0 | 0.0 | 15,046 |
| 19. Creek County | 10 | 14.5 | 0 | 0.0 | 69,146 |
| 20. Custer County | 1 | 3.9 | 1 | 3.9 | 25,566 |
| 21. Delaware County | 6 | 15.0 | 0 | 0.0 | 40,061 |
| 22. Dewey County | 0 | 0.0 | 0 | 0.0 | 4,475 |
| 23. Ellis County | 0 | 0.0 | 0 | 0.0 | 3,912 |
| 24. Garfield County | 3 | 5.3 | 1 | 1.8 | 57,068 |
| 25. Garvin County | 1 | 3.7 | 1 | 3.7 | 27,375 |

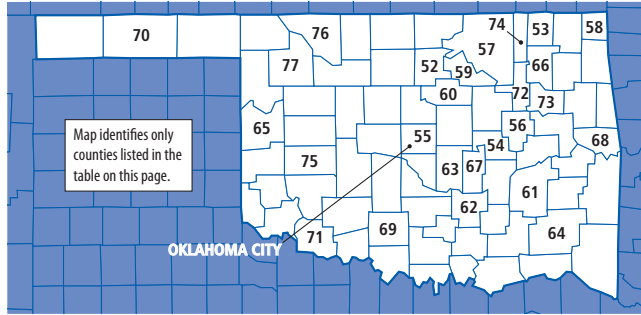
(continued)

| Counties | Drug-related | | Drug-related suicide | | Population |
|-----------------------|--------------|------|----------------------|------|------------|
| | Deaths | Rate | Deaths | Rate | |
| 26. Grady County | 2 | 4.0 | 0 | 0.0 | 50,490 |
| 27. Grant County | 0 | 0.0 | 0 | 0.0 | 4,653 |
| 28. Greer County | 2 | 34.1 | 0 | 0.0 | 5,864 |
| 29. Harmon County | 0 | 0.0 | 0 | 0.0 | 3,042 |
| 30. Harper County | 0 | 0.0 | 0 | 0.0 | 3,348 |
| 31. Haskell County | 1 | 8.2 | 0 | 0.0 | 12,155 |
| 32. Hughes County | 0 | 0.0 | 0 | 0.0 | 13,893 |
| 33. Jackson County | 0 | 0.0 | 0 | 0.0 | 26,042 |
| 34. Jefferson County | 1 | 15.7 | 0 | 0.0 | 6,385 |
| 35. Johnston County | 0 | 0.0 | 0 | 0.0 | 10,436 |
| 36. Kay County | 1 | 2.2 | 0 | 0.0 | 45,889 |
| 37. Kingfisher County | 0 | 0.0 | 0 | 0.0 | 14,316 |
| 38. Kiowa County | 2 | 20.5 | 0 | 0.0 | 9,778 |
| 39. Latimer County | 0 | 0.0 | 2 | 18.9 | 10,562 |
| 40. Le Flore County | 3 | 6.0 | 0 | 0.0 | 50,079 |
| 41. Lincoln County | 5 | 15.3 | 0 | 0.0 | 32,645 |
| 42. Logan County | 1 | 2.7 | 0 | 0.0 | 36,971 |
| 43. Love County | 1 | 10.9 | 0 | 0.0 | 9,162 |
| 44. Major County | 1 | 13.6 | 0 | 0.0 | 7,329 |
| 45. Marshall County | 0 | 0.0 | 0 | 0.0 | 14,558 |
| 46. Mayes County | 1 | 2.5 | 0 | 0.0 | 39,774 |
| 47. McClain County | 1 | 3.2 | 0 | 0.0 | 31,038 |
| 48. McCurtain County | 3 | 8.8 | 0 | 0.0 | 34,018 |
| 49. McIntosh County | 0 | 0.0 | 0 | 0.0 | 19,899 |
| 50. Murray County | 0 | 0.0 | 2 | 15.4 | 12,945 |
| 51. Muskogee County | 5 | 7.0 | 1 | 1.4 | 71,018 |

(continued)

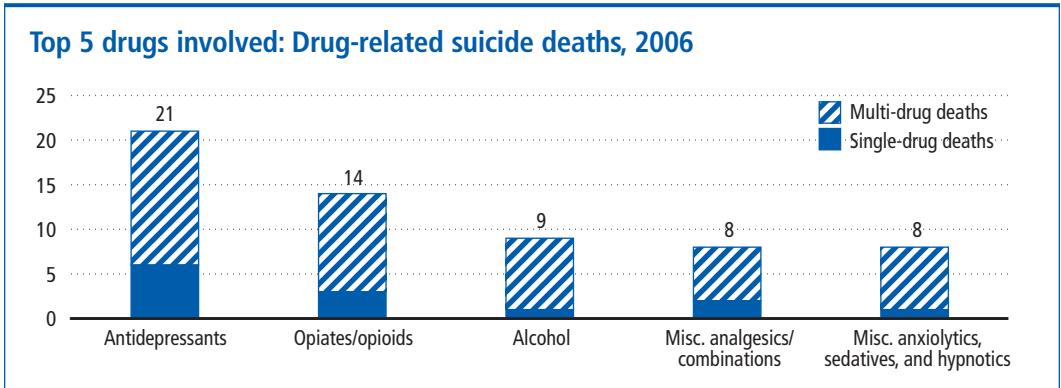
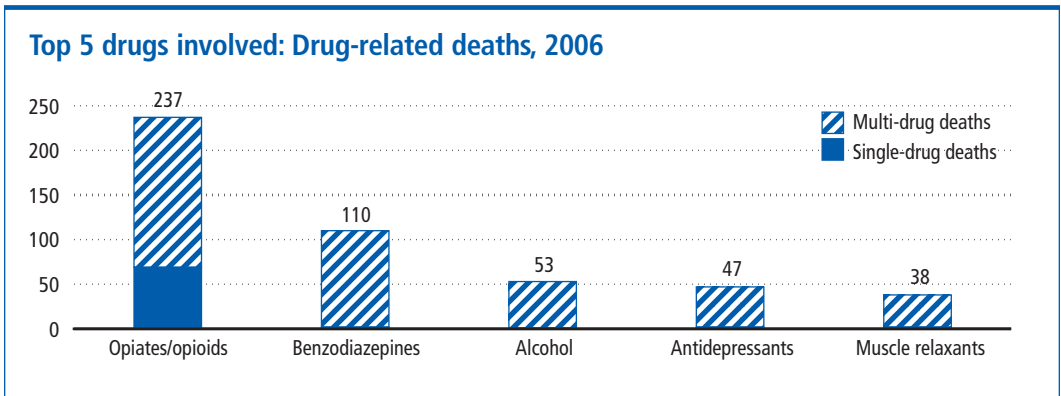
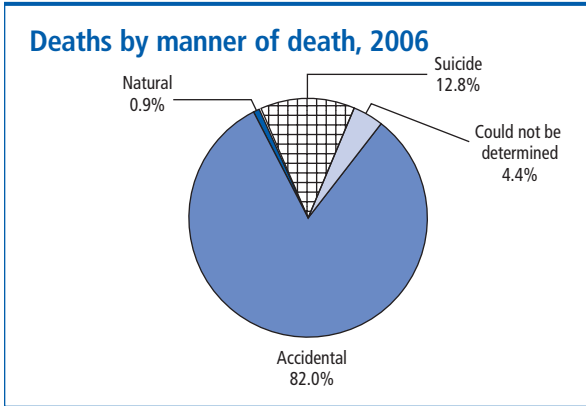
NOTES: 1. Drug-related deaths exclude suicides.
2. All death rates are per 100,000 population.
3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies,
SAMHSA, Drug Abuse Warning
Network, 2006 (08/2008 update).



State overview: Deaths and population by county, 2006 (continued)

| Counties | Drug-related | | Drug-related suicide | | Population |
|-------------------------|--------------|------|----------------------|------|------------|
| | Deaths | Rate | Deaths | Rate | |
| 52. Noble County | 2 | 17.9 | 0 | 0.0 | 11,152 |
| 53. Nowata County | 0 | 0.0 | 0 | 0.0 | 10,785 |
| 54. Okfuskee County | 0 | 0.0 | 0 | 0.0 | 11,370 |
| 55. Oklahoma County | 66 | 9.5 | 11 | 1.6 | 691,266 |
| 56. Okmulgee County | 5 | 12.6 | 2 | 5.0 | 39,670 |
| 57. Osage County | 4 | 8.8 | 0 | 0.0 | 45,549 |
| 58. Ottawa County | 0 | 0.0 | 0 | 0.0 | 33,026 |
| 59. Pawnee County | 1 | 5.9 | 0 | 0.0 | 16,844 |
| 60. Payne County | 2 | 2.7 | 0 | 0.0 | 73,818 |
| 61. Pittsburg County | 4 | 8.9 | 0 | 0.0 | 45,002 |
| 62. Pontotoc County | 5 | 14.1 | 0 | 0.0 | 35,350 |
| 63. Pottawatomie County | 8 | 11.7 | 0 | 0.0 | 68,638 |
| 64. Pushmataha County | 1 | 8.6 | 0 | 0.0 | 11,641 |
| 65. Roger Mills County | 0 | 0.0 | 0 | 0.0 | 3,293 |
| 66. Rogers County | 3 | 3.6 | 1 | 1.2 | 82,435 |
| 67. Seminole County | 2 | 8.1 | 1 | 4.1 | 24,650 |
| 68. Sequoyah County | 5 | 12.1 | 1 | 2.4 | 41,356 |
| 69. Stephens County | 5 | 11.6 | 0 | 0.0 | 43,243 |
| 70. Texas County | 4 | 19.8 | 0 | 0.0 | 20,238 |
| 71. Tillman County | 2 | 23.6 | 0 | 0.0 | 8,482 |
| 72. Tulsa County | 92 | 15.9 | 10 | 1.7 | 577,795 |
| 73. Wagoner County | 5 | 7.5 | 0 | 0.0 | 66,313 |
| 74. Washington County | 3 | 6.1 | 3 | 6.1 | 49,241 |
| 75. Washita County | 1 | 8.6 | 0 | 0.0 | 11,583 |
| 76. Woods County | 0 | 0.0 | 0 | 0.0 | 8,385 |
| 77. Woodward County | 1 | 5.2 | 0 | 0.0 | 19,231 |



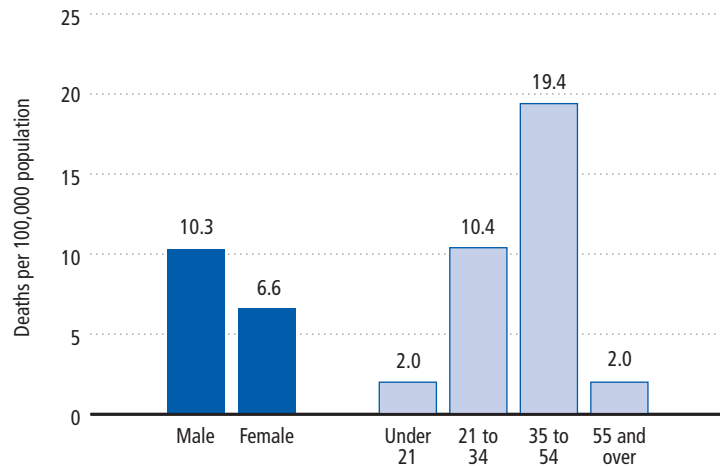
Oklahoma

NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

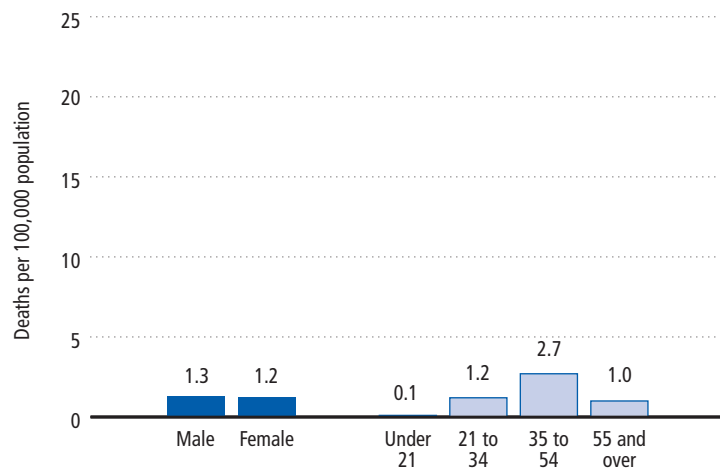
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Oklahoma

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 64 | Health care facility | 11 |
| Home | 190 | Home | 27 |
| Public place | 16 | Public place | 4 |
| Other | 27 | Other | -- |
| Not documented | -- | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 254 | 300 | 103 | 44 | 44 | 19 |
| Alcohol* | 54 | 53 | -- | 12 | 9 | -- |
| Cocaine | 26 | 33 | 14 | -- | 0 | 0 |
| Marijuana | 0 | 0 | 0 | 0 | 0 | 0 |
| Stimulants | 44 | 26 | 7 | 5 | 0 | 0 |
| Club drugs† | -- | 0 | 0 | 0 | 0 | 0 |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | 7 | 0 | 0 | 0 | 0 | 0 |
| Antidepressants | 44 | 47 | -- | 18 | 21 | 6 |
| Antipsychotics | 14 | 10 | -- | 4 | -- | -- |
| Benzodiazepines | 85 | 110 | -- | 13 | 8 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 20 | 25 | 0 | 5 | 8 | -- |
| Opiates/opioids | 171 | 237 | 69 | 18 | 14 | -- |
| Heroin (specified) | -- | -- | 0 | 0 | 0 | 0 |
| Methadone | 66 | 95 | 36 | -- | -- | -- |
| All other opiates/opioids | 114 | 160 | 33 | 16 | 12 | -- |
| Nonsteroidal anti-inflammatory agents | -- | -- | 0 | 0 | 0 | 0 |
| Salicylates/combinations | -- | -- | -- | -- | -- | 0 |
| Misc. analgesics/combinations | 30 | 24 | -- | 11 | 8 | -- |
| Anticonvulsants | 9 | 11 | 0 | -- | -- | -- |
| Muscle relaxants | 34 | 38 | -- | 10 | -- | 0 |

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

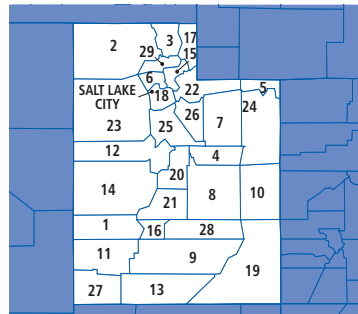
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

** Includes PCP, LSD, and miscellaneous hallucinogens.

NOTES: 1. Drug-related deaths exclude suicides.
2. All death rates are per 100,000 population.
3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Utah



Deaths reported to DAWN
 Drug-related 406
 Drug-related suicide 61

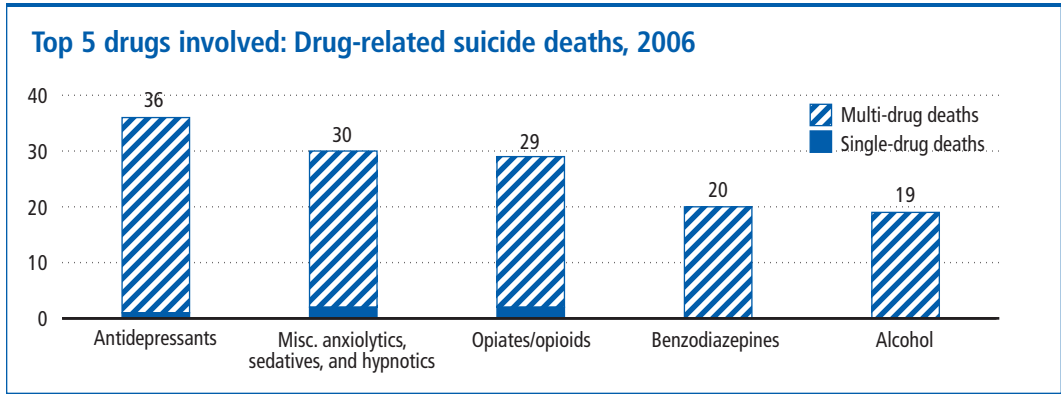
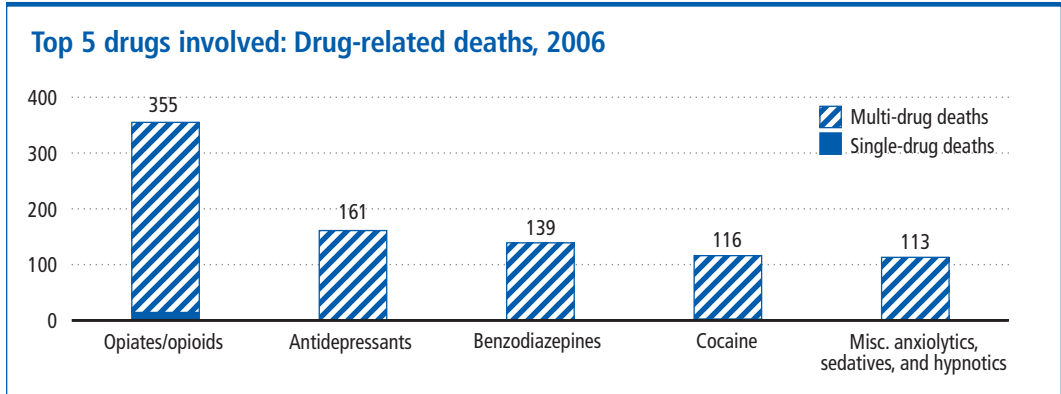
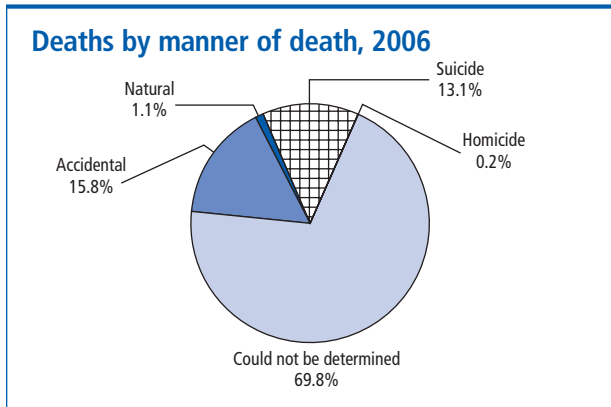
State population, 2006
 2,550,063

Population covered by DAWN
 2,550,063

Percent of population covered by DAWN
 100%

State overview: Deaths and population by county, 2006

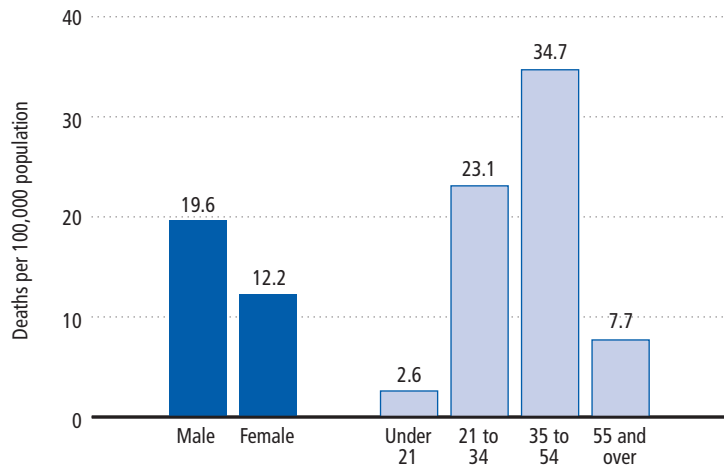
| Counties | Drug-related | | Drug-related suicide | | Population |
|---------------------------------|--------------|-------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (29) | 406 | 15.9 | 61 | 2.4 | 2,550,063 |
| 1. Beaver County | 1 | 15.9 | 0 | 0.0 | 6,294 |
| 2. Box Elder County | 3 | 6.4 | 1 | 2.1 | 47,197 |
| 3. Cache County | 6 | 6.1 | 0 | 0.0 | 98,662 |
| 4. Carbon County | 4 | 20.5 | 1 | 5.1 | 19,469 |
| 5. Daggett County | 0 | 0.0 | 0 | 0.0 | 947 |
| 6. Davis County | 30 | 10.9 | 3 | 1.1 | 276,259 |
| 7. Duchesne County | 4 | 25.5 | 0 | 0.0 | 15,701 |
| 8. Emery County | 3 | 28.0 | 0 | 0.0 | 10,698 |
| 9. Garfield County | 2 | 44.1 | 0 | 0.0 | 4,534 |
| 10. Grand County | 2 | 22.2 | 0 | 0.0 | 8,999 |
| 11. Iron County | 6 | 14.8 | 0 | 0.0 | 40,544 |
| 12. Juab County | 2 | 21.2 | 2 | 21.2 | 9,420 |
| 13. Kane County | 4 | 61.2 | 0 | 0.0 | 6,532 |
| 14. Millard County | 4 | 32.3 | 0 | 0.0 | 12,390 |
| 15. Morgan County | 1 | 12.3 | 0 | 0.0 | 8,134 |
| 16. Piute County | 0 | 0.0 | 0 | 0.0 | 1,347 |
| 17. Rich County | 0 | 0.0 | 0 | 0.0 | 2,040 |
| 18. Salt Lake County | 194 | 19.8 | 27 | 2.8 | 978,701 |
| 19. San Juan County | 0 | 0.0 | 0 | 0.0 | 14,265 |
| 20. Sanpete County | 3 | 12.4 | 1 | 4.1 | 24,196 |
| 21. Sevier County | 4 | 20.4 | 3 | 15.3 | 19,640 |
| 22. Summit County | 3 | 8.5 | 0 | 0.0 | 35,469 |
| 23. Tooele County | 9 | 16.8 | 1 | 1.9 | 53,552 |
| 24. Uintah County | 3 | 10.7 | 2 | 7.2 | 27,955 |
| 25. Utah County | 74 | 15.9 | 9 | 1.9 | 464,760 |
| 26. Wasatch County | 7 | 34.6 | 2 | 9.9 | 20,255 |
| 27. Washington County | 12 | 9.5 | 2 | 1.6 | 126,312 |
| 28. Wayne County | 0 | 0.0 | 0 | 0.0 | 2,544 |
| 29. Weber County | 25 | 11.7 | 7 | 3.3 | 213,247 |



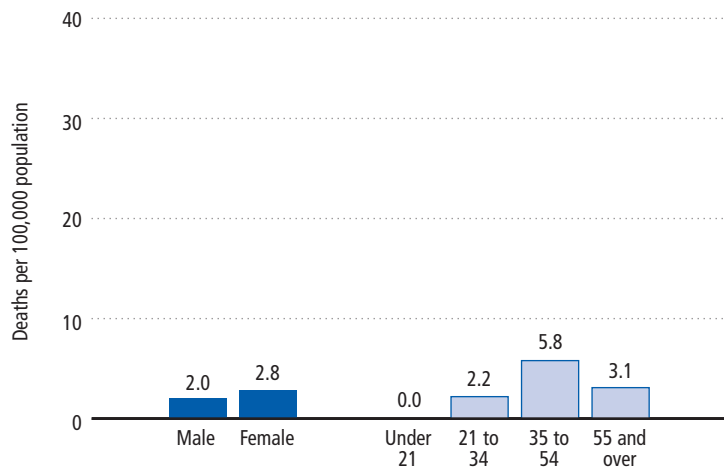
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

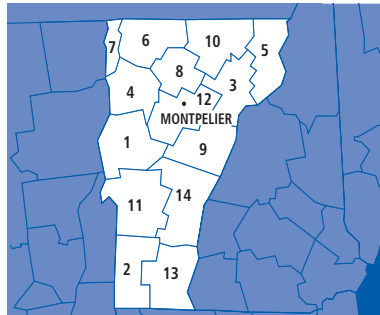
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 101 | Health care facility | 15 |
| Home | 257 | Home | 38 |
| Public place | 21 | Public place | 7 |
| Other | 27 | Other | - |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 389 | 406 | 17 | 47 | 61 | 5 |
| Alcohol* | 57 | 68 | 0 | 11 | 19 | 0 |
| Cocaine | 94 | 116 | -- | -- | -- | 0 |
| Marijuana | 49 | 73 | 0 | -- | -- | 0 |
| Stimulants | 55 | 62 | 0 | 7 | 6 | 0 |
| Club drugs† | -- | -- | 0 | 0 | 0 | 0 |
| Hallucinogens†† | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | -- | 5 | -- | 0 | 0 | 0 |
| Antidepressants | 183 | 161 | 0 | 31 | 36 | -- |
| Antipsychotics | 35 | 19 | 0 | 6 | 8 | 0 |
| Benzodiazepines | 142 | 139 | 0 | 18 | 20 | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | 123 | 113 | 0 | 17 | 30 | -- |
| Opiates/opioids | 351 | 355 | 14 | 24 | 29 | -- |
| Heroin (specified) | 17 | 25 | 0 | -- | 0 | 0 |
| Methadone | 118 | 122 | 5 | 4 | 5 | 0 |
| All other opiates/opioids | 280 | 270 | 9 | 20 | 26 | -- |
| Nonsteroidal anti-inflammatory agents | -- | -- | 0 | -- | -- | 0 |
| Salicylates/combinations | 0 | 0 | 0 | -- | -- | 0 |
| Misc. analgesics/combinations | 54 | 35 | 0 | 18 | 13 | 0 |
| Anticonvulsants | 43 | 19 | 0 | 6 | 9 | 0 |
| Muscle relaxants | 64 | 58 | 0 | 4 | 8 | 0 |

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

Vermont



Deaths reported to DAWN
 Drug-related 72
 Drug-related suicide 19

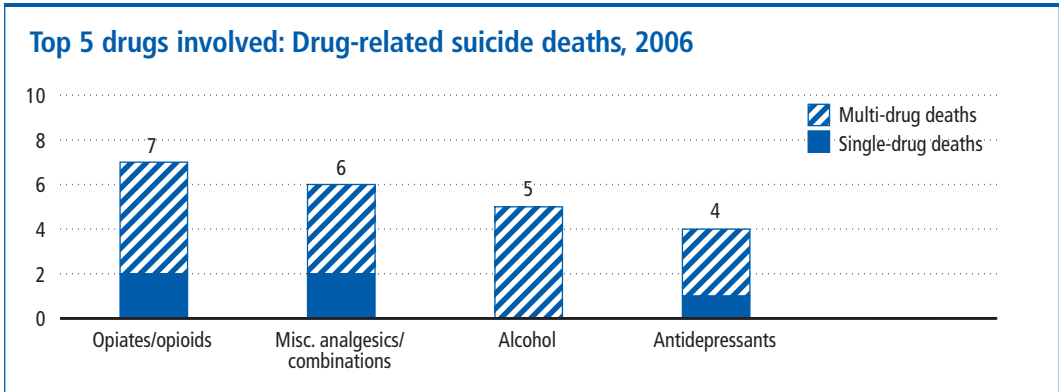
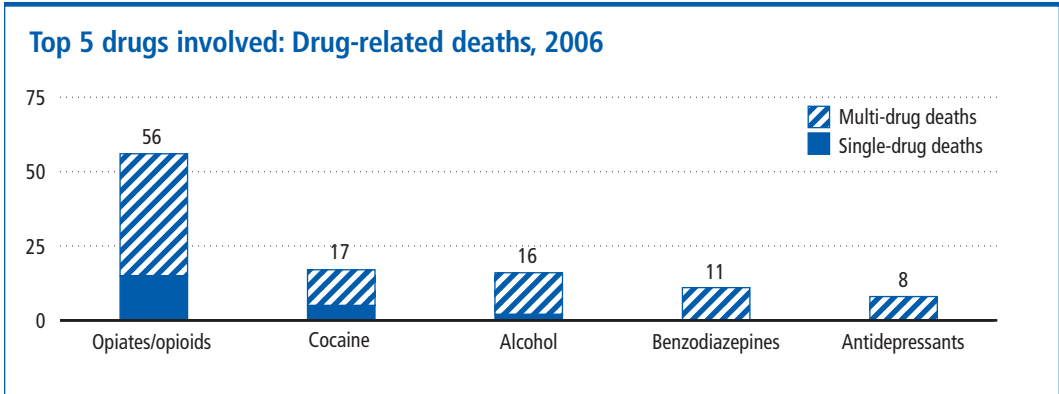
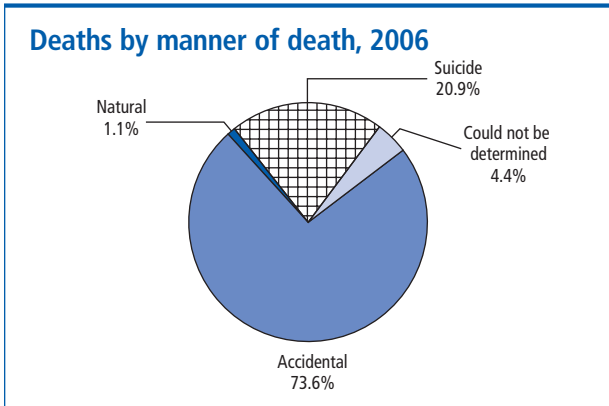
State population, 2006
 623,908

Population covered by DAWN
 623,908

Percent of population covered by DAWN
 100%

State overview: Deaths and population by county, 2006

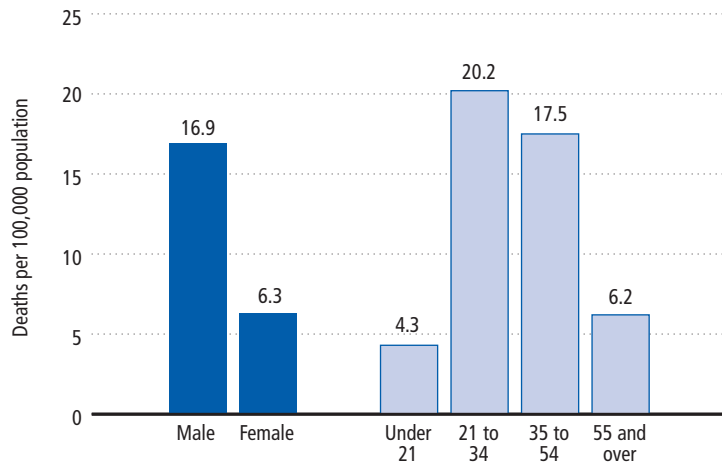
| Counties | Drug-related | | Drug-related suicide | | Population |
|---------------------------------|--------------|-------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (14) | 72 | 11.5 | 19 | 3.0 | 623,908 |
| 1. Addison County | 1 | 2.7 | 0 | 0.0 | 37,057 |
| 2. Bennington County | 0 | 0.0 | 0 | 0.0 | 36,929 |
| 3. Caledonia County | 2 | 6.5 | 0 | 0.0 | 30,842 |
| 4. Chittenden County | 28 | 18.7 | 5 | 3.3 | 150,069 |
| 5. Essex County | 0 | 0.0 | 0 | 0.0 | 6,567 |
| 6. Franklin County | 4 | 8.3 | 2 | 4.2 | 48,187 |
| 7. Grand Isle County | 0 | 0.0 | 0 | 0.0 | 7,751 |
| 8. Lamoille County | 3 | 12.2 | 0 | 0.0 | 24,592 |
| 9. Orange County | 3 | 10.2 | 0 | 0.0 | 29,440 |
| 10. Orleans County | 4 | 14.4 | 1 | 3.6 | 27,718 |
| 11. Rutland County | 8 | 12.6 | 7 | 11.0 | 63,641 |
| 12. Washington County | 9 | 15.1 | 3 | 5.0 | 59,564 |
| 13. Windham County | 2 | 4.6 | 0 | 0.0 | 43,898 |
| 14. Windsor County | 8 | 13.9 | 1 | 1.7 | 57,653 |



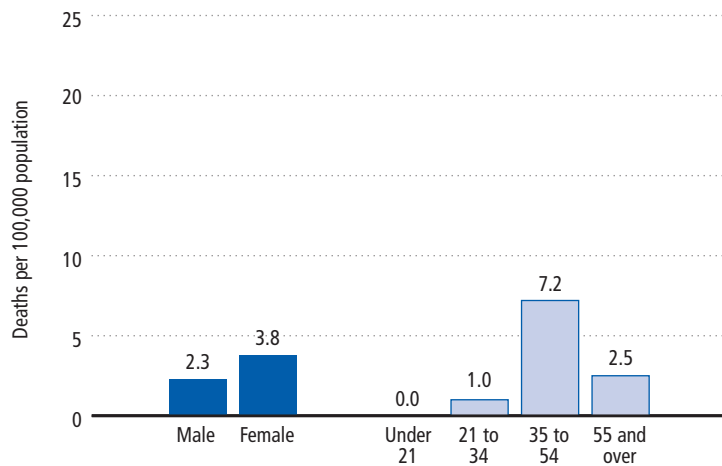
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 26 | Health care facility | 6 |
| Home | 38 | Home | 9 |
| Public place | 0 | Public place | 0 |
| Other | 8 | Other | 4 |
| Not documented | 0 | Not documented | 0 |

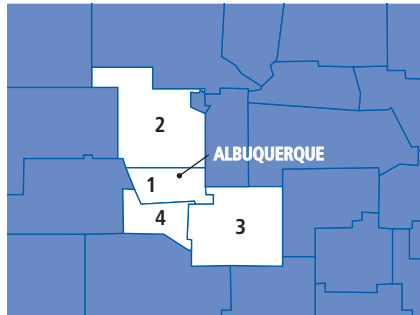
Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 72 | 72 | 28 | 14 | 19 | 7 |
| Alcohol* | 16 | 16 | -- | 4 | 5 | 0 |
| Cocaine | 13 | 17 | 5 | 0 | -- | 0 |
| Marijuana | -- | 0 | 0 | 0 | 0 | 0 |
| Stimulants | -- | 0 | 0 | 0 | 0 | 0 |
| Club drugs† | 0 | -- | 0 | 0 | 0 | 0 |
| Hallucinogens†† | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | -- | 0 | 0 | 0 | -- | -- |
| Antidepressants | 13 | 8 | 0 | 5 | 4 | -- |
| Antipsychotics | -- | -- | 0 | -- | -- | 0 |
| Benzodiazepines | 7 | 11 | 0 | 4 | -- | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | -- | 6 | 0 | -- | -- | 0 |
| Opiates/opioids | 44 | 56 | 15 | 4 | 7 | -- |
| Heroin (specified) | -- | -- | -- | 0 | 0 | 0 |
| Methadone | 17 | 28 | 10 | 0 | -- | 0 |
| All other opiates/opioids | 28 | 31 | 4 | 4 | 7 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | -- | 0 | 0 |
| Salicylates/combinations | -- | 0 | 0 | -- | -- | -- |
| Misc. analgesics/combinations | -- | 0 | 0 | -- | 6 | -- |
| Anticonvulsants | -- | -- | 0 | -- | 0 | 0 |
| Muscle relaxants | 5 | 4 | 0 | 0 | -- | 0 |

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

METROPOLITAN AREA PROFILES

Albuquerque, NM



Deaths reported to DAWN
 Drug-related 212
 Drug-related suicide 30

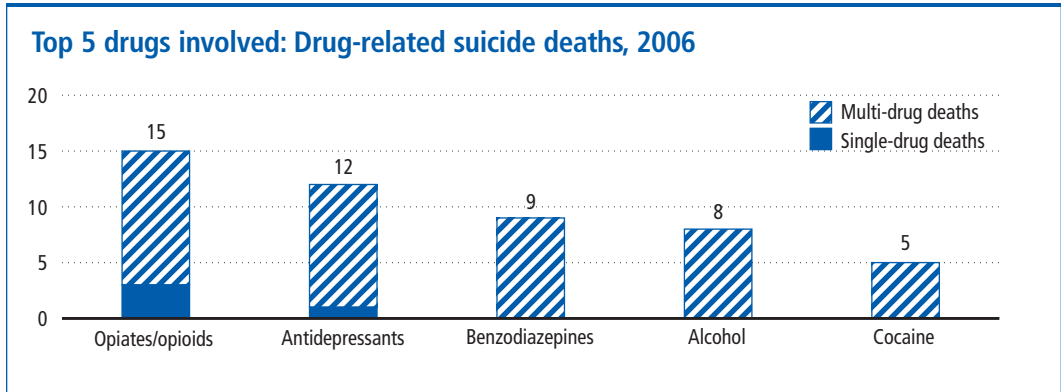
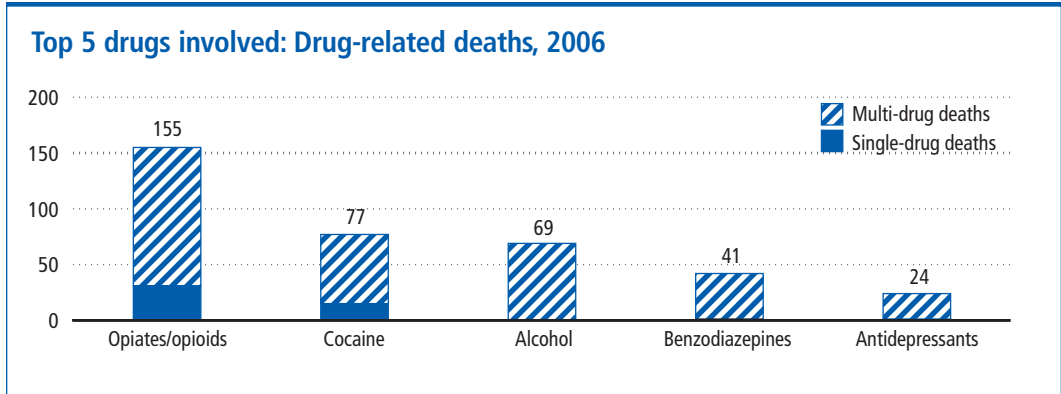
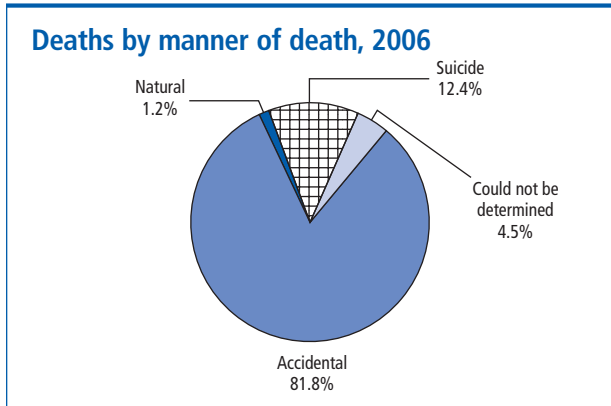
Metro area population, 2006
 816,811

Population covered by DAWN
 816,811

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2006

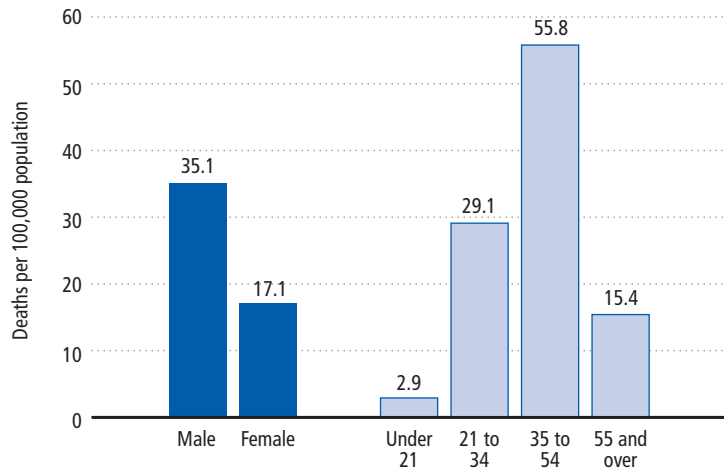
| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (4) | 212 | 26.0 | 30 | 3.7 | 816,811 |
| 1. Bernalillo County, NM | 182 | 29.6 | 21 | 3.4 | 615,099 |
| 2. Sandoval County, NM | 9 | 7.9 | 3 | 2.6 | 113,772 |
| 3. Torrance County, NM | 3 | 17.1 | 4 | 22.8 | 17,551 |
| 4. Valencia County, NM | 18 | 25.6 | 2 | 2.8 | 70,389 |



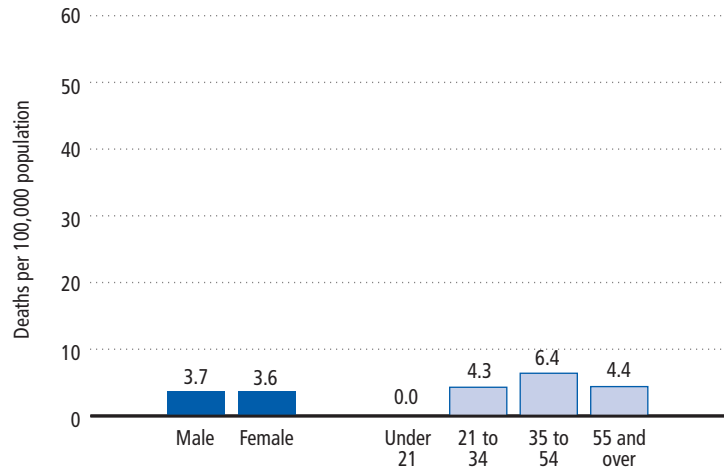
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

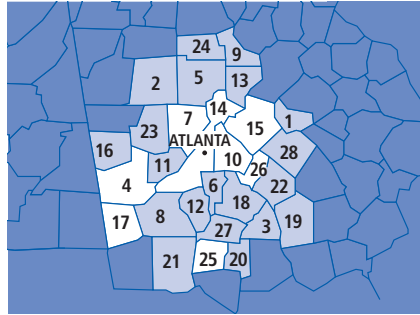
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 25 | Health care facility | -- |
| Home | 105 | Home | 20 |
| Public place | 20 | Public place | -- |
| Other | 62 | Other | 4 |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 167 | 212 | 56 | 20 | 30 | 5 |
| Alcohol* | 60 | 69 | 0 | 8 | 8 | 0 |
| Cocaine | 70 | 77 | 15 | -- | 5 | 0 |
| Marijuana | 5 | 5 | 0 | 0 | 0 | 0 |
| Stimulants | 15 | 18 | 5 | -- | 0 | 0 |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | 0 |
| Hallucinogens†† | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | -- | -- | 0 | 0 | 0 | 0 |
| Antidepressants | 21 | 24 | -- | 5 | 12 | -- |
| Antipsychotics | 4 | 7 | 0 | -- | 4 | 0 |
| Benzodiazepines | 27 | 41 | -- | 4 | 9 | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | 5 | 6 | 0 | -- | -- | 0 |
| Opiates/opioids | 125 | 155 | 31 | 11 | 15 | -- |
| Heroin (specified) | 61 | 59 | 15 | -- | -- | 0 |
| Methadone | 23 | 32 | 4 | -- | -- | 0 |
| All other opiates/opioids | 52 | 74 | 12 | 9 | 11 | -- |
| Nonsteroidal anti-inflammatory agents | -- | 0 | 0 | 0 | 0 | 0 |
| Salicylates/combinations | 0 | -- | 0 | -- | 0 | 0 |
| Misc. analgesics/combinations | -- | -- | 0 | 0 | -- | 0 |
| Anticonvulsants | 4 | 13 | 0 | -- | -- | 0 |
| Muscle relaxants | 6 | 6 | 0 | -- | -- | 0 |

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

Atlanta-Sandy Springs-Marietta, GA

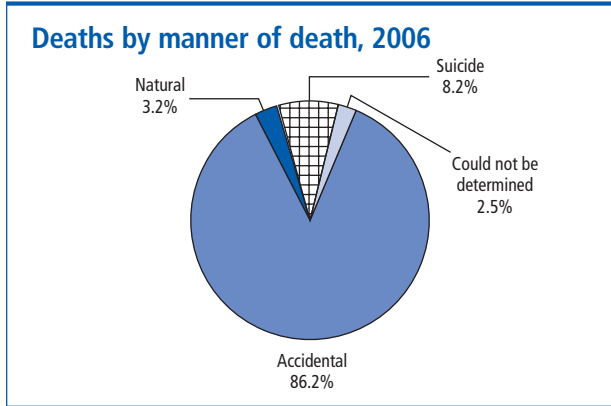


Deaths reported to DAWN
 Drug-related 259
 Drug-related suicide 23

Metro area population, 2006
 5,138,223

Population covered by DAWN
 3,335,970

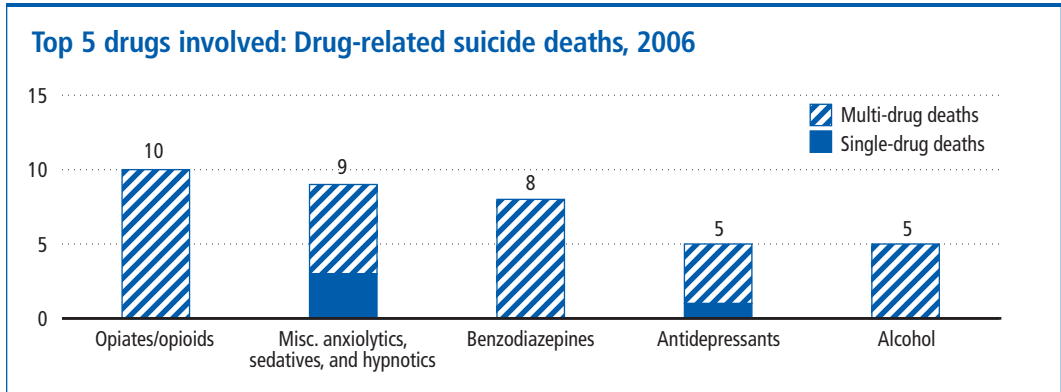
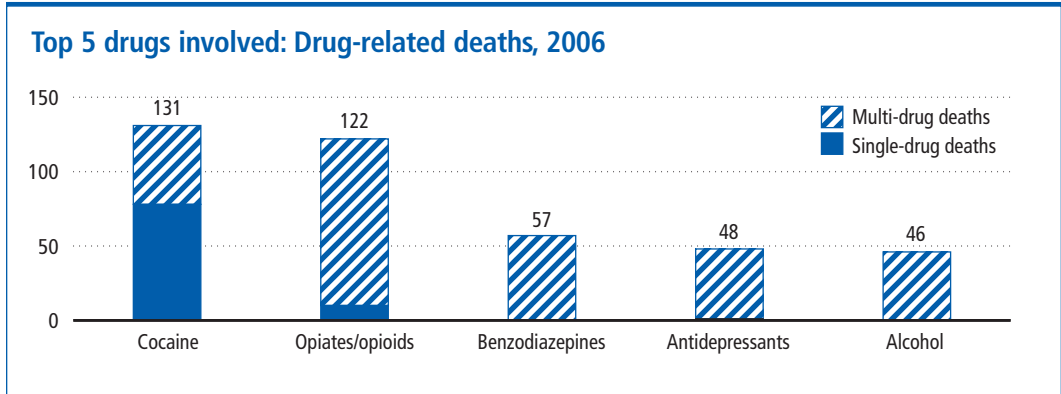
Percent of population covered by DAWN
 65%



Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (8) | 259 | 7.8 | 23 | 0.7 | 3,335,970 |
| 1. Barrow County, GA | | | | | 63,702 |
| 2. Bartow County, GA | | | | | 91,266 |
| 3. Butts County, GA | | | | | 23,561 |
| 4. Carroll County, GA | 16 | 14.9 | 2 | 1.9 | 107,325 |
| 5. Cherokee County, GA | | | | | 195,327 |
| 6. Clayton County, GA | | | | | 271,240 |
| 7. Cobb County, GA | 49 | 7.2 | 0 | 0.0 | 679,325 |
| 8. Coweta County, GA | | | | | 115,291 |
| 9. Dawson County, GA | | | | | 20,643 |
| 10. DeKalb County, GA | 30 | 4.1 | 2 | 0.3 | 723,602 |
| 11. Douglas County, GA | | | | | 119,557 |
| 12. Fayette County, GA | | | | | 106,671 |
| 13. Forsyth County, GA | | | | | 150,968 |
| 14. Fulton County, GA | 112 | 11.7 | 9 | 0.9 | 960,009 |
| 15. Gwinnett County, GA | 40 | 5.3 | 9 | 1.2 | 757,104 |
| 16. Haralson County, GA | | | | | 28,616 |
| 17. Heard County, GA | 3 | 26.2 | 0 | 0.0 | 11,472 |
| 18. Henry County, GA | | | | | 178,033 |
| 19. Jasper County, GA | | | | | 13,624 |
| 20. Lamar County, GA | | | | | 16,679 |
| 21. Meriwether County, GA | | | | | 22,881 |
| 22. Newton County, GA | | | | | 91,451 |
| 23. Paulding County, GA | | | | | 121,530 |
| 24. Pickens County, GA | | | | | 29,640 |
| 25. Pike County, GA | 0 | 0.0 | 0 | 0.0 | 16,801 |
| 26. Rockdale County, GA | 9 | 11.2 | 1 | 1.2 | 80,332 |
| 27. Spalding County, GA | | | | | 62,185 |
| 28. Walton County, GA | | | | | 79,388 |

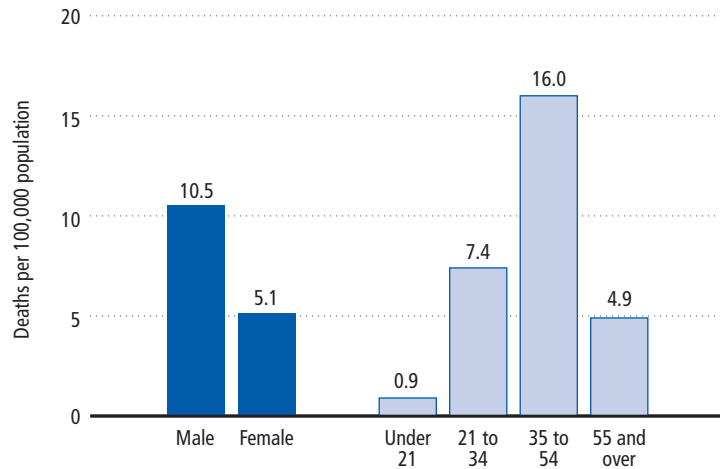
Shaded areas did not participate in DAWN this year.



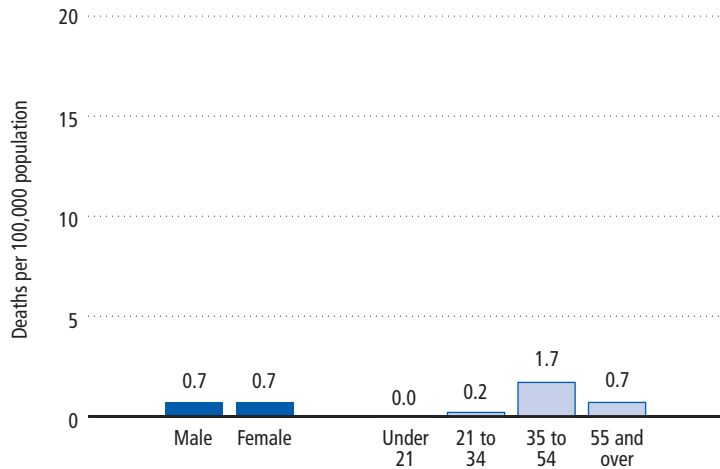
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

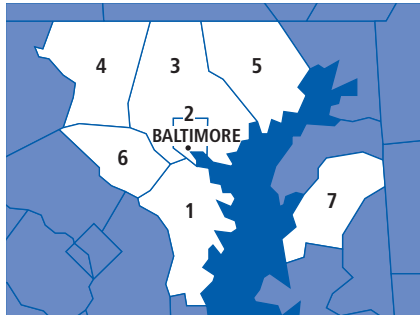
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 93 | Health care facility | -- |
| Home | 126 | Home | 17 |
| Public place | 13 | Public place | 4 |
| Other | 27 | Other | -- |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 200 | 259 | 100 | 18 | 23 | 6 |
| Alcohol* | 40 | 46 | 0 | 6 | 5 | 0 |
| Cocaine | 101 | 131 | 78 | -- | 4 | -- |
| Marijuana | -- | 0 | 0 | 0 | 0 | 0 |
| Stimulants | 22 | 19 | 5 | -- | -- | 0 |
| Club drugs† | -- | 8 | -- | 0 | 0 | 0 |
| Hallucinogens†† | 0 | -- | 0 | 0 | 0 | 0 |
| Inhalants | -- | -- | 0 | 0 | -- | 0 |
| Antidepressants | 26 | 48 | -- | 11 | 5 | -- |
| Antipsychotics | -- | 14 | 0 | -- | -- | 0 |
| Benzodiazepines | 50 | 57 | 0 | 9 | 8 | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | 11 | 25 | 0 | -- | 9 | -- |
| Opiates/opioids | 98 | 122 | 10 | 10 | 10 | 0 |
| Heroin (specified) | -- | 0 | 0 | 0 | 0 | 0 |
| Methadone | 33 | 32 | 4 | 0 | 0 | 0 |
| All other opiates/opioids | 77 | 98 | 6 | 10 | 10 | 0 |
| Nonsteroidal anti-inflammatory agents | -- | -- | 0 | 0 | 0 | 0 |
| Salicylates/combinations | 0 | 0 | 0 | 0 | 0 | 0 |
| Misc. analgesics/combinations | 5 | 6 | 0 | -- | 4 | 0 |
| Anticonvulsants | -- | -- | -- | 0 | -- | 0 |
| Muscle relaxants | 12 | 16 | 0 | 0 | -- | 0 |

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

Baltimore-Towson, MD

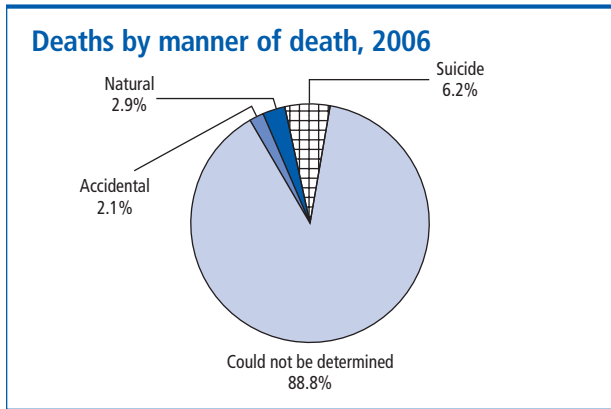


Deaths reported to DAWN
 Drug-related 526
 Drug-related suicide 35

Metro area population, 2006
 2,658,405

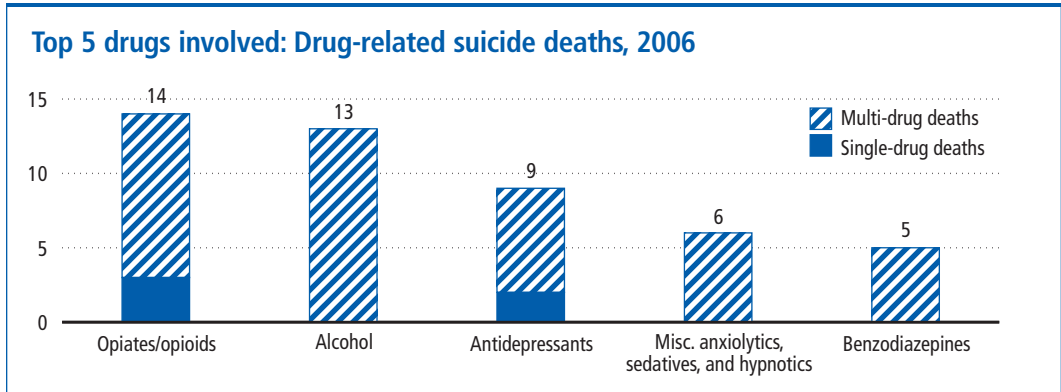
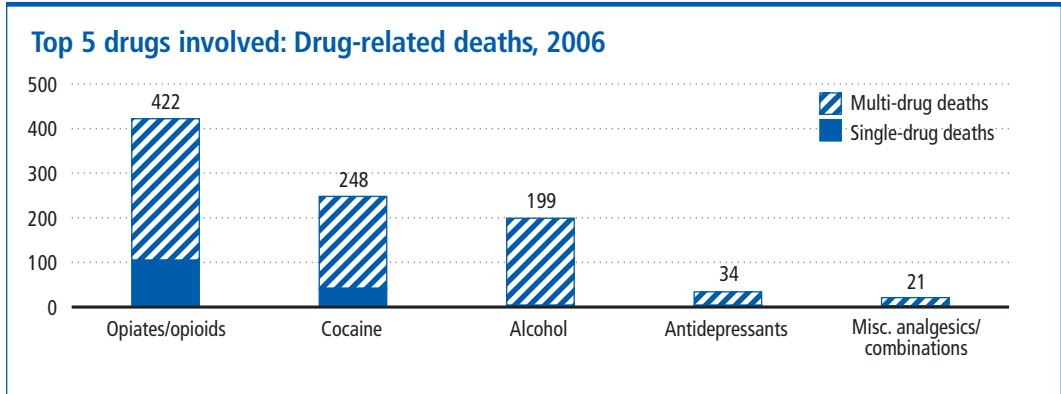
Population covered by DAWN
 2,658,405

Percent of population covered by DAWN
 100%



Metro area overview: Deaths and population by county, 2006

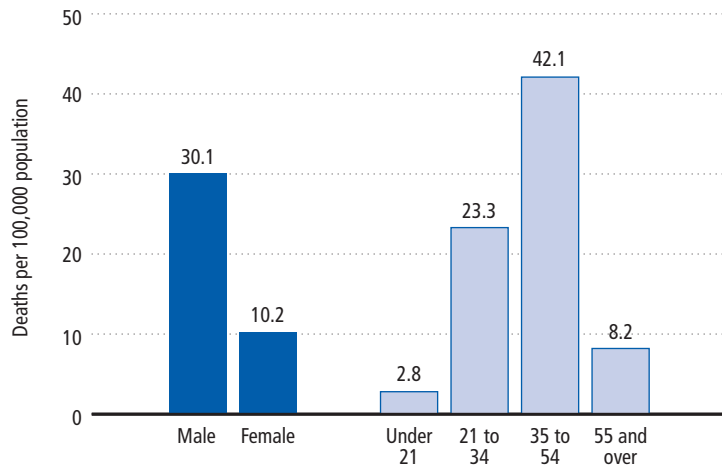
| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (7) | 526 | 19.8 | 35 | 1.3 | 2,658,405 |
| 1. Anne Arundel County, MD | 56 | 11.0 | 8 | 1.6 | 509,300 |
| 2. Baltimore City, MD | 303 | 48.0 | 9 | 1.4 | 631,366 |
| 3. Baltimore County, MD | 97 | 12.3 | 13 | 1.7 | 787,384 |
| 4. Carroll County, MD | 16 | 9.4 | 3 | 1.8 | 170,260 |
| 5. Harford County, MD | 36 | 14.9 | 1 | 0.4 | 241,402 |
| 6. Howard County, MD | 17 | 6.2 | 1 | 0.4 | 272,452 |
| 7. Queen Anne's County, MD | 1 | 2.2 | 0 | 0.0 | 46,241 |



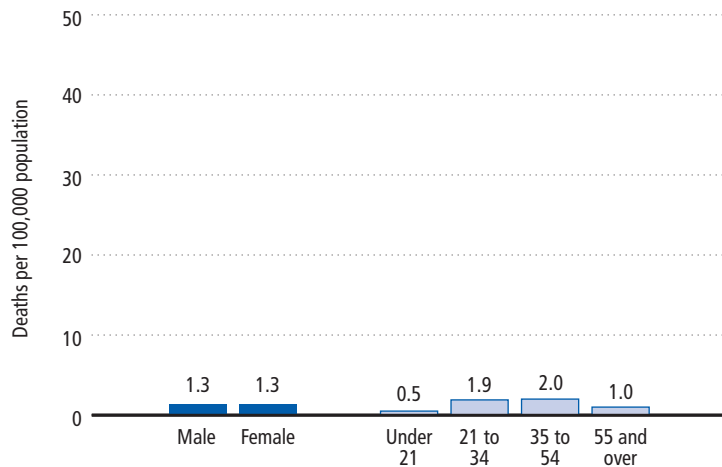
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 218 | Health care facility | 10 |
| Home | 201 | Home | 21 |
| Public place | 15 | Public place | -- |
| Other | 91 | Other | -- |
| Not documented | -- | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 477 | 526 | 167 | 23 | 35 | 11 |
| Alcohol* | 134 | 199 | 4 | 8 | 13 | 0 |
| Cocaine | 179 | 248 | 42 | -- | 5 | -- |
| Marijuana | 0 | -- | 0 | 0 | 0 | 0 |
| Stimulants | -- | -- | -- | 0 | 0 | 0 |
| Club drugs† | -- | -- | 0 | 0 | 0 | 0 |
| Hallucinogens†† | 5 | -- | 0 | 0 | 0 | 0 |
| Inhalants | 0 | -- | -- | 0 | 0 | 0 |
| Antidepressants | 45 | 34 | 4 | 4 | 9 | -- |
| Antipsychotics | 12 | 12 | -- | 4 | -- | 0 |
| Benzodiazepines | 13 | 11 | -- | -- | 5 | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | 29 | 17 | -- | 9 | 6 | 0 |
| Opiates/opioids | 399 | 422 | 105 | 9 | 14 | -- |
| Heroin (specified) | 11 | 12 | 0 | 0 | 0 | 0 |
| Methadone | 139 | 136 | 44 | -- | 0 | 0 |
| All other opiates/opioids | 297 | 329 | 61 | 9 | 14 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | 0 |
| Salicylates/combinations | 0 | -- | 0 | 0 | -- | 0 |
| Misc. analgesics/combinations | 29 | 21 | -- | 7 | 4 | -- |
| Anticonvulsants | -- | 5 | -- | -- | -- | 0 |
| Muscle relaxants | 9 | -- | 0 | -- | -- | 0 |

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

Barnstable Town, MA



Deaths reported to DAWN
 Drug-related 35
 Drug-related suicide 7

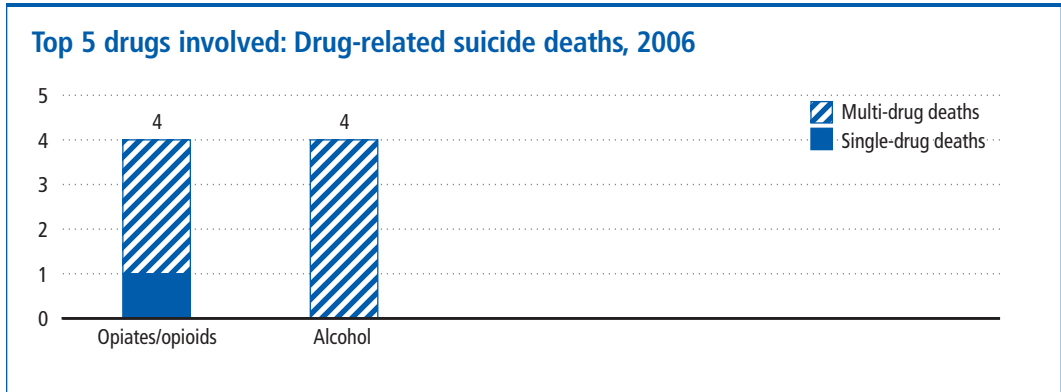
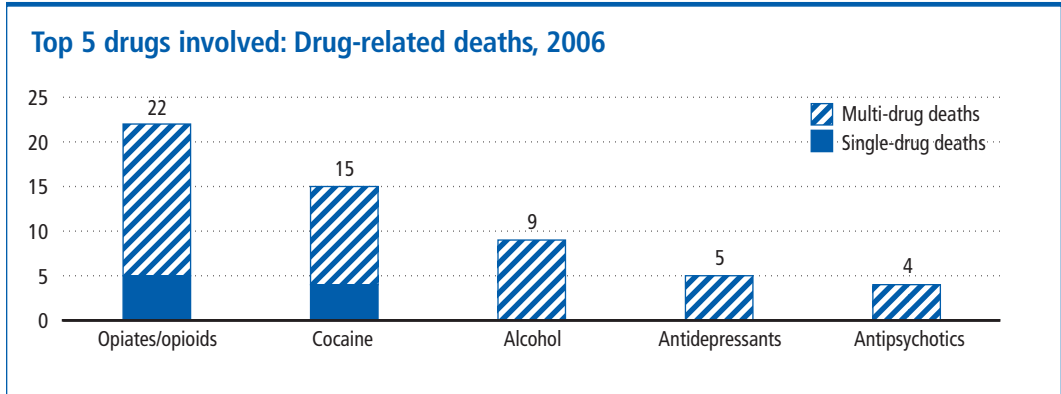
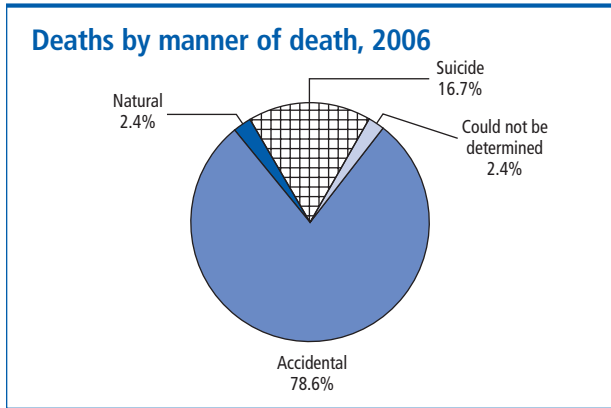
Metro area population, 2006
 224,816

Population covered by DAWN
 224,816

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2006

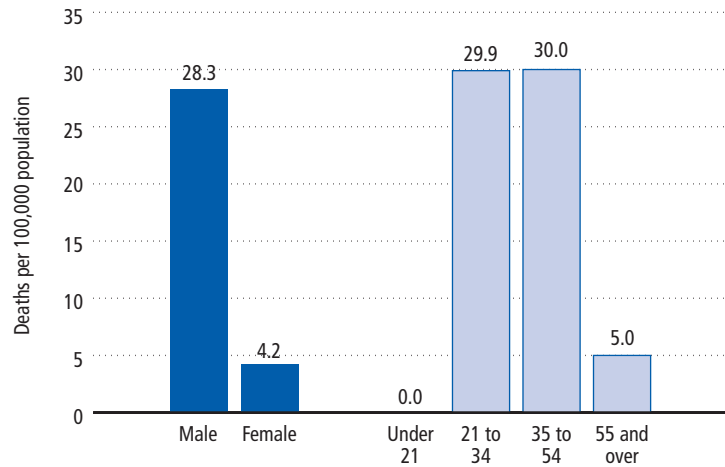
| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------|--------------|------|----------------------|------|------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (1) | 35 | 15.6 | 7 | 3.1 | 224,816 |
| 1. Barnstable County, MA | 35 | 15.6 | 7 | 3.1 | 224,816 |



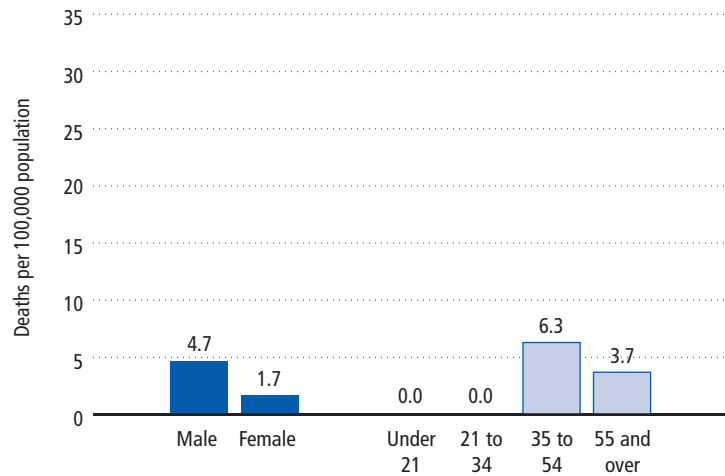
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

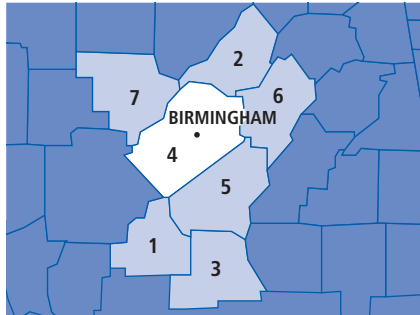
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 12 | Health care facility | -- |
| Home | 16 | Home | 5 |
| Public place | -- | Public place | 0 |
| Other | 5 | Other | 0 |
| Not documented | -- | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 33 | 35 | 11 | 4 | 7 | -- |
| Alcohol* | 10 | 9 | 0 | -- | 4 | -- |
| Cocaine | 12 | 15 | 4 | -- | -- | -- |
| Marijuana | -- | 0 | 0 | 0 | 0 | -- |
| Stimulants | 0 | 0 | 0 | 0 | 0 | -- |
| Club drugs† | 0 | 0 | 0 | 0 | -- | -- |
| Hallucinogens†† | 0 | 0 | 0 | 0 | 0 | -- |
| Inhalants | 0 | -- | -- | 0 | -- | -- |
| Antidepressants | 7 | 5 | 0 | -- | 0 | -- |
| Antipsychotics | -- | 4 | 0 | -- | 0 | -- |
| Benzodiazepines | -- | 0 | 0 | -- | 0 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | -- | -- | -- | 0 | -- | -- |
| Opiates/opioids | 26 | 22 | 5 | -- | 4 | -- |
| Heroin (specified) | 4 | -- | -- | 0 | 0 | -- |
| Methadone | 5 | 9 | -- | 0 | 0 | -- |
| All other opiates/opioids | 19 | 14 | -- | -- | 4 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | -- |
| Salicylates/combinations | 0 | 0 | 0 | 0 | 0 | -- |
| Misc. analgesics/combinations | 0 | -- | 0 | 0 | 0 | -- |
| Anticonvulsants | 0 | 0 | 0 | 0 | 0 | -- |
| Muscle relaxants | 0 | 0 | 0 | 0 | -- | -- |

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

Birmingham-Hoover, AL



Deaths reported to DAWN
 Drug-related 115
 Drug-related suicide 9

Metro area population, 2006
 1,100,019

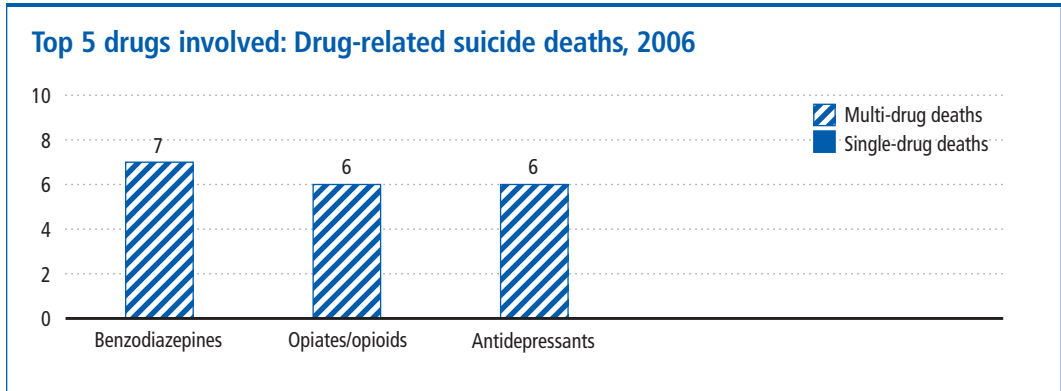
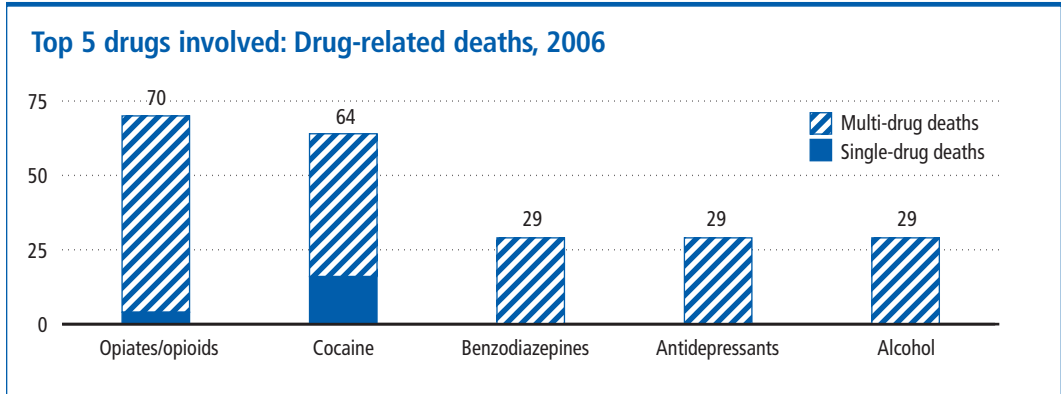
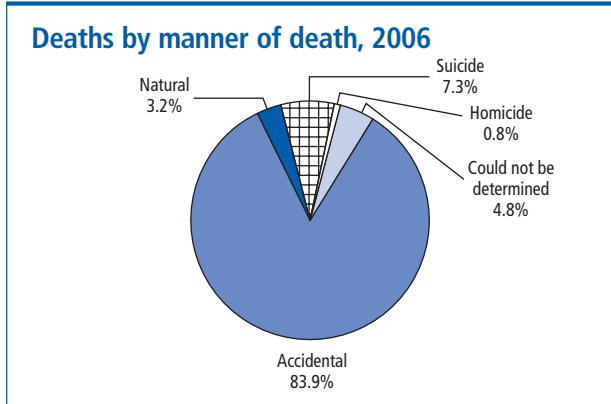
Population covered by DAWN
 656,700

Percent of population covered by DAWN
 60%

Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (1) | 115 | 17.5 | 9 | 1.4 | 656,700 |
| 1. Bibb County, AL | | | | | 21,482 |
| 2. Blount County, AL | | | | | 56,436 |
| 3. Chilton County, AL | | | | | 41,953 |
| 4. Jefferson County, AL | 115 | 17.5 | 9 | 1.4 | 656,700 |
| 5. Shelby County, AL | | | | | 178,182 |
| 6. St. Clair County, AL | | | | | 75,232 |
| 7. Walker County, AL | | | | | 70,034 |

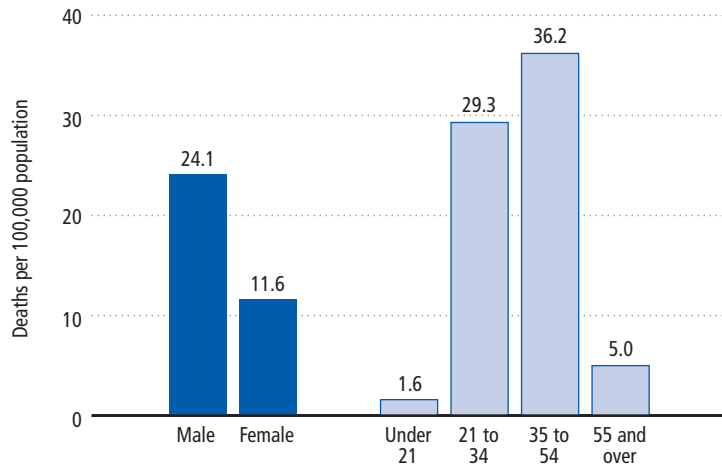
Shaded areas did not participate in DAWN this year.



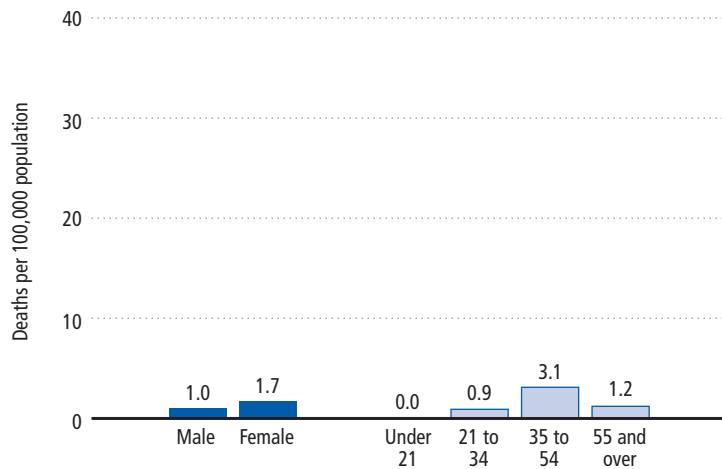
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 22 | Health care facility | -- |
| Home | 63 | Home | 6 |
| Public place | 15 | Public place | 0 |
| Other | 15 | Other | 0 |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 76 | 115 | 20 | 5 | 9 | 0 |
| Alcohol* | 12 | 29 | 0 | -- | -- | -- |
| Cocaine | 43 | 64 | 16 | -- | -- | -- |
| Marijuana | -- | -- | 0 | 0 | 0 | 0 |
| Stimulants | 4 | -- | 0 | 0 | 0 | 0 |
| Club drugs† | -- | -- | 0 | 0 | 0 | 0 |
| Hallucinogens†† | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | 0 | 0 | 0 | 0 | 0 | 0 |
| Antidepressants | 28 | 29 | 0 | -- | 6 | -- |
| Antipsychotics | 7 | 5 | 0 | -- | -- | -- |
| Benzodiazepines | 38 | 29 | 0 | -- | 7 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 18 | 10 | 0 | -- | -- | -- |
| Opiates/opioids | 61 | 70 | 4 | -- | 6 | -- |
| Heroin (specified) | -- | 4 | 0 | 0 | 0 | 0 |
| Methadone | 41 | 40 | -- | 0 | 0 | 0 |
| All other opiates/opioids | 26 | 47 | -- | -- | 6 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | 0 |
| Salicylates/combinations | -- | 0 | 0 | 0 | 0 | 0 |
| Misc. analgesics/combinations | -- | 6 | 0 | -- | -- | -- |
| Anticonvulsants | -- | -- | 0 | 0 | 0 | 0 |
| Muscle relaxants | -- | -- | 0 | 0 | -- | -- |

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

Boston-Cambridge-Quincy, MA-NH

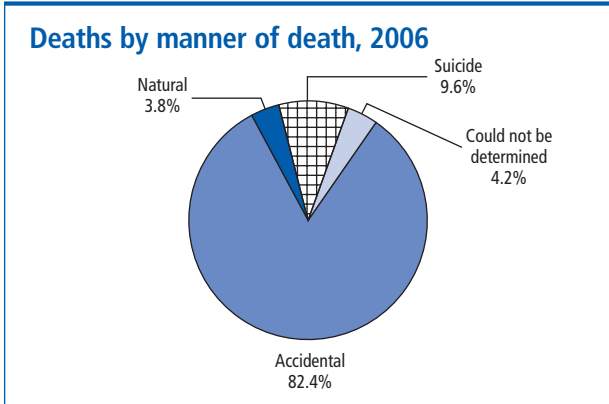


Deaths reported to DAWN
 Drug-related 596
 Drug-related suicide 63

Metro area population, 2006
 4,455,217

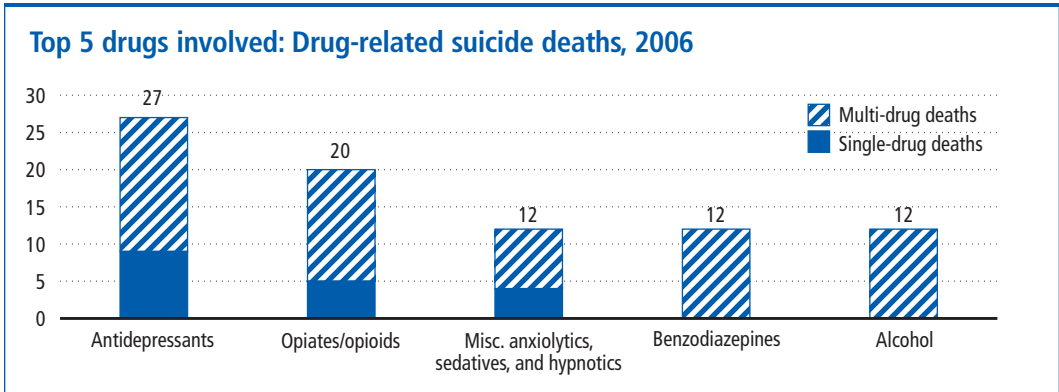
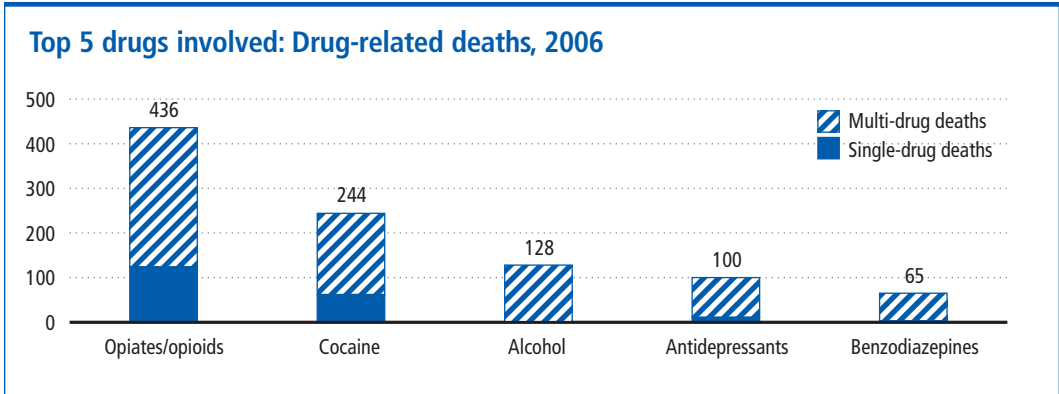
Population covered by DAWN
 4,455,217

Percent of population covered by DAWN
 100%



Metro area overview: Deaths and population by county, 2006

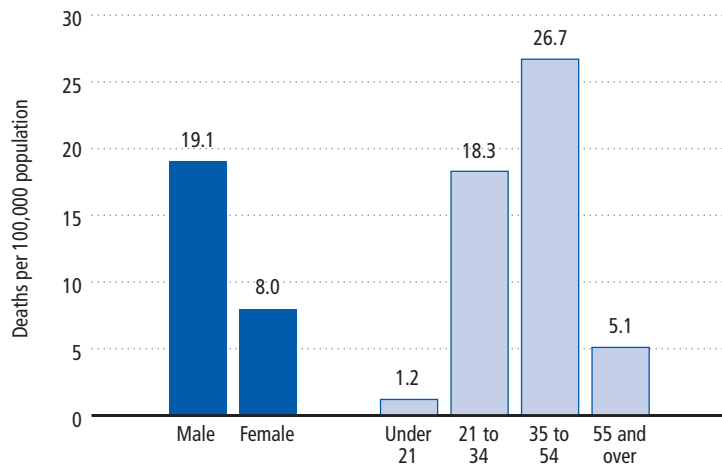
| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (7) | 596 | 13.4 | 63 | 1.4 | 4,455,217 |
| 1. Essex County, MA | 109 | 14.8 | 14 | 1.9 | 735,958 |
| 2. Middlesex County, MA | 161 | 11.0 | 24 | 1.6 | 1,467,016 |
| 3. Norfolk County, MA | 68 | 10.4 | 7 | 1.1 | 654,753 |
| 4. Plymouth County, MA | 59 | 12.0 | 4 | 0.8 | 493,623 |
| 5. Suffolk County, MA | 165 | 24.0 | 9 | 1.3 | 687,610 |
| 6. Rockingham County, NH | 24 | 8.1 | 5 | 1.7 | 296,267 |
| 7. Strafford County, NH | 10 | 8.3 | 0 | 0.0 | 119,990 |



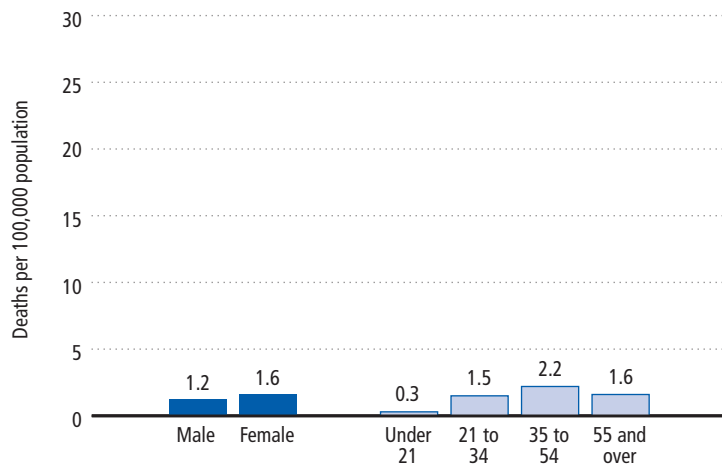
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

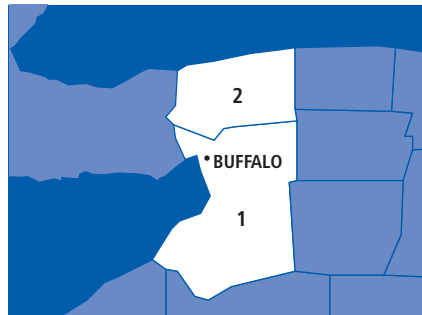
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 162 | Health care facility | 14 |
| Home | 325 | Home | 34 |
| Public place | 17 | Public place | -- |
| Other | 47 | Other | 9 |
| Not documented | 45 | Not documented | 4 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 564 | 596 | 219 | 56 | 63 | 23 |
| Alcohol* | 176 | 128 | 0 | 16 | 12 | 0 |
| Cocaine | 234 | 244 | 62 | 5 | -- | 0 |
| Marijuana | 10 | 5 | 0 | 0 | 0 | 0 |
| Stimulants | 7 | 7 | 0 | 0 | 0 | 0 |
| Club drugs† | 4 | 0 | 0 | 0 | 0 | 0 |
| Hallucinogens†† | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | 0 | 4 | -- | 0 | 5 | -- |
| Antidepressants | 57 | 100 | 11 | 20 | 27 | 9 |
| Antipsychotics | 21 | 21 | 4 | 12 | 9 | -- |
| Benzodiazepines | 58 | 65 | -- | 6 | 12 | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | 9 | 24 | -- | 5 | 12 | 4 |
| Opiates/opioids | 419 | 436 | 124 | 15 | 20 | 5 |
| Heroin (specified) | 101 | 29 | 6 | 0 | -- | -- |
| Methadone | 74 | 117 | 36 | -- | 4 | -- |
| All other opiates/opioids | 273 | 335 | 82 | 15 | 15 | -- |
| Nonsteroidal anti-inflammatory agents | -- | 0 | 0 | -- | 0 | 0 |
| Salicylates/combinations | 5 | 0 | 0 | -- | -- | 0 |
| Misc. analgesics/combinations | 11 | 14 | -- | 7 | 5 | -- |
| Anticonvulsants | 0 | 5 | 0 | -- | -- | 0 |
| Muscle relaxants | -- | -- | 0 | 0 | -- | 0 |

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

Buffalo-Niagara Falls, NY



Deaths reported to DAWN
 Drug-related 88
 Drug-related suicide 12

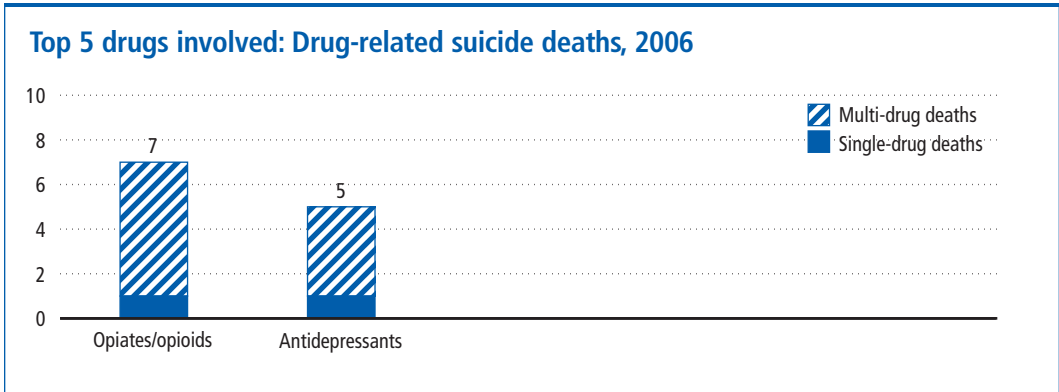
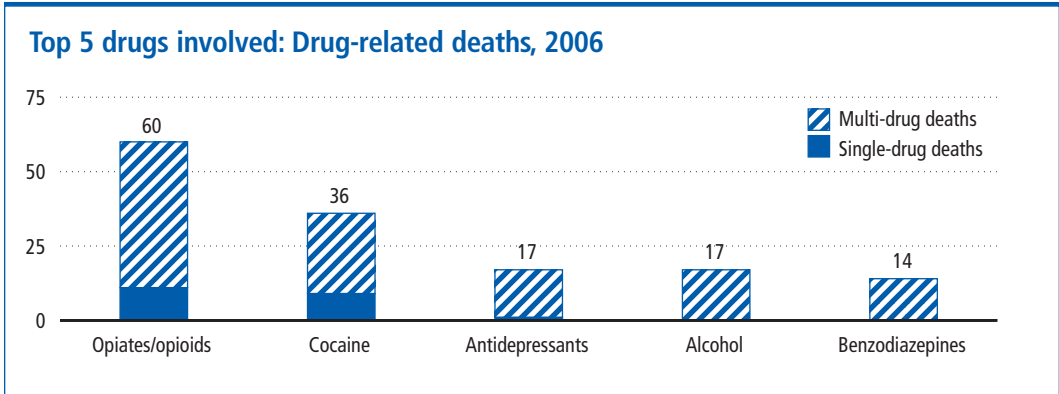
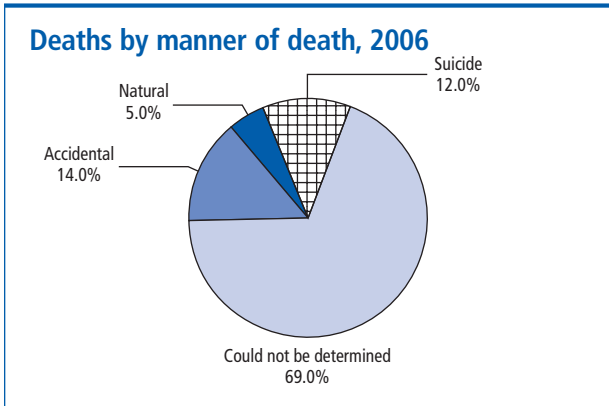
Metro area population, 2006
 1,137,520

Population covered by DAWN
 1,137,520

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2006

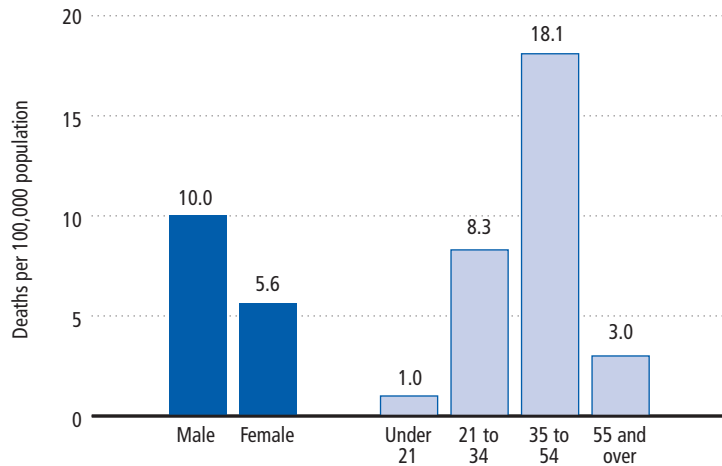
| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (2) | 88 | 7.7 | 12 | 1.1 | 1,137,520 |
| 1. Erie County, NY | 69 | 7.5 | 8 | 0.9 | 921,390 |
| 2. Niagara County, NY | 19 | 8.8 | 4 | 1.9 | 216,130 |



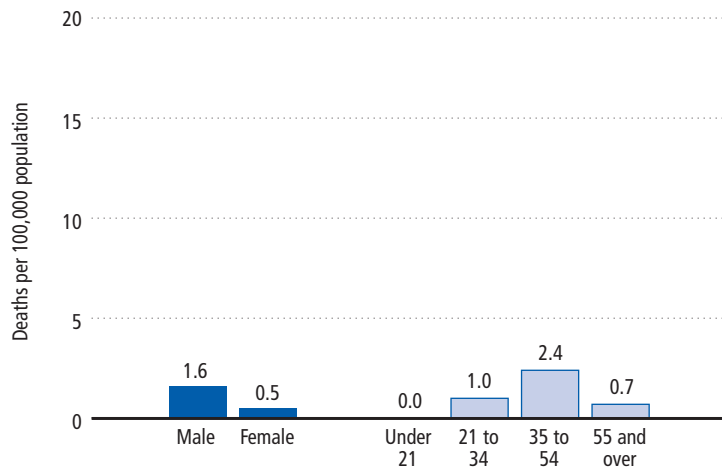
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

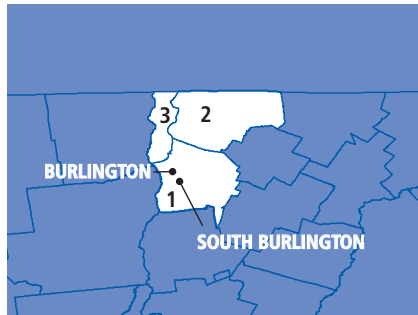
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 30 | Health care facility | 4 |
| Home | 48 | Home | 6 |
| Public place | -- | Public place | -- |
| Other | 9 | Other | 0 |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 107 | 88 | 24 | 13 | 12 | 5 |
| Alcohol* | 22 | 17 | 0 | 4 | -- | 0 |
| Cocaine | 30 | 36 | 9 | -- | 0 | 0 |
| Marijuana | 16 | 11 | 0 | 0 | 0 | 0 |
| Stimulants | -- | 0 | 0 | 0 | 0 | 0 |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | 0 |
| Hallucinogens†† | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | 0 | -- | 0 | -- | 0 | 0 |
| Antidepressants | 31 | 17 | -- | -- | 5 | -- |
| Antipsychotics | 4 | 7 | -- | -- | -- | -- |
| Benzodiazepines | 16 | 14 | 0 | -- | -- | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | 11 | 11 | 0 | 5 | -- | 0 |
| Opiates/opioids | 92 | 60 | 11 | -- | 7 | -- |
| Heroin (specified) | 27 | 10 | -- | 0 | 0 | 0 |
| Methadone | 21 | 11 | -- | 0 | -- | 0 |
| All other opiates/opioids | 54 | 41 | 6 | -- | 6 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | 0 |
| Salicylates/combinations | 0 | 0 | 0 | -- | 0 | 0 |
| Misc. analgesics/combinations | 9 | 6 | -- | -- | 0 | 0 |
| Anticonvulsants | -- | 0 | 0 | 0 | 0 | 0 |
| Muscle relaxants | -- | 6 | 0 | 0 | 0 | 0 |

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

Burlington-South Burlington, VT

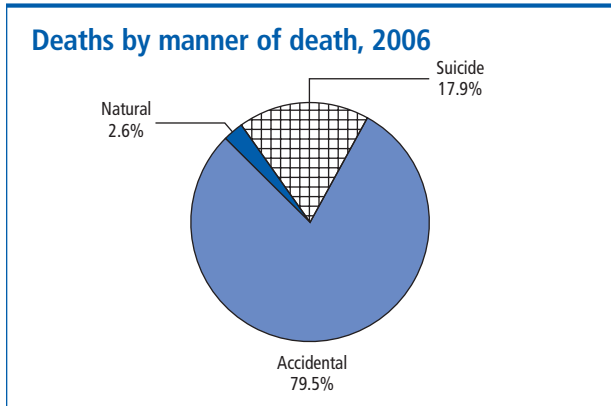


Deaths reported to DAWN
 Drug-related 32
 Drug-related suicide 7

Metro area population, 2006
 206,007

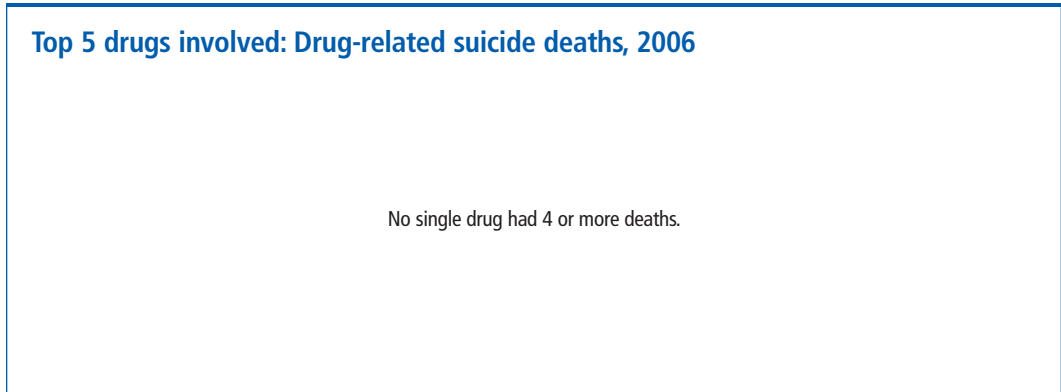
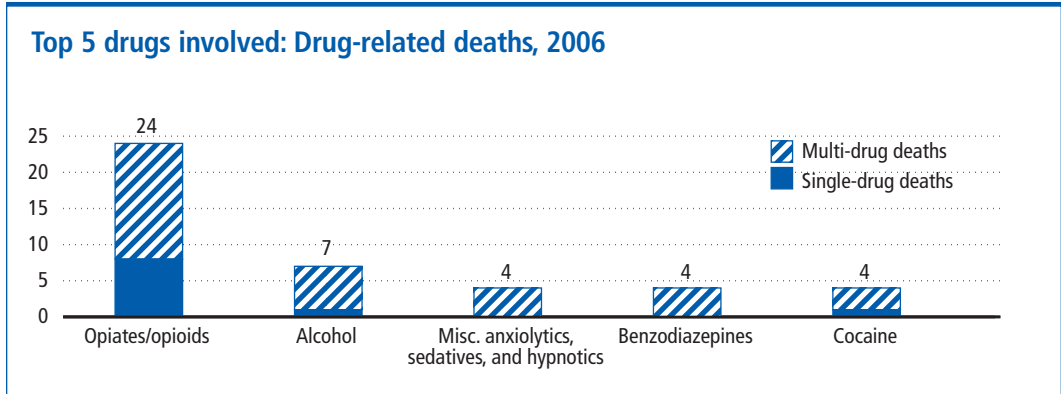
Population covered by DAWN
 206,007

Percent of population covered by DAWN
 100%



Metro area overview: Deaths and population by county, 2006

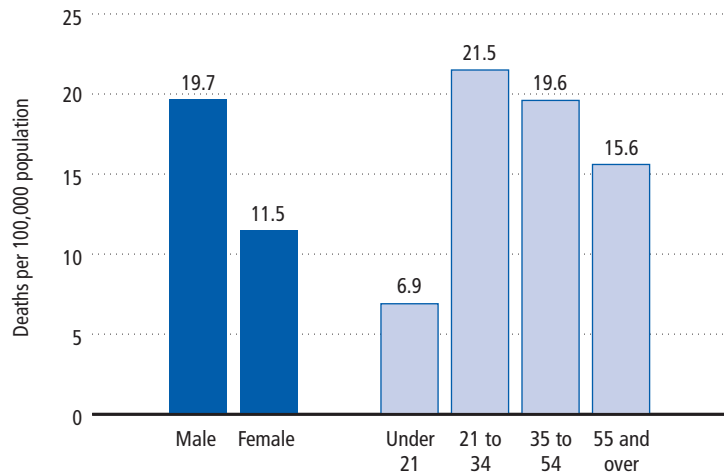
| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (3) | 32 | 15.5 | 7 | 3.4 | 206,007 |
| 1. Chittenden County, VT | 28 | 18.7 | 5 | 3.3 | 150,069 |
| 2. Franklin County, VT | 4 | 8.3 | 2 | 4.2 | 48,187 |
| 3. Grand Isle County, VT | 0 | 0.0 | 0 | 0.0 | 7,751 |



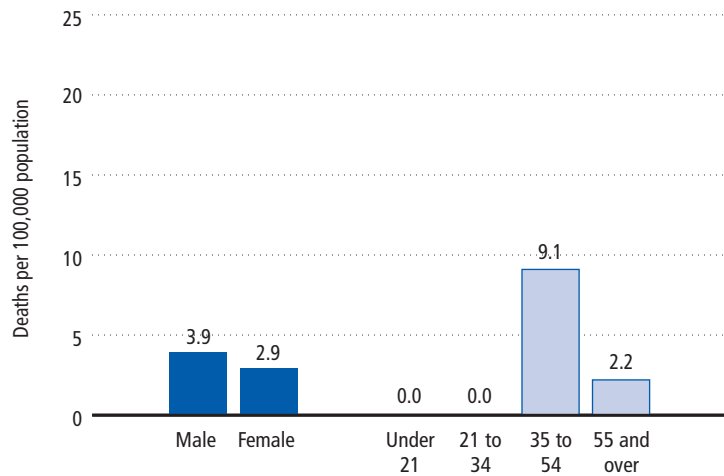
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

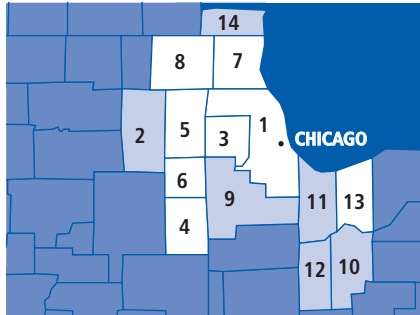
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 15 | Health care facility | 4 |
| Home | 15 | Home | -- |
| Public place | 0 | Public place | 0 |
| Other | -- | Other | -- |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 32 | 32 | 15 | 7 | 7 | -- |
| Alcohol* | 6 | 7 | -- | -- | -- | -- |
| Cocaine | 6 | 4 | -- | 0 | -- | -- |
| Marijuana | 0 | 0 | 0 | 0 | 0 | -- |
| Stimulants | 0 | 0 | 0 | 0 | 0 | -- |
| Club drugs† | 0 | -- | 0 | 0 | 0 | -- |
| Hallucinogens†† | 0 | 0 | 0 | 0 | 0 | -- |
| Inhalants | 0 | 0 | 0 | 0 | -- | -- |
| Antidepressants | -- | -- | 0 | -- | -- | -- |
| Antipsychotics | -- | 0 | 0 | -- | -- | -- |
| Benzodiazepines | 4 | 4 | 0 | -- | -- | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 0 | 4 | 0 | 0 | 0 | -- |
| Opiates/opioids | 17 | 24 | 8 | -- | -- | -- |
| Heroin (specified) | -- | 0 | 0 | 0 | 0 | -- |
| Methadone | 6 | 11 | 6 | 0 | 0 | -- |
| All other opiates/opioids | 11 | 15 | -- | -- | -- | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | -- | 0 | -- |
| Salicylates/combinations | -- | 0 | 0 | -- | -- | -- |
| Misc. analgesics/combinations | 0 | 0 | 0 | -- | -- | -- |
| Anticonvulsants | 0 | 0 | 0 | -- | 0 | -- |
| Muscle relaxants | -- | -- | 0 | 0 | 0 | -- |

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

Chicago-Naperville-Joliet, IL-IN-WI



Deaths reported to DAWN
 Drug-related 998
 Drug-related suicide 65

Metro area population, 2006
 9,505,748

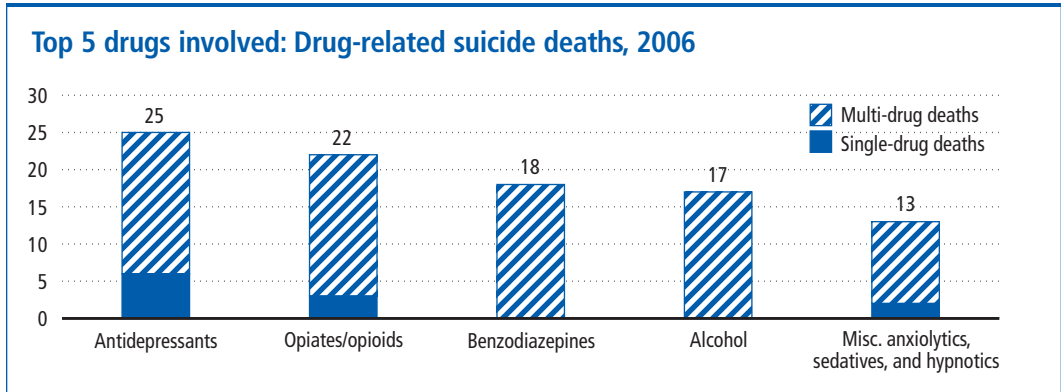
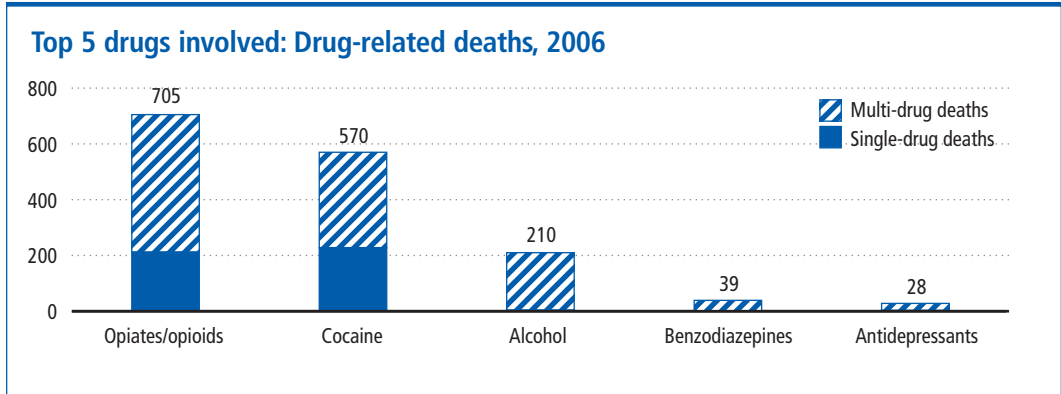
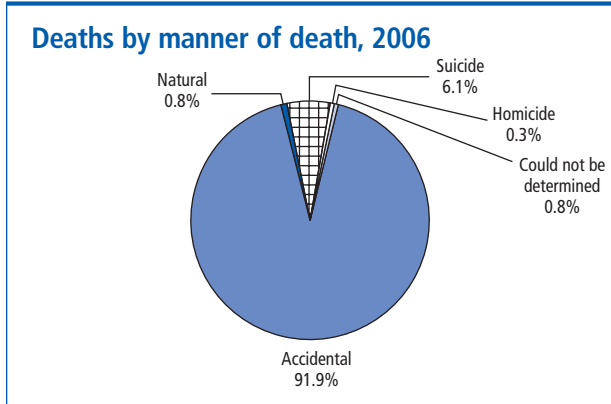
Population covered by DAWN
 8,034,600

Percent of population covered by DAWN
 85%

Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (8) | 998 | 12.4 | 65 | 0.8 | 8,034,600 |
| 1. Cook County, IL | 803 | 15.2 | 26 | 0.5 | 5,288,655 |
| 2. DeKalb County, IL | | | | | 100,139 |
| 3. DuPage County, IL | 59 | 6.3 | 14 | 1.5 | 932,670 |
| 4. Grundy County, IL | 7 | 15.3 | 0 | 0.0 | 45,828 |
| 5. Kane County, IL | 23 | 4.7 | 6 | 1.2 | 493,735 |
| 6. Kendall County, IL | 2 | 2.3 | 2 | 2.3 | 88,158 |
| 7. Lake County, IL | 63 | 8.8 | 12 | 1.7 | 713,076 |
| 8. McHenry County, IL | 21 | 6.7 | 3 | 1.0 | 312,373 |
| 9. Will County, IL | | | | | 668,217 |
| 10. Jasper County, IN | | | | | 32,296 |
| 11. Lake County, IN | | | | | 494,202 |
| 12. Newton County, IN | | | | | 14,293 |
| 13. Porter County, IN | 20 | 12.5 | 2 | 1.2 | 160,105 |
| 14. Kenosha County, WI | | | | | 162,001 |

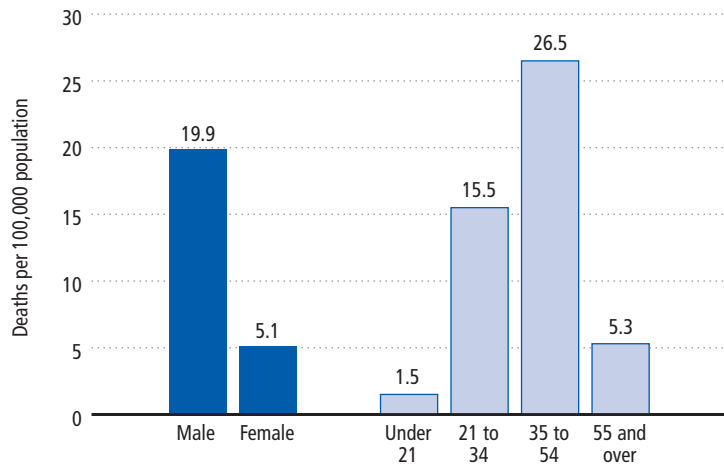
Shaded areas did not participate in DAWN this year.



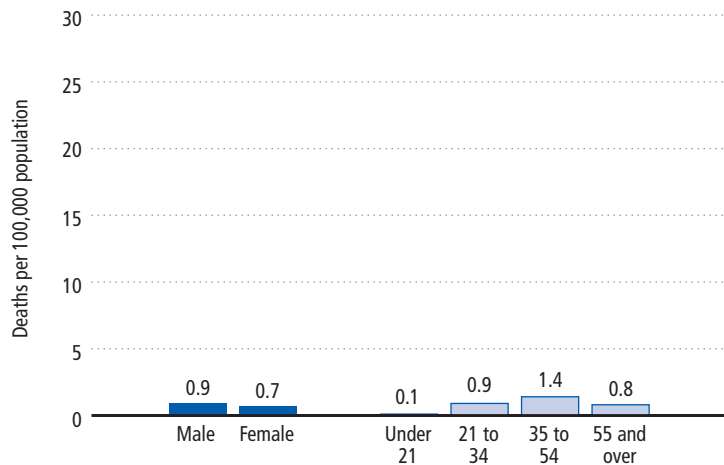
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

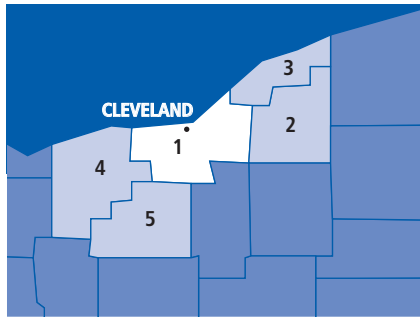
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 460 | Health care facility | 15 |
| Home | 348 | Home | 40 |
| Public place | 73 | Public place | 6 |
| Other | 108 | Other | 4 |
| Not documented | 9 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 772 | 998 | 458 | 69 | 65 | 20 |
| Alcohol* | 151 | 210 | 4 | 22 | 17 | 0 |
| Cocaine | 479 | 570 | 228 | 4 | 9 | -- |
| Marijuana | 19 | 21 | 0 | -- | -- | -- |
| Stimulants | -- | -- | -- | -- | 0 | 0 |
| Club drugs† | -- | 0 | 0 | -- | 0 | 0 |
| Hallucinogens†† | 0 | -- | 0 | 0 | 0 | 0 |
| Inhalants | -- | -- | -- | -- | 0 | 0 |
| Antidepressants | 28 | 28 | -- | 20 | 25 | 6 |
| Antipsychotics | -- | -- | 0 | 6 | 6 | 0 |
| Benzodiazepines | 32 | 39 | -- | 19 | 18 | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | 18 | 16 | 0 | 13 | 13 | -- |
| Opiates/opioids | 472 | 705 | 212 | 19 | 22 | -- |
| Heroin (specified) | 45 | 59 | 9 | -- | 0 | 0 |
| Methadone | 60 | 56 | 17 | -- | -- | -- |
| All other opiates/opioids | 387 | 624 | 186 | 18 | 19 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | -- | 0 | -- | -- | 0 |
| Salicylates/combinations | -- | -- | 0 | -- | -- | -- |
| Misc. analgesics/combinations | 6 | 7 | -- | 11 | 12 | -- |
| Anticonvulsants | 4 | 4 | 0 | -- | -- | 0 |
| Muscle relaxants | 4 | 4 | -- | -- | 5 | -- |

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

Cleveland-Elyria-Mentor, OH



Deaths reported to DAWN
 Drug-related 227
 Drug-related suicide 18

Metro area population, 2006
 2,114,155

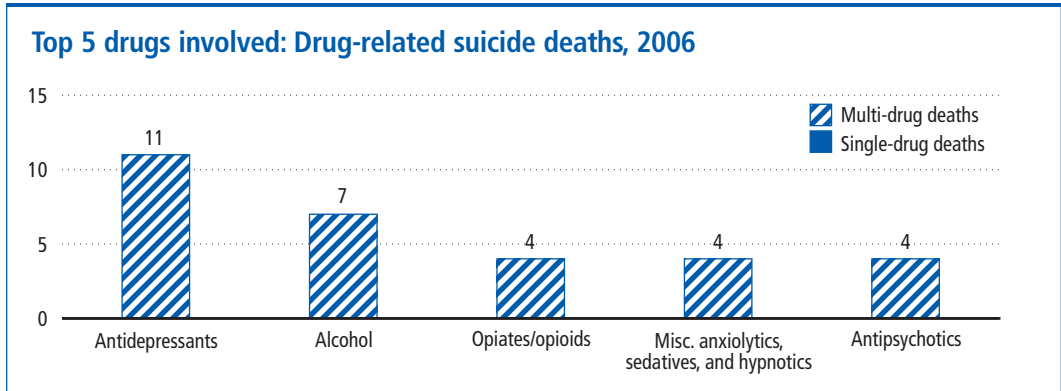
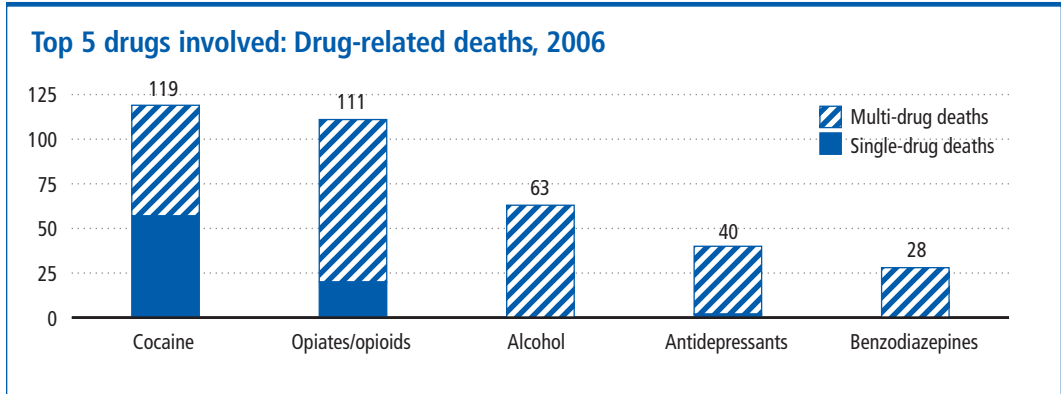
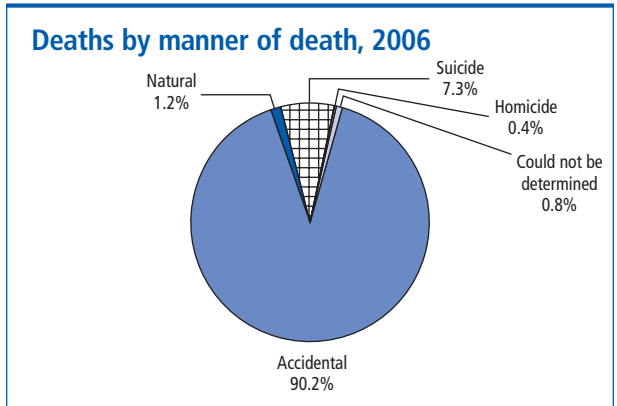
Population covered by DAWN
 1,314,241

Percent of population covered by DAWN
 62%

Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (1) | 227 | 17.3 | 18 | 1.4 | 1,314,241 |
| 1. Cuyahoga County, OH | 227 | 17.3 | 18 | 1.4 | 1,314,241 |
| 2. Geauga County, OH | | | | | 95,676 |
| 3. Lake County, OH | | | | | 232,892 |
| 4. Lorain County, OH | | | | | 301,993 |
| 5. Medina County, OH | | | | | 169,353 |

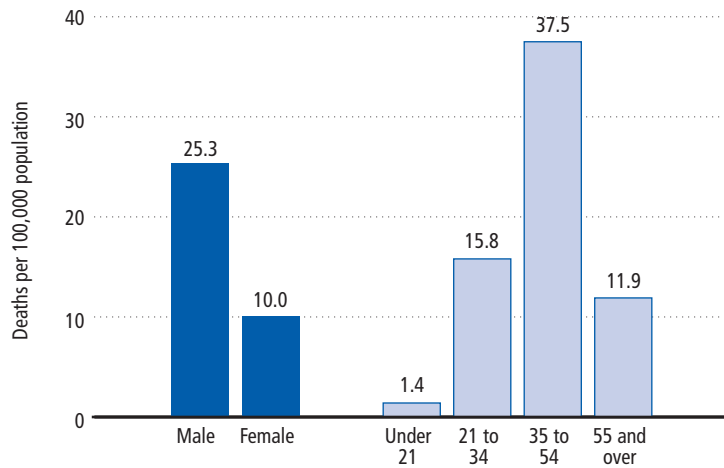
Shaded areas did not participate in DAWN this year.



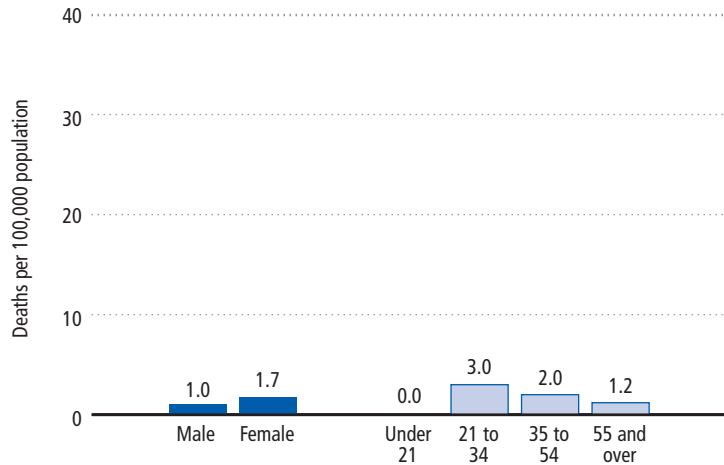
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

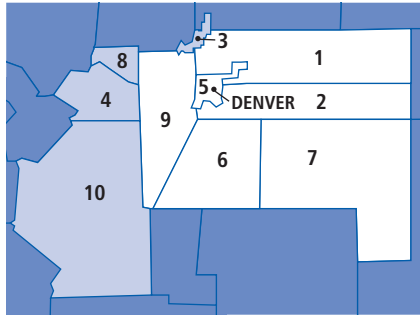
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 88 | Health care facility | 4 |
| Home | 129 | Home | 14 |
| Public place | -- | Public place | 0 |
| Other | 8 | Other | 0 |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 181 | 227 | 88 | 32 | 18 | -- |
| Alcohol* | 48 | 63 | 0 | 9 | 7 | -- |
| Cocaine | 86 | 119 | 57 | 0 | 4 | -- |
| Marijuana | 0 | 5 | 0 | 0 | 0 | -- |
| Stimulants | 0 | -- | 0 | 0 | 0 | -- |
| Club drugs† | 0 | -- | 0 | 0 | 0 | -- |
| Hallucinogens†† | -- | -- | 0 | 0 | 0 | -- |
| Inhalants | 0 | -- | 0 | -- | 0 | -- |
| Antidepressants | 21 | 40 | -- | 13 | 11 | -- |
| Antipsychotics | 7 | 12 | -- | 4 | 4 | -- |
| Benzodiazepines | 23 | 28 | 0 | -- | 0 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 13 | 14 | 0 | 6 | 4 | -- |
| Opiates/opioids | 96 | 111 | 20 | 13 | 4 | -- |
| Heroin (specified) | 37 | 49 | 10 | 0 | 0 | -- |
| Methadone | 16 | 16 | 4 | -- | -- | -- |
| All other opiates/opioids | 66 | 67 | 6 | 13 | -- | -- |
| Nonsteroidal anti-inflammatory agents | -- | 0 | 0 | 0 | 0 | -- |
| Salicylates/combinations | -- | -- | 0 | -- | 0 | -- |
| Misc. analgesics/combinations | 13 | 13 | 0 | 11 | -- | -- |
| Anticonvulsants | -- | -- | 0 | 0 | -- | -- |
| Muscle relaxants | 7 | 4 | 0 | -- | 0 | -- |

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

Denver-Aurora, CO



Deaths reported to DAWN
 Drug-related 325
 Drug-related suicide 55

Metro area population, 2006
 2,408,750

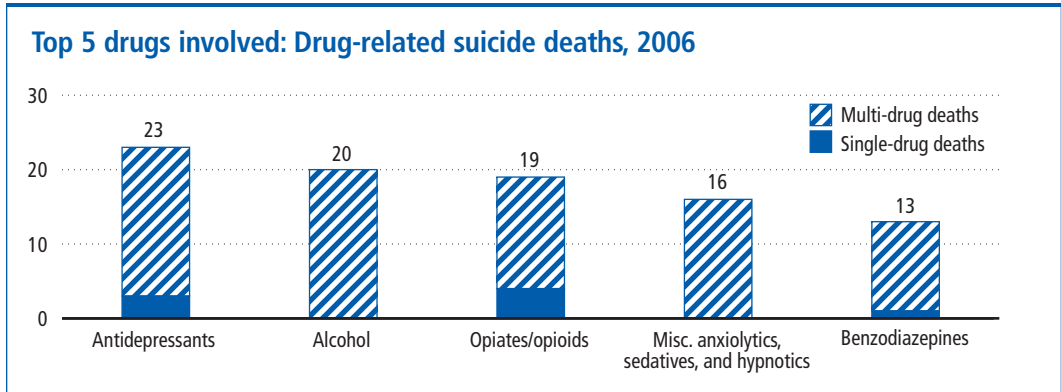
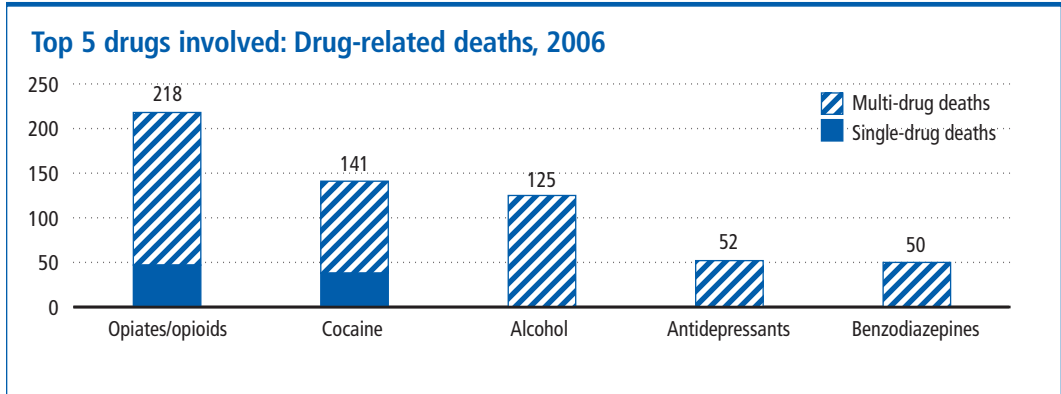
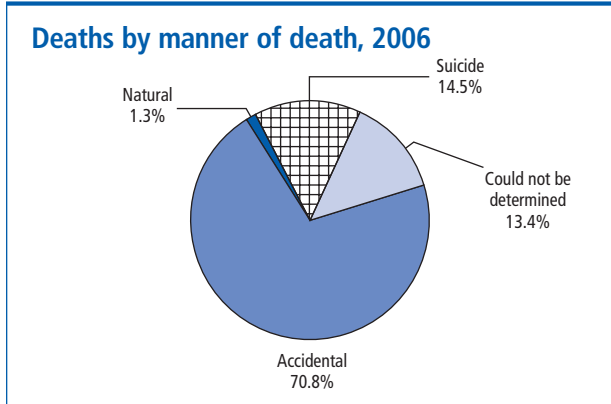
Population covered by DAWN
 2,332,305

Percent of population covered by DAWN
 97%

Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (6) | 325 | 13.9 | 55 | 2.4 | 2,332,305 |
| 1. Adams County, CO | 64 | 15.4 | 12 | 2.9 | 414,338 |
| 2. Arapahoe County, CO | 60 | 11.2 | 9 | 1.7 | 537,197 |
| 3. Broomfield County, CO | | | | | 45,116 |
| 4. Clear Creek County, CO | | | | | 9,130 |
| 5. Denver County, CO | 156 | 27.5 | 16 | 2.8 | 566,974 |
| 6. Douglas County, CO | 16 | 6.1 | 3 | 1.1 | 263,621 |
| 7. Elbert County, CO | 1 | 4.3 | 1 | 4.3 | 23,181 |
| 8. Gilpin County, CO | | | | | 5,042 |
| 9. Jefferson County, CO | 28 | 5.3 | 14 | 2.7 | 526,994 |
| 10. Park County, CO | | | | | 17,157 |

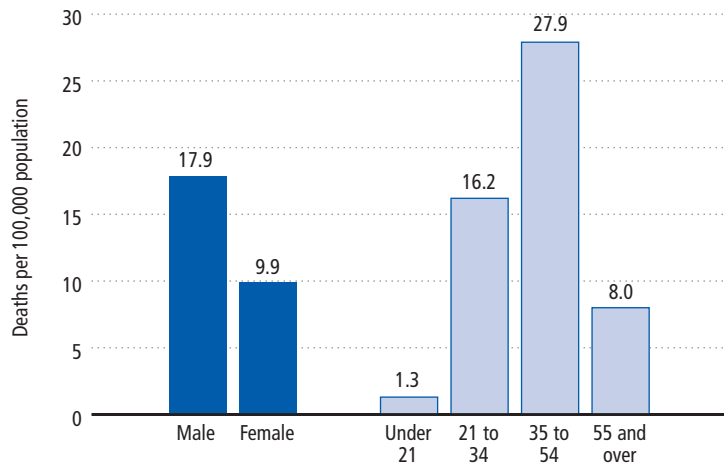
Shaded areas did not participate in DAWN this year.



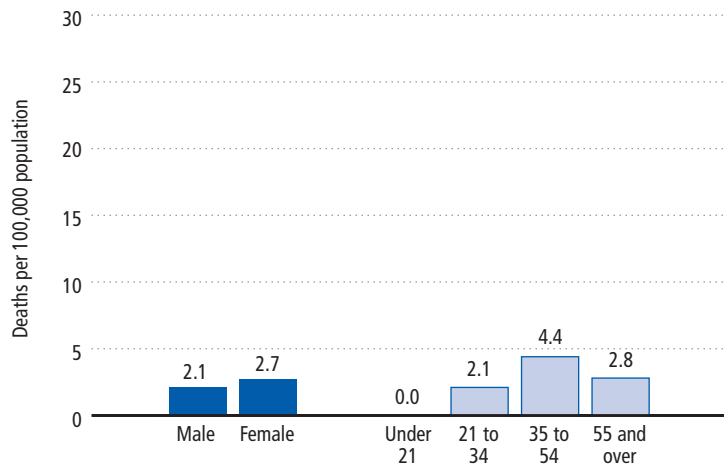
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

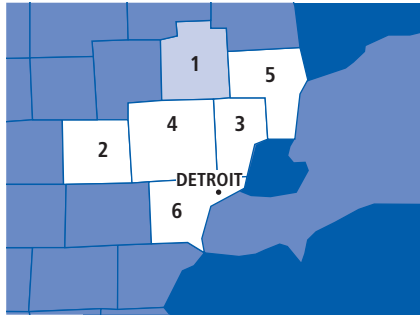
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 61 | Health care facility | 8 |
| Home | 198 | Home | 34 |
| Public place | 18 | Public place | 5 |
| Other | 47 | Other | 8 |
| Not documented | -- | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 314 | 325 | 95 | 62 | 55 | 15 |
| Alcohol* | 96 | 125 | 0 | 14 | 20 | 0 |
| Cocaine | 142 | 141 | 38 | -- | -- | 0 |
| Marijuana | 7 | 10 | 0 | -- | -- | 0 |
| Stimulants | 29 | 24 | -- | -- | -- | -- |
| Club drugs† | -- | -- | 0 | 0 | 0 | 0 |
| Hallucinogens†† | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | 6 | -- | -- | -- | -- | -- |
| Antidepressants | 36 | 52 | 0 | 23 | 23 | -- |
| Antipsychotics | 7 | 9 | -- | -- | -- | 0 |
| Benzodiazepines | 36 | 50 | 0 | 11 | 13 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 15 | 14 | 0 | 8 | 16 | 0 |
| Opiates/opioids | 198 | 218 | 47 | 30 | 19 | 4 |
| Heroin (specified) | 14 | 23 | 8 | -- | -- | 0 |
| Methadone | 34 | 40 | 13 | 9 | -- | -- |
| All other opiates/opioids | 159 | 171 | 26 | 20 | 15 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | -- | 0 | -- | 0 | 0 |
| Salicylates/combinations | -- | 0 | 0 | -- | 0 | 0 |
| Misc. analgesics/combinations | 19 | 17 | -- | 10 | 9 | -- |
| Anticonvulsants | 4 | 7 | 0 | -- | -- | -- |
| Muscle relaxants | 7 | 10 | -- | -- | -- | 0 |

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

Detroit-Warren-Livonia, MI



Deaths reported to DAWN
 Drug-related 884
 Drug-related suicide 60

Metro area population, 2006
 4,468,966

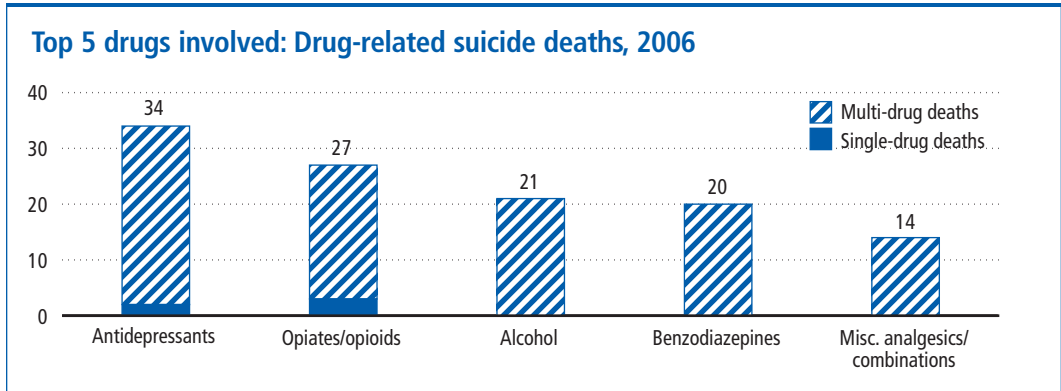
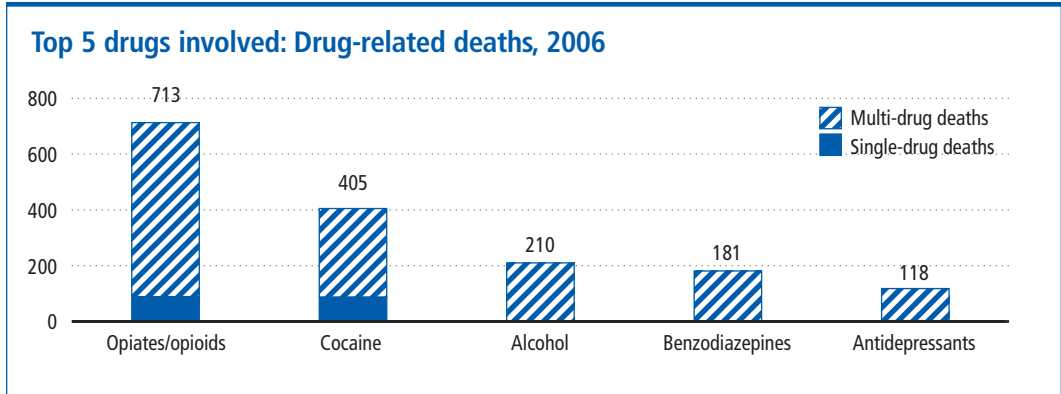
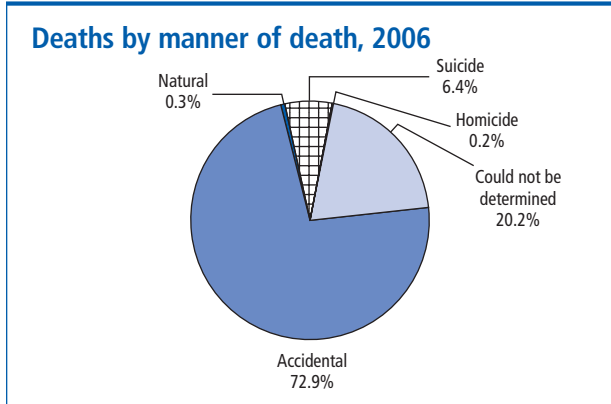
Population covered by DAWN
 4,375,205

Percent of population covered by DAWN
 98%

Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (5) | 884 | 20.2 | 60 | 1.4 | 4,375,205 |
| 1. Lapeer County, MI | | | | | 93,761 |
| 2. Livingston County, MI | 18 | 9.8 | 1 | 0.5 | 184,511 |
| 3. Macomb County, MI | 138 | 16.6 | 16 | 1.9 | 832,861 |
| 4. Oakland County, MI | 165 | 13.6 | 19 | 1.6 | 1,214,255 |
| 5. St. Clair County, MI | 24 | 14.0 | 2 | 1.2 | 171,725 |
| 6. Wayne County, MI | 539 | 27.3 | 22 | 1.1 | 1,971,853 |

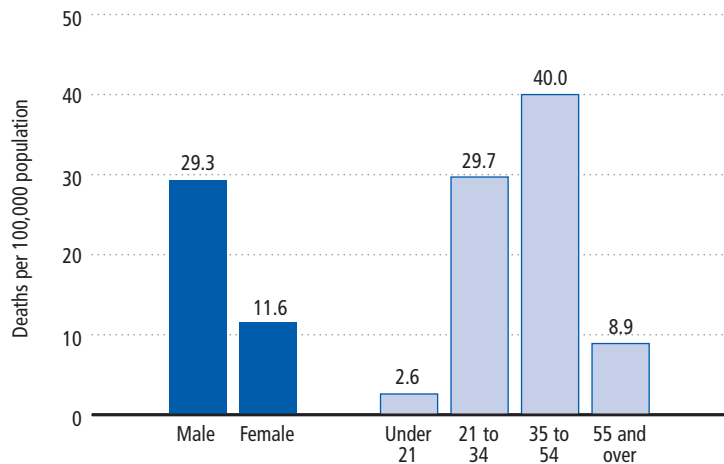
Shaded areas did not participate in DAWN this year.



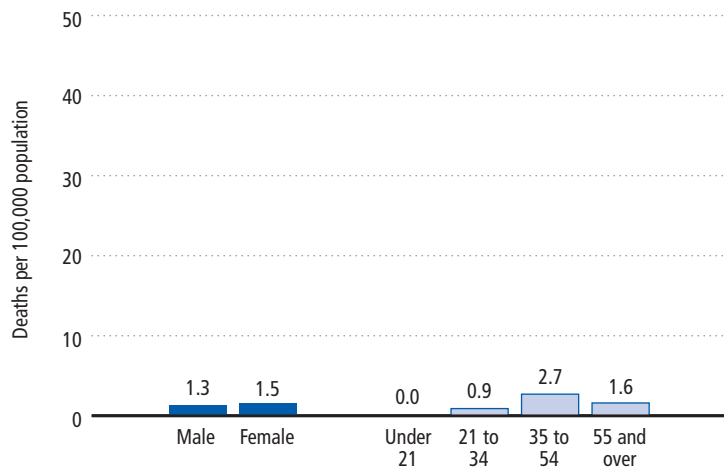
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 245 | Health care facility | 11 |
| Home | 526 | Home | 42 |
| Public place | 15 | Public place | -- |
| Other | 96 | Other | 6 |
| Not documented | -- | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | | 884 | 191 | | 60 | 13 |
| Alcohol* | 210 | -- | -- | 21 | 0 | 0 |
| Cocaine | 405 | 87 | -- | -- | 0 | 0 |
| Marijuana | 49 | 0 | -- | -- | 0 | 0 |
| Stimulants | 11 | 0 | -- | -- | 0 | 0 |
| Club drugs† | -- | 0 | -- | 0 | 0 | 0 |
| Hallucinogens†† | 0 | 0 | -- | 0 | 0 | 0 |
| Inhalants | 9 | -- | -- | -- | 0 | 0 |
| Antidepressants | 118 | -- | -- | 34 | -- | -- |
| Antipsychotics | 38 | 0 | -- | 10 | -- | -- |
| Benzodiazepines | 181 | -- | -- | 20 | 0 | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | 80 | 0 | -- | 6 | -- | -- |
| Opiates/opioids | 713 | 89 | -- | 27 | -- | -- |
| Heroin (specified) | 151 | -- | -- | 0 | 0 | 0 |
| Methadone | 117 | 20 | -- | 4 | -- | -- |
| All other opiates/opioids | 653 | 68 | -- | 24 | -- | -- |
| Nonsteroidal anti-inflammatory agents | 6 | 0 | -- | -- | 0 | 0 |
| Salicylates/combinations | 0 | 0 | -- | -- | -- | -- |
| Misc. analgesics/combinations | 65 | 4 | -- | 14 | 0 | 0 |
| Anticonvulsants | 9 | 0 | -- | 7 | 0 | 0 |
| Muscle relaxants | 43 | 0 | -- | 4 | 0 | 0 |

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

Houston-Sugar Land-Baytown, TX

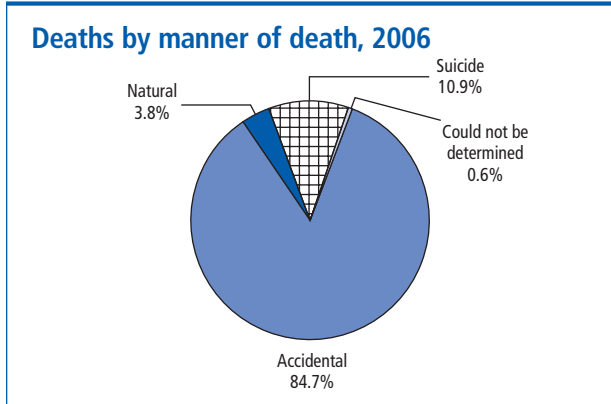


Deaths reported to DAWN
 Drug-related 443
 Drug-related suicide 54

Metro area population, 2006
 5,539,949

Population covered by DAWN
 3,886,207

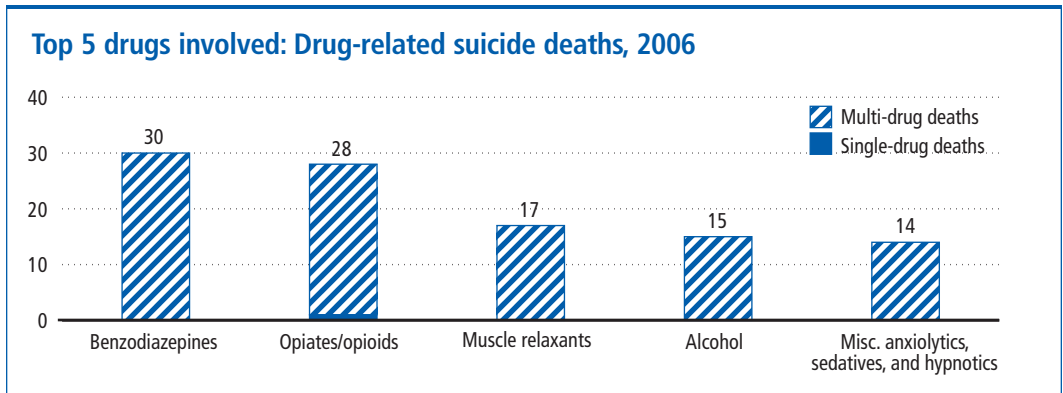
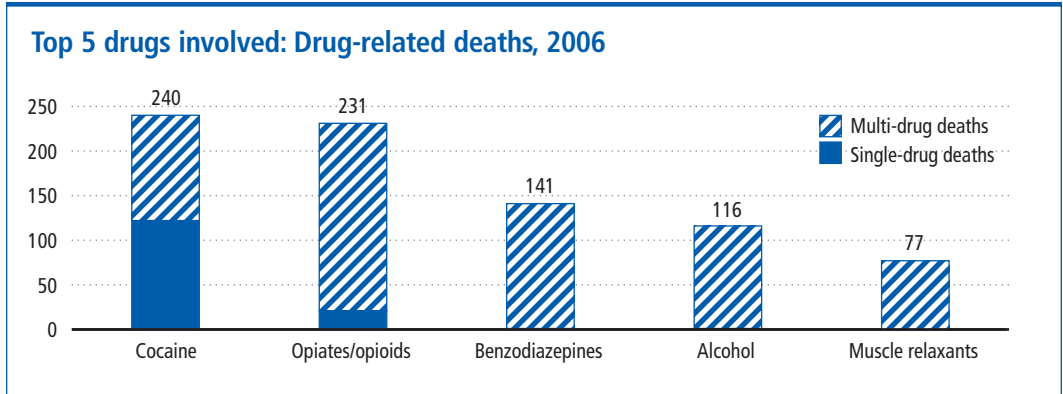
Percent of population covered by DAWN
 70%



Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (1) | 443 | 11.4 | 54 | 1.4 | 3,886,207 |
| 1. Austin County, TX | | | | | 26,407 |
| 2. Brazoria County, TX | | | | | 287,898 |
| 3. Chambers County, TX | | | | | 28,779 |
| 4. Fort Bend County, TX | | | | | 493,187 |
| 5. Galveston County, TX | | | | | 283,551 |
| 6. Harris County, TX | 443 | 11.4 | 54 | 1.4 | 3,886,207 |
| 7. Liberty County, TX | | | | | 75,685 |
| 8. Montgomery County, TX | | | | | 398,290 |
| 9. San Jacinto County, TX | | | | | 24,760 |
| 10. Waller County, TX | | | | | 35,185 |

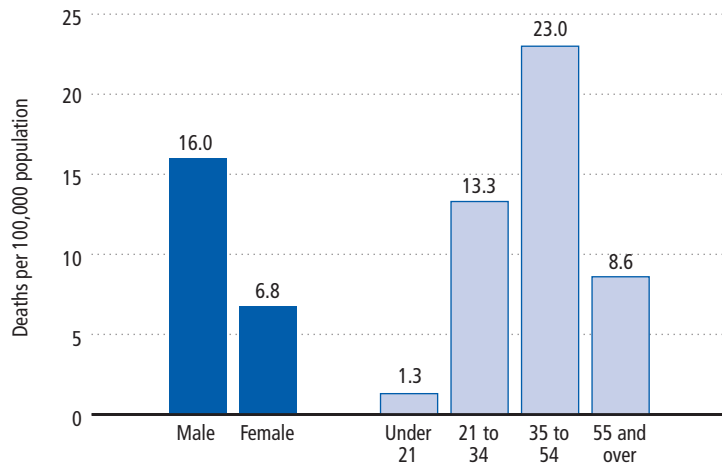
Shaded areas did not participate in DAWN this year.



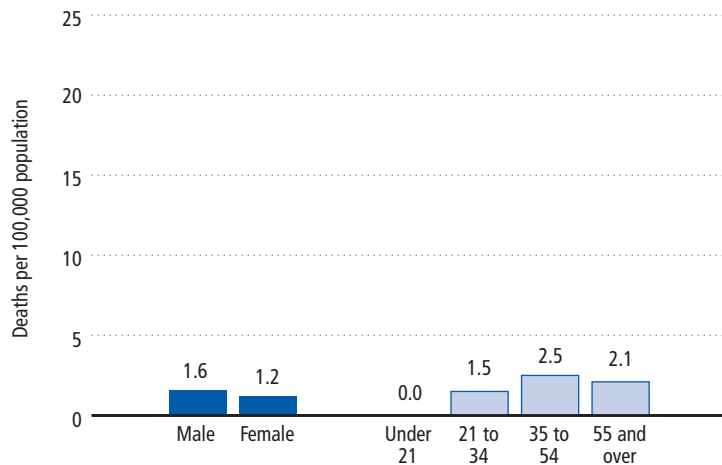
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

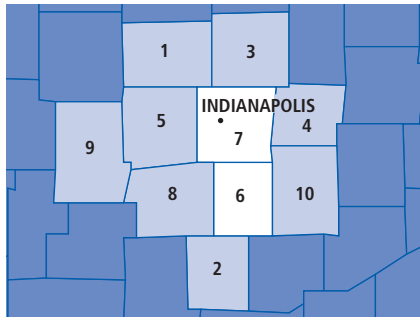
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 199 | Health care facility | 13 |
| Home | 179 | Home | 32 |
| Public place | 24 | Public place | -- |
| Other | 41 | Other | 6 |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 441 | 443 | 156 | 70 | 54 | 4 |
| Alcohol* | 107 | 116 | -- | 19 | 15 | 0 |
| Cocaine | 207 | 240 | 122 | 6 | 5 | 0 |
| Marijuana | -- | -- | 0 | 0 | 0 | 0 |
| Stimulants | 17 | 18 | -- | 0 | 0 | 0 |
| Club drugs† | 7 | 6 | 0 | 0 | 0 | 0 |
| Hallucinogens†† | 4 | 6 | -- | 0 | 0 | 0 |
| Inhalants | -- | -- | -- | -- | 0 | 0 |
| Antidepressants | 39 | 27 | 0 | 24 | 14 | -- |
| Antipsychotics | 13 | 8 | -- | 17 | 7 | 0 |
| Benzodiazepines | 129 | 141 | -- | 24 | 30 | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | 26 | 35 | 0 | 16 | 14 | 0 |
| Opiates/opioids | 228 | 231 | 21 | 31 | 28 | -- |
| Heroin (specified) | 27 | 29 | 8 | 0 | 0 | 0 |
| Methadone | 48 | 52 | 4 | 5 | -- | 0 |
| All other opiates/opioids | 167 | 177 | 9 | 27 | 27 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | -- | 0 |
| Salicylates/combinations | -- | 0 | 0 | 0 | -- | 0 |
| Misc. analgesics/combinations | 20 | 23 | -- | 13 | 10 | -- |
| Anticonvulsants | 10 | 8 | 0 | 4 | -- | 0 |
| Muscle relaxants | 78 | 77 | 0 | 13 | 17 | 0 |

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

Indianapolis-Carmel, IN



Deaths reported to DAWN
 Drug-related 113
 Drug-related suicide 8

Metro area population, 2006
 1,666,032

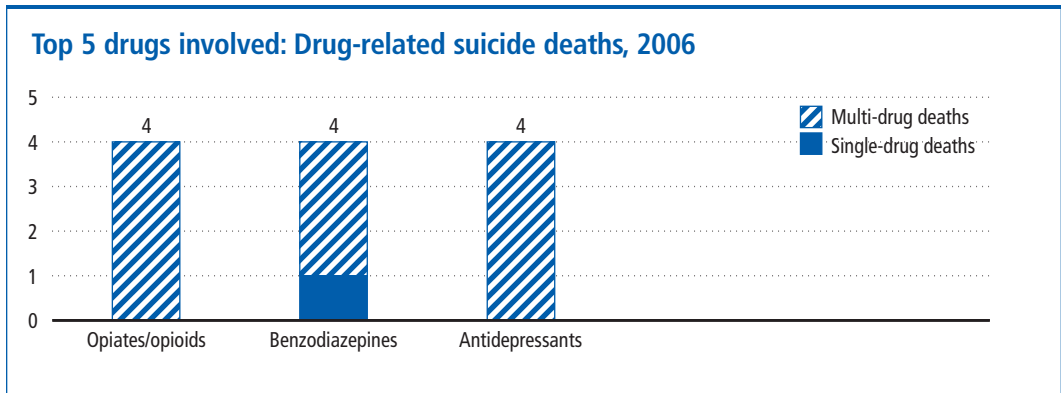
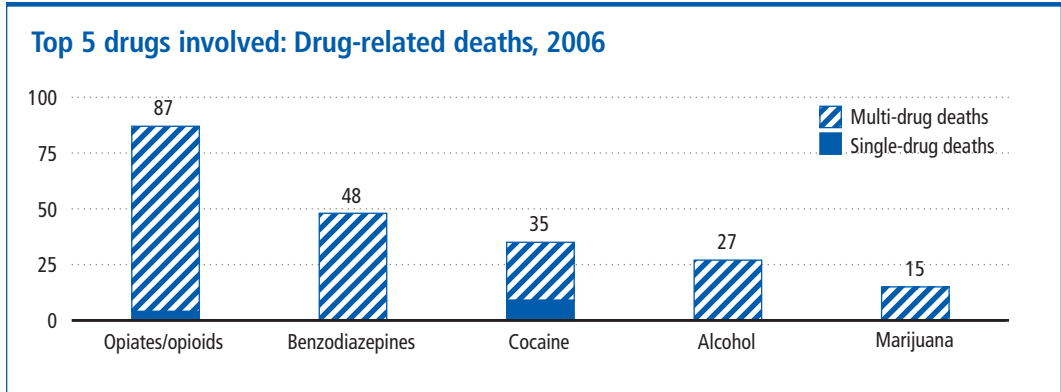
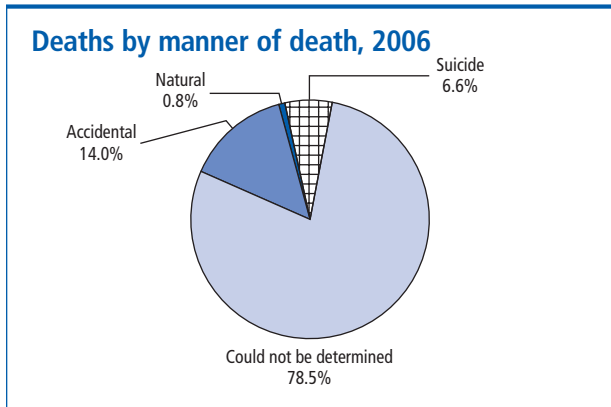
Population covered by DAWN
 998,820

Percent of population covered by DAWN
 60%

Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (2) | 113 | 11.3 | 8 | 0.8 | 998,820 |
| 1. Boone County, IN | | | | | 53,526 |
| 2. Brown County, IN | | | | | 15,071 |
| 3. Hamilton County, IN | | | | | 250,979 |
| 4. Hancock County, IN | | | | | 65,050 |
| 5. Hendricks County, IN | | | | | 131,204 |
| 6. Johnson County, IN | 11 | 8.3 | 1 | 0.8 | 133,316 |
| 7. Marion County, IN | 102 | 11.8 | 7 | 0.8 | 865,504 |
| 8. Morgan County, IN | | | | | 70,290 |
| 9. Putnam County, IN | | | | | 36,978 |
| 10. Shelby County, IN | | | | | 44,114 |

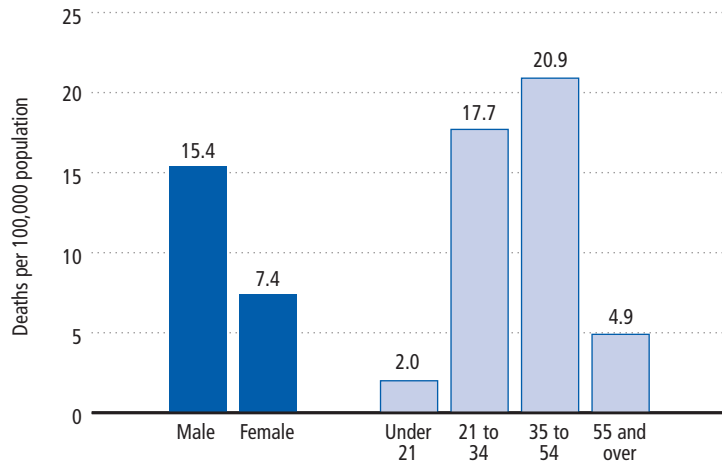
Shaded areas did not participate in DAWN this year.



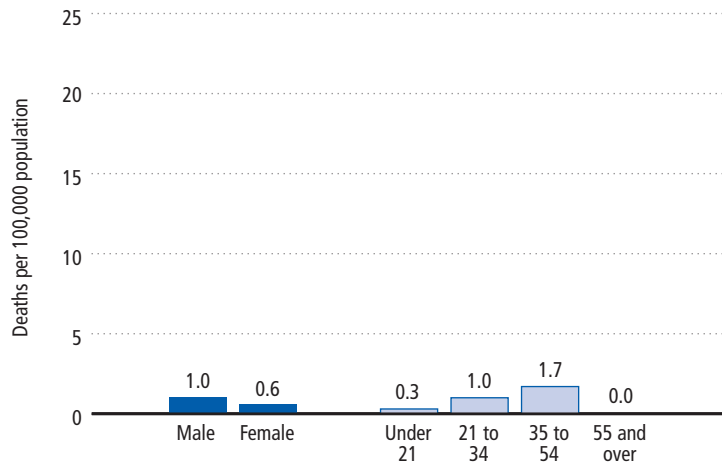
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

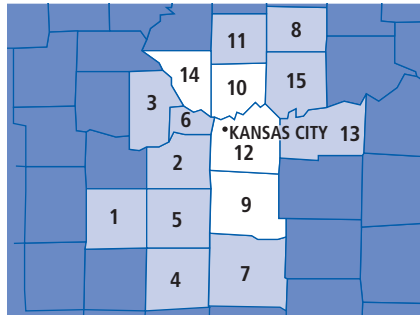
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 22 | Health care facility | -- |
| Home | 60 | Home | 5 |
| Public place | 6 | Public place | -- |
| Other | 25 | Other | 0 |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 67 | 113 | 16 | 12 | 8 | -- |
| Alcohol* | 13 | 27 | 0 | -- | -- | -- |
| Cocaine | 21 | 35 | 9 | 0 | 0 | -- |
| Marijuana | 17 | 15 | 0 | 0 | -- | -- |
| Stimulants | -- | -- | 0 | -- | 0 | -- |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | -- |
| Hallucinogens†† | -- | -- | 0 | 0 | 0 | -- |
| Inhalants | 0 | 0 | 0 | 0 | 0 | -- |
| Antidepressants | 13 | 7 | 0 | 4 | 4 | -- |
| Antipsychotics | 0 | -- | 0 | 0 | -- | -- |
| Benzodiazepines | 31 | 48 | 0 | 5 | 4 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 6 | 5 | 0 | -- | -- | -- |
| Opiates/opioids | 56 | 87 | 4 | 5 | 4 | -- |
| Heroin (specified) | 4 | 10 | 0 | 0 | 0 | -- |
| Methadone | 15 | 27 | -- | 0 | 0 | -- |
| All other opiates/opioids | 46 | 73 | -- | 5 | 4 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | -- | 0 | -- |
| Salicylates/combinations | -- | -- | 0 | 0 | 0 | -- |
| Misc. analgesics/combinations | 16 | 9 | -- | 5 | -- | -- |
| Anticonvulsants | -- | 0 | 0 | -- | -- | -- |
| Muscle relaxants | 4 | -- | 0 | -- | 0 | -- |

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

Kansas City, MO-KS



Deaths reported to DAWN
 Drug-related 87
 Drug-related suicide 23

Metro area population, 2006
 1,967,405

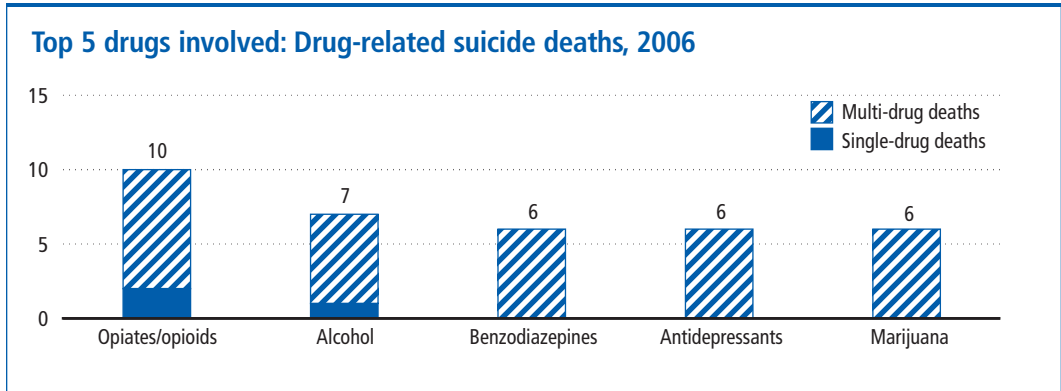
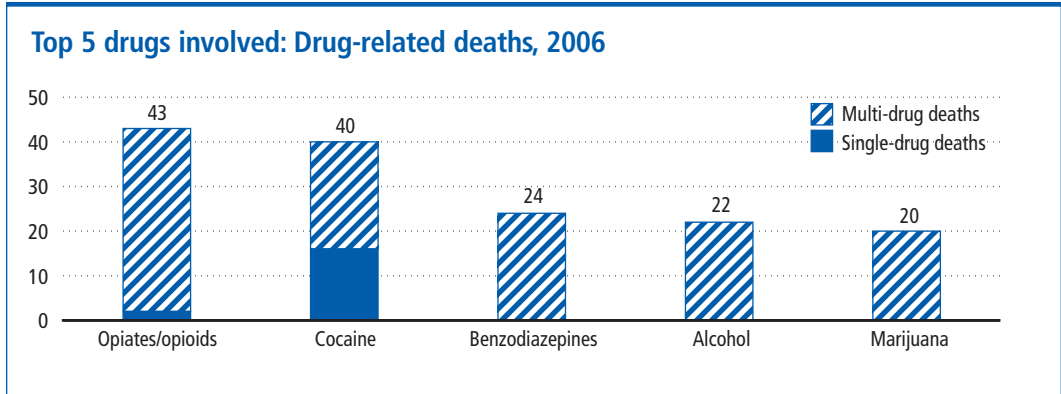
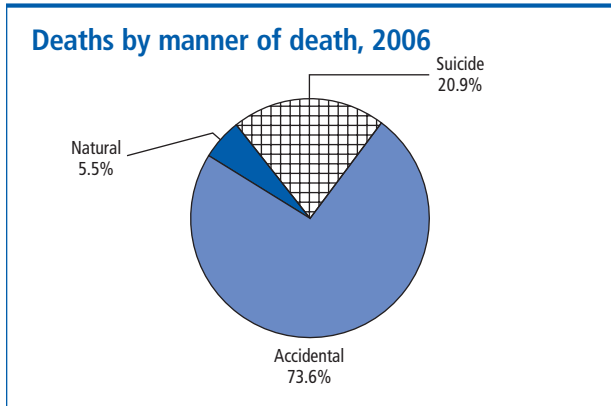
Population covered by DAWN
 1,049,877

Percent of population covered by DAWN
 53%

Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (4) | 87 | 8.3 | 23 | 2.2 | 1,049,877 |
| 1. Franklin County, KS | | | | | 26,513 |
| 2. Johnson County, KS | | | | | 516,731 |
| 3. Leavenworth County, KS | | | | | 73,628 |
| 4. Linn County, KS | | | | | 9,962 |
| 5. Miami County, KS | | | | | 30,900 |
| 6. Wyandotte County, KS | | | | | 155,509 |
| 7. Bates County, MO | | | | | 17,116 |
| 8. Caldwell County, MO | | | | | 9,313 |
| 9. Cass County, MO | 3 | 3.1 | 2 | 2.1 | 95,781 |
| 10. Clay County, MO | 12 | 5.8 | 4 | 1.9 | 206,957 |
| 11. Clinton County, MO | | | | | 20,671 |
| 12. Jackson County, MO | 68 | 10.2 | 17 | 2.6 | 664,078 |
| 13. Lafayette County, MO | | | | | 33,186 |
| 14. Platte County, MO | 4 | 4.8 | 0 | 0.0 | 83,061 |
| 15. Ray County, MO | | | | | 23,999 |

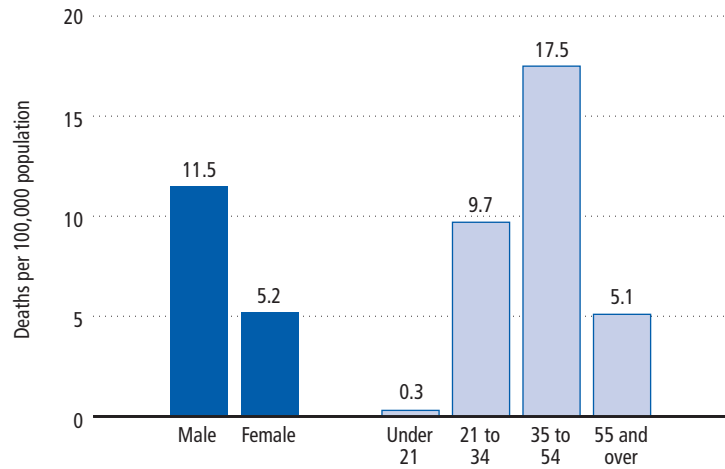
Shaded areas did not participate in DAWN this year.



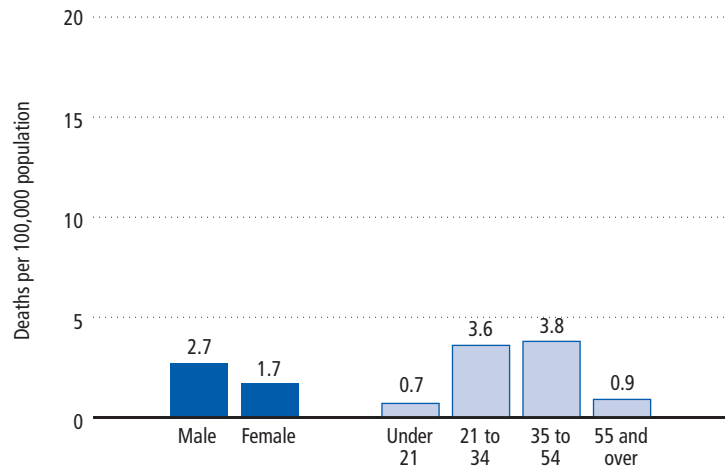
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 6 | Health care facility | -- |
| Home | 57 | Home | 18 |
| Public place | 0 | Public place | 0 |
| Other | 24 | Other | 4 |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 94 | 87 | 22 | 20 | 23 | 8 |
| Alcohol* | 31 | 22 | 0 | 10 | 7 | -- |
| Cocaine | 29 | 40 | 16 | -- | -- | 0 |
| Marijuana | 24 | 20 | 0 | -- | 6 | 0 |
| Stimulants | 10 | 4 | 0 | -- | -- | -- |
| Club drugs† | -- | 0 | 0 | 0 | 0 | 0 |
| Hallucinogens†† | 0 | -- | 0 | 0 | 0 | 0 |
| Inhalants | -- | -- | -- | -- | 0 | 0 |
| Antidepressants | 16 | 16 | -- | 6 | 6 | 0 |
| Antipsychotics | -- | 0 | 0 | -- | -- | -- |
| Benzodiazepines | 21 | 24 | 0 | 6 | 6 | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | 9 | 13 | 0 | 4 | -- | -- |
| Opiates/opioids | 40 | 43 | -- | 7 | 10 | -- |
| Heroin (specified) | 0 | 0 | 0 | 0 | 0 | 0 |
| Methadone | 20 | 13 | -- | 0 | -- | 0 |
| All other opiates/opioids | 24 | 32 | -- | 7 | 8 | -- |
| Nonsteroidal anti-inflammatory agents | -- | -- | 0 | 0 | 0 | 0 |
| Salicylates/combinations | -- | 0 | 0 | -- | 0 | 0 |
| Misc. analgesics/combinations | 6 | 7 | -- | -- | 4 | 0 |
| Anticonvulsants | -- | -- | 0 | -- | -- | 0 |
| Muscle relaxants | 4 | 4 | 0 | 0 | 0 | 0 |

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

Los Angeles-Long Beach-Santa Ana, CA

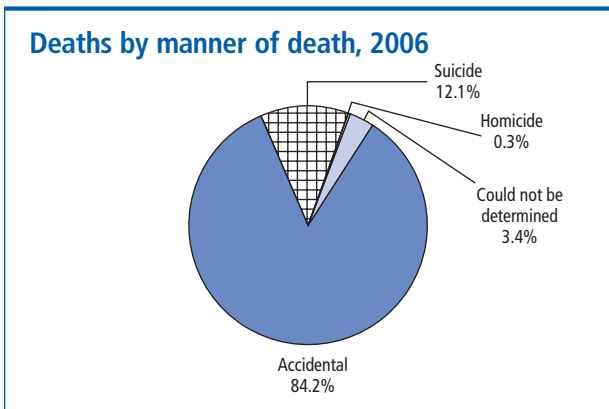


Deaths reported to DAWN
 Drug-related 1,270
 Drug-related suicide 175

Metro area population, 2006
 12,950,129

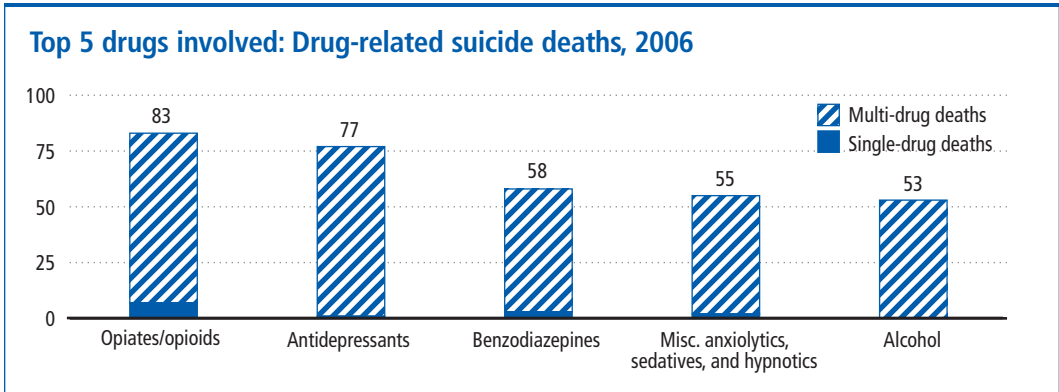
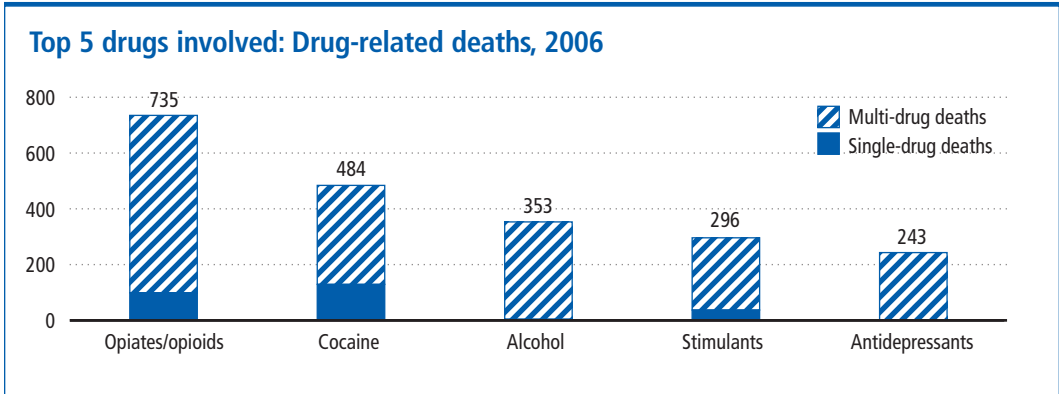
Population covered by DAWN
 12,950,129

Percent of population covered by DAWN
 100%



Metro area overview: Deaths and population by county, 2006

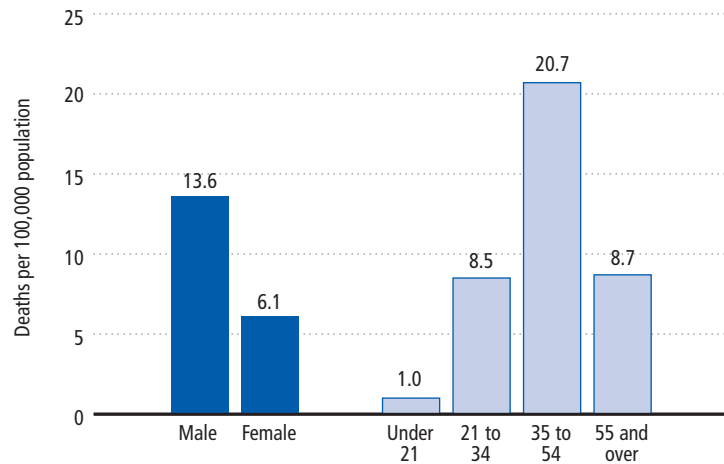
| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|------------|----------------------|------------|-------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (2) | 1,270 | 9.8 | 175 | 1.4 | 12,950,129 |
| 1. Los Angeles County, CA | 1,083 | 10.9 | 111 | 1.1 | 9,948,081 |
| 2. Orange County, CA | 187 | 6.2 | 64 | 2.1 | 3,002,048 |



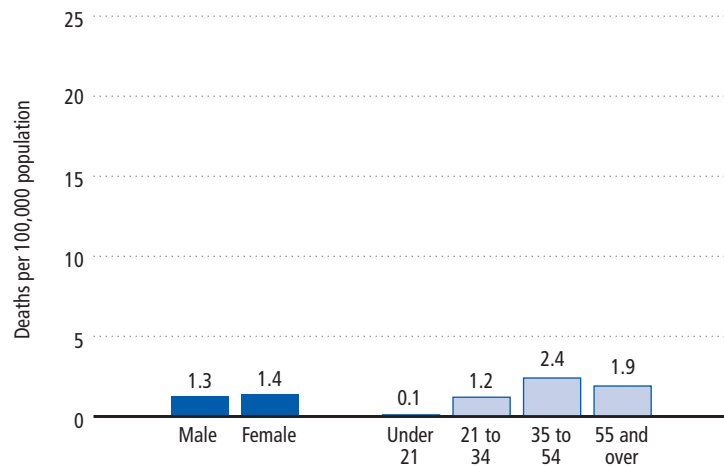
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

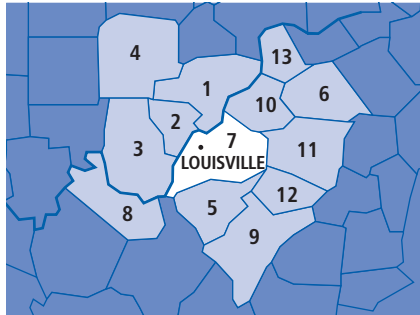
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 421 | Health care facility | 29 |
| Home | 469 | Home | 96 |
| Public place | 170 | Public place | 18 |
| Other | 206 | Other | 32 |
| Not documented | 4 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | | 1,270 | 299 | | 175 | 26 |
| Alcohol* | | 353 | 4 | | 53 | 0 |
| Cocaine | | 484 | 129 | | 21 | -- |
| Marijuana | | 92 | 18 | | -- | 0 |
| Stimulants | | 296 | 37 | | 13 | 0 |
| Club drugs† | | 15 | 0 | | 0 | 0 |
| Hallucinogens†† | | 17 | -- | | 0 | 0 |
| Inhalants | | 4 | -- | | -- | -- |
| Antidepressants | | 243 | -- | | 77 | -- |
| Antipsychotics | | 71 | -- | | 33 | 4 |
| Benzodiazepines | | 186 | 0 | | 58 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | | 177 | 4 | | 55 | -- |
| Opiates/opioids | | 735 | 99 | | 83 | 7 |
| Heroin (specified) | | 238 | 53 | | 4 | -- |
| Methadone | | 102 | 8 | | 5 | 0 |
| All other opiates/opioids | | 485 | 38 | | 78 | 6 |
| Nonsteroidal anti-inflammatory agents | | 6 | 0 | | 5 | 0 |
| Salicylates/combinations | | -- | 0 | | 5 | 0 |
| Misc. analgesics/combinations | | 43 | 0 | | 20 | 0 |
| Anticonvulsants | | 29 | 0 | | 16 | 0 |
| Muscle relaxants | | 63 | 0 | | 16 | 0 |

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

Louisville-Jefferson County, KY-IN

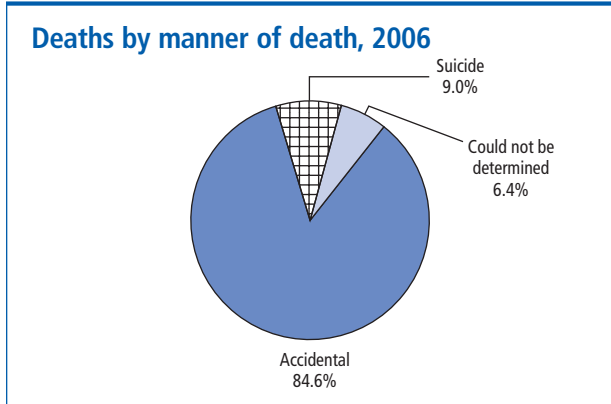


Deaths reported to DAWN
 Drug-related 71
 Drug-related suicide 7

Metro area population, 2006
 1,222,216

Population covered by DAWN
 701,500

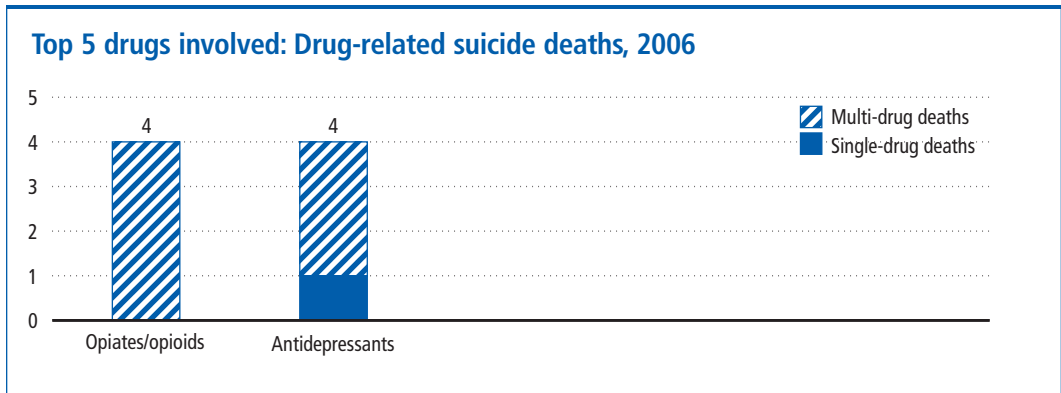
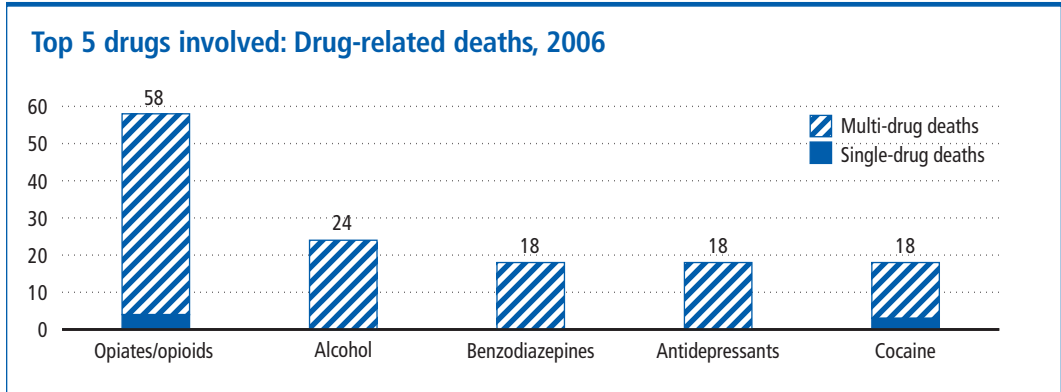
Percent of population covered by DAWN
 57%



Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (1) | 71 | 10.1 | 7 | 1.0 | 701,500 |
| 1. Clark County, IN | | | | | 103,569 |
| 2. Floyd County, IN | | | | | 72,570 |
| 3. Harrison County, IN | | | | | 36,992 |
| 4. Washington County, IN | | | | | 28,062 |
| 5. Bullitt County, KY | | | | | 72,851 |
| 6. Henry County, KY | | | | | 16,025 |
| 7. Jefferson County, KY | 71 | 10.1 | 7 | 1.0 | 701,500 |
| 8. Meade County, KY | | | | | 27,994 |
| 9. Nelson County, KY | | | | | 42,102 |
| 10. Oldham County, KY | | | | | 55,285 |
| 11. Shelby County, KY | | | | | 39,717 |
| 12. Spencer County, KY | | | | | 16,475 |
| 13. Trimble County, KY | | | | | 9,074 |

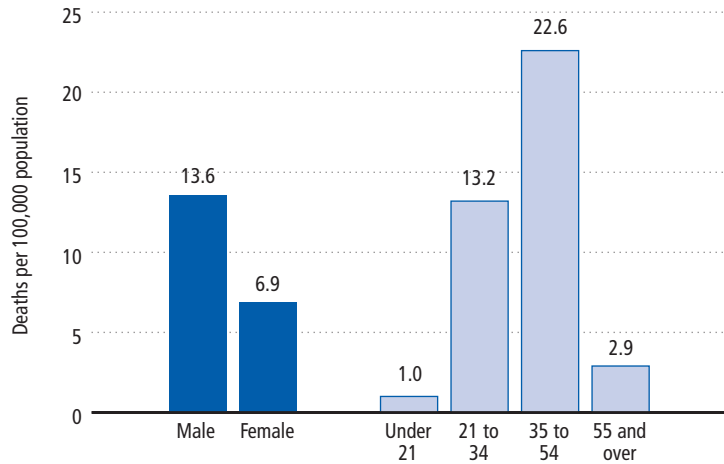
Shaded areas did not participate in DAWN this year.



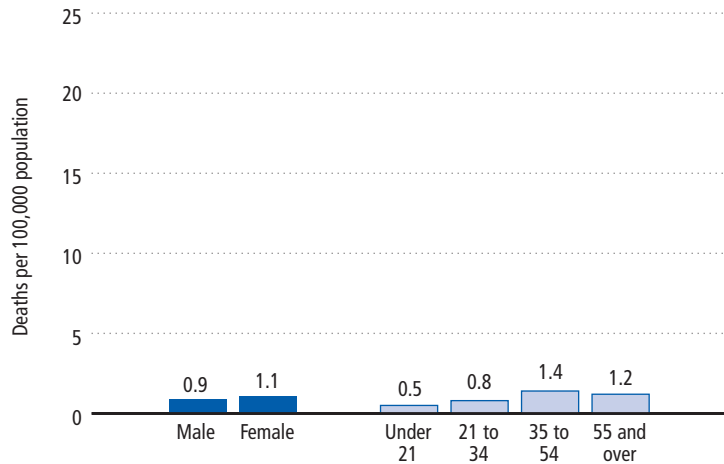
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 15 | Health care facility | -- |
| Home | 41 | Home | 5 |
| Public place | 7 | Public place | 0 |
| Other | 8 | Other | 0 |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 76 | 71 | 8 | 9 | 7 | -- |
| Alcohol* | 15 | 24 | 0 | -- | -- | -- |
| Cocaine | 20 | 18 | -- | 0 | 0 | -- |
| Marijuana | 0 | 0 | 0 | 0 | 0 | -- |
| Stimulants | -- | -- | 0 | 0 | 0 | -- |
| Club drugs† | -- | 0 | 0 | 0 | 0 | -- |
| Hallucinogens†† | 0 | 0 | 0 | 0 | 0 | -- |
| Inhalants | 0 | -- | 0 | 0 | 0 | -- |
| Antidepressants | 25 | 18 | 0 | 6 | 4 | -- |
| Antipsychotics | 8 | 4 | -- | -- | 0 | -- |
| Benzodiazepines | 17 | 18 | 0 | -- | -- | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 10 | 12 | 0 | 4 | -- | -- |
| Opiates/opioids | 54 | 58 | 4 | 4 | 4 | -- |
| Heroin (specified) | 0 | 0 | 0 | 0 | 0 | -- |
| Methadone | 31 | 28 | -- | -- | 0 | -- |
| All other opiates/opioids | 33 | 38 | -- | -- | 4 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | -- |
| Salicylates/combinations | 0 | 0 | 0 | 0 | -- | -- |
| Misc. analgesics/combinations | -- | 12 | 0 | 0 | -- | -- |
| Anticonvulsants | -- | 0 | 0 | 0 | 0 | -- |
| Muscle relaxants | 0 | -- | 0 | 0 | -- | -- |

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

Manchester-Nashua, NH



Deaths reported to DAWN
 Drug-related 33
 Drug-related suicide 4

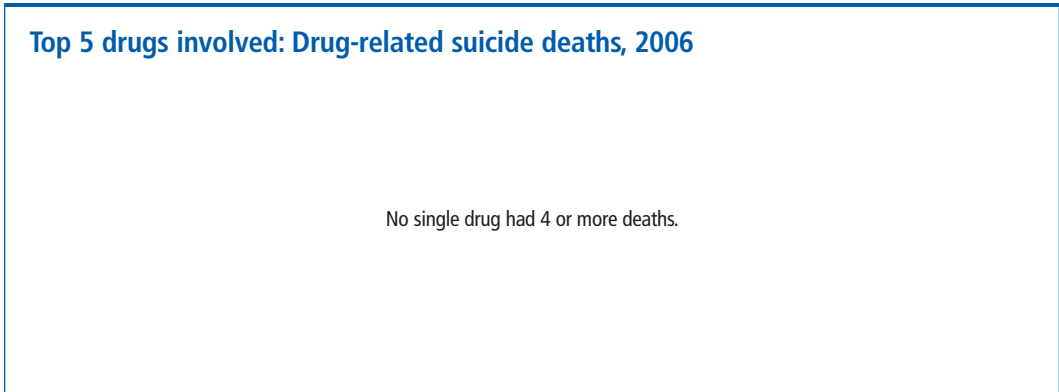
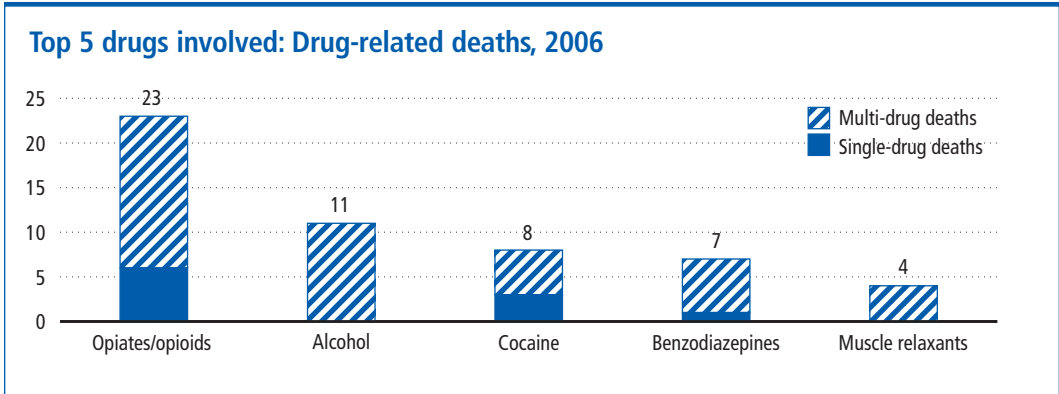
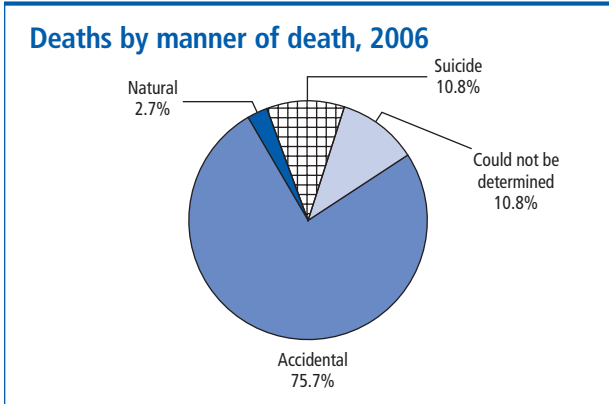
Metro area population, 2006
 402,789

Population covered by DAWN
 402,789

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2006

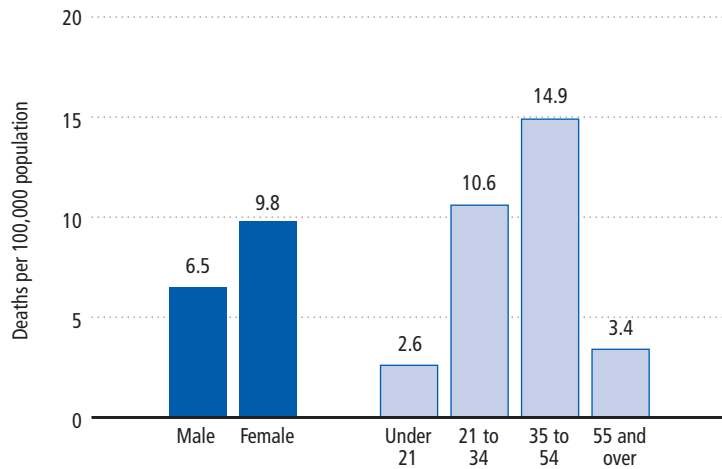
| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (1) | 33 | 8.2 | 4 | 1.0 | 402,789 |
| 1. Hillsborough County, NH | 33 | 8.2 | 4 | 1.0 | 402,789 |



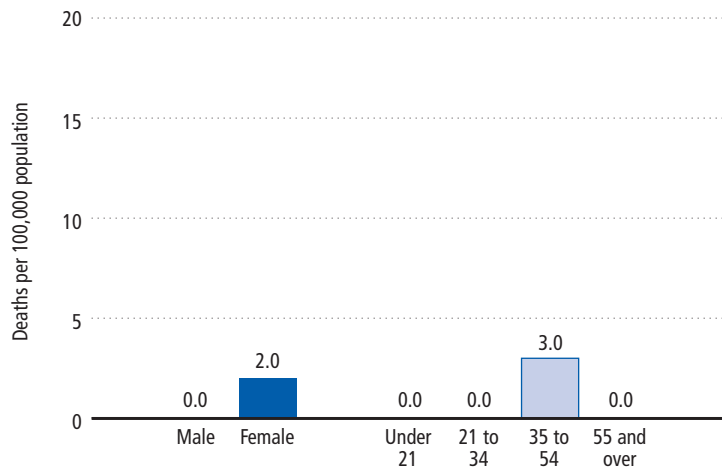
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

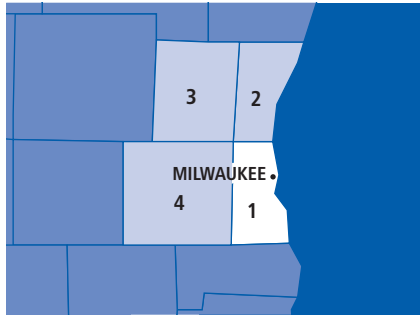
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 11 | Health care facility | 0 |
| Home | 20 | Home | -- |
| Public place | -- | Public place | -- |
| Other | -- | Other | 0 |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | | 33 | 11 | | 4 | -- |
| Alcohol* | | 11 | 0 | | -- | -- |
| Cocaine | | 8 | -- | | 0 | -- |
| Marijuana | | 0 | 0 | | 0 | -- |
| Stimulants | | 0 | 0 | | 0 | -- |
| Club drugs† | | 0 | 0 | | 0 | -- |
| Hallucinogens†† | | 0 | 0 | | 0 | -- |
| Inhalants | | 0 | 0 | | 0 | -- |
| Antidepressants | | 4 | 0 | | -- | -- |
| Antipsychotics | | -- | -- | | -- | -- |
| Benzodiazepines | | 7 | -- | | -- | -- |
| Misc. anxiolytics, sedatives, and hypnotics | | -- | 0 | | -- | -- |
| Opiates/opioids | | 23 | 6 | | -- | -- |
| Heroin (specified) | | -- | -- | | 0 | -- |
| Methadone | | 8 | -- | | 0 | -- |
| All other opiates/opioids | | 15 | -- | | -- | -- |
| Nonsteroidal anti-inflammatory agents | | 0 | 0 | | 0 | -- |
| Salicylates/combinations | | 0 | 0 | | 0 | -- |
| Misc. analgesics/combinations | | 0 | 0 | | -- | -- |
| Anticonvulsants | | 0 | 0 | | 0 | -- |
| Muscle relaxants | | 4 | 0 | | -- | -- |

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

Milwaukee-Waukesha-West Allis, WI



Deaths reported to DAWN
 Drug-related 179
 Drug-related suicide 11

Metro area population, 2006
 1,509,981

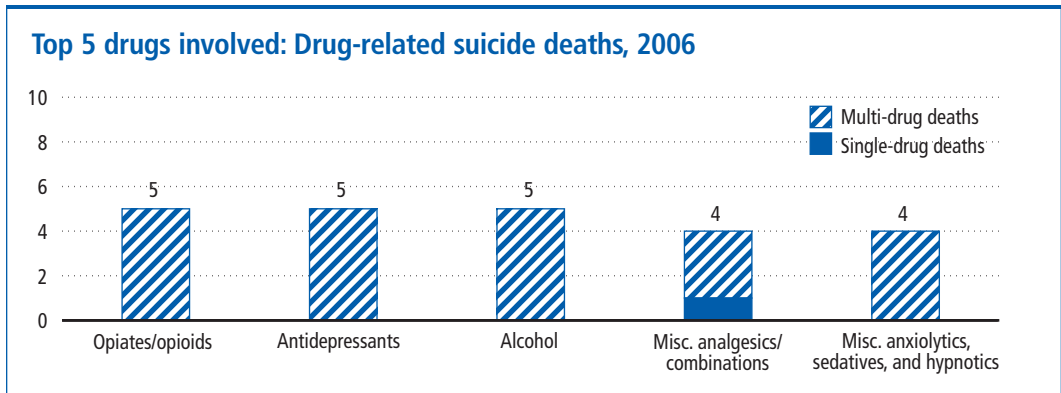
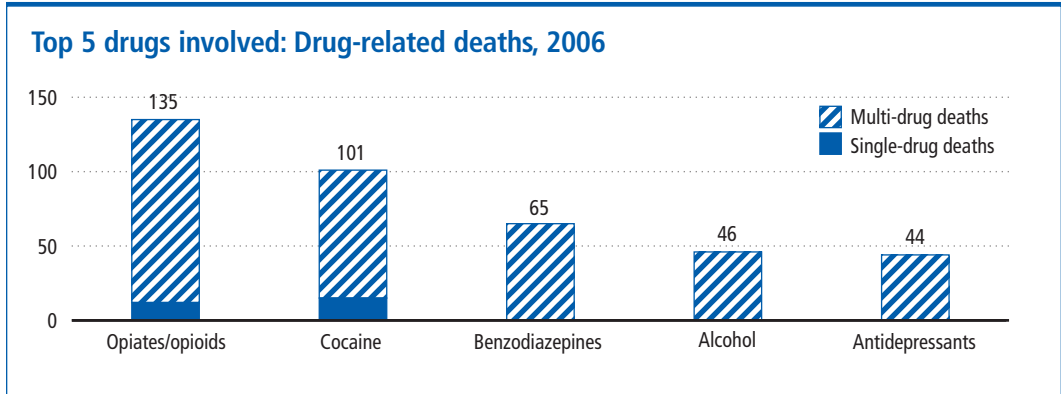
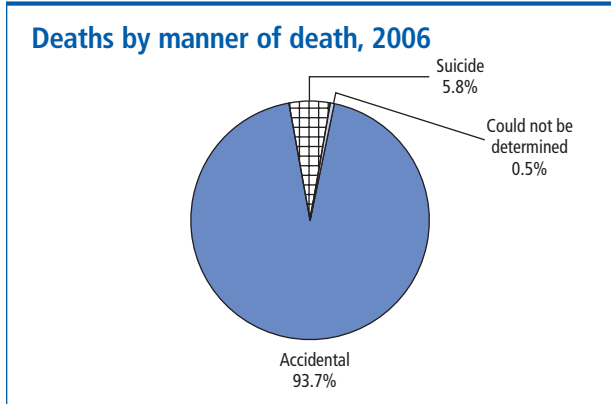
Population covered by DAWN
 915,097

Percent of population covered
 by DAWN
 61%

Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (1) | 179 | 19.6 | 11 | 1.2 | 915,097 |
| 1. Milwaukee County, WI | 179 | 19.6 | 11 | 1.2 | 915,097 |
| 2. Ozaukee County, WI | | | | | 86,321 |
| 3. Washington County, WI | | | | | 127,578 |
| 4. Waukesha County, WI | | | | | 380,985 |

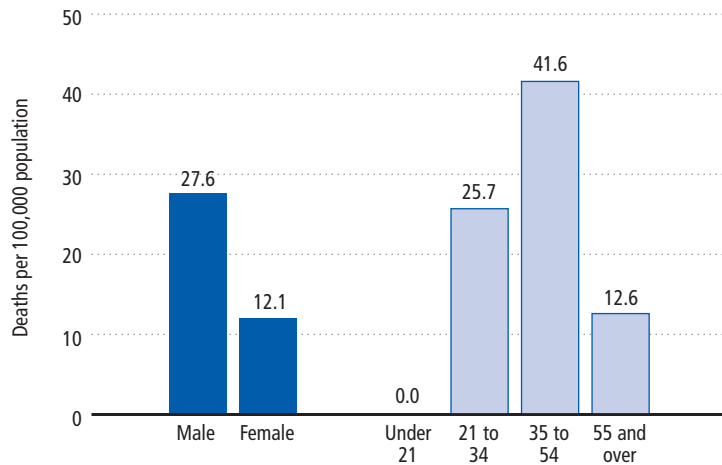
Shaded areas did not participate in DAWN this year.



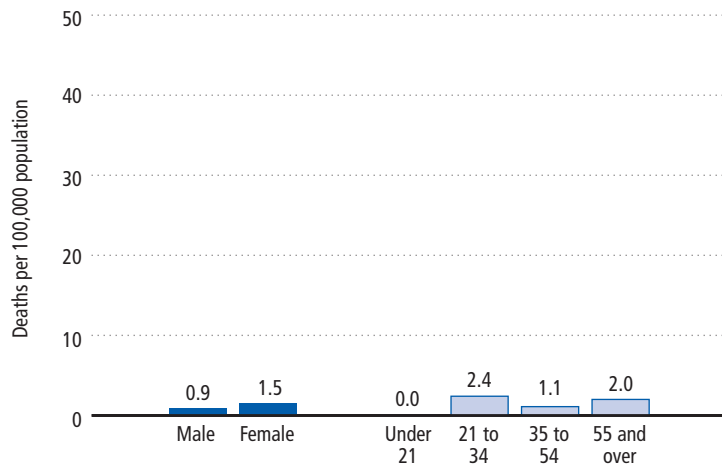
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

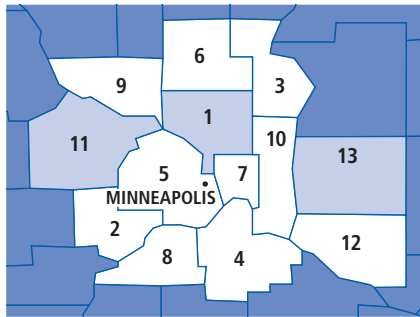
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 38 | Health care facility | -- |
| Home | 117 | Home | 10 |
| Public place | 6 | Public place | 0 |
| Other | 18 | Other | 0 |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 164 | 179 | 28 | 17 | 11 | -- |
| Alcohol* | 40 | 46 | 0 | 5 | 5 | -- |
| Cocaine | 75 | 101 | 15 | -- | -- | -- |
| Marijuana | 11 | 8 | 0 | -- | 0 | -- |
| Stimulants | 0 | 0 | 0 | 0 | 0 | -- |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | -- |
| Hallucinogens†† | 0 | 0 | 0 | 0 | 0 | -- |
| Inhalants | 0 | 0 | 0 | 0 | 0 | -- |
| Antidepressants | 50 | 44 | 0 | 11 | 5 | -- |
| Antipsychotics | 9 | 12 | -- | -- | 0 | -- |
| Benzodiazepines | 53 | 65 | 0 | 10 | 4 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 29 | 28 | 0 | 9 | 4 | -- |
| Opiates/opioids | 105 | 135 | 12 | 7 | 5 | -- |
| Heroin (specified) | 20 | 18 | 0 | 0 | 0 | -- |
| Methadone | 23 | 51 | 7 | -- | 0 | -- |
| All other opiates/opioids | 85 | 97 | 5 | 7 | 5 | -- |
| Nonsteroidal anti-inflammatory agents | -- | 0 | 0 | -- | 0 | -- |
| Salicylates/combinations | -- | -- | 0 | -- | 0 | -- |
| Misc. analgesics/combinations | 11 | -- | 0 | -- | 4 | -- |
| Anticonvulsants | 21 | 18 | 0 | 4 | 0 | -- |
| Muscle relaxants | 8 | 13 | 0 | 4 | -- | -- |

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

Minneapolis-St. Paul-Bloomington, MN-WI

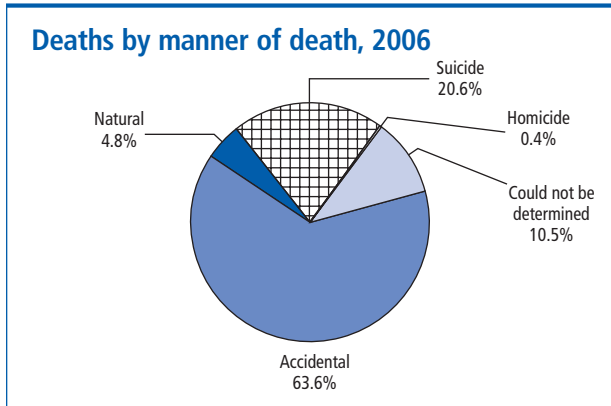


Deaths reported to DAWN
 Drug-related 181
 Drug-related suicide 47

Metro area population, 2006
 3,175,041

Population covered by DAWN
 2,653,234

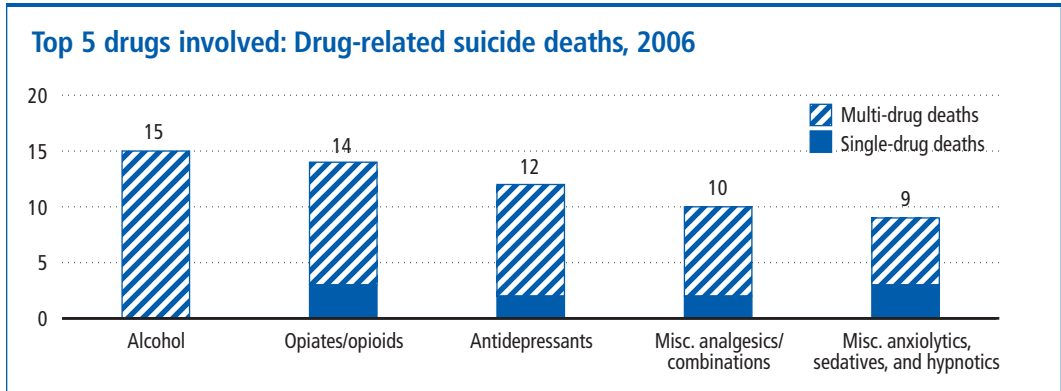
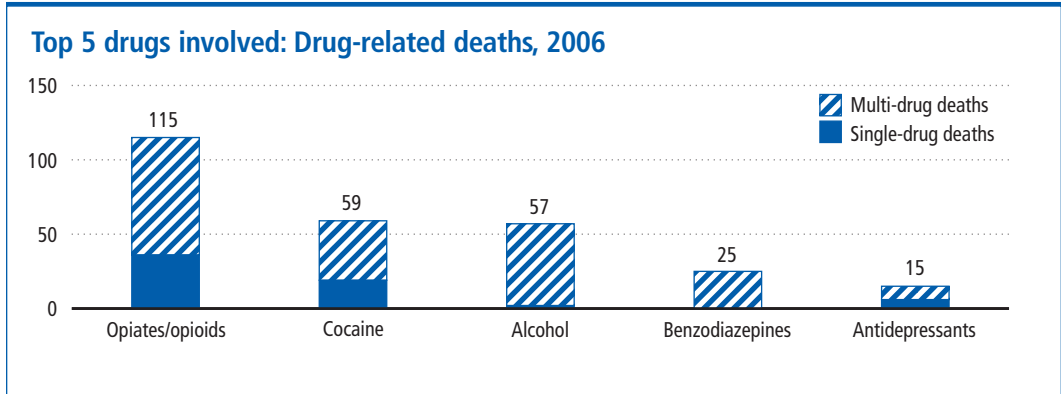
Percent of population covered by DAWN
 84%



Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|---------------------------------|--------------|------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (10) | 181 | 6.8 | 47 | 1.8 | 2,653,234 |
| 1. Anoka County, MN | | | | | 327,005 |
| 2. Carver County, MN | 2 | 2.3 | 0 | 0.0 | 87,545 |
| 3. Chisago County, MN | 2 | 4.0 | 3 | 6.0 | 50,344 |
| 4. Dakota County, MN | 15 | 3.9 | 3 | 0.8 | 388,001 |
| 5. Hennepin County, MN | 95 | 8.5 | 27 | 2.4 | 1,122,093 |
| 6. Isanti County, MN | 0 | 0.0 | 0 | 0.0 | 38,576 |
| 7. Ramsey County, MN | 45 | 9.1 | 12 | 2.4 | 493,215 |
| 8. Scott County, MN | 6 | 4.8 | 0 | 0.0 | 124,092 |
| 9. Sherburne County, MN | 2 | 2.4 | 0 | 0.0 | 84,995 |
| 10. Washington County, MN | 13 | 5.8 | 2 | 0.9 | 225,000 |
| 11. Wright County, MN | | | | | 114,787 |
| 12. Pierce County, WI | 1 | 2.5 | 0 | 0.0 | 39,373 |
| 13. St. Croix County, WI | | | | | 80,015 |

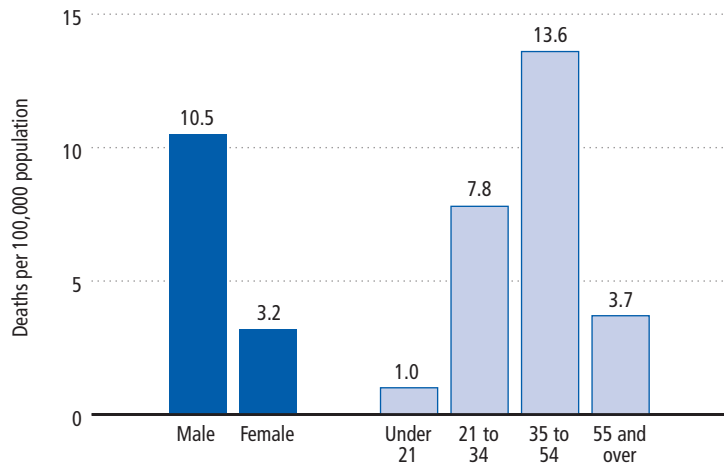
Shaded areas did not participate in DAWN this year.



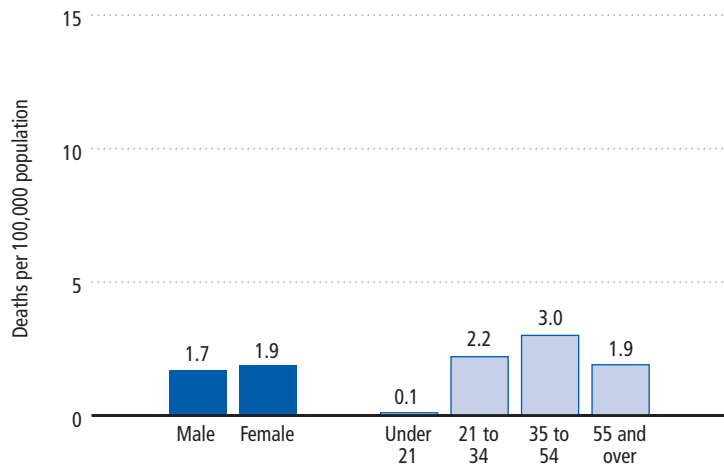
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

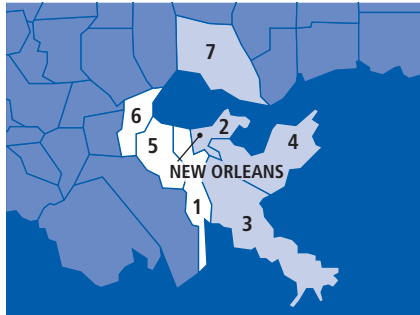
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 29 | Health care facility | 9 |
| Home | 113 | Home | 31 |
| Public place | -- | Public place | -- |
| Other | 34 | Other | 6 |
| Not documented | -- | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | | 181 | 79 | | 47 | 15 |
| Alcohol* | | 57 | -- | | 15 | 0 |
| Cocaine | | 59 | 19 | | 5 | -- |
| Marijuana | | -- | 0 | | -- | 0 |
| Stimulants | | 12 | 7 | | -- | 0 |
| Club drugs† | | -- | -- | | 0 | 0 |
| Hallucinogens†† | | 0 | 0 | | 0 | 0 |
| Inhalants | | 0 | 0 | | 0 | 0 |
| Antidepressants | | 15 | 6 | | 12 | -- |
| Antipsychotics | | -- | 0 | | 8 | -- |
| Benzodiazepines | | 25 | 0 | | 6 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | | 4 | -- | | 9 | -- |
| Opiates/opioids | | 115 | 36 | | 14 | -- |
| Heroin (specified) | | 12 | 0 | | 0 | 0 |
| Methadone | | 37 | 16 | | 4 | -- |
| All other opiates/opioids | | 82 | 20 | | 13 | -- |
| Nonsteroidal anti-inflammatory agents | | -- | 0 | | 0 | 0 |
| Salicylates/combinations | | -- | 0 | | -- | 0 |
| Misc. analgesics/combinations | | 9 | -- | | 10 | -- |
| Anticonvulsants | | 0 | 0 | | -- | 0 |
| Muscle relaxants | | 0 | 0 | | -- | 0 |

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

New Orleans-Metairie-Kenner, LA

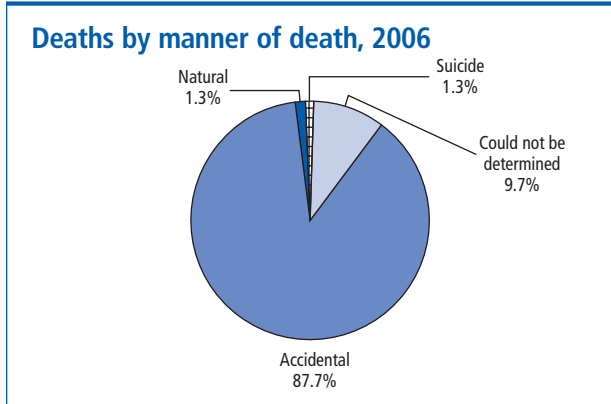


Deaths reported to DAWN
 Drug-related 153
 Drug-related suicide 2

Metro area population, 2006
 1,024,678

Population covered by DAWN
 532,659

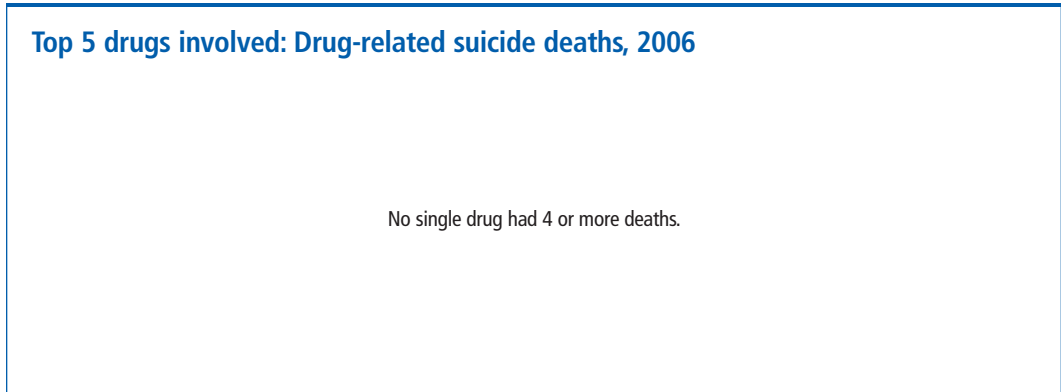
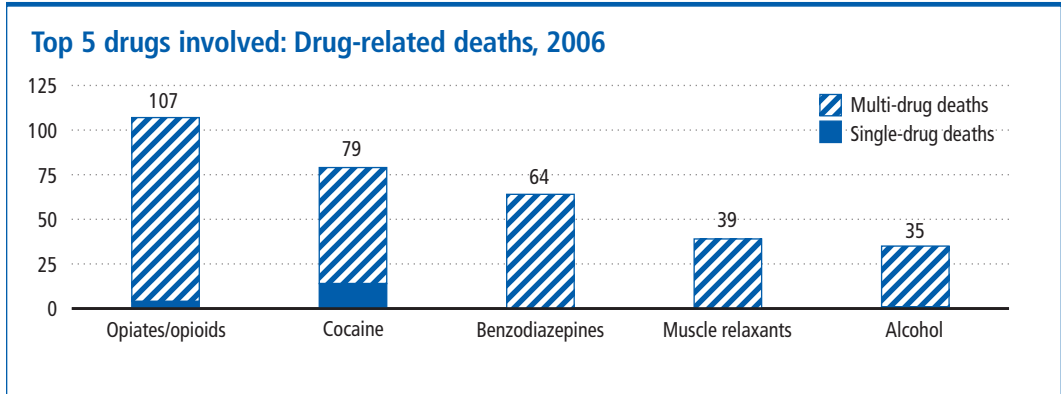
Percent of population covered by DAWN
 52%



Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|------------------------------------|--------------|-------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (3) | 153 | 28.7 | 2 | 0.4 | 532,659 |
| 1. Jefferson Parish, LA | 130 | 30.1 | 2 | 0.5 | 431,361 |
| 2. Orleans Parish, LA | | | | | 223,388 |
| 3. Plaquemines Parish, LA | | | | | 22,512 |
| 4. St. Bernard Parish, LA | | | | | 15,514 |
| 5. St. Charles Parish, LA | 15 | 28.4 | 0 | 0.0 | 52,761 |
| 6. St. John the Baptist Parish, LA | 8 | 16.5 | 0 | 0.0 | 48,537 |
| 7. St. Tammany Parish, LA | | | | | 230,605 |

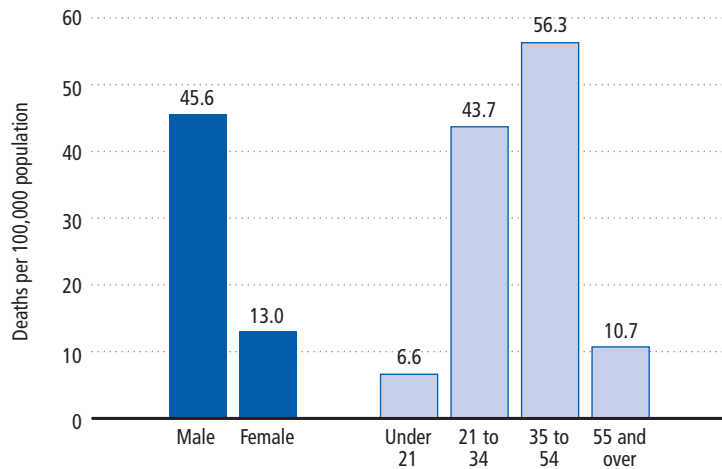
Shaded areas did not participate in DAWN this year.



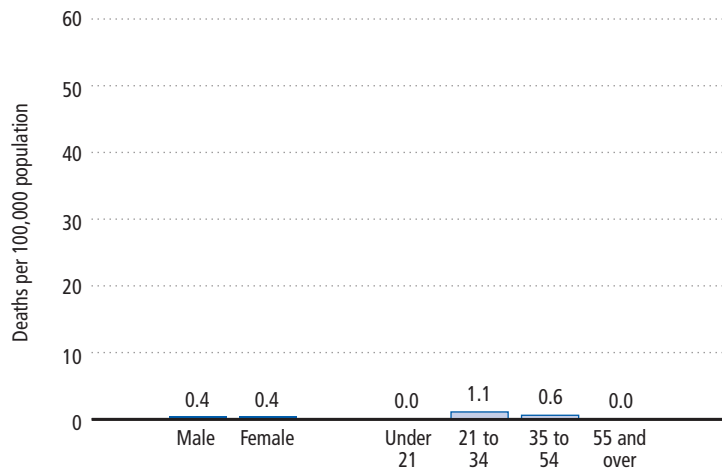
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

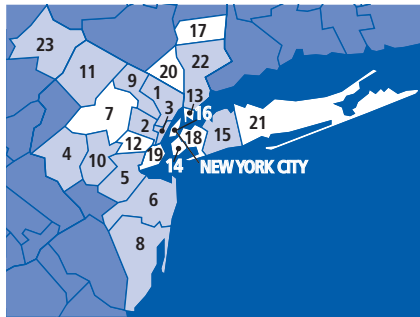
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 29 | Health care facility | 0 |
| Home | 87 | Home | -- |
| Public place | 8 | Public place | 0 |
| Other | 28 | Other | 0 |
| Not documented | -- | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | | 153 | 23 | | -- | 0 |
| Alcohol* | | 35 | -- | | -- | -- |
| Cocaine | | 79 | 14 | | -- | -- |
| Marijuana | | 24 | -- | | -- | -- |
| Stimulants | | 12 | 0 | | -- | -- |
| Club drugs† | | 5 | -- | | -- | -- |
| Hallucinogens†† | | 0 | 0 | | -- | -- |
| Inhalants | | 0 | 0 | | -- | -- |
| Antidepressants | | 12 | -- | | -- | -- |
| Antipsychotics | | -- | 0 | | -- | -- |
| Benzodiazepines | | 64 | 0 | | -- | -- |
| Misc. anxiolytics, sedatives, and hypnotics | | 27 | -- | | -- | -- |
| Opiates/opioids | | 107 | 4 | | -- | -- |
| Heroin (specified) | | 6 | 0 | | -- | -- |
| Methadone | | 49 | -- | | -- | -- |
| All other opiates/opioids | | 81 | -- | | -- | -- |
| Nonsteroidal anti-inflammatory agents | | -- | 0 | | -- | -- |
| Salicylates/combinations | | 0 | 0 | | -- | -- |
| Misc. analgesics/combinations | | 17 | 0 | | -- | -- |
| Anticonvulsants | | -- | 0 | | -- | -- |
| Muscle relaxants | | 39 | 0 | | -- | -- |

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

New York-Northern New Jersey-Long Island, NY-NJ-PA

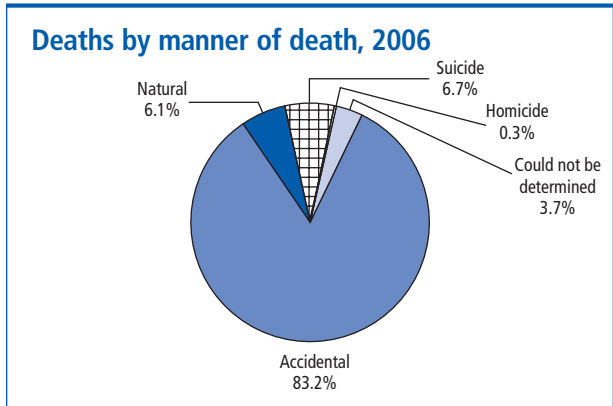


Deaths reported to DAWN
 Drug-related 1,101
 Drug-related suicide 79

Metro area population, 2006
 18,818,536

Population covered by DAWN
 11,103,957

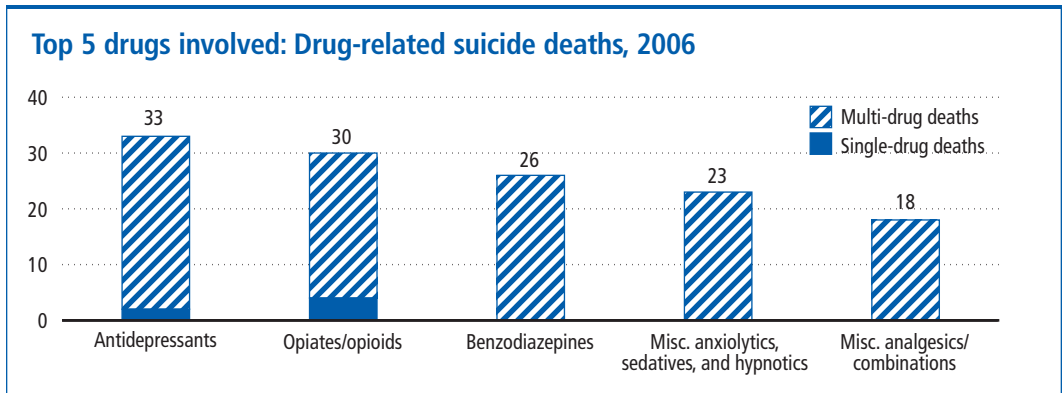
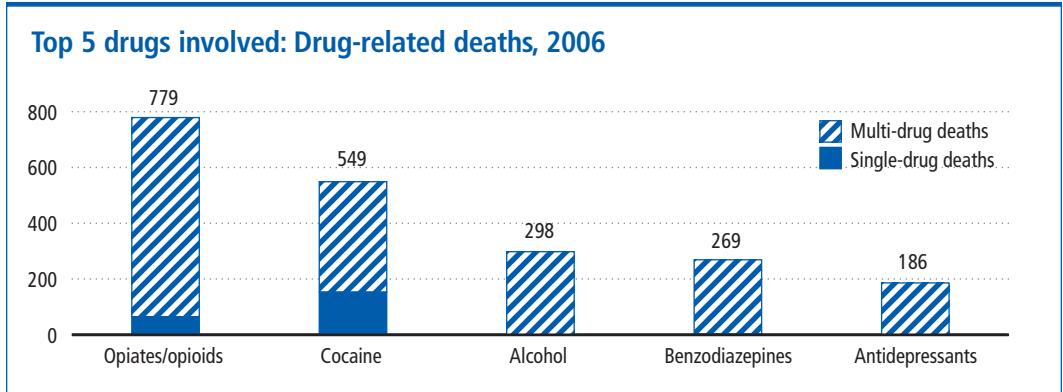
Percent of population covered by DAWN
 59%



Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|---------------------------------|--------------|------------|----------------------|------------|-------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (10) | 1,101 | 9.9 | 79 | 0.7 | 11,103,957 |
| 1. Bergen County, NJ | | | | | 904,037 |
| 2. Essex County, NJ | | | | | 786,147 |
| 3. Hudson County, NJ | | | | | 601,146 |
| 4. Hunterdon County, NJ | | | | | 130,783 |
| 5. Middlesex County, NJ | | | | | 786,971 |
| 6. Monmouth County, NJ | | | | | 635,285 |
| 7. Morris County, NJ | 46 | 9.3 | 8 | 1.6 | 493,160 |
| 8. Ocean County, NJ | | | | | 562,335 |
| 9. Passaic County, NJ | | | | | 497,093 |
| 10. Somerset County, NJ | | | | | 324,186 |
| 11. Sussex County, NJ | | | | | 153,384 |
| 12. Union County, NJ | 60 | 11.3 | 3 | 0.6 | 531,088 |
| 13. Bronx County, NY | 220 | 16.2 | 11 | 0.8 | 1,361,473 |
| 14. Kings County, NY | 192 | 7.7 | 10 | 0.4 | 2,508,820 |
| 15. Nassau County, NY | | | | | 1,325,662 |
| 16. New York County, NY | 218 | 13.5 | 11 | 0.7 | 1,611,581 |
| 17. Putnam County, NY | 10 | 9.9 | 7 | 7.0 | 100,603 |
| 18. Queens County, NY | 128 | 5.7 | 8 | 0.4 | 2,255,175 |
| 19. Richmond County, NY | 45 | 9.4 | 3 | 0.6 | 477,377 |
| 20. Rockland County, NY | 13 | 4.4 | 3 | 1.0 | 294,965 |
| 21. Suffolk County, NY | 169 | 11.5 | 15 | 1.0 | 1,469,715 |
| 22. Westchester County, NY | | | | | 949,355 |
| 23. Pike County, PA | | | | | 58,195 |

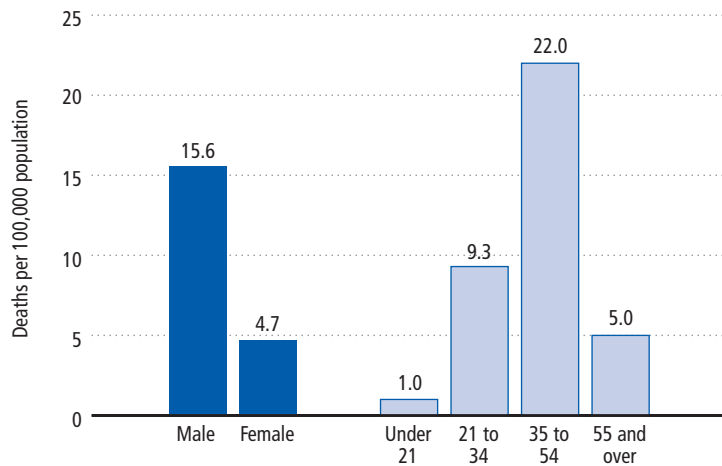
Shaded areas did not participate in DAWN this year.



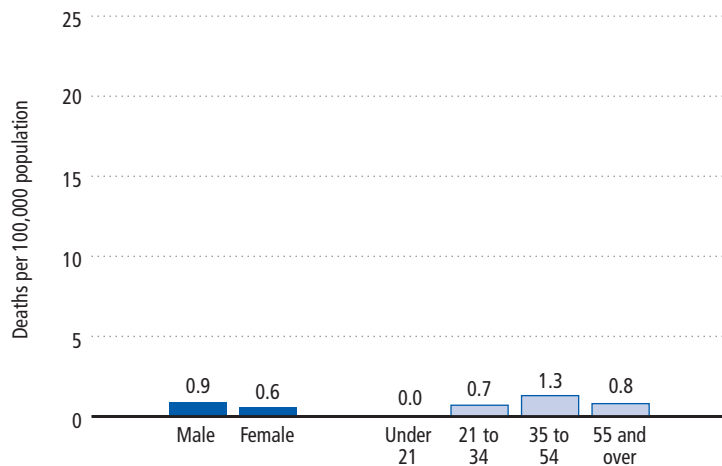
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

| Drug-related | | Drug-related suicide | |
|----------------------|--------|----------------------|--------|
| | Deaths | | Deaths |
| Health care facility | 318 | Health care facility | 12 |
| Home | 623 | Home | 57 |
| Public place | 36 | Public place | 4 |
| Other | 103 | Other | 5 |
| Not documented | 21 | Not documented | -- |

Drug-related deaths by drug category, 2005-2006

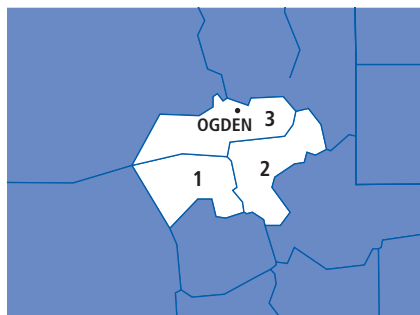
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 963 | 1,101 | 226 | 78 | 79 | 14 |
| Alcohol* | 314 | 298 | 0 | 22 | 18 | 0 |
| Cocaine | 498 | 549 | 153 | 9 | 12 | -- |
| Marijuana | 26 | 43 | 0 | -- | -- | 0 |
| Stimulants | 7 | 14 | 0 | 0 | 0 | 0 |
| Club drugs† | 6 | 8 | -- | -- | 0 | 0 |
| Hallucinogens†† | 5 | 8 | 0 | 0 | 0 | 0 |
| Inhalants | 25 | -- | -- | -- | -- | -- |
| Antidepressants | 216 | 186 | 0 | 34 | 33 | -- |
| Antipsychotics | 81 | 82 | -- | 14 | 16 | -- |
| Benzodiazepines | 207 | 269 | -- | 24 | 26 | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | 156 | 151 | 0 | 22 | 23 | 0 |
| Opiates/opioids | 674 | 779 | 65 | 32 | 30 | 4 |
| Heroin (specified) | 91 | 97 | 13 | 0 | -- | 0 |
| Methadone | 269 | 293 | 33 | 4 | 7 | -- |
| All other opiates/opioids | 456 | 542 | 19 | 30 | 24 | -- |
| Nonsteroidal anti-inflammatory agents | 5 | -- | 0 | -- | -- | 0 |
| Salicylates/combinations | 8 | 5 | 0 | -- | -- | 0 |
| Misc. analgesics/combinations | 82 | 107 | -- | 20 | 18 | 0 |
| Anticonvulsants | 21 | 18 | 0 | -- | 5 | 0 |
| Muscle relaxants | 29 | 34 | 0 | 7 | -- | 0 |

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

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

†† Includes PCP, LSD, and miscellaneous hallucinogens.

Ogden-Clearfield, UT

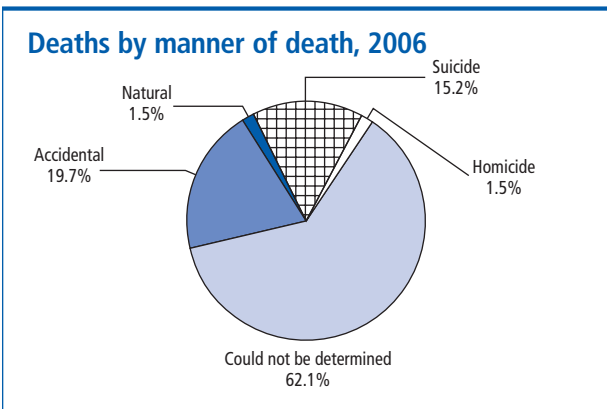


Deaths reported to DAWN
 Drug-related 56
 Drug-related suicide 10

Metro area population, 2006
 497,640

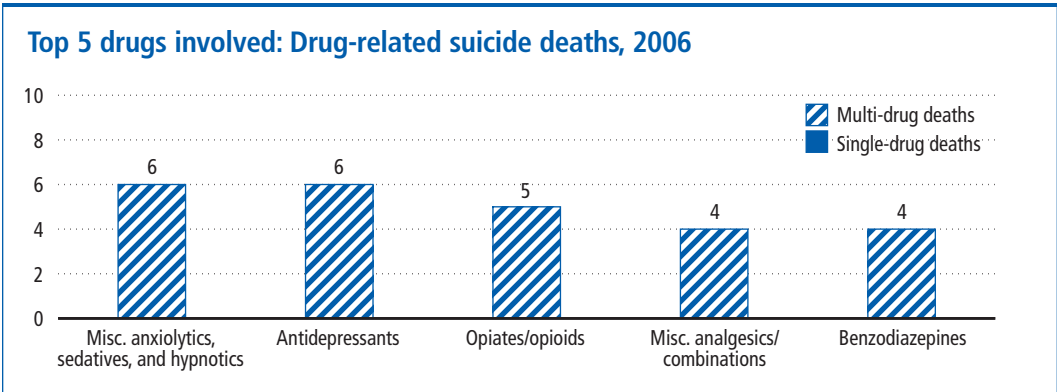
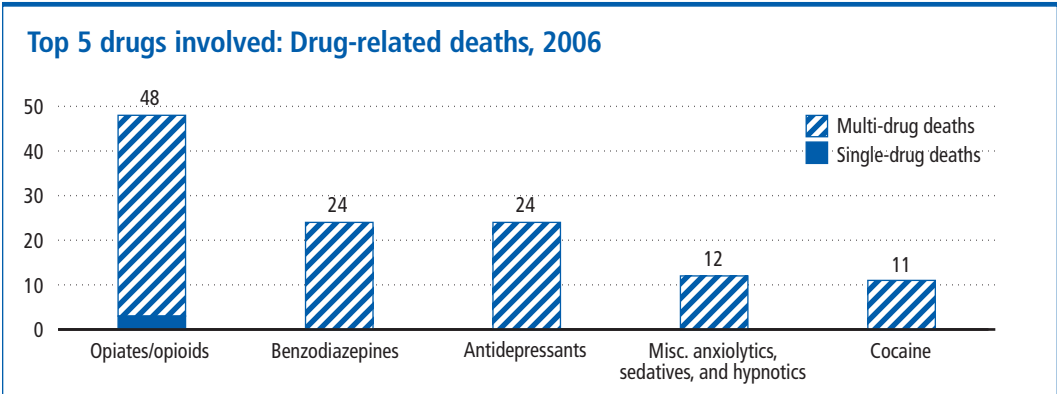
Population covered by DAWN
 497,640

Percent of population covered by DAWN
 100%



Metro area overview: Deaths and population by county, 2006

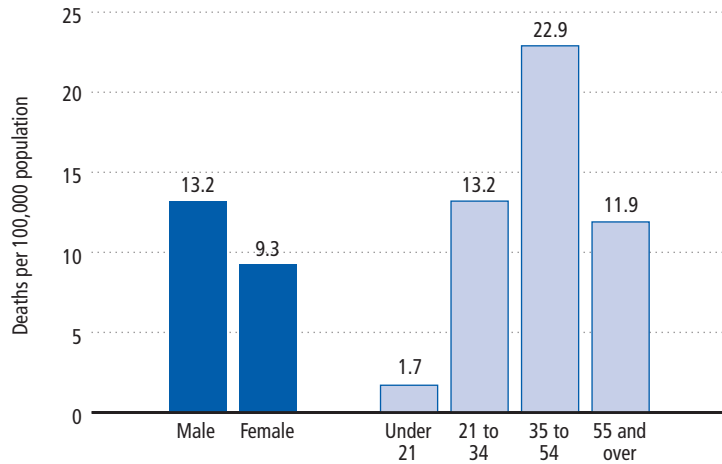
| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (3) | 56 | 11.3 | 10 | 2.0 | 497,640 |
| 1. Davis County, UT | 30 | 10.9 | 3 | 1.1 | 276,259 |
| 2. Morgan County, UT | 1 | 12.3 | 0 | 0.0 | 8,134 |
| 3. Weber County, UT | 25 | 11.7 | 7 | 3.3 | 213,247 |



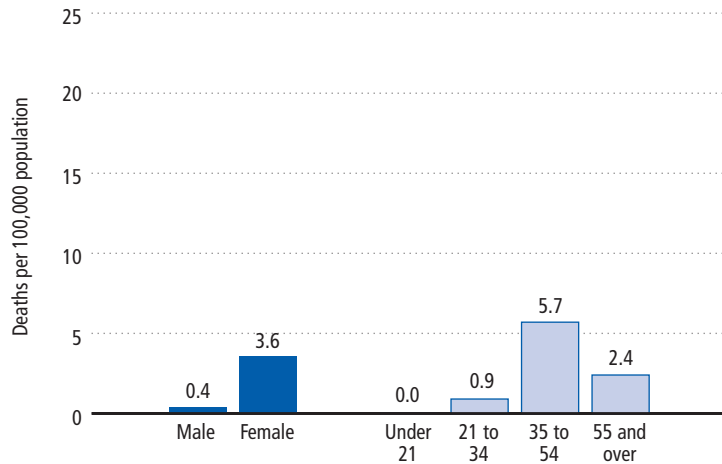
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

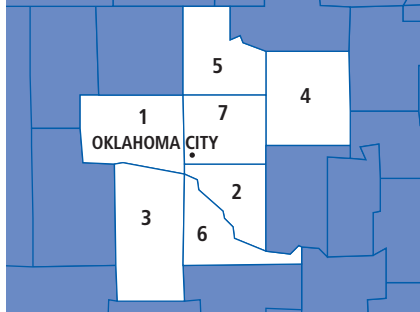
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 16 | Health care facility | -- |
| Home | 33 | Home | 8 |
| Public place | 5 | Public place | 0 |
| Other | -- | Other | 0 |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 57 | 56 | -- | 8 | 10 | 0 |
| Alcohol* | 6 | 10 | -- | -- | 4 | |
| Cocaine | 8 | 11 | -- | 0 | 0 | |
| Marijuana | -- | 7 | -- | 0 | 0 | |
| Stimulants | 11 | 8 | -- | 0 | 0 | |
| Club drugs† | 0 | 0 | -- | 0 | 0 | |
| Hallucinogens†† | 0 | 0 | -- | 0 | 0 | |
| Inhalants | -- | -- | -- | 0 | 0 | |
| Antidepressants | 31 | 24 | -- | 5 | 6 | |
| Antipsychotics | 8 | -- | -- | -- | -- | |
| Benzodiazepines | 23 | 24 | -- | 4 | 4 | |
| Misc. anxiolytics, sedatives, and hypnotics | 24 | 12 | -- | 4 | 6 | |
| Opiates/opioids | 51 | 48 | -- | -- | 5 | |
| Heroin (specified) | -- | 4 | -- | 0 | 0 | |
| Methadone | 18 | 14 | -- | -- | 0 | |
| All other opiates/opioids | 38 | 40 | -- | -- | 5 | |
| Nonsteroidal anti-inflammatory agents | 0 | -- | -- | -- | 0 | |
| Salicylates/combinations | 0 | 0 | -- | 0 | -- | |
| Misc. analgesics/combinations | 5 | 4 | -- | -- | 4 | |
| Anticonvulsants | 8 | 6 | -- | -- | -- | |
| Muscle relaxants | 13 | 7 | -- | -- | -- | |

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

Oklahoma City, OK



Deaths reported to DAWN
 Drug-related 86
 Drug-related suicide 16

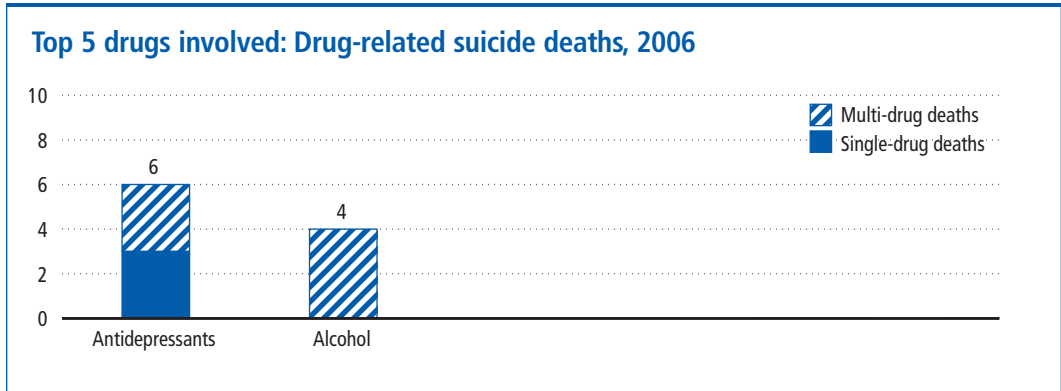
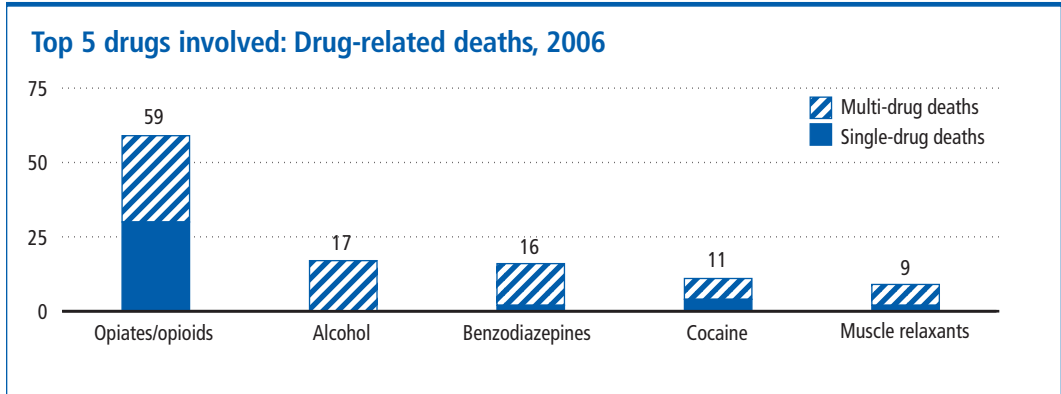
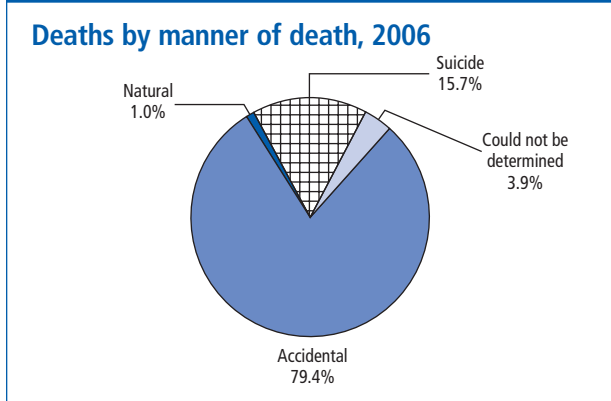
Metro area population, 2006
 1,172,339

Population covered by DAWN
 1,172,339

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2006

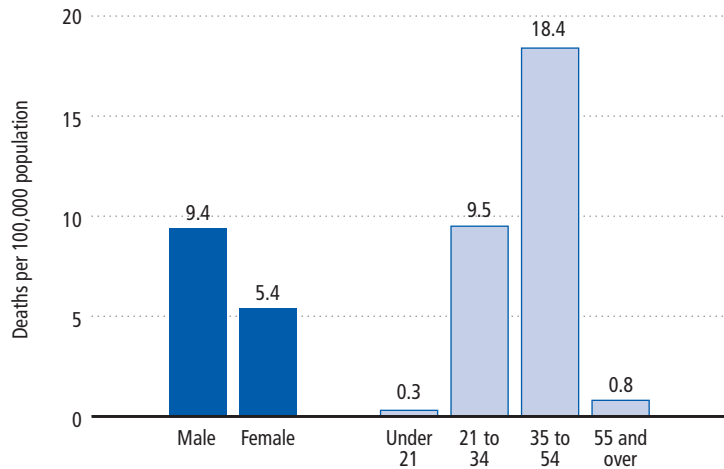
| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (7) | 86 | 7.3 | 16 | 1.4 | 1,172,339 |
| 1. Canadian County, OK | 1 | 1.0 | 1 | 1.0 | 101,335 |
| 2. Cleveland County, OK | 10 | 4.4 | 4 | 1.7 | 228,594 |
| 3. Grady County, OK | 2 | 4.0 | 0 | 0.0 | 50,490 |
| 4. Lincoln County, OK | 5 | 15.3 | 0 | 0.0 | 32,645 |
| 5. Logan County, OK | 1 | 2.7 | 0 | 0.0 | 36,971 |
| 6. McClain County, OK | 1 | 3.2 | 0 | 0.0 | 31,038 |
| 7. Oklahoma County, OK | 66 | 9.5 | 11 | 1.6 | 691,266 |



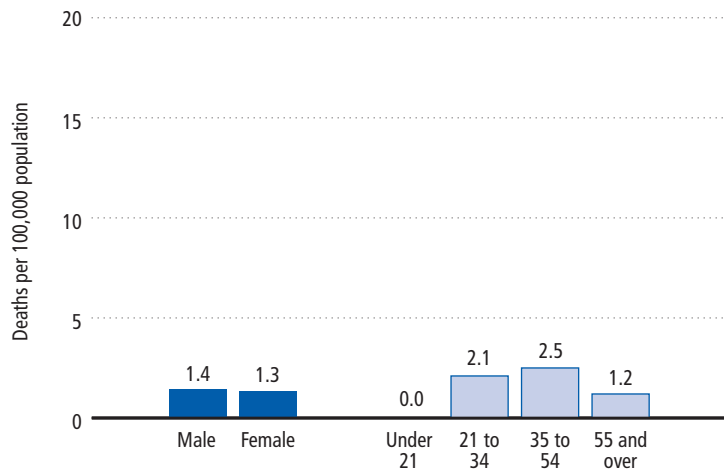
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

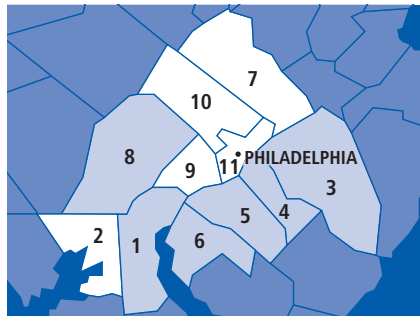
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 15 | Health care facility | -- |
| Home | 56 | Home | 11 |
| Public place | 6 | Public place | -- |
| Other | 8 | Other | -- |
| Not documented | -- | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 74 | 86 | 45 | 13 | 16 | 11 |
| Alcohol* | 17 | 17 | 0 | -- | 4 | 0 |
| Cocaine | 16 | 11 | 4 | -- | 0 | 0 |
| Marijuana | 0 | 0 | 0 | 0 | 0 | 0 |
| Stimulants | 15 | 7 | 4 | -- | 0 | 0 |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | 0 |
| Hallucinogens†† | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | 4 | 0 | 0 | 0 | 0 | 0 |
| Antidepressants | 7 | 7 | -- | -- | 6 | -- |
| Antipsychotics | -- | 4 | -- | 0 | -- | -- |
| Benzodiazepines | 19 | 16 | -- | -- | -- | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 4 | -- | 0 | 0 | -- | -- |
| Opiates/opioids | 48 | 59 | 30 | 4 | -- | -- |
| Heroin (specified) | -- | -- | 0 | 0 | 0 | 0 |
| Methadone | 13 | 16 | 13 | 0 | 0 | 0 |
| All other opiates/opioids | 35 | 42 | 17 | 4 | -- | -- |
| Nonsteroidal anti-inflammatory agents | -- | 0 | 0 | 0 | 0 | 0 |
| Salicylates/combinations | 0 | 0 | 0 | 0 | -- | 0 |
| Misc. analgesics/combinations | 7 | 4 | 0 | 5 | -- | -- |
| Anticonvulsants | -- | -- | 0 | -- | 0 | 0 |
| Muscle relaxants | 7 | 9 | -- | 4 | -- | 0 |

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

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



Deaths reported to DAWN
 Drug-related 911
 Drug-related suicide 42

Metro area population, 2006
 5,826,742

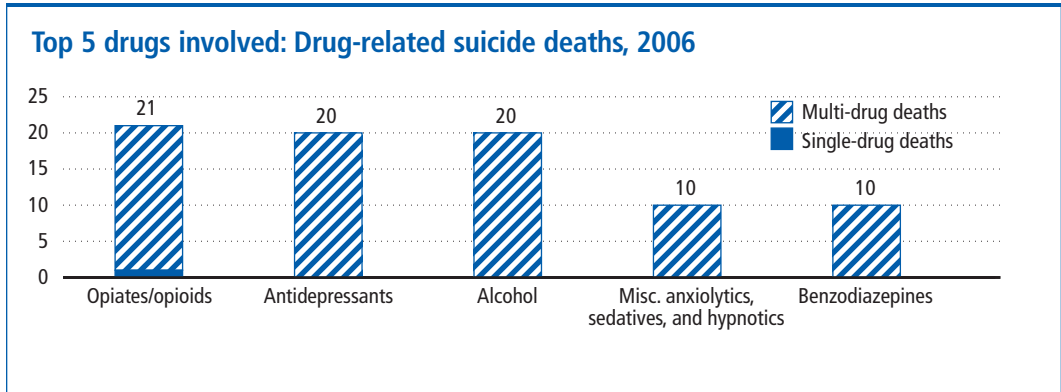
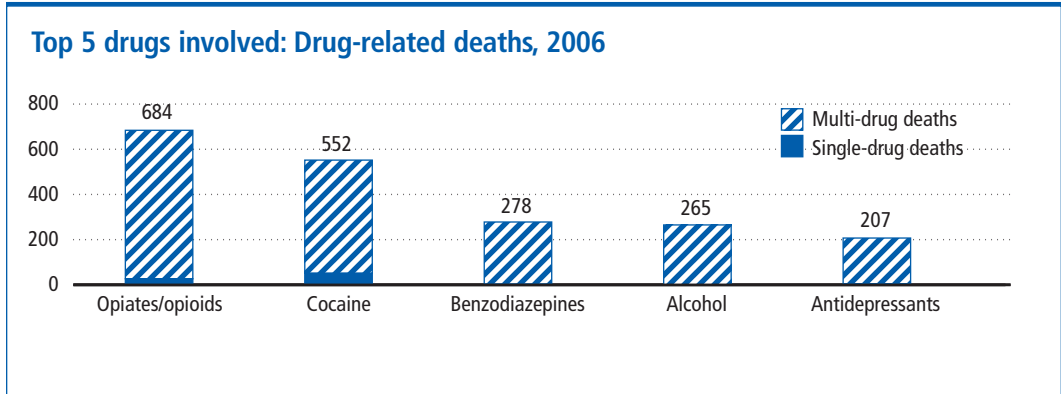
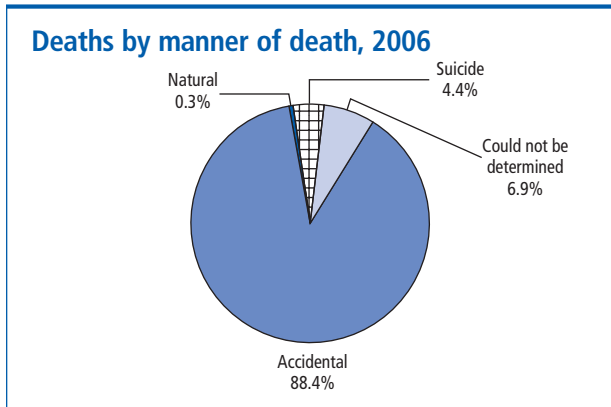
Population covered by DAWN
 3,502,789

Percent of population covered by DAWN
 60%

Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (5) | 911 | 26.0 | 42 | 1.2 | 3,502,789 |
| 1. New Castle County, DE | | | | | 525,587 |
| 2. Cecil County, MD | 20 | 20.1 | 3 | 3.0 | 99,506 |
| 3. Burlington County, NJ | | | | | 450,627 |
| 4. Camden County, NJ | | | | | 517,001 |
| 5. Gloucester County, NJ | | | | | 282,031 |
| 6. Salem County, NJ | | | | | 66,595 |
| 7. Bucks County, PA | 67 | 10.8 | 6 | 1.0 | 623,205 |
| 8. Chester County, PA | | | | | 482,112 |
| 9. Delaware County, PA | 136 | 24.5 | 12 | 2.2 | 555,996 |
| 10. Montgomery County, PA | 82 | 10.6 | 8 | 1.0 | 775,688 |
| 11. Philadelphia County, PA | 606 | 41.8 | 13 | 0.9 | 1,448,394 |

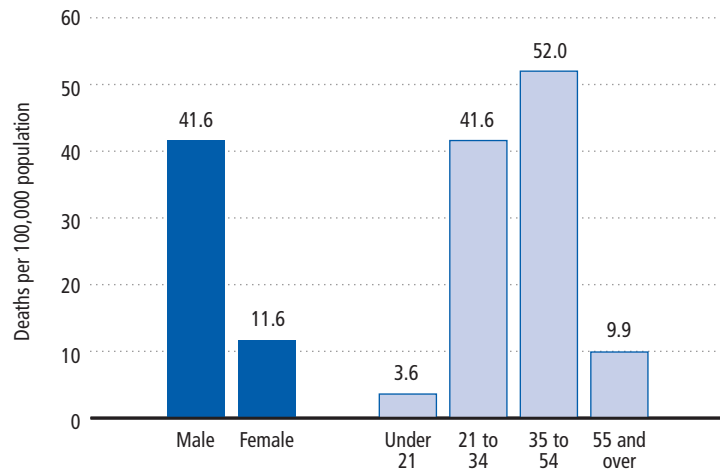
Shaded areas did not participate in DAWN this year.



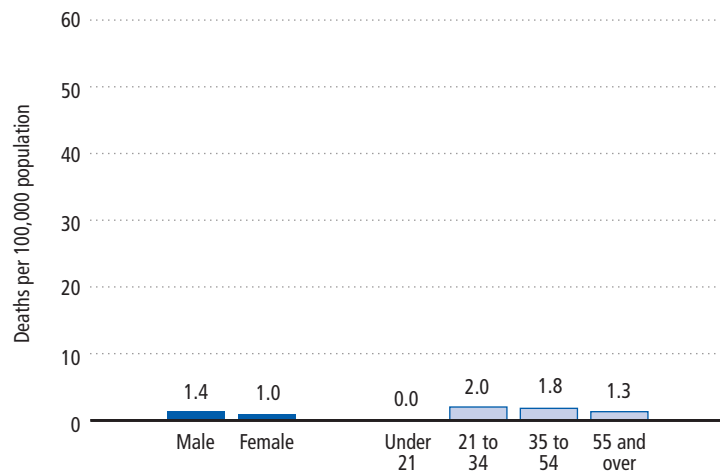
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

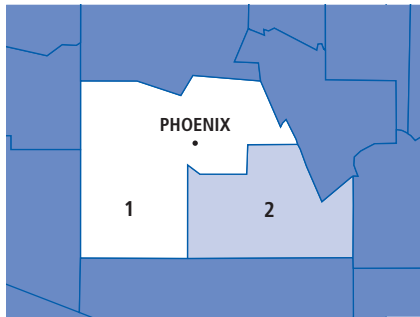
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 280 | Health care facility | 8 |
| Home | 460 | Home | 26 |
| Public place | 47 | Public place | 4 |
| Other | 113 | Other | 4 |
| Not documented | 11 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | | 911 | 93 | | 42 | -- |
| Alcohol* | | 265 | 0 | | 20 | -- |
| Cocaine | | 552 | 51 | | 8 | -- |
| Marijuana | | 25 | -- | | 0 | -- |
| Stimulants | | 23 | -- | | -- | -- |
| Club drugs† | | 6 | 0 | | -- | -- |
| Hallucinogens†† | | 37 | -- | | 0 | -- |
| Inhalants | | -- | 0 | | -- | -- |
| Antidepressants | | 207 | 5 | | 20 | -- |
| Antipsychotics | | 51 | 0 | | 5 | -- |
| Benzodiazepines | | 278 | -- | | 10 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | | 181 | -- | | 10 | -- |
| Opiates/opioids | | 684 | 27 | | 21 | -- |
| Heroin (specified) | | 212 | 7 | | 0 | -- |
| Methadone | | 151 | 7 | | -- | -- |
| All other opiates/opioids | | 598 | 13 | | 19 | -- |
| Nonsteroidal anti-inflammatory agents | | 98 | 0 | | -- | -- |
| Salicylates/combinations | | 0 | 0 | | 0 | -- |
| Misc. analgesics/combinations | | 39 | 0 | | 6 | -- |
| Anticonvulsants | | 50 | 0 | | -- | -- |
| Muscle relaxants | | 46 | 0 | | 4 | -- |

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

Phoenix-Mesa-Scottsdale, AZ



Deaths reported to DAWN
 Drug-related 637
 Drug-related suicide 127

Metro area population, 2006
 4,039,182

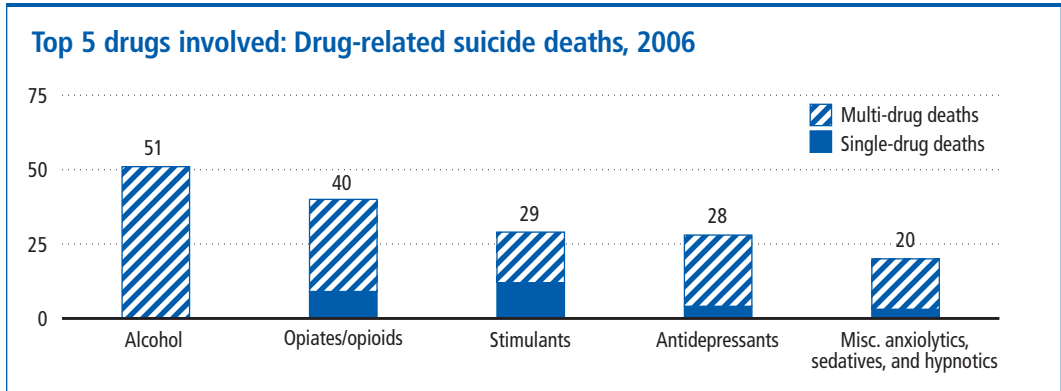
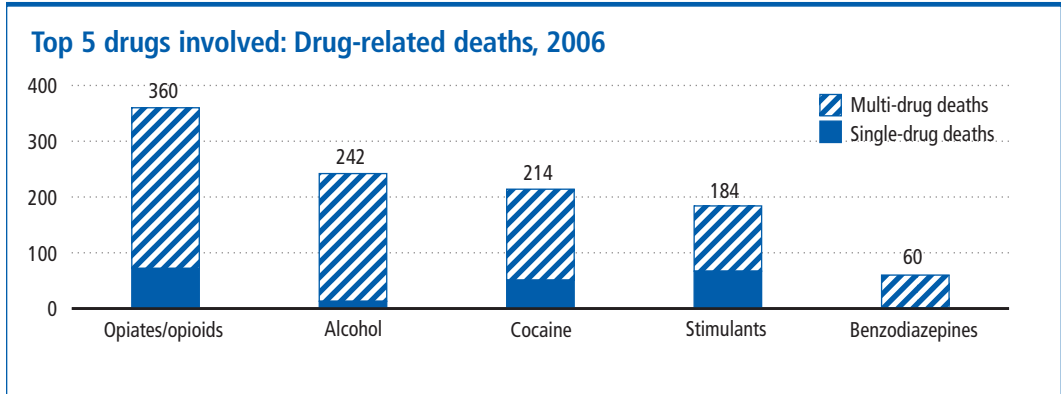
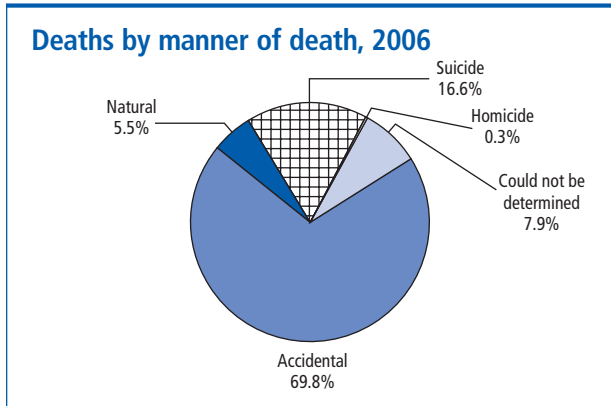
Population covered by DAWN
 3,768,123

Percent of population covered by DAWN
 93%

Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (1) | 637 | 16.9 | 127 | 3.4 | 3,768,123 |
| 1. Maricopa County, AZ | 637 | 16.9 | 127 | 3.4 | 3,768,123 |
| 2. Pinal County, AZ | | | | | 271,059 |

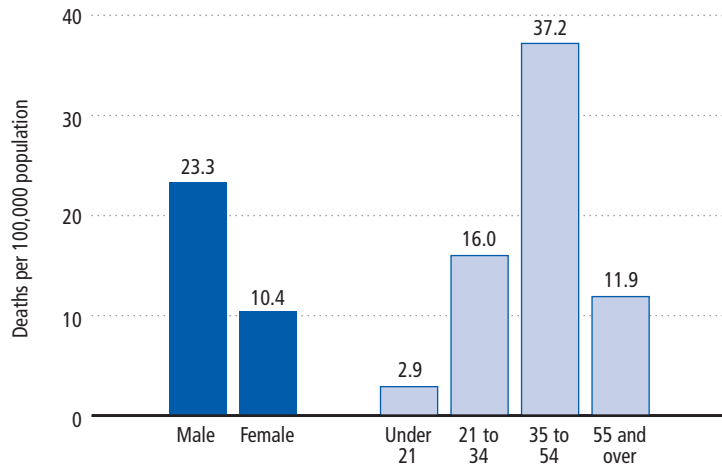
Shaded areas did not participate in DAWN this year.



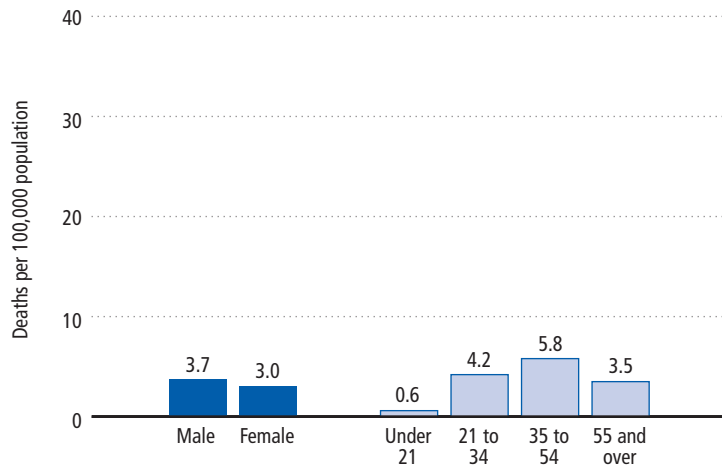
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 232 | Health care facility | 30 |
| Home | 266 | Home | 75 |
| Public place | 67 | Public place | 7 |
| Other | 71 | Other | 14 |
| Not documented | -- | Not documented | -- |

Drug-related deaths by drug category, 2005-2006

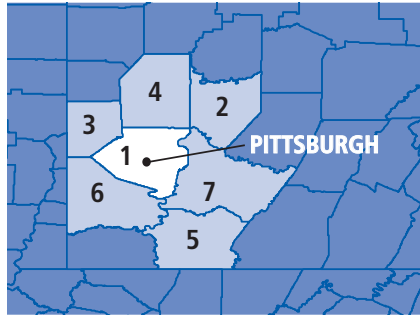
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 506 | 637 | 226 | 89 | 127 | 44 |
| Alcohol* | 158 | 242 | 13 | 31 | 51 | 0 |
| Cocaine | 145 | 214 | 51 | 10 | 15 | -- |
| Marijuana | 4 | 7 | 0 | 0 | -- | 0 |
| Stimulants | 139 | 184 | 67 | 14 | 29 | 12 |
| Club drugs† | -- | 7 | -- | 0 | 0 | 0 |
| Hallucinogens†† | -- | 4 | 0 | 0 | -- | 0 |
| Inhalants | -- | -- | -- | -- | -- | -- |
| Antidepressants | 58 | 50 | 5 | 20 | 28 | 4 |
| Antipsychotics | 25 | 22 | -- | 8 | 6 | 0 |
| Benzodiazepines | 59 | 60 | -- | 19 | 14 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 32 | 30 | 0 | 15 | 20 | -- |
| Opiates/opioids | 294 | 360 | 72 | 31 | 40 | 9 |
| Heroin (specified) | 39 | 69 | 16 | -- | 0 | 0 |
| Methadone | 96 | 87 | 15 | 6 | 6 | -- |
| All other opiates/opioids | 208 | 248 | 41 | 26 | 34 | 8 |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | -- | 0 | 0 |
| Salicylates/combinations | -- | 0 | 0 | 0 | 0 | 0 |
| Misc. analgesics/combinations | 13 | 16 | -- | 5 | 14 | -- |
| Anticonvulsants | -- | 4 | -- | -- | -- | -- |
| Muscle relaxants | 18 | 15 | -- | 5 | 4 | 0 |

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

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

†† Includes PCP, LSD, and miscellaneous hallucinogens.

Pittsburgh, PA



Deaths reported to DAWN
 Drug-related 187
 Drug-related suicide 21

Metro area population, 2006
 2,370,776

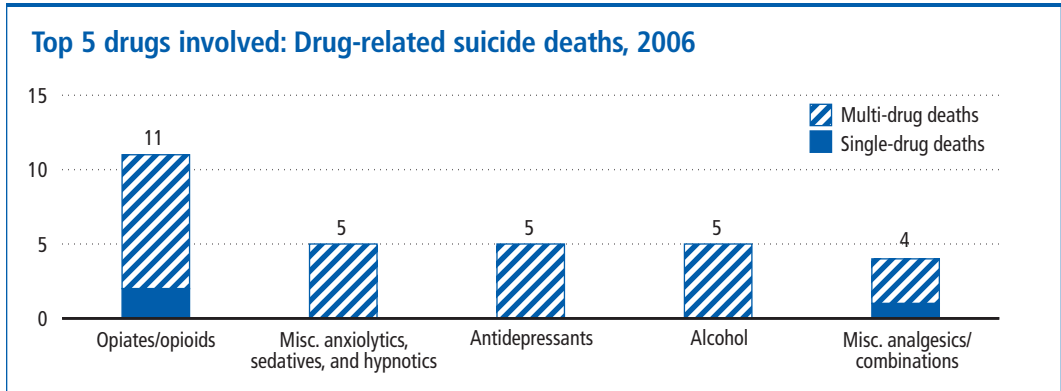
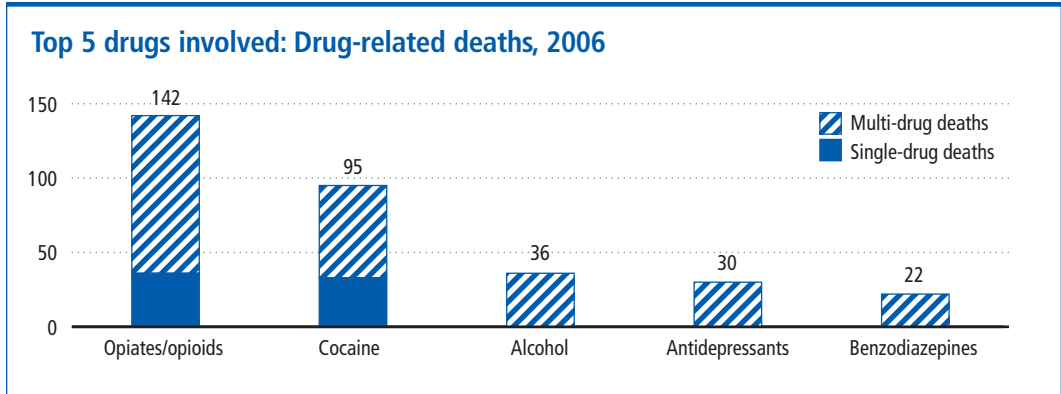
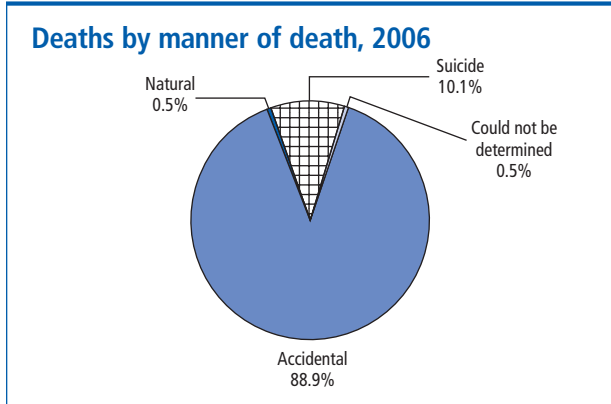
Population covered by DAWN
 1,223,411

Percent of population covered by DAWN
 52%

Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (1) | 187 | 15.3 | 21 | 1.7 | 1,223,411 |
| 1. Allegheny County, PA | 187 | 15.3 | 21 | 1.7 | 1,223,411 |
| 2. Armstrong County, PA | | | | | 70,096 |
| 3. Beaver County, PA | | | | | 175,736 |
| 4. Butler County, PA | | | | | 182,901 |
| 5. Fayette County, PA | | | | | 145,760 |
| 6. Washington County, PA | | | | | 206,432 |
| 7. Westmoreland County, PA | | | | | 366,440 |

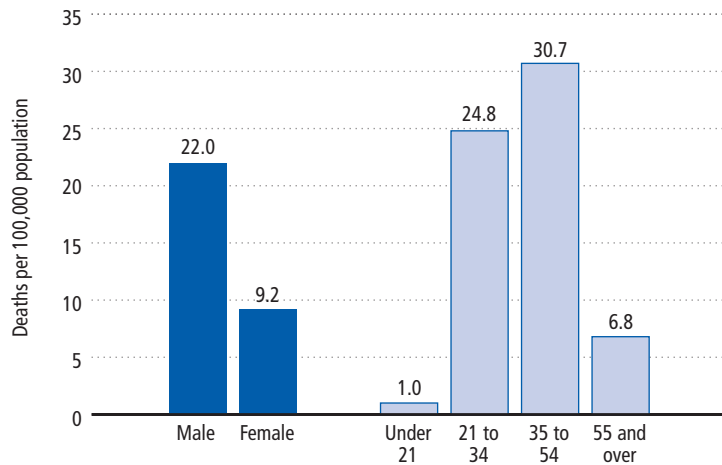
Shaded areas did not participate in DAWN this year.



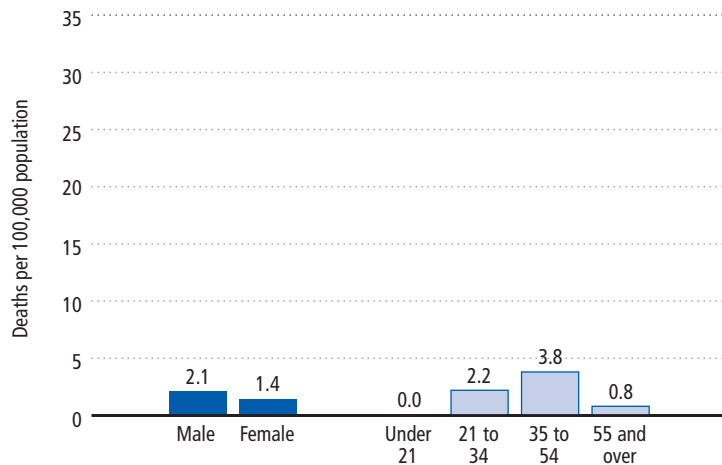
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

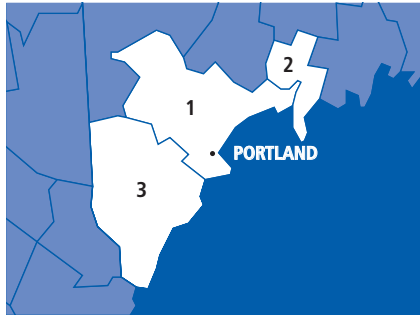
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 51 | Health care facility | 4 |
| Home | 110 | Home | 16 |
| Public place | 6 | Public place | -- |
| Other | 20 | Other | 0 |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 219 | 187 | 70 | 21 | 21 | 8 |
| Alcohol* | 40 | 36 | 0 | 4 | 5 | 0 |
| Cocaine | 109 | 95 | 33 | -- | -- | 0 |
| Marijuana | 0 | 0 | 0 | 0 | 0 | 0 |
| Stimulants | 0 | -- | 0 | -- | -- | 0 |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | 0 |
| Hallucinogens†† | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | -- | 0 | 0 | -- | -- | -- |
| Antidepressants | 24 | 30 | 0 | 7 | 5 | 0 |
| Antipsychotics | 5 | 7 | 0 | -- | -- | -- |
| Benzodiazepines | 34 | 22 | 0 | 7 | 4 | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | 7 | 7 | 0 | -- | 5 | 0 |
| Opiates/opioids | 178 | 142 | 36 | 7 | 11 | -- |
| Heroin (specified) | 79 | 36 | 12 | 0 | 0 | 0 |
| Methadone | 36 | 46 | 7 | 0 | -- | 0 |
| All other opiates/opioids | 78 | 77 | 17 | 7 | 9 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | 0 |
| Salicylates/combinations | -- | 0 | 0 | -- | -- | 0 |
| Misc. analgesics/combinations | 5 | 8 | 0 | -- | 4 | -- |
| Anticonvulsants | -- | -- | 0 | -- | -- | -- |
| Muscle relaxants | -- | 7 | 0 | 0 | -- | 0 |

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

Portland-South Portland-Biddeford, ME

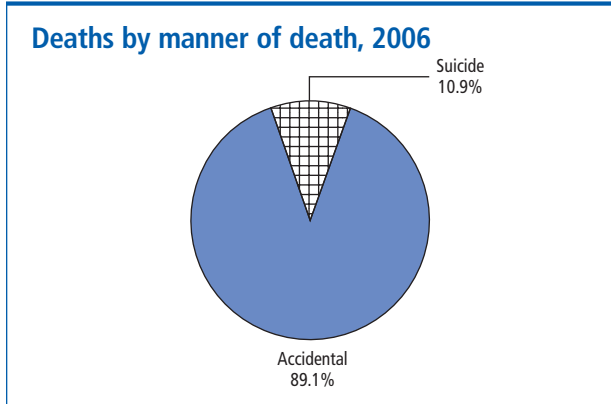


Deaths reported to DAWN
 Drug-related 41
 Drug-related suicide 5

Metro area population, 2006
 513,667

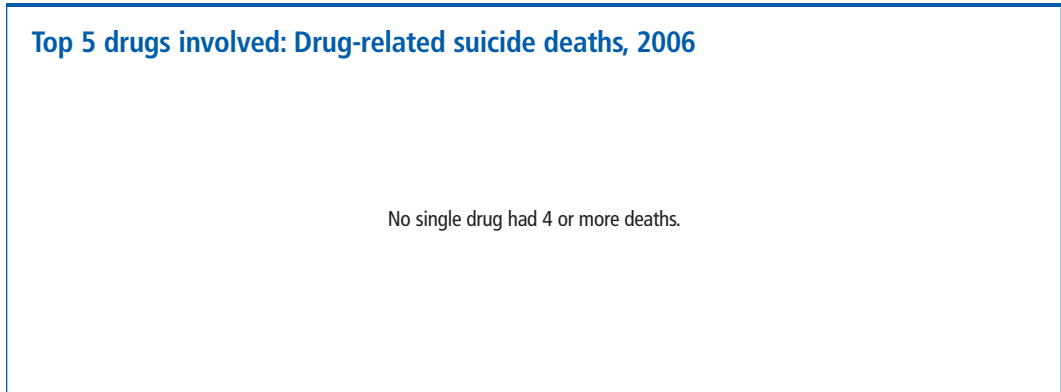
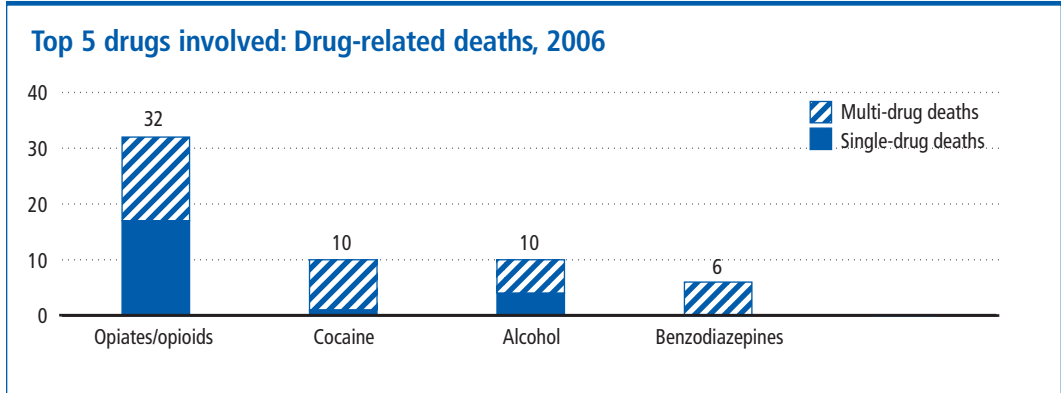
Population covered by DAWN
 513,667

Percent of population covered by DAWN
 100%



Metro area overview: Deaths and population by county, 2006

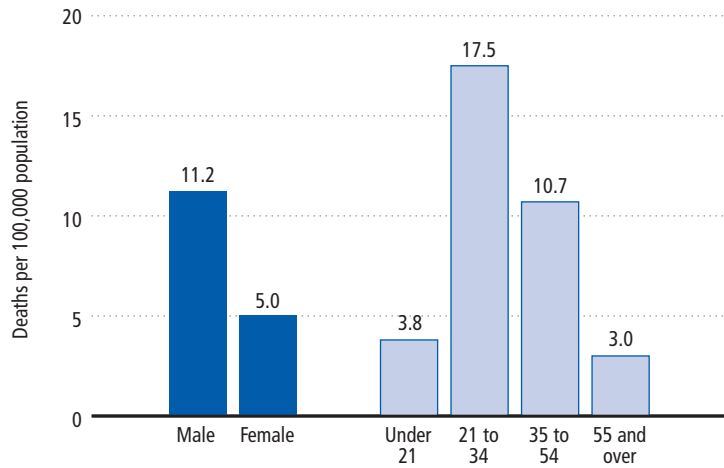
| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (3) | 41 | 8.0 | 5 | 1.0 | 513,667 |
| 1. Cumberland County, ME | 22 | 8.0 | 2 | 0.7 | 274,598 |
| 2. Sagadahoc County, ME | 0 | 0.0 | 1 | 2.7 | 36,837 |
| 3. York County, ME | 19 | 9.4 | 2 | 1.0 | 202,232 |



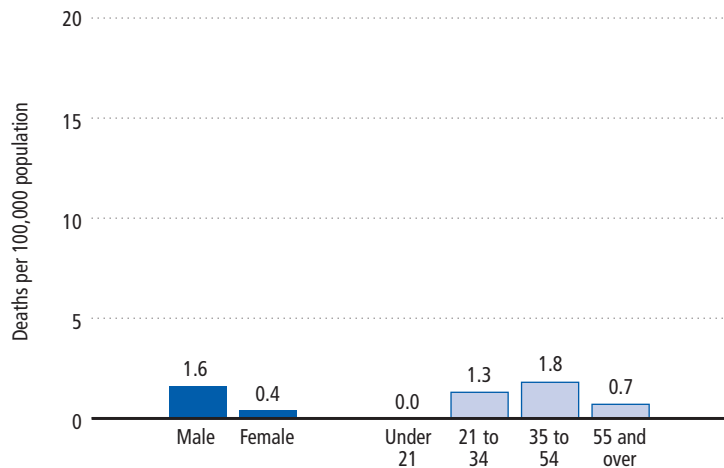
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 7 | Health care facility | 0 |
| Home | 21 | Home | 5 |
| Public place | 4 | Public place | 0 |
| Other | 9 | Other | 0 |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 54 | 41 | 22 | 15 | 5 | -- |
| Alcohol* | 15 | 10 | 4 | 4 | -- | -- |
| Cocaine | 9 | 10 | -- | 0 | 0 | -- |
| Marijuana | 0 | 0 | 0 | 0 | 0 | -- |
| Stimulants | 0 | 0 | 0 | 0 | 0 | -- |
| Club drugs† | -- | 0 | 0 | 0 | 0 | -- |
| Hallucinogens†† | 0 | 0 | 0 | 0 | 0 | -- |
| Inhalants | 0 | 0 | 0 | 0 | 0 | -- |
| Antidepressants | 8 | -- | 0 | 6 | -- | -- |
| Antipsychotics | -- | -- | 0 | -- | -- | -- |
| Benzodiazepines | 9 | 6 | 0 | 4 | -- | -- |
| Misc. anxiolytics, sedatives, and hypnotics | -- | -- | 0 | -- | 0 | -- |
| Opiates/opioids | 47 | 32 | 17 | 5 | -- | -- |
| Heroin (specified) | 5 | -- | -- | -- | 0 | -- |
| Methadone | 20 | 16 | 7 | -- | -- | -- |
| All other opiates/opioids | 28 | 15 | 9 | -- | -- | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | -- |
| Salicylates/combinations | 0 | -- | 0 | 0 | -- | -- |
| Misc. analgesics/combinations | -- | 0 | 0 | -- | -- | -- |
| Anticonvulsants | -- | -- | 0 | -- | 0 | -- |
| Muscle relaxants | -- | -- | 0 | 0 | 0 | -- |

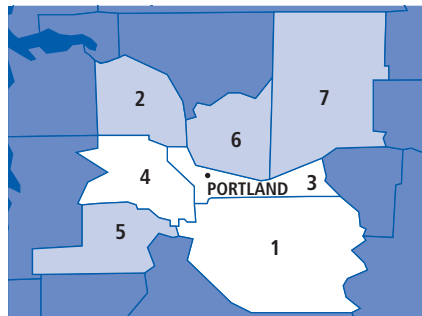
* Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.
 † Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.
 †† Includes PCP, LSD, and miscellaneous hallucinogens.

Portland-South Portland-Biddeford, ME

NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Portland-Vancouver-Beaverton, OR-WA

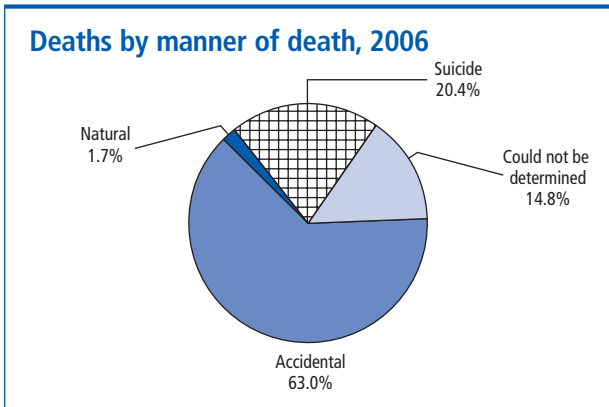


Deaths reported to DAWN
 Drug-related 183
 Drug-related suicide 47

Metro area population, 2006
 2,137,565

Population covered by DAWN
 1,569,953

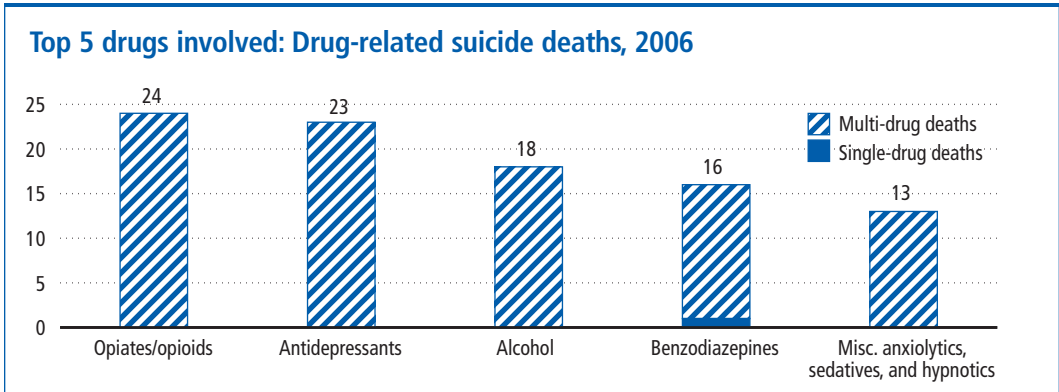
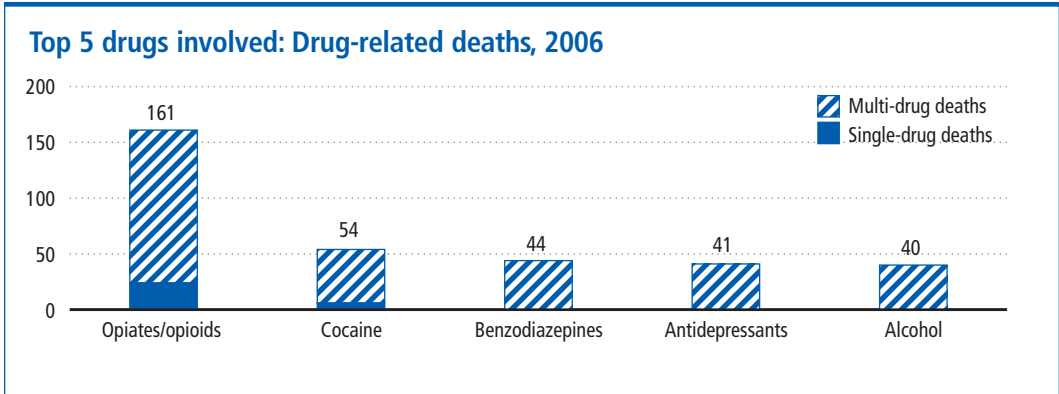
Percent of population covered by DAWN
 73%



Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (3) | 183 | 11.7 | 47 | 3.0 | 1,569,953 |
| 1. Clackamas County, OR | 26 | 6.9 | 11 | 2.9 | 374,230 |
| 2. Columbia County, OR | | | | | 49,163 |
| 3. Multnomah County, OR | 141 | 20.7 | 29 | 4.3 | 681,454 |
| 4. Washington County, OR | 16 | 3.1 | 7 | 1.4 | 514,269 |
| 5. Yamhill County, OR | | | | | 94,678 |
| 6. Clark County, WA | | | | | 412,938 |
| 7. Skamania County, WA | | | | | 10,833 |

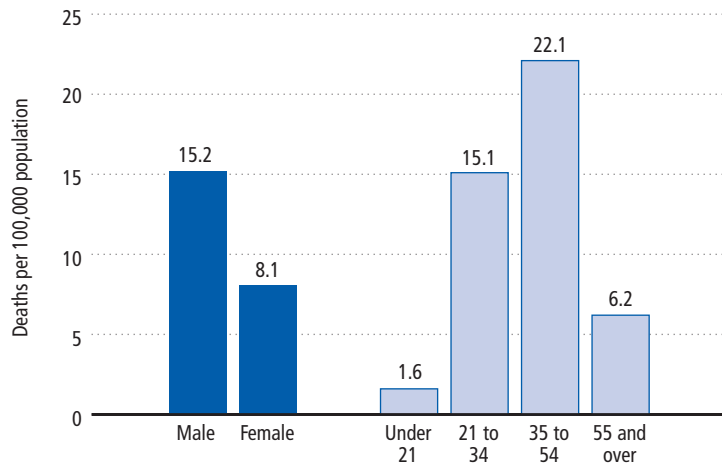
Shaded areas did not participate in DAWN this year.



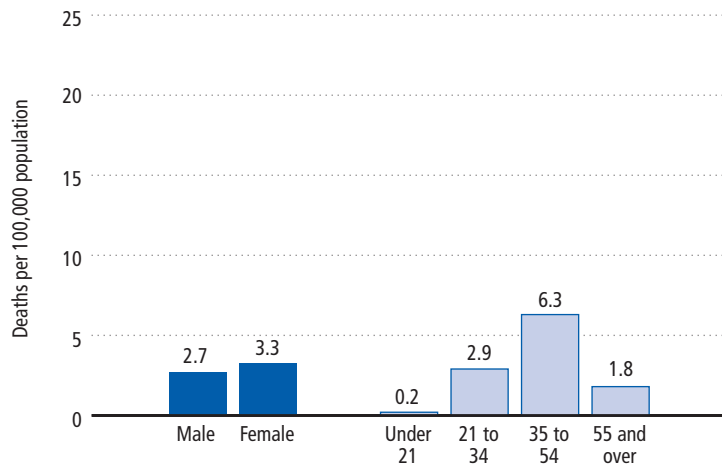
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

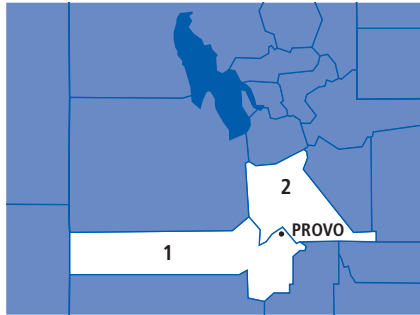
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 27 | Health care facility | 12 |
| Home | 119 | Home | 27 |
| Public place | 16 | Public place | 0 |
| Other | 21 | Other | 8 |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 176 | 183 | 32 | 33 | 47 | 5 |
| Alcohol* | 59 | 40 | 0 | 12 | 18 | 0 |
| Cocaine | 43 | 54 | 6 | 4 | -- | 0 |
| Marijuana | 11 | 18 | 0 | -- | 5 | 0 |
| Stimulants | 23 | 23 | -- | -- | -- | 0 |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | 0 |
| Hallucinogens†† | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | 0 | -- | 0 | -- | -- | 0 |
| Antidepressants | 28 | 41 | 0 | 12 | 23 | 0 |
| Antipsychotics | 5 | 9 | 0 | -- | 5 | 0 |
| Benzodiazepines | 30 | 44 | 0 | 5 | 16 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 16 | 22 | 0 | 6 | 13 | 0 |
| Opiates/opioids | 146 | 161 | 24 | 20 | 24 | 0 |
| Heroin (specified) | 50 | 52 | 11 | 4 | -- | 0 |
| Methadone | 50 | 62 | 6 | 4 | 5 | 0 |
| All other opiates/opioids | 70 | 99 | 7 | 17 | 20 | 0 |
| Nonsteroidal anti-inflammatory agents | -- | 0 | 0 | -- | 0 | 0 |
| Salicylates/combinations | 0 | -- | 0 | 0 | -- | -- |
| Misc. analgesics/combinations | 4 | -- | 0 | -- | 8 | -- |
| Anticonvulsants | 4 | 11 | 0 | -- | -- | 0 |
| Muscle relaxants | 6 | 8 | 0 | -- | -- | 0 |

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

Provo-Orem, UT



Deaths reported to DAWN
 Drug-related 76
 Drug-related suicide 11

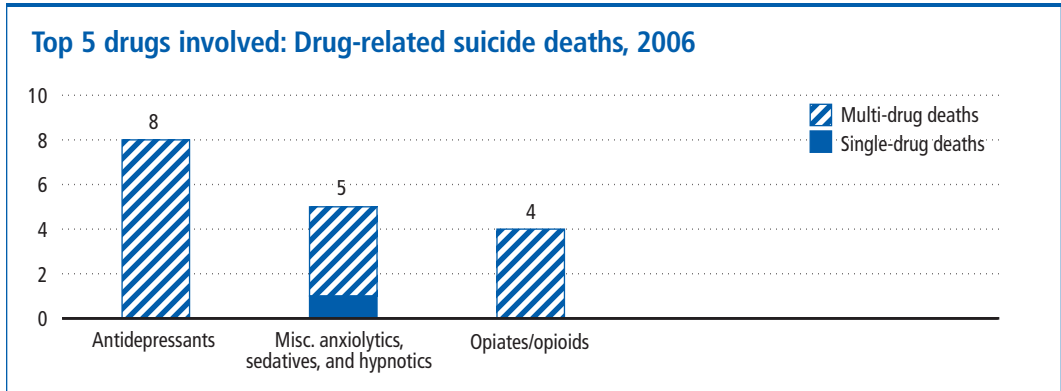
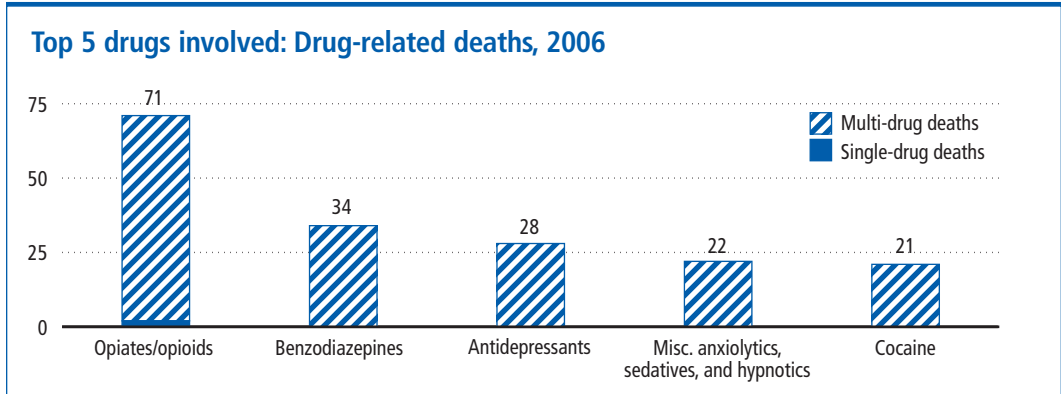
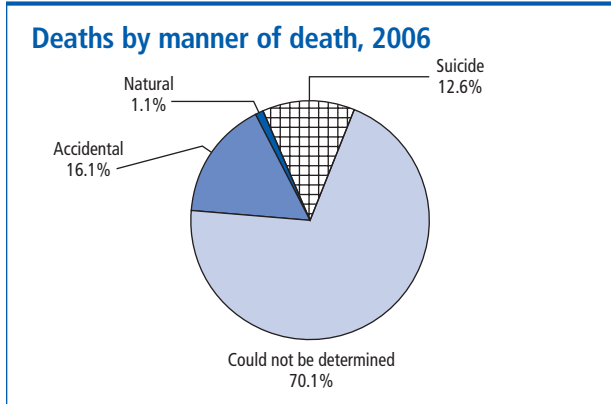
Metro area population, 2006
 474,180

Population covered by DAWN
 474,180

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2006

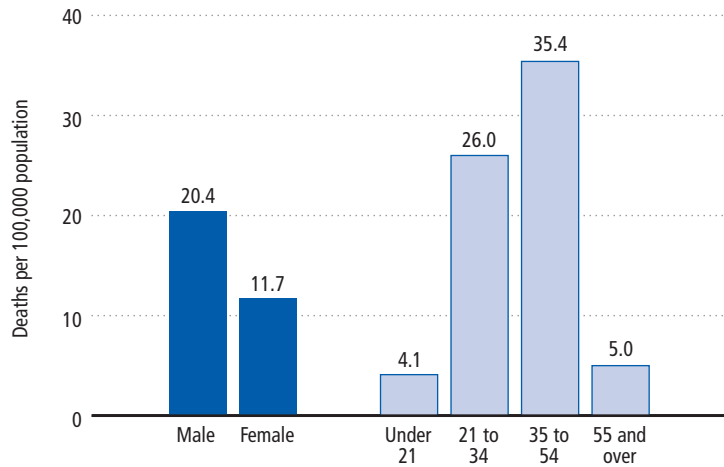
| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (2) | 76 | 16.0 | 11 | 2.3 | 474,180 |
| 1. Juab County, UT | 2 | 21.2 | 2 | 21.2 | 9,420 |
| 2. Utah County, UT | 74 | 15.9 | 9 | 1.9 | 464,760 |



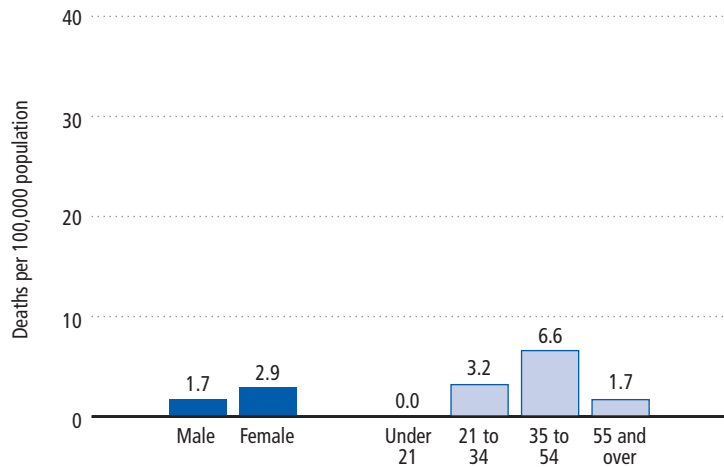
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

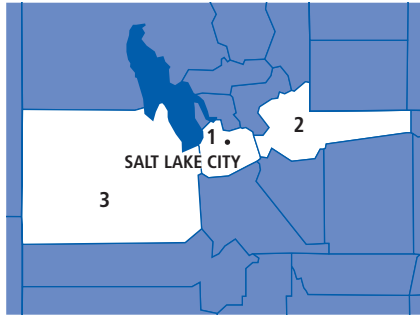
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 26 | Health care facility | -- |
| Home | 42 | Home | 6 |
| Public place | -- | Public place | -- |
| Other | 5 | Other | 0 |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 73 | 76 | -- | 7 | 11 | -- |
| Alcohol* | 5 | 13 | -- | -- | -- | -- |
| Cocaine | 21 | 21 | -- | 0 | 0 | -- |
| Marijuana | 12 | 13 | -- | -- | 0 | -- |
| Stimulants | 8 | 10 | -- | -- | -- | -- |
| Club drugs† | 0 | 0 | -- | 0 | 0 | -- |
| Hallucinogens†† | 0 | 0 | -- | 0 | 0 | -- |
| Inhalants | 0 | 0 | -- | 0 | 0 | -- |
| Antidepressants | 27 | 28 | -- | 4 | 8 | -- |
| Antipsychotics | 8 | 7 | -- | 0 | -- | -- |
| Benzodiazepines | 25 | 34 | -- | -- | -- | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 18 | 22 | -- | -- | 5 | -- |
| Opiates/opioids | 66 | 71 | -- | -- | 4 | -- |
| Heroin (specified) | -- | 4 | -- | -- | 0 | -- |
| Methadone | 20 | 21 | -- | 0 | -- | -- |
| All other opiates/opioids | 55 | 55 | -- | -- | -- | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | -- | 0 | -- | -- |
| Salicylates/combinations | 0 | 0 | -- | 0 | 0 | -- |
| Misc. analgesics/combinations | 9 | 8 | -- | -- | -- | -- |
| Anticonvulsants | 8 | -- | -- | 4 | -- | -- |
| Muscle relaxants | 10 | 13 | -- | 0 | 0 | -- |

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

Salt Lake City, UT



Deaths reported to DAWN
 Drug-related 206
 Drug-related suicide 28

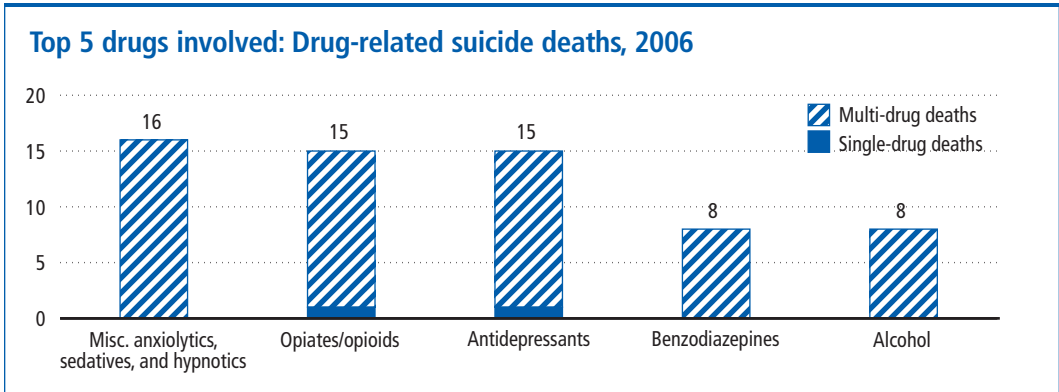
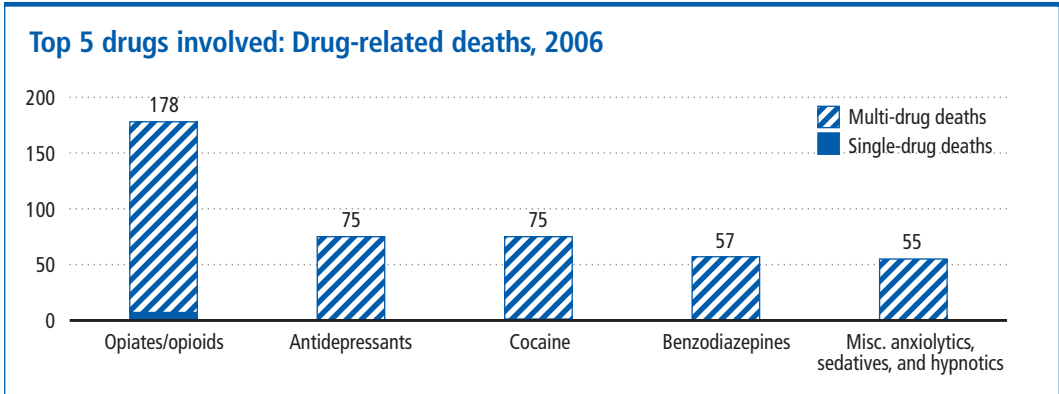
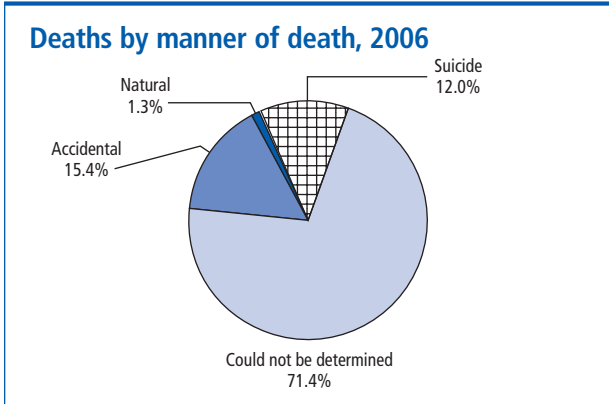
Metro area population, 2006
 1,067,722

Population covered by DAWN
 1,067,722

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2006

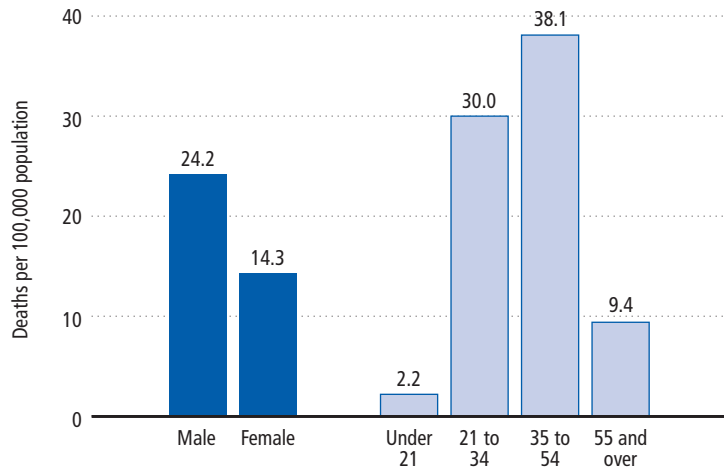
| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (3) | 206 | 19.3 | 28 | 2.6 | 1,067,722 |
| 1. Salt Lake County, UT | 194 | 19.8 | 27 | 2.8 | 978,701 |
| 2. Summit County, UT | 3 | 8.5 | 0 | 0.0 | 35,469 |
| 3. Tooele County, UT | 9 | 16.8 | 1 | 1.9 | 53,552 |



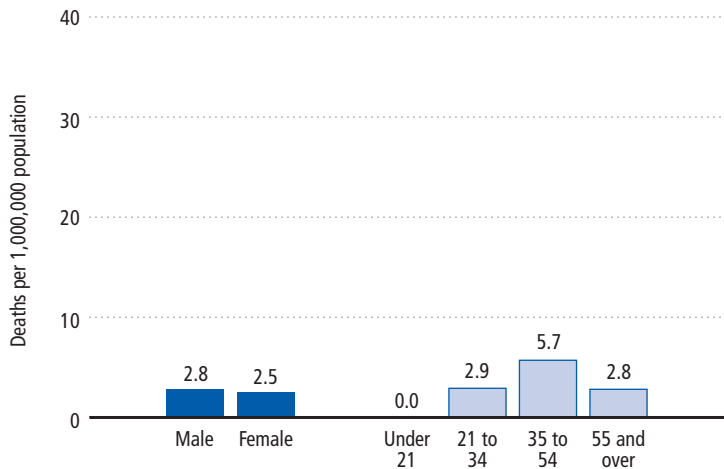
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

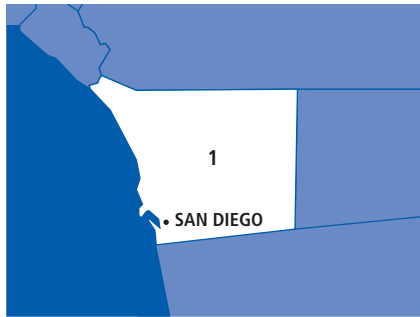
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 41 | Health care facility | 9 |
| Home | 138 | Home | 19 |
| Public place | 10 | Public place | 0 |
| Other | 17 | Other | 0 |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 192 | 206 | 9 | 25 | 28 | -- |
| Alcohol* | 36 | 40 | 0 | 5 | 8 | -- |
| Cocaine | 62 | 75 | -- | -- | -- | -- |
| Marijuana | 30 | 43 | 0 | -- | -- | -- |
| Stimulants | 27 | 32 | 0 | -- | -- | -- |
| Club drugs† | -- | -- | 0 | 0 | 0 | -- |
| Hallucinogens†† | 0 | 0 | 0 | 0 | 0 | -- |
| Inhalants | -- | -- | -- | 0 | 0 | -- |
| Antidepressants | 82 | 75 | 0 | 19 | 15 | -- |
| Antipsychotics | 17 | 6 | 0 | 5 | 4 | -- |
| Benzodiazepines | 68 | 57 | 0 | 10 | 8 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 59 | 55 | 0 | 7 | 16 | -- |
| Opiates/opioids | 171 | 178 | 7 | 15 | 15 | -- |
| Heroin (specified) | 14 | 14 | 0 | 0 | 0 | -- |
| Methadone | 55 | 64 | -- | -- | -- | -- |
| All other opiates/opioids | 140 | 132 | 5 | 13 | 14 | -- |
| Nonsteroidal anti-inflammatory agents | -- | 0 | 0 | -- | 0 | -- |
| Salicylates/combinations | 0 | 0 | 0 | -- | -- | -- |
| Misc. analgesics/combinations | 27 | 10 | 0 | 11 | 5 | -- |
| Anticonvulsants | 19 | 9 | 0 | -- | 5 | -- |
| Muscle relaxants | 28 | 24 | 0 | -- | -- | -- |

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

San Diego-Carlsbad-San Marcos, CA



Deaths reported to DAWN
 Drug-related 247
 Drug-related suicide 33

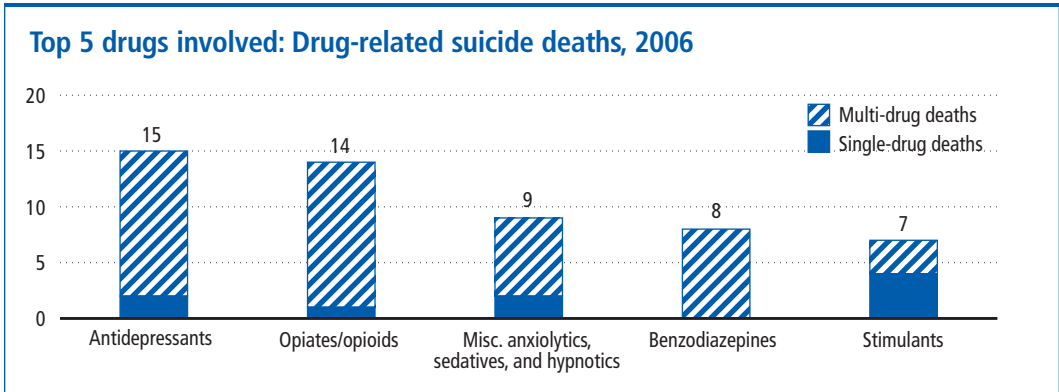
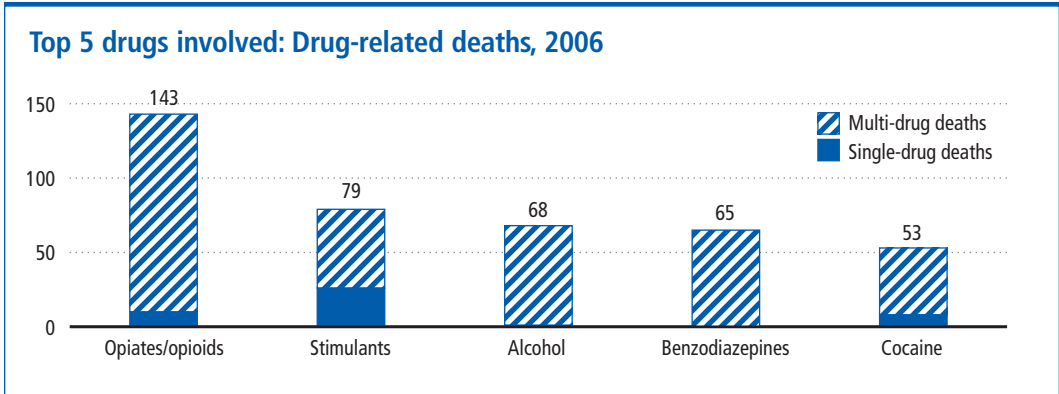
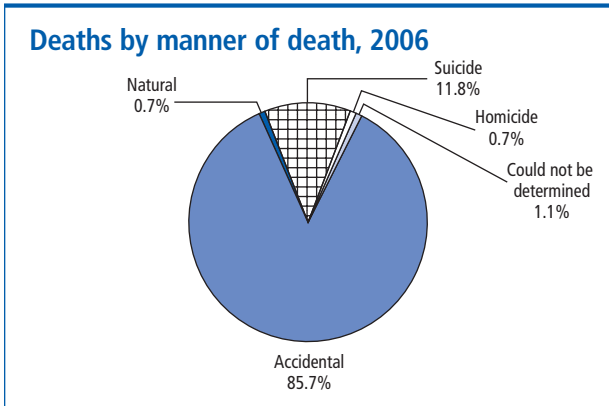
Metro area population, 2006
 2,941,454

Population covered by DAWN
 2,941,454

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2006

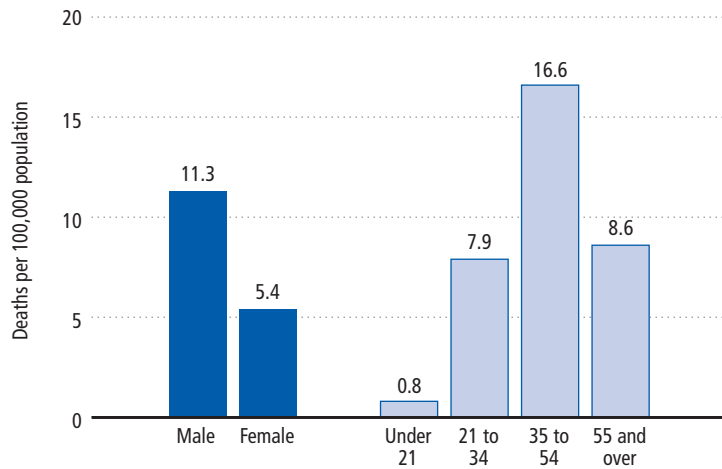
| Metro area component | Drug-related | | Drug-related suicide | | Population |
|-------------------------|--------------|------|----------------------|------|------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (1) | 247 | 8.4 | 33 | 1.1 | 2,941,454 |
| 1. San Diego County, CA | 247 | 8.4 | 33 | 1.1 | 2,941,454 |



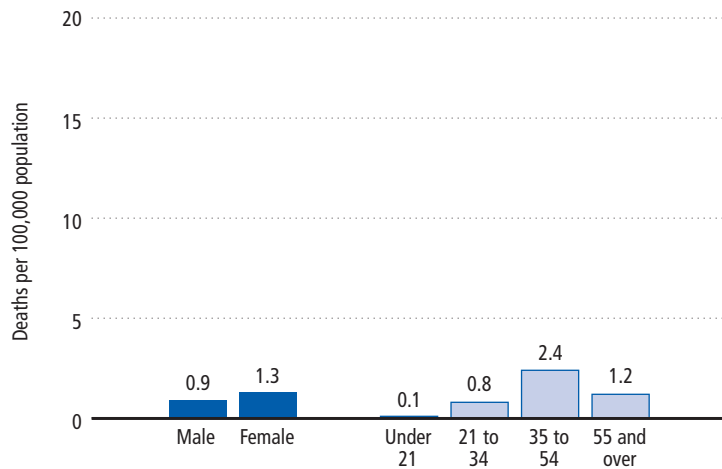
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

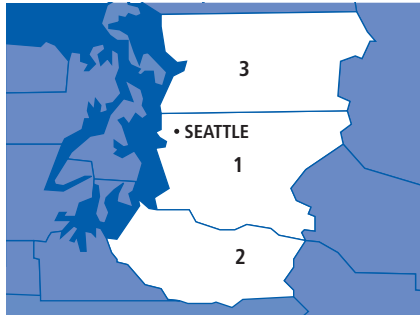
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 66 | Health care facility | 5 |
| Home | 125 | Home | 18 |
| Public place | 19 | Public place | 5 |
| Other | 37 | Other | 5 |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 314 | 247 | 50 | 60 | 33 | 11 |
| Alcohol* | 52 | 68 | -- | 12 | 5 | 0 |
| Cocaine | 43 | 53 | 8 | 4 | -- | 0 |
| Marijuana | 34 | 41 | 0 | -- | 0 | 0 |
| Stimulants | 114 | 79 | 26 | 5 | 7 | 4 |
| Club drugs† | -- | 4 | 0 | 0 | 0 | 0 |
| Hallucinogens†† | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | -- | -- | -- | -- | 0 | 0 |
| Antidepressants | 70 | 49 | -- | 23 | 15 | -- |
| Antipsychotics | 18 | 16 | -- | 8 | 4 | 0 |
| Benzodiazepines | 88 | 65 | 0 | 17 | 8 | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | 24 | 25 | 0 | 18 | 9 | -- |
| Opiates/opioids | 176 | 143 | 10 | 21 | 14 | -- |
| Heroin (specified) | 35 | 32 | -- | 0 | -- | 0 |
| Methadone | 33 | 26 | 0 | 4 | -- | 0 |
| All other opiates/opioids | 139 | 119 | 9 | 17 | 12 | -- |
| Nonsteroidal anti-inflammatory agents | 4 | 8 | 0 | -- | -- | 0 |
| Salicylates/combinations | 0 | 0 | 0 | 0 | -- | 0 |
| Misc. analgesics/combinations | 11 | 15 | 0 | 12 | 4 | 0 |
| Anticonvulsants | 10 | 13 | 0 | 4 | 5 | -- |
| Muscle relaxants | 8 | 12 | 0 | 4 | -- | 0 |

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

Seattle-Tacoma-Bellevue, WA



Deaths reported to DAWN
 Drug-related 508
 Drug-related suicide 103

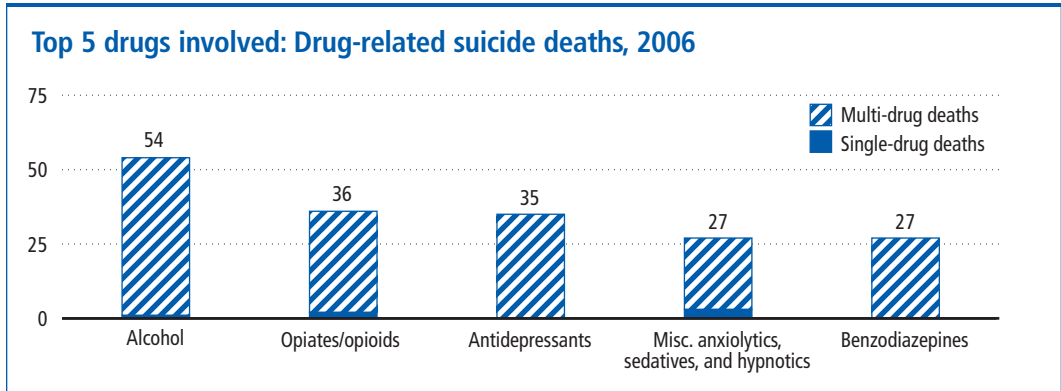
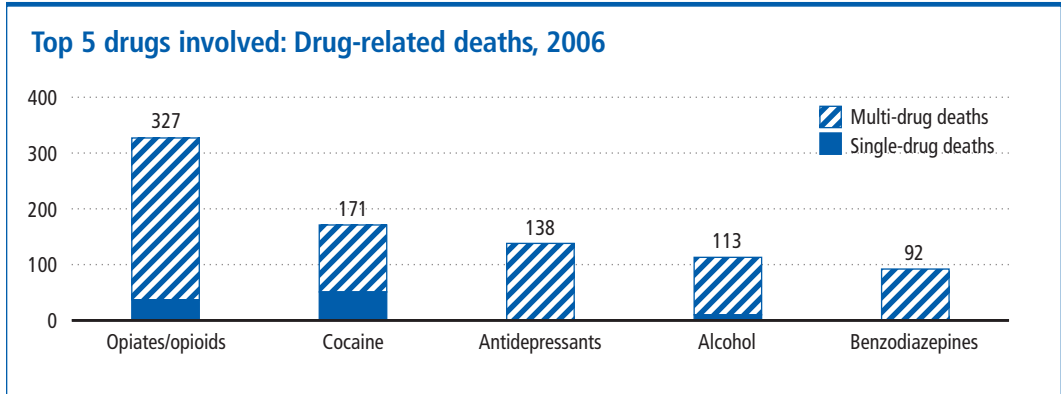
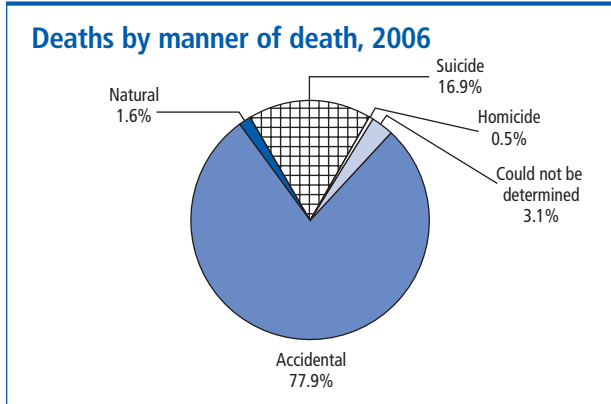
Metro area population, 2006
 3,263,497

Population covered by DAWN
 3,263,497

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2006

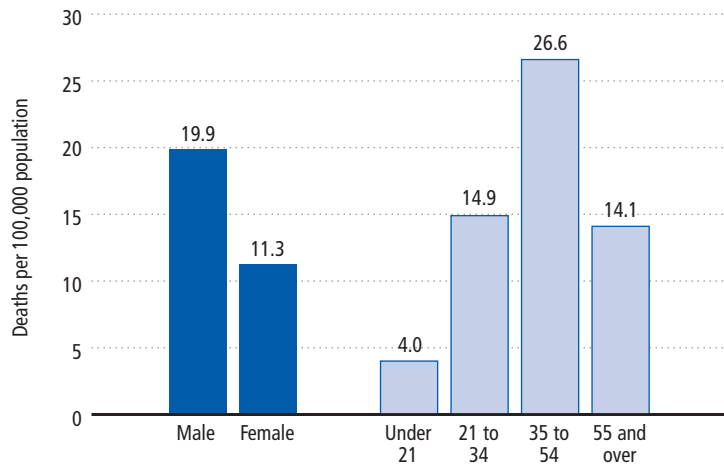
| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (3) | 508 | 15.6 | 103 | 3.2 | 3,263,497 |
| 1. King County, WA | 336 | 18.4 | 81 | 4.4 | 1,826,732 |
| 2. Pierce County, WA | 87 | 11.3 | 11 | 1.4 | 766,878 |
| 3. Snohomish County, WA | 85 | 12.7 | 11 | 1.6 | 669,887 |



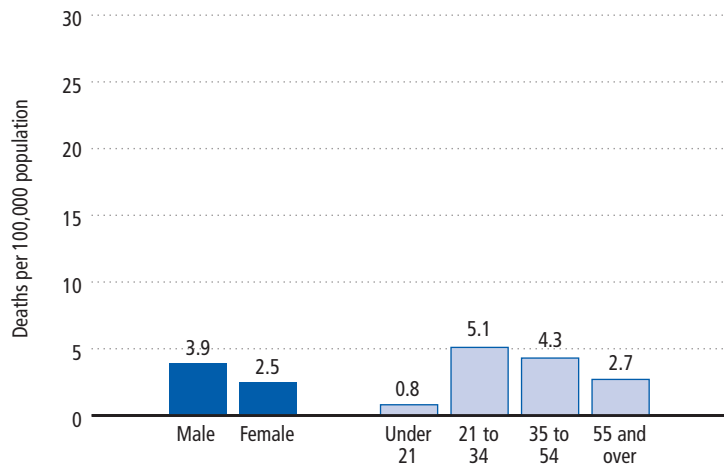
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

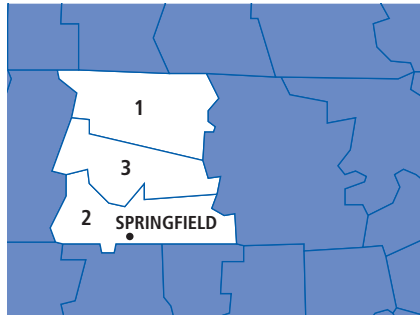
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 138 | Health care facility | 14 |
| Home | 264 | Home | 70 |
| Public place | 45 | Public place | 12 |
| Other | 61 | Other | 7 |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | | 508 | 147 | | 103 | 17 |
| Alcohol* | | 113 | 10 | | 54 | -- |
| Cocaine | | 171 | 51 | | 19 | 4 |
| Marijuana | | 27 | -- | | 12 | 0 |
| Stimulants | | 52 | 14 | | 12 | 4 |
| Club drugs† | | 5 | 0 | | 4 | 0 |
| Hallucinogens†† | | 0 | 0 | | 0 | 0 |
| Inhalants | | 7 | -- | | -- | 0 |
| Antidepressants | | 138 | 0 | | 35 | 0 |
| Antipsychotics | | 10 | 0 | | 5 | 0 |
| Benzodiazepines | | 92 | -- | | 27 | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | | 64 | 0 | | 27 | -- |
| Opiates/opioids | | 327 | 37 | | 36 | -- |
| Heroin (specified) | | 66 | 13 | | -- | -- |
| Methadone | | 171 | 19 | | 7 | 0 |
| All other opiates/opioids | | 158 | 5 | | 29 | -- |
| Nonsteroidal anti-inflammatory agents | | 4 | 0 | | -- | 0 |
| Salicylates/combinations | | -- | 0 | | -- | 0 |
| Misc. analgesics/combinations | | 43 | -- | | 16 | -- |
| Anticonvulsants | | 30 | 0 | | 6 | 0 |
| Muscle relaxants | | 26 | 0 | | -- | 0 |

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

Springfield, MA



Deaths reported to DAWN
 Drug-related 89
 Drug-related suicide 12

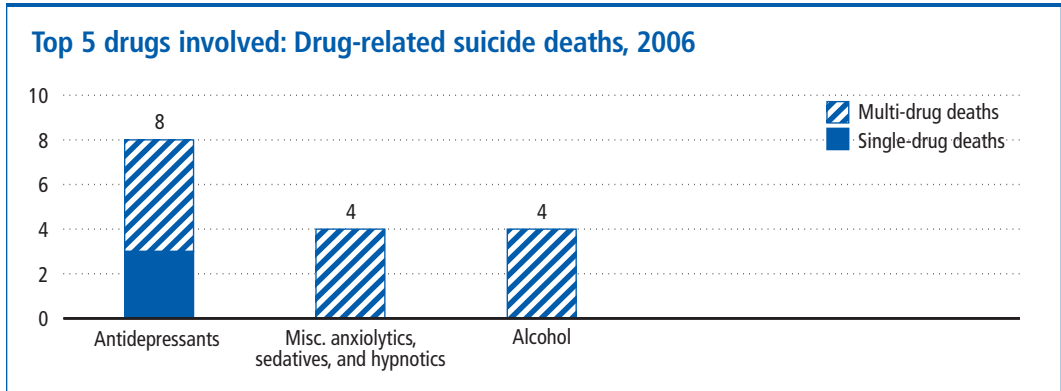
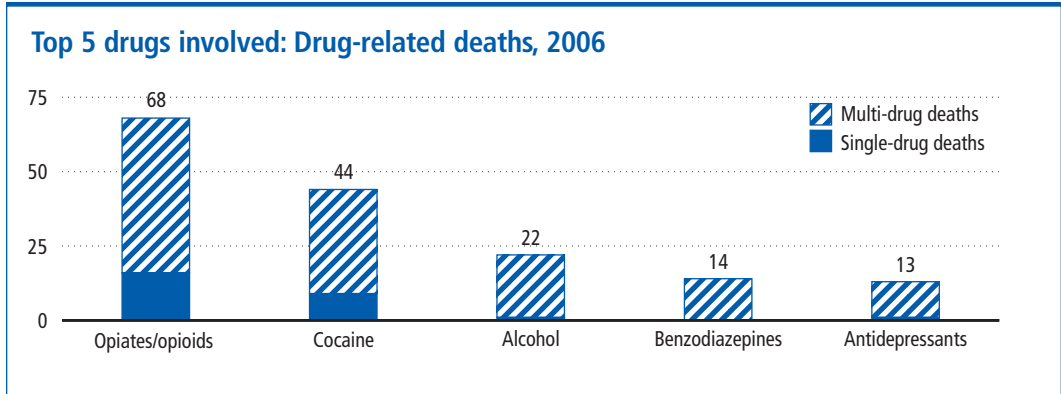
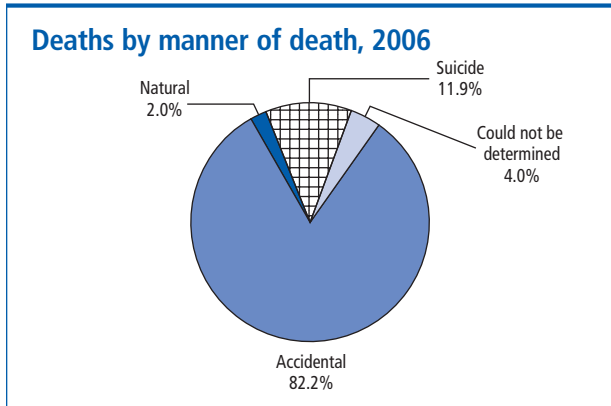
Metro area population, 2006
 686,174

Population covered by DAWN
 686,174

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2006

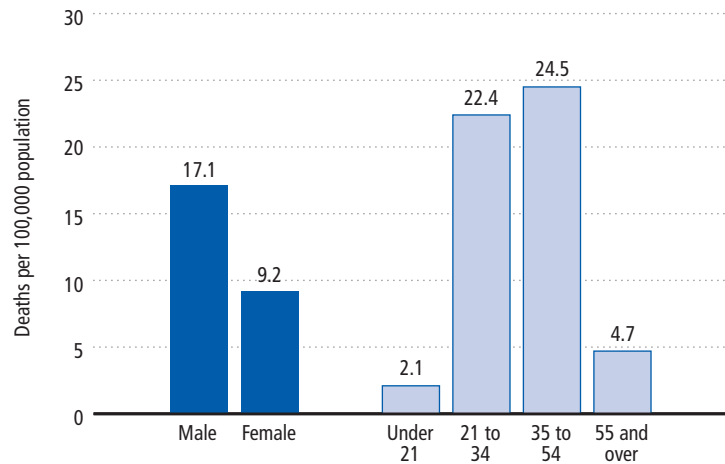
| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (3) | 89 | 13.0 | 12 | 1.7 | 686,174 |
| 1. Franklin County, MA | 10 | 13.9 | 1 | 1.4 | 72,183 |
| 2. Hampden County, MA | 61 | 13.2 | 8 | 1.7 | 460,520 |
| 3. Hampshire County, MA | 18 | 11.7 | 3 | 2.0 | 153,471 |



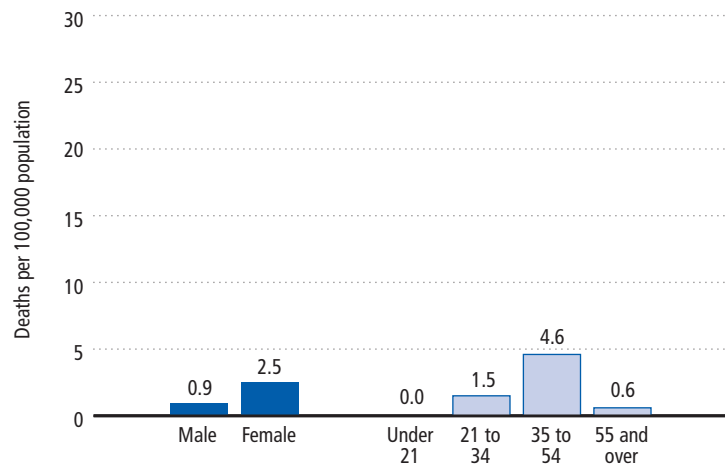
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

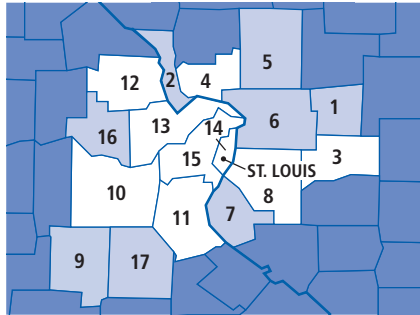
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 31 | Health care facility | 4 |
| Home | 44 | Home | 4 |
| Public place | -- | Public place | -- |
| Other | 12 | Other | -- |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 78 | 89 | 32 | 16 | 12 | 4 |
| Alcohol* | 16 | 22 | -- | 5 | 4 | 0 |
| Cocaine | 35 | 44 | 9 | 4 | -- | 0 |
| Marijuana | 0 | -- | 0 | 0 | 0 | 0 |
| Stimulants | 0 | -- | -- | 0 | 0 | 0 |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | 0 |
| Hallucinogens†† | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | -- | -- | -- | 0 | 0 | 0 |
| Antidepressants | 8 | 13 | -- | 4 | 8 | -- |
| Antipsychotics | -- | 5 | -- | -- | 0 | 0 |
| Benzodiazepines | 4 | 14 | 0 | -- | -- | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | -- | -- | 0 | -- | 4 | 0 |
| Opiates/opioids | 54 | 68 | 16 | -- | -- | -- |
| Heroin (specified) | 11 | -- | -- | -- | 0 | 0 |
| Methadone | 8 | 16 | -- | 0 | -- | 0 |
| All other opiates/opioids | 40 | 51 | 14 | -- | -- | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | 0 |
| Salicylates/combinations | -- | -- | -- | -- | 0 | 0 |
| Misc. analgesics/combinations | -- | 0 | 0 | 0 | -- | 0 |
| Anticonvulsants | -- | -- | -- | 0 | -- | 0 |
| Muscle relaxants | -- | 0 | 0 | 0 | -- | 0 |

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

St. Louis, MO-IL

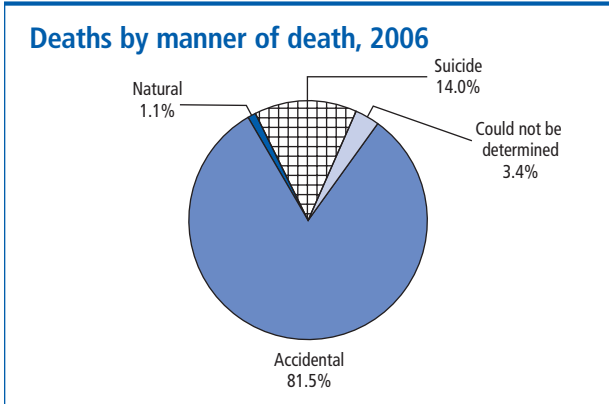


Deaths reported to DAWN
 Drug-related 325
 Drug-related suicide 53

Metro area population, 2006
 2,820,377

Population covered by DAWN
 2,373,249

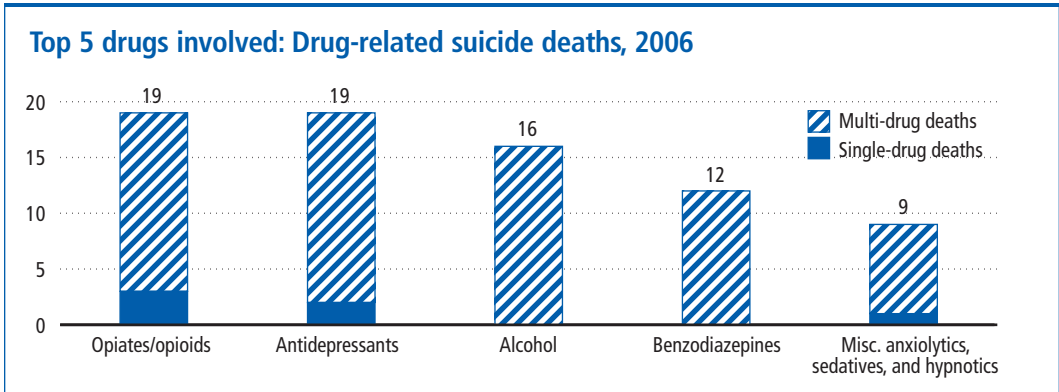
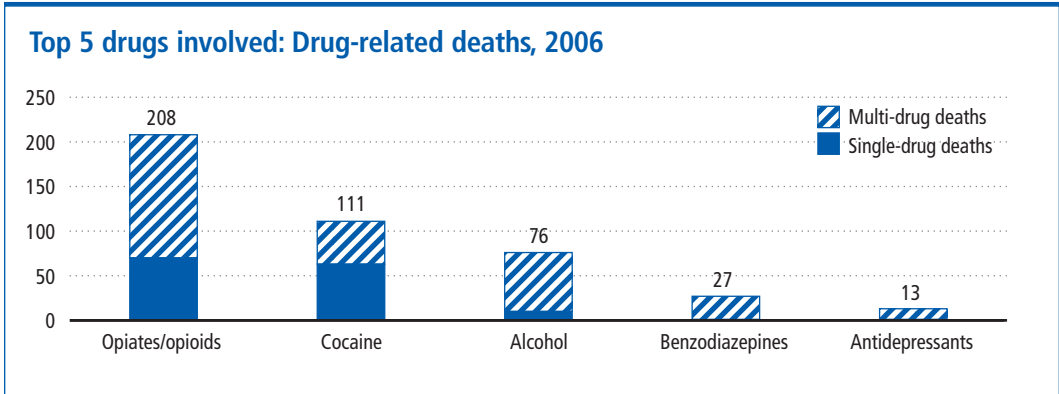
Percent of population covered by DAWN
 84%



Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (9) | 325 | 13.7 | 53 | 2.2 | 2,373,249 |
| 1. Bond County, IL | | | | | 18,055 |
| 2. Calhoun County, IL | | | | | 5,177 |
| 3. Clinton County, IL | 2 | 5.5 | 0 | 0.0 | 36,633 |
| 4. Jersey County, IL | 0 | 0.0 | 0 | 0.0 | 22,628 |
| 5. Macoupin County, IL | | | | | 48,841 |
| 6. Madison County, IL | | | | | 265,303 |
| 7. Monroe County, IL | | | | | 31,876 |
| 8. St. Clair County, IL | 9 | 3.4 | 0 | 0.0 | 260,919 |
| 9. Crawford County, MO | | | | | 24,009 |
| 10. Franklin County, MO | 11 | 11.0 | 4 | 4.0 | 100,067 |
| 11. Jefferson County, MO | 29 | 13.4 | 4 | 1.8 | 216,469 |
| 12. Lincoln County, MO | 3 | 6.0 | 3 | 6.0 | 50,123 |
| 13. St. Charles County, MO | 35 | 10.3 | 7 | 2.1 | 338,719 |
| 14. St. Louis City, MO | 120 | 34.6 | 12 | 3.5 | 347,181 |
| 15. St. Louis County, MO | 116 | 11.6 | 23 | 2.3 | 1,000,510 |
| 16. Warren County, MO | | | | | 29,685 |
| 17. Washington County, MO | | | | | 24,182 |

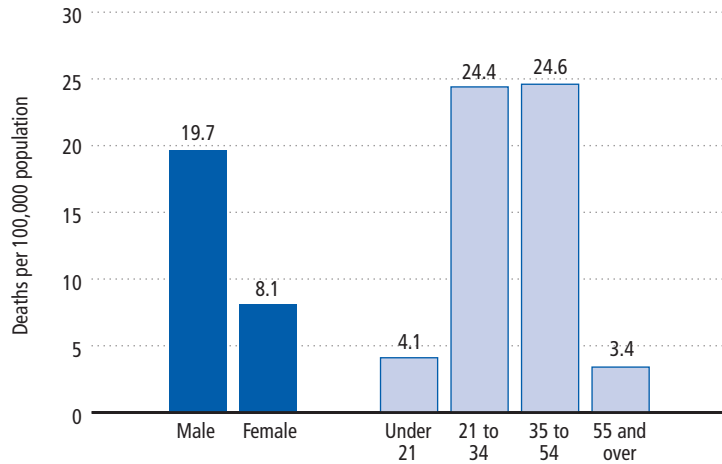
Shaded areas did not participate in DAWN this year.



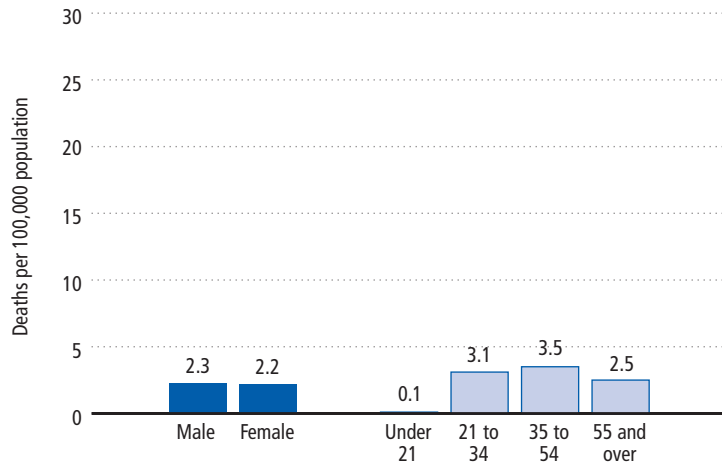
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

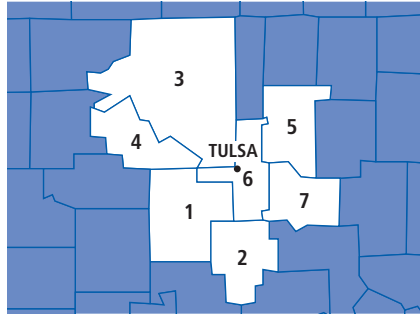
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 121 | Health care facility | 12 |
| Home | 137 | Home | 35 |
| Public place | 30 | Public place | -- |
| Other | 35 | Other | 4 |
| Not documented | -- | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 239 | 325 | 160 | 40 | 53 | 14 |
| Alcohol* | 66 | 76 | 10 | 7 | 16 | 0 |
| Cocaine | 99 | 111 | 63 | 5 | 6 | 4 |
| Marijuana | -- | -- | 0 | 0 | 0 | 0 |
| Stimulants | 9 | 12 | 6 | 0 | -- | 0 |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | 0 |
| Hallucinogens†† | 0 | 0 | 0 | 0 | -- | 0 |
| Inhalants | -- | -- | -- | 0 | 0 | 0 |
| Antidepressants | 17 | 13 | -- | 13 | 19 | -- |
| Antipsychotics | 8 | 6 | -- | 7 | -- | 0 |
| Benzodiazepines | 17 | 27 | -- | 4 | 12 | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | -- | 7 | 0 | -- | 9 | -- |
| Opiates/opioids | 119 | 208 | 70 | 10 | 19 | -- |
| Heroin (specified) | 35 | 58 | 12 | -- | -- | 0 |
| Methadone | 26 | 37 | 12 | 4 | -- | 0 |
| All other opiates/opioids | 75 | 154 | 46 | 7 | 17 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | 0 |
| Salicylates/combinations | -- | 0 | 0 | -- | -- | -- |
| Misc. analgesics/combinations | 10 | 10 | -- | 7 | 6 | -- |
| Anticonvulsants | 0 | 0 | 0 | -- | -- | 0 |
| Muscle relaxants | 10 | -- | -- | -- | 5 | 0 |

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

Tulsa, OK



Deaths reported to DAWN
 Drug-related 120
 Drug-related suicide 13

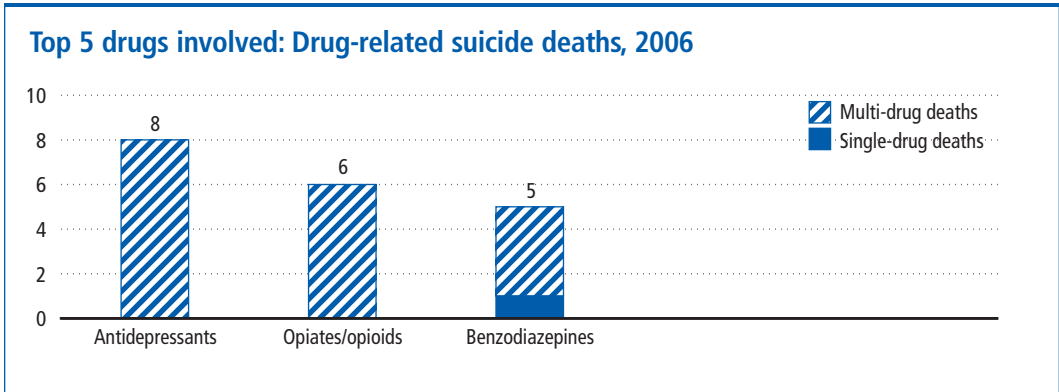
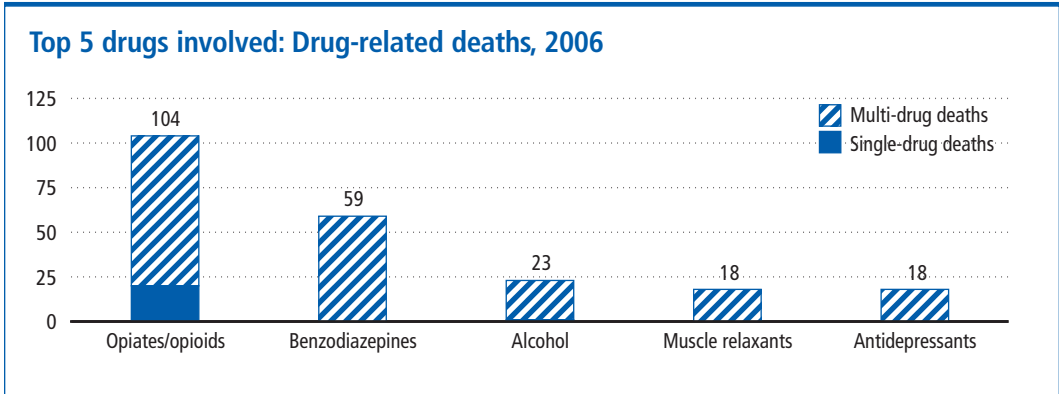
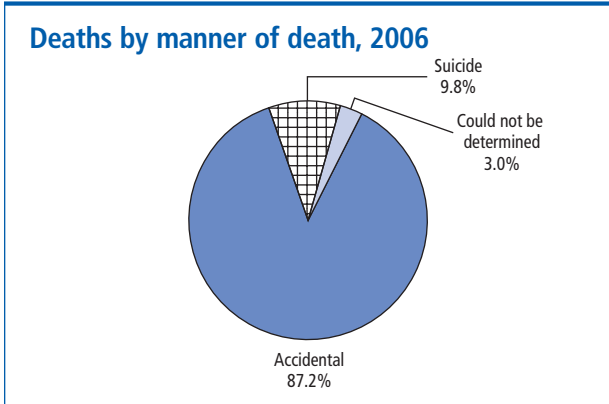
Metro area population, 2006
 897,752

Population covered by DAWN
 897,752

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2006

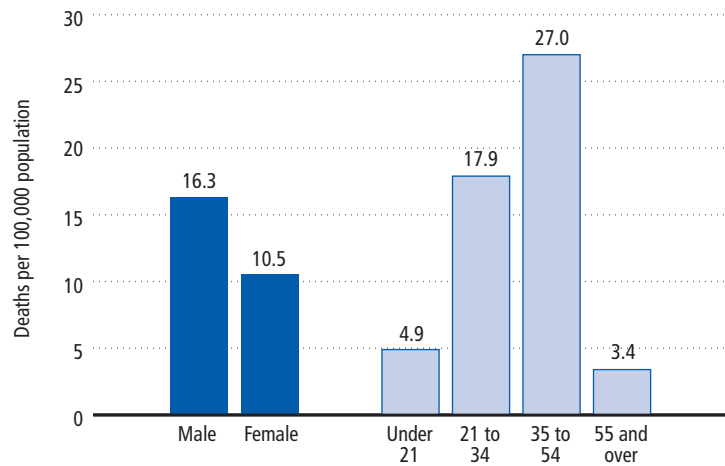
| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (7) | 120 | 13.4 | 13 | 1.4 | 897,752 |
| 1. Creek County, OK | 10 | 14.5 | 0 | 0.0 | 69,146 |
| 2. Okmulgee County, OK | 5 | 12.6 | 2 | 5.0 | 39,670 |
| 3. Osage County, OK | 4 | 8.8 | 0 | 0.0 | 45,549 |
| 4. Pawnee County, OK | 1 | 5.9 | 0 | 0.0 | 16,844 |
| 5. Rogers County, OK | 3 | 3.6 | 1 | 1.2 | 82,435 |
| 6. Tulsa County, OK | 92 | 15.9 | 10 | 1.7 | 577,795 |
| 7. Wagoner County, OK | 5 | 7.5 | 0 | 0.0 | 66,313 |



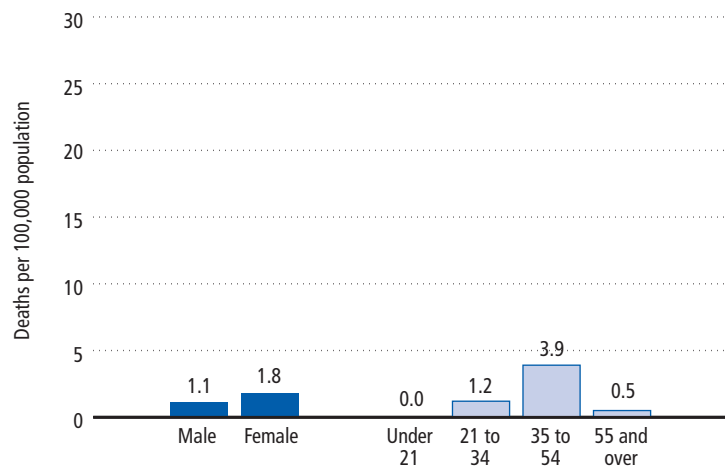
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

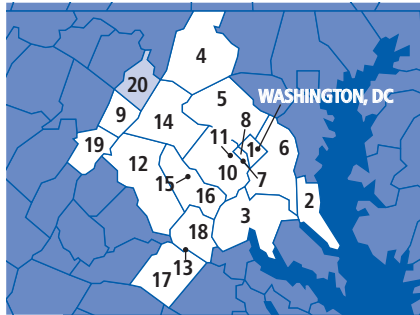
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 33 | Health care facility | 5 |
| Home | 76 | Home | 7 |
| Public place | 5 | Public place | -- |
| Other | 6 | Other | 0 |
| Not documented | 0 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 93 | 120 | 28 | 11 | 13 | -- |
| Alcohol* | 13 | 23 | -- | 5 | -- | -- |
| Cocaine | 6 | 11 | 4 | -- | 0 | -- |
| Marijuana | 0 | 0 | 0 | 0 | 0 | -- |
| Stimulants | 12 | 8 | -- | -- | 0 | -- |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | -- |
| Hallucinogens†† | 0 | 0 | 0 | 0 | 0 | -- |
| Inhalants | 0 | 0 | 0 | 0 | 0 | -- |
| Antidepressants | 27 | 18 | 0 | 5 | 8 | -- |
| Antipsychotics | -- | 4 | -- | 0 | -- | -- |
| Benzodiazepines | 39 | 59 | 0 | 5 | 5 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 9 | 12 | 0 | 4 | -- | -- |
| Opiates/opioids | 73 | 104 | 20 | 6 | 6 | -- |
| Heroin (specified) | 0 | -- | 0 | 0 | 0 | -- |
| Methadone | 36 | 50 | 12 | -- | -- | -- |
| All other opiates/opioids | 43 | 65 | 8 | 5 | 5 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | -- | 0 | 0 | 0 | -- |
| Salicylates/combinations | -- | 0 | 0 | 0 | 0 | -- |
| Misc. analgesics/combinations | 14 | 14 | 0 | -- | -- | -- |
| Anticonvulsants | 5 | -- | 0 | 0 | -- | -- |
| Muscle relaxants | 17 | 18 | 0 | -- | 0 | -- |

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

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

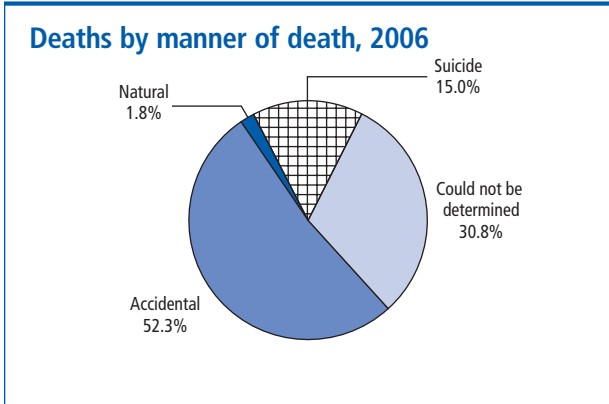


Deaths reported to DAWN
 Drug-related 328
 Drug-related suicide 58

Metro area population, 2006
 5,290,400

Population covered by DAWN
 5,239,957

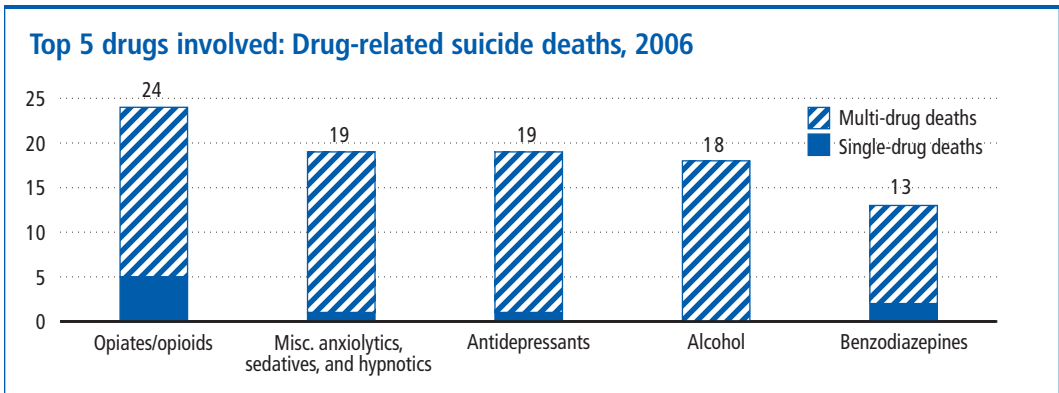
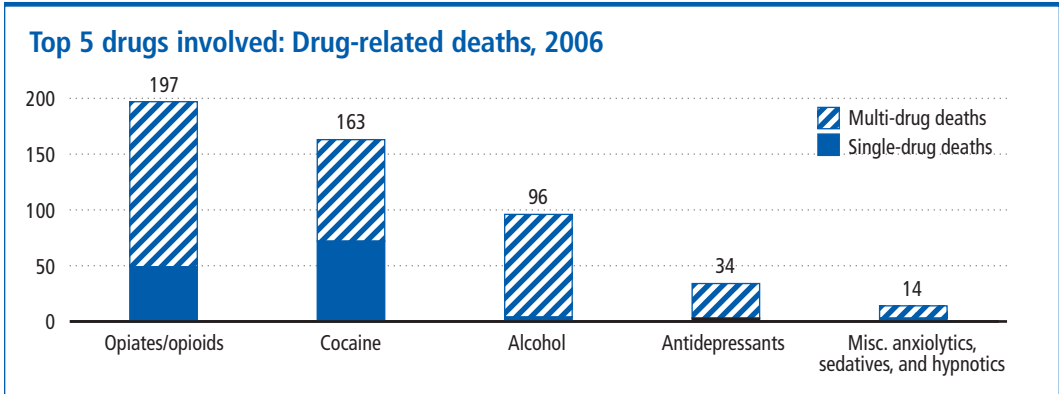
Percent of population covered by DAWN
 99%



Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|---------------------------------|--------------|------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (19) | 328 | 6.3 | 58 | 1.1 | 5,239,957 |
| 1. District of Columbia | 123 | 21.2 | 13 | 2.2 | 581,530 |
| 2. Calvert County, MD | 5 | 5.6 | 1 | 1.1 | 88,804 |
| 3. Charles County, MD | 6 | 4.3 | 1 | 0.7 | 140,416 |
| 4. Frederick County, MD | 23 | 10.3 | 1 | 0.4 | 222,938 |
| 5. Montgomery County, MD | 53 | 5.7 | 2 | 0.2 | 932,131 |
| 6. Prince George's County, MD | 40 | 4.8 | 4 | 0.5 | 841,315 |
| 7. Alexandria City, VA | 12 | 8.8 | 3 | 2.2 | 136,974 |
| 8. Arlington County, VA | 7 | 3.5 | 3 | 1.5 | 199,776 |
| 9. Clarke County, VA | 0 | 0.0 | 0 | 0.0 | 14,565 |
| 10. Fairfax County, VA | 23 | 2.2 | 9 | 0.9 | 1,032,865 |
| 11. Falls Church City, VA | 0 | 0.0 | 0 | 0.0 | 10,799 |
| 12. Fauquier County, VA | 2 | 3.0 | 1 | 1.5 | 66,170 |
| 13. Fredericksburg City, VA | 3 | 14.1 | 3 | 14.1 | 21,273 |
| 14. Loudoun County, VA | 5 | 1.9 | 4 | 1.5 | 268,817 |
| 15. Manassas City, VA | 3 | 8.2 | 1 | 2.7 | 36,638 |
| 16. Prince William County, VA | 16 | 4.3 | 6 | 1.6 | 369,145 |
| 17. Spotsylvania County, VA | 2 | 1.7 | 4 | 3.3 | 119,529 |
| 18. Stafford County, VA | 3 | 2.5 | 2 | 1.7 | 120,170 |
| 19. Warren County, VA | 2 | 5.5 | 0 | 0.0 | 36,102 |
| 20. Jefferson County, WV | | | | | 50,443 |

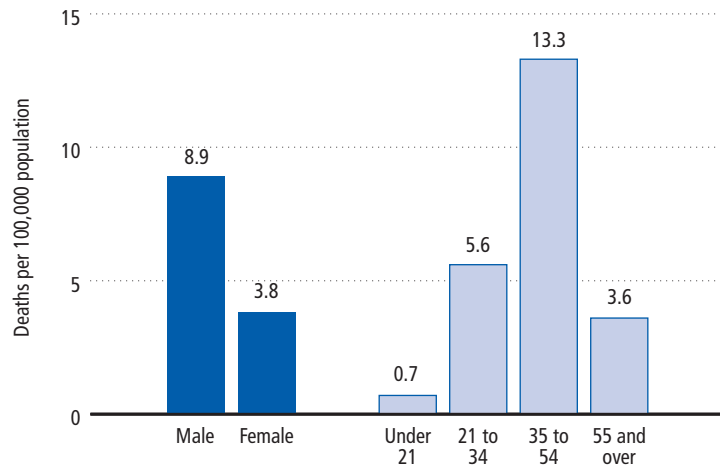
Shaded areas did not participate in DAWN this year.



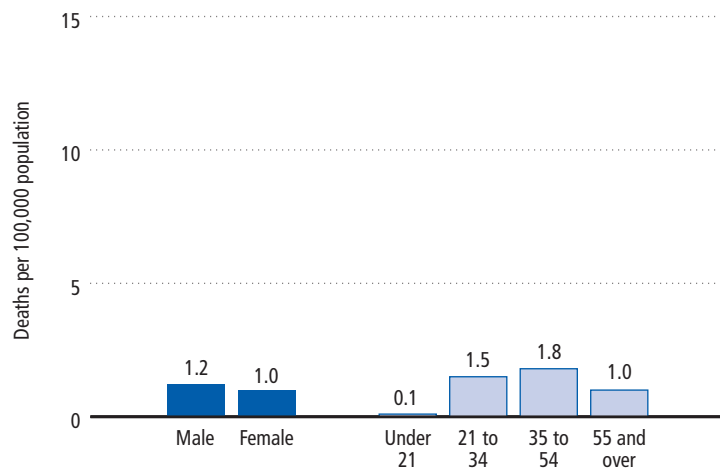
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

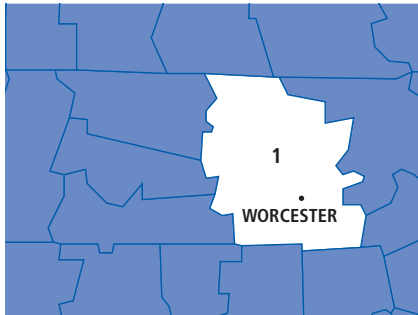
| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 128 | Health care facility | 16 |
| Home | 144 | Home | 28 |
| Public place | 15 | Public place | 4 |
| Other | 40 | Other | 10 |
| Not documented | -- | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 283 | 328 | 138 | 48 | 58 | 17 |
| Alcohol* | 69 | 96 | 4 | 15 | 18 | 0 |
| Cocaine | 149 | 163 | 72 | -- | 9 | -- |
| Marijuana | -- | 0 | 0 | 0 | 0 | 0 |
| Stimulants | -- | -- | 0 | 0 | -- | 0 |
| Club drugs† | 0 | -- | -- | 0 | 0 | 0 |
| Hallucinogens†† | 4 | 6 | 0 | -- | -- | 0 |
| Inhalants | 0 | -- | -- | -- | -- | -- |
| Antidepressants | 22 | 34 | -- | 20 | 19 | -- |
| Antipsychotics | -- | 6 | -- | 5 | 9 | -- |
| Benzodiazepines | 17 | 7 | -- | 6 | 13 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 17 | 14 | -- | 13 | 19 | -- |
| Opiates/opioids | 180 | 197 | 49 | 17 | 24 | 5 |
| Heroin (specified) | 17 | 17 | -- | 0 | 0 | 0 |
| Methadone | 51 | 54 | 15 | -- | 10 | 0 |
| All other opiates/opioids | 134 | 157 | 33 | 17 | 17 | 5 |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | -- | 0 | 0 |
| Salicylates/combinations | 0 | 0 | 0 | -- | 0 | 0 |
| Misc. analgesics/combinations | 13 | 12 | -- | 9 | 4 | -- |
| Anticonvulsants | -- | -- | 0 | 4 | 0 | 0 |
| Muscle relaxants | 5 | -- | 0 | -- | -- | 0 |

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

Worcester, MA



Deaths reported to DAWN
 Drug-related 106
 Drug-related suicide 11

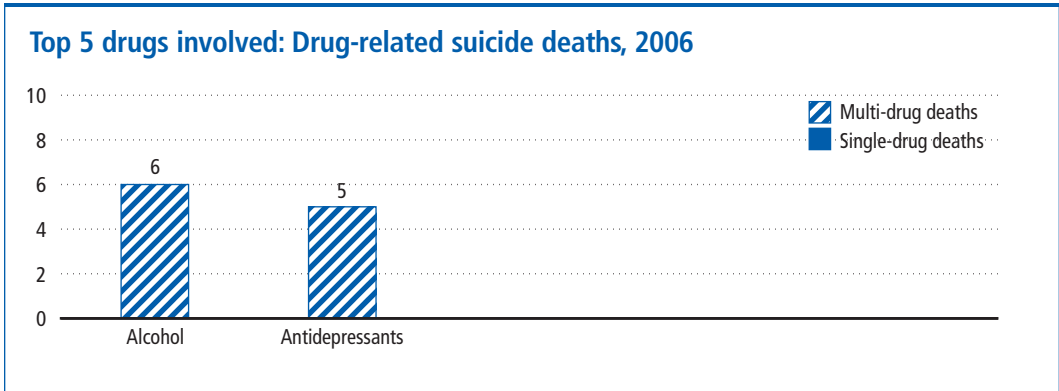
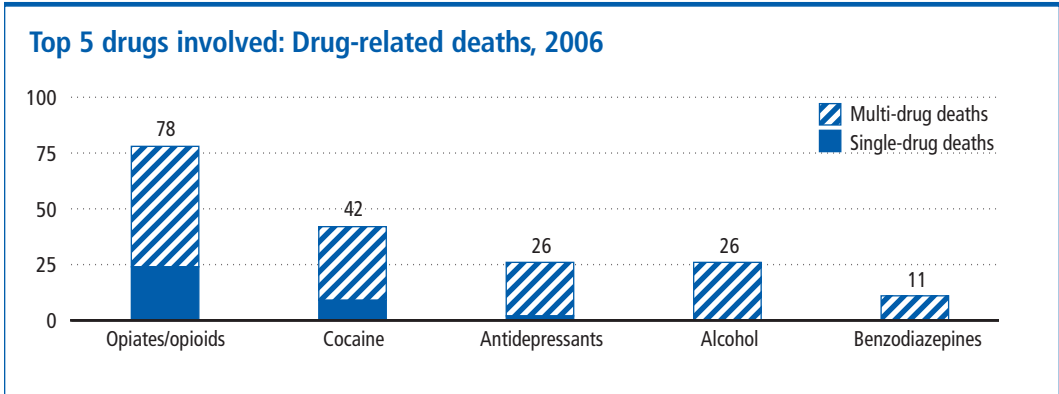
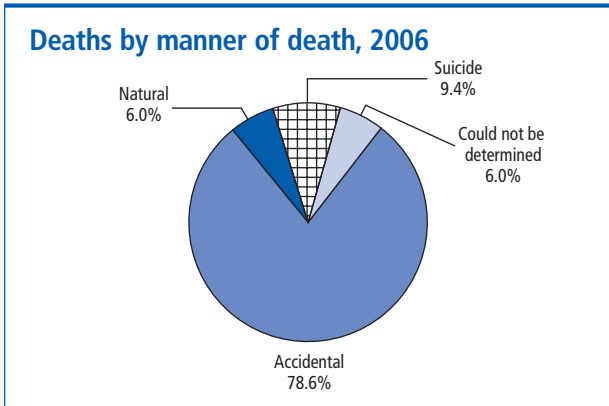
Metro area population, 2006
 784,992

Population covered by DAWN
 784,992

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2006

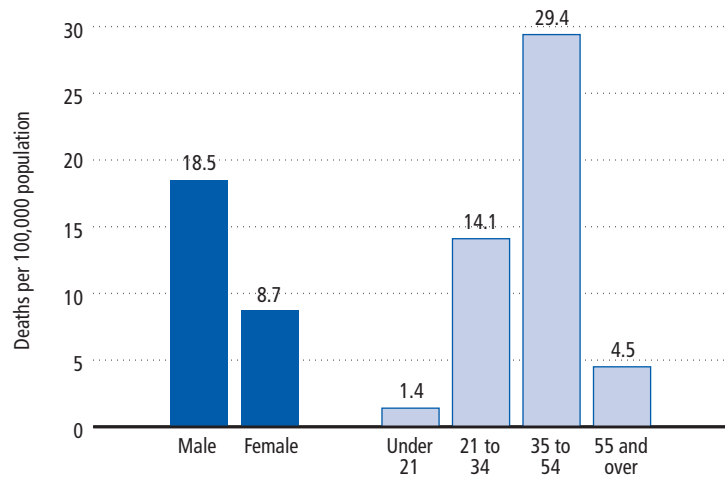
| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (1) | 106 | 13.5 | 11 | 1.4 | 784,992 |
| 1. Worcester County, MA | 106 | 13.5 | 11 | 1.4 | 784,992 |



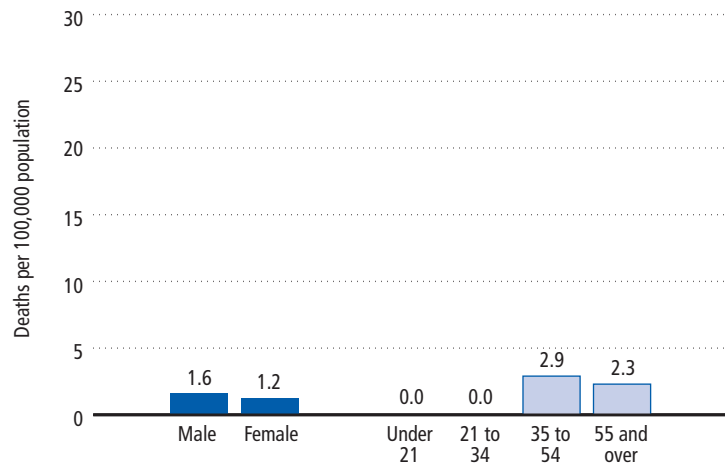
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Death rates by gender and age: Drug-related, 2006



Death rates by gender and age: Drug-related suicide, 2006



Place of death, 2006

| Drug-related | Deaths | Drug-related suicide | Deaths |
|----------------------|--------|----------------------|--------|
| Health care facility | 43 | Health care facility | -- |
| Home | 47 | Home | 7 |
| Public place | -- | Public place | -- |
| Other | 6 | Other | -- |
| Not documented | 7 | Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 90 | 106 | 37 | 11 | 11 | -- |
| Alcohol* | 24 | 26 | 0 | 4 | 6 | -- |
| Cocaine | 29 | 42 | 9 | -- | -- | -- |
| Marijuana | 4 | -- | 0 | 0 | 0 | -- |
| Stimulants | 0 | -- | 0 | 0 | -- | -- |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | -- |
| Hallucinogens†† | 0 | 0 | 0 | 0 | 0 | -- |
| Inhalants | -- | -- | -- | -- | 0 | -- |
| Antidepressants | 12 | 26 | -- | -- | 5 | -- |
| Antipsychotics | 4 | 6 | -- | -- | -- | -- |
| Benzodiazepines | -- | 11 | 0 | -- | -- | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 0 | 4 | 0 | -- | -- | -- |
| Opiates/opioids | 59 | 78 | 24 | -- | -- | -- |
| Heroin (specified) | 15 | -- | -- | 0 | 0 | -- |
| Methadone | 12 | 14 | -- | -- | 0 | -- |
| All other opiates/opioids | 34 | 66 | 20 | -- | -- | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | -- |
| Salicylates/combinations | 0 | 0 | 0 | 0 | 0 | -- |
| Misc. analgesics/combinations | -- | -- | 0 | 0 | -- | -- |
| Anticonvulsants | -- | 0 | 0 | 0 | 0 | -- |
| Muscle relaxants | 0 | -- | 0 | 0 | -- | -- |

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

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

Bangor, ME



Deaths reported to DAWN
 Drug-related 19
 Drug-related suicide 5

Metro area population, 2006
 147,180

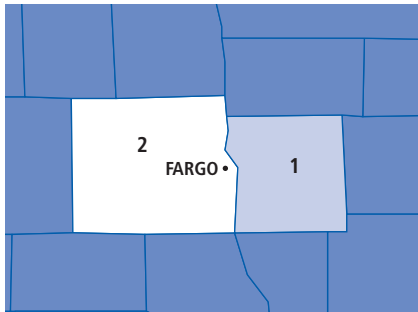
Population covered by DAWN
 147,180

Percent of population covered
 by DAWN
 100%

Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (1) | 19 | 12.9 | 5 | 3.4 | 147,180 |
| 1. Penobscot County, ME | 19 | 12.9 | 5 | 3.4 | 147,180 |

Fargo, ND-MN



Deaths reported to DAWN
 Drug-related 1
 Drug-related suicide 3

Metro area population, 2006
 187,001

Population covered by DAWN
 132,525

Percent of population covered
 by DAWN
 71%

Metro area overview: Deaths and population by county, 2006

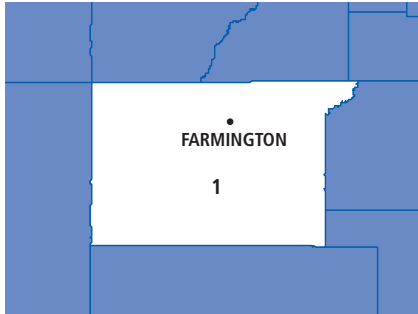
| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (1) | 1 | 0.8 | 3 | 2.3 | 132,525 |
| 1. Clay County, MN | | | | | 54,476 |
| 2. Cass County, ND | 1 | 0.8 | 3 | 2.3 | 132,525 |

Shaded areas did not participate in DAWN this year.

NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Farmington, NM

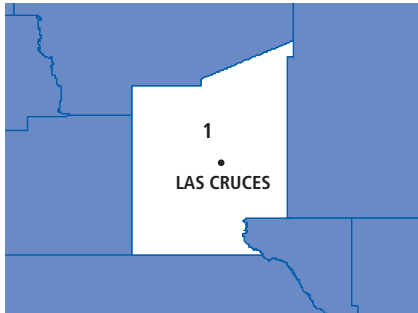


Deaths reported to DAWN
 Drug-related 8
 Drug-related suicide 5
Metro area population, 2006
 126,473
Population covered by DAWN
 126,473
Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (1) | 8 | 6.3 | 5 | 4.0 | 126,473 |
| 1. San Juan County, NM | 8 | 6.3 | 5 | 4.0 | 126,473 |

Las Cruces, NM



Deaths reported to DAWN
 Drug-related 22
 Drug-related suicide 2
Metro area population, 2006
 193,888
Population covered by DAWN
 193,888
Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (1) | 22 | 11.3 | 2 | 1.0 | 193,888 |
| 1. Doña Ana County, NM | 22 | 11.3 | 2 | 1.0 | 193,888 |

NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Lawton, OK



Deaths reported to DAWN
 Drug-related 5
 Drug-related suicide 1

Metro area population, 2006
 109,181

Population covered by DAWN
 109,181

Percent of population covered
 by DAWN
 100%

Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (1) | 5 | 4.6 | 1 | 0.9 | 109,181 |
| 1. Comanche County, OK | 5 | 4.6 | 1 | 0.9 | 109,181 |

Lewiston-Auburn, ME



Deaths reported to DAWN
 Drug-related 9
 Drug-related suicide 1

Metro area population, 2006
 107,552

Population covered by DAWN
 107,552

Percent of population covered
 by DAWN
 100%

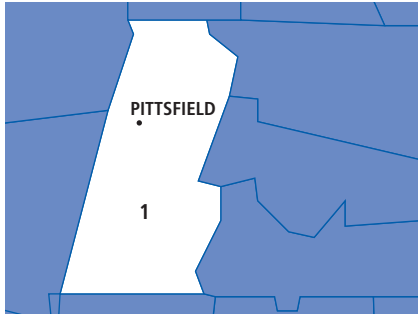
Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (1) | 9 | 8.4 | 1 | 0.9 | 107,552 |
| 1. Androscoggin County, ME | 9 | 8.4 | 1 | 0.9 | 107,552 |

NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Pittsfield, MA

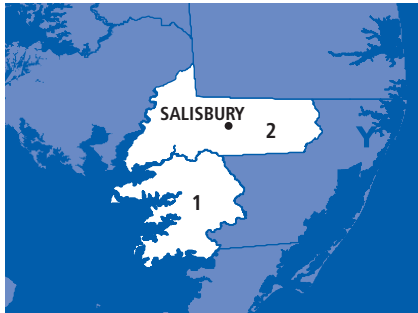


Deaths reported to DAWN
 Drug-related 9
 Drug-related suicide 1
Metro area population, 2006
 131,117
Population covered by DAWN
 131,117
Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (1) | 9 | 6.9 | 1 | 0.8 | 131,117 |
| 1. Berkshire County, MA | 9 | 6.9 | 1 | 0.8 | 131,117 |

Salisbury, MD



Deaths reported to DAWN
 Drug-related 23
 Drug-related suicide 1
Metro area population, 2006
 117,761
Population covered by DAWN
 117,761
Percent of population covered by DAWN
 100%

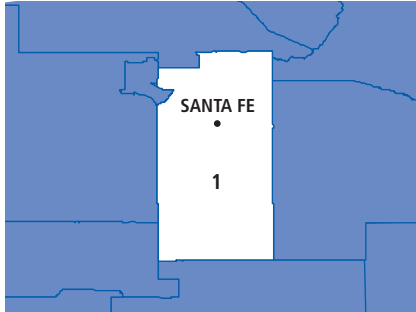
Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (2) | 23 | 19.5 | 1 | 0.8 | 117,761 |
| 1. Somerset County, MD | 4 | 15.5 | 0 | 0.0 | 25,774 |
| 2. Wicomico County, MD | 19 | 20.7 | 1 | 1.1 | 91,987 |

NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Santa Fe, NM



Deaths reported to DAWN
 Drug-related 23
 Drug-related suicide 2

Metro area population, 2006
 142,407

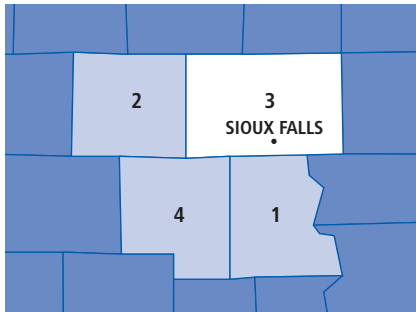
Population covered by DAWN
 142,407

Percent of population covered
 by DAWN
 100%

Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|-------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (1) | 23 | 16.2 | 2 | 1.4 | 142,407 |
| 1. Santa Fe County, NM | 23 | 16.2 | 2 | 1.4 | 142,407 |

Sioux Falls, SD



Deaths reported to DAWN
 Drug-related 1
 Drug-related suicide 2

Metro area population, 2006
 212,911

Population covered by DAWN
 163,281

Percent of population covered
 by DAWN
 77%

Metro area overview: Deaths and population by county, 2006

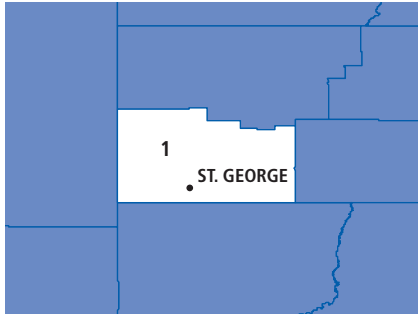
| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (1) | 1 | 0.6 | 2 | 1.2 | 163,281 |
| 1. Lincoln County, SD | | | | | 35,239 |
| 2. McCook County, SD | | | | | 5,851 |
| 3. Minnehaha County, SD | 1 | 0.6 | 2 | 1.2 | 163,281 |
| 4. Turner County, SD | | | | | 8,540 |

Shaded areas did not participate in DAWN this year.

NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

St. George, UT



Deaths reported to DAWN
 Drug-related 12
 Drug-related suicide 2

Metro area population, 2006
 126,312

Population covered by DAWN
 126,312

Percent of population covered
 by DAWN
 100%

Metro area overview: Deaths and population by county, 2006

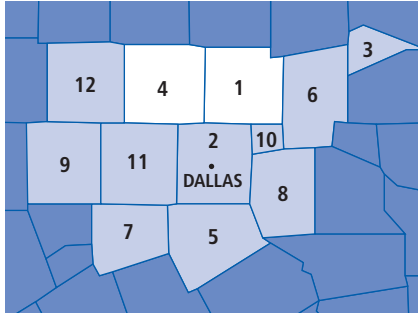
| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (1) | 12 | 9.5 | 2 | 1.6 | 126,312 |
| 1. Washington County, UT | 12 | 9.5 | 2 | 1.6 | 126,312 |

NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

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

Dallas-Fort Worth-Arlington, TX



Deaths reported to DAWN
 Drug-related 50
 Drug-related suicide 13

Metro area population, 2006
 6,003,967

Population covered by DAWN
 1,283,089

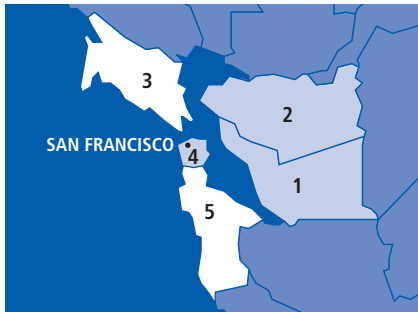
Percent of population covered
 by DAWN
 21%

Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|------------|----------------------|------------|------------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (2) | 50 | 3.9 | 13 | 1.0 | 1,283,089 |
| 1. Collin County, TX | 26 | 3.7 | 9 | 1.3 | 698,851 |
| 2. Dallas County, TX | | | | | 2,345,815 |
| 3. Delta County, TX | | | | | 5,561 |
| 4. Denton County, TX | 24 | 4.1 | 4 | 0.7 | 584,238 |
| 5. Ellis County, TX | | | | | 139,300 |
| 6. Hunt County, TX | | | | | 83,338 |
| 7. Johnson County, TX | | | | | 149,016 |
| 8. Kaufman County, TX | | | | | 93,241 |
| 9. Parker County, TX | | | | | 106,266 |
| 10. Rockwall County, TX | | | | | 69,155 |
| 11. Tarrant County, TX | | | | | 1,671,295 |
| 12. Wise County, TX | | | | | 57,891 |

Shaded areas did not participate in DAWN this year.

San Francisco-Oakland-Fremont, CA



Deaths reported to DAWN
 Drug-related 62
 Drug-related suicide 20

Metro area population, 2006
 4,180,027

Population covered by DAWN
 954,241

Percent of population covered
 by DAWN
 23%

Metro area overview: Deaths and population by county, 2006

| Metro area component | Drug-related | | Drug-related suicide | | Population |
|--------------------------------|--------------|------------|----------------------|------------|----------------|
| | Deaths | Rate | Deaths | Rate | |
| Total participating (2) | 62 | 6.5 | 20 | 2.1 | 954,241 |
| 1. Alameda County, CA | | | | | 1,457,426 |
| 2. Contra Costa County, CA | | | | | 1,024,319 |
| 3. Marin County, CA | 20 | 8.0 | 13 | 5.2 | 248,742 |
| 4. San Francisco County, CA | | | | | 744,041 |
| 5. San Mateo County, CA | 42 | 6.0 | 7 | 1.0 | 705,499 |

Shaded areas did not participate in DAWN this year.

NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

AREA SPOTLIGHTS

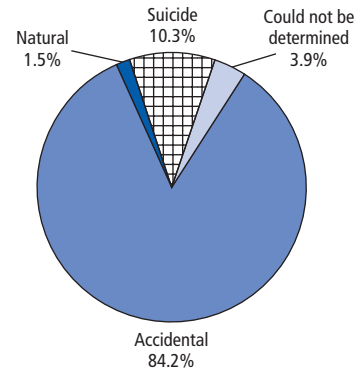
Albuquerque, NM: Bernalillo County, NM



Bernalillo County, NM: Deaths and population, 2006

| | |
|--------------------------------------|---------|
| Deaths reported to DAWN | |
| Drug-related..... | 182 |
| Drug-related suicide..... | 21 |
| Population | |
| | 615,099 |
| Deaths per 100,000 population | |
| Drug-related..... | 29.6 |
| Drug-related suicide..... | 3.4 |

Deaths by manner of death, 2006



Place of death, 2006

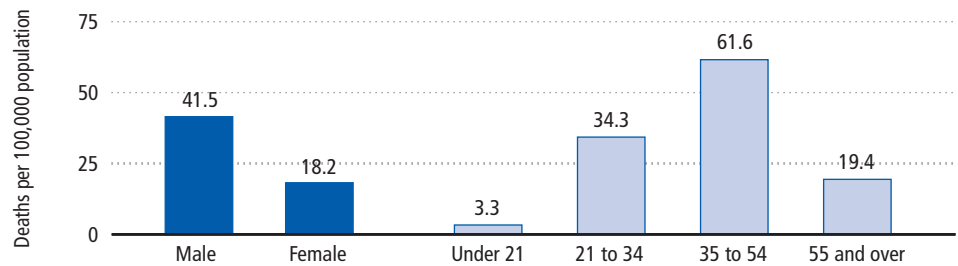
| | | |
|-----------------------------|--|---------------|
| Drug-related | | Deaths |
| Health care facility..... | | 25 |
| Home..... | | 85 |
| Public place..... | | 17 |
| Other..... | | 55 |
| Not documented..... | | 0 |
| Drug-related suicide | | Deaths |
| Health care facility..... | | -- |
| Home..... | | 16 |
| Public place..... | | 0 |
| Other..... | | -- |
| Not documented..... | | 0 |

Drug-related deaths by drug category, 2005-2006

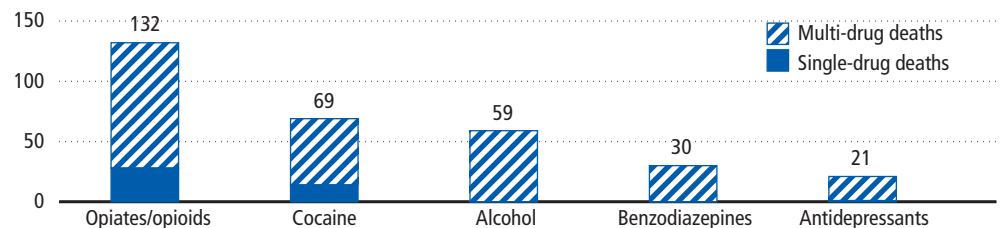
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 142 | 182 | 51 | 18 | 21 | -- |
| Alcohol* | 50 | 59 | 0 | 6 | 4 | -- |
| Cocaine | 62 | 69 | 14 | -- | 5 | -- |
| Marijuana | 5 | 5 | 0 | 0 | 0 | -- |
| Stimulants | 10 | 12 | 5 | -- | 0 | -- |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | -- |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 | -- |
| Inhalants | -- | -- | 0 | 0 | 0 | -- |
| Antidepressants | 16 | 21 | -- | -- | 9 | -- |
| Antipsychotics | -- | 5 | 0 | 0 | 4 | -- |
| Benzodiazepines | 22 | 30 | 0 | 4 | 7 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 5 | 4 | 0 | -- | -- | -- |
| Opiates/opioids | 109 | 132 | 28 | 10 | 8 | -- |
| Heroin (specified) | 54 | 52 | 14 | -- | -- | -- |
| Methadone | 20 | 28 | 4 | 0 | -- | -- |
| All other opiates/opioids | 45 | 60 | 10 | 8 | 4 | -- |
| Nonsteroidal anti-inflammatory agents | -- | 0 | 0 | 0 | 0 | -- |
| Salicylates/combinations | 0 | -- | 0 | -- | 0 | -- |
| Misc. analgesics/combinations | -- | -- | 0 | 0 | -- | -- |
| Anticonvulsants | 4 | 11 | 0 | -- | -- | -- |
| Muscle relaxants | 6 | 6 | 0 | -- | -- | -- |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

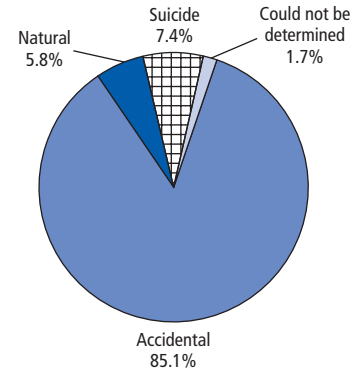
Atlanta-Sandy Springs-Marietta, GA: Fulton County, GA



Fulton County, GA: Deaths and population, 2006

| | |
|--------------------------------------|---------|
| Deaths reported to DAWN | |
| Drug-related..... | 112 |
| Drug-related suicide..... | 9 |
| Population | 960,009 |
| Deaths per 100,000 population | |
| Drug-related..... | 11.7 |
| Drug-related suicide..... | 0.9 |

Deaths by manner of death, 2006



Place of death, 2006

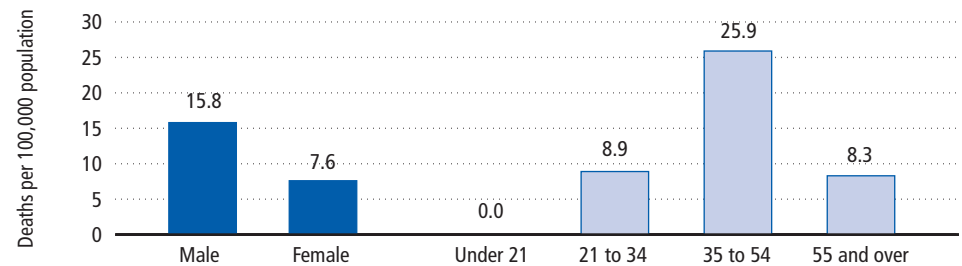
| | | |
|-----------------------------|-------|---------------|
| Drug-related | | Deaths |
| Health care facility | ..... | 41 |
| Home | ..... | 52 |
| Public place | ..... | 7 |
| Other | ..... | 12 |
| Not documented | ..... | 0 |
| Drug-related suicide | | Deaths |
| Health care facility | ..... | 0 |
| Home | ..... | 8 |
| Public place | ..... | -- |
| Other | ..... | 0 |
| Not documented | ..... | 0 |

Drug-related deaths by drug category, 2005-2006

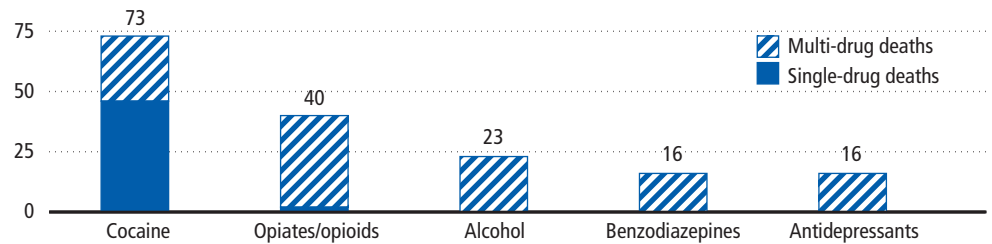
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 76 | 112 | 53 | 9 | 9 | -- |
| Alcohol* | 23 | 23 | 0 | -- | -- | -- |
| Cocaine | 47 | 73 | 46 | -- | -- | -- |
| Marijuana | -- | 0 | 0 | 0 | 0 | -- |
| Stimulants | 4 | 6 | -- | -- | -- | -- |
| Club drugs† | -- | 5 | -- | 0 | 0 | -- |
| Hallucinogens** | 0 | -- | 0 | 0 | 0 | -- |
| Inhalants | 0 | 0 | 0 | 0 | -- | -- |
| Antidepressants | 7 | 16 | 0 | 6 | -- | -- |
| Antipsychotics | -- | 5 | 0 | -- | -- | -- |
| Benzodiazepines | 15 | 16 | 0 | 5 | -- | -- |
| Misc. anxiolytics, sedatives, and hypnotics | -- | 7 | 0 | 0 | -- | -- |
| Opiates/opioids | 31 | 40 | -- | -- | -- | -- |
| Heroin (specified) | -- | 0 | 0 | 0 | 0 | -- |
| Methadone | 6 | 6 | 0 | 0 | 0 | -- |
| All other opiates/opioids | 28 | 36 | -- | -- | -- | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | -- |
| Salicylates/combinations | 0 | 0 | 0 | 0 | 0 | -- |
| Misc. analgesics/combinations | -- | -- | 0 | -- | -- | -- |
| Anticonvulsants | 0 | -- | -- | 0 | 0 | -- |
| Muscle relaxants | -- | 4 | 0 | 0 | -- | -- |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

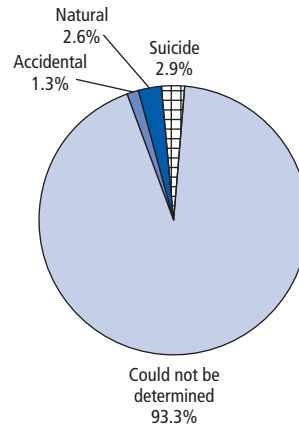
Baltimore-Towson, MD: Baltimore City, MD



Baltimore City, MD: Deaths and population, 2006

| | |
|--------------------------------------|---------|
| Deaths reported to DAWN | |
| Drug-related..... | 303 |
| Drug-related suicide..... | 9 |
| Population | 631,366 |
| Deaths per 100,000 population | |
| Drug-related..... | 48.0 |
| Drug-related suicide..... | 1.4 |

Deaths by manner of death, 2006



Place of death, 2006

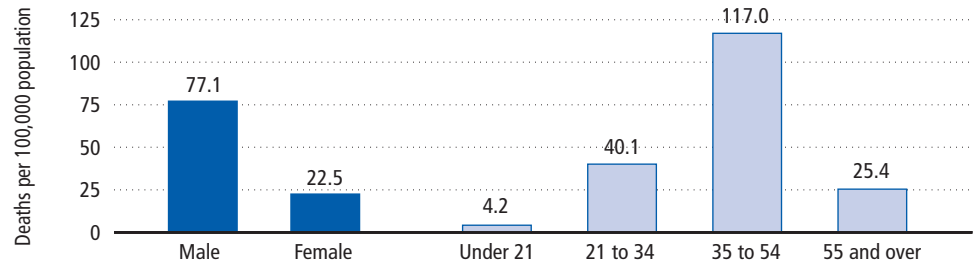
| | |
|-----------------------------|---------------|
| Drug-related | Deaths |
| Health care facility..... | 155 |
| Home..... | 82 |
| Public place..... | 10 |
| Other..... | 55 |
| Not documented..... | -- |
| Drug-related suicide | Deaths |
| Health care facility..... | 6 |
| Home..... | -- |
| Public place..... | 0 |
| Other..... | -- |
| Not documented..... | 0 |

Drug-related deaths by drug category, 2005-2006

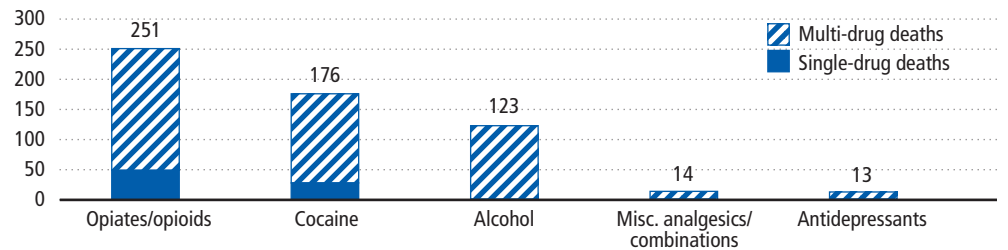
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 285 | 303 | 81 | -- | 9 | 4 |
| Alcohol* | 88 | 123 | -- | -- | -- | 0 |
| Cocaine | 109 | 176 | 28 | -- | -- | -- |
| Marijuana | 0 | -- | 0 | -- | 0 | 0 |
| Stimulants | -- | 0 | 0 | -- | 0 | 0 |
| Club drugs† | 0 | 0 | 0 | -- | 0 | 0 |
| Hallucinogens** | -- | -- | 0 | -- | 0 | 0 |
| Inhalants | 0 | 0 | 0 | -- | 0 | 0 |
| Antidepressants | 21 | 13 | -- | -- | -- | -- |
| Antipsychotics | -- | 4 | -- | -- | 0 | 0 |
| Benzodiazepines | 6 | 4 | 0 | -- | 0 | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | 17 | 8 | 0 | -- | 0 | 0 |
| Opiates/opioids | 245 | 251 | 49 | -- | 0 | 0 |
| Heroin (specified) | 10 | 11 | 0 | -- | 0 | 0 |
| Methadone | 72 | 70 | 20 | -- | 0 | 0 |
| All other opiates/opioids | 197 | 208 | 29 | -- | 0 | 0 |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | -- | 0 | 0 |
| Salicylates/combinations | 0 | -- | 0 | -- | -- | 0 |
| Misc. analgesics/combinations | 17 | 14 | -- | -- | -- | -- |
| Anticonvulsants | 0 | -- | 0 | -- | -- | 0 |
| Muscle relaxants | 4 | -- | 0 | -- | -- | 0 |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

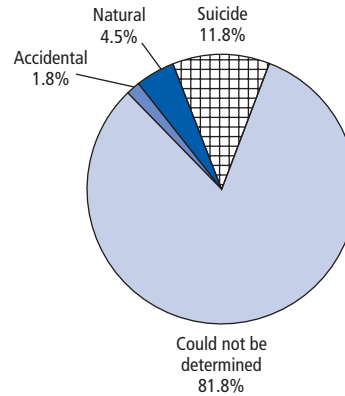
Baltimore-Towson, MD: Baltimore County, MD



Baltimore County, MD: Deaths and population, 2006

| | |
|--------------------------------------|---------|
| Deaths reported to DAWN | |
| Drug-related..... | 97 |
| Drug-related suicide..... | 13 |
| Population | 787,384 |
| Deaths per 100,000 population | |
| Drug-related..... | 12.3 |
| Drug-related suicide..... | 1.7 |

Deaths by manner of death, 2006



Place of death, 2006

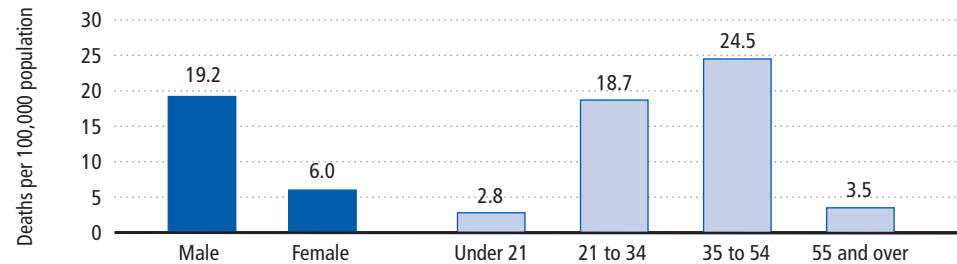
| | | |
|-----------------------------|--|---------------|
| Drug-related | | Deaths |
| Health care facility..... | | 21 |
| Home..... | | 62 |
| Public place..... | | -- |
| Other..... | | 12 |
| Not documented..... | | 0 |
| Drug-related suicide | | Deaths |
| Health care facility..... | | 0 |
| Home..... | | 12 |
| Public place..... | | 0 |
| Other..... | | -- |
| Not documented..... | | 0 |

Drug-related deaths by drug category, 2005-2006

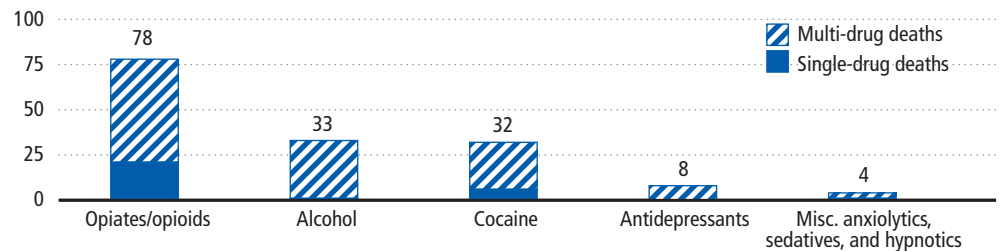
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 87 | 97 | 33 | 12 | 13 | -- |
| Alcohol* | 26 | 33 | -- | -- | 5 | -- |
| Cocaine | 37 | 32 | 6 | -- | -- | -- |
| Marijuana | 0 | 0 | 0 | 0 | 0 | -- |
| Stimulants | 0 | 0 | 0 | 0 | 0 | -- |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | -- |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 | -- |
| Inhalants | 0 | 0 | 0 | 0 | 0 | -- |
| Antidepressants | 6 | 8 | 0 | 4 | -- | -- |
| Antipsychotics | -- | 4 | -- | -- | -- | -- |
| Benzodiazepines | 4 | -- | -- | -- | 4 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 5 | 4 | -- | 4 | -- | -- |
| Opiates/opioids | 67 | 78 | 21 | 4 | 5 | -- |
| Heroin (specified) | -- | 0 | 0 | 0 | 0 | -- |
| Methadone | 29 | 30 | 9 | -- | 0 | -- |
| All other opiates/opioids | 45 | 59 | 12 | 4 | 5 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | -- |
| Salicylates/combinations | 0 | 0 | 0 | 0 | 0 | -- |
| Misc. analgesics/combinations | 4 | -- | -- | 4 | -- | -- |
| Anticonvulsants | -- | -- | -- | -- | 0 | -- |
| Muscle relaxants | -- | -- | 0 | -- | -- | -- |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

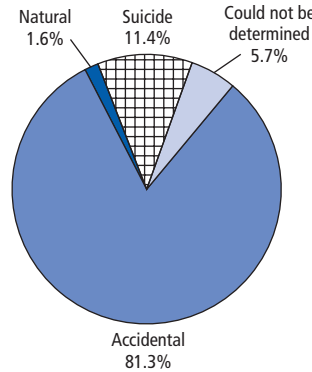
Boston-Cambridge-Quincy, MA-NH: Essex County, MA



Essex County, MA: Deaths and population, 2006

| | |
|--------------------------------------|---------|
| Deaths reported to DAWN | |
| Drug-related..... | 109 |
| Drug-related suicide..... | 14 |
| Population | 735,958 |
| Deaths per 100,000 population | |
| Drug-related..... | 14.8 |
| Drug-related suicide..... | 1.9 |

Deaths by manner of death, 2006



Place of death, 2006

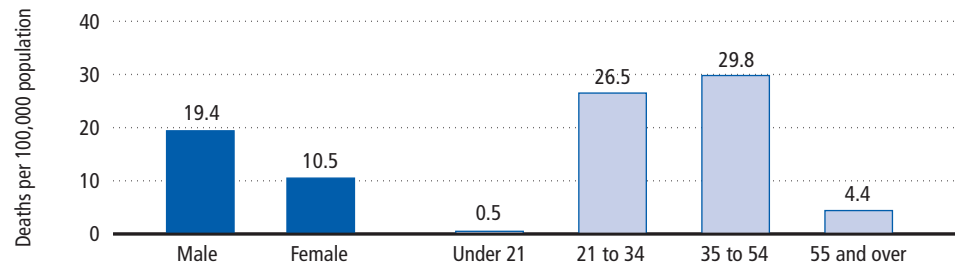
| | | |
|-----------------------------|-------|---------------|
| Drug-related | | Deaths |
| Health care facility | ..... | 32 |
| Home | ..... | 59 |
| Public place | ..... | -- |
| Other | ..... | 6 |
| Not documented | ..... | 9 |
| Drug-related suicide | | Deaths |
| Health care facility | ..... | -- |
| Home | ..... | 11 |
| Public place | ..... | 0 |
| Other | ..... | -- |
| Not documented | ..... | 0 |

Drug-related deaths by drug category, 2005-2006

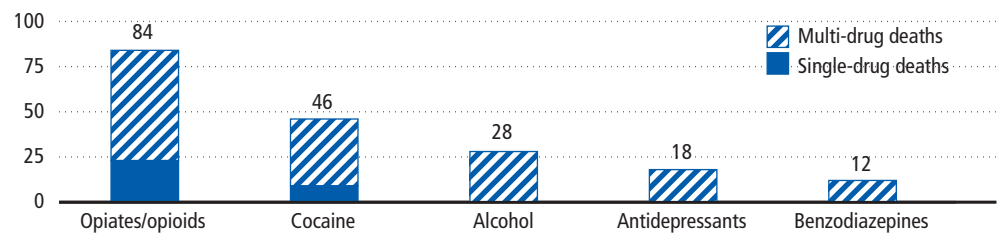
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 116 | 109 | 35 | 11 | 14 | 6 |
| Alcohol* | 40 | 28 | 0 | 5 | -- | 0 |
| Cocaine | 47 | 46 | 9 | -- | -- | 0 |
| Marijuana | -- | 0 | 0 | 0 | 0 | 0 |
| Stimulants | 0 | -- | 0 | 0 | 0 | 0 |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | 0 |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | 0 | -- | -- | 0 | -- | -- |
| Antidepressants | 12 | 18 | 0 | 7 | 7 | -- |
| Antipsychotics | -- | -- | 0 | -- | -- | -- |
| Benzodiazepines | 17 | 12 | 0 | -- | -- | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | -- | 9 | -- | 0 | -- | -- |
| Opiates/opioids | 86 | 84 | 23 | -- | 5 | -- |
| Heroin (specified) | 24 | 8 | 0 | 0 | 0 | 0 |
| Methadone | 20 | 25 | 9 | 0 | 0 | 0 |
| All other opiates/opioids | 51 | 58 | 14 | -- | 5 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | -- | 0 | 0 |
| Salicylates/combinations | -- | 0 | 0 | 0 | 0 | 0 |
| Misc. analgesics/combinations | -- | -- | -- | -- | 0 | 0 |
| Anticonvulsants | 0 | 0 | 0 | -- | 0 | 0 |
| Muscle relaxants | -- | -- | 0 | 0 | -- | 0 |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

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



**Middlesex County, MA:
Deaths and population, 2006**

Deaths reported to DAWN

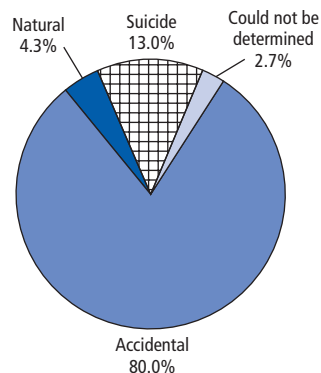
Drug-related..... 161
Drug-related suicide..... 24

Population 1,467,016

Deaths per 100,000 population

Drug-related..... 11.0
Drug-related suicide..... 1.6

Deaths by manner of death, 2006



Place of death, 2006

| Drug-related | Deaths |
|----------------------|--------|
| Health care facility | 47 |
| Home | 82 |
| Public place | -- |
| Other | 16 |
| Not documented | 15 |

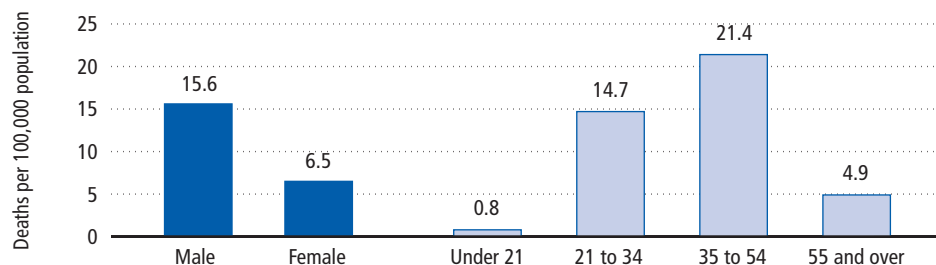
| Drug-related suicide | Deaths |
|----------------------|--------|
| Health care facility | 6 |
| Home | 10 |
| Public place | 0 |
| Other | 4 |
| Not documented | 4 |

Drug-related deaths by drug category, 2005-2006

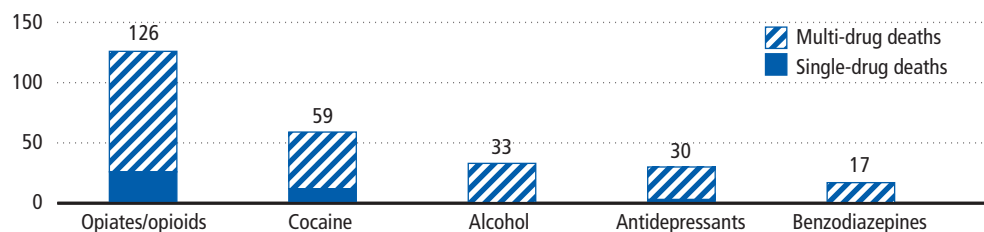
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 150 | 161 | 45 | 20 | 24 | 7 |
| Alcohol* | 44 | 33 | 0 | 6 | 4 | 0 |
| Cocaine | 60 | 59 | 12 | -- | -- | 0 |
| Marijuana | -- | -- | 0 | 0 | 0 | 0 |
| Stimulants | 5 | -- | 0 | 0 | 0 | 0 |
| Club drugs† | -- | 0 | 0 | 0 | 0 | 0 |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | 0 | -- | -- | 0 | 4 | -- |
| Antidepressants | 22 | 30 | -- | 6 | 12 | -- |
| Antipsychotics | 6 | 6 | -- | 5 | 5 | 0 |
| Benzodiazepines | 16 | 17 | 0 | -- | -- | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | -- | 5 | 0 | -- | 5 | 0 |
| Opiates/opioids | 122 | 126 | 26 | 8 | 7 | -- |
| Heroin (specified) | 37 | 4 | 0 | 0 | 0 | 0 |
| Methadone | 21 | 38 | 7 | -- | -- | -- |
| All other opiates/opioids | 69 | 98 | 19 | 8 | 5 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | 0 |
| Salicylates/combinations | 0 | 0 | 0 | 0 | 0 | 0 |
| Misc. analgesics/combinations | -- | 0 | 0 | 0 | -- | 0 |
| Anticonvulsants | 0 | -- | 0 | 0 | -- | 0 |
| Muscle relaxants | 0 | 0 | 0 | 0 | 0 | 0 |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

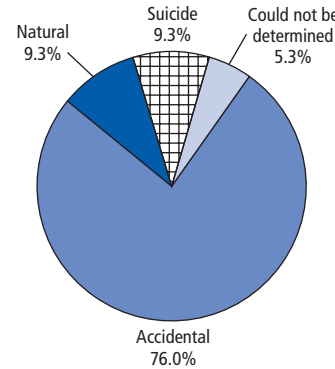
Boston-Cambridge-Quincy, MA-NH: Norfolk County, MA



Norfolk County, MA: Deaths and population, 2006

| | |
|--------------------------------------|---------|
| Deaths reported to DAWN | |
| Drug-related..... | 68 |
| Drug-related suicide..... | 7 |
| Population | 654,753 |
| Deaths per 100,000 population | |
| Drug-related..... | 10.4 |
| Drug-related suicide..... | 1.1 |

Deaths by manner of death, 2006



Place of death, 2006

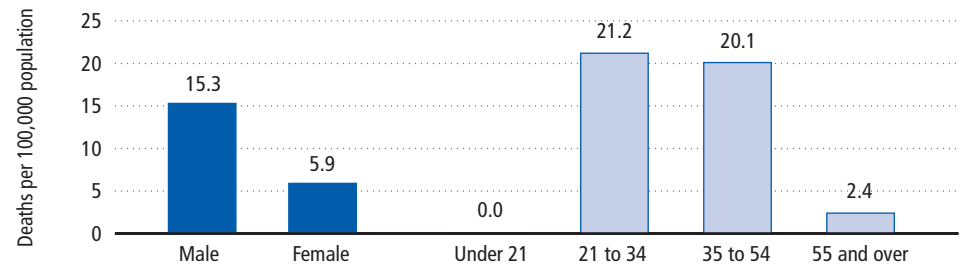
| | |
|-----------------------------|---------------|
| Drug-related | Deaths |
| Health care facility..... | 10 |
| Home..... | 42 |
| Public place..... | -- |
| Other..... | 7 |
| Not documented..... | 6 |
| Drug-related suicide | |
| Health care facility..... | -- |
| Home..... | -- |
| Public place..... | 0 |
| Other..... | -- |
| Not documented..... | 0 |

Drug-related deaths by drug category, 2005-2006

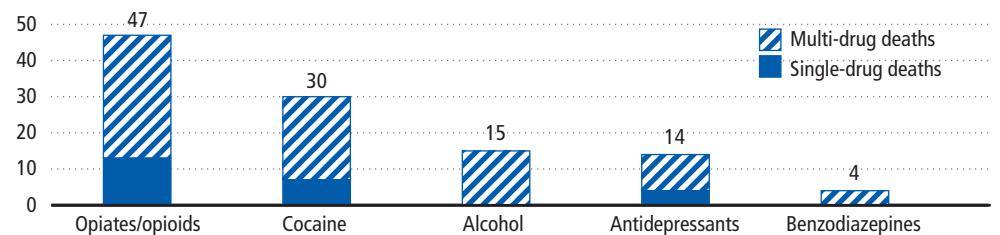
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 60 | 68 | 27 | 11 | 7 | 4 |
| Alcohol* | 21 | 15 | 0 | 4 | -- | 0 |
| Cocaine | 22 | 30 | 7 | -- | -- | 0 |
| Marijuana | 0 | -- | 0 | 0 | 0 | 0 |
| Stimulants | 0 | -- | 0 | 0 | 0 | 0 |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | 0 |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | 0 | -- | -- | 0 | 0 | 0 |
| Antidepressants | -- | 14 | 4 | 4 | -- | -- |
| Antipsychotics | -- | -- | 0 | -- | 0 | 0 |
| Benzodiazepines | 5 | 4 | 0 | -- | -- | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | -- | -- | -- | -- | -- | -- |
| Opiates/opioids | 43 | 47 | 13 | -- | -- | -- |
| Heroin (specified) | 11 | 4 | 0 | 0 | -- | -- |
| Methadone | -- | 15 | 5 | 0 | -- | 0 |
| All other opiates/opioids | 32 | 35 | 8 | -- | 0 | 0 |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | 0 |
| Salicylates/combinations | -- | 0 | 0 | -- | 0 | 0 |
| Misc. analgesics/combinations | -- | -- | 0 | -- | 0 | 0 |
| Anticonvulsants | 0 | -- | 0 | 0 | 0 | 0 |
| Muscle relaxants | 0 | 0 | 0 | 0 | 0 | 0 |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

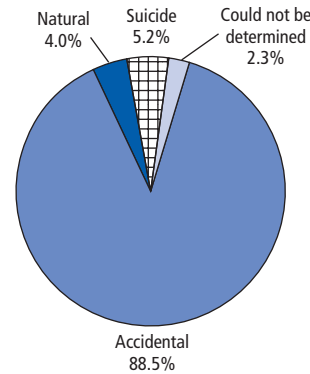
Boston-Cambridge-Quincy, MA-NH: Suffolk County, MA



Suffolk County, MA: Deaths and population, 2006

| | |
|--------------------------------------|---------|
| Deaths reported to DAWN | |
| Drug-related..... | 165 |
| Drug-related suicide..... | 9 |
| Population | 687,610 |
| Deaths per 100,000 population | |
| Drug-related..... | 24.0 |
| Drug-related suicide..... | 1.3 |

Deaths by manner of death, 2006



Place of death, 2006

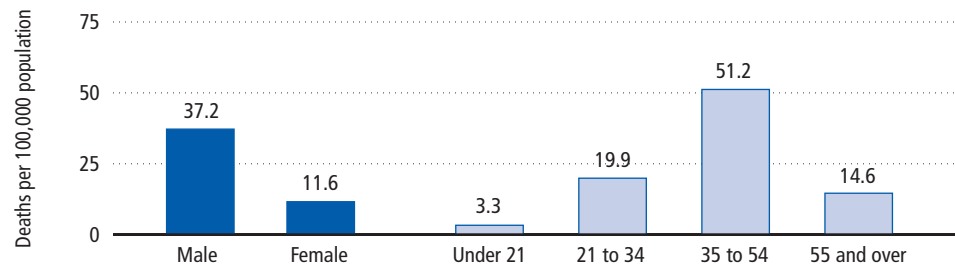
| Drug-related | | Deaths |
|-----------------------------|-------|---------------|
| Health care facility | ..... | 45 |
| Home | ..... | 89 |
| Public place | ..... | 8 |
| Other | ..... | 10 |
| Not documented | ..... | 13 |
| Drug-related suicide | | Deaths |
| Health care facility | ..... | -- |
| Home | ..... | 5 |
| Public place | ..... | 0 |
| Other | ..... | -- |
| Not documented | ..... | 0 |

Drug-related deaths by drug category, 2005-2006

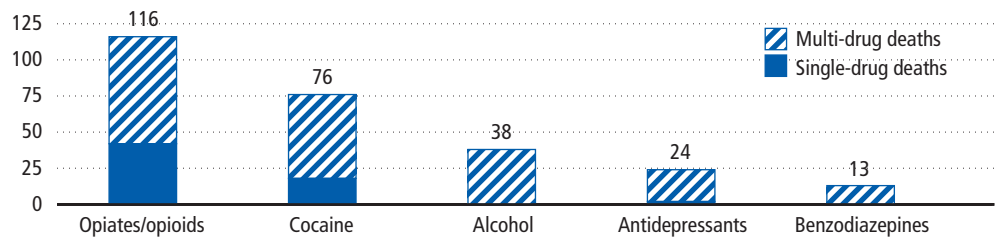
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 155 | 165 | 70 | -- | 9 | -- |
| Alcohol* | 51 | 38 | 0 | -- | 4 | -- |
| Cocaine | 67 | 76 | 18 | -- | 0 | -- |
| Marijuana | 5 | 0 | 0 | -- | 0 | -- |
| Stimulants | -- | -- | 0 | -- | 0 | -- |
| Club drugs† | -- | 0 | 0 | -- | 0 | -- |
| Hallucinogens** | 0 | 0 | 0 | -- | 0 | -- |
| Inhalants | 0 | -- | 0 | -- | 0 | -- |
| Antidepressants | 12 | 24 | -- | -- | 4 | -- |
| Antipsychotics | -- | 7 | -- | -- | 0 | -- |
| Benzodiazepines | 16 | 13 | 0 | -- | -- | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 0 | 4 | 0 | -- | -- | -- |
| Opiates/opioids | 115 | 116 | 42 | -- | -- | -- |
| Heroin (specified) | 18 | 9 | -- | -- | 0 | -- |
| Methadone | 19 | 19 | 7 | -- | 0 | -- |
| All other opiates/opioids | 87 | 98 | 32 | -- | -- | -- |
| Nonsteroidal anti-inflammatory agents | -- | 0 | 0 | -- | 0 | -- |
| Salicylates/combinations | -- | 0 | 0 | -- | 0 | -- |
| Misc. analgesics/combinations | -- | 5 | -- | -- | -- | -- |
| Anticonvulsants | 0 | -- | 0 | -- | 0 | -- |
| Muscle relaxants | 0 | 0 | 0 | -- | -- | -- |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

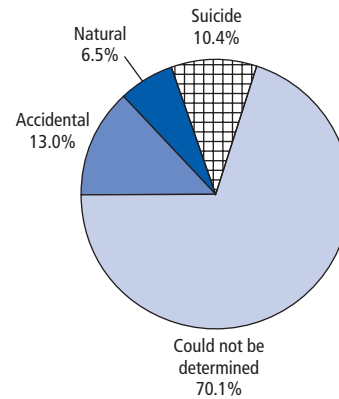
Buffalo-Niagara Falls, NY: Erie County, NY



Erie County, NY: Deaths and population, 2006

| | |
|--------------------------------------|---------|
| Deaths reported to DAWN | |
| Drug-related..... | 69 |
| Drug-related suicide..... | 8 |
| Population | 921,390 |
| Deaths per 100,000 population | |
| Drug-related..... | 7.5 |
| Drug-related suicide..... | 0.9 |

Deaths by manner of death, 2006



Place of death, 2006

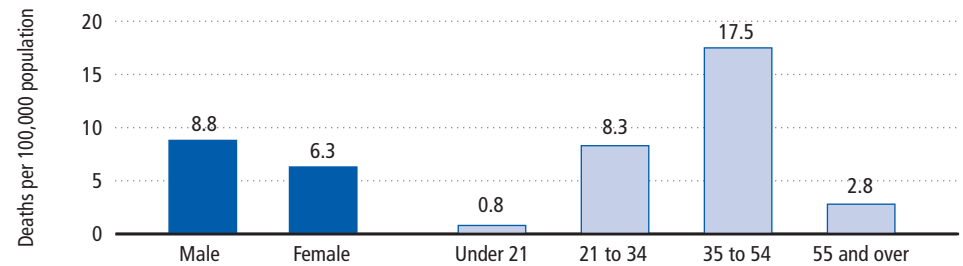
| | | |
|-----------------------------|-------|---------------|
| Drug-related | | Deaths |
| Health care facility | ..... | 26 |
| Home | ..... | 36 |
| Public place | ..... | -- |
| Other | ..... | 6 |
| Not documented | ..... | 0 |
| Drug-related suicide | | Deaths |
| Health care facility | ..... | -- |
| Home | ..... | 4 |
| Public place | ..... | -- |
| Other | ..... | 0 |
| Not documented | ..... | 0 |

Drug-related deaths by drug category, 2005-2006

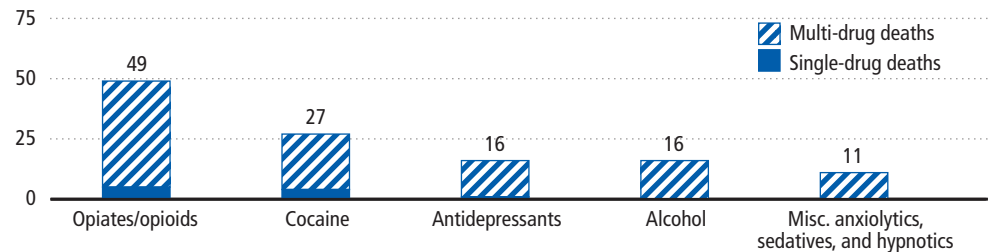
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 82 | 69 | 12 | 11 | 8 | -- |
| Alcohol* | 15 | 16 | 0 | -- | -- | -- |
| Cocaine | 21 | 27 | 4 | -- | 0 | -- |
| Marijuana | 16 | 11 | 0 | 0 | 0 | -- |
| Stimulants | -- | 0 | 0 | 0 | 0 | -- |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | -- |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 | -- |
| Inhalants | 0 | -- | 0 | -- | 0 | -- |
| Antidepressants | 24 | 16 | -- | -- | 4 | -- |
| Antipsychotics | 4 | 6 | 0 | -- | -- | -- |
| Benzodiazepines | 12 | 10 | 0 | -- | -- | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 9 | 11 | 0 | 4 | -- | -- |
| Opiates/opioids | 72 | 49 | 5 | -- | 5 | -- |
| Heroin (specified) | 25 | 9 | -- | 0 | 0 | -- |
| Methadone | 16 | 8 | 0 | 0 | -- | -- |
| All other opiates/opioids | 39 | 34 | -- | -- | 4 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | -- |
| Salicylates/combinations | 0 | 0 | 0 | -- | 0 | -- |
| Misc. analgesics/combinations | 9 | 6 | -- | -- | 0 | -- |
| Anticonvulsants | -- | 0 | 0 | 0 | 0 | -- |
| Muscle relaxants | -- | 6 | 0 | 0 | 0 | -- |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

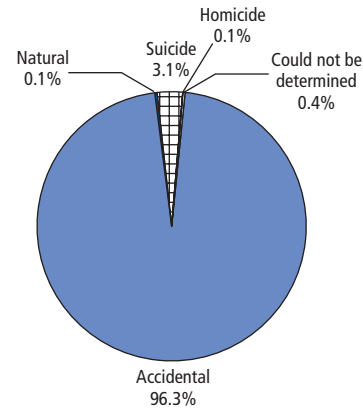
Chicago-Naperville-Joliet, IL-IN-WI: Cook County, IL



Cook County, IL: Deaths and population, 2006

| | |
|--------------------------------------|-----------|
| Deaths reported to DAWN | |
| Drug-related..... | 803 |
| Drug-related suicide..... | 26 |
| Population | 5,288,655 |
| Deaths per 100,000 population | |
| Drug-related..... | 15.2 |
| Drug-related suicide..... | 0.5 |

Deaths by manner of death, 2006



Place of death, 2006

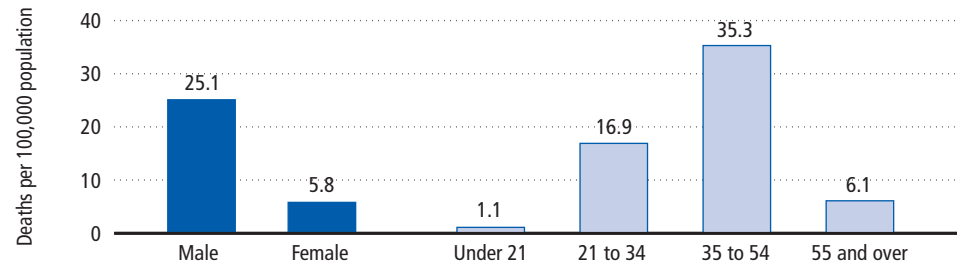
| Drug-related | Deaths |
|----------------------|--------|
| Health care facility | 409 |
| Home | 245 |
| Public place | 56 |
| Other | 88 |
| Not documented | 5 |
| Drug-related suicide | Deaths |
| Health care facility | 10 |
| Home | 13 |
| Public place | -- |
| Other | -- |
| Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

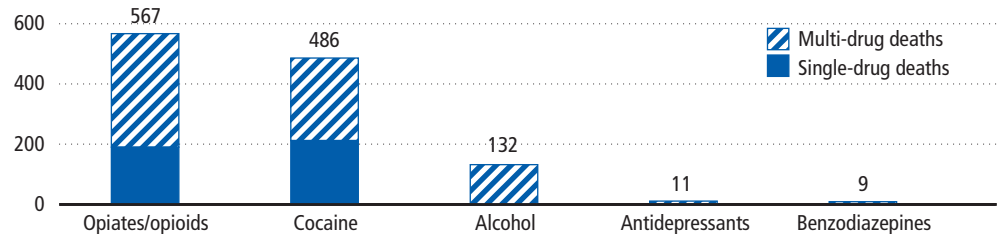
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 582 | 803 | 406 | 29 | 26 | 10 |
| Alcohol* | 97 | 132 | 0 | 6 | -- | 0 |
| Cocaine | 391 | 486 | 212 | 0 | -- | 0 |
| Marijuana | 0 | 0 | 0 | 0 | 0 | 0 |
| Stimulants | 0 | -- | -- | 0 | 0 | 0 |
| Club drugs† | 0 | 0 | 0 | -- | 0 | 0 |
| Hallucinogens** | 0 | -- | 0 | 0 | 0 | 0 |
| Inhalants | 0 | -- | -- | -- | 0 | 0 |
| Antidepressants | -- | 11 | -- | 9 | 12 | 4 |
| Antipsychotics | 0 | -- | 0 | 4 | 4 | 0 |
| Benzodiazepines | -- | 9 | -- | 11 | 4 | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | -- | -- | 0 | 8 | 6 | -- |
| Opiates/opioids | 344 | 567 | 190 | 5 | 9 | -- |
| Heroin (specified) | 0 | 0 | 0 | 0 | 0 | 0 |
| Methadone | 36 | 38 | 13 | -- | -- | -- |
| All other opiates/opioids | 313 | 538 | 177 | 4 | 7 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | -- | 0 |
| Salicylates/combinations | 0 | -- | 0 | 0 | 0 | 0 |
| Misc. analgesics/combinations | 4 | -- | 0 | 5 | 4 | 0 |
| Anticonvulsants | -- | -- | 0 | -- | -- | 0 |
| Muscle relaxants | -- | 0 | 0 | -- | -- | -- |

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

Death rates by gender and age: Drug-related, 2006



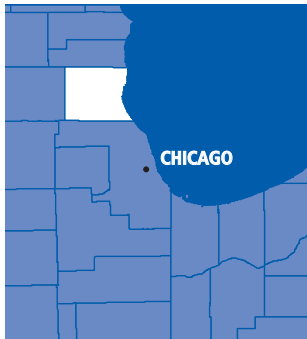
Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

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



Lake County, IL: Deaths and population, 2006

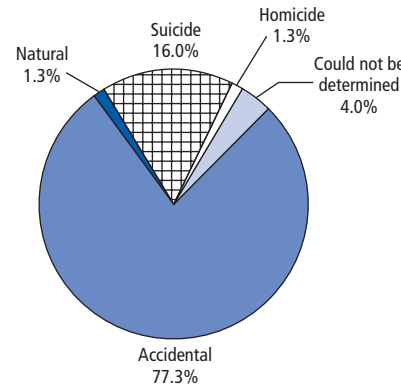
| | |
|--------------------------------------|----------------|
| Deaths reported to DAWN | |
| Drug-related..... | 63 |
| Drug-related suicide..... | 12 |
| Population..... | 713,076 |
| Deaths per 100,000 population | |
| Drug-related..... | 8.8 |
| Drug-related suicide..... | 1.7 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 63 | 63 | 9 | 5 | 12 | -- |
| Alcohol* | 19 | 43 | -- | -- | 6 | -- |
| Cocaine | 36 | 37 | 4 | -- | -- | -- |
| Marijuana | 7 | 15 | 0 | 0 | 0 | -- |
| Stimulants | -- | 0 | 0 | 0 | 0 | -- |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | -- |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 | -- |
| Inhalants | 0 | 0 | 0 | 0 | 0 | -- |
| Antidepressants | 10 | 4 | 0 | -- | -- | -- |
| Antipsychotics | -- | 0 | 0 | 0 | 0 | -- |
| Benzodiazepines | 7 | 13 | 0 | 0 | 7 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | -- | 6 | 0 | -- | -- | -- |
| Opiates/opioids | 31 | 42 | -- | 0 | 6 | -- |
| Heroin (specified) | 13 | 14 | 0 | 0 | 0 | -- |
| Methadone | 4 | 5 | 0 | 0 | 0 | -- |
| All other opiates/opioids | 18 | 28 | -- | 0 | 6 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | -- |
| Salicylates/combinations | -- | 0 | 0 | -- | 0 | -- |
| Misc. analgesics/combinations | -- | -- | -- | -- | -- | -- |
| Anticonvulsants | -- | 0 | 0 | 0 | 0 | -- |
| Muscle relaxants | -- | -- | 0 | 0 | -- | -- |

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

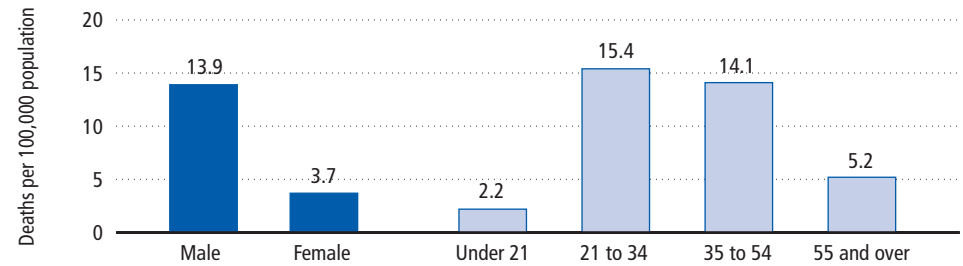
Deaths by manner of death, 2006



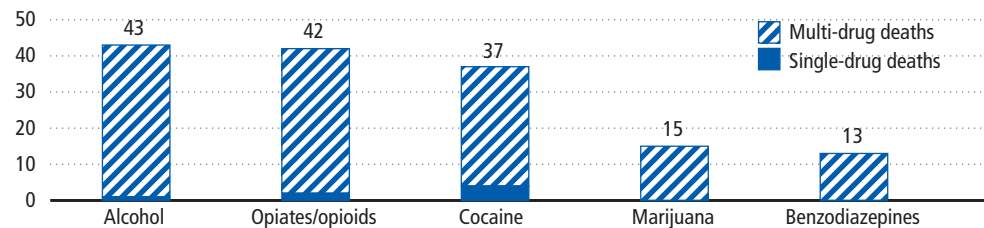
Place of death, 2006

| | | |
|-----------------------------|----|---------------|
| Drug-related | | Deaths |
| Health care facility | .. | -- |
| Home | .. | 49 |
| Public place | .. | 4 |
| Other | .. | 5 |
| Not documented | .. | 4 |
| Drug-related suicide | | Deaths |
| Health care facility | .. | 0 |
| Home | .. | 10 |
| Public place | .. | -- |
| Other | .. | 0 |
| Not documented | .. | 0 |

Death rates by gender and age: Drug-related, 2006



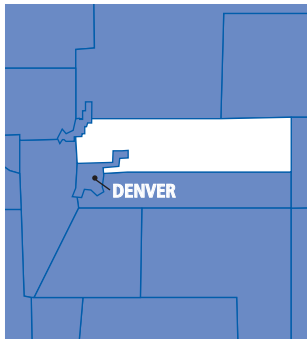
Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

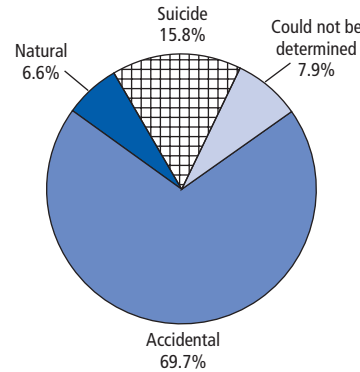
Denver-Aurora, CO: Adams County, CO



Adams County, CO: Deaths and population, 2006

| | |
|--------------------------------------|---------|
| Deaths reported to DAWN | |
| Drug-related..... | 64 |
| Drug-related suicide..... | 12 |
| Population | 414,338 |
| Deaths per 100,000 population | |
| Drug-related..... | 15.4 |
| Drug-related suicide..... | 2.9 |

Deaths by manner of death, 2006



Place of death, 2006

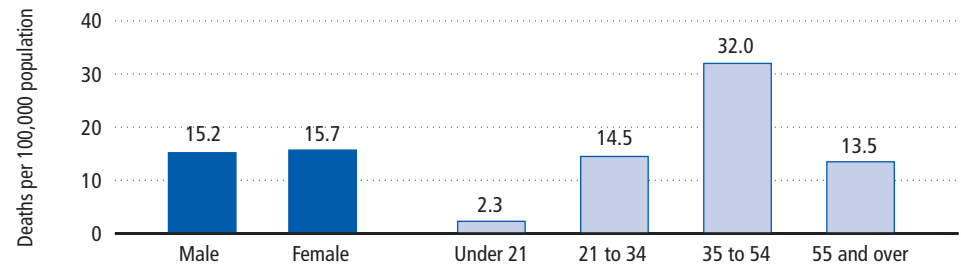
| | | |
|-----------------------------|--|---------------|
| Drug-related | | Deaths |
| Health care facility | | 14 |
| Home | | 42 |
| Public place | | 4 |
| Other | | -- |
| Not documented | | -- |
| Drug-related suicide | | Deaths |
| Health care facility | | -- |
| Home | | 7 |
| Public place | | -- |
| Other | | -- |
| Not documented | | 0 |

Drug-related deaths by drug category, 2005-2006

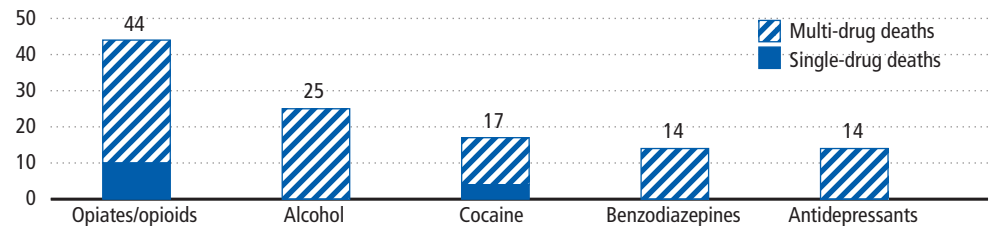
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 64 | 64 | 19 | 17 | 12 | -- |
| Alcohol* | 16 | 25 | 0 | 5 | -- | -- |
| Cocaine | 17 | 17 | 4 | -- | 0 | -- |
| Marijuana | 4 | -- | 0 | -- | 0 | -- |
| Stimulants | 6 | 6 | -- | 0 | -- | -- |
| Club drugs† | -- | 0 | 0 | 0 | 0 | -- |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 | -- |
| Inhalants | -- | -- | -- | 0 | 0 | -- |
| Antidepressants | 11 | 14 | 0 | 6 | 5 | -- |
| Antipsychotics | 4 | -- | 0 | -- | -- | -- |
| Benzodiazepines | 6 | 14 | 0 | -- | 4 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | -- | -- | 0 | -- | 7 | -- |
| Opiates/opioids | 41 | 44 | 10 | 6 | 4 | -- |
| Heroin (specified) | 0 | 0 | 0 | 0 | 0 | -- |
| Methadone | 8 | 11 | -- | -- | -- | -- |
| All other opiates/opioids | 36 | 36 | 8 | 4 | -- | -- |
| Nonsteroidal anti-inflammatory agents | 0 | -- | 0 | 0 | 0 | -- |
| Salicylates/combinations | -- | 0 | 0 | 0 | 0 | -- |
| Misc. analgesics/combinations | 7 | 4 | -- | 5 | 5 | -- |
| Anticonvulsants | -- | -- | 0 | -- | 0 | -- |
| Muscle relaxants | 4 | -- | 0 | 0 | 0 | -- |

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

Death rates by gender and age: Drug-related, 2006



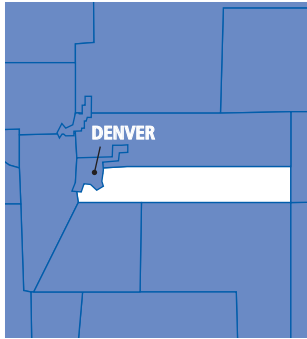
Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

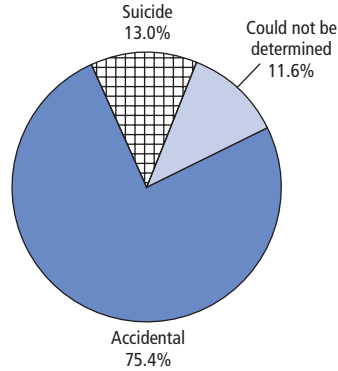
Denver-Aurora, CO: Arapahoe County, CO



Arapahoe County, CO: Deaths and population, 2006

| | |
|--------------------------------------|----------------|
| Deaths reported to DAWN | |
| Drug-related..... | 60 |
| Drug-related suicide..... | 9 |
| Population..... | 537,197 |
| Deaths per 100,000 population | |
| Drug-related..... | 11.2 |
| Drug-related suicide..... | 1.7 |

Deaths by manner of death, 2006



Place of death, 2006

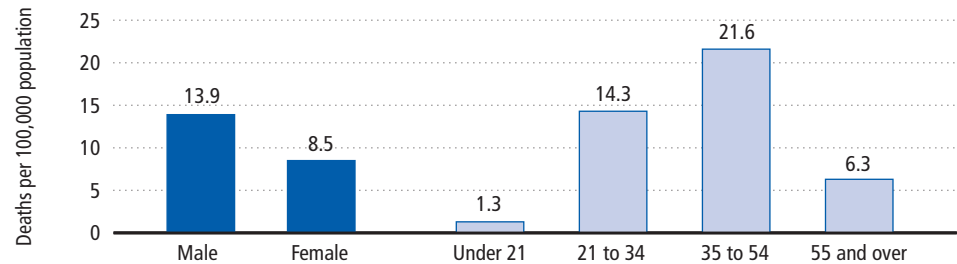
| | |
|-----------------------------|---------------|
| Drug-related | Deaths |
| Health care facility..... | 7 |
| Home..... | 46 |
| Public place..... | 4 |
| Other..... | -- |
| Not documented..... | 0 |
| Drug-related suicide | |
| Health care facility..... | 4 |
| Home..... | 4 |
| Public place..... | -- |
| Other..... | 0 |
| Not documented..... | 0 |

Drug-related deaths by drug category, 2005-2006

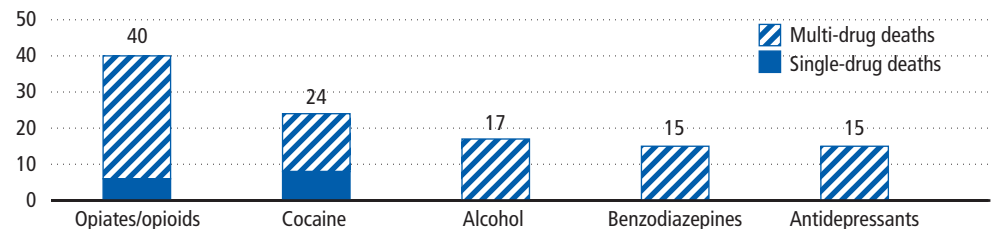
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 51 | 60 | 15 | 9 | 9 | -- |
| Alcohol* | 17 | 17 | 0 | -- | 4 | -- |
| Cocaine | 20 | 24 | 8 | 0 | 0 | -- |
| Marijuana | -- | 0 | 0 | 0 | 0 | -- |
| Stimulants | 8 | 5 | 0 | 0 | 0 | -- |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | -- |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 | -- |
| Inhalants | 0 | 0 | 0 | 0 | 0 | -- |
| Antidepressants | 16 | 15 | 0 | 4 | 4 | -- |
| Antipsychotics | -- | -- | 0 | -- | 0 | -- |
| Benzodiazepines | 14 | 15 | 0 | 0 | 4 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 6 | 8 | 0 | -- | -- | -- |
| Opiates/opioids | 35 | 40 | 6 | 6 | -- | -- |
| Heroin (specified) | -- | 8 | -- | 0 | 0 | -- |
| Methadone | 4 | 4 | -- | -- | -- | -- |
| All other opiates/opioids | 30 | 35 | 4 | 4 | -- | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | -- |
| Salicylates/combinations | 0 | 0 | 0 | 0 | 0 | -- |
| Misc. analgesics/combinations | 5 | -- | 0 | 0 | 0 | -- |
| Anticonvulsants | -- | 4 | 0 | -- | 0 | -- |
| Muscle relaxants | 0 | 5 | -- | 0 | 0 | -- |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

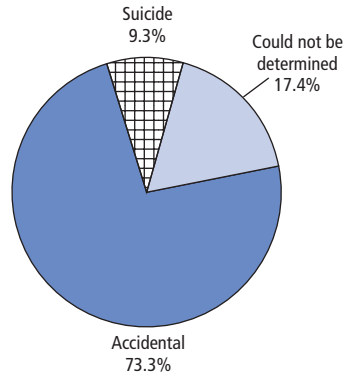
Denver-Aurora, CO: Denver County, CO



Denver County, CO: Deaths and population, 2006

| | |
|--------------------------------------|---------|
| Deaths reported to DAWN | |
| Drug-related..... | 156 |
| Drug-related suicide..... | 16 |
| Population | 566,974 |
| Deaths per 100,000 population | |
| Drug-related..... | 27.5 |
| Drug-related suicide..... | 2.8 |

Deaths by manner of death, 2006



Place of death, 2006

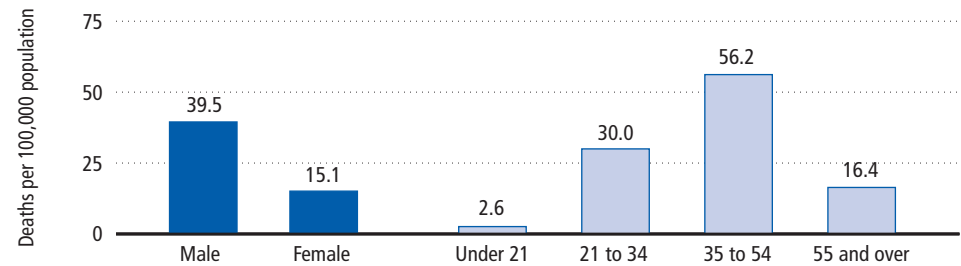
| Drug-related | | Deaths |
|-----------------------------|-------|---------------|
| Health care facility | ..... | 36 |
| Home | ..... | 79 |
| Public place | ..... | 9 |
| Other | ..... | 32 |
| Not documented | ..... | 0 |
| Drug-related suicide | | Deaths |
| Health care facility | ..... | -- |
| Home | ..... | 10 |
| Public place | ..... | 0 |
| Other | ..... | 4 |
| Not documented | ..... | 0 |

Drug-related deaths by drug category, 2005-2006

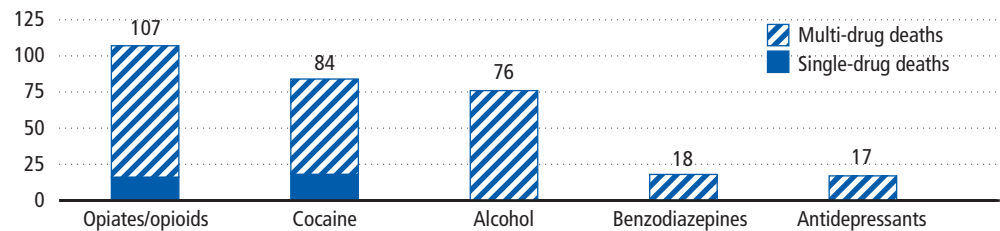
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 152 | 156 | 34 | 26 | 16 | 5 |
| Alcohol* | 53 | 76 | 0 | 6 | 7 | 0 |
| Cocaine | 87 | 84 | 18 | -- | -- | 0 |
| Marijuana | -- | 8 | 0 | 0 | -- | 0 |
| Stimulants | 11 | 11 | 0 | -- | -- | 0 |
| Club drugs† | 0 | -- | 0 | 0 | 0 | 0 |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | -- | 0 | 0 | 0 | -- | -- |
| Antidepressants | 5 | 17 | 0 | 8 | 5 | -- |
| Antipsychotics | -- | -- | 0 | -- | -- | 0 |
| Benzodiazepines | 15 | 18 | 0 | 7 | -- | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | 5 | 4 | 0 | -- | -- | 0 |
| Opiates/opioids | 92 | 107 | 16 | 13 | 6 | 0 |
| Heroin (specified) | 4 | 7 | -- | -- | -- | 0 |
| Methadone | 14 | 16 | -- | -- | 0 | 0 |
| All other opiates/opioids | 78 | 89 | 10 | 9 | 5 | 0 |
| Nonsteroidal anti-inflammatory agents | 0 | -- | 0 | -- | 0 | 0 |
| Salicylates/combinations | 0 | 0 | 0 | -- | 0 | 0 |
| Misc. analgesics/combinations | 7 | 8 | 0 | 5 | -- | -- |
| Anticonvulsants | -- | -- | 0 | 0 | -- | -- |
| Muscle relaxants | -- | -- | 0 | -- | 0 | 0 |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

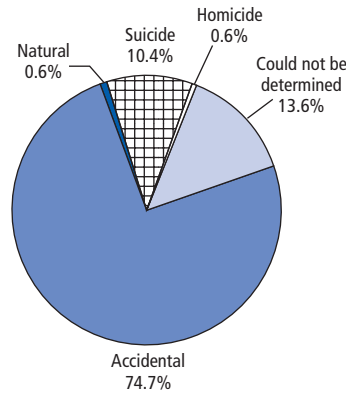
Detroit-Warren-Livonia, MI: Macomb County, MI



Macomb County, MI: Deaths and population, 2006

| | |
|--------------------------------------|---------|
| Deaths reported to DAWN | |
| Drug-related..... | 138 |
| Drug-related suicide..... | 16 |
| Population | 832,861 |
| Deaths per 100,000 population | |
| Drug-related..... | 16.6 |
| Drug-related suicide..... | 1.9 |

Deaths by manner of death, 2006



Place of death, 2006

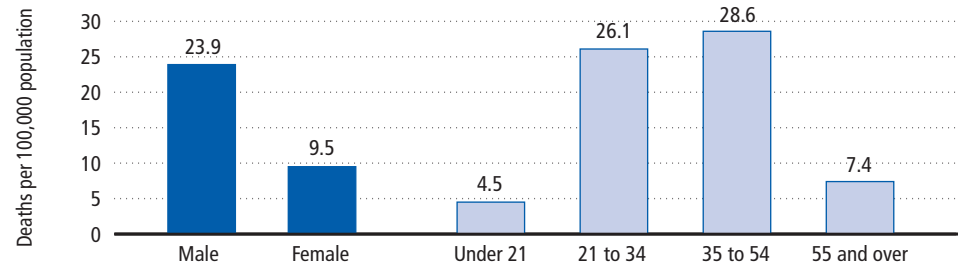
| | | |
|-----------------------------|--|---------------|
| Drug-related | | Deaths |
| Health care facility..... | | 34 |
| Home..... | | 84 |
| Public place..... | | 6 |
| Other..... | | 14 |
| Not documented..... | | 0 |
| Drug-related suicide | | Deaths |
| Health care facility..... | | 0 |
| Home..... | | 12 |
| Public place..... | | 0 |
| Other..... | | 4 |
| Not documented..... | | 0 |

Drug-related deaths by drug category, 2005-2006

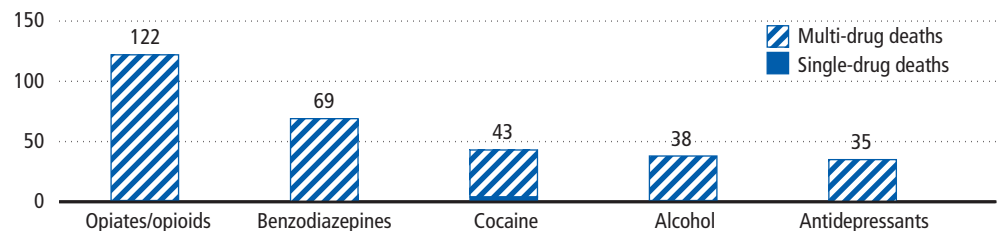
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 111 | 138 | 6 | 16 | 16 | -- |
| Alcohol* | 28 | 38 | -- | 5 | 9 | -- |
| Cocaine | 45 | 43 | 4 | -- | -- | -- |
| Marijuana | 11 | 16 | 0 | -- | -- | -- |
| Stimulants | -- | -- | 0 | 0 | 0 | -- |
| Club drugs† | -- | -- | 0 | 0 | 0 | -- |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 | -- |
| Inhalants | 4 | 7 | 0 | 0 | -- | -- |
| Antidepressants | 8 | 35 | 0 | -- | 9 | -- |
| Antipsychotics | 4 | 7 | 0 | -- | 4 | -- |
| Benzodiazepines | 55 | 69 | 0 | 9 | 8 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 11 | 21 | 0 | 4 | -- | -- |
| Opiates/opioids | 89 | 122 | -- | 8 | 7 | -- |
| Heroin (specified) | 40 | 49 | 0 | -- | 0 | -- |
| Methadone | 18 | 21 | -- | 0 | 0 | -- |
| All other opiates/opioids | 81 | 111 | 0 | 8 | 7 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 4 | 0 | 0 | -- | -- |
| Salicylates/combinations | 0 | 0 | 0 | -- | 0 | -- |
| Misc. analgesics/combinations | 12 | 34 | 0 | 4 | 7 | -- |
| Anticonvulsants | -- | -- | 0 | -- | -- | -- |
| Muscle relaxants | 6 | 9 | 0 | 0 | -- | -- |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

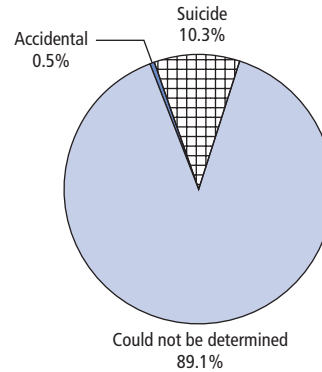
Detroit-Warren-Livonia, MI: Oakland County, MI



Oakland County, MI: Deaths and population, 2006

| | |
|--------------------------------------|-----------|
| Deaths reported to DAWN | |
| Drug-related..... | 165 |
| Drug-related suicide..... | 19 |
| Population | 1,214,255 |
| Deaths per 100,000 population | |
| Drug-related..... | 13.6 |
| Drug-related suicide..... | 1.6 |

Deaths by manner of death, 2006



Place of death, 2006

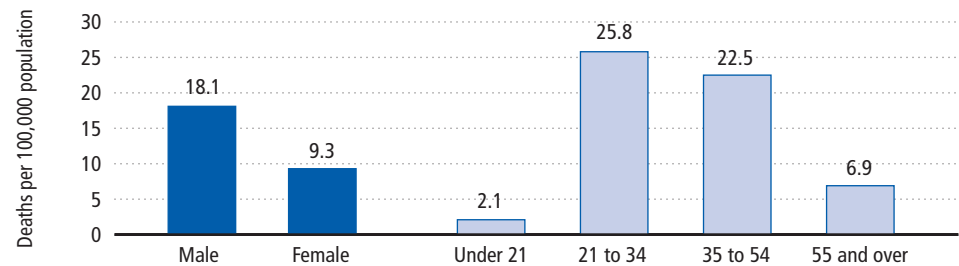
| | | |
|-----------------------------|--|---------------|
| Drug-related | | Deaths |
| Health care facility | | 31 |
| Home | | 91 |
| Public place | | 4 |
| Other | | 37 |
| Not documented | | -- |
| Drug-related suicide | | Deaths |
| Health care facility | | 5 |
| Home | | 12 |
| Public place | | 0 |
| Other | | -- |
| Not documented | | 0 |

Drug-related deaths by drug category, 2005-2006

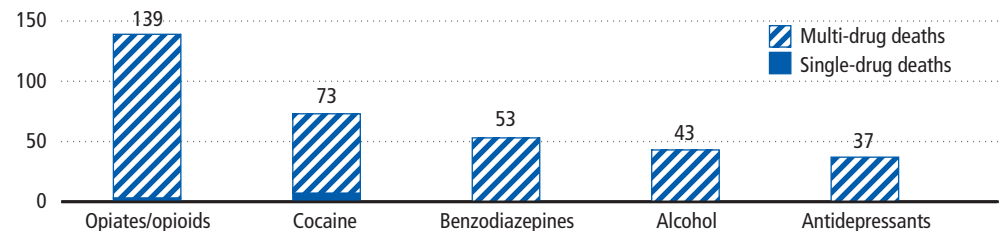
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 144 | 165 | 12 | 17 | 19 | -- |
| Alcohol* | 23 | 43 | 0 | 6 | 5 | -- |
| Cocaine | 68 | 73 | 7 | 0 | 0 | -- |
| Marijuana | 29 | 30 | 0 | -- | 0 | -- |
| Stimulants | 4 | 5 | 0 | -- | 0 | -- |
| Club drugs† | -- | -- | 0 | 0 | 0 | -- |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 | -- |
| Inhalants | -- | -- | -- | 0 | -- | -- |
| Antidepressants | 28 | 37 | 0 | 6 | 15 | -- |
| Antipsychotics | 4 | 17 | 0 | -- | 4 | -- |
| Benzodiazepines | 44 | 53 | 0 | 6 | 7 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 7 | 26 | 0 | 6 | -- | -- |
| Opiates/opioids | 121 | 139 | -- | 8 | 8 | -- |
| Heroin (specified) | -- | 6 | 0 | 0 | 0 | -- |
| Methadone | 25 | 31 | 0 | 0 | -- | -- |
| All other opiates/opioids | 109 | 130 | -- | 8 | 7 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | -- | 0 | 0 | -- | -- |
| Salicylates/combinations | 0 | 0 | 0 | -- | -- | -- |
| Misc. analgesics/combinations | 14 | 10 | 0 | 10 | -- | -- |
| Anticonvulsants | -- | 6 | 0 | -- | 4 | -- |
| Muscle relaxants | 15 | 18 | 0 | -- | -- | -- |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

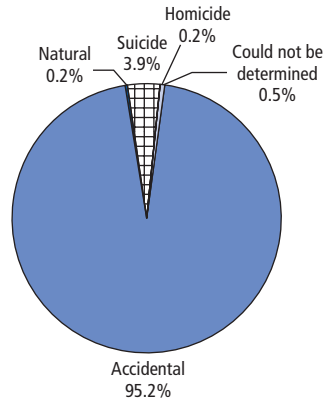
Detroit-Warren-Livonia, MI: Wayne County, MI



Wayne County, MI: Deaths and population, 2006

| | |
|--------------------------------------|------|
| Deaths reported to DAWN | |
| Drug-related..... | 539 |
| Drug-related suicide..... | 22 |
| Population.....1,971,853 | |
| Deaths per 100,000 population | |
| Drug-related..... | 27.3 |
| Drug-related suicide..... | 1.1 |

Deaths by manner of death, 2006



Place of death, 2006

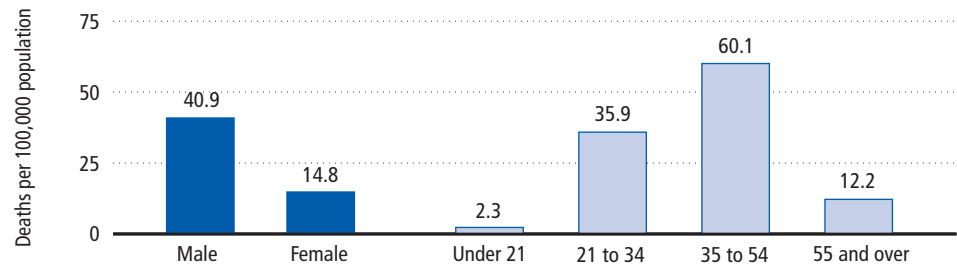
| | | |
|-----------------------------|-------|---------------|
| Drug-related | | Deaths |
| Health care facility | ..... | 167 |
| Home | ..... | 325 |
| Public place | ..... | 4 |
| Other | ..... | 43 |
| Not documented | ..... | 0 |
| Drug-related suicide | | Deaths |
| Health care facility | ..... | 6 |
| Home | ..... | 16 |
| Public place | ..... | 0 |
| Other | ..... | 0 |
| Not documented | ..... | 0 |

Drug-related deaths by drug category, 2005-2006

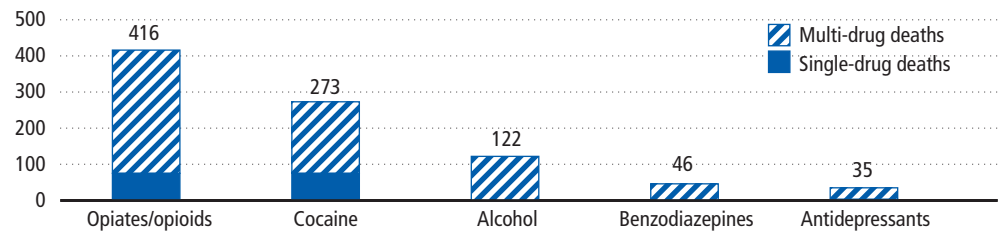
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 438 | 539 | 159 | 20 | 22 | 11 |
| Alcohol* | 104 | 122 | 0 | 5 | 5 | 0 |
| Cocaine | 207 | 273 | 75 | 5 | 0 | 0 |
| Marijuana | 0 | 0 | 0 | 0 | 0 | 0 |
| Stimulants | 0 | -- | 0 | 0 | -- | 0 |
| Club drugs† | 0 | -- | 0 | 0 | 0 | 0 |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | 0 | 0 | 0 | 0 | 0 | 0 |
| Antidepressants | 40 | 35 | -- | 8 | 8 | -- |
| Antipsychotics | 13 | 12 | 0 | -- | -- | -- |
| Benzodiazepines | 35 | 46 | 0 | 4 | 4 | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | 28 | 29 | 0 | 4 | -- | -- |
| Opiates/opioids | 326 | 416 | 75 | 12 | 11 | -- |
| Heroin (specified) | 65 | 91 | 0 | 0 | 0 | 0 |
| Methadone | 49 | 56 | 17 | -- | -- | -- |
| All other opiates/opioids | 298 | 384 | 58 | 11 | 9 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | 0 |
| Salicylates/combinations | 0 | 0 | 0 | 0 | 0 | 0 |
| Misc. analgesics/combinations | 9 | 12 | 4 | -- | 4 | 0 |
| Anticonvulsants | -- | -- | 0 | 0 | 0 | 0 |
| Muscle relaxants | 8 | 11 | 0 | -- | 0 | 0 |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

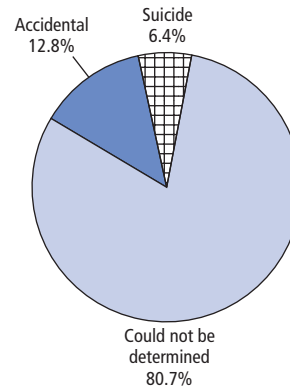
Indianapolis-Carmel, IN: Marion County, IN



Marion County, IN: Deaths and population, 2006

| | |
|--------------------------------------|---------|
| Deaths reported to DAWN | |
| Drug-related..... | 102 |
| Drug-related suicide..... | 7 |
| Population | 865,504 |
| Deaths per 100,000 population | |
| Drug-related..... | 11.8 |
| Drug-related suicide..... | 0.8 |

Deaths by manner of death, 2006



Place of death, 2006

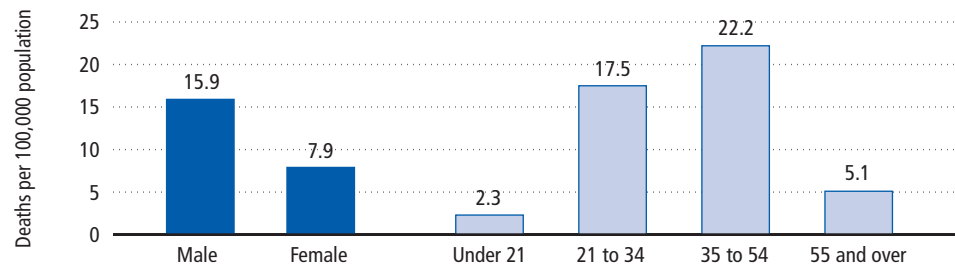
| Drug-related | Deaths |
|----------------------|--------|
| Health care facility | 22 |
| Home | 52 |
| Public place | 4 |
| Other | 24 |
| Not documented | 0 |
| Drug-related suicide | |
| Health care facility | -- |
| Home | 4 |
| Public place | -- |
| Other | 0 |
| Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

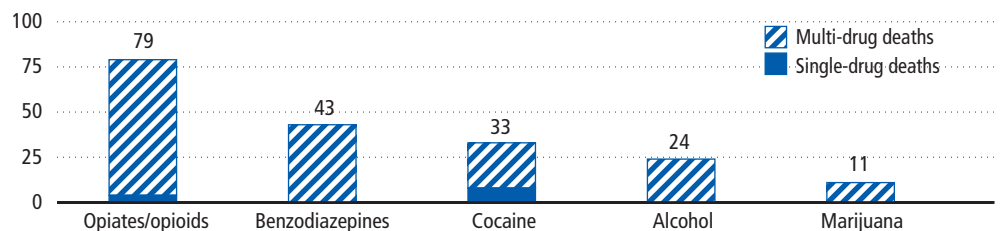
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 59 | 102 | 15 | 11 | 7 | -- |
| Alcohol* | 11 | 24 | 0 | -- | -- | -- |
| Cocaine | 17 | 33 | 8 | 0 | 0 | -- |
| Marijuana | 11 | 11 | 0 | 0 | -- | -- |
| Stimulants | -- | -- | 0 | -- | 0 | -- |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | -- |
| Hallucinogens** | -- | -- | 0 | 0 | 0 | -- |
| Inhalants | 0 | 0 | 0 | 0 | 0 | -- |
| Antidepressants | 12 | 7 | 0 | -- | -- | -- |
| Antipsychotics | 0 | -- | 0 | 0 | 0 | -- |
| Benzodiazepines | 26 | 43 | 0 | 5 | -- | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 5 | 5 | 0 | -- | -- | -- |
| Opiates/opioids | 49 | 79 | 4 | 5 | 4 | -- |
| Heroin (specified) | 4 | 10 | 0 | 0 | 0 | -- |
| Methadone | 10 | 23 | -- | 0 | 0 | -- |
| All other opiates/opioids | 42 | 66 | -- | 5 | 4 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | -- |
| Salicylates/combinations | -- | -- | 0 | 0 | 0 | -- |
| Misc. analgesics/combinations | 15 | 8 | -- | 5 | -- | -- |
| Anticonvulsants | -- | 0 | 0 | -- | -- | -- |
| Muscle relaxants | 4 | 0 | 0 | 0 | 0 | -- |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

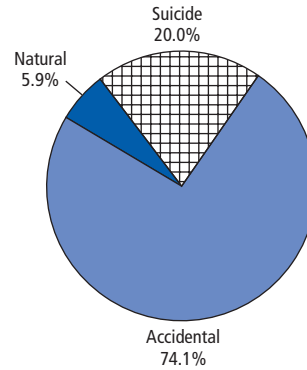
Kansas City, MO-KS: Jackson County, MO



Jackson County, MO: Deaths and population, 2006

| | |
|--------------------------------------|---------|
| Deaths reported to DAWN | |
| Drug-related..... | 68 |
| Drug-related suicide..... | 17 |
| Population | 664,078 |
| Deaths per 100,000 population | |
| Drug-related..... | 10.2 |
| Drug-related suicide..... | 2.6 |

Deaths by manner of death, 2006



Place of death, 2006

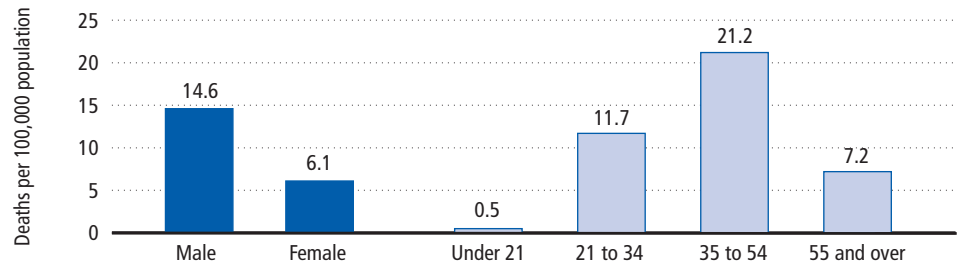
| | | |
|-----------------------------|--|---------------|
| Drug-related | | Deaths |
| Health care facility | | 5 |
| Home | | 44 |
| Public place | | 0 |
| Other | | 19 |
| Not documented | | 0 |
| Drug-related suicide | | Deaths |
| Health care facility | | -- |
| Home | | 13 |
| Public place | | 0 |
| Other | | -- |
| Not documented | | 0 |

Drug-related deaths by drug category, 2005-2006

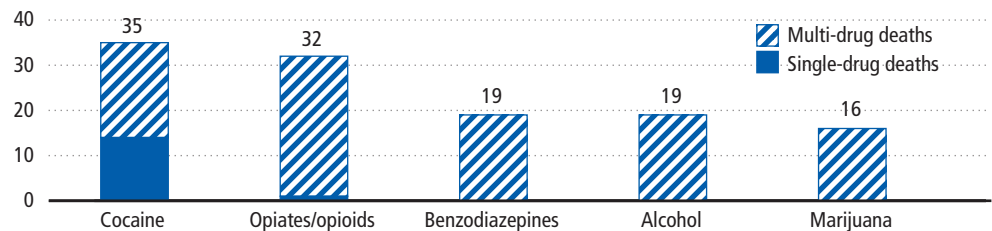
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 75 | 68 | 17 | 15 | 17 | 6 |
| Alcohol* | 26 | 19 | 0 | 8 | 6 | -- |
| Cocaine | 28 | 35 | 14 | -- | -- | 0 |
| Marijuana | 18 | 16 | 0 | 0 | -- | 0 |
| Stimulants | 10 | -- | 0 | -- | -- | -- |
| Club drugs† | -- | 0 | 0 | 0 | 0 | 0 |
| Hallucinogens** | 0 | -- | 0 | 0 | 0 | 0 |
| Inhalants | -- | 0 | 0 | -- | 0 | 0 |
| Antidepressants | 13 | 14 | -- | 4 | 5 | 0 |
| Antipsychotics | -- | 0 | 0 | -- | -- | -- |
| Benzodiazepines | 15 | 19 | 0 | 4 | 4 | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | 8 | 8 | 0 | 4 | -- | -- |
| Opiates/opioids | 29 | 32 | -- | 5 | 6 | -- |
| Heroin (specified) | 0 | 0 | 0 | 0 | 0 | 0 |
| Methadone | 16 | 8 | 0 | 0 | -- | 0 |
| All other opiates/opioids | 17 | 26 | -- | 5 | 4 | -- |
| Nonsteroidal anti-inflammatory agents | -- | -- | 0 | 0 | 0 | 0 |
| Salicylates/combinations | 0 | 0 | 0 | -- | 0 | 0 |
| Misc. analgesics/combinations | 4 | 5 | -- | 0 | -- | 0 |
| Anticonvulsants | 0 | -- | 0 | -- | -- | 0 |
| Muscle relaxants | 4 | -- | 0 | 0 | 0 | 0 |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Los Angeles-Long Beach-Santa Ana, CA: Los Angeles County, CA



Los Angeles County, CA: Deaths and population, 2006

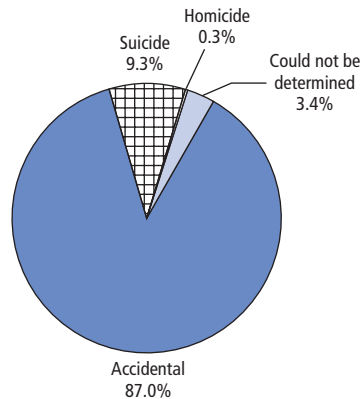
| | |
|--------------------------------------|-----------|
| Deaths reported to DAWN | |
| Drug-related..... | 1,083 |
| Drug-related suicide..... | 111 |
| Population | 9,948,081 |
| Deaths per 100,000 population | |
| Drug-related..... | 10.9 |
| Drug-related suicide..... | 1.1 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 1,088 | 1,083 | 253 | 132 | 111 | 17 |
| Alcohol* | 241 | 306 | 4 | 27 | 34 | 0 |
| Cocaine | 473 | 458 | 122 | 17 | 19 | -- |
| Marijuana | 60 | 79 | 18 | 7 | 0 | 0 |
| Stimulants | 264 | 266 | 31 | 24 | 8 | 0 |
| Club drugs† | 14 | 14 | 0 | 0 | 0 | 0 |
| Hallucinogens** | 17 | 17 | -- | -- | 0 | 0 |
| Inhalants | -- | 4 | -- | -- | -- | -- |
| Antidepressants | 146 | 205 | -- | 47 | 58 | -- |
| Antipsychotics | 45 | 57 | -- | 16 | 22 | -- |
| Benzodiazepines | 90 | 145 | 0 | 35 | 38 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 92 | 146 | -- | 30 | 38 | -- |
| Opiates/opioids | 544 | 597 | 72 | 34 | 50 | 4 |
| Heroin (specified) | 215 | 238 | 53 | 0 | 4 | -- |
| Methadone | 58 | 79 | 4 | -- | 4 | 0 |
| All other opiates/opioids | 501 | 359 | 15 | 32 | 46 | -- |
| Nonsteroidal anti-inflammatory agents | 7 | 5 | 0 | -- | 5 | 0 |
| Salicylates/combinations | 4 | -- | 0 | 4 | -- | 0 |
| Misc. analgesics/combinations | 29 | 38 | 0 | 16 | 13 | 0 |
| Anticonvulsants | 33 | 27 | 0 | 4 | 11 | 0 |
| Muscle relaxants | 28 | 48 | 0 | 6 | 9 | 0 |

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

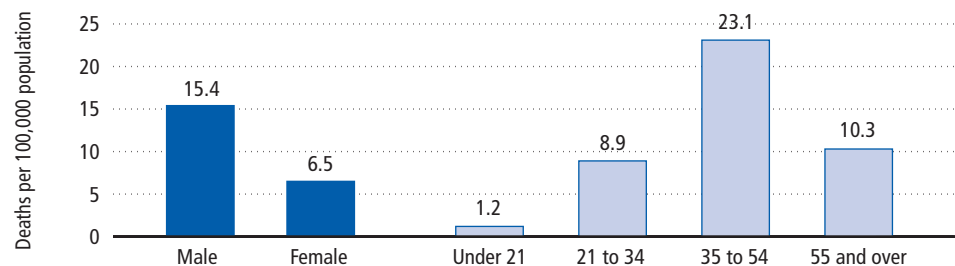
Deaths by manner of death, 2006



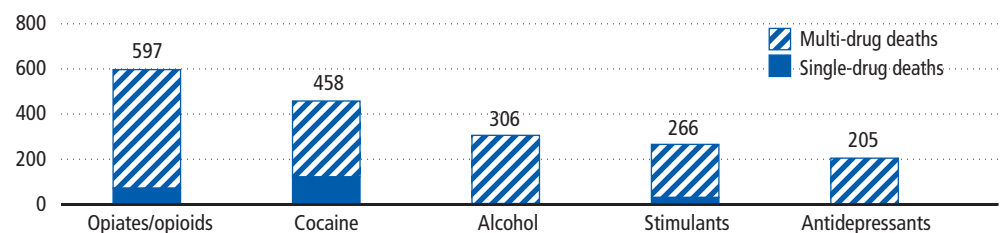
Place of death, 2006

| | | |
|-----------------------------|-------|---------------|
| Drug-related | | Deaths |
| Health care facility | ..... | 360 |
| Home | ..... | 367 |
| Public place | ..... | 153 |
| Other | ..... | 199 |
| Not documented | ..... | 4 |
| Drug-related suicide | | Deaths |
| Health care facility | ..... | 15 |
| Home | ..... | 55 |
| Public place | ..... | 11 |
| Other | ..... | 30 |
| Not documented | ..... | 0 |

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

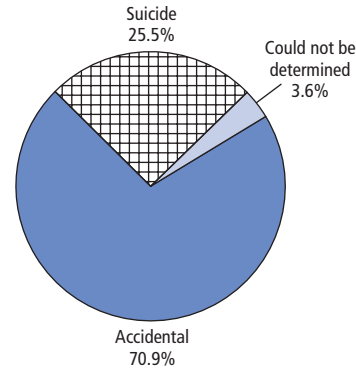
Los Angeles-Long Beach-Santa Ana, CA: Orange County, CA



Orange County, CA: Deaths and population, 2006

| | |
|--------------------------------------|-----------|
| Deaths reported to DAWN | |
| Drug-related..... | 187 |
| Drug-related suicide..... | 64 |
| Population | 3,002,048 |
| Deaths per 100,000 population | |
| Drug-related..... | 6.2 |
| Drug-related suicide..... | 2.1 |

Deaths by manner of death, 2006



Place of death, 2006

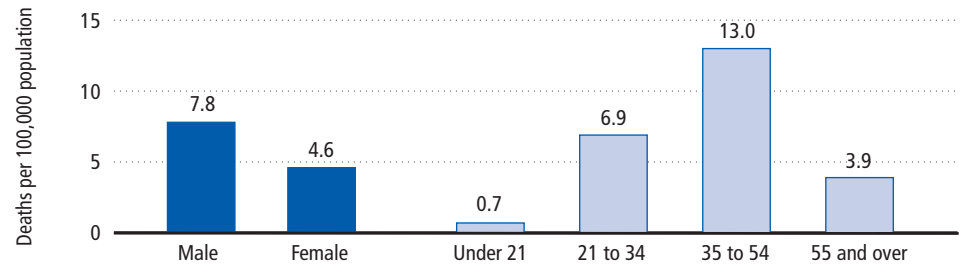
| | |
|-----------------------------|---------------|
| Drug-related | Deaths |
| Health care facility | 61 |
| Home | 102 |
| Public place | 17 |
| Other | 7 |
| Not documented | 0 |
| Drug-related suicide | Deaths |
| Health care facility | 14 |
| Home | 41 |
| Public place | 7 |
| Other | -- |
| Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

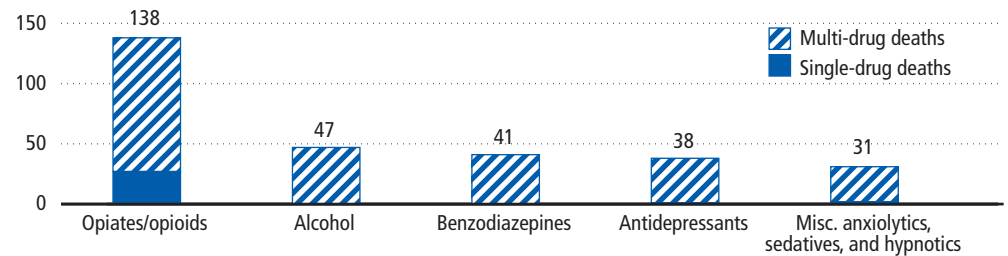
| Drug category | Drug-related | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 187 | 46 | 64 | 9 | 9 |
| Alcohol* | 47 | 0 | 19 | 0 | 0 |
| Cocaine | 26 | 7 | -- | 0 | 0 |
| Marijuana | 13 | 0 | -- | 0 | 0 |
| Stimulants | 30 | 6 | 5 | 0 | 0 |
| Club drugs† | -- | 0 | 0 | 0 | 0 |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 |
| Inhalants | 0 | 0 | -- | 0 | 0 |
| Antidepressants | 38 | -- | 19 | 0 | 0 |
| Antipsychotics | 14 | 0 | 11 | -- | -- |
| Benzodiazepines | 41 | 0 | 20 | -- | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 31 | -- | 17 | 0 | 0 |
| Opiates/opioids | 138 | 27 | 33 | -- | -- |
| Heroin (specified) | 0 | 0 | 0 | 0 | 0 |
| Methadone | 23 | 4 | -- | 0 | 0 |
| All other opiates/opioids | 126 | 23 | 32 | -- | -- |
| Nonsteroidal anti-inflammatory agents | -- | 0 | 0 | 0 | 0 |
| Salicylates/combinations | 0 | 0 | -- | 0 | 0 |
| Misc. analgesics/combinations | 5 | 0 | 7 | 0 | 0 |
| Anticonvulsants | -- | 0 | 5 | 0 | 0 |
| Muscle relaxants | 15 | 0 | 7 | 0 | 0 |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

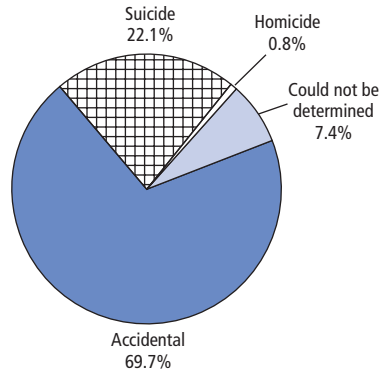
Minneapolis-St. Paul-Bloomington, MN-WI: Hennepin County, MN



Hennepin County, MN: Deaths and population, 2006

| | |
|--------------------------------------|-----------|
| Deaths reported to DAWN | |
| Drug-related..... | 95 |
| Drug-related suicide..... | 27 |
| Population | 1,122,093 |
| Deaths per 100,000 population | |
| Drug-related..... | 8.5 |
| Drug-related suicide..... | 2.4 |

Deaths by manner of death, 2006



Place of death, 2006

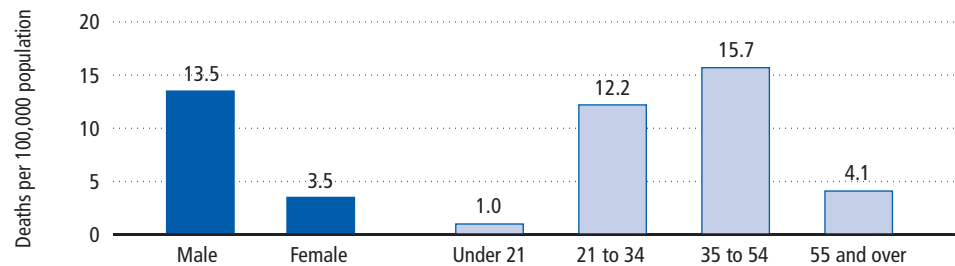
| | | |
|-----------------------------|----|---------------|
| Drug-related | | Deaths |
| Health care facility | 15 | |
| Home | 57 | |
| Public place | -- | |
| Other | 20 | |
| Not documented | -- | |
| Drug-related suicide | | Deaths |
| Health care facility | 5 | |
| Home | 18 | |
| Public place | -- | |
| Other | -- | |
| Not documented | 0 | |

Drug-related deaths by drug category, 2005-2006

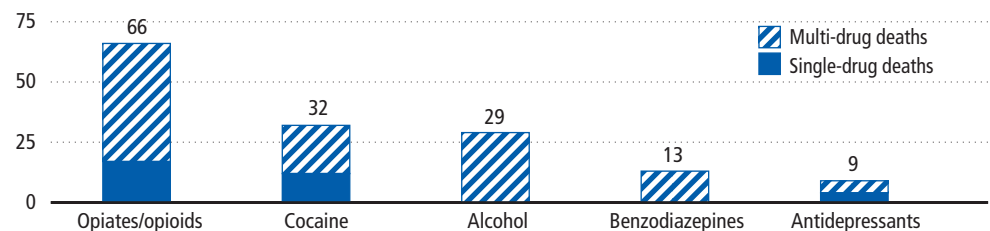
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 88 | 95 | 38 | 16 | 27 | 9 |
| Alcohol* | 28 | 29 | 0 | 5 | 8 | 0 |
| Cocaine | 33 | 32 | 12 | -- | -- | 0 |
| Marijuana | 0 | 0 | 0 | 0 | 0 | 0 |
| Stimulants | 7 | -- | -- | 0 | -- | 0 |
| Club drugs† | -- | -- | 0 | 0 | 0 | 0 |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | 0 | 0 | 0 | 0 | 0 | 0 |
| Antidepressants | -- | 9 | 4 | 4 | 8 | -- |
| Antipsychotics | -- | 0 | 0 | 5 | 5 | 0 |
| Benzodiazepines | 11 | 13 | 0 | -- | 4 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | -- | -- | 0 | 4 | -- | -- |
| Opiates/opioids | 63 | 66 | 17 | 9 | 9 | -- |
| Heroin (specified) | 5 | 11 | 0 | 0 | 0 | 0 |
| Methadone | 13 | 20 | 8 | -- | -- | -- |
| All other opiates/opioids | 53 | 50 | 9 | 8 | 8 | -- |
| Nonsteroidal anti-inflammatory agents | -- | -- | 0 | 0 | 0 | 0 |
| Salicylates/combinations | 0 | -- | 0 | 0 | -- | 0 |
| Misc. analgesics/combinations | 0 | 5 | -- | -- | 8 | -- |
| Anticonvulsants | 0 | 0 | 0 | 0 | -- | 0 |
| Muscle relaxants | -- | 0 | 0 | 0 | -- | 0 |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

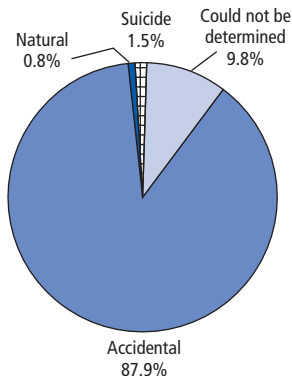
New Orleans-Metairie-Kenner, LA: Jefferson Parish, LA



Jefferson Parish, LA: Deaths and population, 2006

| | |
|--------------------------------------|------|
| Deaths reported to DAWN | |
| Drug-related..... | 130 |
| Drug-related suicide..... | 2 |
| Population.....434,666 | |
| Deaths per 100,000 population | |
| Drug-related..... | 29.9 |
| Drug-related suicide..... | 0.5 |

Deaths by manner of death, 2006



Place of death, 2006

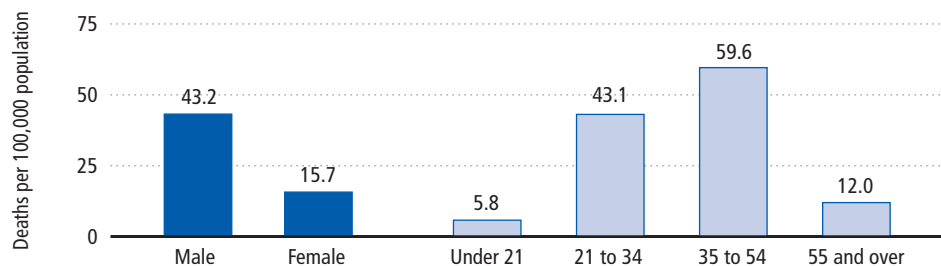
| | | |
|-----------------------------|-------|---------------|
| Drug-related | | Deaths |
| Health care facility | ..... | 22 |
| Home | ..... | 79 |
| Public place | ..... | 5 |
| Other | ..... | 23 |
| Not documented | ..... | -- |
| Drug-related suicide | | Deaths |
| Health care facility | ..... | 0 |
| Home | ..... | -- |
| Public place | ..... | 0 |
| Other | ..... | 0 |
| Not documented | ..... | 0 |

Drug-related deaths by drug category, 2005-2006

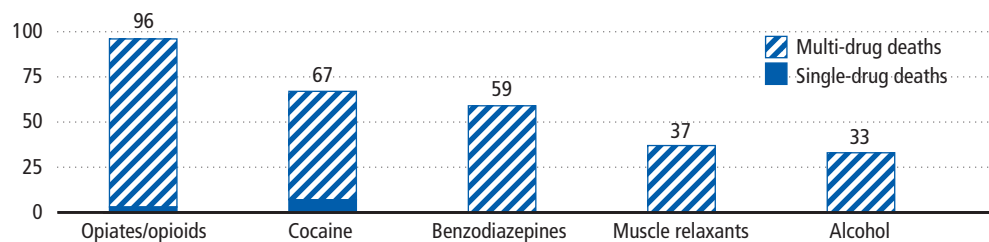
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 123 | 130 | 12 | 11 | -- | 0 |
| Alcohol* | 31 | 33 | 0 | -- | -- | -- |
| Cocaine | 54 | 67 | 7 | -- | -- | -- |
| Marijuana | 22 | 22 | 0 | -- | -- | -- |
| Stimulants | 12 | 9 | 0 | -- | -- | -- |
| Club drugs† | 0 | 5 | -- | 0 | -- | -- |
| Hallucinogens** | 0 | 0 | 0 | 0 | -- | -- |
| Inhalants | 0 | 0 | 0 | 0 | -- | -- |
| Antidepressants | 17 | 11 | 0 | -- | -- | -- |
| Antipsychotics | 0 | -- | 0 | 0 | -- | -- |
| Benzodiazepines | 70 | 59 | 0 | -- | -- | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 11 | 27 | -- | -- | -- | -- |
| Opiates/opioids | 101 | 96 | -- | 8 | -- | -- |
| Heroin (specified) | 4 | 6 | 0 | 0 | -- | -- |
| Methadone | 53 | 42 | -- | -- | -- | -- |
| All other opiates/opioids | 70 | 74 | -- | 7 | -- | -- |
| Nonsteroidal anti-inflammatory agents | -- | -- | 0 | 0 | -- | -- |
| Salicylates/combinations | 0 | 0 | 0 | 0 | -- | -- |
| Misc. analgesics/combinations | 16 | 16 | 0 | -- | -- | -- |
| Anticonvulsants | -- | -- | 0 | 0 | -- | -- |
| Muscle relaxants | 29 | 37 | 0 | -- | -- | -- |

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

Death rates by gender and age: Drug-related, 2006



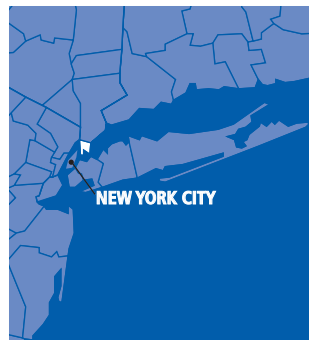
Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

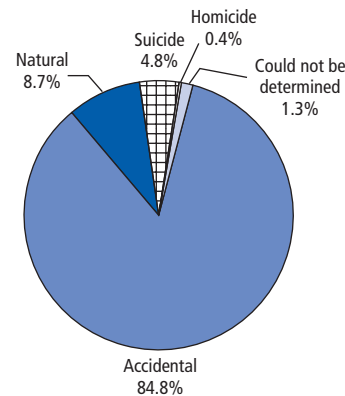
New York-Northern New Jersey-Long Island, NY-NJ-PA: Bronx County, NY



Bronx County, NY: Deaths and population, 2006

| | |
|--------------------------------------|------|
| Deaths reported to DAWN | |
| Drug-related..... | 220 |
| Drug-related suicide..... | 11 |
| Population.....1,361,473 | |
| Deaths per 100,000 population | |
| Drug-related..... | 16.2 |
| Drug-related suicide..... | 0.8 |

Deaths by manner of death, 2006



Place of death, 2006

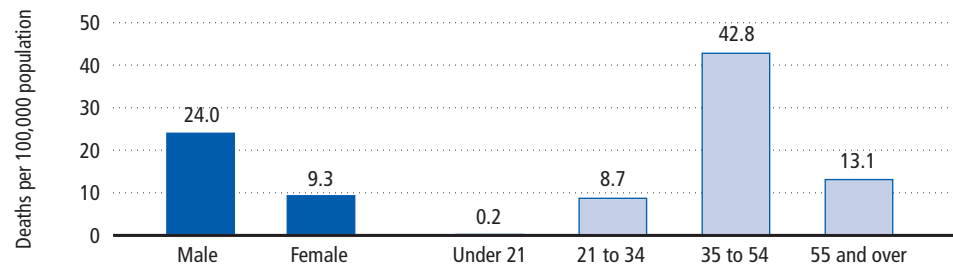
| | | |
|-----------------------------|--|---------------|
| Drug-related | | Deaths |
| Health care facility..... | | 75 |
| Home..... | | 126 |
| Public place..... | | -- |
| Other..... | | 14 |
| Not documented..... | | 4 |
| Drug-related suicide | | Deaths |
| Health care facility..... | | -- |
| Home..... | | 9 |
| Public place..... | | 0 |
| Other..... | | 0 |
| Not documented..... | | -- |

Drug-related deaths by drug category, 2005-2006

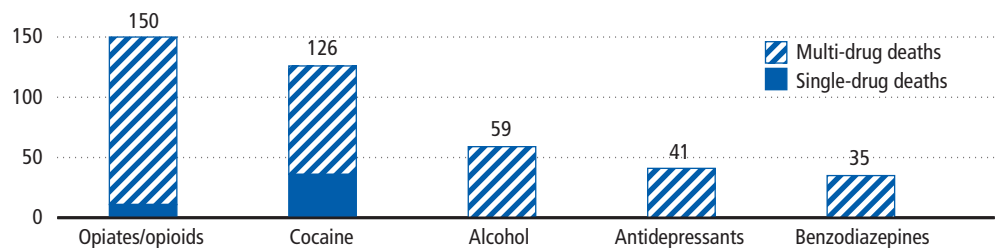
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 208 | 220 | 47 | 4 | 11 | -- |
| Alcohol* | 73 | 59 | 0 | -- | -- | -- |
| Cocaine | 121 | 126 | 36 | 0 | -- | -- |
| Marijuana | 5 | 4 | 0 | 0 | 0 | -- |
| Stimulants | 0 | 0 | 0 | 0 | 0 | -- |
| Club drugs† | -- | -- | 0 | 0 | 0 | -- |
| Hallucinogens** | -- | 6 | 0 | 0 | 0 | -- |
| Inhalants | 4 | 0 | 0 | 0 | 0 | -- |
| Antidepressants | 53 | 41 | 0 | -- | 6 | -- |
| Antipsychotics | 25 | 23 | 0 | -- | 4 | -- |
| Benzodiazepines | 35 | 35 | 0 | -- | 4 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 42 | 28 | 0 | 0 | 5 | -- |
| Opiates/opioids | 147 | 150 | 11 | -- | 5 | -- |
| Heroin (specified) | 14 | 15 | 0 | 0 | 0 | -- |
| Methadone | 78 | 71 | 7 | 0 | -- | -- |
| All other opiates/opioids | 97 | 109 | 4 | -- | 4 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | -- | -- |
| Salicylates/combinations | -- | -- | 0 | 0 | 0 | -- |
| Misc. analgesics/combinations | 17 | 12 | 0 | -- | -- | -- |
| Anticonvulsants | -- | 4 | 0 | 0 | -- | -- |
| Muscle relaxants | 5 | -- | 0 | -- | 0 | -- |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

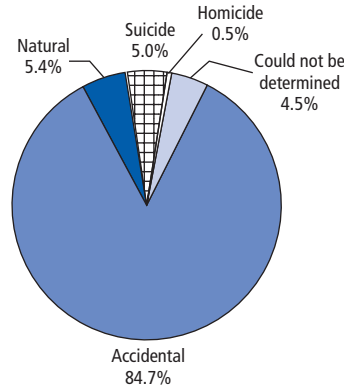
New York-Northern New Jersey-Long Island, NY-NJ-PA: Kings County, NY



Kings County, NY: Deaths and population, 2006

| | |
|--------------------------------------|-----------|
| Deaths reported to DAWN | |
| Drug-related..... | 192 |
| Drug-related suicide..... | 10 |
| Population | 2,508,820 |
| Deaths per 100,000 population | |
| Drug-related..... | 7.7 |
| Drug-related suicide..... | 0.4 |

Deaths by manner of death, 2006



Place of death, 2006

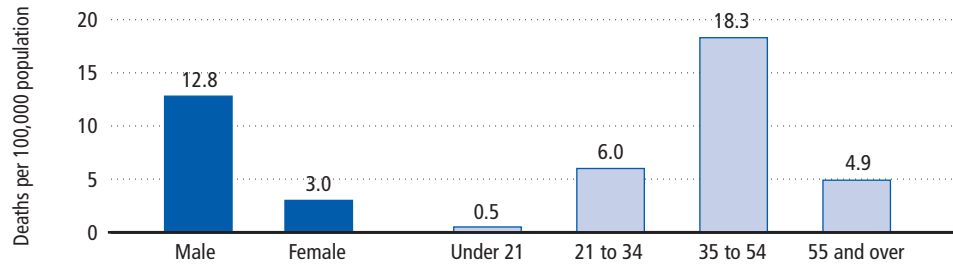
| | | |
|-----------------------------|--|---------------|
| Drug-related | | Deaths |
| Health care facility..... | | 69 |
| Home..... | | 98 |
| Public place..... | | 5 |
| Other..... | | 16 |
| Not documented..... | | 4 |
| Drug-related suicide | | Deaths |
| Health care facility..... | | 0 |
| Home..... | | 10 |
| Public place..... | | 0 |
| Other..... | | 0 |
| Not documented..... | | 0 |

Drug-related deaths by drug category, 2005-2006

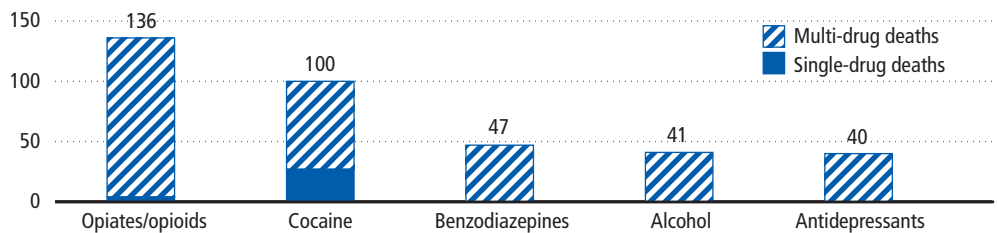
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 188 | 192 | 31 | 5 | 10 | -- |
| Alcohol* | 56 | 41 | 0 | -- | -- | -- |
| Cocaine | 105 | 100 | 27 | 0 | -- | -- |
| Marijuana | 4 | 9 | 0 | 0 | 0 | -- |
| Stimulants | 0 | -- | 0 | 0 | 0 | -- |
| Club drugs† | 0 | -- | 0 | 0 | 0 | -- |
| Hallucinogens** | -- | -- | 0 | 0 | 0 | -- |
| Inhalants | 9 | 0 | 0 | 0 | 0 | -- |
| Antidepressants | 56 | 40 | 0 | 4 | 6 | -- |
| Antipsychotics | 20 | 17 | 0 | -- | 4 | -- |
| Benzodiazepines | 36 | 47 | 0 | -- | -- | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 33 | 29 | 0 | -- | -- | -- |
| Opiates/opioids | 131 | 136 | 4 | -- | -- | -- |
| Heroin (specified) | -- | 0 | 0 | 0 | 0 | -- |
| Methadone | 63 | 55 | -- | -- | 0 | -- |
| All other opiates/opioids | 99 | 107 | -- | -- | -- | -- |
| Nonsteroidal anti-inflammatory agents | -- | -- | 0 | 0 | 0 | -- |
| Salicylates/combinations | 0 | 0 | 0 | 0 | 0 | -- |
| Misc. analgesics/combinations | 12 | 18 | 0 | -- | -- | -- |
| Anticonvulsants | 6 | 7 | 0 | 0 | -- | -- |
| Muscle relaxants | -- | 5 | 0 | 0 | -- | -- |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

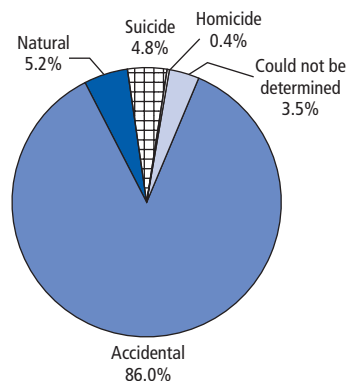
New York-Northern New Jersey-Long Island, NY-NJ-PA: New York County, NY



New York County, NY: Deaths and population, 2006

| | |
|--------------------------------------|------|
| Deaths reported to DAWN | |
| Drug-related..... | 218 |
| Drug-related suicide..... | 11 |
| Population.....1,611,581 | |
| Deaths per 100,000 population | |
| Drug-related..... | 13.5 |
| Drug-related suicide..... | 0.7 |

Deaths by manner of death, 2006



Place of death, 2006

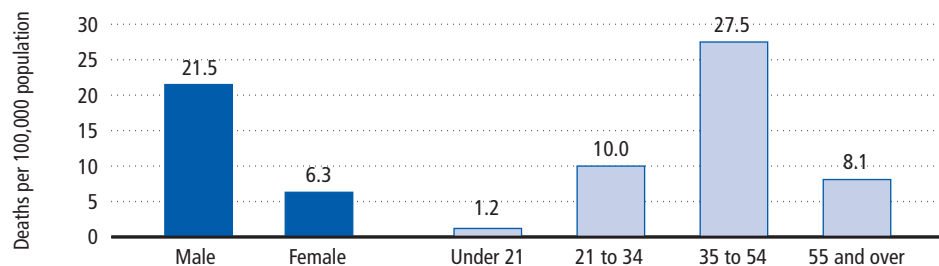
| Drug-related | | Deaths |
|-----------------------------|--|---------------|
| Health care facility | | 74 |
| Home | | 100 |
| Public place | | 11 |
| Other | | 28 |
| Not documented | | 5 |
| Drug-related suicide | | Deaths |
| Health care facility | | -- |
| Home | | 9 |
| Public place | | 0 |
| Other | | -- |
| Not documented | | 0 |

Drug-related deaths by drug category, 2005-2006

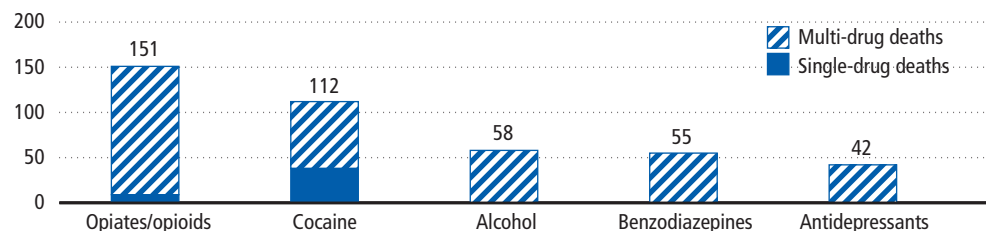
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 202 | 218 | 48 | 25 | 11 | 0 |
| Alcohol* | 60 | 58 | 0 | 8 | 5 | |
| Cocaine | 107 | 112 | 38 | -- | -- | |
| Marijuana | 5 | 7 | 0 | 0 | 0 | |
| Stimulants | -- | 5 | 0 | 0 | 0 | |
| Club drugs† | -- | 4 | -- | 0 | 0 | |
| Hallucinogens** | 0 | -- | 0 | 0 | 0 | |
| Inhalants | -- | 0 | 0 | -- | 0 | |
| Antidepressants | 54 | 42 | 0 | 15 | 6 | |
| Antipsychotics | 14 | 17 | 0 | 6 | -- | |
| Benzodiazepines | 54 | 55 | 0 | 9 | 4 | |
| Misc. anxiolytics, sedatives, and hypnotics | 37 | 36 | 0 | 6 | -- | |
| Opiates/opioids | 148 | 151 | 9 | 12 | 7 | |
| Heroin (specified) | 15 | 19 | -- | 0 | -- | |
| Methadone | 67 | 69 | 8 | -- | 0 | |
| All other opiates/opioids | 99 | 101 | 0 | 11 | 7 | |
| Nonsteroidal anti-inflammatory agents | -- | 0 | 0 | 0 | 0 | |
| Salicylates/combinations | -- | -- | 0 | -- | 0 | |
| Misc. analgesics/combinations | 24 | 30 | 0 | 5 | 4 | |
| Anticonvulsants | 4 | 0 | 0 | -- | 0 | |
| Muscle relaxants | 7 | 4 | 0 | 0 | -- | |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

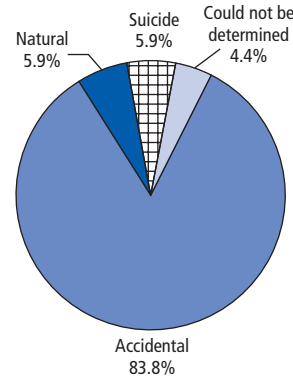
New York-Northern New Jersey-Long Island, NY-NJ-PA: Queens County, NY



Queens County, NY: Deaths and population, 2006

| | |
|--------------------------------------|-----------|
| Deaths reported to DAWN | |
| Drug-related..... | 128 |
| Drug-related suicide..... | 8 |
| Population | 2,255,175 |
| Deaths per 100,000 population | |
| Drug-related..... | 5.7 |
| Drug-related suicide..... | 0.4 |

Deaths by manner of death, 2006



Place of death, 2006

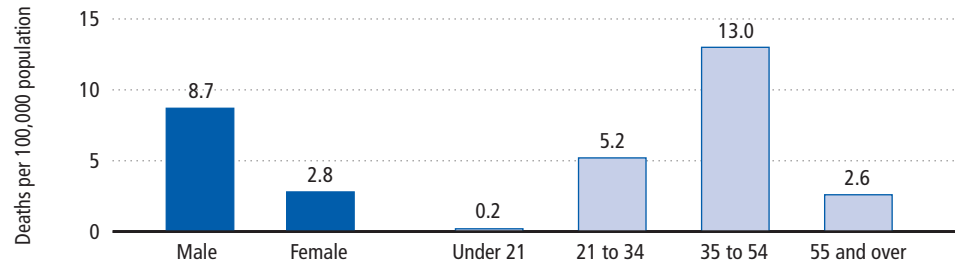
| | | |
|-----------------------------|-------|---------------|
| Drug-related | | Deaths |
| Health care facility | ..... | 42 |
| Home | ..... | 70 |
| Public place | ..... | -- |
| Other | ..... | 8 |
| Not documented | ..... | 5 |
| Drug-related suicide | | Deaths |
| Health care facility | ..... | -- |
| Home | ..... | 4 |
| Public place | ..... | -- |
| Other | ..... | -- |
| Not documented | ..... | 0 |

Drug-related deaths by drug category, 2005-2006

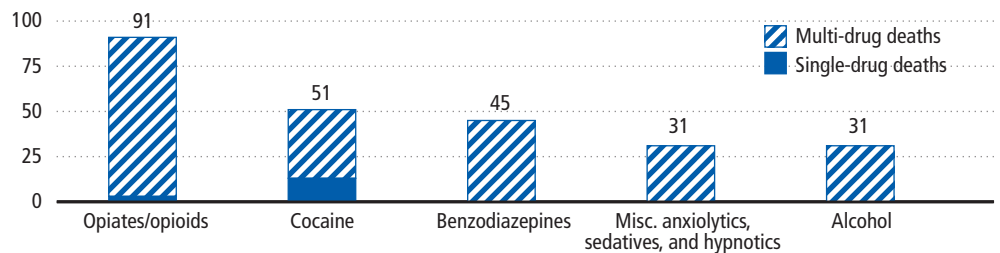
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 112 | 128 | 18 | 7 | 8 | -- |
| Alcohol* | 41 | 31 | 0 | -- | -- | -- |
| Cocaine | 66 | 51 | 13 | -- | 0 | -- |
| Marijuana | -- | 7 | 0 | 0 | 0 | -- |
| Stimulants | -- | -- | 0 | 0 | 0 | -- |
| Club drugs† | -- | 0 | 0 | 0 | 0 | -- |
| Hallucinogens** | -- | 0 | 0 | 0 | 0 | -- |
| Inhalants | 10 | 0 | 0 | 0 | -- | -- |
| Antidepressants | 25 | 25 | 0 | -- | -- | -- |
| Antipsychotics | 14 | 17 | -- | -- | -- | -- |
| Benzodiazepines | 24 | 45 | 0 | 0 | -- | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 20 | 31 | 0 | -- | -- | -- |
| Opiates/opioids | 67 | 91 | -- | -- | -- | -- |
| Heroin (specified) | -- | 7 | 0 | 0 | 0 | -- |
| Methadone | 27 | 40 | -- | 0 | -- | -- |
| All other opiates/opioids | 53 | 59 | 0 | -- | -- | -- |
| Nonsteroidal anti-inflammatory agents | -- | -- | 0 | -- | 0 | -- |
| Salicylates/combinations | -- | -- | 0 | 0 | 0 | -- |
| Misc. analgesics/combinations | 11 | 16 | 0 | -- | 4 | -- |
| Anticonvulsants | 6 | -- | 0 | 0 | -- | -- |
| Muscle relaxants | 4 | 5 | 0 | -- | 0 | -- |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

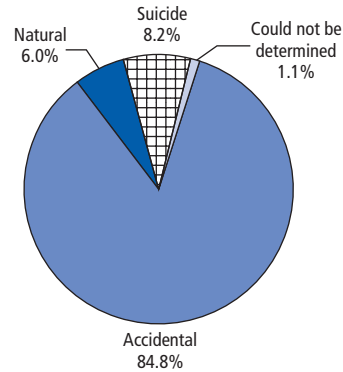
New York-Northern New Jersey-Long Island, NY-NJ-PA: Suffolk County, NY



Suffolk County, NY: Deaths and population, 2006

| | |
|--------------------------------------|-----------|
| Deaths reported to DAWN | |
| Drug-related..... | 169 |
| Drug-related suicide..... | 15 |
| Population | 1,469,715 |
| Deaths per 100,000 population | |
| Drug-related..... | 11.5 |
| Drug-related suicide..... | 1.0 |

Deaths by manner of death, 2006



Place of death, 2006

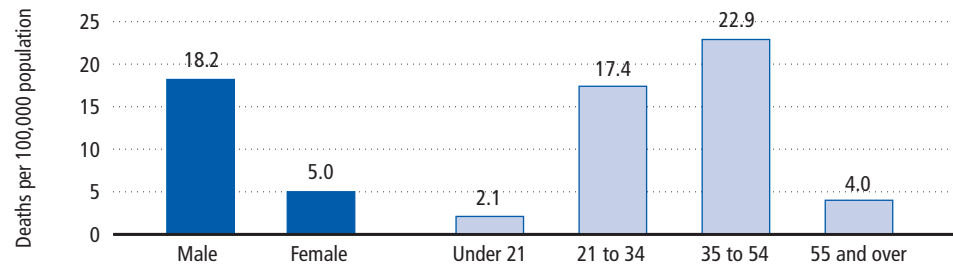
| | | |
|-----------------------------|-------|---------------|
| Drug-related | | Deaths |
| Health care facility | ..... | 16 |
| Home | ..... | 126 |
| Public place | ..... | 6 |
| Other | ..... | 21 |
| Not documented | ..... | 0 |
| Drug-related suicide | | Deaths |
| Health care facility | ..... | 4 |
| Home | ..... | 8 |
| Public place | ..... | 0 |
| Other | ..... | -- |
| Not documented | ..... | 0 |

Drug-related deaths by drug category, 2005-2006

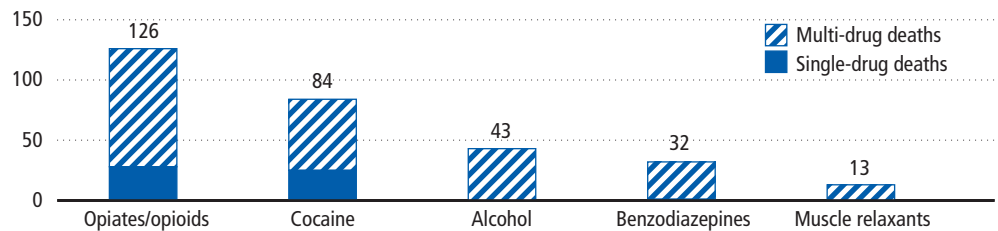
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 141 | 169 | 56 | 21 | 15 | 5 |
| Alcohol* | 36 | 43 | 0 | 5 | -- | 0 |
| Cocaine | 45 | 84 | 25 | -- | -- | -- |
| Marijuana | -- | -- | 0 | 0 | 0 | 0 |
| Stimulants | -- | -- | 0 | 0 | 0 | 0 |
| Club drugs† | -- | 0 | 0 | 0 | 0 | 0 |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | 0 | -- | -- | 0 | 0 | 0 |
| Antidepressants | 14 | 11 | 0 | 8 | -- | 0 |
| Antipsychotics | -- | 0 | 0 | -- | 0 | 0 |
| Benzodiazepines | 27 | 32 | -- | 6 | 4 | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | 14 | 10 | 0 | 6 | 6 | 0 |
| Opiates/opioids | 101 | 126 | 28 | 10 | 7 | -- |
| Heroin (specified) | 45 | 41 | 11 | 0 | 0 | 0 |
| Methadone | 22 | 28 | 9 | -- | -- | -- |
| All other opiates/opioids | 46 | 70 | 8 | 9 | 5 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | 0 |
| Salicylates/combinations | -- | 0 | 0 | 0 | 0 | 0 |
| Misc. analgesics/combinations | 9 | 8 | -- | 7 | 4 | 0 |
| Anticonvulsants | -- | 0 | 0 | 0 | -- | 0 |
| Muscle relaxants | 9 | 13 | 0 | 5 | 0 | 0 |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

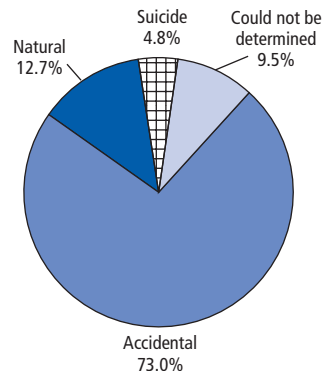
New York-Northern New Jersey-Long Island, NY-NJ-PA: Union County, NJ



Union County, NJ: Deaths and population, 2006

| | |
|--------------------------------------|------|
| Deaths reported to DAWN | |
| Drug-related..... | 60 |
| Drug-related suicide..... | 3 |
| Population.....531,088 | |
| Deaths per 100,000 population | |
| Drug-related..... | 11.3 |
| Drug-related suicide..... | 0.6 |

Deaths by manner of death, 2006



Place of death, 2006

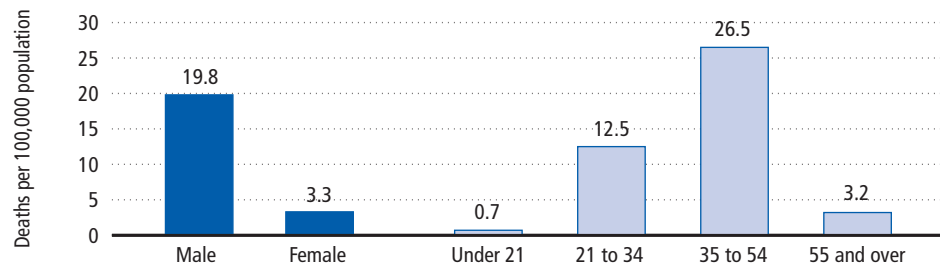
| | | |
|-----------------------------|-------|---------------|
| Drug-related | | Deaths |
| Health care facility | ..... | 11 |
| Home | ..... | 42 |
| Public place | ..... | -- |
| Other | ..... | 5 |
| Not documented | ..... | 0 |
| Drug-related suicide | | Deaths |
| Health care facility | ..... | 0 |
| Home | ..... | -- |
| Public place | ..... | -- |
| Other | ..... | 0 |
| Not documented | ..... | 0 |

Drug-related deaths by drug category, 2005-2006

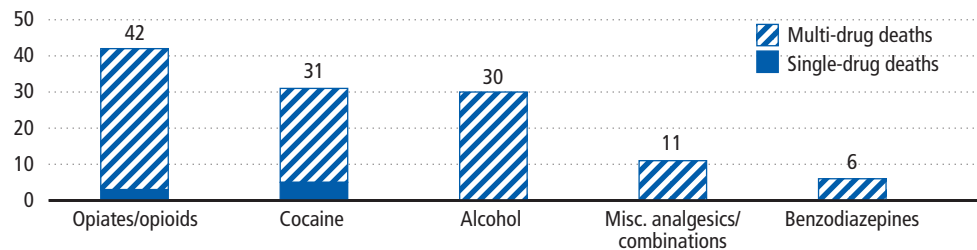
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 45 | 60 | 8 | 5 | -- | -- |
| Alcohol* | 23 | 30 | 0 | -- | -- | -- |
| Cocaine | 26 | 31 | 5 | -- | -- | -- |
| Marijuana | 0 | 0 | 0 | 0 | -- | -- |
| Stimulants | 0 | 0 | 0 | 0 | -- | -- |
| Club drugs† | 0 | 0 | 0 | 0 | -- | -- |
| Hallucinogens** | 0 | 0 | 0 | 0 | -- | -- |
| Inhalants | 0 | 0 | 0 | 0 | -- | -- |
| Antidepressants | -- | 4 | 0 | -- | -- | -- |
| Antipsychotics | 0 | 0 | 0 | 0 | -- | -- |
| Benzodiazepines | 9 | 6 | 0 | -- | -- | -- |
| Misc. anxiolytics, sedatives, and hypnotics | -- | -- | 0 | -- | -- | -- |
| Opiates/opioids | 30 | 42 | -- | 0 | -- | -- |
| Heroin (specified) | 5 | 4 | 0 | 0 | -- | -- |
| Methadone | 6 | 8 | -- | 0 | -- | -- |
| All other opiates/opioids | 23 | 36 | -- | 0 | -- | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | -- | -- |
| Salicylates/combinations | 0 | -- | 0 | 0 | -- | -- |
| Misc. analgesics/combinations | 6 | 11 | 0 | -- | -- | -- |
| Anticonvulsants | -- | -- | 0 | 0 | -- | -- |
| Muscle relaxants | -- | 0 | 0 | 0 | -- | -- |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Oklahoma City, OK: Oklahoma County, OK



Oklahoma County, OK: Deaths and population, 2006

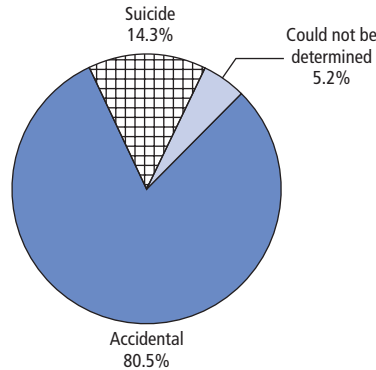
| | |
|--------------------------------------|---------|
| Deaths reported to DAWN | |
| Drug-related..... | 66 |
| Drug-related suicide..... | 11 |
| Population | 691,266 |
| Deaths per 100,000 population | |
| Drug-related..... | 9.5 |
| Drug-related suicide..... | 1.6 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 53 | 66 | 38 | 8 | 11 | 9 |
| Alcohol* | 10 | 16 | 0 | -- | -- | 0 |
| Cocaine | 12 | 9 | -- | -- | 0 | 0 |
| Marijuana | 0 | 0 | 0 | 0 | 0 | 0 |
| Stimulants | 12 | 4 | -- | -- | 0 | 0 |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | 0 |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | 4 | 0 | 0 | 0 | 0 | 0 |
| Antidepressants | 7 | 6 | -- | -- | -- | -- |
| Antipsychotics | -- | 4 | -- | 0 | -- | -- |
| Benzodiazepines | 16 | 8 | -- | -- | -- | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 4 | -- | 0 | 0 | -- | -- |
| Opiates/opioids | 34 | 43 | 26 | 0 | -- | -- |
| Heroin (specified) | -- | -- | 0 | 0 | 0 | 0 |
| Methadone | 11 | 13 | 11 | 0 | 0 | 0 |
| All other opiates/opioids | 22 | 29 | 15 | 0 | -- | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | 0 |
| Salicylates/combinations | 0 | 0 | 0 | 0 | -- | 0 |
| Misc. analgesics/combinations | 5 | -- | 0 | -- | -- | -- |
| Anticonvulsants | -- | -- | 0 | -- | 0 | 0 |
| Muscle relaxants | 6 | 7 | -- | -- | 0 | 0 |

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

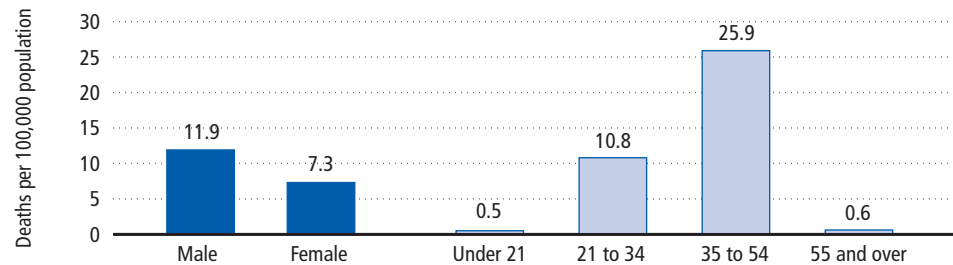
Deaths by manner of death, 2006



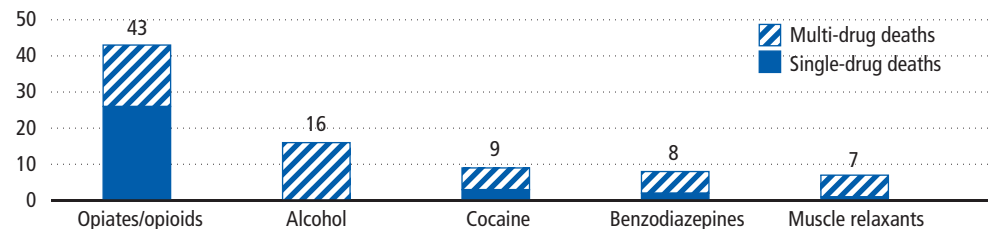
Place of death, 2006

| | | |
|-----------------------------|-------|---------------|
| Drug-related | | Deaths |
| Health care facility | ..... | 10 |
| Home | ..... | 43 |
| Public place | ..... | 6 |
| Other | ..... | 6 |
| Not documented | ..... | -- |
| Drug-related suicide | | Deaths |
| Health care facility | ..... | -- |
| Home | ..... | 6 |
| Public place | ..... | -- |
| Other | ..... | -- |
| Not documented | ..... | 0 |

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

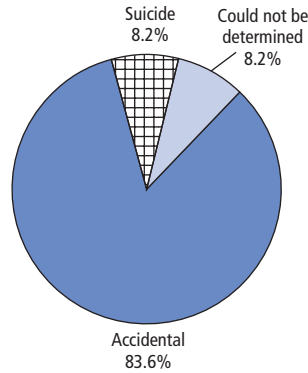
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD: Bucks County, PA



Bucks County, PA: Deaths and population, 2006

| | |
|--------------------------------------|---------|
| Deaths reported to DAWN | |
| Drug-related..... | 67 |
| Drug-related suicide..... | 6 |
| Population | 623,205 |
| Deaths per 100,000 population | |
| Drug-related..... | 10.8 |
| Drug-related suicide..... | 1.0 |

Deaths by manner of death, 2006



Place of death, 2006

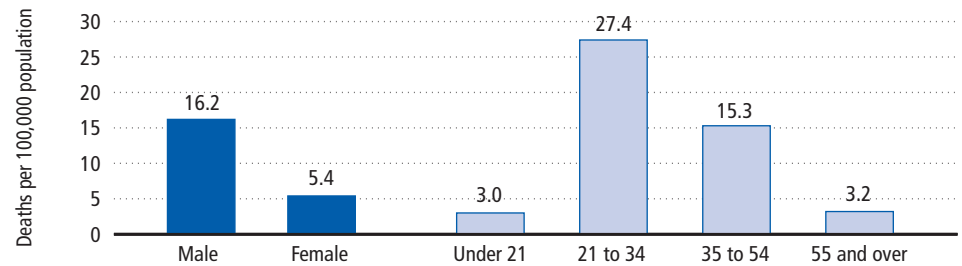
| | | |
|-----------------------------|--|---------------|
| Drug-related | | Deaths |
| Health care facility | | 7 |
| Home | | 43 |
| Public place | | 0 |
| Other | | 17 |
| Not documented | | 0 |
| Drug-related suicide | | Deaths |
| Health care facility | | -- |
| Home | | -- |
| Public place | | -- |
| Other | | -- |
| Not documented | | 0 |

Drug-related deaths by drug category, 2005-2006

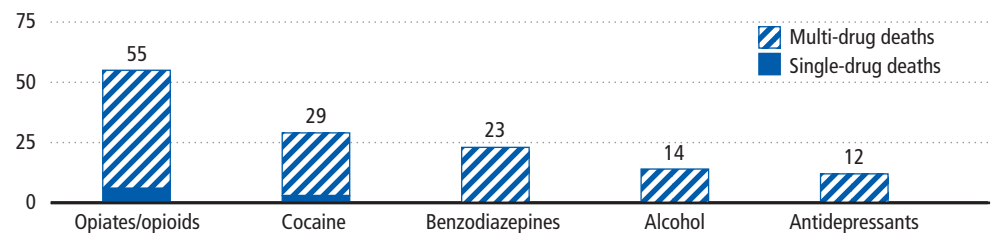
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 59 | 67 | 9 | 13 | 6 | 0 |
| Alcohol* | 17 | 14 | 0 | 6 | 4 | |
| Cocaine | 22 | 29 | -- | 0 | 0 | |
| Marijuana | 0 | 0 | 0 | 0 | 0 | |
| Stimulants | 0 | 0 | 0 | 0 | -- | |
| Club drugs† | -- | 0 | 0 | 0 | 0 | |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 | |
| Inhalants | -- | 0 | 0 | 0 | 0 | |
| Antidepressants | 15 | 12 | 0 | 8 | 6 | |
| Antipsychotics | -- | 0 | 0 | -- | -- | |
| Benzodiazepines | 22 | 23 | 0 | 6 | -- | |
| Misc. anxiolytics, sedatives, and hypnotics | 7 | 5 | 0 | 4 | -- | |
| Opiates/opioids | 50 | 55 | 6 | 6 | 0 | |
| Heroin (specified) | 20 | 21 | -- | 0 | 0 | |
| Methadone | 11 | 14 | -- | 0 | 0 | |
| All other opiates/opioids | 27 | 35 | -- | 6 | 0 | |
| Nonsteroidal anti-inflammatory agents | -- | -- | 0 | 0 | 0 | |
| Salicylates/combinations | -- | 0 | 0 | -- | 0 | |
| Misc. analgesics/combinations | -- | -- | 0 | -- | 0 | |
| Anticonvulsants | -- | -- | 0 | 0 | -- | |
| Muscle relaxants | -- | 5 | 0 | -- | 0 | |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

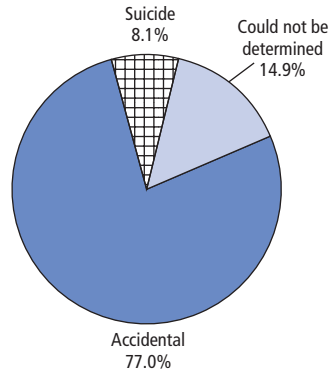
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD: Delaware County, PA



Delaware County, PA: Deaths and population, 2006

| | |
|--------------------------------------|---------|
| Deaths reported to DAWN | |
| Drug-related..... | 136 |
| Drug-related suicide..... | 12 |
| Population | 555,996 |
| Deaths per 100,000 population | |
| Drug-related..... | 24.5 |
| Drug-related suicide..... | 2.2 |

Deaths by manner of death, 2006



Place of death, 2006

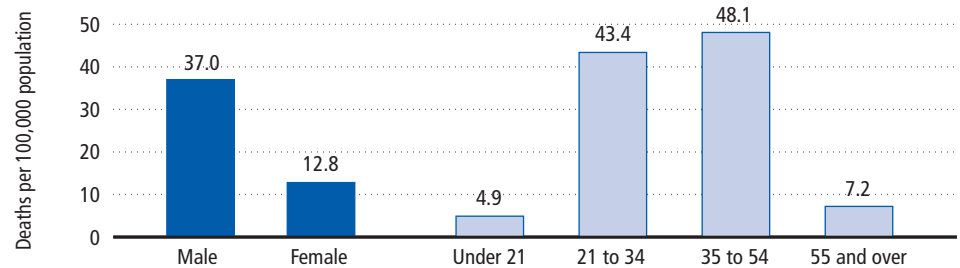
| | | |
|-----------------------------|--|---------------|
| Drug-related | | Deaths |
| Health care facility | | 38 |
| Home | | 76 |
| Public place | | 7 |
| Other | | 15 |
| Not documented | | 0 |
| Drug-related suicide | | Deaths |
| Health care facility | | -- |
| Home | | 7 |
| Public place | | -- |
| Other | | -- |
| Not documented | | 0 |

Drug-related deaths by drug category, 2005-2006

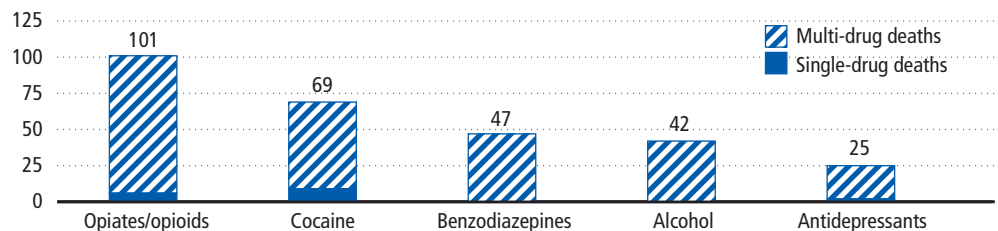
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 90 | 136 | 21 | 6 | 12 | -- |
| Alcohol* | 30 | 42 | 0 | -- | 8 | -- |
| Cocaine | 44 | 69 | 9 | 0 | -- | -- |
| Marijuana | 10 | 9 | -- | 0 | 0 | -- |
| Stimulants | -- | 4 | -- | 0 | 0 | -- |
| Club drugs† | -- | 0 | 0 | 0 | 0 | -- |
| Hallucinogens** | -- | 6 | -- | 0 | 0 | -- |
| Inhalants | -- | -- | 0 | 0 | -- | -- |
| Antidepressants | 17 | 25 | -- | 6 | 5 | -- |
| Antipsychotics | -- | -- | 0 | -- | -- | -- |
| Benzodiazepines | 30 | 47 | 0 | 0 | 0 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 6 | 13 | 0 | -- | -- | -- |
| Opiates/opioids | 63 | 101 | 6 | -- | 6 | -- |
| Heroin (specified) | 11 | 34 | 4 | 0 | 0 | -- |
| Methadone | 16 | 15 | -- | 0 | 0 | -- |
| All other opiates/opioids | 45 | 80 | -- | -- | 6 | -- |
| Nonsteroidal anti-inflammatory agents | 4 | 0 | 0 | 0 | 0 | -- |
| Salicylates/combinations | 0 | 0 | 0 | 0 | 0 | -- |
| Misc. analgesics/combinations | -- | 8 | 0 | 0 | -- | -- |
| Anticonvulsants | 5 | -- | 0 | 0 | 0 | -- |
| Muscle relaxants | 6 | 4 | 0 | 0 | 0 | -- |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

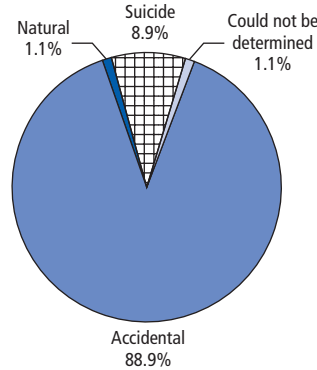
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD: Montgomery County, PA



Montgomery County, PA: Deaths and population, 2006

| | |
|--------------------------------------|---------|
| Deaths reported to DAWN | |
| Drug-related..... | 82 |
| Drug-related suicide..... | 8 |
| Population | 775,688 |
| Deaths per 100,000 population | |
| Drug-related..... | 10.6 |
| Drug-related suicide..... | 1.0 |

Deaths by manner of death, 2006



Place of death, 2006

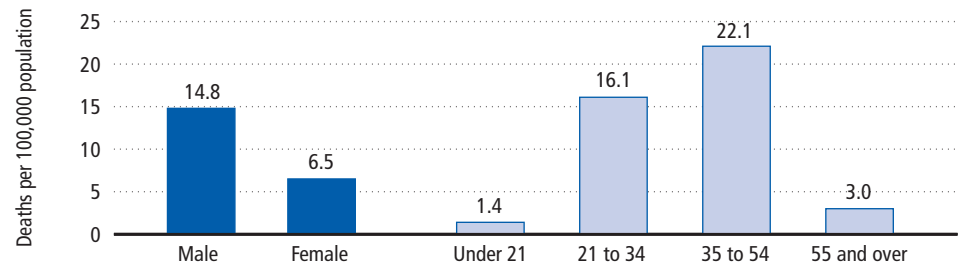
| | | |
|-----------------------------|--|---------------|
| Drug-related | | Deaths |
| Health care facility..... | | 14 |
| Home..... | | 44 |
| Public place..... | | 4 |
| Other..... | | 12 |
| Not documented..... | | 8 |
| Drug-related suicide | | Deaths |
| Health care facility..... | | 0 |
| Home..... | | 6 |
| Public place..... | | -- |
| Other..... | | 0 |
| Not documented..... | | 0 |

Drug-related deaths by drug category, 2005-2006

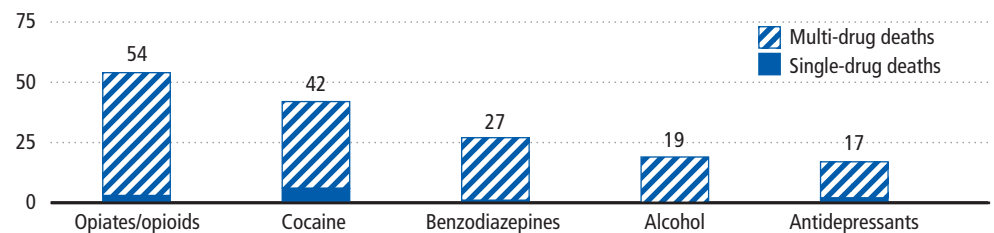
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | | 82 | 12 | | 8 | 0 |
| Alcohol* | | 19 | 0 | | -- | |
| Cocaine | | 42 | 6 | | -- | |
| Marijuana | | 13 | 0 | | 0 | |
| Stimulants | | 4 | 0 | | 0 | |
| Club drugs† | | 0 | 0 | | 0 | |
| Hallucinogens** | | 0 | 0 | | 0 | |
| Inhalants | | 0 | 0 | | 0 | |
| Antidepressants | | 17 | -- | | 5 | |
| Antipsychotics | | 4 | 0 | | -- | |
| Benzodiazepines | | 27 | -- | | 4 | |
| Misc. anxiolytics, sedatives, and hypnotics | | 11 | 0 | | -- | |
| Opiates/opioids | | 54 | -- | | 4 | |
| Heroin (specified) | | 13 | -- | | 0 | |
| Methadone | | 5 | 0 | | -- | |
| All other opiates/opioids | | 47 | -- | | -- | |
| Nonsteroidal anti-inflammatory agents | | 5 | 0 | | 0 | |
| Salicylates/combinations | | 0 | 0 | | 0 | |
| Misc. analgesics/combinations | | 6 | 0 | | 0 | |
| Anticonvulsants | | -- | 0 | | -- | |
| Muscle relaxants | | 5 | 0 | | -- | |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

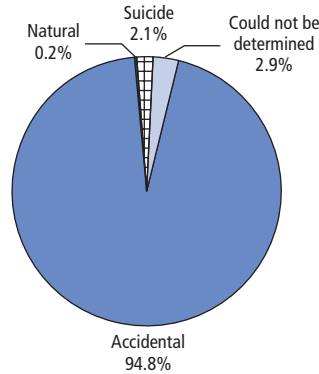
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD: Philadelphia County, PA



Philadelphia County, PA: Deaths and population, 2006

| | |
|--------------------------------------|-----------|
| Deaths reported to DAWN | |
| Drug-related..... | 606 |
| Drug-related suicide..... | 13 |
| Population | 1,448,394 |
| Deaths per 100,000 population | |
| Drug-related..... | 41.8 |
| Drug-related suicide..... | 0.9 |

Deaths by manner of death, 2006



Place of death, 2006

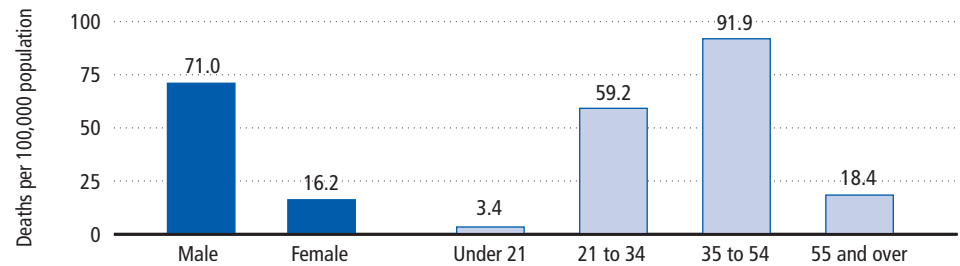
| | | |
|-----------------------------|--|---------------|
| Drug-related | | Deaths |
| Health care facility..... | | 215 |
| Home..... | | 285 |
| Public place..... | | 36 |
| Other..... | | 67 |
| Not documented..... | | -- |
| Drug-related suicide | | Deaths |
| Health care facility..... | | 5 |
| Home..... | | 8 |
| Public place..... | | 0 |
| Other..... | | 0 |
| Not documented..... | | 0 |

Drug-related deaths by drug category, 2005-2006

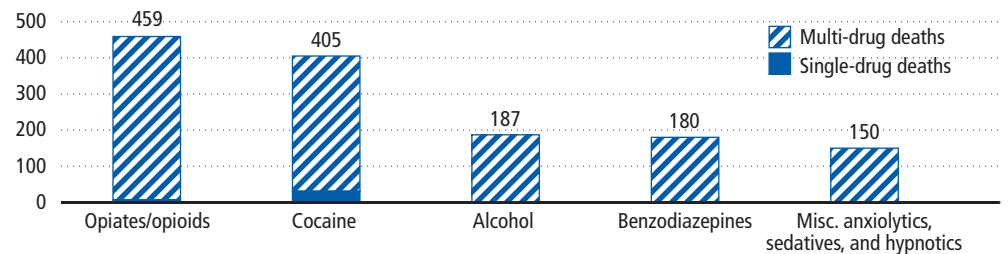
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 462 | 606 | 42 | 22 | 13 | 0 |
| Alcohol* | 116 | 187 | 0 | -- | 4 | |
| Cocaine | 301 | 405 | 31 | -- | -- | |
| Marijuana | 0 | -- | 0 | 0 | 0 | |
| Stimulants | 14 | 15 | 0 | 0 | -- | |
| Club drugs† | 4 | 6 | 0 | 0 | -- | |
| Hallucinogens** | 15 | 31 | 0 | 0 | 0 | |
| Inhalants | 0 | 0 | 0 | -- | 0 | |
| Antidepressants | 125 | 150 | 0 | 13 | -- | |
| Antipsychotics | 50 | 45 | 0 | -- | -- | |
| Benzodiazepines | 91 | 180 | -- | 8 | 5 | |
| Misc. anxiolytics, sedatives, and hypnotics | 74 | 150 | 0 | 8 | 5 | |
| Opiates/opioids | 298 | 459 | 7 | 11 | 9 | |
| Heroin (specified) | 98 | 144 | 0 | -- | 0 | |
| Methadone | 89 | 107 | 0 | -- | 0 | |
| All other opiates/opioids | 252 | 429 | 7 | 10 | 9 | |
| Nonsteroidal anti-inflammatory agents | 76 | 92 | 0 | -- | -- | |
| Salicylates/combinations | 0 | 0 | 0 | 0 | 0 | |
| Misc. analgesics/combinations | 14 | 21 | 0 | -- | 4 | |
| Anticonvulsants | 45 | 45 | 0 | 4 | 0 | |
| Muscle relaxants | 27 | 31 | 0 | -- | -- | |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

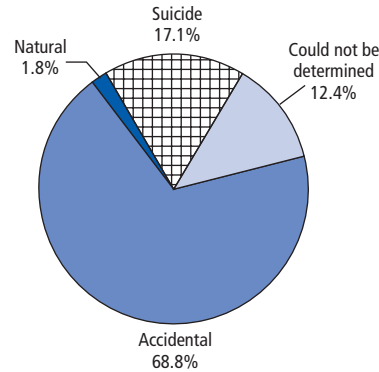
Portland-Vancouver-Beaverton, OR-WA: Multnomah County, OR



Multnomah County, OR: Deaths and population, 2006

| | |
|--------------------------------------|---------|
| Deaths reported to DAWN | |
| Drug-related..... | 141 |
| Drug-related suicide..... | 29 |
| Population | 681,454 |
| Deaths per 100,000 population | |
| Drug-related..... | 20.7 |
| Drug-related suicide..... | 4.3 |

Deaths by manner of death, 2006



Place of death, 2006

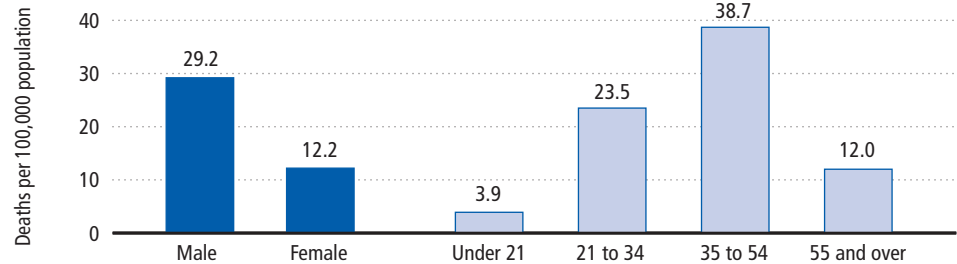
| | | |
|-----------------------------|--|---------------|
| Drug-related | | Deaths |
| Health care facility..... | | 22 |
| Home..... | | 89 |
| Public place..... | | 13 |
| Other..... | | 17 |
| Not documented..... | | 0 |
| Drug-related suicide | | Deaths |
| Health care facility..... | | 7 |
| Home..... | | 15 |
| Public place..... | | 0 |
| Other..... | | 7 |
| Not documented..... | | 0 |

Drug-related deaths by drug category, 2005-2006

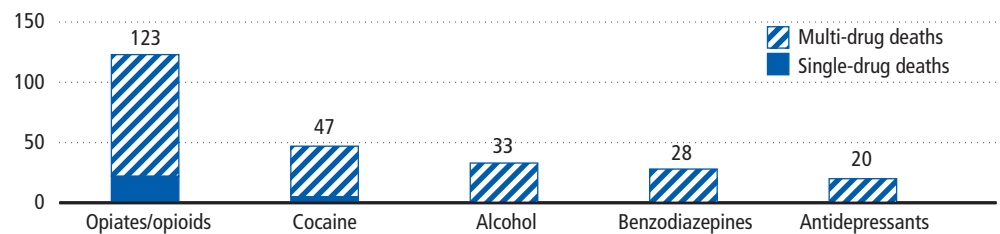
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 121 | 141 | 28 | 23 | 29 | -- |
| Alcohol* | 43 | 33 | 0 | 8 | 12 | -- |
| Cocaine | 36 | 47 | 5 | 4 | -- | -- |
| Marijuana | 9 | 13 | 0 | -- | 4 | -- |
| Stimulants | 16 | 20 | -- | 0 | -- | -- |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | -- |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 | -- |
| Inhalants | 0 | -- | 0 | 0 | -- | -- |
| Antidepressants | 12 | 20 | 0 | 7 | 15 | -- |
| Antipsychotics | -- | 6 | 0 | -- | -- | -- |
| Benzodiazepines | 19 | 28 | 0 | -- | 9 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 9 | 11 | 0 | 5 | 9 | -- |
| Opiates/opioids | 103 | 123 | 22 | 14 | 14 | -- |
| Heroin (specified) | 41 | 47 | 11 | -- | -- | -- |
| Methadone | 33 | 44 | 6 | -- | 4 | -- |
| All other opiates/opioids | 46 | 74 | 5 | 13 | 10 | -- |
| Nonsteroidal anti-inflammatory agents | -- | 0 | 0 | -- | 0 | -- |
| Salicylates/combinations | 0 | -- | 0 | 0 | 0 | -- |
| Misc. analgesics/combinations | -- | -- | 0 | -- | 4 | -- |
| Anticonvulsants | -- | 5 | 0 | -- | -- | -- |
| Muscle relaxants | -- | 5 | 0 | -- | -- | -- |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.
 SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Provo-Orem, UT: Utah County, UT



Utah County, UT: Deaths and population, 2006

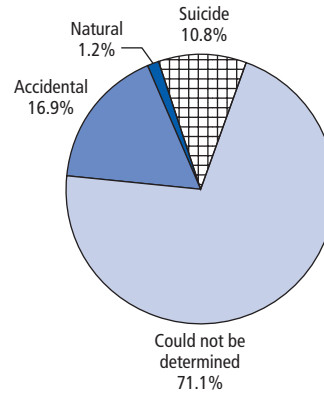
| | |
|--------------------------------------|---------|
| Deaths reported to DAWN | |
| Drug-related..... | 74 |
| Drug-related suicide..... | 9 |
| Population | 464,760 |
| Deaths per 100,000 population | |
| Drug-related..... | 15.9 |
| Drug-related suicide..... | 1.9 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 71 | 74 | -- | 6 | 9 | 0 |
| Alcohol* | 5 | 13 | -- | -- | -- | -- |
| Cocaine | 21 | 20 | -- | 0 | 0 | -- |
| Marijuana | 12 | 12 | -- | -- | -- | 0 |
| Stimulants | 8 | 10 | -- | -- | -- | -- |
| Club drugs† | 0 | 0 | -- | 0 | 0 | -- |
| Hallucinogens** | 0 | 0 | -- | 0 | 0 | -- |
| Inhalants | 0 | 0 | -- | 0 | 0 | -- |
| Antidepressants | 27 | 28 | -- | -- | 8 | -- |
| Antipsychotics | 7 | 7 | -- | 0 | -- | -- |
| Benzodiazepines | 25 | 34 | -- | -- | -- | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 17 | 22 | -- | -- | 4 | -- |
| Opiates/opioids | 64 | 69 | -- | -- | 4 | -- |
| Heroin (specified) | -- | -- | -- | -- | 0 | -- |
| Methadone | 20 | 19 | -- | 0 | -- | -- |
| All other opiates/opioids | 53 | 54 | -- | -- | -- | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | -- | 0 | -- | -- |
| Salicylates/combinations | 0 | 0 | -- | 0 | 0 | -- |
| Misc. analgesics/combinations | 8 | 8 | -- | 0 | -- | -- |
| Anticonvulsants | 7 | -- | -- | 4 | -- | -- |
| Muscle relaxants | 10 | 13 | -- | 0 | 0 | -- |

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

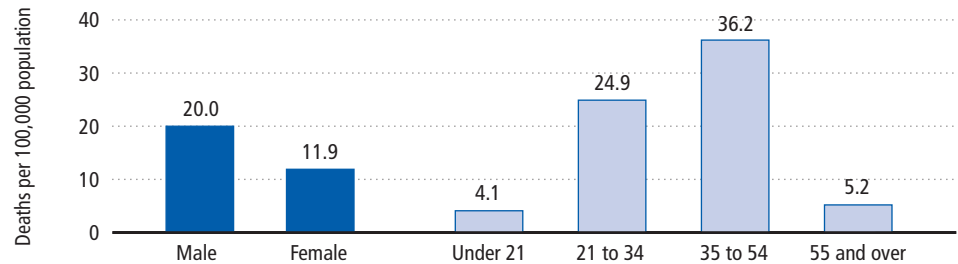
Deaths by manner of death, 2006



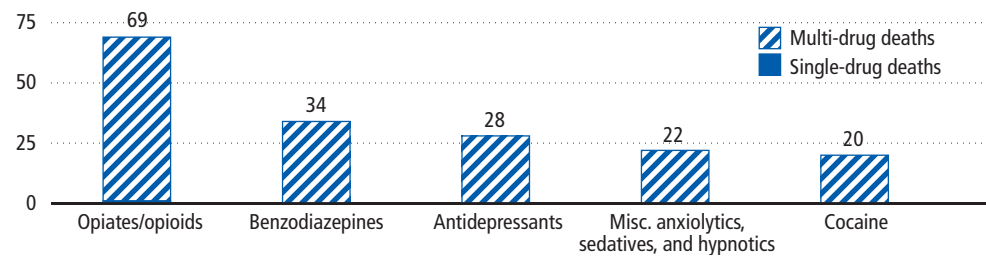
Place of death, 2006

| | | |
|-----------------------------|-------|---------------|
| Drug-related | | Deaths |
| Health care facility | ..... | 24 |
| Home | ..... | 42 |
| Public place | ..... | -- |
| Other | ..... | 5 |
| Not documented | ..... | 0 |
| Drug-related suicide | | Deaths |
| Health care facility | ..... | -- |
| Home | ..... | 5 |
| Public place | ..... | -- |
| Other | ..... | 0 |
| Not documented | ..... | 0 |

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

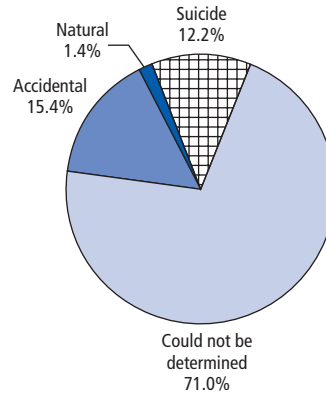
Salt Lake City, UT: Salt Lake County, UT



Salt Lake County, UT: Deaths and population, 2006

| | |
|--------------------------------------|---------|
| Deaths reported to DAWN | |
| Drug-related..... | 194 |
| Drug-related suicide..... | 27 |
| Population | 978,701 |
| Deaths per 100,000 population | |
| Drug-related..... | 19.8 |
| Drug-related suicide..... | 2.8 |

Deaths by manner of death, 2006



Place of death, 2006

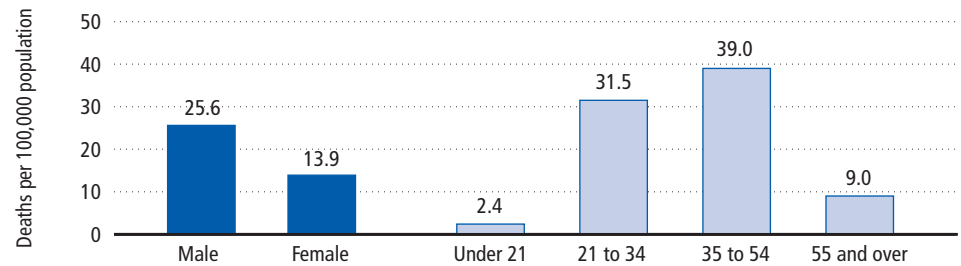
| | | |
|-----------------------------|--|---------------|
| Drug-related | | Deaths |
| Health care facility | | 40 |
| Home | | 130 |
| Public place | | 8 |
| Other | | 16 |
| Not documented | | 0 |
| Drug-related suicide | | Deaths |
| Health care facility | | 9 |
| Home | | 18 |
| Public place | | 0 |
| Other | | 0 |
| Not documented | | 0 |

Drug-related deaths by drug category, 2005-2006

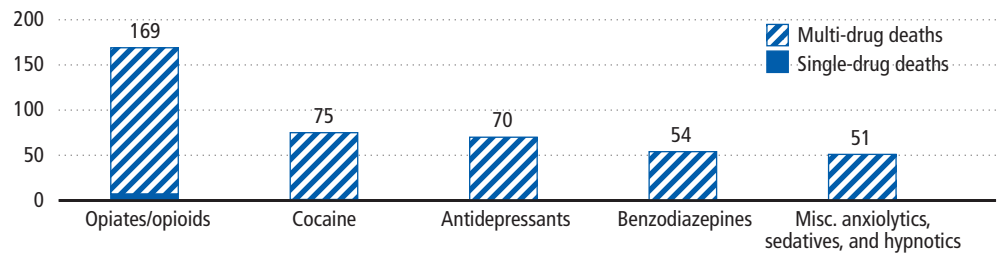
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 183 | 194 | 9 | 24 | 27 | -- |
| Alcohol* | 35 | 38 | 0 | 5 | 8 | -- |
| Cocaine | 59 | 75 | -- | -- | -- | -- |
| Marijuana | 27 | 43 | 0 | -- | -- | -- |
| Stimulants | 27 | 29 | 0 | -- | -- | -- |
| Club drugs† | -- | -- | 0 | 0 | 0 | -- |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 | -- |
| Inhalants | -- | -- | -- | 0 | 0 | -- |
| Antidepressants | 79 | 70 | 0 | 18 | 14 | -- |
| Antipsychotics | 17 | 6 | 0 | 5 | -- | -- |
| Benzodiazepines | 62 | 54 | 0 | 9 | 8 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 55 | 51 | 0 | 7 | 16 | -- |
| Opiates/opioids | 165 | 169 | 7 | 15 | 14 | -- |
| Heroin (specified) | 14 | 14 | 0 | 0 | 0 | -- |
| Methadone | 53 | 61 | -- | -- | -- | -- |
| All other opiates/opioids | 135 | 126 | 5 | 13 | 14 | -- |
| Nonsteroidal anti-inflammatory agents | -- | 0 | 0 | -- | 0 | -- |
| Salicylates/combinations | 0 | 0 | 0 | -- | -- | -- |
| Misc. analgesics/combinations | 24 | 10 | 0 | 11 | 5 | -- |
| Anticonvulsants | 17 | 8 | 0 | -- | 5 | -- |
| Muscle relaxants | 28 | 22 | 0 | -- | -- | -- |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

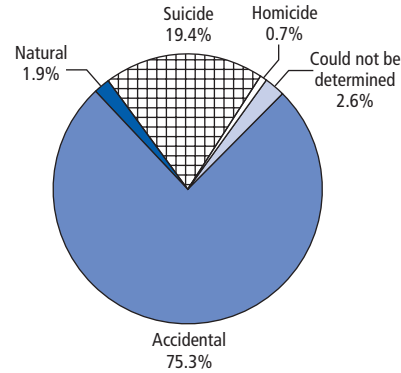
Seattle-Tacoma-Bellevue, WA: King County, WA



King County, WA: Deaths and population, 2006

| | |
|--------------------------------------|-----------|
| Deaths reported to DAWN | |
| Drug-related..... | 336 |
| Drug-related suicide..... | 81 |
| Population | |
| | 1,826,732 |
| Deaths per 100,000 population | |
| Drug-related..... | 18.4 |
| Drug-related suicide..... | 4.4 |

Deaths by manner of death, 2006



Place of death, 2006

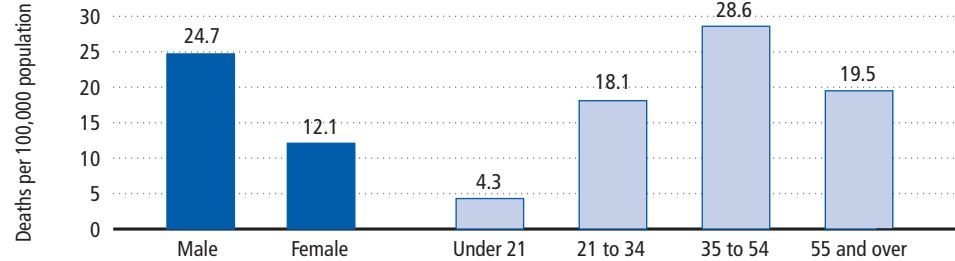
| | | |
|-----------------------------|-------|---------------|
| Drug-related | | Deaths |
| Health care facility | ..... | 99 |
| Home | ..... | 171 |
| Public place | ..... | 34 |
| Other | ..... | 32 |
| Not documented | ..... | 0 |
| Drug-related suicide | | Deaths |
| Health care facility | ..... | 10 |
| Home | ..... | 55 |
| Public place | ..... | 10 |
| Other | ..... | 6 |
| Not documented | ..... | 0 |

Drug-related deaths by drug category, 2005-2006

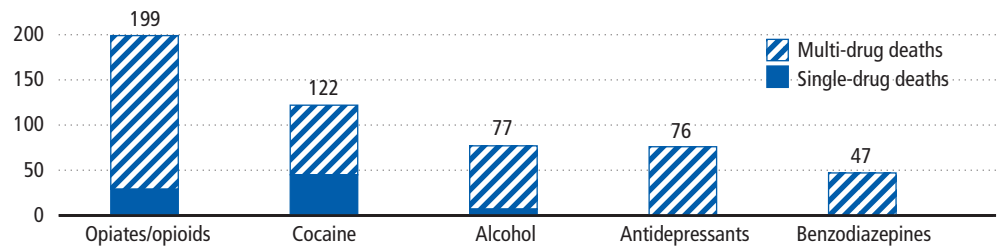
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 301 | 336 | 121 | 51 | 81 | 15 |
| Alcohol* | 73 | 77 | 7 | 16 | 41 | 0 |
| Cocaine | 90 | 122 | 45 | 6 | 16 | 4 |
| Marijuana | 8 | 16 | -- | -- | 10 | 0 |
| Stimulants | 31 | 28 | 10 | 5 | 11 | 4 |
| Club drugs† | 5 | 4 | 0 | 0 | 4 | 0 |
| Hallucinogens** | -- | 0 | 0 | 0 | 0 | 0 |
| Inhalants | -- | -- | 0 | -- | -- | 0 |
| Antidepressants | 72 | 76 | 0 | 21 | 25 | 0 |
| Antipsychotics | 5 | 6 | 0 | -- | -- | 0 |
| Benzodiazepines | 48 | 47 | 0 | 11 | 20 | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | 30 | 40 | 0 | 11 | 21 | -- |
| Opiates/opioids | 189 | 199 | 29 | 20 | 27 | -- |
| Heroin (specified) | 64 | 59 | 13 | -- | -- | -- |
| Methadone | 84 | 96 | 13 | 5 | -- | 0 |
| All other opiates/opioids | 78 | 79 | -- | 14 | 23 | 0 |
| Nonsteroidal anti-inflammatory agents | -- | -- | 0 | -- | -- | 0 |
| Salicylates/combinations | 4 | -- | 0 | -- | -- | 0 |
| Misc. analgesics/combinations | 7 | 18 | -- | 5 | 12 | -- |
| Anticonvulsants | 15 | 16 | 0 | 6 | 5 | 0 |
| Muscle relaxants | 13 | 12 | 0 | -- | -- | 0 |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

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



**Pierce County, WA:
Deaths and population, 2006**

Deaths reported to DAWN

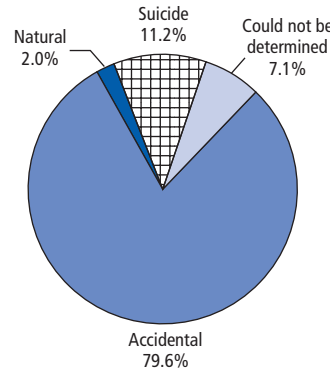
Drug-related..... 87
Drug-related suicide..... 11

Population..... 766,878

Deaths per 100,000 population

Drug-related..... 11.3
Drug-related suicide..... 1.4

Deaths by manner of death, 2006



Place of death, 2006

| Drug-related | Deaths |
|----------------------|--------|
| Health care facility | 21 |
| Home | 43 |
| Public place | 7 |
| Other | 16 |
| Not documented | 0 |

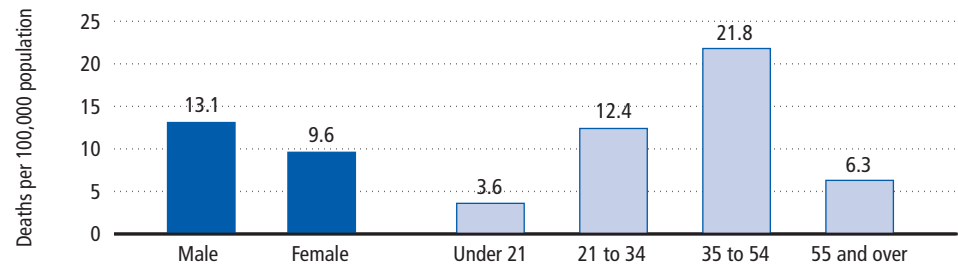
| Drug-related suicide | Deaths |
|----------------------|--------|
| Health care facility | -- |
| Home | 9 |
| Public place | -- |
| Other | 0 |
| Not documented | 0 |

Drug-related deaths by drug category, 2005-2006

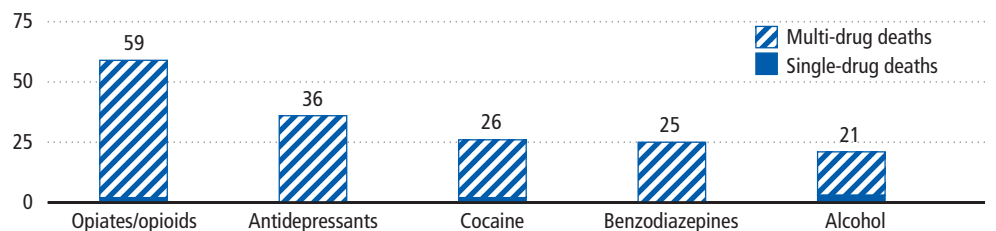
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | | 87 | 11 | | 11 | -- |
| Alcohol* | | 21 | -- | | 9 | -- |
| Cocaine | | 26 | -- | | -- | -- |
| Marijuana | | 11 | 0 | | -- | -- |
| Stimulants | | 15 | -- | | -- | -- |
| Club drugs† | | 0 | 0 | | 0 | -- |
| Hallucinogens** | | 0 | 0 | | 0 | -- |
| Inhalants | | 5 | -- | | 0 | -- |
| Antidepressants | | 36 | 0 | | 5 | -- |
| Antipsychotics | | -- | 0 | | -- | -- |
| Benzodiazepines | | 25 | 0 | | 4 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | | 13 | 0 | | -- | -- |
| Opiates/opioids | | 59 | -- | | 4 | -- |
| Heroin (specified) | | 7 | 0 | | 0 | -- |
| Methadone | | 31 | 0 | | -- | -- |
| All other opiates/opioids | | 40 | -- | | -- | -- |
| Nonsteroidal anti-inflammatory agents | | -- | 0 | | 0 | -- |
| Salicylates/combinations | | -- | 0 | | 0 | -- |
| Misc. analgesics/combinations | | 15 | 0 | | -- | -- |
| Anticonvulsants | | -- | 0 | | 0 | -- |
| Muscle relaxants | | 5 | 0 | | -- | -- |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

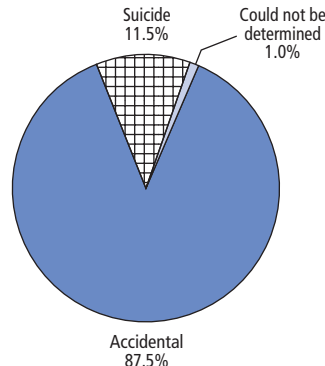
Seattle-Tacoma-Bellevue, WA: Snohomish County, WA



Snohomish County, WA: Deaths and population, 2006

| | |
|--------------------------------------|----------------|
| Deaths reported to DAWN | |
| Drug-related..... | 85 |
| Drug-related suicide..... | 11 |
| Population..... | 669,887 |
| Deaths per 100,000 population | |
| Drug-related..... | 12.7 |
| Drug-related suicide..... | 1.6 |

Deaths by manner of death, 2006



Place of death, 2006

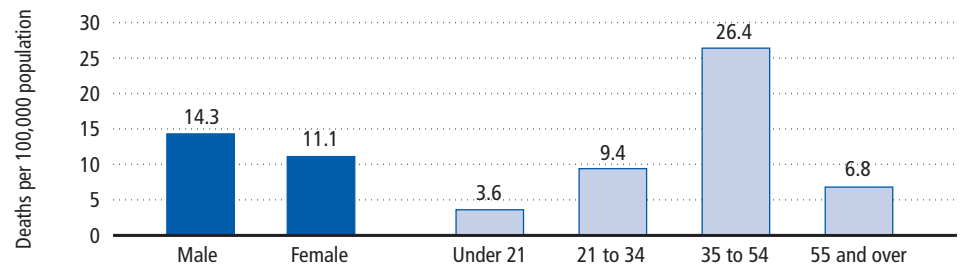
| | | |
|-----------------------------|--|---------------|
| Drug-related | | Deaths |
| Health care facility..... | | 18 |
| Home..... | | 50 |
| Public place..... | | 4 |
| Other..... | | 13 |
| Not documented..... | | 0 |
| Drug-related suicide | | Deaths |
| Health care facility..... | | -- |
| Home..... | | 6 |
| Public place..... | | -- |
| Other..... | | -- |
| Not documented..... | | 0 |

Drug-related deaths by drug category, 2005-2006

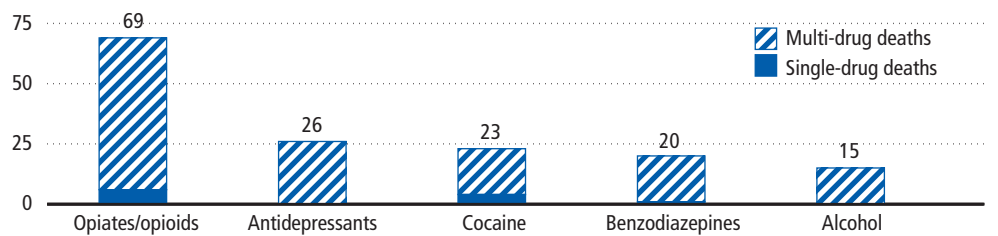
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 63 | 85 | 15 | 9 | 11 | -- |
| Alcohol* | 14 | 15 | 0 | -- | 4 | -- |
| Cocaine | 14 | 23 | 4 | 0 | 0 | -- |
| Marijuana | 0 | 0 | 0 | 0 | 0 | -- |
| Stimulants | 5 | 9 | -- | -- | 0 | -- |
| Club drugs† | 0 | -- | 0 | 0 | 0 | -- |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 | -- |
| Inhalants | 0 | -- | -- | 0 | 0 | -- |
| Antidepressants | 19 | 26 | 0 | 6 | 5 | -- |
| Antipsychotics | -- | -- | 0 | 0 | -- | -- |
| Benzodiazepines | 17 | 20 | -- | 0 | -- | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 13 | 11 | 0 | -- | 5 | -- |
| Opiates/opioids | 52 | 69 | 6 | 5 | 5 | -- |
| Heroin (specified) | -- | 0 | 0 | 0 | 0 | -- |
| Methadone | 30 | 44 | 6 | 0 | -- | -- |
| All other opiates/opioids | 30 | 39 | 0 | 5 | 4 | -- |
| Nonsteroidal anti-inflammatory agents | -- | -- | 0 | 0 | 0 | -- |
| Salicylates/combinations | 0 | 0 | 0 | 0 | 0 | -- |
| Misc. analgesics/combinations | 4 | 10 | 0 | 0 | -- | -- |
| Anticonvulsants | 6 | 11 | 0 | -- | -- | -- |
| Muscle relaxants | 7 | 9 | 0 | -- | 0 | -- |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

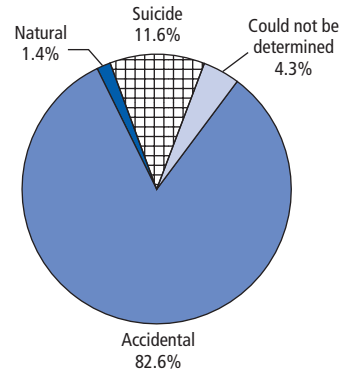
Springfield, MA: Hampden County, MA



Hampden County, MA: Deaths and population, 2006

| | |
|--------------------------------------|---------|
| Deaths reported to DAWN | |
| Drug-related..... | 61 |
| Drug-related suicide..... | 8 |
| Population | 460,520 |
| Deaths per 100,000 population | |
| Drug-related..... | 13.2 |
| Drug-related suicide..... | 1.7 |

Deaths by manner of death, 2006



Place of death, 2006

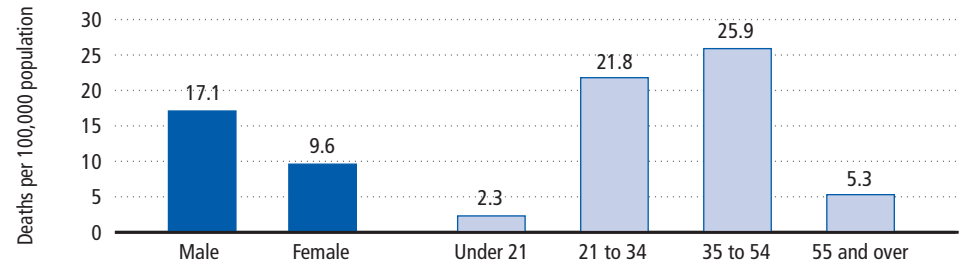
| | | |
|-----------------------------|-------|---------------|
| Drug-related | | Deaths |
| Health care facility | ..... | 23 |
| Home | ..... | 26 |
| Public place | ..... | -- |
| Other | ..... | 10 |
| Not documented | ..... | 0 |
| Drug-related suicide | | Deaths |
| Health care facility | ..... | 4 |
| Home | ..... | -- |
| Public place | ..... | -- |
| Other | ..... | 0 |
| Not documented | ..... | 0 |

Drug-related deaths by drug category, 2005-2006

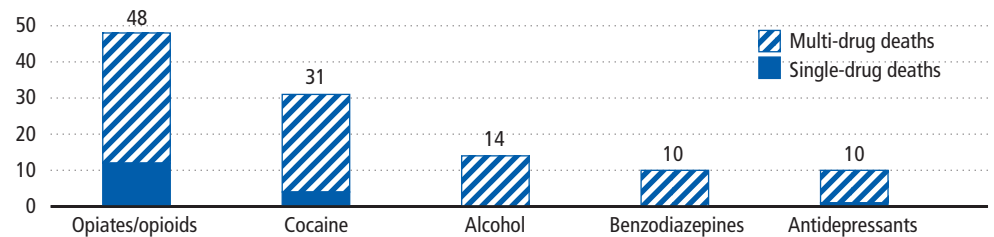
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 64 | 61 | 21 | 12 | 8 | -- |
| Alcohol* | 15 | 14 | 0 | 4 | 4 | -- |
| Cocaine | 29 | 31 | 4 | -- | -- | -- |
| Marijuana | 0 | -- | 0 | 0 | 0 | -- |
| Stimulants | 0 | -- | -- | 0 | 0 | -- |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | -- |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 | -- |
| Inhalants | -- | -- | -- | 0 | 0 | -- |
| Antidepressants | 8 | 10 | -- | -- | 5 | -- |
| Antipsychotics | -- | -- | 0 | -- | 0 | -- |
| Benzodiazepines | -- | 10 | 0 | -- | -- | -- |
| Misc. anxiolytics, sedatives, and hypnotics | -- | -- | 0 | -- | -- | -- |
| Opiates/opioids | 44 | 48 | 12 | -- | -- | -- |
| Heroin (specified) | 8 | -- | -- | -- | 0 | -- |
| Methadone | 7 | 11 | -- | 0 | 0 | -- |
| All other opiates/opioids | 33 | 36 | 10 | -- | -- | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | -- |
| Salicylates/combinations | -- | -- | -- | 0 | 0 | -- |
| Misc. analgesics/combinations | -- | 0 | 0 | 0 | -- | -- |
| Anticonvulsants | -- | -- | -- | 0 | -- | -- |
| Muscle relaxants | -- | 0 | 0 | 0 | -- | -- |

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

Death rates by gender and age: Drug-related, 2006



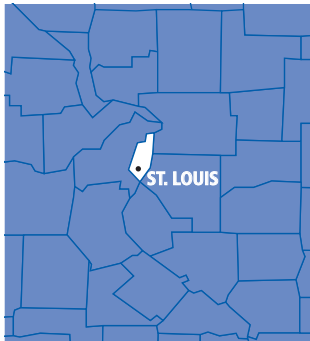
Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

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



St. Louis City, MO: Deaths and population, 2006

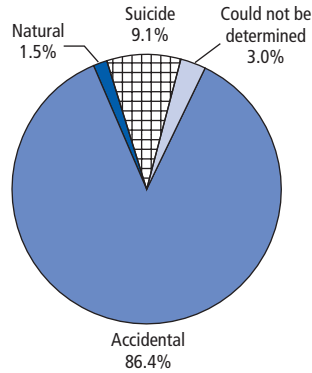
| | |
|--------------------------------------|---------|
| Deaths reported to DAWN | |
| Drug-related..... | 120 |
| Drug-related suicide..... | 12 |
| Population | 347,181 |
| Deaths per 100,000 population | |
| Drug-related..... | 34.6 |
| Drug-related suicide..... | 3.5 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 81 | 120 | 66 | 8 | 12 | 5 |
| Alcohol* | 20 | 26 | 0 | 0 | 5 | 0 |
| Cocaine | 47 | 40 | 35 | 0 | -- | -- |
| Marijuana | 0 | 0 | 0 | 0 | 0 | 0 |
| Stimulants | -- | -- | -- | 0 | 0 | 0 |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | 0 |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 | 0 |
| Inhalants | 0 | -- | -- | 0 | 0 | 0 |
| Antidepressants | 4 | -- | 0 | -- | -- | -- |
| Antipsychotics | 4 | -- | -- | -- | 0 | 0 |
| Benzodiazepines | 4 | 10 | 0 | -- | -- | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | 0 | -- | 0 | -- | -- | -- |
| Opiates/opioids | 28 | 69 | 23 | -- | 4 | 0 |
| Heroin (specified) | 7 | 16 | 0 | 0 | -- | 0 |
| Methadone | 6 | 6 | -- | 0 | 0 | 0 |
| All other opiates/opioids | 23 | 66 | 21 | -- | 4 | 0 |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | 0 |
| Salicylates/combinations | 0 | 0 | 0 | 0 | 0 | 0 |
| Misc. analgesics/combinations | 4 | 6 | -- | -- | -- | -- |
| Anticonvulsants | 0 | 0 | 0 | 0 | 0 | 0 |
| Muscle relaxants | 0 | -- | -- | 0 | -- | 0 |

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

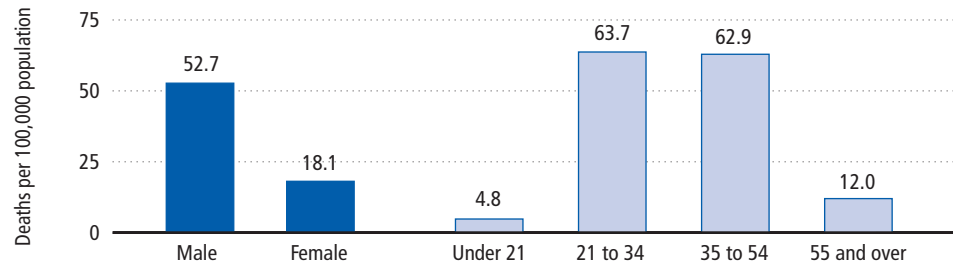
Deaths by manner of death, 2006



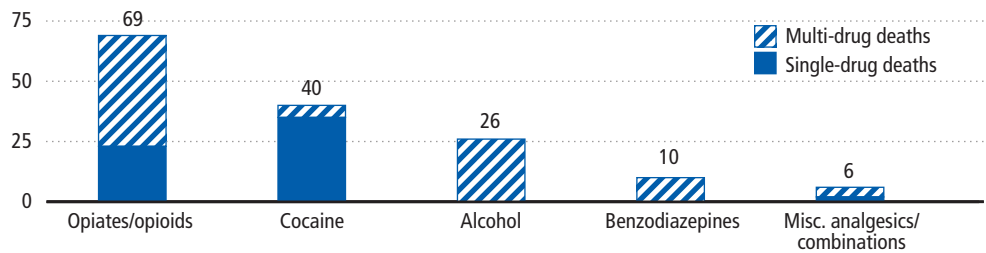
Place of death, 2006

| | | |
|-----------------------------|----|---------------|
| Drug-related | | Deaths |
| Health care facility | 49 | |
| Home | 47 | |
| Public place | -- | |
| Other | 20 | |
| Not documented | -- | |
| Drug-related suicide | | Deaths |
| Health care facility | 4 | |
| Home | 8 | |
| Public place | 0 | |
| Other | 0 | |
| Not documented | 0 | |

Death rates by gender and age: Drug-related, 2006



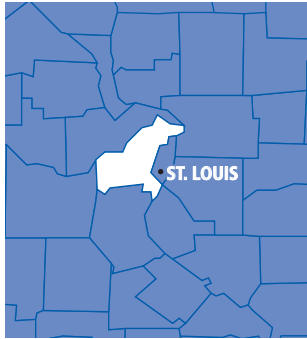
Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

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



St. Louis County, MO: Deaths and population, 2006

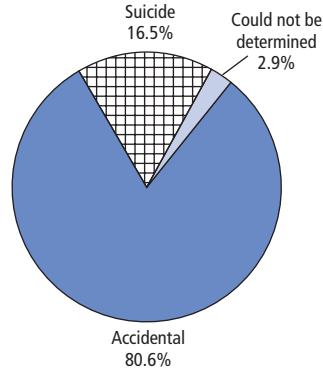
| | |
|--------------------------------------|------|
| Deaths reported to DAWN | |
| Drug-related..... | 116 |
| Drug-related suicide..... | 23 |
| Population.....1,000,510 | |
| Deaths per 100,000 population | |
| Drug-related..... | 11.6 |
| Drug-related suicide..... | 2.3 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 88 | 116 | 51 | 21 | 23 | 6 |
| Alcohol* | 22 | 30 | 4 | -- | 5 | 0 |
| Cocaine | 31 | 51 | 21 | -- | -- | -- |
| Marijuana | -- | 0 | 0 | 0 | 0 | 0 |
| Stimulants | -- | 6 | -- | 0 | -- | 0 |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | 0 |
| Hallucinogens** | 0 | 0 | 0 | 0 | -- | 0 |
| Inhalants | -- | -- | 0 | 0 | 0 | 0 |
| Antidepressants | 7 | -- | 0 | 6 | 8 | 0 |
| Antipsychotics | -- | -- | 0 | 5 | -- | 0 |
| Benzodiazepines | 6 | 5 | 0 | -- | 8 | 0 |
| Misc. anxiolytics, sedatives, and hypnotics | -- | 0 | 0 | -- | -- | 0 |
| Opiates/opioids | 55 | 76 | 22 | 4 | 9 | -- |
| Heroin (specified) | 21 | 27 | 6 | -- | 0 | 0 |
| Methadone | 11 | 16 | 4 | -- | -- | 0 |
| All other opiates/opioids | 30 | 50 | 12 | -- | 7 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | 0 |
| Salicylates/combinations | 0 | 0 | 0 | -- | 0 | 0 |
| Misc. analgesics/combinations | 0 | -- | 0 | -- | -- | 0 |
| Anticonvulsants | 0 | 0 | 0 | -- | -- | 0 |
| Muscle relaxants | 4 | 0 | 0 | 0 | -- | 0 |

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

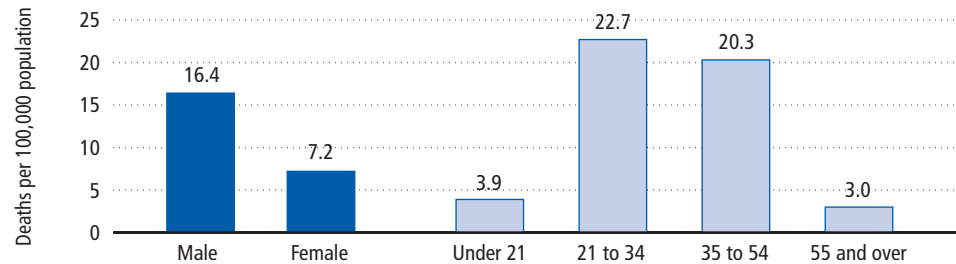
Deaths by manner of death, 2006



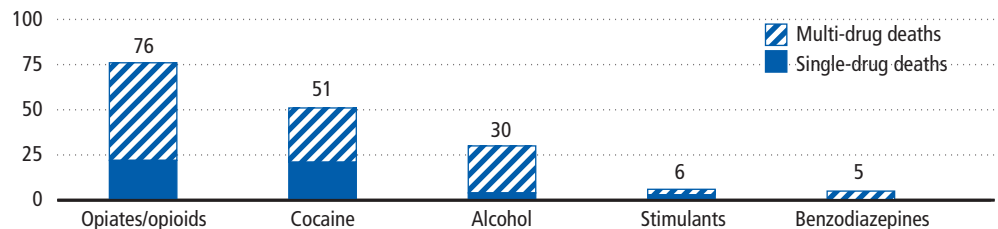
Place of death, 2006

| | | |
|-----------------------------|-------|---------------|
| Drug-related | | Deaths |
| Health care facility | ..... | 50 |
| Home | ..... | 42 |
| Public place | ..... | 16 |
| Other | ..... | 8 |
| Not documented | ..... | 0 |
| Drug-related suicide | | Deaths |
| Health care facility | ..... | 6 |
| Home | ..... | 15 |
| Public place | ..... | -- |
| Other | ..... | -- |
| Not documented | ..... | 0 |

Death rates by gender and age: Drug-related, 2006



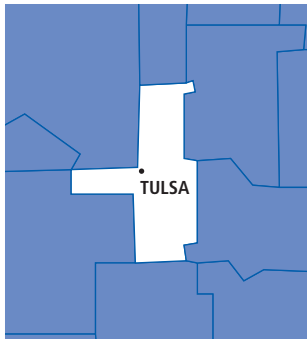
Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

Tulsa, OK: Tulsa County, OK



Tulsa County, OK: Deaths and population, 2006

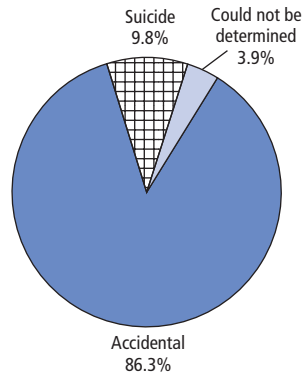
| | |
|--------------------------------------|----------------|
| Deaths reported to DAWN | |
| Drug-related..... | 92 |
| Drug-related suicide..... | 10 |
| Population..... | 577,795 |
| Deaths per 100,000 population | |
| Drug-related..... | 15.9 |
| Drug-related suicide..... | 1.7 |

Drug-related deaths by drug category, 2005-2006

| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 64 | 92 | 22 | 8 | 10 | -- |
| Alcohol* | 7 | 15 | 0 | 4 | -- | -- |
| Cocaine | 6 | 11 | 4 | -- | 0 | -- |
| Marijuana | 0 | 0 | 0 | 0 | 0 | -- |
| Stimulants | 10 | 8 | -- | -- | 0 | -- |
| Club drugs† | 0 | 0 | 0 | 0 | 0 | -- |
| Hallucinogens** | 0 | 0 | 0 | 0 | 0 | -- |
| Inhalants | 0 | 0 | 0 | 0 | 0 | -- |
| Antidepressants | 18 | 16 | 0 | 4 | 5 | -- |
| Antipsychotics | -- | 4 | -- | 0 | -- | -- |
| Benzodiazepines | 28 | 43 | 0 | 4 | -- | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 8 | 9 | 0 | -- | -- | -- |
| Opiates/opioids | 49 | 78 | 15 | 4 | 4 | -- |
| Heroin (specified) | 0 | -- | 0 | 0 | 0 | -- |
| Methadone | 23 | 42 | 10 | -- | 0 | -- |
| All other opiates/opioids | 29 | 44 | 5 | -- | 4 | -- |
| Nonsteroidal anti-inflammatory agents | 0 | -- | 0 | 0 | 0 | -- |
| Salicylates/combinations | -- | 0 | 0 | 0 | 0 | -- |
| Misc. analgesics/combinations | 13 | 11 | 0 | -- | -- | -- |
| Anticonvulsants | 4 | -- | 0 | 0 | -- | -- |
| Muscle relaxants | 13 | 13 | 0 | -- | 0 | -- |

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

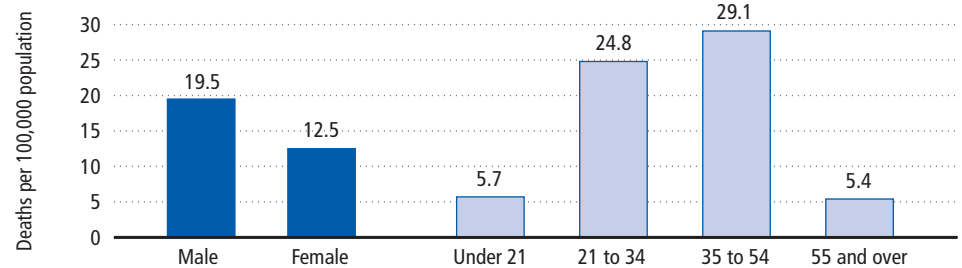
Deaths by manner of death, 2006



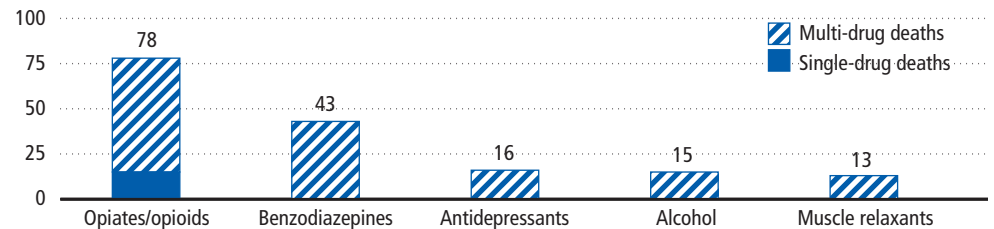
Place of death, 2006

| | | |
|-----------------------------|-------|---------------|
| Drug-related | | Deaths |
| Health care facility | ..... | 33 |
| Home | ..... | 54 |
| Public place | ..... | 4 |
| Other | ..... | -- |
| Not documented | ..... | 0 |
| Drug-related suicide | | Deaths |
| Health care facility | ..... | 4 |
| Home | ..... | 6 |
| Public place | ..... | 0 |
| Other | ..... | 0 |
| Not documented | ..... | 0 |

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

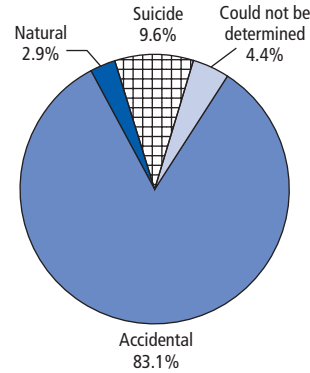
Washington-Arlington-Alexandria, DC-VA-MD-WV: District of Columbia



District of Columbia: Deaths and population, 2006

| | |
|--------------------------------------|---------|
| Deaths reported to DAWN | |
| Drug-related..... | 123 |
| Drug-related suicide..... | 13 |
| Population | 581,530 |
| Deaths per 100,000 population | |
| Drug-related..... | 21.2 |
| Drug-related suicide..... | 2.2 |

Deaths by manner of death, 2006



Place of death, 2006

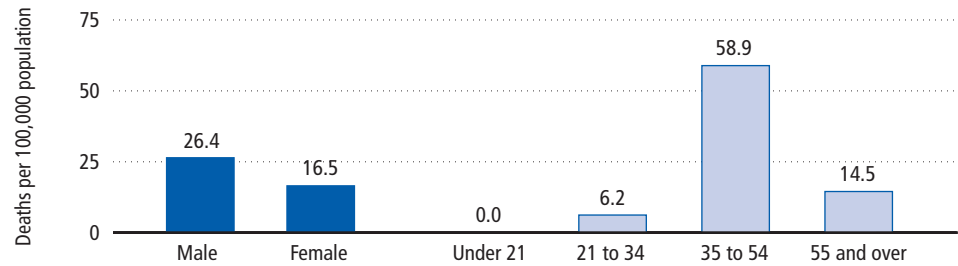
| | | |
|-----------------------------|--|---------------|
| Drug-related | | Deaths |
| Health care facility..... | | 41 |
| Home..... | | 56 |
| Public place..... | | 11 |
| Other..... | | 14 |
| Not documented..... | | -- |
| Drug-related suicide | | Deaths |
| Health care facility..... | | -- |
| Home..... | | 4 |
| Public place..... | | 4 |
| Other..... | | -- |
| Not documented..... | | 0 |

Drug-related deaths by drug category, 2005-2006

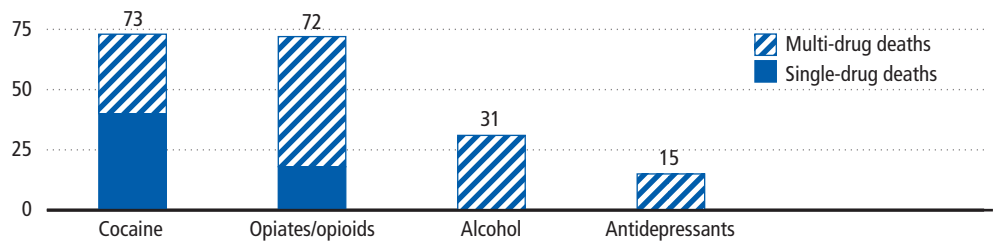
| Drug category | Drug-related | | | Drug-related suicide | | |
|---|--------------|--------------|--------------------------|----------------------|--------------|--------------------------|
| | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 | Deaths, 2005 | Deaths, 2006 | Single-drug deaths, 2006 |
| ALL DRUGS | 125 | 123 | 58 | 10 | 13 | 6 |
| Alcohol* | 15 | 31 | 0 | -- | -- | 0 |
| Cocaine | 87 | 73 | 40 | 0 | 5 | -- |
| Marijuana | 0 | 0 | 0 | 0 | 0 | 0 |
| Stimulants | -- | 0 | 0 | 0 | -- | 0 |
| Club drugs† | 0 | -- | 0 | 0 | 0 | 0 |
| Hallucinogens** | -- | -- | 0 | -- | 0 | 0 |
| Inhalants | 0 | 0 | 0 | -- | -- | -- |
| Antidepressants | 4 | 15 | 0 | 4 | -- | 0 |
| Antipsychotics | -- | -- | 0 | 0 | 0 | 0 |
| Benzodiazepines | -- | 0 | 0 | -- | 4 | -- |
| Misc. anxiolytics, sedatives, and hypnotics | 0 | -- | 0 | -- | -- | 0 |
| Opiates/opioids | 79 | 72 | 18 | 4 | 4 | -- |
| Heroin (specified) | 4 | 7 | -- | 0 | 0 | 0 |
| Methadone | 18 | 15 | 4 | 0 | -- | 0 |
| All other opiates/opioids | 63 | 59 | 13 | 4 | -- | -- |
| Nonsteroidal anti-inflammatory agents | 0 | 0 | 0 | 0 | 0 | 0 |
| Salicylates/combinations | 0 | 0 | 0 | 0 | 0 | 0 |
| Misc. analgesics/combinations | 0 | 0 | 0 | 0 | 0 | 0 |
| Anticonvulsants | 0 | -- | 0 | 0 | 0 | 0 |
| Muscle relaxants | 0 | 0 | 0 | 0 | 0 | 0 |

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

Death rates by gender and age: Drug-related, 2006



Top 5 drugs involved: Drug-related deaths, 2006



NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2006 (08/2008 update).

APPENDIX A

DAWN MORTALITY DATA COLLECTION

DAWN data collection

DAWN mortality data are collected in participating medical examiner and coroner (ME/C) offices through a retrospective review of case records for every death investigated by the ME/C. Families are never interviewed. The review of source records is performed by a trained DAWN reporter in each participating 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. This also includes 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. Only recent drug use is included, and the reason that a patient used a drug is irrelevant.

The case criteria are intended to be broad and inclusive and to have few exceptions. Broad criteria take into account the fact that documentation in death records varies in clarity and comprehensiveness across ME/Cs. 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.

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 an ME/C.
- The decedent was a drug user but died of natural causes unrelated to the drug use.
- 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 (taking too little of a drug).

Data items collected by DAWN

The information collected on DAWN deaths and suicide deaths falls into four general categories:

- **Operations data.** These data items, used in processing and tracking DAWN cases, include *Facility ID* and *Date of Death*.
- **Demographic data.** These data items, used to investigate difference in drug use patterns across decedent demographic groups, include basic information such as *Sex*, *Age*, *Decedent's Last Residence ZIP Code*, and *Race/Ethnicity*.
- **Characteristics of the case.** These data items, used to understand the circumstances of the death, include *ZIP Code for Place of Death*, *Cause of Death*, and *Manner of Death*. The Manner of Death information collected reflects the manner of death assigned by the ME/C using the categories appearing on the U.S. Standard Certificate of Death.
- **Substances data.** These data items constitute the core of the data reported to DAWN. They include information about the specific drug(s) or substance(s) used, whether the substance was confirmed by toxicology report, the route of administration of each reported substance, and whether alcohol was involved and confirmed by toxicology test.

Depending on the data item, the DAWN data collection system, eMERS, allows for entering categorical responses (including "Not documented" or "Could not be determined") and open-ended responses. Additional information on the data items collected by DAWN, particularly as may be pertinent to analysis, appears in the Glossary of Terms (Appendix B to this publication). Further details on the data items and how they are collected can be found in the *DAWN Medical Examiner Reference Guide*.¹

Drugs included in DAWN

DAWN covers a wide range of drugs and substances, including the following:²

- Illegal drugs, such as heroin, cocaine, marijuana, and Ecstasy;
- Prescription drugs, such as Prozac®, Vicodin®, OxyContin®, alprazolam, and methylphenidate;
- Over-the-counter 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.

¹ Substance Abuse and Mental Health Services Administration, Office of Applied Studies. (2006). *DAWN Medical Examiner Reference Guide*. (Available at http://dawninfo.samhsa.gov/files/collect_2006-2008/me_reference_guide_2006-2008.pdf)

² The classification of drugs used in DAWN is derived from the Multum *Lexicon*, © 2008, Multum Information Services, Inc. The classification schema was modified to meet DAWN's unique requirements. The Multum Licensing Agreement governing use of the *Lexicon* is provided in Appendix C. (Also available at <http://www.multum.com/>.)

In general, DAWN includes nonpharmaceutical substances that are consumed by inhalation, sniffing, or snorting and have a psychoactive effect when inhaled. There are two noteworthy exceptions: (1) deaths involving inhalation of carbon monoxide, and (2) deaths involving accidental inhalation of nonpharmaceuticals (e.g., exposure to paint fumes while painting a closet).

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 ME/C;
- Electronic reporting with automated prompts and data validation;
- Accurate, specific, and nonredundant drug reporting;
- Screening data to reduce incidental drug reporting;
- Inclusion of information on laboratory testing performed by the ME/C to identify drugs;
- 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.

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 ME/C systems to gain a better understanding of drug-related mortality outside of the targeted metropolitan areas.

In this publication, the terms “death investigation jurisdiction” (or, simply, “jurisdiction”) and “county” are used interchangeably because ME/Cs’ offices are typically organized by county. One exception occurs in Niagara County, NY, which is divided into four districts. For reporting purposes, the four districts that make up Niagara County, NY, are treated collectively as a single jurisdiction. For participating states, every county or jurisdiction within each state is included in DAWN.

Metropolitan area definitions

The metropolitan area definitions used in this publication are those established by the Office of Management and Budget (OMB) based on the 2000 U.S. Census, as updated in 2003.³ OMB issues annual updates to the boundaries and names of metropolitan areas. DAWN Area Mortality reports use the name that was current during the data collection year. While there have been several name changes, changes in metropolitan statistical area boundaries since 2003 have not altered the metropolitan areas reported on in this publication.

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 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 DAWN.

Accident (Manner of death): “Accident” is a manner of death assigned by the medical examiner or coroner (ME/C) to deaths where there is little or no evidence that the injury or poisoning occurred with intent to harm or cause death and the fatal outcome was unintentional. To be considered a DAWN case, the ME/C must have determined that the death was related to recent drug use. (See **Manner of death** and **Drug-related death**.)

Accidental ingestion: Prior to 2006, the data item “Manner of death” isolated deaths due to accidental ingestion. This reporting category was discontinued. (See **Manner of death**.)

Adverse reaction to medication: Prior to 2006, the data item “Manner of death” isolated deaths due to adverse reaction. This reporting category was discontinued. (See **Manner of death**.)

All other accidental deaths: Prior to 2006, the data item “Manner of death” had a residual category for “All other accidental deaths.” This reporting category was discontinued. (See **Manner of death**.)

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

Cause of death: The chain of events (diseases, injuries, or complications) that caused the death, as recorded on the death certificate or in other ME/C records. 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 (ME) system or a coroner (C) system. Unlike MEs, 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 (Manner of death): “Could not be determined” is a manner of death assigned by the ME/C when the information pointing to one manner of death is no more compelling than one or more other competing manners of death when all available information is considered. For the death to be considered a DAWN case, the ME/C must have determined that the death was related to recent drug use. (See **Manner of death** and **Drug-related death**.)

Drug: 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. DAWN publications use the term “drug” to refer to any of these substances. Multiple substances, or drugs, can be reported for each DAWN case. Therefore, the total number of drugs reported exceeds the total number of DAWN deaths reported.

Drug category: A generic grouping of related pharmaceuticals or other substances reported to DAWN, based on the drug classification system developed by Multum Information Services, a subsidiary of the Cerner Corporation, and modified for use with DAWN. (More information on the Multum system is available at <http://www.multum.com/>.) In general, the drug categories reflect the therapeutic uses for prescription and over-the-counter pharmaceuticals.

Additional clarification is provided for the following drug categories, as these are unique to DAWN:

- *Alcohol alone*—DAWN collects data on alcohol when used alone only 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(s). DAWN does not gather data on alcohol used alone if the decedent is over age 21. For decedents 21 or 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 central nervous system stimulants, such as caffeine or methylphenidate.
- *Inhalants*—This category includes (1) anesthetic gases, and (2) psychoactive nonpharmaceutical substances for which the documented route of administration was inhalation, sniffing, or snorting.

Anesthetic gases are presumed to have been inhaled. Included in this category are, for example, nitrous oxide, ether, and chloroform. The route of administration for nonpharmaceuticals is not assumed and must be documented in ME/C records specifically as inhalation. Psychoactive nonpharmaceuticals that, when inhaled, are included in this category fall into three main categories: volatile solvents, nitrites, and chlorofluorohydrocarbons. Examples of substances in each of these three categories include the following:

(1) **volatile solvents**, e.g., 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, 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 or “whippets”), and gases (butane, propane, helium);

(2) **nitrites**, e.g., amyl nitrites (“poppers,” “snappers”) and butyl nitrites (“rush,” “locker room,” “bolt,” “climax,” video head cleaner); and

(3) **chlorofluorocarbons**, e.g., freons.

Excluded from the “inhalants” category are carbon monoxide and nonpharmaceutical inhalants if the exposure was accidental (e.g., inhaling paint fumes while painting a closet.)

- *Opiates/opioids*—This category includes opiates (narcotic substances derived from opium) and opioids (semisynthetic and synthetic substances with similar narcotic properties). The category is subdivided into (1) **heroin (specified)**—includes only specific reports of heroin; (2) **methadone**—whether used in the treatment of opiate addiction or pain; and (3) **all other opiates/opioids**—includes nonspecific reports of “opiates” and specific named substances, such as codeine, morphine, fentanyl, hydrocodone, oxycodone, and others.

Drug misuse/abuse: Prior to 2006, DAWN publications reported on deaths broadly determined to result from drug misuse or abuse and excluded deaths related to adverse reaction and accidental ingestion. This grouping was discontinued in 2006. In 2006 and subsequent years, *all* drug-related deaths are reported. (See also **Drug-related death** and **Manner of death**.)

Drug-related death: This category includes any death related to recent drug use and is the basis for the deaths reported in the annual DAWN mortality publications after 2005. To be a DAWN case, a drug needs only to be implicated in the death; the drug does not need to have caused the death. Even if only one drug is reported, it should not be assumed that the substance was the direct cause of the death. (See also **Single-drug death**.)

Additional clarification is provided in regard to classifying “Homicides” and “Suicides” as being drug-related:

- *Homicide*—This category, defined as the taking of another individual’s life using a drug(s), is used only when the drug was a direct cause of death. Homicides by drugs include deaths for which the decedent was given a drug or other substance to hasten his or her death. Homicides by means other than drugs are not reportable to DAWN. For example, a homicide by shooting or stabbing is not a DAWN case, even if the victim was using drugs that contributed to violent behavior. To be considered a DAWN homicide, the ME/C must have made the initial determination that the death was a homicide, and the means of death must be a drug(s).
- *Suicide*—This category includes cases for which the death was initially determined by the ME/C as a suicide death. A suicide death that involves hanging, wrist slashing, shooting, jumping, and so forth is considered to be a DAWN case only if drugs were involved and documented as a contributing factor.

Homicide (Manner of death): “Homicide” is a manner of death assigned by the ME/C to deaths that result from an injury or poisoning committed by another person with the intent to cause fear, harm, or death. (While quite common, intent to cause death is not required for classification as homicide.) To be considered a DAWN case, the ME/C must have made the initial determination that the death was a homicide, and the means of death must be a drug(s). The drug(s) must be the direct cause of death or have hastened the death. This condition is an exception to the general DAWN rule that a drug need only have been related to the death. (See **Manner of death** and **Drug-related death**.)

Jurisdiction: DAWN uses the term “jurisdiction” to mean the geographic area for which an ME/C’s office is responsible. The terms “death investigation jurisdiction” (or, simply, “jurisdiction”) and “county” are used interchangeably because ME/Cs’ offices are typically organized by county. The one exception occurs in Niagara County, NY, which is divided into four districts. For reporting purposes, the four districts that make up Niagara County, NY, are treated collectively as a single jurisdiction. Some States are organized in single statewide jurisdictions. DAWN disaggregates state-level returns by county for the purpose of reporting data at the county and metropolitan levels.

Differences in death investigation procedures are often associated with whether the jurisdiction has a medical examiner system or a coroner system. In addition, there are nearly always some differences in death investigation procedures across States. Differences in death investigation procedures limit the comparability of DAWN ME/C findings.

Manner of death: This classification is determined by the ME/C using the categories provided on the U.S. Standard Certificate of Death. “Manner of death” classifications reflect the presence or absence of intent to harm and the presence or absence of violence. Deaths are assigned to one of five categories by the ME/C based on the following criteria:¹

- **Natural**—Deaths that are due solely or nearly totally to disease and/or the aging process.
- **Accident**—Deaths where there is little or no evidence that the injury or poisoning occurred with intent to harm or cause death and the fatal outcome was unintentional.
- **Suicide**—Deaths that result from an injury or poisoning as a result of an intentional, self-inflicted act committed to do self-harm or cause the death of oneself.
- **Homicide**—Deaths that occur as a result of injury or poisoning committed by another person with the intent to cause fear, harm, or death.
- **Could not be determined**—Deaths where the information pointing to one manner of death is no more compelling than one or more other competing manners of death when all available information is considered.

Prior to 2006, the “Manner of death” codes used by DAWN included categories for adverse reaction and accidental ingestion. These distinctions had to be determined from a review of written records and were often poorly documented in ME/C records; few deaths were thusly classified. In 2006, DAWN changed to using only the standard “Manner of death” classifications as recorded by the ME/C on the death certificate. (For additional detail on the criteria for determining if a death is a DAWN case, see **Drug-related death** and the individual **Manner of death** classifications.)

Medical examiner (ME): Death investigation jurisdictions typically use either a medical examiner (ME) system or a coroner (C) system. Most MEs 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**.)

¹ National Association of Medical Examiners. (2006). *Forensic Autopsy Performance Standards*. (Available at <http://thename.org/>.)

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 center. Unless otherwise noted, metropolitan area analyses prepared by DAWN utilize the boundaries established by the Office of Management and Budget (OMB), as updated in 2003.

Natural (Manner of death): "Natural" is a manner of death assigned by the ME/C to deaths that are due solely or nearly totally to disease and/or the aging process. To be considered a DAWN case, there must be a drug(s) related to the death. (See **Manner of death** and **Drug-related death**.)

Place of death: The location that best describes where the death occurred. The place of death response categories are:

- *Emergency department* (i.e., hospital emergency department),
- *Other health care facility* (i.e., hospital unit other than an emergency department, including nursing home, hospice, or any other health care institution in which the decedent was receiving care),
- *Decedent's home* (i.e., decedent's home, apartment, or other dwelling),
- *Public place* (i.e., in a store, on the street, in a park),
- *Other* (i.e., neighbor's house, in the car), and
- *Not documented*.

Race/ethnicity: OMB is responsible for standard protocols for the collection of data on race and ethnicity by federal systems. For data collections such as DAWN, where self-identification of the individual is not feasible, OMB protocol permits a combined format, whereby race and Hispanic ethnicity are recorded in a single data item that could still record multiple entries for race, Hispanic ethnicity, or both.

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 by the provision for multiple entries, the actual race/ethnicity data reported to DAWN are quite limited because race and ethnicity are often not documented with this level of specificity in patient or 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 two or more races; American Indian or Alaska Native; Asian; and Native Hawaiian or Other Pacific Islander.
- *Unknown*—Race/ethnicity is unknown. Those who are identified only as Hispanic are classified as Hispanic.

Single-drug death: A “single-drug death” is one in which only one drug was reported to be involved. Because alcohol may be considered an illegal substance when used by people under the age of 21, DAWN captures single-drug deaths involving just alcohol if the decedent was younger than age 21.

Suicide (Manner of death): “Suicide” is a manner of death assigned by the ME/C to deaths that result from an injury or poisoning as a result of an intentional, self-inflicted act committed to do self-harm or cause the death of oneself. A suicide death that involves hanging, wrist slashing, shooting, jumping, and the like is considered to be a DAWN case if drugs were involved and documented as a contributing factor. Drug(s) do not need to be the immediate cause of death. (See **Manner of death** and **Drug-related death**.)

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

APPENDIX C

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