

Drug Abuse Warning Network, 2007: 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**

ACKNOWLEDGMENTS

This report was prepared by the Office of Applied Studies (OAS), Substance Abuse and Mental Health Services Administration (SAMHSA), and by RTI International (a trade name of Research Triangle Institute, Research Triangle Park, NC). Work by RTI was performed under contract number 280-03-2602.

PUBLIC DOMAIN NOTICE

All material appearing in this report is in the public domain and may be reproduced or copied without permission from SAMHSA. Citation of the source is appreciated. However, this publication may *not* be reproduced or distributed for a fee without the specific, written authorization of the Office of Communications, SAMHSA, U.S. Department of Health and Human Services.

RECOMMENDED CITATION

Substance Abuse and Mental Health Services Administration, Office of Applied Studies. *Drug Abuse Warning Network, 2007: Area Profiles of Drug-Related Mortality*. HHS Publication No. SMA 09-4407, DAWN Series D-31. Rockville, MD, 2009.

ELECTRONIC ACCESS AND COPIES OF PUBLICATION

This publication may be downloaded from <http://DAWNinfo.samhsa.gov> or from <http://oas.samhsa.gov>.

Hard copies may be obtained from <http://oas.samhsa.gov/copies.cfm>.

Or, please call SAMHSA's Health Information Network at:

1-877-SAMHSA-7 (1-877-726-4727)

(English and Español).

ORIGINATING OFFICE

Office of Applied Studies
Substance Abuse and Mental Health Services Administration
1 Choke Cherry Road, Rockville, MD 20857

September 2009

CONTENTS

	Page
Acknowledgments	2
DAWN Mortality Data	9
Drug-related deaths	9
Drugs	10
Deaths included in this publication	10
Standardized death rates	11
Participation in DAWN 2007	13
Summary of Findings	17
Profiles and Spotlights	23
Full profiles	26
Limitations to data	31
Abbreviated profiles for selected metropolitan areas	31
Spotlights	32
State profiles	32
State Profiles	
Maine	34
Maryland	36
Massachusetts	38
New Hampshire	40
New Mexico	42
Oklahoma	44
Oregon	48
Utah	50
Vermont	52
Virginia	54
Metropolitan Area Profiles	
Albuquerque, NM	60
Baltimore-Towson, MD	62
Barnstable Town, MA	64
Birmingham-Hoover, AL	66
Boston-Cambridge-Quincy, MA-NH	68
Buffalo-Niagara Falls, NY	70
Chicago-Naperville-Joliet, IL-IN-WI	72
Cleveland-Elyria-Mentor, OH	74

CONTENTS (CONTINUED)

	Page
Denver-Aurora, CO	76
Detroit-Warren-Livonia, MI	78
Eugene-Springfield, OR	80
Houston-Sugar Land-Baytown, TX	82
Indianapolis-Carmel, IN	84
Kansas City, MO-KS	86
Los Angeles-Long Beach-Santa Ana, CA	88
Louisville-Jefferson County, KY-IN	90
Manchester-Nashua, NH	92
Milwaukee-Waukesha-West Allis, WI	94
Minneapolis-St. Paul-Bloomington, MN-WI	96
New Orleans-Metairie-Kenner, LA	98
New York-Northern New Jersey-Long Island, NY-NJ-PA	100
Ogden-Clearfield, UT	102
Oklahoma City, OK	104
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	106
Phoenix-Mesa-Scottsdale, AZ	108
Portland-South Portland-Biddeford, ME	110
Portland-Vancouver-Beaverton, OR-WA	112
Provo-Orem, UT	114
Richmond, VA	116
Salem, OR	118
Salt Lake City, UT	120
San Diego-Carlsbad-San Marcos, CA	122
San Francisco-Oakland-Fremont, CA	124
Seattle-Tacoma-Bellevue, WA	126
Springfield, MA	128
St. Louis, MO-IL	130
Tulsa, OK	132
Virginia Beach-Norfolk-Newport News, VA-NC	134
Washington-Arlington-Alexandria, DC-VA-MD-WV	136
Worcester, MA	138
 Abbreviated Profiles for Areas With Few Drug-Related Deaths	
Bangor, ME	142
Bend, OR	142
Blacksburg-Christiansburg-Radford, VA	143
Burlington-South Burlington, VT	143
Charlottesville, VA	144
Corvallis, OR	144

CONTENTS (CONTINUED)

	Page
Danville, VA	145
Fargo, ND-MN	145
Farmington, NM	146
Harrisonburg, VA	146
Las Cruces, NM	147
Lawton, OK	147
Lewiston-Auburn, ME	148
Lynchburg, VA	148
Medford, OR	149
Pittsfield, MA	149
Roanoke, VA	150
Salisbury, MD	150
Santa Fe, NM	151
Sioux Falls, SD	151
St. George, UT	152
 Abbreviated Profiles for Areas With Less Than 50% Population Coverage	
Atlanta-Sandy Springs-Marietta, GA	154
Dallas-Fort Worth-Arlington, TX	155
 Area Spotlights	
Albuquerque, NM: Bernalillo County, NM	158
Atlanta-Sandy Springs-Marietta, GA: Fulton County, GA	159
Baltimore-Towson, MD: Anne Arundel County, MD	160
Baltimore-Towson, MD: Baltimore City, MD	161
Baltimore-Towson, MD: Baltimore County, MD	162
Boston-Cambridge-Quincy, MA-NH: Essex County, MA	163
Boston-Cambridge-Quincy, MA-NH: Middlesex County, MA	164
Boston-Cambridge-Quincy, MA-NH: Norfolk County, MA	165
Boston-Cambridge-Quincy, MA-NH: Plymouth County, MA	166
Boston-Cambridge-Quincy, MA-NH: Suffolk County, MA	167
Buffalo-Niagara Falls, NY: Erie County, NY	168
Chicago-Naperville-Joliet, IL-IN-WI: Cook County, IL	169
Chicago-Naperville-Joliet, IL-IN-WI: Lake County, IL	170
Denver-Aurora, CO: Arapahoe County, CO	171
Denver-Aurora, CO: Denver County, CO	172
Detroit-Warren-Livonia, MI: Macomb County, MI	173
Detroit-Warren-Livonia, MI: Oakland County, MI	174

CONTENTS (CONTINUED)

	Page
Detroit-Warren-Livonia, MI: Wayne County, MI	175
Indianapolis-Carmel, IN: Marion County, IN.	176
Kansas City, MO-KS: Jackson County, MO	177
Louisville-Jefferson County, KY-IN: Jefferson County, KY	178
Minneapolis-St. Paul-Bloomington, MN-WI: Hennepin County, MN	179
New Orleans-Metairie-Kenner, LA: Jefferson Parish, LA.	180
New York-Northern New Jersey-Long Island, NY-NJ-PA: Bronx County, NY	181
New York-Northern New Jersey-Long Island, NY-NJ-PA: Kings County, NY	182
New York-Northern New Jersey-Long Island, NY-NJ-PA: New York County, NY	183
New York-Northern New Jersey-Long Island, NY-NJ-PA: Queens County, NY	184
New York-Northern New Jersey-Long Island, NY-NJ-PA: Suffolk County, NY	185
Oklahoma City, OK: Oklahoma County, OK	186
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD: Bucks County, PA.	187
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD: Delaware County, PA.	188
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD: Montgomery County, PA	189
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD: Philadelphia County, PA	190
Portland-Vancouver-Beaverton, OR-WA: Multnomah County, OR.	191
Provo-Orem, UT: Utah County, UT	192
Salt Lake City, UT: Salt Lake County, UT	193
San Francisco-Oakland-Fremont, CA: Contra Costa County, CA	194
San Francisco-Oakland-Fremont, CA: San Francisco County, CA.	195
Seattle-Tacoma-Bellevue, WA: King County, WA	196
Seattle-Tacoma-Bellevue, WA: Pierce County, WA	197
Seattle-Tacoma-Bellevue, WA: Snohomish County, WA	198
Springfield, MA: Hampden County, MA	199
St. Louis, MO-IL: St. Louis City, MO	200
St. Louis, MO-IL: St. Louis County, MO	201
Tulsa, OK: Tulsa County, OK	202
Washington-Arlington-Alexandria, DC-VA-MD-WV: District of Columbia.	203
Washington-Arlington-Alexandria, DC-VA-MD-WV: Prince George's County, MD	204

CONTENTS (CONTINUED)

List of Tables

Table 1. Participation of medical examiner/coroner jurisdictions in DAWN, 2007	14
Table 2. Rates of drug-related deaths and drug-related suicide deaths per 100,000 population, 2007	17
Table 3. Rates of drug-related deaths and percentage change, 2006 and 2007	20
Table 4. Metropolitan area profiles and county spotlights	24
Table 5. State profiles and metropolitan area profiles wholly in those States	26

List of Figures

Figure 1. Sample metropolitan area profile layout	27
---	----

List of Appendixes

Appendix A: DAWN Mortality Data Collection	207
Appendix B: Glossary of Terms	211
Appendix C: Multum Licensing Agreement.	217

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 2007 and were reported by participating ME/Cs to DAWN. In selected tables, data from reporting year 2006 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 abuse or misuse, 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 12, 2008, for deaths that occurred during 2007. 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 2007

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 2007, 246 jurisdictions in 63 metropolitan areas and 385 jurisdictions in 10 States submitted mortality data to DAWN.^{3,4}

Table 1 provides information on the metropolitan areas and States that participated in 2007. 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 appropriately. 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 2007, 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 45 metropolitan areas, with 100 percent coverage in 39 of those areas. The remaining metropolitan areas had response rates that range from a low of 22 percent in Dallas-Fort Worth-Arlington to 84 percent in St. Louis. 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 479 jurisdictions: 94 are only in metropolitan areas, 233 are only in States, and 152 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, 2007**

Area	Total jurisdictions (counties)	Participating jurisdictions (counties)		DAWN coverage	
		Number	Percent of total	Population	Percent of area population
Sixty-three metropolitan areas	382	246	64%	101,639,035	77%
Ten States	385	385	100%	35,014,495	100%
Metropolitan areas					
Albuquerque, NM	4	4	100%	835,120	100%
Atlanta-Sandy Springs-Marietta, GA	28	7	25%	2,195,477	42%
Baltimore-Towson, MD	7	7	100%	2,668,056	100%
Bangor, ME	1	1	100%	148,784	100%
Barnstable Town, MA	1	1	100%	222,175	100%
Bend, OR	1	1	100%	154,028	100%
Birmingham-Hoover, AL	7	1	14%	658,779	59%
Blacksburg-Christiansburg-Radford, VA	4	4	100%	157,614	100%
Boston-Cambridge-Quincy, MA-NH	7	7	100%	4,482,857	100%
Buffalo-Niagara Falls, NY	2	2	100%	1,128,183	100%
Burlington-South Burlington, VT	3	3	100%	207,361	100%
Charlottesville, VA	5	5	100%	192,779	100%
Chicago-Naperville-Joliet, IL-IN-WI	14	9	64%	8,719,630	92%
Cleveland-Elyria-Mentor, OH	5	1	20%	1,295,958	62%
Corvallis, OR	1	1	100%	81,428	100%
Dallas-Fort Worth-Arlington, TX	12	2	17%	1,343,047	22%
Danville, VA	2	2	100%	105,773	100%
Denver-Aurora, CO	10	6	60%	2,380,124	97%
Detroit-Warren-Livonia, MI	6	5	83%	4,375,580	98%
Eugene-Springfield, OR	1	1	100%	343,591	100%
Fargo, ND-MN	2	2	100%	192,417	100%
Farmington, NM	1	1	100%	122,427	100%
Harrisonburg, VA	2	2	100%	117,563	100%
Houston-Sugar Land-Baytown, TX	10	1	10%	3,935,855	70%
Indianapolis-Carmel, IN	10	2	20%	1,012,755	60%
Kansas City, MO-KS	15	4	27%	1,060,856	53%
Las Cruces, NM	1	1	100%	198,791	100%
Lawton, OK	1	1	100%	113,811	100%
Lewiston-Auburn, ME	1	1	100%	106,815	100%
Los Angeles-Long Beach-Santa Ana, CA	2	1	50%	9,878,554	77%
Louisville-Jefferson County, KY-IN	13	2	15%	746,074	60%
Lynchburg, VA	6	6	100%	243,580	100%
Manchester-Nashua, NH	1	1	100%	402,302	100%
Medford, OR	1	1	100%	199,295	100%

Table 1 (continued)**Participation of medical examiner/coroner jurisdictions in DAWN, 2007**

Area	Total jurisdictions (counties)	Participating jurisdictions (counties)		DAWN coverage	
		Number	Percent of total	Population	Percent of area population
Milwaukee-Waukesha-West Allis, WI	4	1	25%	951,252	62%
Minneapolis-St. Paul-Bloomington, MN-WI	13	9	69%	2,644,536	82%
New Orleans-Metairie-Kenner, LA	7	4	57%	544,788	53%
New York-Northern New Jersey-Long Island, NY-NJ-PA	23	11	48%	11,266,209	60%
Ogden-Clearfield, UT	3	3	100%	518,349	100%
Oklahoma City, OK	7	7	100%	1,192,989	100%
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	11	5	45%	3,501,044	60%
Phoenix-Mesa-Scottsdale, AZ	2	1	50%	3,880,181	93%
Pittsfield, MA	1	1	100%	129,798	100%
Portland-South Portland-Biddeford, ME	3	3	100%	513,102	100%
Portland-Vancouver-Beaverton, OR-WA	7	5	71%	1,746,320	80%
Provo-Orem, UT	2	2	100%	493,306	100%
Richmond, VA	20	20	100%	1,212,977	100%
Roanoke, VA	6	6	100%	296,532	100%
Salem, OR	2	2	100%	386,714	100%
Salisbury, MD	2	2	100%	119,616	100%
Salt Lake City, UT	3	3	100%	1,099,973	100%
San Diego-Carlsbad-San Marcos, CA	1	1	100%	2,974,859	100%
San Francisco-Oakland-Fremont, CA	5	4	80%	2,739,696	65%
Santa Fe, NM	1	1	100%	142,955	100%
Seattle-Tacoma-Bellevue, WA	3	3	100%	3,309,347	100%
Sioux Falls, SD	4	1	25%	175,272	77%
Springfield, MA	3	3	100%	682,657	100%
St. George, UT	1	1	100%	133,791	100%
St. Louis, MO-IL	17	9	53%	2,377,699	84%
Tulsa, OK	7	7	100%	905,755	100%
Virginia Beach-Norfolk-Newport News, VA-NC	16	15	94%	1,634,794	99%
Washington-Arlington-Alexandria, DC-VA-MD-WV	20	19	95%	5,255,733	99%
Worcester, MA	1	1	100%	781,352	100%

Table 1 (continued)**Participation of medical examiner/coroner jurisdictions in DAWN, 2007**

Area	Total jurisdictions (counties)	Participating jurisdictions (counties)		DAWN coverage	
		Number	Percent of total	Population	Percent of area population
States					
Maine	16	16	100%	1,317,207	100%
Maryland	24	24	100%	5,618,344	100%
Massachusetts	14	14	100%	6,449,755	100%
New Hampshire	10	10	100%	1,315,828	100%
New Mexico	33	33	100%	1,969,915	100%
Oklahoma	77	77	100%	3,617,316	100%
Oregon	36	36	100%	3,747,455	100%
Utah	29	29	100%	2,645,330	100%
Vermont	14	14	100%	621,254	100%
Virginia	132	132	100%	7,712,091	100%

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (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 2007. Table 3 compares the rates of drug-related deaths in 2007 with those found for 2006 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 2006 as in 2007. Both tables include indicators of the population coverage in DAWN for 2007.

Table 2
Rates of drug-related deaths and drug-related suicide deaths per 100,000 population, 2007

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	25.7	3.7	835,120	100%
Atlanta-Sandy Springs-Marietta, GA	8.2	1.0	2,195,477	42%
Baltimore-Towson, MD	20.8	1.3	2,668,056	100%
Bangor, ME	9.4	1.3	148,784	100%
Barnstable Town, MA	18.5	3.2	222,175	100%
Bend, OR	9.1	2.6	154,028	100%
Birmingham-Hoover, AL	17.5	1.1	658,779	59%
Blacksburg-Christiansburg-Radford, VA	13.3	2.5	157,614	100%
Boston-Cambridge-Quincy, MA-NH	15.5	1.6	4,482,857	100%
Buffalo-Niagara Falls, NY	7.8	1.0	1,128,183	100%
Burlington-South Burlington, VT	8.7	2.9	207,361	100%
Charlottesville, VA	5.2	2.6	192,779	100%
Chicago-Naperville-Joliet, IL-IN-WI	9.1	0.9	8,719,630	92%
Cleveland-Elyria-Mentor, OH	15.3	1.9	1,295,958	62%
Corvallis, OR	1.2	2.5	81,428	100%
Dallas-Fort Worth-Arlington, TX	6.0	0.8	1,343,047	22%
Danville, VA	7.6	0.9	105,773	100%
Denver-Aurora, CO	14.7	3.6	2,380,124	97%
Detroit-Warren-Livonia, MI	16.9	1.4	4,375,580	98%
Eugene-Springfield, OR	9.6	1.5	343,591	100%
Fargo, ND-MN	8.3	6.2	192,417	100%
Farmington, NM	15.5	3.3	122,427	100%
Harrisonburg, VA	4.3	0.9	117,563	100%
Houston-Sugar Land-Baytown, TX	14.7	2.0	3,935,855	70%
Indianapolis-Carmel, IN	11.9	1.7	1,012,755	60%
Kansas City, MO-KS	10.6	2.2	1,060,856	53%
Las Cruces, NM	12.6	2.5	198,791	100%

Table 2 (continued)**Rates of drug-related deaths and drug-related suicide deaths per 100,000 population, 2007**

Metropolitan area or State	Rate of drug-related deaths per 100,000 population*		DAWN coverage	
	Deaths	Suicide deaths	Population	Percent of area population
Lawton, OK	8.8	1.8	113,811	100%
Lewiston-Auburn, ME	8.4	1.9	106,815	100%
Los Angeles-Long Beach-Santa Ana, CA	9.9	1.4	9,878,554	77%
Louisville-Jefferson County, KY-IN	13.5	3.1	746,074	60%
Lynchburg, VA	5.3	0.4	243,580	100%
Manchester-Nashua, NH	9.9	3.0	402,302	100%
Medford, OR	12.0	7.5	199,295	100%
Milwaukee-Waukesha-West Allis, WI	18.7	1.7	951,252	62%
Minneapolis-St. Paul-Bloomington, MN-WI	7.0	0.9	2,644,536	82%
New Orleans-Metairie-Kenner, LA	26.1	1.1	544,788	53%
New York-Northern New Jersey-Long Island, NY-NJ-PA	9.2	1.1	11,266,209	60%
Ogden-Clearfield, UT	15.8	2.7	518,349	100%
Oklahoma City, OK	15.2	1.9	1,192,989	100%
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	18.8	1.4	3,501,044	60%
Phoenix-Mesa-Scottsdale, AZ	17.2	4.5	3,880,181	93%
Pittsfield, MA	9.2	4.6	129,798	100%
Portland-South Portland-Biddeford, ME	10.7	1.6	513,102	100%
Portland-Vancouver-Beaverton, OR-WA	11.6	2.4	1,746,320	80%
Provo-Orem, UT	16.6	0.6	493,306	100%
Richmond, VA	4.2	1.0	1,212,977	100%
Roanoke, VA	7.1	2.0	296,532	100%
Salem, OR	9.1	3.6	386,714	100%
Salisbury, MD	12.5	0.0	119,616	100%
Salt Lake City, UT	20.2	2.5	1,099,973	100%
San Diego-Carlsbad-San Marcos, CA	11.9	3.1	2,974,859	100%
San Francisco-Oakland-Fremont, CA	14.0	3.4	2,739,696	65%
Santa Fe, NM	19.6	0.7	142,955	100%
Seattle-Tacoma-Bellevue, WA	14.9	2.3	3,309,347	100%
Sioux Falls, SD	1.1	4.0	175,272	77%
Springfield, MA	17.0	1.3	682,657	100%
St. George, UT	10.5	3.7	133,791	100%
St. Louis, MO-IL	11.1	1.9	2,377,699	84%
Tulsa, OK	20.8	2.4	905,755	100%
Virginia Beach-Norfolk-Newport News, VA-NC	6.7	1.2	1,634,794	99%
Washington-Arlington-Alexandria, DC-VA-MD-WV	8.8	1.8	5,255,733	99%
Worcester, MA	13.1	1.9	781,352	100%

Table 2 (continued)**Rates of drug-related deaths and drug-related suicide deaths per 100,000 population, 2007**

Metropolitan area or State	Rate of drug-related deaths per 100,000 population*		DAWN coverage	
	Deaths	Suicide deaths	Population	Percent of area population
States				
Maine	10.0	1.7	1,317,207	100%
Maryland	14.6	1.1	5,618,344	100%
Massachusetts	15.8	1.7	6,449,755	100%
New Hampshire	12.6	2.6	1,315,828	100%
New Mexico	21.0	3.2	1,969,915	100%
Oklahoma	15.0	1.9	3,617,316	100%
Oregon	10.1	2.9	3,747,455	100%
Utah	17.6	2.0	2,645,330	100%
Vermont	10.1	2.7	621,254	100%
Virginia	5.9	1.5	7,712,091	100%

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

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Table 3**Rates of drug-related deaths and percentage change, 2006 and 2007**

Metropolitan area or State*	Rate of drug-related deaths per 100,000 population [†]		Percent change in rate, 2006 to 2007	DAWN coverage	
	2006	2007		Population	Percent of area population
Metropolitan areas					
Albuquerque, NM	26.0	25.7	-0.8%	835,120	100%
Baltimore-Towson, MD	19.8	20.8	5.3%	2,668,056	100%
Barnstable Town, MA	15.6	18.5	18.5%	222,175	100%
Birmingham-Hoover, AL	17.5	17.5	-0.3%	658,779	59%
Boston-Cambridge-Quincy, MA-NH	13.4	15.5	16.2%	4,482,857	100%
Buffalo-Niagara Falls, NY	7.7	7.8	0.8%	1,128,183	100%
Cleveland-Elyria-Mentor, OH	17.3	15.3	-11.5%	1,295,958	62%
Denver-Aurora, CO	13.9	14.7	5.2%	2,380,124	97%
Detroit-Warren-Livonia, MI	20.2	16.9	-16.3%	4,375,580	98%
Houston-Sugar Land-Baytown, TX	11.4	14.7	28.6%	3,935,855	70%
Indianapolis-Carmel, IN	11.3	11.9	5.6%	1,012,755	60%
Kansas City, MO-KS	8.3	10.6	27.4%	1,060,856	53%
Manchester-Nashua, NH	8.2	9.9	21.4%	402,302	100%
Milwaukee-Waukesha-West Allis, WI	19.6	18.7	-4.3%	951,252	62%
Ogden-Clearfield, UT	11.3	15.8	40.6%	518,349	100%
Oklahoma City, OK	7.3	15.2	106.8%	1,192,989	100%
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	26.0	18.8	-27.6%	3,501,044	60%
Phoenix-Mesa-Scottsdale, AZ	16.9	17.2	1.8%	3,880,181	93%
Portland-South Portland-Biddeford, ME	8.0	10.7	34.3%	513,102	100%
Provo-Orem, UT	16.0	16.6	3.7%	493,306	100%
Salt Lake City, UT	19.3	20.2	4.6%	1,099,973	100%
San Diego-Carlsbad-San Marcos, CA	8.4	11.9	41.7%	2,974,859	100%
Seattle-Tacoma-Bellevue, WA	15.6	14.9	-4.1%	3,309,347	100%
Springfield, MA	13.0	17.0	31.0%	682,657	100%
St. Louis, MO-IL	13.7	11.1	-18.6%	2,377,699	84%
Tulsa, OK	13.4	20.8	55.3%	905,755	100%
Washington-Arlington-Alexandria, DC-VA-MD-WV	6.3	8.8	41.3%	5,255,733	99%
Worcester, MA	13.5	13.1	-3.3%	781,352	100%

Table 3 (continued)**Rates of drug-related deaths and percentage change, 2006 and 2007**

Metropolitan area or State*	Rate of drug-related deaths per 100,000 population [†]		Percent change in rate, 2006 to 2007	DAWN coverage	
	2006	2007		Population	Percent of area population
States					
Maine	9.2	10.0	8.6%	1,317,207	100%
Maryland	13.6	14.6	7.3%	5,618,344	100%
Massachusetts	14.2	15.8	11.3%	6,449,755	100%
New Hampshire	8.9	12.6	41.8%	1,315,828	100%
New Mexico	19.2	21.0	9.3%	1,969,915	100%
Oklahoma	8.4	15.0	78.8%	3,617,316	100%
Utah	15.9	17.6	10.4%	2,645,330	100%
Vermont	11.5	10.1	-12.1%	621,254	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, 2007 (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 63 metropolitan areas, full profiles are provided for 40 metropolitan areas. Abbreviated profiles are provided for 21 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 47 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
Abbreviated	Atlanta-Sandy Springs-Marietta, GA	Fulton County
Full	Baltimore-Towson, MD	Anne Arundel County Baltimore City Baltimore County
Abbreviated	Bangor, ME	None
Full	Barnstable Town, MA	None
Abbreviated	Bend, OR	None
Full	Birmingham-Hoover, AL	None
Abbreviated	Blacksburg-Christiansburg-Radford, VA	None
Full	Boston-Cambridge-Quincy, MA-NH	Essex County Middlesex County Norfolk County Plymouth County Suffolk County
Full	Buffalo-Niagara Falls, NY	Erie County
Abbreviated	Burlington-South Burlington, VT	None
Abbreviated	Charlottesville, VA	None
Full	Chicago-Naperville-Joliet, IL-IN-WI	Cook County Lake County
Full	Cleveland-Elyria-Mentor, OH	None
Abbreviated	Corvallis, OR	None
Abbreviated	Dallas-Fort Worth-Arlington, TX	None
Abbreviated	Danville, VA	None
Full	Denver-Aurora, CO	Arapahoe County Denver County
Full	Detroit-Warren-Livonia, MI	Macomb County Oakland County Wayne County
Full	Eugene-Springfield, OR	None
Abbreviated	Fargo, ND-MN	None
Abbreviated	Farmington, NM	None
Abbreviated	Harrisonburg, VA	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	None
Full	Louisville-Jefferson County, KY-IN	Jefferson County
Abbreviated	Lynchburg, VA	None
Full	Manchester-Nashua, NH	None

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

Type of profile	Metropolitan area profile	County spotlight(s)
Abbreviated	Medford, OR	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
Full	New York-Northern New Jersey-Long Island, NY-NJ-PA	Bronx County Kings County New York County Queens County Suffolk 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
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
Full	Richmond, VA	None
Abbreviated	Roanoke, VA	None
Full	Salem, OR	None
Abbreviated	Salisbury, MD	None
Full	Salt Lake City, UT	Salt Lake County
Full	San Diego-Carlsbad-San Marcos, CA	None
Full	San Francisco-Oakland-Fremont, CA	Contra Costa County San Francisco County
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	Virginia Beach-Norfolk-Newport News, VA-NC	None
Full	Washington-Arlington-Alexandria, DC-VA-MD-WV	District of Columbia Prince George's County
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
Oregon	Bend, OR	Abbreviated
	Corvallis, OR	Abbreviated
	Eugene-Springfield, OR	Full
	Medford, OR	Abbreviated
	Salem, OR	Full
Utah	Ogden-Clearfield, UT	Full
	Provo-Orem, UT	Full
	Salt Lake City, UT	Full
	St. George, UT	Abbreviated
Vermont	Burlington-South Burlington, VT	Abbreviated
Virginia	Blacksburg-Christiansburg-Radford, VA	Abbreviated
	Charlottesville, VA	Abbreviated
	Danville, VA	Abbreviated
	Harrisonburg, VA	Abbreviated
	Lynchburg, VA	Abbreviated
	Richmond, VA	Full
	Roanoke, VA	Abbreviated

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.

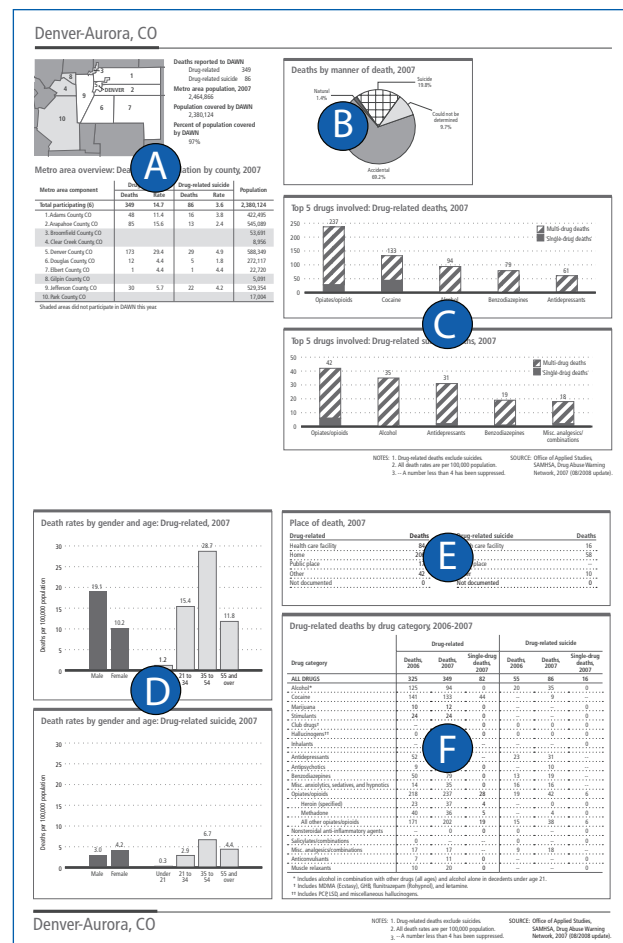
Both participating and nonparticipating jurisdictions are shown in the map. Jurisdictions that provided mortality data for 2007 are colored white. Jurisdictions in the area that did not provide data are shaded light blue. Areas outside of the metropolitan area or State are shaded darker blue.

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,

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>.)

- Total population of the area,
- Population covered by participating jurisdictions, and
- Percentage of population residing in participating jurisdictions.⁷

Table A: Metro area overview: Deaths and population by county, 2007

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, 2007

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.

⁷ Population estimates for 2006 and 2007 were obtained from the U.S. Census Bureau County-Level Population Estimates (CPOP file), Vintage 2007, released August 2008. (Available at <http://www.census.gov/popest/estimates.html>.)

Figure C: Top 5 drugs involved: Drug-related deaths, 2007
Top 5 drugs involved: Drug-related suicide deaths, 2007

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, 2007
Death rates by gender and age: Drug-related suicide deaths, 2007

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, 2007

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, 2006-2007

Table F reports, by drug type or drug, the count of drug-related deaths and drug-related suicide deaths for 2006 and 2007. 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 2006 and 2007 are reported when the same jurisdictions participated in both years. If comparable data for 2006 are not available (e.g., the State of Oregon did not participate in 2006) or are not comparable to those shown for 2007 (e.g., in the San Francisco metropolitan area, Contra Costa and San Francisco counties participated in 2007 but not in 2006), 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 methylenedioxymethamphetamine (MDMA, or Ecstasy); gamma hydroxy butyrate (GHB) and its precursor, gamma butyrolactone (GBL); flunitrazepam (Rohypnol); and ketamine. In other settings or studies, the drugs classified as club drugs may exclude some of these drugs or include others, such as LSD or methamphetamine. 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.

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. The Multum Licensing Agreement governing use of the *Lexicon* is provided in Appendix C. (Also available at <http://www.multum.com/>.)

- **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:
 - **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).

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.

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.

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 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

Ten statewide ME/C systems participated in DAWN in 2007. A full profile is provided for each of the following States:

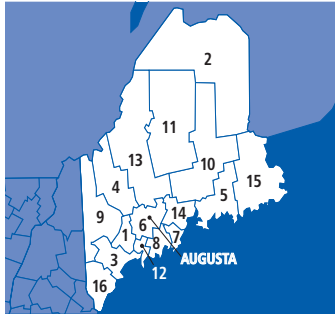
- Maine,
- Maryland,
- Massachusetts,
- New Hampshire,
- New Mexico,
- Oklahoma,
- Oregon,
- Utah,
- Vermont, and
- Virginia.

Any metropolitan areas that fell wholly within the 10 statewide ME/C systems and reported more than 30 drug-related deaths or drug-related suicide deaths to DAWN in 2007 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 132
 Drug-related suicide 22

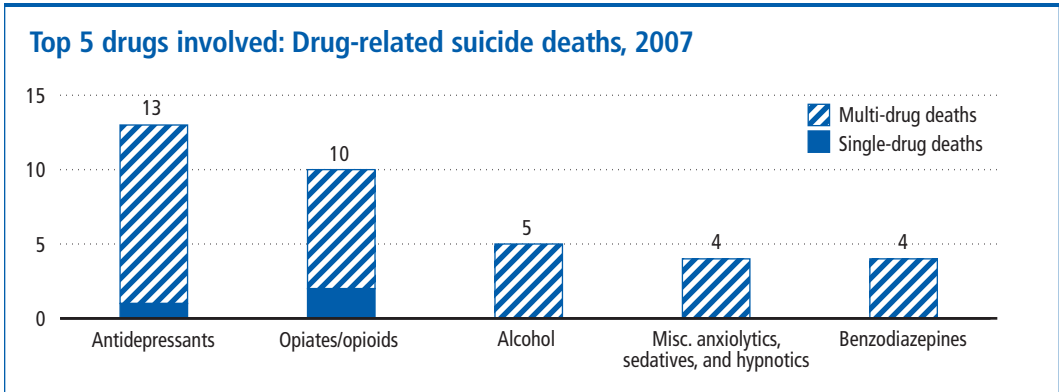
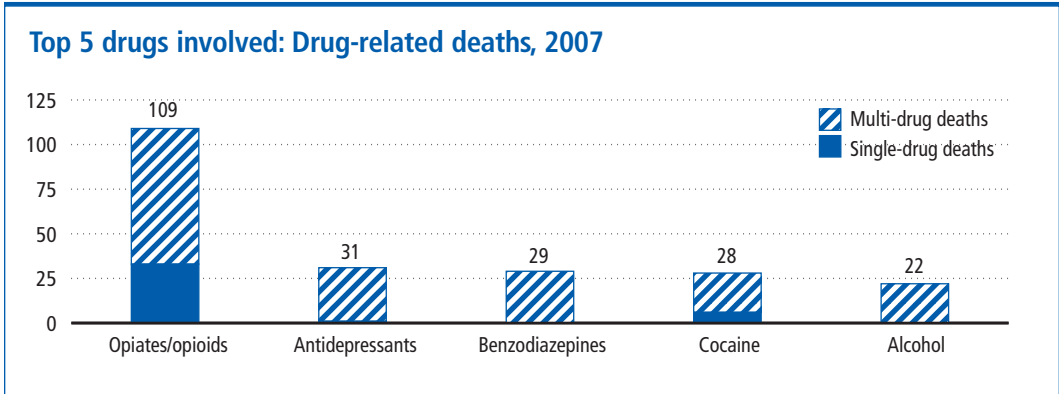
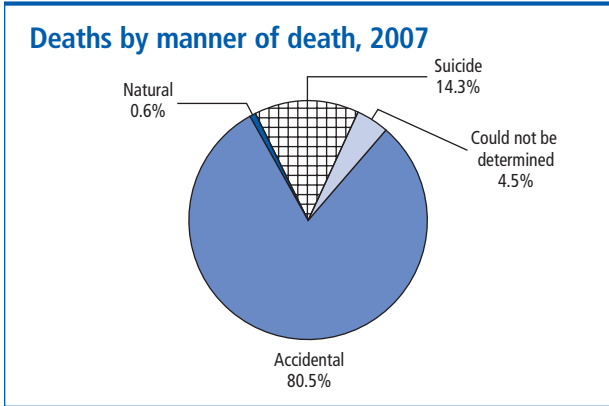
State population, 2007
 1,317,207

Population covered by DAWN
 1,317,207

Percent of population covered by DAWN
 100%

State overview: Deaths and population by county, 2007

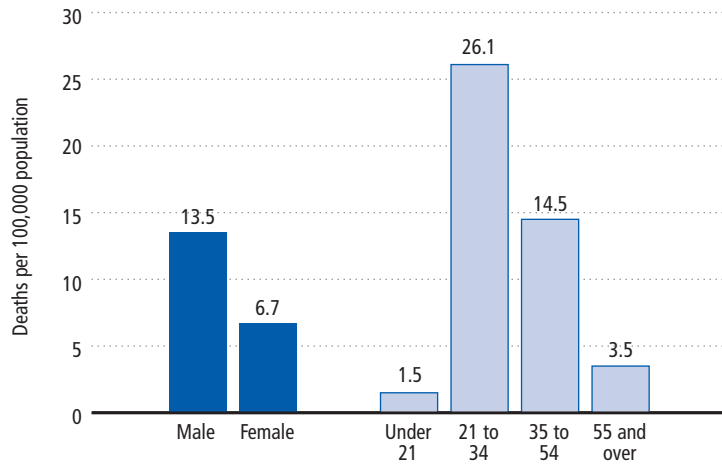
Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (16)	132	10.0	22	1.7	1,317,207
1. Androscoggin County	9	8.4	2	1.9	106,815
2. Aroostook County	5	6.9	0	0.0	72,047
3. Cumberland County	35	12.7	6	2.2	275,374
4. Franklin County	4	13.4	2	6.7	29,927
5. Hancock County	3	5.6	1	1.9	53,278
6. Kennebec County	15	12.4	1	0.8	120,839
7. Knox County	6	14.7	0	0.0	40,781
8. Lincoln County	1	2.9	0	0.0	34,800
9. Oxford County	6	10.6	1	1.8	56,734
10. Penobscot County	14	9.4	2	1.3	148,784
11. Piscataquis County	3	17.5	1	5.8	17,180
12. Sagadahoc County	2	5.5	0	0.0	36,387
13. Somerset County	1	1.9	3	5.8	51,658
14. Waldo County	4	10.4	0	0.0	38,511
15. Washington County	6	18.3	1	3.1	32,751
16. York County	18	8.9	2	1.0	201,341



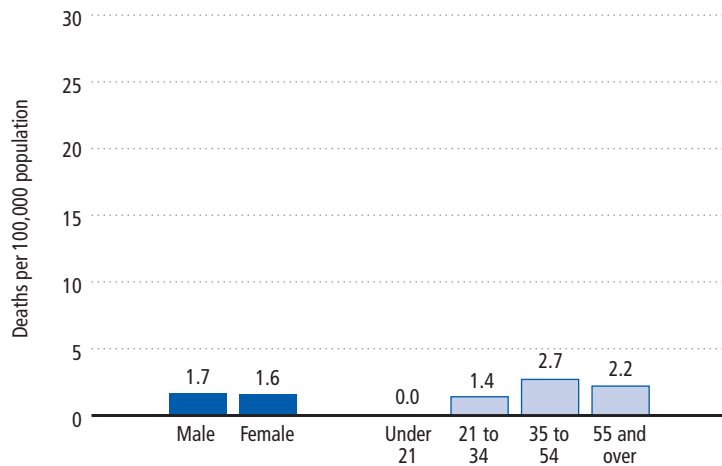
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

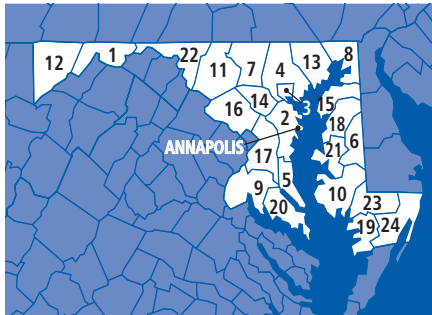
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	30	Health care facility	0
Home	78	Home	19
Public place	--	Public place	0
Other	22	Other	--
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	122	132	43	23	22	5
Alcohol*	29	22	0	7	5	0
Cocaine	29	28	6	--	--	0
Marijuana	--	--	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	0
Antidepressants	22	31	--	9	13	--
Antipsychotics	8	8	--	6	--	0
Benzodiazepines	18	29	0	--	4	0
Misc. anxiolytics, sedatives, and hypnotics	4	11	0	--	4	0
Opiates/opioids	98	109	33	6	10	--
Heroin (specified)	4	4	--	0	0	0
Methadone	55	57	17	--	--	--
All other opiates/opioids	50	68	15	5	9	--
Nonsteroidal anti-inflammatory agents	0	0	0	--	--	0
Salicylates/combinations	--	0	0	--	0	0
Misc. analgesics/combinations	0	--	0	--	--	--
Anticonvulsants	6	4	0	0	--	0
Muscle relaxants	6	5	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.

Maryland



Deaths reported to DAWN
 Drug-related 821
 Drug-related suicide 61

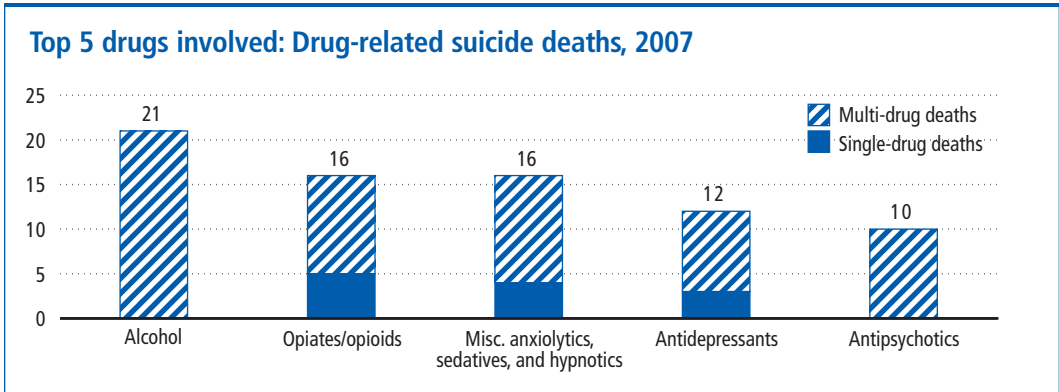
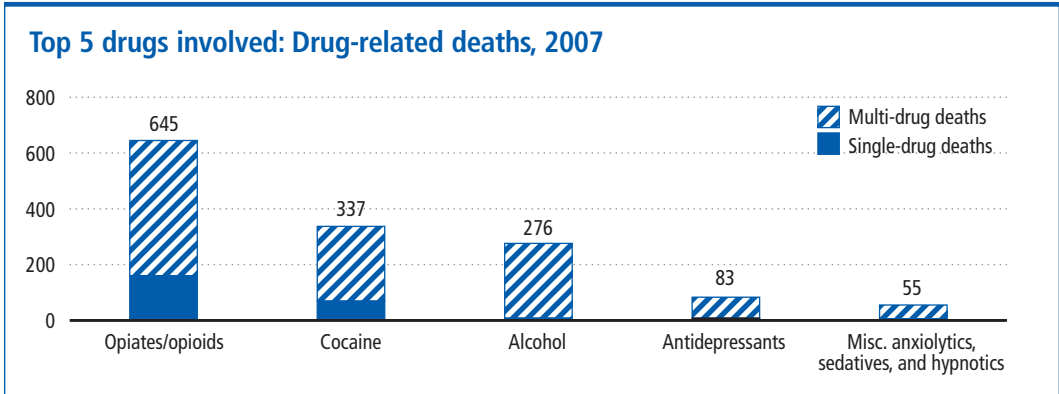
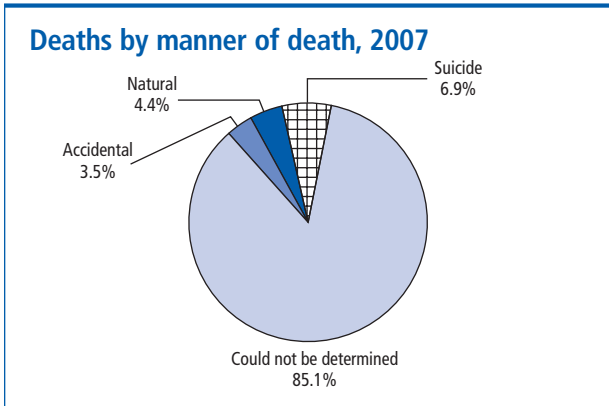
State population, 2007
 5,618,344

Population covered by DAWN
 5,618,344

Percent of population covered by DAWN
 100%

State overview: Deaths and population by county, 2007

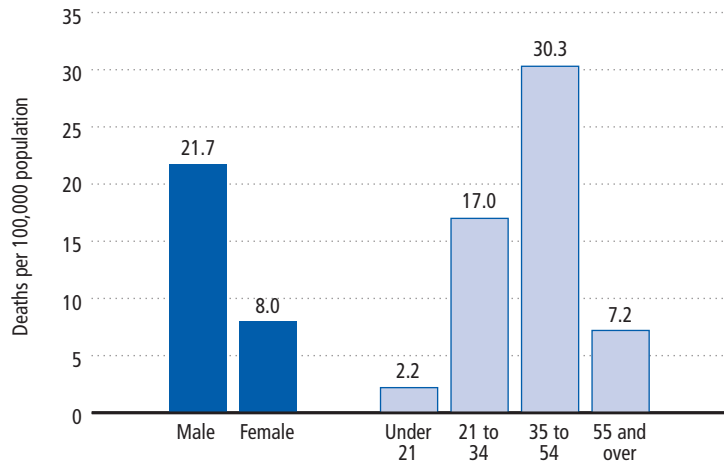
Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (24)	821	14.6	61	1.1	5,618,344
1. Allegany County	12	16.5	0	0.0	72,594
2. Anne Arundel County	63	12.3	8	1.6	512,154
3. Baltimore City	318	49.9	11	1.7	637,455
4. Baltimore County	108	13.7	7	0.9	788,994
5. Calvert County	14	15.9	2	2.3	88,223
6. Caroline County	0	0.0	0	0.0	32,910
7. Carroll County	12	7.1	4	2.4	169,220
8. Cecil County	24	24.1	3	3.0	99,695
9. Charles County	14	10.0	1	0.7	140,444
10. Dorchester County	5	15.7	0	0.0	31,846
11. Frederick County	28	12.5	1	0.4	224,705
12. Garrett County	0	0.0	0	0.0	29,627
13. Harford County	32	13.3	2	0.8	239,993
14. Howard County	17	6.2	3	1.1	273,669
15. Kent County	2	10.0	0	0.0	19,987
16. Montgomery County	49	5.3	8	0.9	930,813
17. Prince George's County	60	7.2	9	1.1	828,770
18. Queen Anne's County	6	12.9	0	0.0	46,571
19. Somerset County	3	11.5	0	0.0	26,016
20. St. Mary's County	5	5.0	1	1.0	100,378
21. Talbot County	8	22.1	0	0.0	36,193
22. Washington County	18	12.4	1	0.7	145,113
23. Wicomico County	12	12.8	0	0.0	93,600
24. Worcester County	11	22.3	0	0.0	49,374



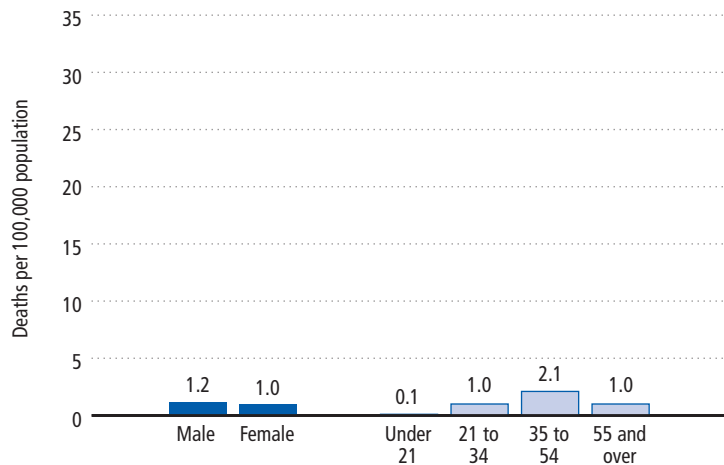
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

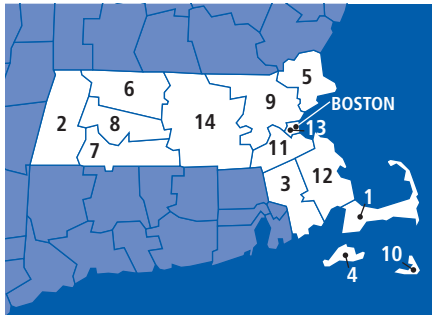
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	348	Health care facility	18
Home	333	Home	36
Public place	12	Public place	--
Other	128	Other	6
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	765	821	263	56	61	18
Alcohol*	276	276	8	21	21	0
Cocaine	338	337	69	7	10	--
Marijuana	--	--	0	0	0	0
Stimulants	4	--	0	0	0	0
Club drugs†	--	--	--	0	0	0
Hallucinogens††	7	10	4	0	--	0
Inhalants	--	0	0	0	--	0
Antidepressants	48	83	8	14	12	--
Antipsychotics	17	23	--	4	10	0
Benzodiazepines	18	41	0	6	7	0
Misc. anxiolytics, sedatives, and hypnotics	34	55	6	13	16	4
Opiates/opioids	574	645	160	19	16	5
Heroin (specified)	15	142	18	0	0	0
Methadone	199	227	76	--	--	0
All other opiates/opioids	434	394	66	18	14	5
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	--	--	0	--	--	0
Misc. analgesics/combinations	39	39	--	7	4	0
Anticonvulsants	7	6	--	--	--	0
Muscle relaxants	5	17	--	--	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.

Massachusetts



Deaths reported to DAWN
 Drug-related 1,019
 Drug-related suicide 108

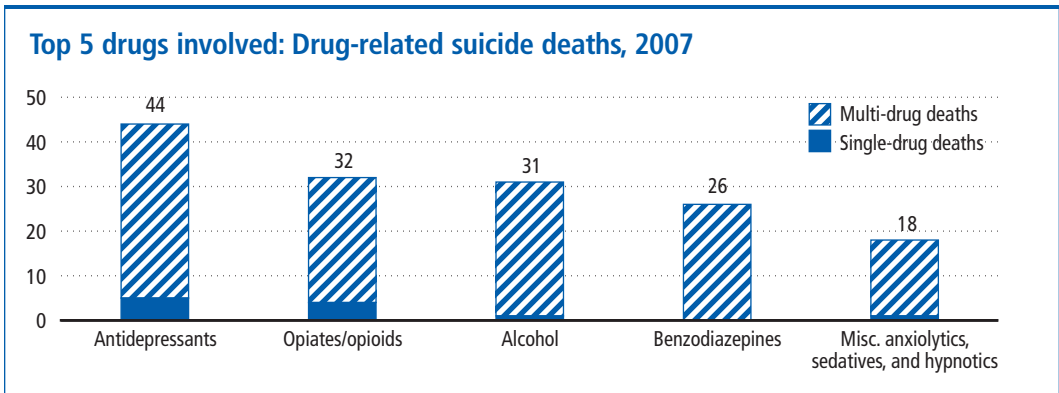
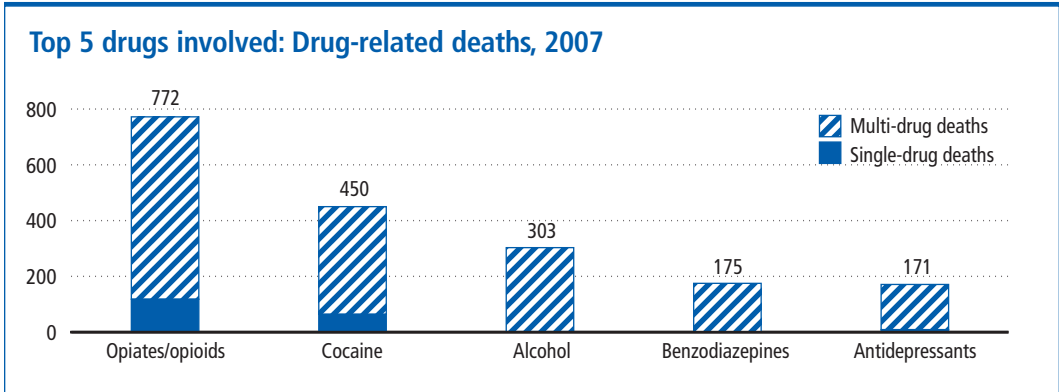
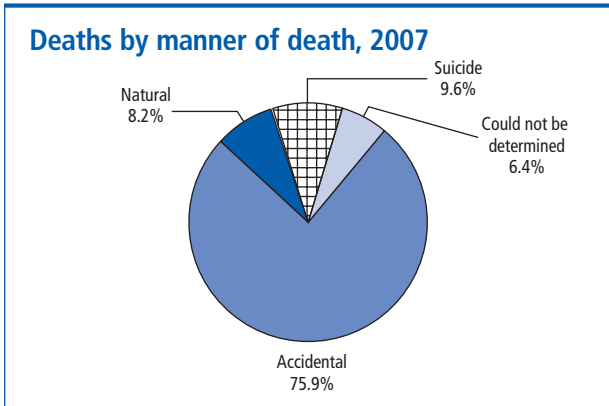
State population, 2007
 6,449,755

Population covered by DAWN
 6,449,755

Percent of population covered by DAWN
 100%

State overview: Deaths and population by county, 2007

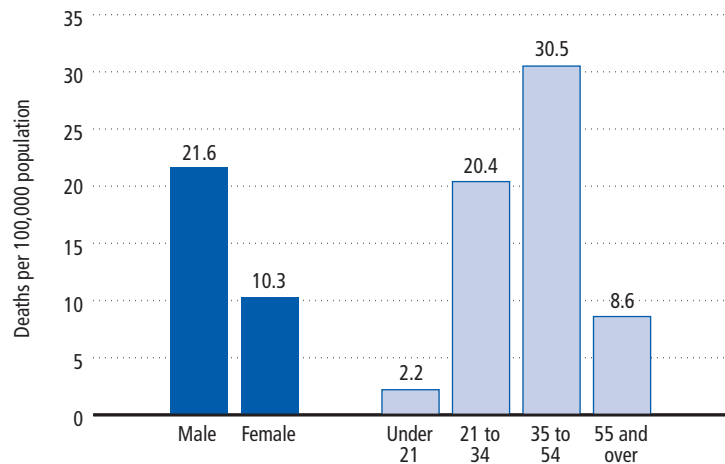
Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (14)	1,019	15.8	108	1.7	6,449,755
1. Barnstable County	41	18.5	7	3.2	222,175
2. Berkshire County	12	9.2	6	4.6	129,798
3. Bristol County	96	17.7	10	1.8	543,024
4. Dukes County	4	25.8	0	0.0	15,485
5. Essex County	141	19.2	13	1.8	733,101
6. Franklin County	5	7.0	2	2.8	71,602
7. Hampden County	92	20.1	2	0.4	457,908
8. Hampshire County	19	12.4	5	3.3	153,147
9. Middlesex County	176	11.9	20	1.4	1,473,416
10. Nantucket County	0	0.0	0	0.0	10,531
11. Norfolk County	73	11.1	8	1.2	654,909
12. Plymouth County	67	13.7	7	1.4	490,258
13. Suffolk County	191	26.8	13	1.8	713,049
14. Worcester County	102	13.1	15	1.9	781,352



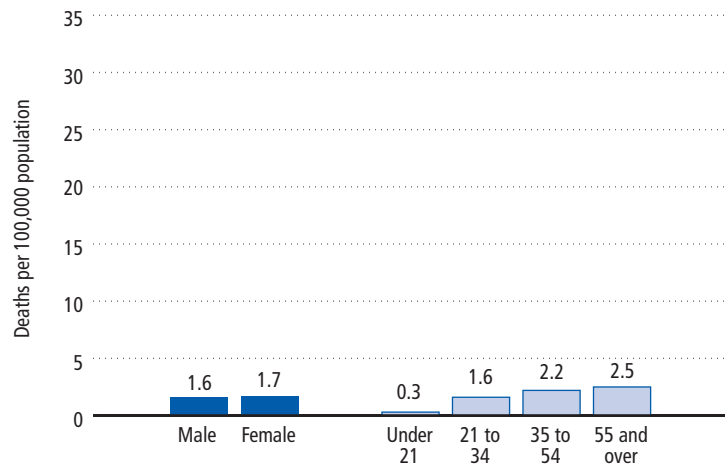
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

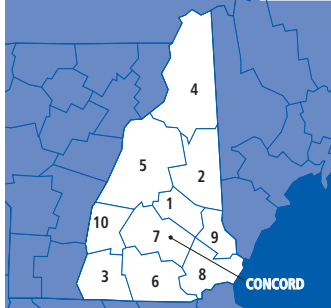
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	354	Health care facility	29
Home	489	Home	63
Public place	30	Public place	5
Other	116	Other	11
Not documented	30	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	912	1,019	233	100	108	23
Alcohol*	205	303	--	28	31	--
Cocaine	394	450	64	10	14	0
Marijuana	13	80	--	0	4	0
Stimulants	11	42	--	--	6	0
Club drugs†	--	--	0	--	--	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	9	--	0	7	8	4
Antidepressants	159	171	9	45	44	5
Antipsychotics	38	29	--	18	18	--
Benzodiazepines	89	175	--	14	26	0
Misc. anxiolytics, sedatives, and hypnotics	32	30	--	20	18	--
Opiates/opioids	669	772	118	32	32	4
Heroin (specified)	39	76	6	--	--	0
Methadone	166	189	21	6	--	0
All other opiates/opioids	522	648	91	26	30	4
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	--	--	0	0	--	--
Misc. analgesics/combinations	15	16	--	6	12	5
Anticonvulsants	4	9	0	5	--	0
Muscle relaxants	6	15	--	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 166
 Drug-related suicide 34

State population, 2007
 1,315,828

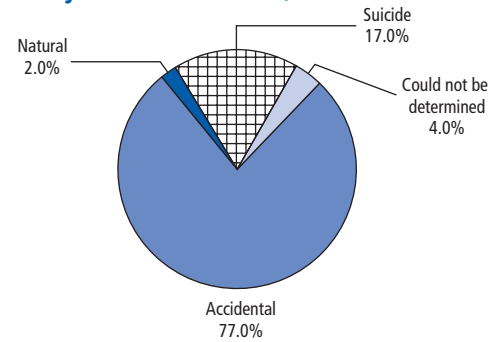
Population covered by DAWN
 1,315,828

Percent of population covered
 by DAWN
 100%

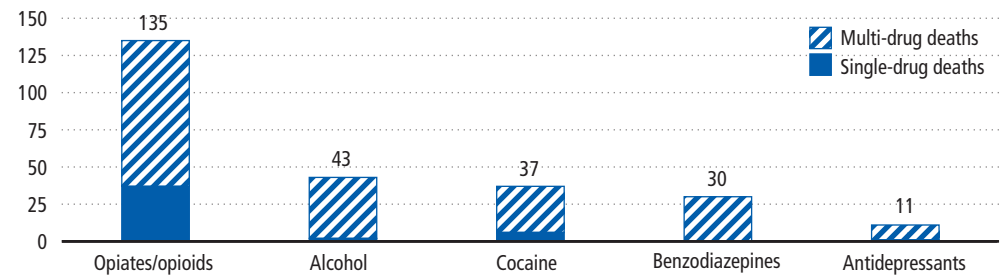
State overview: Deaths and population by county, 2007

Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (10)	166	12.6	34	2.6	1,315,828
1. Belknap County	14	22.9	2	3.3	61,048
2. Carroll County	12	25.3	2	4.2	47,380
3. Cheshire County	6	7.7	1	1.3	77,725
4. Coos County	8	24.4	0	0.0	32,772
5. Grafton County	11	12.9	5	5.8	85,514
6. Hillsborough County	40	9.9	12	3.0	402,302
7. Merrimack County	24	16.2	3	2.0	148,274
8. Rockingham County	36	12.1	6	2.0	296,543
9. Strafford County	13	10.7	3	2.5	121,581
10. Sullivan County	2	4.7	0	0.0	42,689

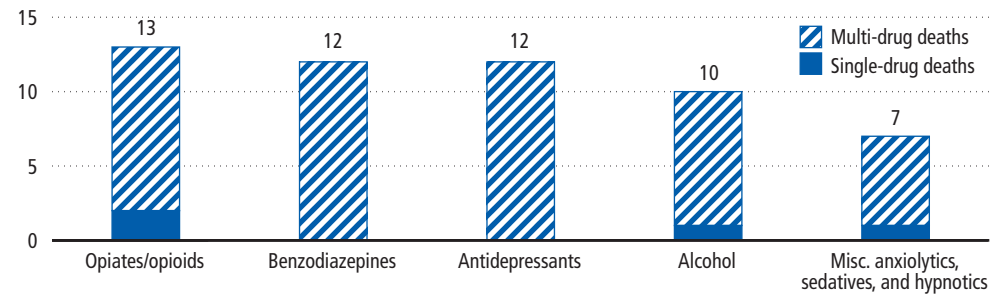
Deaths by manner of death, 2007



Top 5 drugs involved: Drug-related deaths, 2007



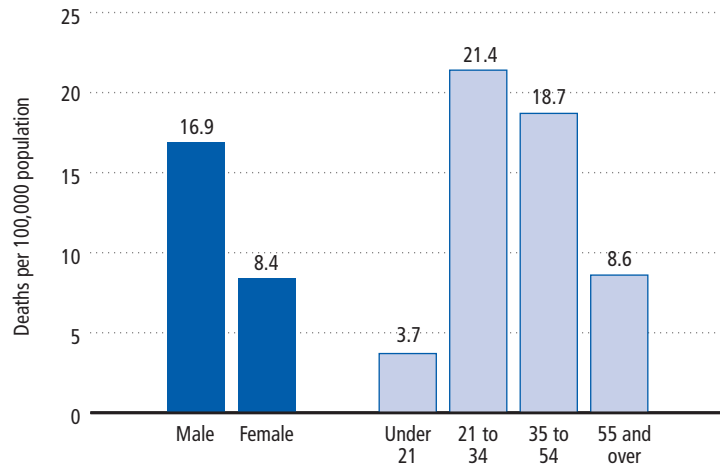
Top 5 drugs involved: Drug-related suicide deaths, 2007



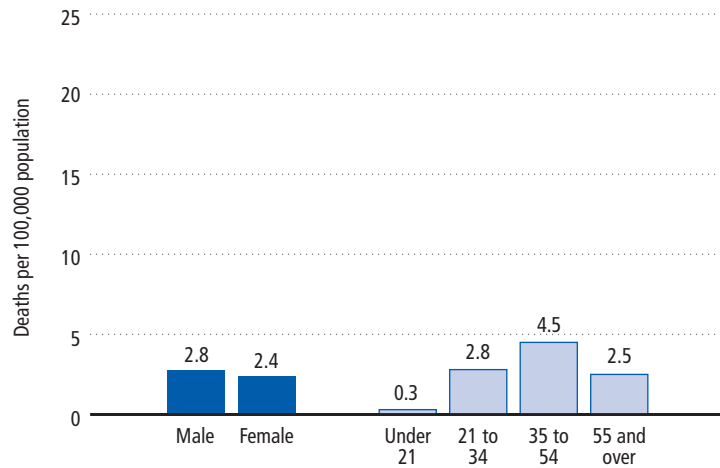
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

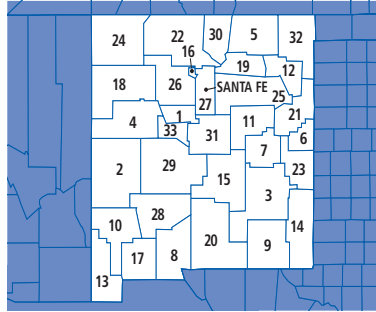
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	51	Health care facility	8
Home	94	Home	21
Public place	8	Public place	--
Other	13	Other	--
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	117	166	60	17	34	6
Alcohol*	32	43	--	8	10	--
Cocaine	31	37	6	0	--	0
Marijuana	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	0	0
Antidepressants	14	11	--	9	12	0
Antipsychotics	--	4	--	--	--	0
Benzodiazepines	26	30	0	7	12	0
Misc. anxiolytics, sedatives, and hypnotics	4	4	0	5	7	--
Opiates/opioids	84	135	37	6	13	--
Heroin (specified)	12	13	5	0	0	0
Methadone	33	61	24	--	--	0
All other opiates/opioids	52	72	8	4	12	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	--	0	--	--	--
Misc. analgesics/combinations	--	4	0	4	5	--
Anticonvulsants	--	--	0	0	0	0
Muscle relaxants	4	4	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.

New Mexico

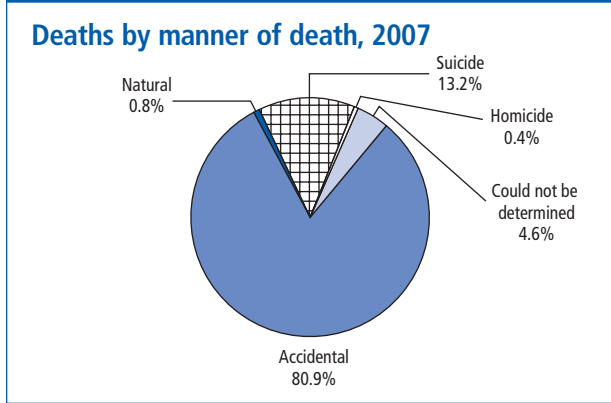


Deaths reported to DAWN
 Drug-related 414
 Drug-related suicide 63

State population, 2007
 1,969,915

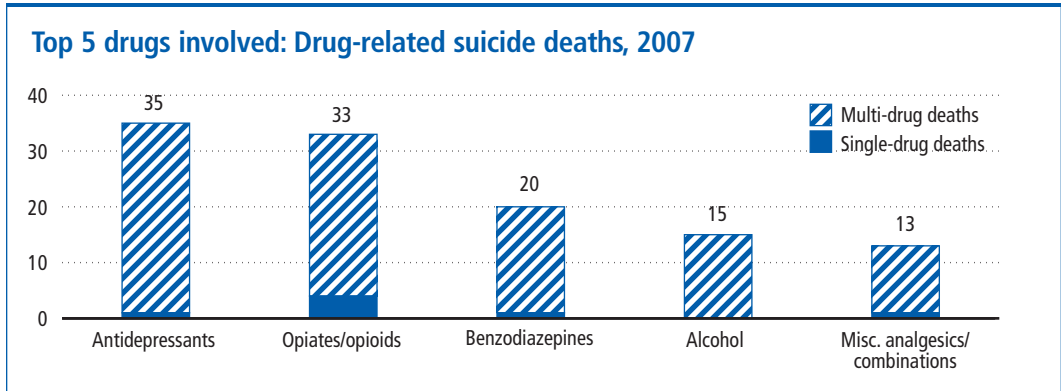
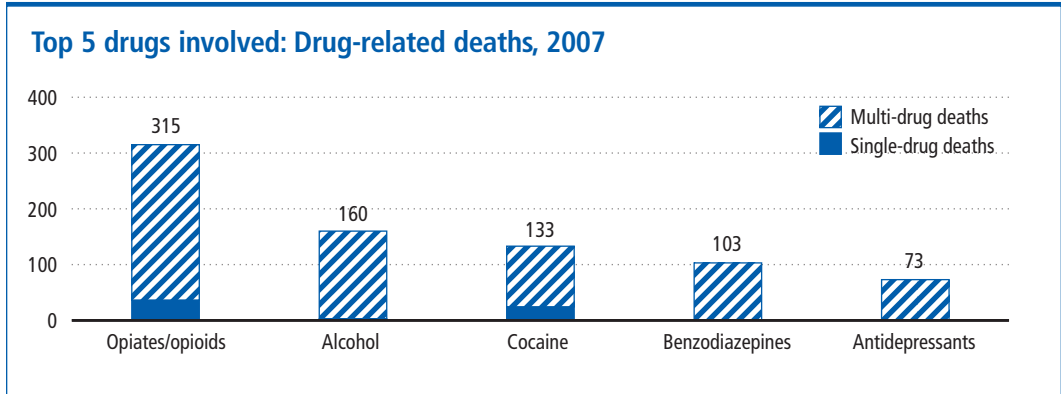
Population covered by DAWN
 1,969,915

Percent of population covered by DAWN
 100%



State overview: Deaths and population by county, 2007

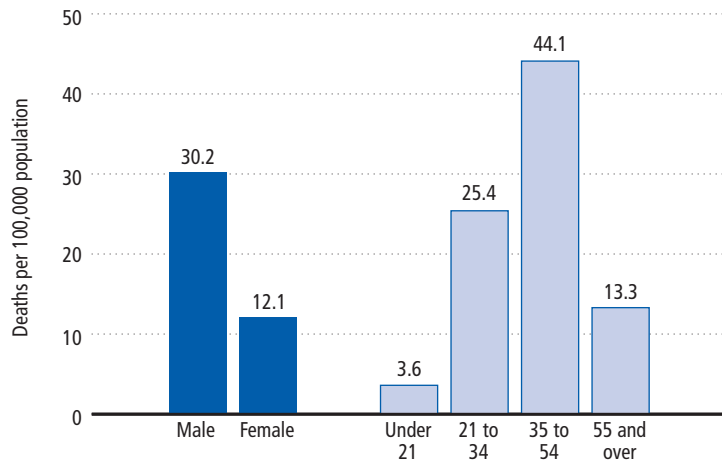
Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (33)	414	21.0	63	3.2	1,969,915
1. Bernalillo County	188	29.9	27	4.3	629,292
2. Catron County	2	58.3	0	0.0	3,431
3. Chaves County	7	11.2	4	6.4	62,595
4. Cibola County	3	11.0	3	11.0	27,261
5. Colfax County	3	22.7	1	7.6	13,216
6. Curry County	7	15.4	0	0.0	45,328
7. DeBaca County	1	52.2	0	0.0	1,916
8. Doña Ana County	25	12.6	5	2.5	198,791
9. Eddy County	9	17.6	4	7.8	51,002
10. Grant County	5	16.8	0	0.0	29,699
11. Guadalupe County	0	0.0	0	0.0	4,447
12. Harding County	0	0.0	0	0.0	716
13. Hidalgo County	1	20.2	1	20.2	4,945
14. Lea County	12	20.7	1	1.7	58,043
15. Lincoln County	6	28.9	0	0.0	20,783
16. Los Alamos County	2	10.8	0	0.0	18,558
17. Luna County	3	11.1	0	0.0	26,996
18. McKinley County	7	10.0	0	0.0	70,059
19. Mora County	0	0.0	0	0.0	5,069
20. Otero County	7	11.1	3	4.8	63,129
21. Quay County	1	11.1	0	0.0	8,971
22. Rio Arriba County	25	61.2	1	2.4	40,827
23. Roosevelt County	4	20.9	0	0.0	19,142
24. San Juan County	19	15.5	4	3.3	122,427
25. San Miguel County	8	27.9	2	7.0	28,655
26. Sandoval County	10	8.5	1	0.8	117,866
27. Santa Fe County	28	19.6	1	0.7	142,955
28. Sierra County	1	8.1	0	0.0	12,316
29. Socorro County	2	11.0	1	5.5	18,118
30. Taos County	11	34.8	1	3.2	31,608
31. Torrance County	2	12.0	0	0.0	16,598
32. Union County	0	0.0	0	0.0	3,792
33. Valencia County	15	21.0	3	4.2	71,364



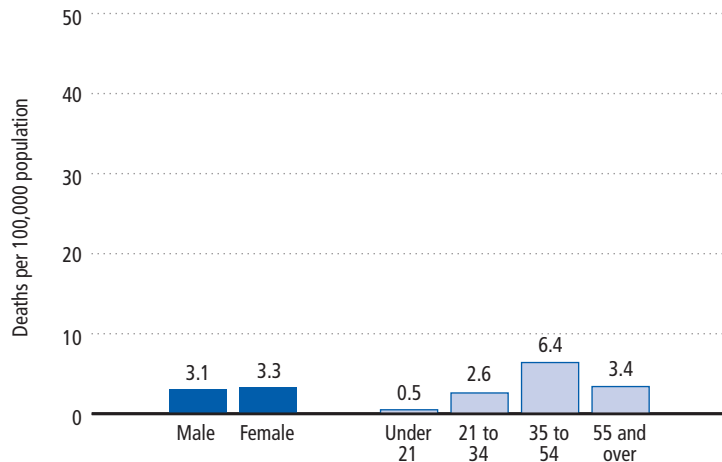
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	79	Health care facility	10
Home	235	Home	45
Public place	18	Public place	--
Other	82	Other	5
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

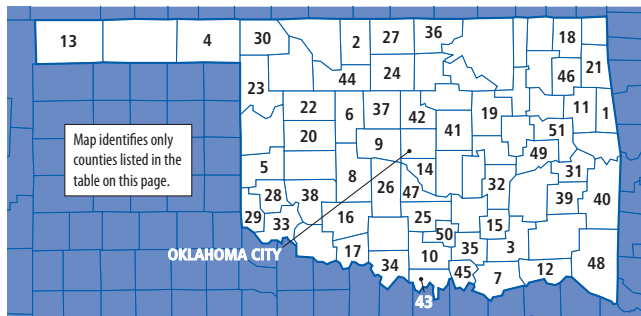
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	376	414	75	54	63	11
Alcohol*	117	160	--	19	15	0
Cocaine	129	133	24	6	--	--
Marijuana	10	19	0	0	--	0
Stimulants	37	50	8	0	--	0
Club drugs†	0	--	0	0	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	--	--	0	0	0	0
Antidepressants	46	73	0	26	35	--
Antipsychotics	13	12	0	6	10	0
Benzodiazepines	88	103	--	24	20	--
Misc. anxiolytics, sedatives, and hypnotics	10	46	0	6	7	0
Opiates/opioids	267	315	36	24	33	4
Heroin (specified)	89	39	8	--	--	0
Methadone	60	69	6	--	--	0
All other opiates/opioids	139	242	22	19	30	4
Nonsteroidal anti-inflammatory agents	--	5	0	0	--	--
Salicylates/combinations	--	--	--	--	--	--
Misc. analgesics/combinations	8	38	--	4	13	--
Anticonvulsants	20	4	0	--	5	0
Muscle relaxants	18	27	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 542

Drug-related suicide 69

State population, 2007

3,617,316

Population covered by DAWN

3,617,316

Percent of population covered by DAWN

100%

State overview: Deaths and population by county, 2007

Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (77)	542	15.0	69	1.9	3,617,316
1. Adair County	1	4.6	0	0.0	21,902
2. Alfalfa County	0	0.0	0	0.0	5,593
3. Atoka County	1	6.9	0	0.0	14,512
4. Beaver County	0	0.0	0	0.0	5,380
5. Beckham County	6	30.5	0	0.0	19,700
6. Blaine County	0	0.0	0	0.0	12,475
7. Bryan County	9	22.7	2	5.1	39,563
8. Caddo County	6	20.5	1	3.4	29,296
9. Canadian County	9	8.7	2	1.9	103,559
10. Carter County	6	12.6	1	2.1	47,582
11. Cherokee County	11	24.2	0	0.0	45,393
12. Choctaw County	2	13.3	0	0.0	15,011
13. Cimarron County	0	0.0	0	0.0	2,664
14. Cleveland County	14	5.9	4	1.7	236,452
15. Coal County	0	0.0	1	17.5	5,709
16. Comanche County	10	8.8	2	1.8	113,811
17. Cotton County	1	15.9	0	0.0	6,299
18. Craig County	2	13.2	0	0.0	15,195
19. Creek County	13	18.8	0	0.0	69,073
20. Custer County	2	7.7	0	0.0	26,111
21. Delaware County	2	4.9	0	0.0	40,406
22. Dewey County	0	0.0	0	0.0	4,338
23. Ellis County	1	25.6	0	0.0	3,911
24. Garfield County	2	3.5	2	3.5	57,657
25. Garvin County	2	7.4	0	0.0	27,141

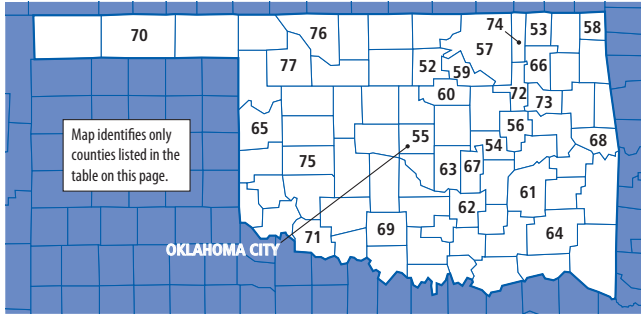
(continued)

Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
26. Grady County	4	7.9	2	4.0	50,615
27. Grant County	0	0.0	0	0.0	4,497
28. Greer County	1	17.2	0	0.0	5,810
29. Harmon County	0	0.0	0	0.0	2,837
30. Harper County	0	0.0	0	0.0	3,254
31. Haskell County	0	0.0	0	0.0	12,059
32. Hughes County	0	0.0	1	7.3	13,680
33. Jackson County	3	11.6	0	0.0	25,778
34. Jefferson County	0	0.0	0	0.0	6,273
35. Johnston County	1	9.6	0	0.0	10,402
36. Kay County	3	6.6	0	0.0	45,638
37. Kingfisher County	2	14.0	0	0.0	14,320
38. Kiowa County	1	10.6	0	0.0	9,456
39. Latimer County	0	0.0	1	9.5	10,508
40. Le Flore County	8	16.1	1	2.0	49,715
41. Lincoln County	5	15.5	0	0.0	32,272
42. Logan County	3	8.2	0	0.0	36,435
43. Love County	2	21.9	0	0.0	9,112
44. Major County	0	0.0	0	0.0	7,190
45. Marshall County	0	0.0	0	0.0	14,830
46. Mayes County	6	15.1	2	5.0	39,627
47. McClain County	4	12.6	1	3.1	31,849
48. McCurtain County	8	23.9	1	3.0	33,539
49. McIntosh County	2	10.1	0	0.0	19,709
50. Murray County	2	15.8	1	7.9	12,695
51. Muskogee County	12	16.9	1	1.4	71,116

(continued)

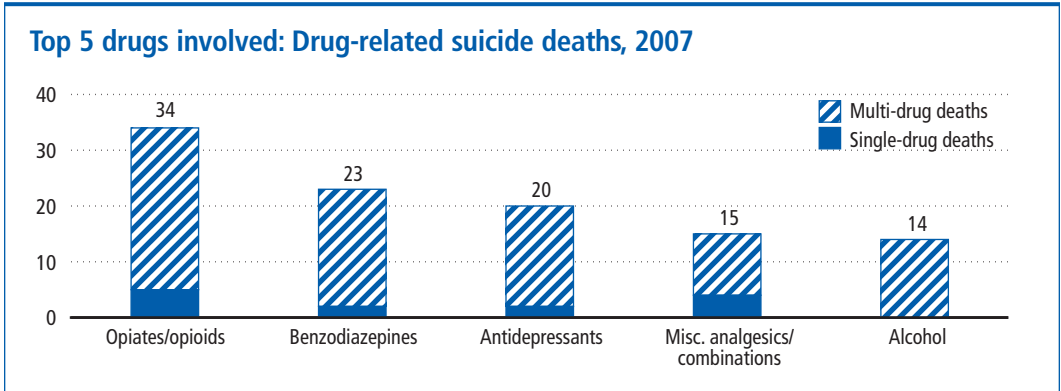
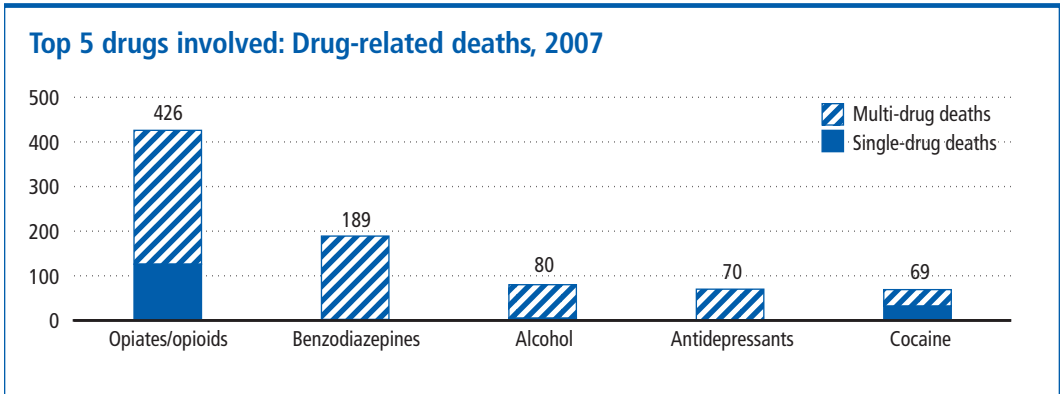
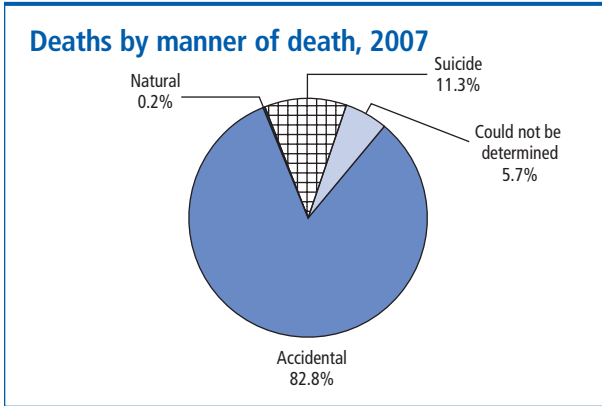
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies,
 SAMHSA, Drug Abuse Warning
 Network, 2007 (08/2008 update).



State overview: Deaths and population by county, 2007 (continued)

Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
52. Noble County	1	9.0	0	0.0	11,124
53. Nowata County	2	18.7	1	9.3	10,723
54. Okfuskee County	3	26.7	0	0.0	11,248
55. Oklahoma County	142	20.2	14	2.0	701,807
56. Okmulgee County	4	10.2	2	5.1	39,300
57. Osage County	4	8.8	1	2.2	45,523
58. Ottawa County	2	6.2	1	3.1	32,474
59. Pawnee County	2	12.2	0	0.0	16,447
60. Payne County	5	6.3	1	1.3	79,931
61. Pittsburg County	8	17.9	0	0.0	44,711
62. Pontotoc County	6	16.4	1	2.7	36,571
63. Pottawatomie County	9	13.0	1	1.4	69,038
64. Pushmataha County	0	0.0	0	0.0	11,666
65. Roger Mills County	0	0.0	0	0.0	3,308
66. Rogers County	9	10.8	2	2.4	83,105
67. Seminole County	3	12.4	0	0.0	24,179
68. Sequoyah County	6	14.6	0	0.0	41,024
69. Stephens County	7	16.2	1	2.3	43,322
70. Texas County	2	10.0	0	0.0	20,032
71. Tillman County	0	0.0	0	0.0	8,148
72. Tulsa County	142	24.3	17	2.9	585,068
73. Wagoner County	14	20.8	0	0.0	67,239
74. Washington County	3	6.0	1	2.0	49,888
75. Washita County	1	8.6	0	0.0	11,667
76. Woods County	0	0.0	0	0.0	8,319
77. Woodward County	0	0.0	0	0.0	19,505



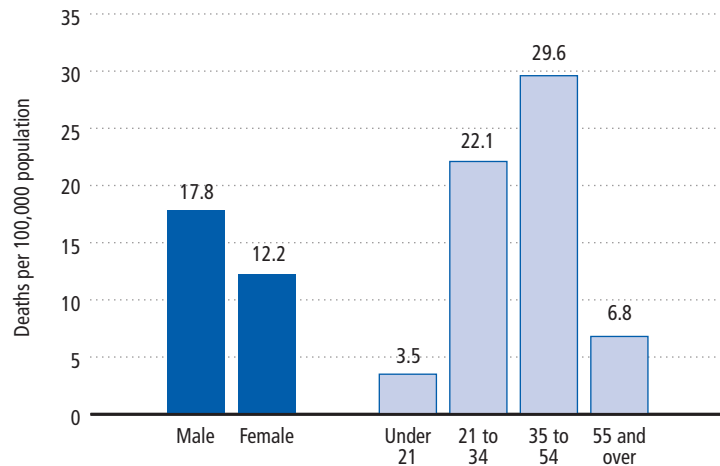
Oklahoma

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.

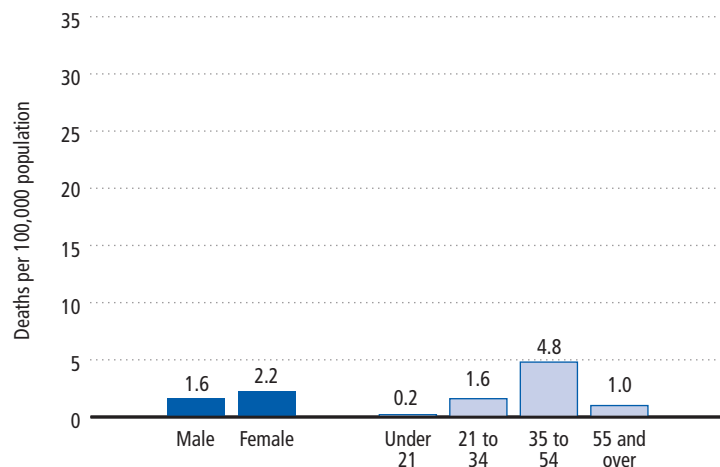
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Oklahoma

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	147	Health care facility	17
Home	346	Home	43
Public place	17	Public place	4
Other	31	Other	5
Not documented	--	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	300	542	199	44	69	22
Alcohol*	53	80	5	9	14	0
Cocaine	33	69	32	0	0	0
Marijuana	0	0	0	0	0	0
Stimulants	26	39	12	0	--	0
Club drugs†	0	4	--	0	0	0
Hallucinogens††	0	--	--	0	0	0
Inhalants	0	7	6	0	--	--
Antidepressants	47	70	--	21	20	--
Antipsychotics	10	12	--	--	8	--
Benzodiazepines	110	189	--	8	23	--
Misc. anxiolytics, sedatives, and hypnotics	25	29	--	8	8	0
Opiates/opioids	237	426	126	14	34	5
Heroin (specified)	--	--	--	0	0	0
Methadone	95	163	56	--	5	--
All other opiates/opioids	160	296	69	12	30	4
Nonsteroidal anti-inflammatory agents	--	4	0	0	0	0
Salicylates/combinations	--	--	0	--	--	--
Misc. analgesics/combinations	24	29	8	8	15	4
Anticonvulsants	11	10	0	--	4	0
Muscle relaxants	38	42	0	--	8	--

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

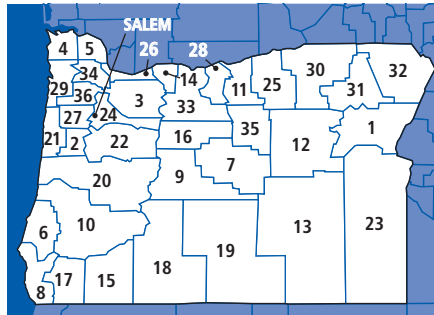
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† 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, 2007 (08/2008 update).

Oregon

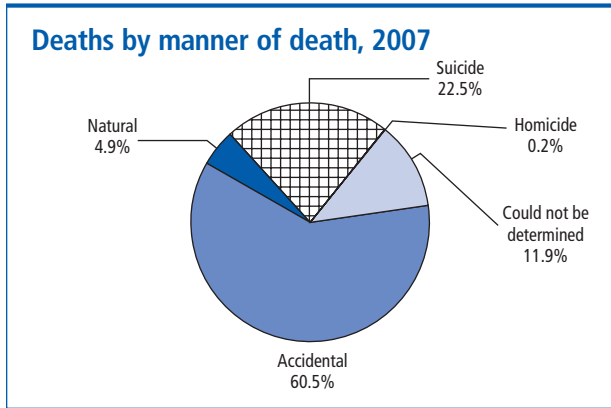


Deaths reported to DAWN
 Drug-related 379
 Drug-related suicide 110

State population, 2007
 3,747,455

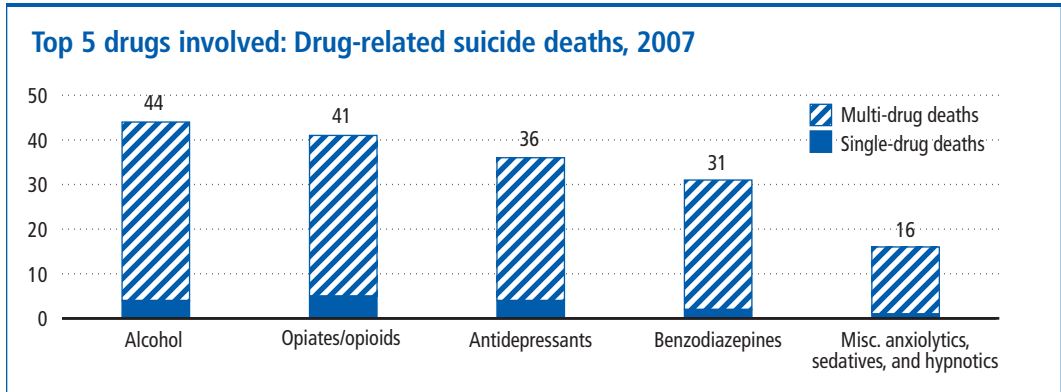
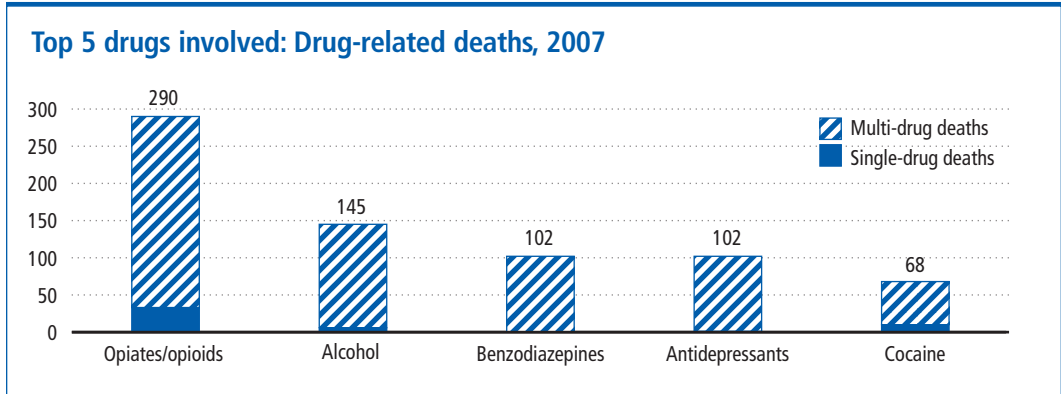
Population covered by DAWN
 3,747,455

Percent of population covered by DAWN
 100%



State overview: Deaths and population by county, 2007

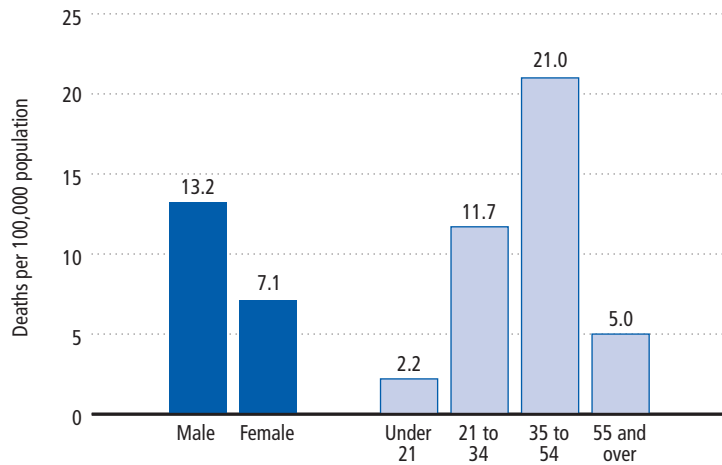
Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (36)	379	10.1	110	2.9	3,747,455
1. Baker County	2	12.6	0	0.0	15,924
2. Benton County	1	1.2	2	2.5	81,428
3. Clackamas County	14	3.7	7	1.9	376,251
4. Clatsop County	6	16.1	2	5.4	37,364
5. Columbia County	2	4.1	0	0.0	48,996
6. Coos County	10	15.7	6	9.4	63,505
7. Crook County	0	0.0	2	8.7	22,906
8. Curry County	3	13.8	0	0.0	21,767
9. Deschutes County	14	9.1	4	2.6	154,028
10. Douglas County	15	14.4	5	4.8	104,119
11. Gilliam County	0	0.0	0	0.0	1,690
12. Grant County	1	14.5	0	0.0	6,904
13. Harney County	0	0.0	0	0.0	6,767
14. Hood River County	0	0.0	1	4.7	21,296
15. Jackson County	24	12.0	15	7.5	199,295
16. Jefferson County	1	4.8	0	0.0	20,687
17. Josephine County	6	7.4	2	2.5	81,056
18. Klamath County	1	1.5	0	0.0	66,512
19. Lake County	1	13.7	0	0.0	7,277
20. Lane County	33	9.6	5	1.5	343,591
21. Lincoln County	6	13.1	3	6.5	45,866
22. Linn County	8	7.1	3	2.6	113,264
23. Malheur County	1	3.2	0	0.0	31,135
24. Marion County	28	9.0	8	2.6	311,449
25. Morrow County	0	0.0	0	0.0	11,199
26. Multnomah County	161	22.9	23	3.3	701,986
27. Polk County	7	9.3	6	8.0	75,265
28. Sherman County	0	0.0	0	0.0	1,677
29. Tillamook County	2	8.0	3	12.0	25,038
30. Umatilla County	3	4.1	0	0.0	73,491
31. Union County	1	4.0	1	4.0	24,753
32. Wallowa County	2	29.6	0	0.0	6,759
33. Wasco County	0	0.0	0	0.0	23,762
34. Washington County	25	4.8	11	2.1	522,514
35. Wheeler County	1	73.5	0	0.0	1,361
36. Yamhill County	0	0.0	1	1.0	96,573



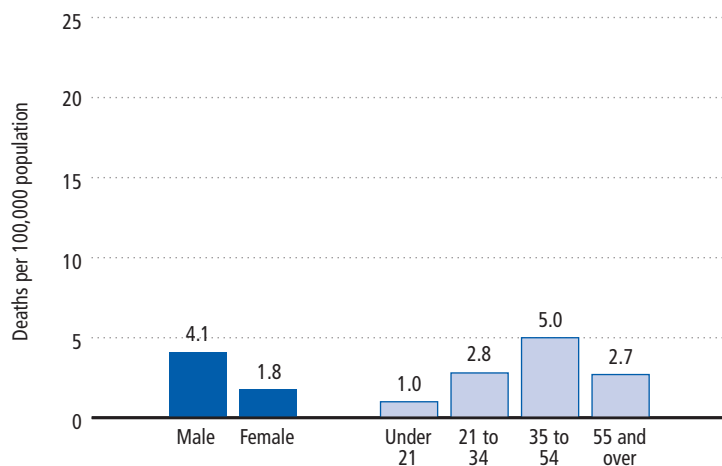
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

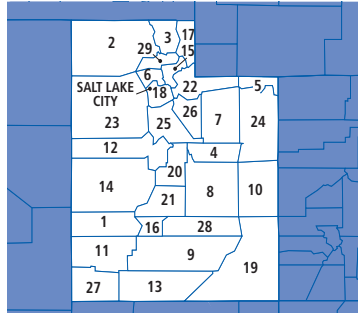
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	57	Health care facility	15
Home	191	Home	73
Public place	30	Public place	7
Other	101	Other	15
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS		379	59		110	31
Alcohol*		145	6		44	4
Cocaine		68	10		4	0
Marijuana		66	--		12	0
Stimulants		59	--		12	6
Club drugs†		--	0		--	0
Hallucinogens††		--	0		0	0
Inhalants		4	--		4	--
Antidepressants		102	--		36	4
Antipsychotics		15	0		13	--
Benzodiazepines		102	0		31	--
Misc. anxiolytics, sedatives, and hypnotics		41	0		16	--
Opiates/opioids		290	33		41	5
Heroin (specified)		101	17		--	--
Methadone		110	7		6	0
All other opiates/opioids		141	9		35	4
Nonsteroidal anti-inflammatory agents		--	0		0	0
Salicylates/combinations		0	0		--	--
Misc. analgesics/combinations		15	0		6	--
Anticonvulsants		19	0		--	0
Muscle relaxants		21	0		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.

Utah



Deaths reported to DAWN
 Drug-related 465
 Drug-related suicide 52

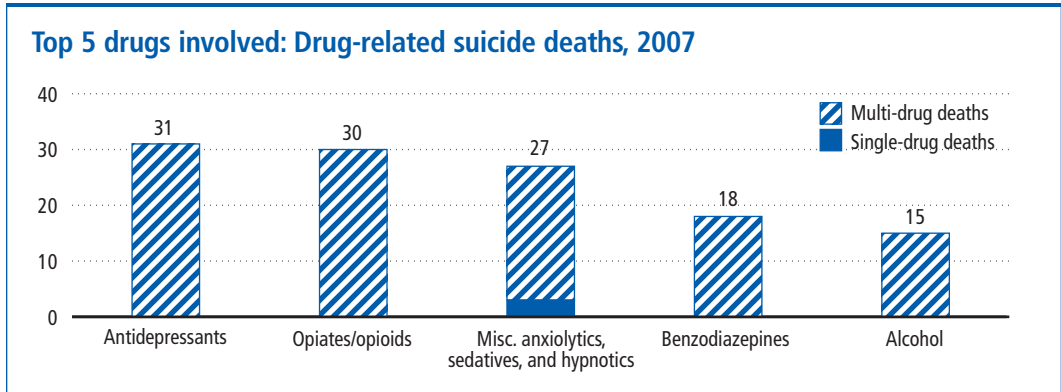
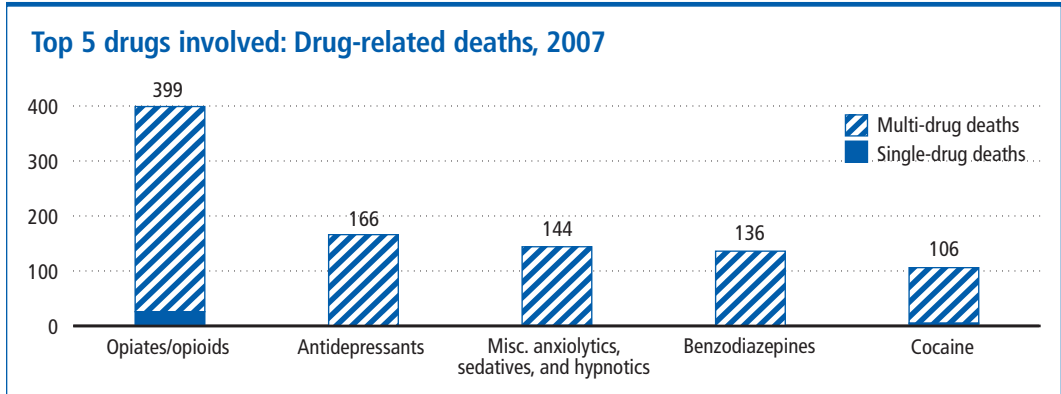
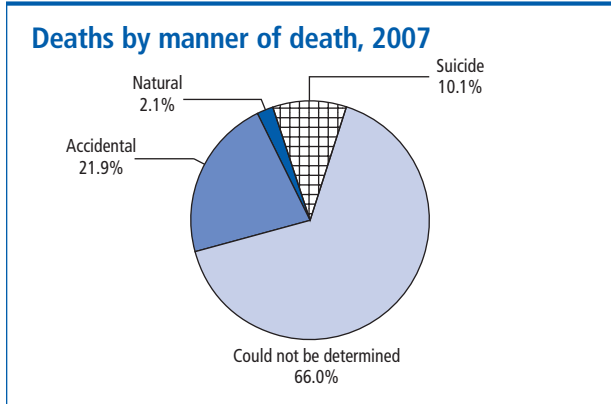
State population, 2007
 2,645,330

Population covered by DAWN
 2,645,330

Percent of population covered by DAWN
 100%

State overview: Deaths and population by county, 2007

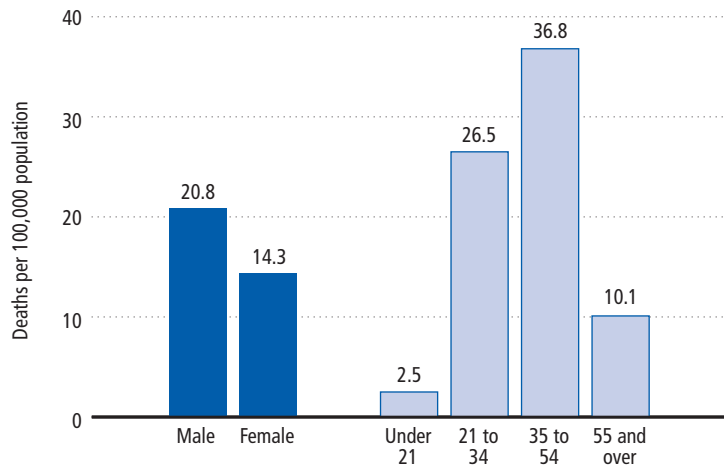
Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (29)	465	17.6	52	2.0	2,645,330
1. Beaver County	2	32.8	1	16.4	6,090
2. Box Elder County	9	18.8	0	0.0	47,846
3. Cache County	10	9.2	0	0.0	108,887
4. Carbon County	5	25.5	1	5.1	19,634
5. Daggett County	2	215.7	0	0.0	927
6. Davis County	36	12.5	7	2.4	288,146
7. Duchesne County	3	18.5	0	0.0	16,216
8. Emery County	5	48.1	0	0.0	10,399
9. Garfield County	1	22.1	0	0.0	4,529
10. Grand County	3	33.2	0	0.0	9,023
11. Iron County	8	18.4	1	2.3	43,526
12. Juab County	4	41.6	0	0.0	9,604
13. Kane County	2	30.7	0	0.0	6,523
14. Millard County	2	16.7	0	0.0	11,949
15. Morgan County	0	0.0	0	0.0	8,357
16. Piute County	0	0.0	0	0.0	1,341
17. Rich County	0	0.0	0	0.0	2,094
18. Salt Lake County	207	20.5	25	2.5	1,009,518
19. San Juan County	1	6.9	0	0.0	14,484
20. Sanpete County	1	4.1	0	0.0	24,644
21. Sevier County	2	10.2	0	0.0	19,702
22. Summit County	5	14.1	0	0.0	35,541
23. Tooele County	10	18.2	2	3.6	54,914
24. Uintah County	3	10.3	0	0.0	29,042
25. Utah County	78	16.1	3	0.6	483,702
26. Wasatch County	5	24.3	0	0.0	20,535
27. Washington County	14	10.5	5	3.7	133,791
28. Wayne County	1	39.7	0	0.0	2,520
29. Weber County	46	20.7	7	3.2	221,846



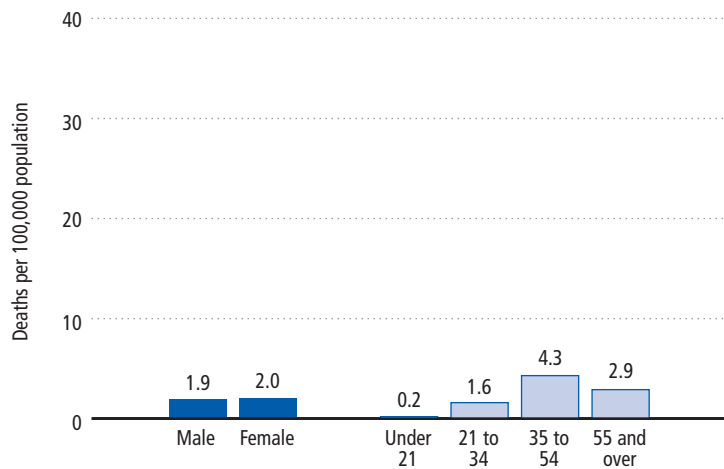
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

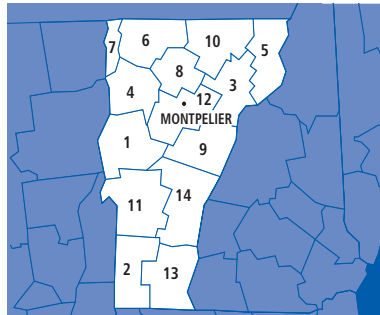
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	118	Health care facility	12
Home	283	Home	30
Public place	16	Public place	6
Other	47	Other	--
Not documented	--	Not documented	--

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	406	465	38	61	52	--
Alcohol*	68	79	--	19	15	--
Cocaine	116	106	5	--	--	--
Marijuana	73	86	0	--	4	--
Stimulants	62	49	4	6	--	--
Club drugs†	--	--	0	0	0	--
Hallucinogens††	0	0	0	0	0	--
Inhalants	5	4	0	0	0	--
Antidepressants	161	166	0	36	31	--
Antipsychotics	19	34	0	8	8	--
Benzodiazepines	139	136	0	20	18	--
Misc. anxiolytics, sedatives, and hypnotics	113	144	--	30	27	--
Opiates/opioids	355	399	26	29	30	--
Heroin (specified)	25	46	0	0	--	--
Methadone	122	103	12	5	4	--
All other opiates/opioids	270	343	14	26	28	--
Nonsteroidal anti-inflammatory agents	--	--	0	--	0	--
Salicylates/combinations	0	--	0	--	0	--
Misc. analgesics/combinations	35	38	0	13	10	--
Anticonvulsants	19	25	0	9	6	--
Muscle relaxants	58	58	0	8	13	--

* 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 63
 Drug-related suicide 17

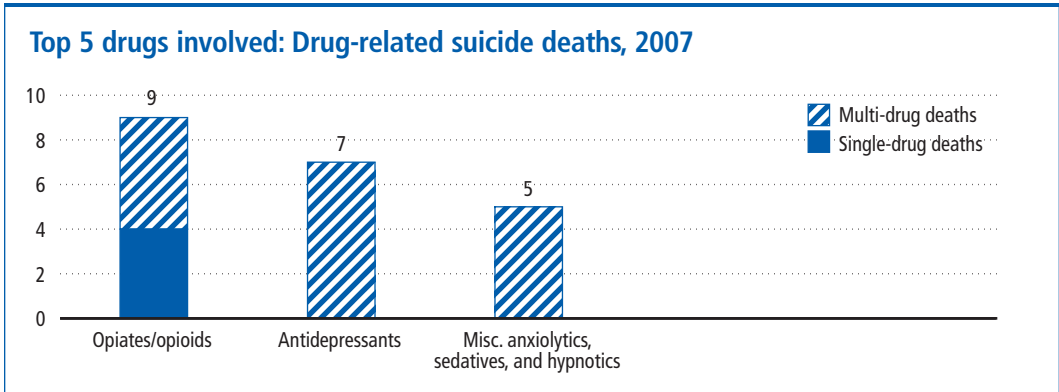
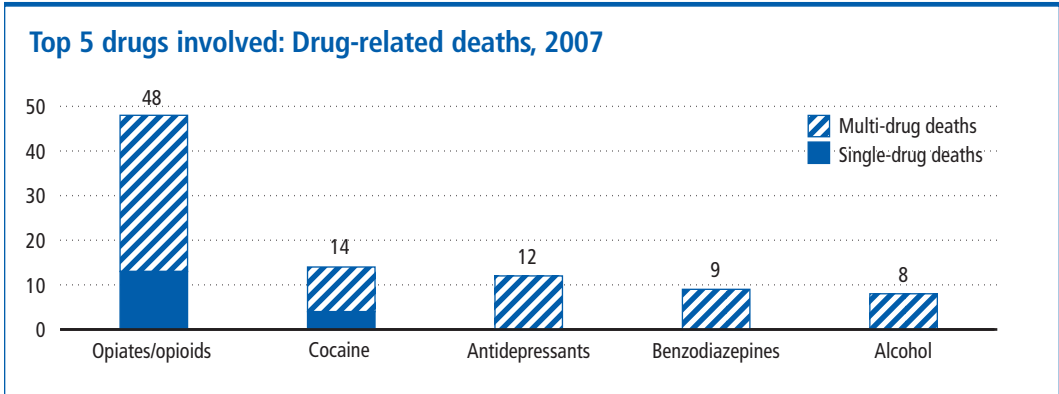
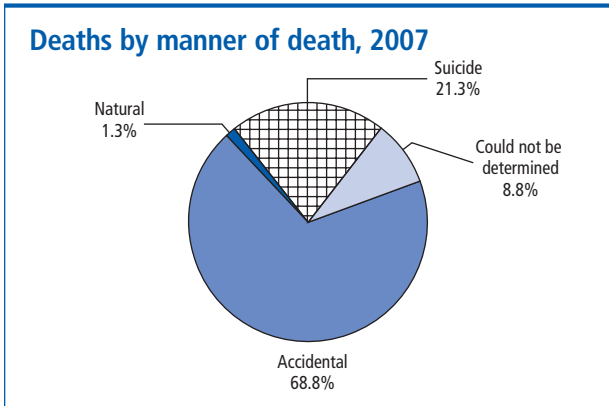
State population, 2007
 621,254

Population covered by DAWN
 621,254

Percent of population covered by DAWN
 100%

State overview: Deaths and population by county, 2007

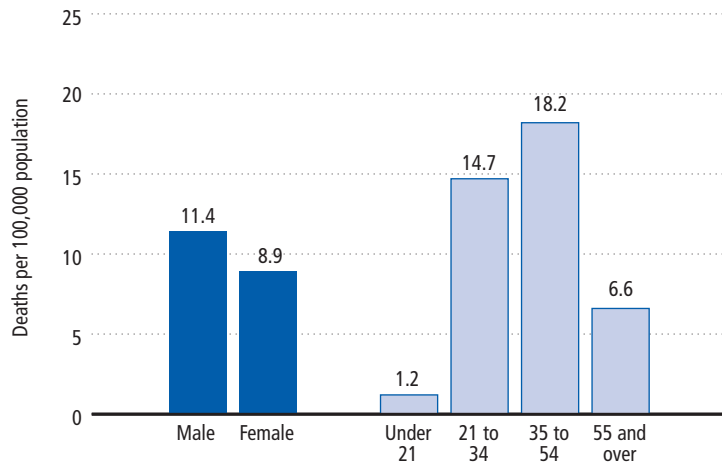
Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (14)	63	10.1	17	2.7	621,254
1. Addison County	3	8.2	2	5.4	36,760
2. Bennington County	1	2.7	1	2.7	36,452
3. Caledonia County	1	3.3	2	6.5	30,655
4. Chittenden County	15	9.9	4	2.6	151,826
5. Essex County	0	0.0	0	0.0	6,495
6. Franklin County	3	6.3	2	4.2	47,934
7. Grand Isle County	0	0.0	0	0.0	7,601
8. Lamoille County	2	8.1	0	0.0	24,676
9. Orange County	2	6.9	0	0.0	29,002
10. Orleans County	1	3.7	1	3.7	27,302
11. Rutland County	13	20.5	1	1.6	63,270
12. Washington County	7	11.9	2	3.4	58,926
13. Windham County	6	13.8	0	0.0	43,480
14. Windsor County	9	15.8	2	3.5	56,875



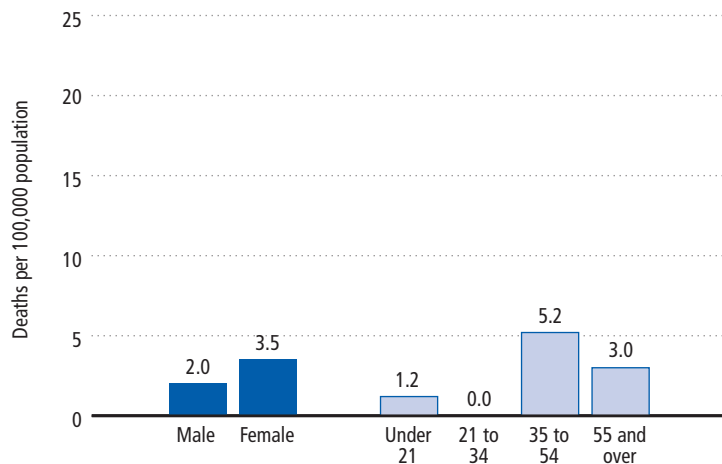
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

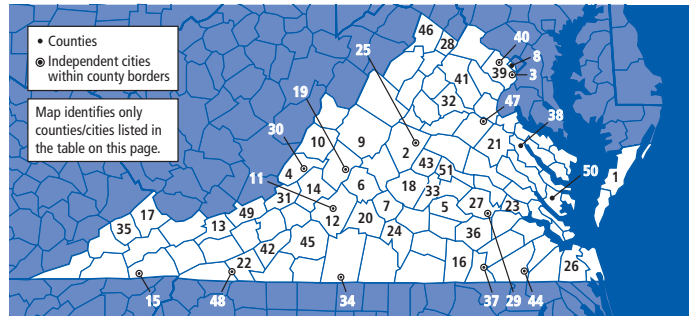
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	24	Health care facility	--
Home	28	Home	13
Public place	--	Public place	0
Other	10	Other	--
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	72	63	25	19	17	5
Alcohol*	16	8	0	5	--	0
Cocaine	17	14	4	--	--	0
Marijuana	0	0	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	--	--	--
Antidepressants	8	12	0	4	7	0
Antipsychotics	--	--	0	--	--	0
Benzodiazepines	11	9	0	--	--	0
Misc. anxiolytics, sedatives, and hypnotics	6	--	0	--	5	0
Opiates/opioids	56	48	13	7	9	4
Heroin (specified)	--	--	0	0	0	0
Methadone	28	19	8	--	0	0
All other opiates/opioids	31	37	5	7	9	4
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	0	0	--	--	0
Misc. analgesics/combinations	0	--	0	6	--	0
Anticonvulsants	--	--	0	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.

Virginia



Deaths reported to DAWN

Drug-related 453

Drug-related suicide 118

State population, 2007

7,712,091

Population covered by DAWN

7,712,091

Percent of population covered by DAWN

100%

State overview: Deaths and population by county, 2007

Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (132)	453	5.9	118	1.5	7,712,091
1. Accomack County	1	2.6	0	0.0	38,485
2. Albemarle County	1	1.1	0	0.0	93,117
3. Alexandria City	5	3.6	4	2.9	140,024
4. Alleghany County	1	6.1	0	0.0	16,387
5. Amelia County	0	0.0	0	0.0	12,686
6. Amherst County	3	9.3	0	0.0	32,223
7. Appomattox County	0	0.0	0	0.0	14,199
8. Arlington County	9	4.4	3	1.5	204,568
9. Augusta County	6	8.5	3	4.2	70,922
10. Bath County	0	0.0	0	0.0	4,635
11. Bedford City	1	15.9	0	0.0	6,286
12. Bedford County	0	0.0	0	0.0	66,750
13. Bland County	0	0.0	0	0.0	6,883
14. Botetourt County	0	0.0	0	0.0	32,005
15. Bristol City	2	11.4	0	0.0	17,593
16. Brunswick County	0	0.0	0	0.0	17,811
17. Buchanan County	10	41.8	0	0.0	23,900
18. Buckingham County	1	6.3	1	6.3	15,932
19. Buena Vista City	0	0.0	0	0.0	6,482
20. Campbell County	2	3.8	0	0.0	52,840
21. Caroline County	0	0.0	0	0.0	27,282
22. Carroll County	1	3.4	1	3.4	29,120
23. Charles City County	0	0.0	0	0.0	7,166
24. Charlotte County	0	0.0	0	0.0	12,333
25. Charlottesville City	8	19.4	3	7.3	41,228

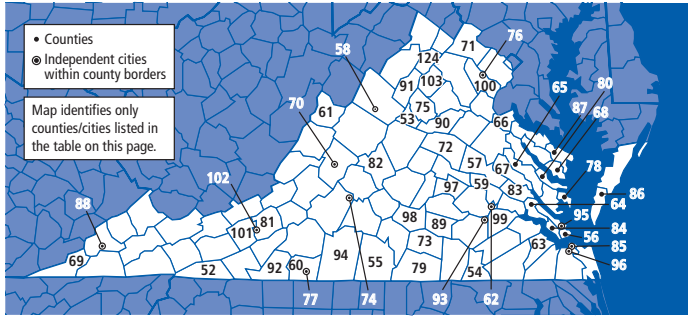
(continued)

Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
26. Chesapeake City	15	6.8	1	0.5	219,154
27. Chesterfield County	8	2.7	3	1.0	299,689
28. Clarke County	1	7.0	1	7.0	14,361
29. Colonial Heights City	0	0.0	0	0.0	17,796
30. Covington City	0	0.0	0	0.0	6,168
31. Craig County	0	0.0	0	0.0	5,141
32. Culpeper County	4	8.7	3	6.6	45,723
33. Cumberland County	0	0.0	0	0.0	9,626
34. Danville City	7	15.6	1	2.2	44,947
35. Dickenson County	9	55.7	1	6.2	16,168
36. Dinwiddie County	0	0.0	0	0.0	25,747
37. Emporia City	1	17.8	0	0.0	5,619
38. Essex County	0	0.0	0	0.0	10,862
39. Fairfax County	21	2.0	20	1.9	1,033,590
40. Falls Church City	0	0.0	0	0.0	10,948
41. Fauquier County	7	10.6	2	3.0	66,328
42. Floyd County	2	13.7	0	0.0	14,641
43. Fluvanna County	0	0.0	1	3.9	25,329
44. Franklin City	0	0.0	0	0.0	8,906
45. Franklin County	3	5.9	1	2.0	51,133
46. Frederick County	5	6.9	0	0.0	72,880
47. Fredericksburg City	1	4.5	1	4.5	22,410
48. Galax City	4	58.6	0	0.0	6,824
49. Giles County	2	11.6	0	0.0	17,228
50. Gloucester County	2	5.2	1	2.6	38,336
51. Goochland County	0	0.0	0	0.0	20,615

(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, 2007 (08/2008 update).



State overview: Deaths and population by county, 2007 (continued)

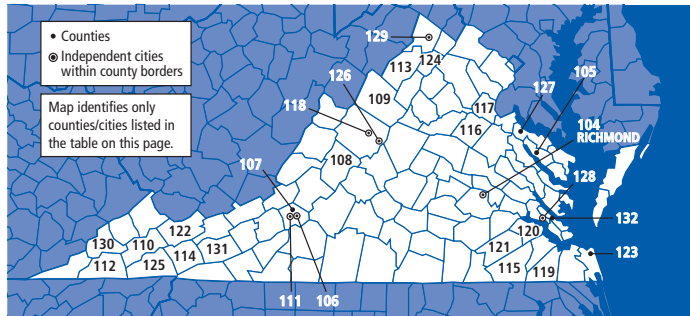
Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
52. Grayson County	0	0.0	0	0.0	16,072
53. Greene County	1	5.6	1	5.6	17,860
54. Greensville County	0	0.0	0	0.0	11,912
55. Halifax County	3	8.4	0	0.0	35,530
56. Hampton City	7	4.8	3	2.0	146,439
57. Hanover County	4	4.0	1	1.0	98,946
58. Harrisonburg City	3	6.8	0	0.0	44,039
59. Henrico County	9	3.1	2	0.7	289,822
60. Henry County	6	10.8	0	0.0	55,544
61. Highland County	0	0.0	0	0.0	2,446
62. Hopewell City	2	8.7	0	0.0	23,028
63. Isle of Wight County	1	2.9	1	2.9	35,035
64. James City County	2	3.3	1	1.6	61,195
65. King and Queen County	0	0.0	0	0.0	6,882
66. King George County	0	0.0	0	0.0	22,630
67. King William County	1	6.4	0	0.0	15,689
68. Lancaster County	0	0.0	0	0.0	11,532
69. Lee County	1	4.3	0	0.0	23,461
70. Lexington City	0	0.0	0	0.0	7,026
71. Loudoun County	9	3.2	3	1.1	278,797
72. Louisa County	0	0.0	1	3.1	31,961
73. Lunenburg County	0	0.0	0	0.0	13,018
74. Lynchburg City	7	9.8	1	1.4	71,282
75. Madison County	1	7.3	1	7.3	13,719
76. Manassas City	4	11.3	1	2.8	35,412
77. Martinsville City	3	20.6	0	0.0	14,578

(continued)

Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
78. Mathews County	0	0.0	0	0.0	9,041
79. Mecklenburg County	1	3.1	0	0.0	32,106
80. Middlesex County	0	0.0	0	0.0	10,637
81. Montgomery County	9	10.1	4	4.5	89,193
82. Nelson County	0	0.0	0	0.0	15,245
83. New Kent County	1	5.8	0	0.0	17,109
84. Newport News City	8	4.5	3	1.7	179,153
85. Norfolk County	32	13.6	4	1.7	235,747
86. Northampton County	0	0.0	1	7.5	13,401
87. Northumberland County	0	0.0	1	7.8	12,897
88. Norton City	2	53.7	1	26.9	3,724
89. Nottoway County	0	0.0	0	0.0	15,755
90. Orange County	2	6.2	1	3.1	32,492
91. Page County	0	0.0	2	8.3	24,142
92. Patrick County	1	5.3	0	0.0	18,870
93. Petersburg City	1	3.0	0	0.0	32,885
94. Pittsylvania County	1	1.6	0	0.0	60,826
95. Poquoson City	1	8.4	0	0.0	11,858
96. Portsmouth City	9	8.8	1	1.0	101,967
97. Powhatan County	0	0.0	0	0.0	27,817
98. Prince Edward County	0	0.0	0	0.0	21,360
99. Prince George County	0	0.0	2	5.6	35,886
100. Prince William County	15	4.0	9	2.4	371,837
101. Pulaski County	9	25.7	0	0.0	35,060
102. Radford City	1	6.2	0	0.0	16,133
103. Rappahannock County	0	0.0	0	0.0	7,199

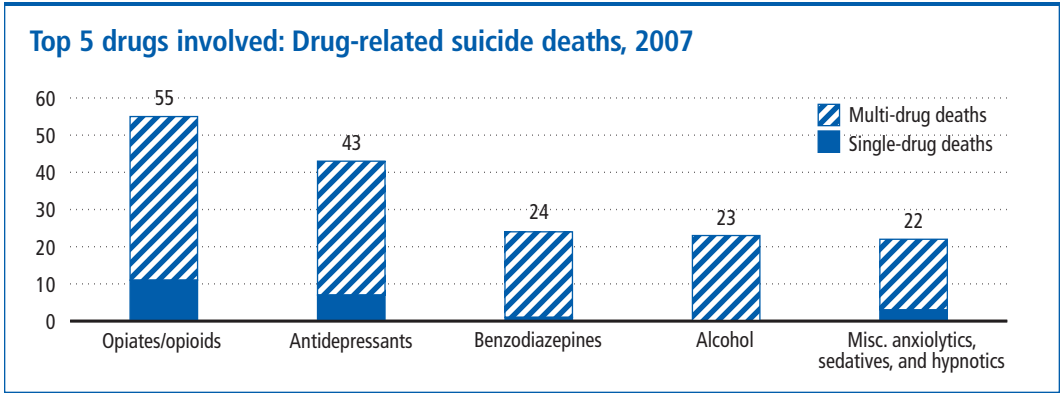
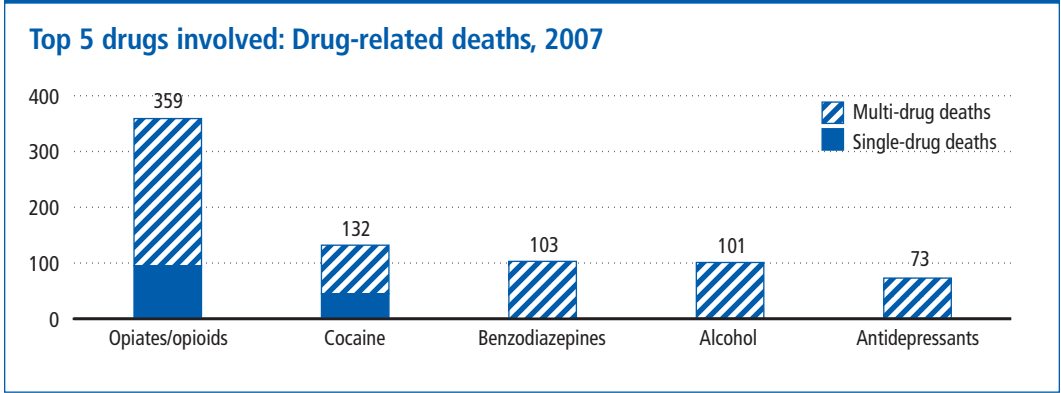
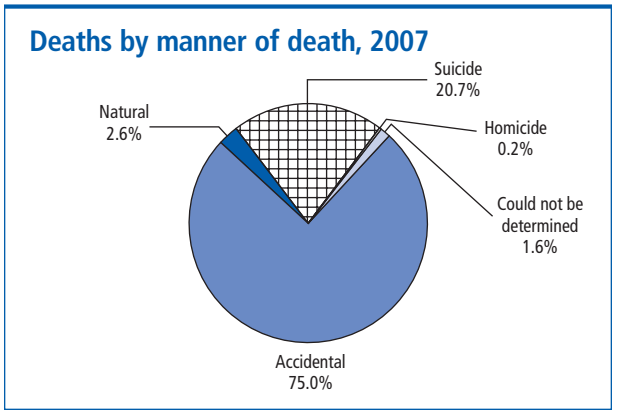
(continued)

Virginia



State overview: Deaths and population by county, 2007 (continued)

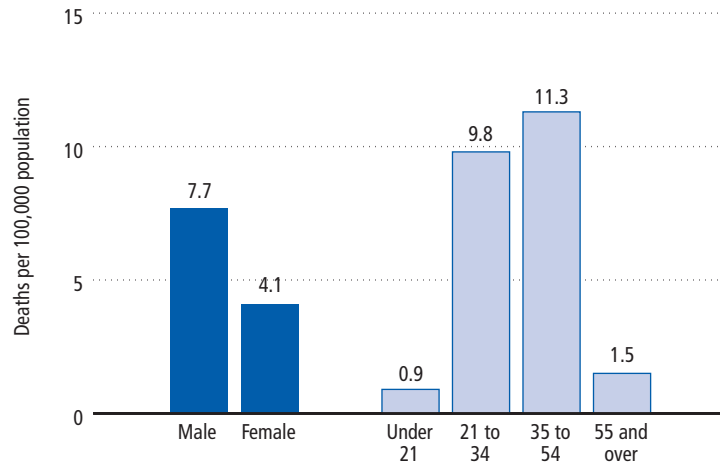
Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
104. Richmond City	25	12.5	3	1.5	200,123
105. Richmond County	0	0.0	0	0.0	9,171
106. Roanoke City	12	13.0	4	4.3	92,600
107. Roanoke County	5	5.5	0	0.0	90,420
108. Rockbridge County	0	0.0	0	0.0	21,498
109. Rockingham County	2	2.7	1	1.4	73,524
110. Russell County	11	38.1	0	0.0	28,838
111. Salem City	1	4.0	1	4.0	25,233
112. Scott County	3	13.2	1	4.4	22,787
113. Shenandoah County	0	0.0	0	0.0	40,403
114. Smyth County	1	3.1	0	0.0	32,050
115. Southampton County	5	28.3	0	0.0	17,654
116. Spotsylvania County	4	3.4	1	0.8	119,194
117. Stafford County	7	5.8	1	0.8	120,723
118. Staunton City	0	0.0	1	4.2	23,834
119. Suffolk City	2	2.5	0	0.0	81,332
120. Surry County	1	14.1	0	0.0	7,089
121. Sussex County	0	0.0	0	0.0	12,222
122. Tazewell County	8	18.2	0	0.0	43,855
123. Virginia Beach City	30	6.9	5	1.2	434,743
124. Warren County	3	8.3	1	2.8	36,294
125. Washington County	3	5.7	2	3.8	52,733
126. Waynesboro City	1	4.6	0	0.0	21,656
127. Westmoreland County	1	5.8	0	0.0	17,252
128. Williamsburg City	0	0.0	0	0.0	12,434
129. Winchester City	2	7.8	1	3.9	25,733
130. Wise County	21	50.4	0	0.0	41,666
131. Wythe County	5	17.5	0	0.0	28,538
132. York County	0	0.0	0	0.0	61,271



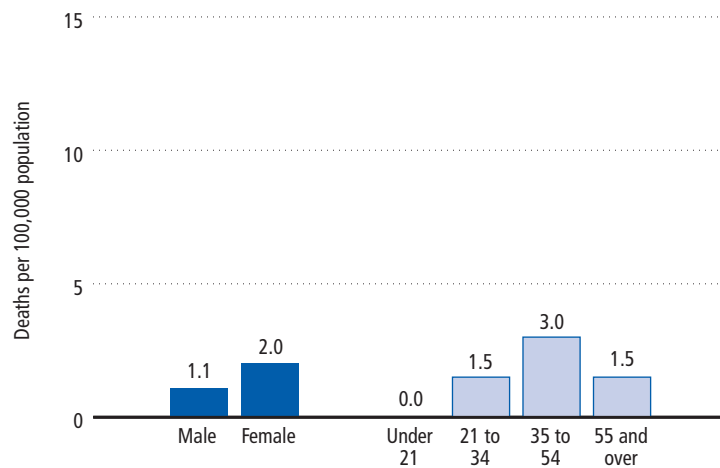
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	136	Health care facility	26
Home	247	Home	73
Public place	20	Public place	6
Other	49	Other	13
Not documented	--	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS		453	155		118	37
Alcohol*		101	--		23	0
Cocaine		132	45		6	0
Marijuana		--	0		0	0
Stimulants		9	--		--	0
Club drugs†		--	0		0	0
Hallucinogens††		4	--		0	0
Inhalants		4	--		--	--
Antidepressants		73	--		43	7
Antipsychotics		13	--		21	6
Benzodiazepines		103	0		24	--
Misc. anxiolytics, sedatives, and hypnotics		31	0		22	--
Opiates/opioids		359	95		55	11
Heroin (specified)		71	25		--	0
Methadone		118	38		9	--
All other opiates/opioids		209	32		47	9
Nonsteroidal anti-inflammatory agents		0	0		0	0
Salicylates/combinations		--	0		--	--
Misc. analgesics/combinations		16	0		14	--
Anticonvulsants		5	0		0	0
Muscle relaxants		24	--		6	0

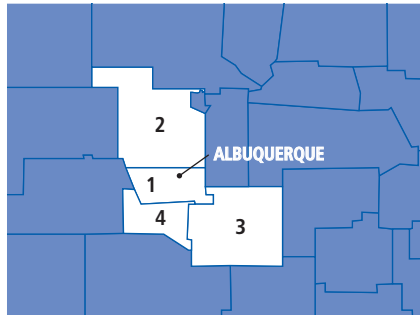
* Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.

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

†† Includes PCP, LSD, and miscellaneous hallucinogens.

METROPOLITAN AREA PROFILES

Albuquerque, NM



Deaths reported to DAWN
 Drug-related 215
 Drug-related suicide 31

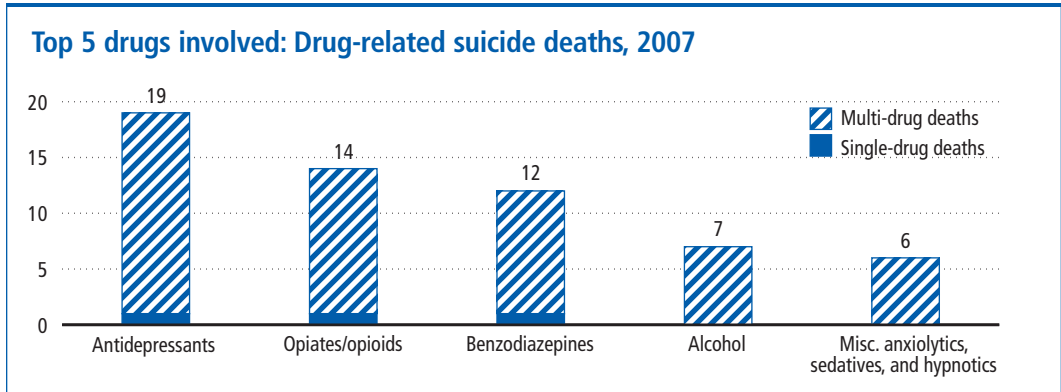
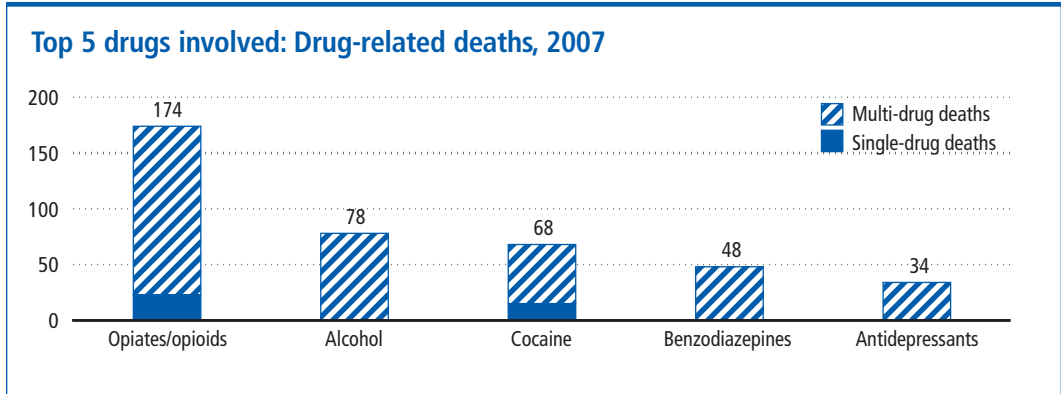
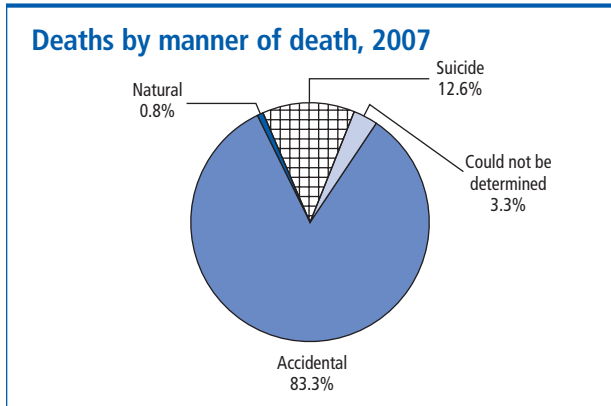
Metro area population, 2007
 835,120

Population covered by DAWN
 835,120

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2007

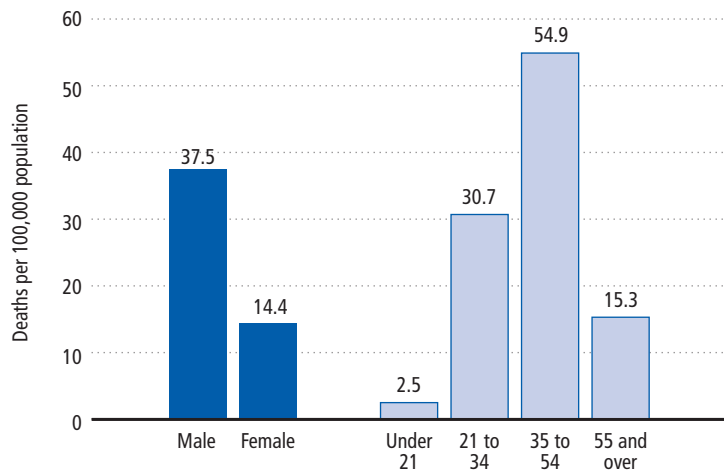
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (4)	215	25.7	31	3.7	835,120
1. Bernalillo County, NM	188	29.9	27	4.3	629,292
2. Sandoval County, NM	10	8.5	1	0.8	117,866
3. Torrance County, NM	2	12.0	0	0.0	16,598
4. Valencia County, NM	15	21.0	3	4.2	71,364



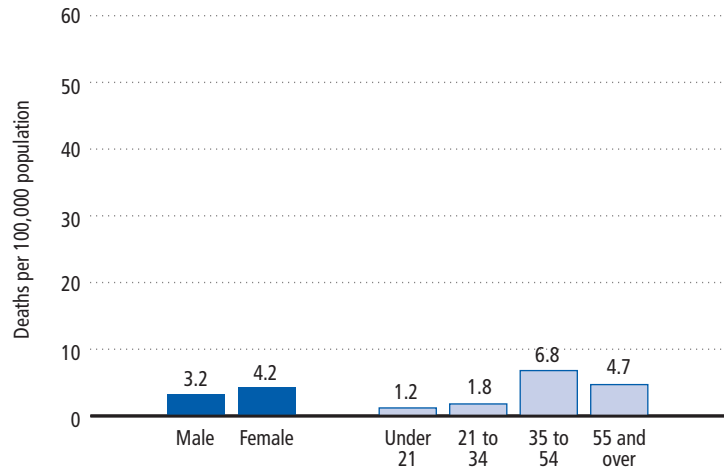
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	40	Health care facility	7
Home	121	Home	22
Public place	14	Public place	--
Other	40	Other	--
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	212	215	42	30	31	5
Alcohol*	69	78	0	8	7	0
Cocaine	77	68	15	5	--	0
Marijuana	5	10	0	0	0	0
Stimulants	18	24	--	0	--	0
Club drugs†	0	--	0	0	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	--	--	0	0	0	0
Antidepressants	24	34	0	12	19	--
Antipsychotics	7	7	0	4	5	0
Benzodiazepines	41	48	0	9	12	--
Misc. anxiolytics, sedatives, and hypnotics	6	25	0	--	6	0
Opiates/opioids	155	174	23	15	14	--
Heroin (specified)	59	27	5	--	--	0
Methadone	32	33	4	--	0	0
All other opiates/opioids	74	137	14	11	13	--
Nonsteroidal anti-inflammatory agents	0	--	0	0	0	0
Salicylates/combinations	--	0	0	0	--	--
Misc. analgesics/combinations	--	21	--	--	5	0
Anticonvulsants	13	--	0	--	4	0
Muscle relaxants	6	16	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

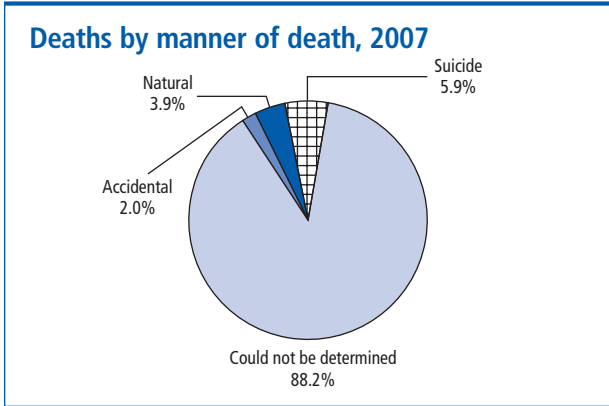


Deaths reported to DAWN
 Drug-related 556
 Drug-related suicide 35

Metro area population, 2007
 2,668,056

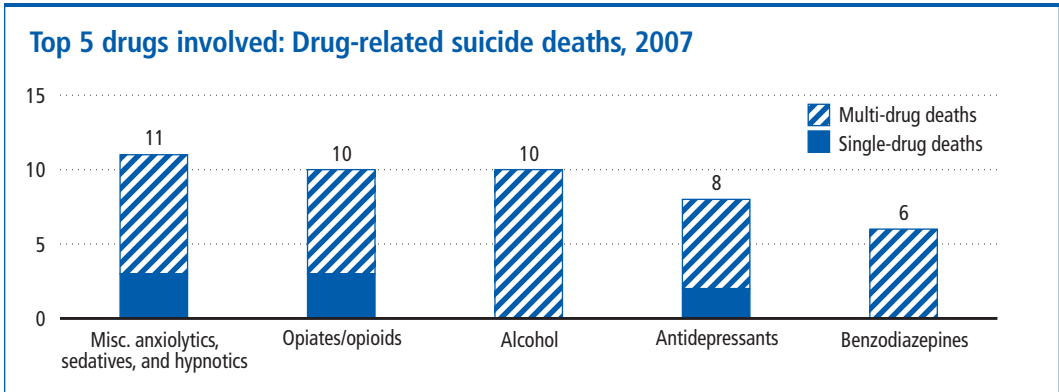
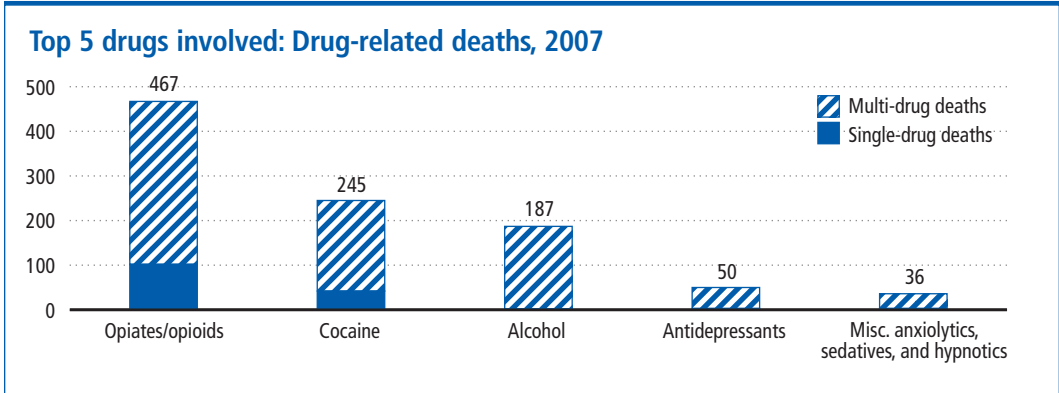
Population covered by DAWN
 2,668,056

Percent of population covered by DAWN
 100%



Metro area overview: Deaths and population by county, 2007

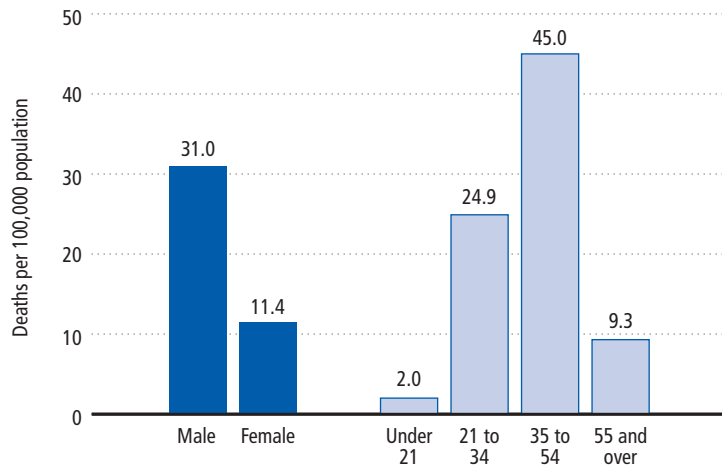
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (7)	556	20.8	35	1.3	2,668,056
1. Anne Arundel County, MD	63	12.3	8	1.6	512,154
2. Baltimore City, MD	318	49.9	11	1.7	637,455
3. Baltimore County, MD	108	13.7	7	0.9	788,994
4. Carroll County, MD	12	7.1	4	2.4	169,220
5. Harford County, MD	32	13.3	2	0.8	239,993
6. Howard County, MD	17	6.2	3	1.1	273,669
7. Queen Anne's County, MD	6	12.9	0	0.0	46,571



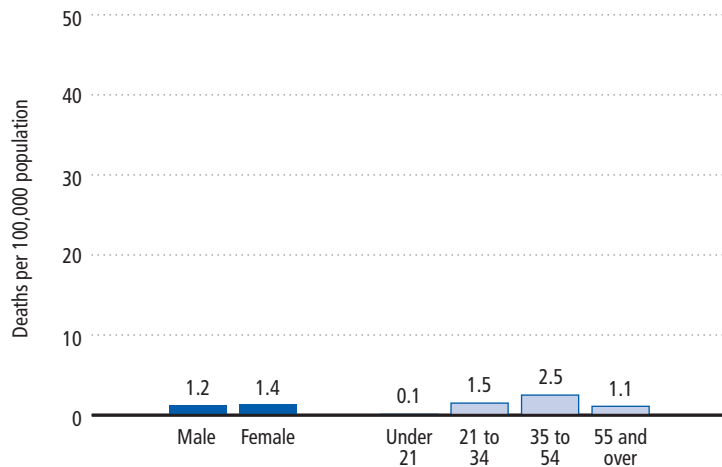
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	243	Health care facility	12
Home	213	Home	19
Public place	7	Public place	0
Other	93	Other	4
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	526	556	156	35	35	11
Alcohol*	199	187	--	13	10	0
Cocaine	248	245	42	5	4	0
Marijuana	--	--	0	0	0	0
Stimulants	--	0	0	0	0	0
Club drugs†	--	--	0	0	0	0
Hallucinogens††	--	0	0	0	--	0
Inhalants	--	0	0	0	0	0
Antidepressants	34	50	--	9	8	--
Antipsychotics	12	16	--	--	--	0
Benzodiazepines	11	27	0	5	6	0
Misc. anxiolytics, sedatives, and hypnotics	17	36	--	6	11	--
Opiates/opioids	422	467	102	14	10	--
Heroin (specified)	12	118	12	0	0	0
Methadone	136	156	49	0	--	0
All other opiates/opioids	329	284	41	14	8	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	--	0	0	--	0	0
Misc. analgesics/combinations	21	25	--	4	--	0
Anticonvulsants	5	--	0	--	--	0
Muscle relaxants	--	14	--	--	--	--

* 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

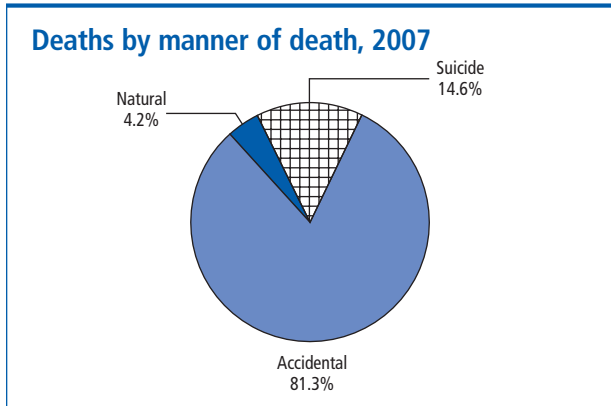


Deaths reported to DAWN
 Drug-related 41
 Drug-related suicide 7

Metro area population, 2007
 222,175

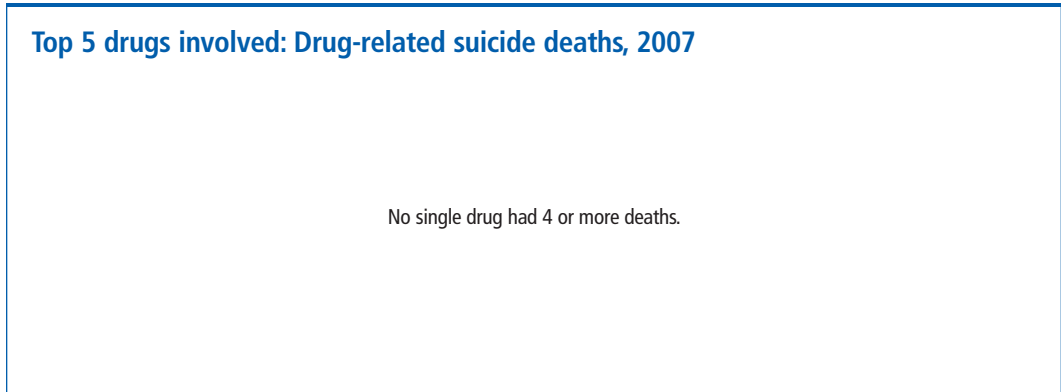
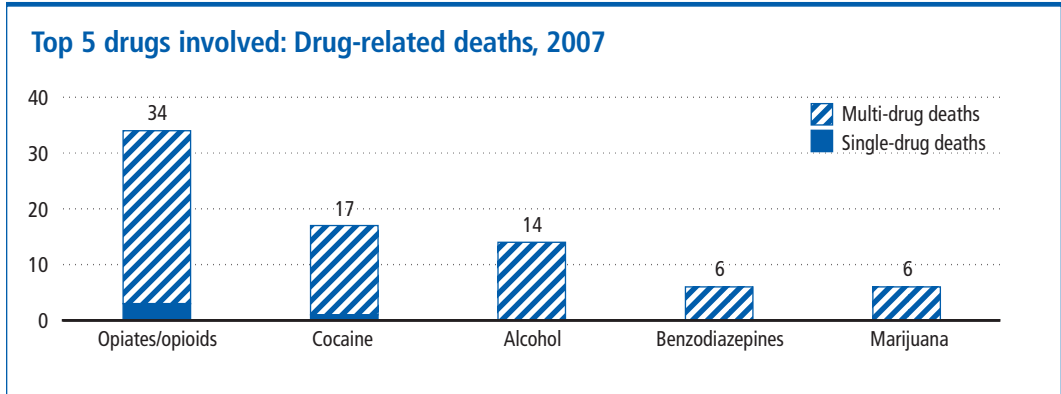
Population covered by DAWN
 222,175

Percent of population covered by DAWN
 100%



Metro area overview: Deaths and population by county, 2007

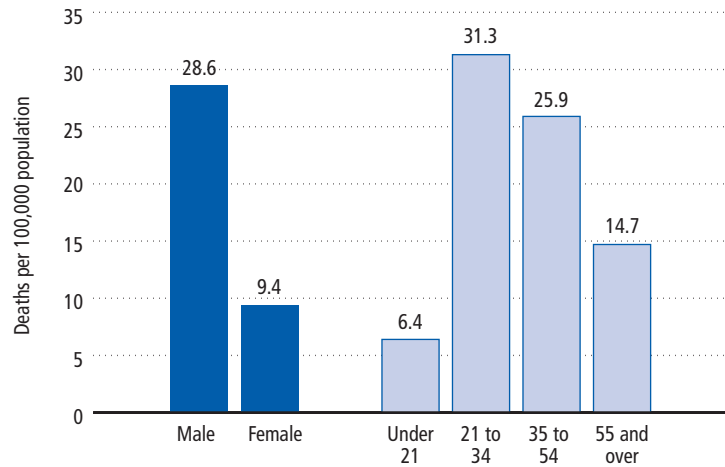
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	41	18.5	7	3.2	222,175
1. Barnstable County, MA	41	18.5	7	3.2	222,175



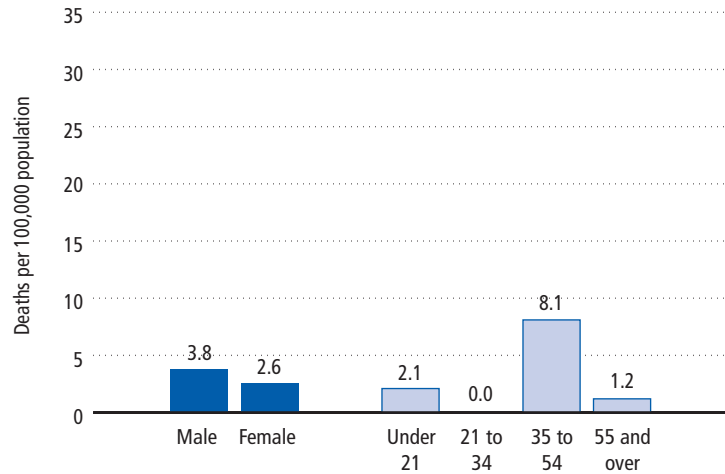
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

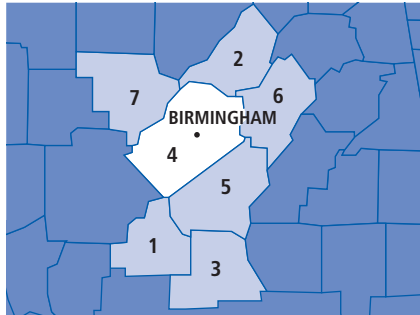
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	13	Health care facility	--
Home	19	Home	--
Public place	4	Public place	0
Other	5	Other	--
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	35	41	6	7	7	--
Alcohol*	9	14	0	4	--	--
Cocaine	15	17	--	--	--	--
Marijuana	0	6	0	0	--	--
Stimulants	0	--	0	0	--	--
Club drugs†	0	0	0	--	0	--
Hallucinogens††	0	0	0	0	0	--
Inhalants	--	--	0	--	0	--
Antidepressants	5	5	--	0	--	--
Antipsychotics	4	0	0	0	--	--
Benzodiazepines	0	6	0	0	--	--
Misc. anxiolytics, sedatives, and hypnotics	--	--	0	--	--	--
Opiates/opioids	22	34	--	4	--	--
Heroin (specified)	--	--	0	0	0	--
Methadone	9	7	0	0	0	--
All other opiates/opioids	14	27	--	4	--	--
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.

Birmingham-Hoover, AL



Deaths reported to DAWN
 Drug-related 115
 Drug-related suicide 7

Metro area population, 2007
 1,108,210

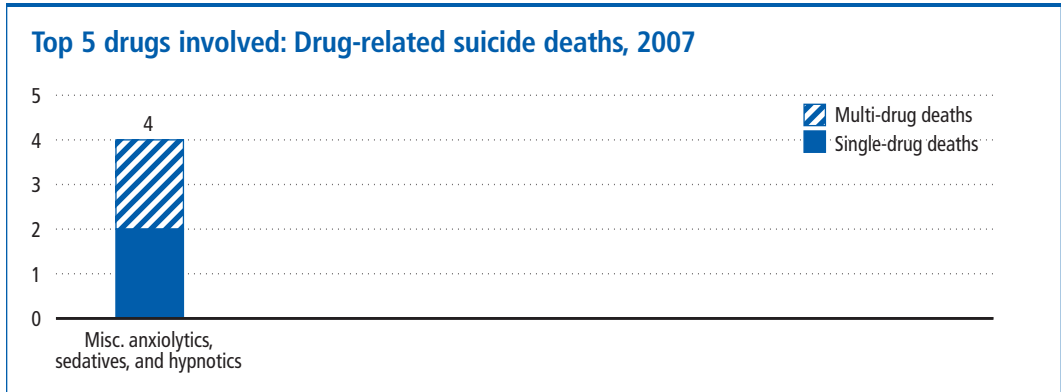
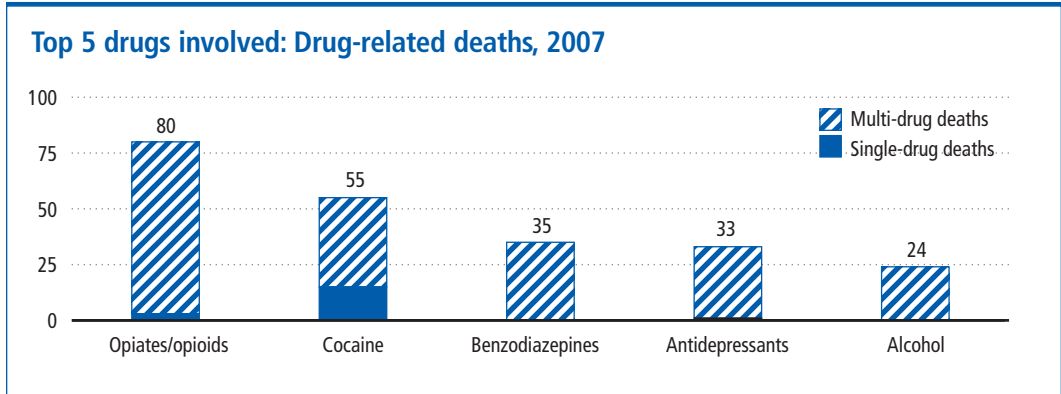
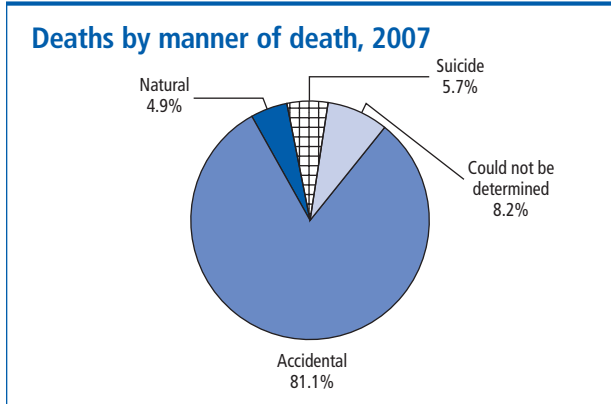
Population covered by DAWN
 658,779

Percent of population covered by DAWN
 59%

Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	115	17.5	7	1.1	658,779
1. Bibb County, AL					21,535
2. Blount County, AL					56,614
3. Chilton County, AL					42,299
4. Jefferson County, AL	115	17.5	7	1.1	658,779
5. Shelby County, AL					182,113
6. St. Clair County, AL					78,054
7. Walker County, AL					68,816

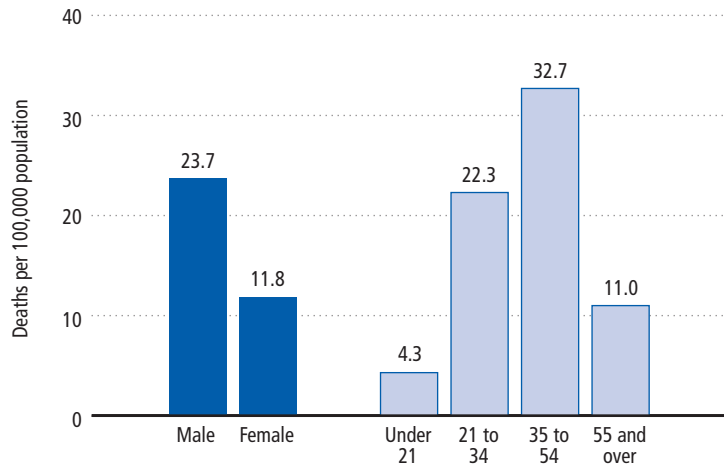
Shaded areas did not participate in DAWN this year.



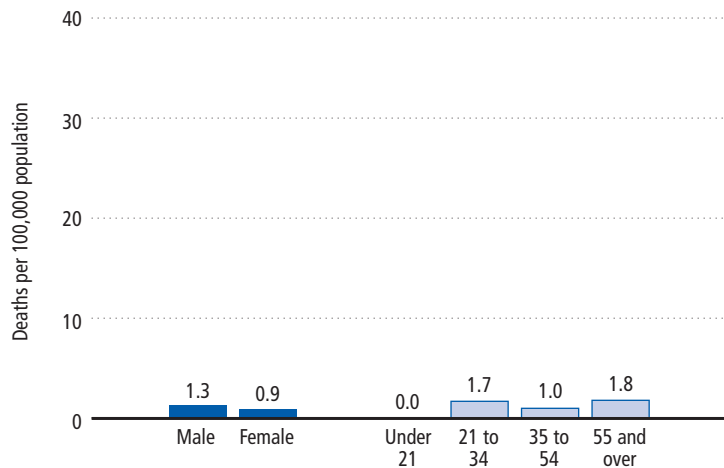
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	17	Health care facility	--
Home	62	Home	5
Public place	16	Public place	0
Other	20	Other	0
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	115	115	20	9	7	--
Alcohol*	29	24	0	--	--	--
Cocaine	64	55	15	--	0	--
Marijuana	--	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	0	--
Antidepressants	29	33	--	6	--	--
Antipsychotics	5	5	0	--	0	--
Benzodiazepines	29	35	0	7	0	--
Misc. anxiolytics, sedatives, and hypnotics	10	18	--	--	4	--
Opiates/opioids	70	80	--	6	--	--
Heroin (specified)	4	5	0	0	0	--
Methadone	40	36	--	0	0	--
All other opiates/opioids	47	57	--	6	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	0	0	0	0	0	--
Misc. analgesics/combinations	6	12	0	--	--	--
Anticonvulsants	--	5	0	0	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.

Boston-Cambridge-Quincy, MA-NH

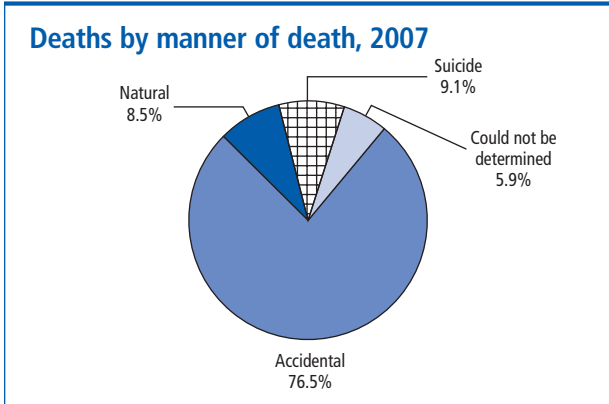


Deaths reported to DAWN
 Drug-related 697
 Drug-related suicide 70

Metro area population, 2007
 4,482,857

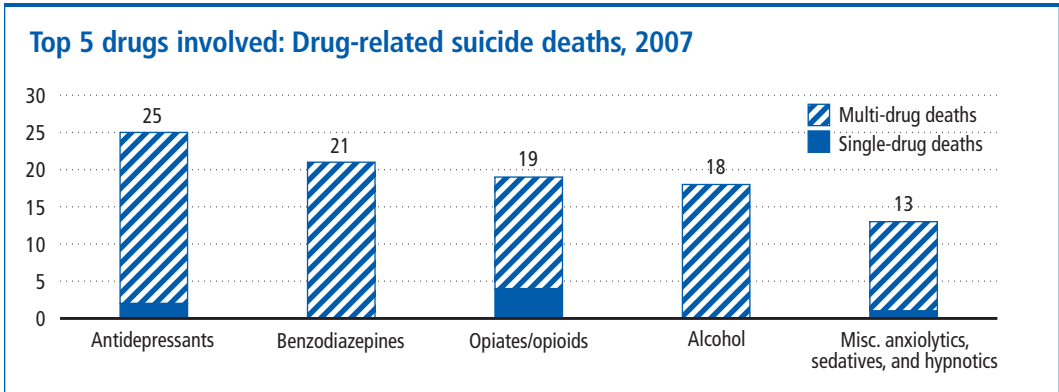
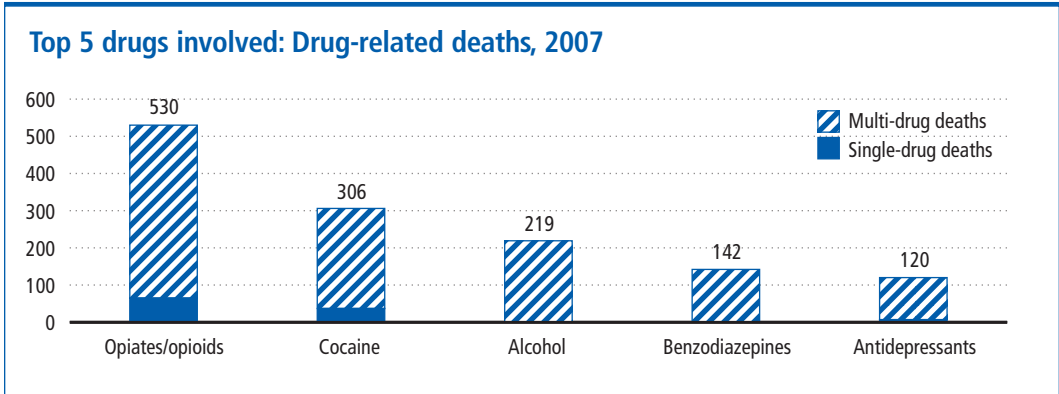
Population covered by DAWN
 4,482,857

Percent of population covered by DAWN
 100%



Metro area overview: Deaths and population by county, 2007

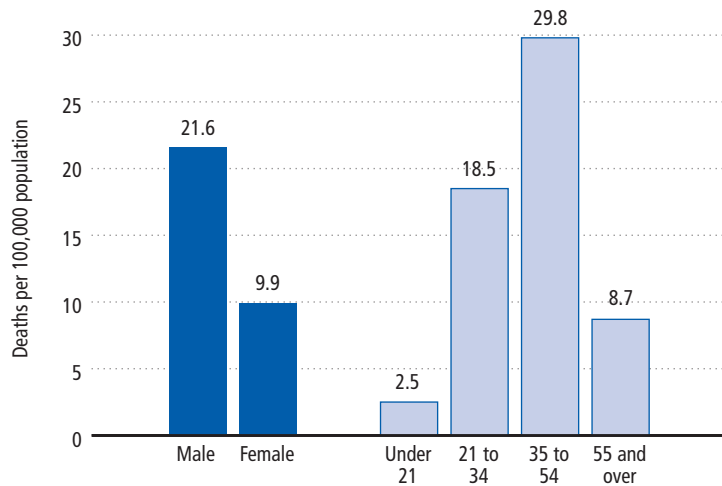
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (7)	697	15.5	70	1.6	4,482,857
1. Essex County, MA	141	19.2	13	1.8	733,101
2. Middlesex County, MA	176	11.9	20	1.4	1,473,416
3. Norfolk County, MA	73	11.1	8	1.2	654,909
4. Plymouth County, MA	67	13.7	7	1.4	490,258
5. Suffolk County, MA	191	26.8	13	1.8	713,049
6. Rockingham County, NH	36	12.1	6	2.0	296,543
7. Strafford County, NH	13	10.7	3	2.5	121,581



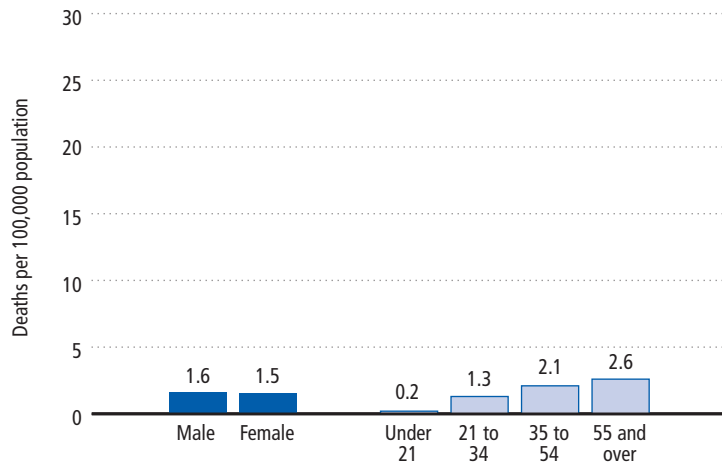
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

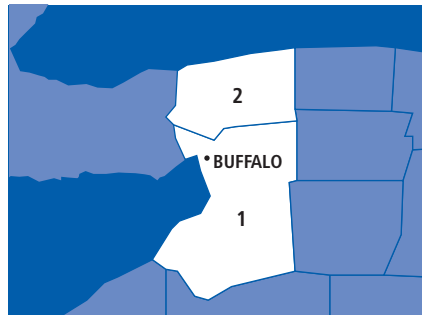
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	234	Health care facility	17
Home	342	Home	43
Public place	26	Public place	5
Other	74	Other	5
Not documented	21	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	596	697	143	63	70	18
Alcohol*	128	219	--	12	18	0
Cocaine	244	306	37	--	4	0
Marijuana	5	51	--	0	--	0
Stimulants	7	36	--	0	--	0
Club drugs†	0	--	0	0	--	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	4	--	0	5	6	4
Antidepressants	100	120	7	27	25	--
Antipsychotics	21	22	--	9	8	0
Benzodiazepines	65	142	--	12	21	0
Misc. anxiolytics, sedatives, and hypnotics	24	17	0	12	13	--
Opiates/opioids	436	530	65	20	19	4
Heroin (specified)	29	52	--	--	--	0
Methadone	117	146	16	4	4	0
All other opiates/opioids	335	436	46	15	16	4
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	--	0	--	--	--
Misc. analgesics/combinations	14	10	--	5	9	5
Anticonvulsants	5	8	0	--	--	0
Muscle relaxants	--	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.

Buffalo-Niagara Falls, NY



Deaths reported to DAWN
 Drug-related 88
 Drug-related suicide 11

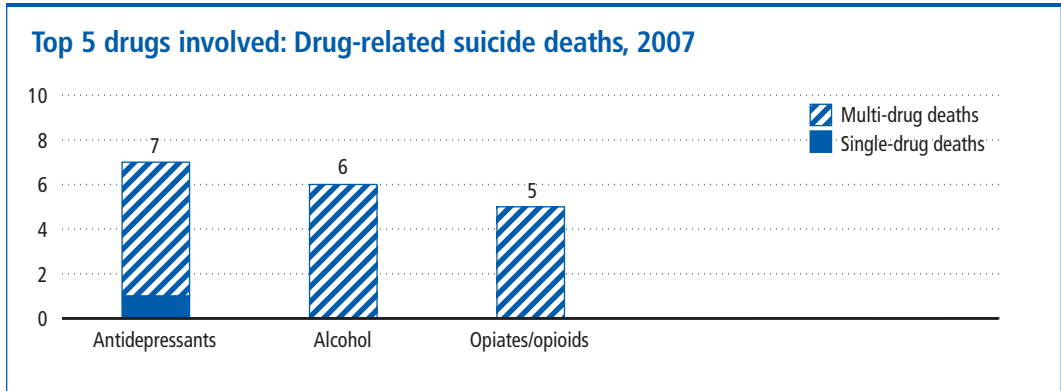
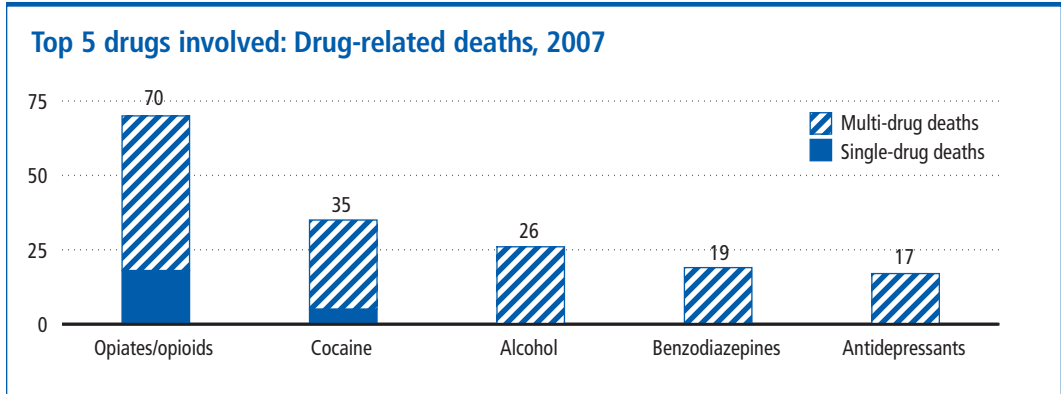
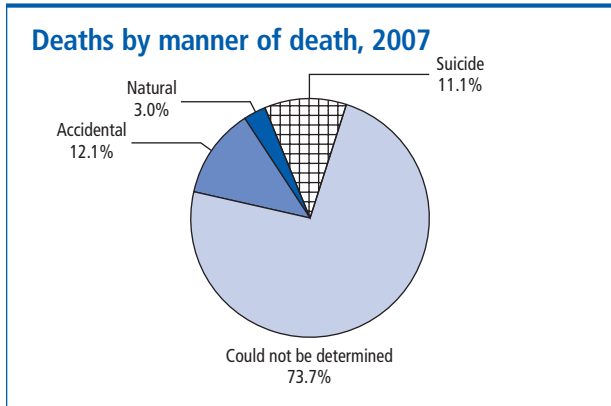
Metro area population, 2007
 1,128,183

Population covered by DAWN
 1,128,183

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2007

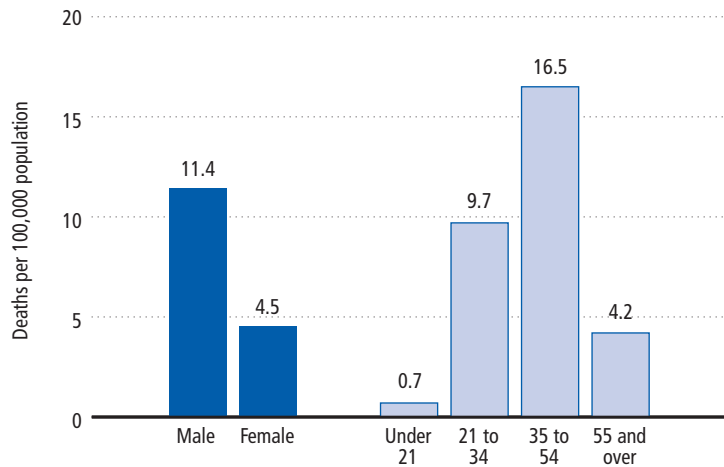
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (2)	88	7.8	11	1.0	1,128,183
1. Erie County, NY	70	7.7	7	0.8	913,338
2. Niagara County, NY	18	8.4	4	1.9	214,845



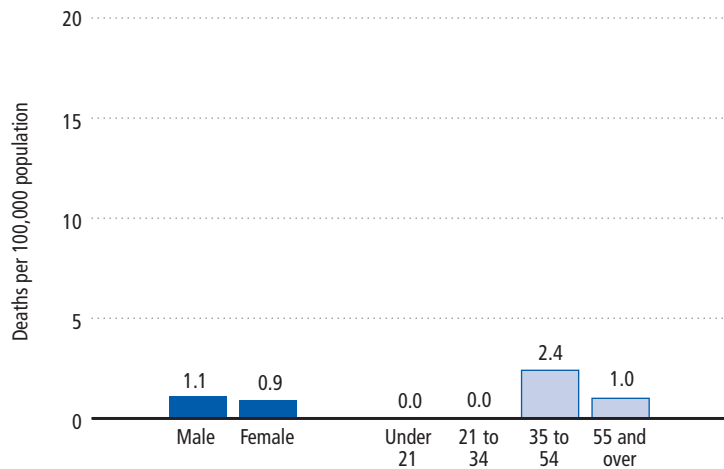
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

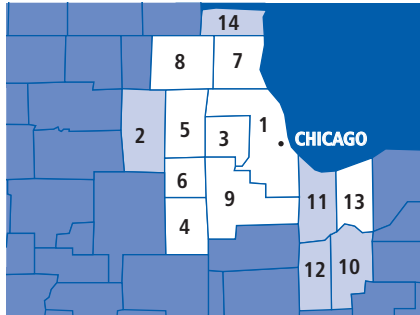
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	26	Health care facility	0
Home	56	Home	10
Public place	4	Public place	0
Other	--	Other	--
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	88	88	25	12	11	--
Alcohol*	17	26	0	--	6	--
Cocaine	36	35	5	0	--	--
Marijuana	11	11	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	--
Antidepressants	17	17	0	5	7	--
Antipsychotics	7	--	0	--	--	--
Benzodiazepines	14	19	0	--	--	--
Misc. anxiolytics, sedatives, and hypnotics	11	8	--	--	--	--
Opiates/opioids	60	70	18	7	5	--
Heroin (specified)	10	13	--	0	0	--
Methadone	11	10	--	--	--	--
All other opiates/opioids	41	53	12	6	4	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	0	--	--	0	--	--
Misc. analgesics/combinations	6	5	0	0	--	--
Anticonvulsants	0	--	0	0	0	--
Muscle relaxants	6	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.

Chicago-Naperville-Joliet, IL-IN-WI



Deaths reported to DAWN
 Drug-related 796
 Drug-related suicide 76

Metro area population, 2007
 9,524,673

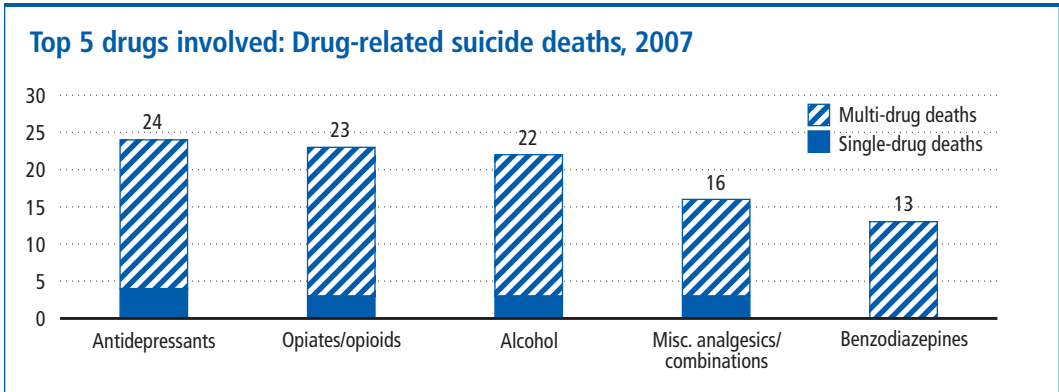
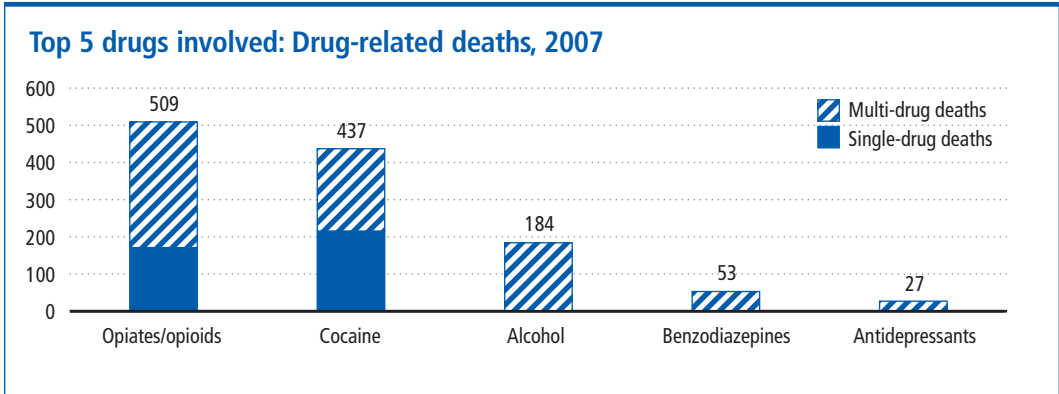
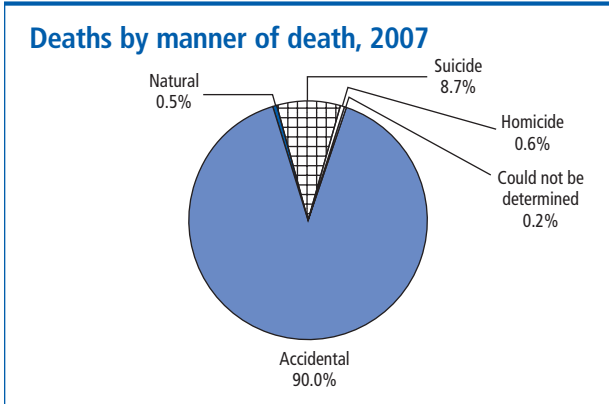
Population covered by DAWN
 8,719,630

Percent of population covered by DAWN
 92%

Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (9)	796	9.1	76	0.9	8,719,630
1. Cook County, IL	541	10.2	31	0.6	5,285,107
2. DeKalb County, IL					103,729
3. DuPage County, IL	56	6.0	17	1.8	929,192
4. Grundy County, IL	6	12.7	0	0.0	47,144
5. Kane County, IL	27	5.4	6	1.2	501,021
6. Kendall County, IL	3	3.1	1	1.0	96,818
7. Lake County, IL	76	10.7	9	1.3	710,241
8. McHenry County, IL	18	5.7	3	0.9	315,943
9. Will County, IL	52	7.7	9	1.3	673,586
10. Jasper County, IN					32,275
11. Lake County, IN					492,104
12. Newton County, IN					14,014
13. Porter County, IN	17	10.6	0	0.0	160,578
14. Kenosha County, WI					162,921

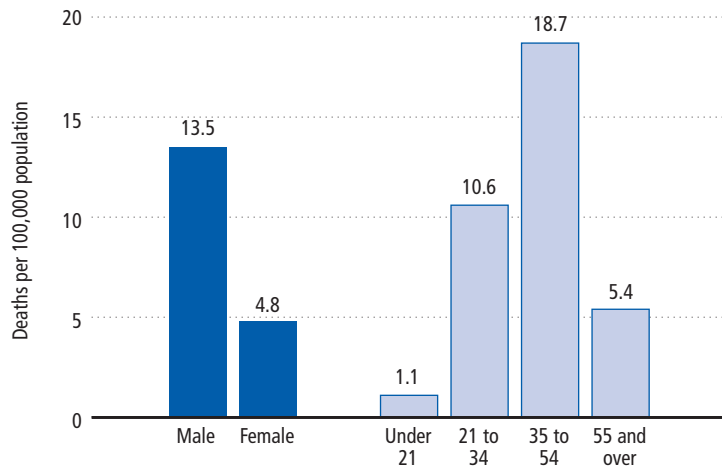
Shaded areas did not participate in DAWN this year.



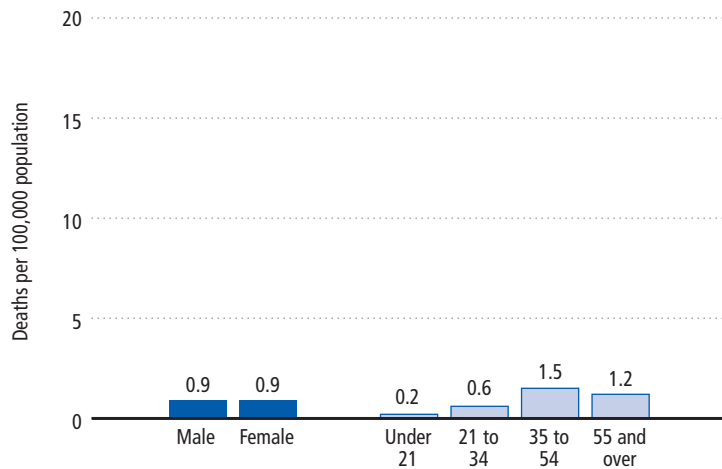
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

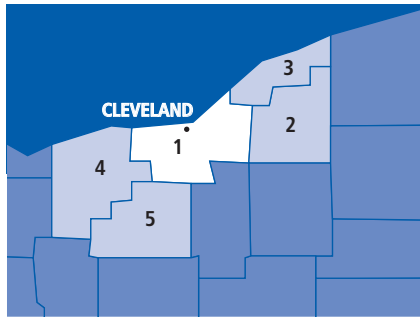
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	295	Health care facility	23
Home	371	Home	38
Public place	74	Public place	11
Other	36	Other	4
Not documented	20	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	998	744	376	65	67	23
Alcohol*	210	166	0	17	19	--
Cocaine	570	414	204	9	5	0
Marijuana	21	18	0	--	0	0
Stimulants	--	--	--	0	0	0
Club drugs†	0	0	0	0	0	0
Hallucinogens††	--	--	0	0	0	0
Inhalants	--	--	0	0	--	0
Antidepressants	28	26	--	25	19	--
Antipsychotics	--	8	--	6	8	--
Benzodiazepines	39	49	--	18	11	0
Misc. anxiolytics, sedatives, and hypnotics	16	17	0	13	8	--
Opiates/opioids	705	480	162	22	21	--
Heroin (specified)	59	51	16	0	0	0
Methadone	56	62	21	--	4	0
All other opiates/opioids	624	397	125	19	18	--
Nonsteroidal anti-inflammatory agents	--	0	0	--	--	--
Salicylates/combinations	--	--	0	--	--	--
Misc. analgesics/combinations	7	18	--	12	15	--
Anticonvulsants	4	4	0	--	--	0
Muscle relaxants	4	6	0	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.

Cleveland-Elyria-Mentor, OH



Deaths reported to DAWN
 Drug-related 198
 Drug-related suicide 24

Metro area population, 2007
 2,096,471

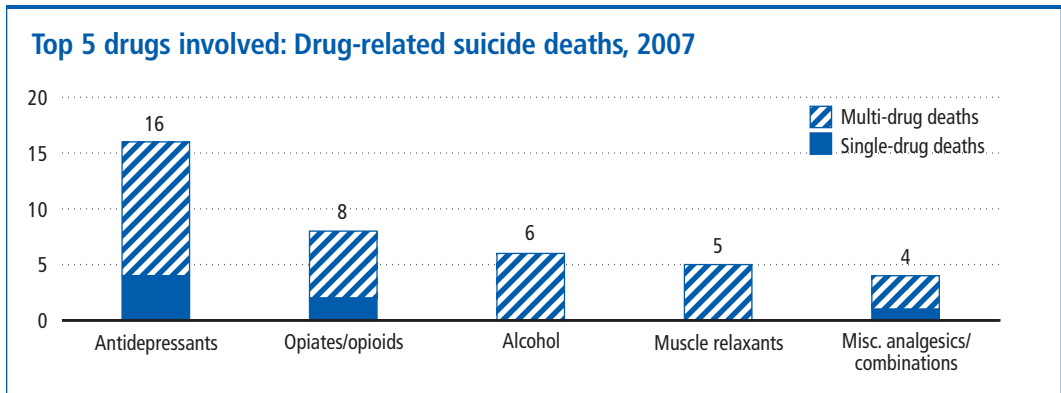
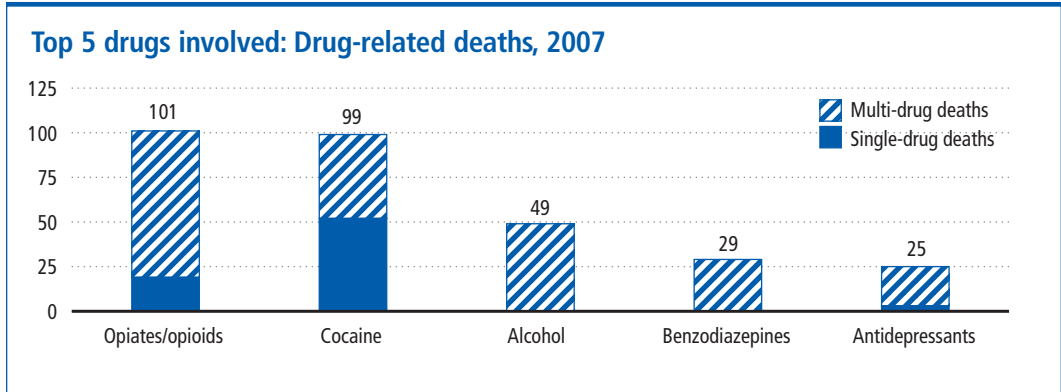
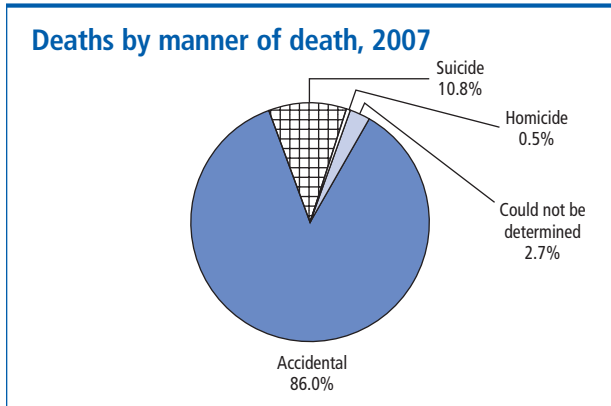
Population covered by DAWN
 1,295,958

Percent of population covered by DAWN
 62%

Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	198	15.3	24	1.9	1,295,958
1. Cuyahoga County, OH	198	15.3	24	1.9	1,295,958
2. Geauga County, OH					95,029
3. Lake County, OH					233,392
4. Lorain County, OH					302,260
5. Medina County, OH					169,832

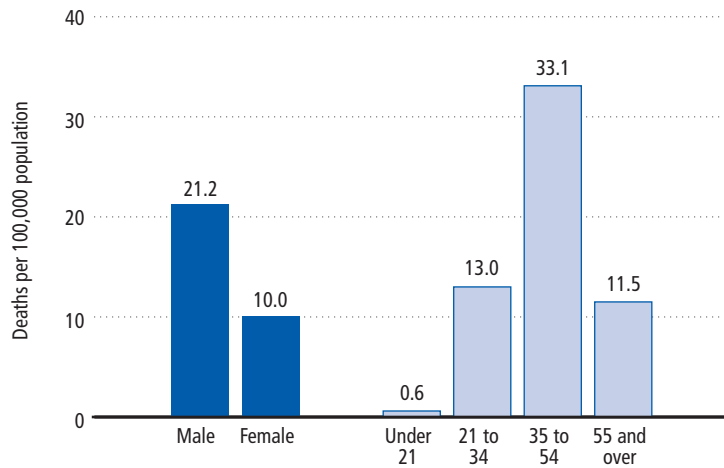
Shaded areas did not participate in DAWN this year.



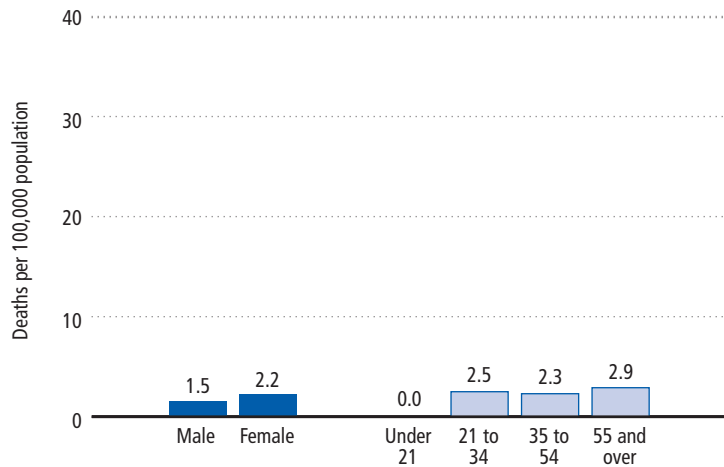
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

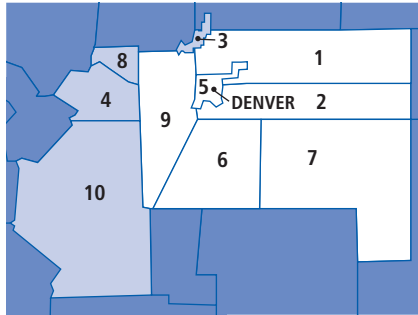
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	86	Health care facility	7
Home	93	Home	13
Public place	--	Public place	--
Other	16	Other	--
Not documented	--	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	227	198	88	18	24	8
Alcohol*	63	49	0	7	6	0
Cocaine	119	99	52	4	--	0
Marijuana	5	--	0	0	0	0
Stimulants	--	0	0	0	0	0
Club drugs†	--	--	--	0	0	0
Hallucinogens††	--	--	--	0	0	0
Inhalants	--	--	--	0	0	0
Antidepressants	40	25	--	11	16	4
Antipsychotics	12	6	--	4	4	--
Benzodiazepines	28	29	0	0	4	0
Misc. anxiolytics, sedatives, and hypnotics	14	9	0	4	--	0
Opiates/opioids	111	101	19	4	8	--
Heroin (specified)	49	37	6	0	--	--
Methadone	16	18	--	--	--	--
All other opiates/opioids	67	62	11	--	5	0
Nonsteroidal anti-inflammatory agents	0	--	0	0	0	0
Salicylates/combinations	--	--	0	0	0	0
Misc. analgesics/combinations	13	14	--	--	4	--
Anticonvulsants	--	0	0	--	0	0
Muscle relaxants	4	8	0	0	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.

Denver-Aurora, CO

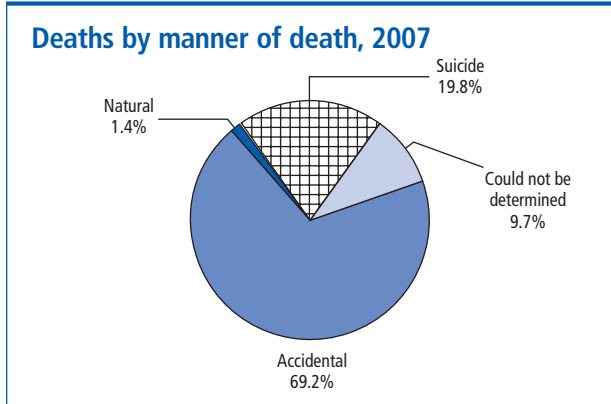


Deaths reported to DAWN
 Drug-related 349
 Drug-related suicide 86

Metro area population, 2007
 2,464,866

Population covered by DAWN
 2,380,124

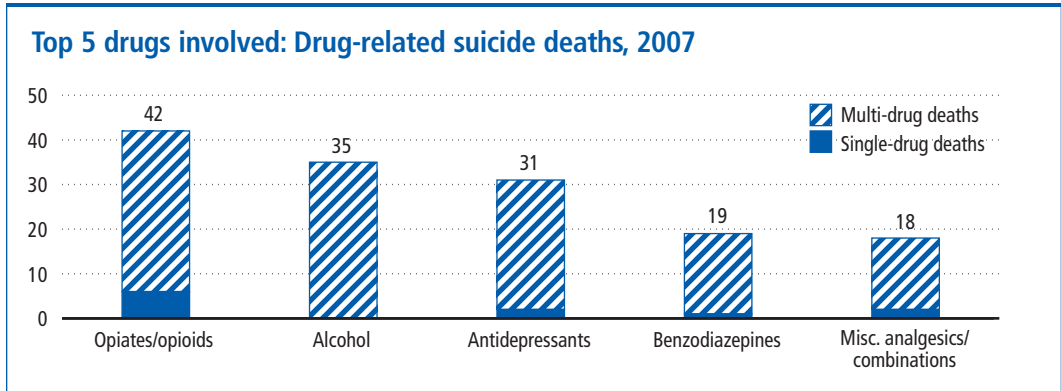
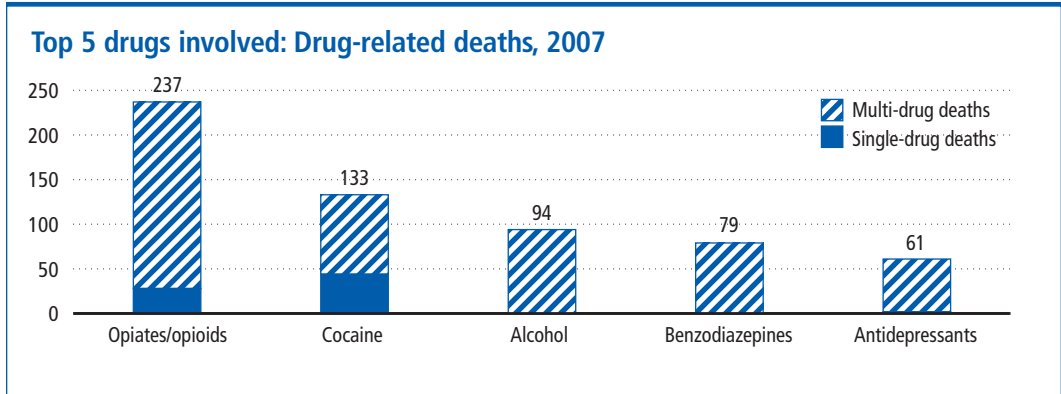
Percent of population covered by DAWN
 97%



Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (6)	349	14.7	86	3.6	2,380,124
1. Adams County, CO	48	11.4	16	3.8	422,495
2. Arapahoe County, CO	85	15.6	13	2.4	545,089
3. Broomfield County, CO					53,691
4. Clear Creek County, CO					8,956
5. Denver County, CO	173	29.4	29	4.9	588,349
6. Douglas County, CO	12	4.4	5	1.8	272,117
7. Elbert County, CO	1	4.4	1	4.4	22,720
8. Gilpin County, CO					5,091
9. Jefferson County, CO	30	5.7	22	4.2	529,354
10. Park County, CO					17,004

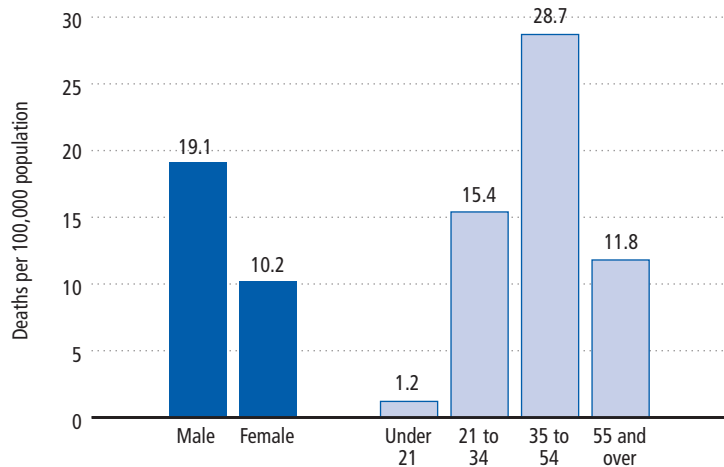
Shaded areas did not participate in DAWN this year.



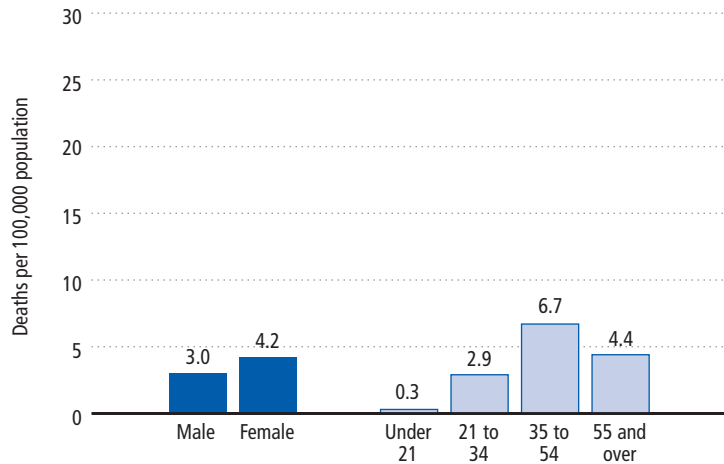
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

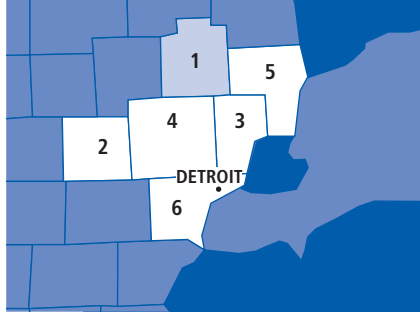
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	84	Health care facility	16
Home	206	Home	58
Public place	17	Public place	--
Other	42	Other	10
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	325	349	82	55	86	16
Alcohol*	125	94	0	20	35	0
Cocaine	141	133	44	--	9	--
Marijuana	10	12	0	--	--	0
Stimulants	24	24	0	--	--	0
Club drugs†	--	--	0	0	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	--	--	--	--	--	0
Antidepressants	52	61	--	23	31	--
Antipsychotics	9	10	0	--	10	--
Benzodiazepines	50	79	0	13	19	--
Misc. anxiolytics, sedatives, and hypnotics	14	35	0	16	16	--
Opiates/opioids	218	237	28	19	42	6
Heroin (specified)	23	37	4	--	0	0
Methadone	40	36	5	--	4	0
All other opiates/opioids	171	202	19	15	38	6
Nonsteroidal anti-inflammatory agents	--	0	0	0	--	0
Salicylates/combinations	0	--	--	0	--	0
Misc. analgesics/combinations	17	17	--	9	18	--
Anticonvulsants	7	11	0	--	--	0
Muscle relaxants	10	20	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.

Detroit-Warren-Livonia, MI

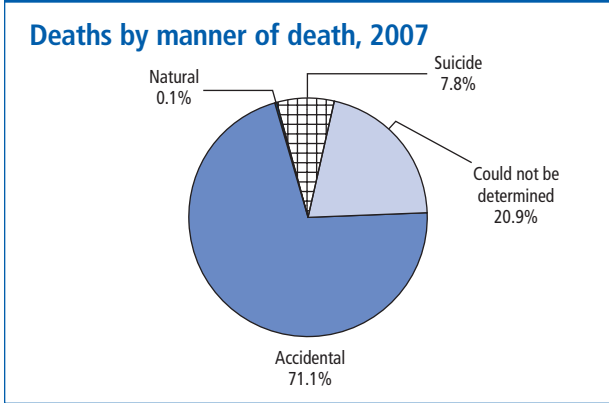


Deaths reported to DAWN
 Drug-related 740
 Drug-related suicide 63

Metro area population, 2007
 4,467,592

Population covered by DAWN
 4,375,580

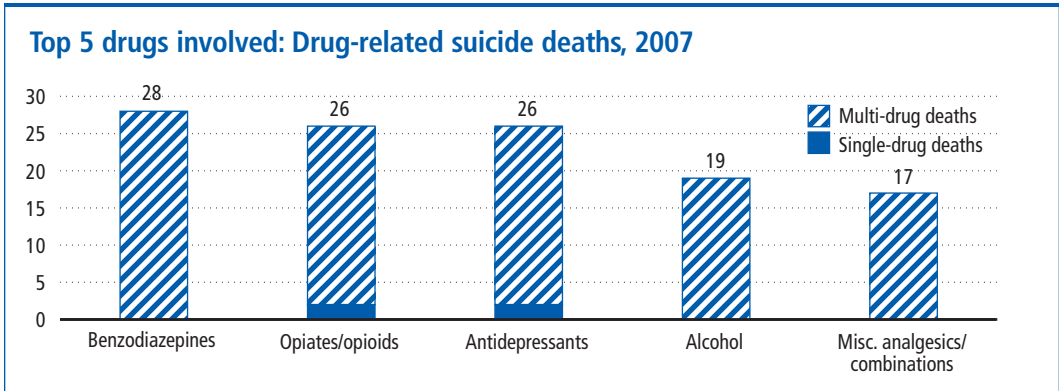
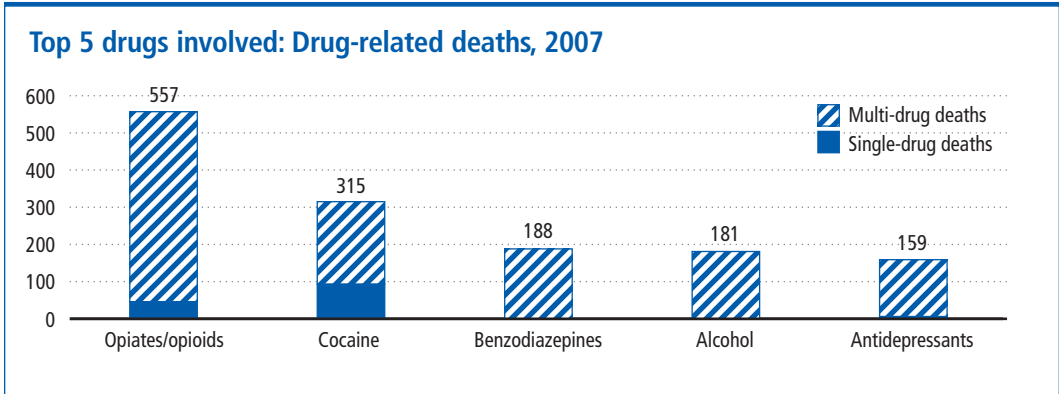
Percent of population covered by DAWN
 98%



Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (5)	740	16.9	63	1.4	4,375,580
1. Lapeer County, MI					92,012
2. Livingston County, MI	14	7.6	0	0.0	183,194
3. Macomb County, MI	130	15.6	29	3.5	831,077
4. Oakland County, MI	150	12.4	16	1.3	1,206,089
5. St. Clair County, MI	28	16.5	3	1.8	170,119
6. Wayne County, MI	418	21.1	15	0.8	1,985,101

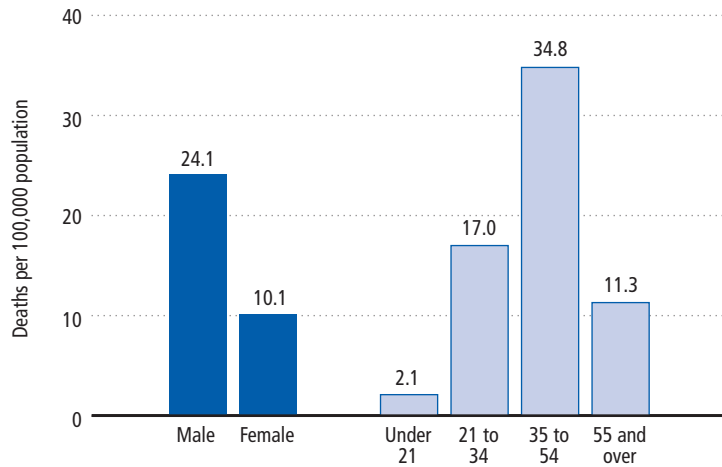
Shaded areas did not participate in DAWN this year.



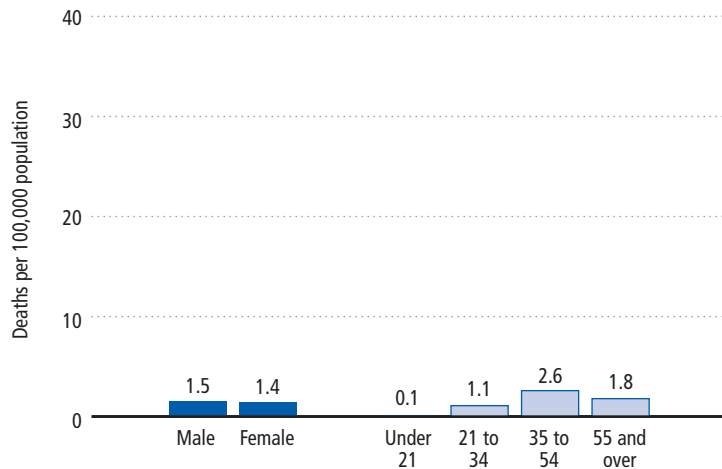
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	257	Health care facility	12
Home	410	Home	46
Public place	9	Public place	--
Other	64	Other	--
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

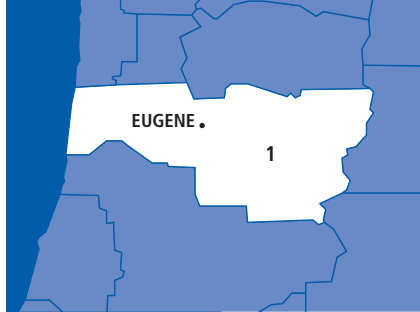
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	884	740	150	60	63	11
Alcohol*	210	181	0	21	19	0
Cocaine	405	315	93	--	--	--
Marijuana	49	39	0	--	--	0
Stimulants	11	11	0	--	4	0
Club drugs†	--	--	0	0	--	0
Hallucinogens††	0	--	0	0	0	0
Inhalants	9	8	0	--	--	0
Antidepressants	118	159	6	34	26	--
Antipsychotics	38	62	--	10	8	--
Benzodiazepines	181	188	0	20	28	0
Misc. anxiolytics, sedatives, and hypnotics	80	112	0	6	14	--
Opiates/opioids	713	557	46	27	26	--
Heroin (specified)	151	157	0	0	0	0
Methadone	117	123	15	4	--	0
All other opiates/opioids	653	481	31	24	26	--
Nonsteroidal anti-inflammatory agents	6	--	0	--	0	0
Salicylates/combinations	0	0	0	--	--	--
Misc. analgesics/combinations	65	70	--	14	17	0
Anticonvulsants	9	25	--	7	4	0
Muscle relaxants	43	47	--	4	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.

Eugene-Springfield, OR



Deaths reported to DAWN
 Drug-related 33
 Drug-related suicide 5

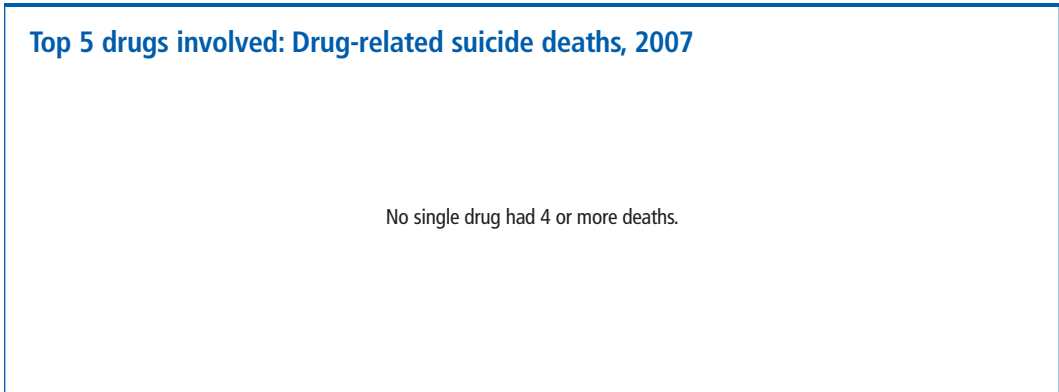
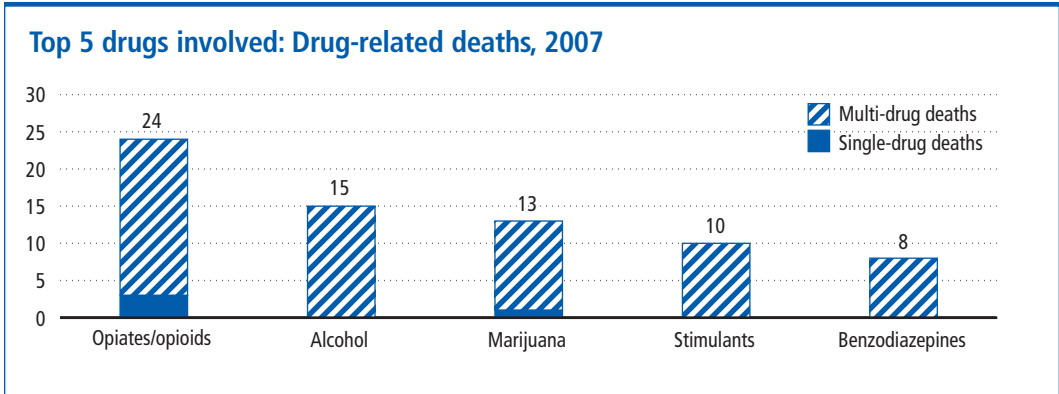
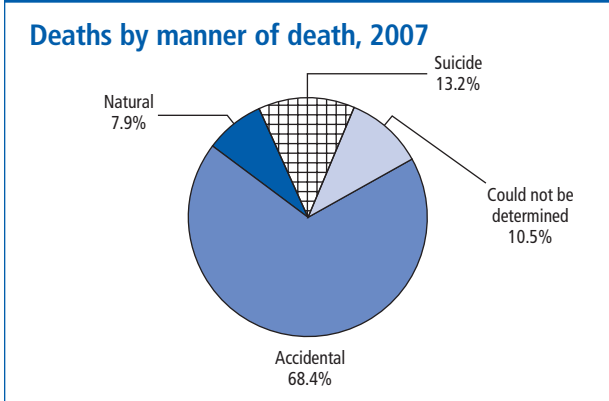
Metro area population, 2007
 343,591

Population covered by DAWN
 343,591

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2007

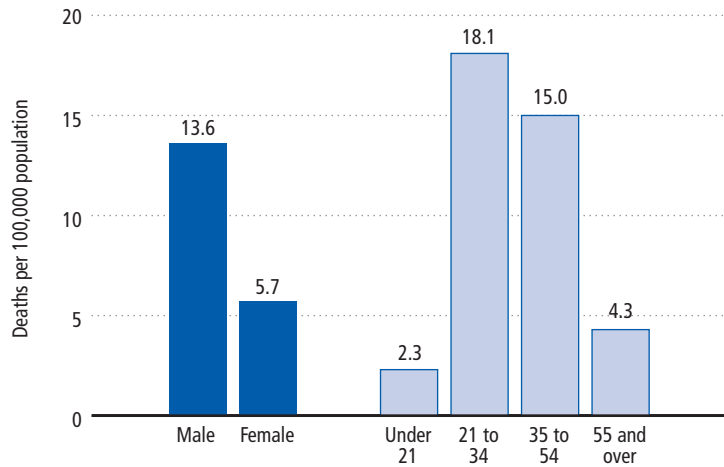
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	33	9.6	5	1.5	343,591
1. Lane County, OR	33	9.6	5	1.5	343,591



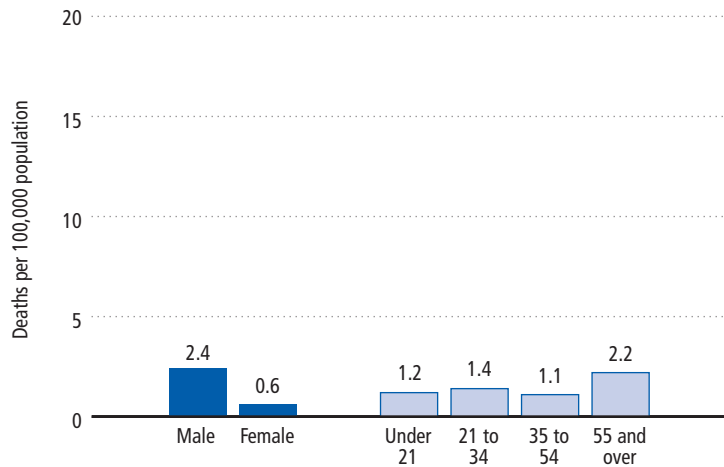
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	4	Health care facility	0
Home	16	Home	5
Public place	4	Public place	0
Other	9	Other	0
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS		33	4		5	--
Alcohol*		15	0		--	--
Cocaine		4	0		0	--
Marijuana		13	--		0	--
Stimulants		10	0		0	--
Club drugs†		0	0		0	--
Hallucinogens††		0	0		0	--
Inhalants		0	0		0	--
Antidepressants		8	0		--	--
Antipsychotics		--	0		--	--
Benzodiazepines		8	0		--	--
Misc. anxiolytics, sedatives, and hypnotics		5	0		--	--
Opiates/opioids		24	--		0	--
Heroin (specified)		8	--		0	--
Methadone		12	--		0	--
All other opiates/opioids		10	0		0	--
Nonsteroidal anti-inflammatory agents		0	0		0	--
Salicylates/combinations		0	0		0	--
Misc. analgesics/combinations		--	0		0	--
Anticonvulsants		--	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.

Houston-Sugar Land-Baytown, TX

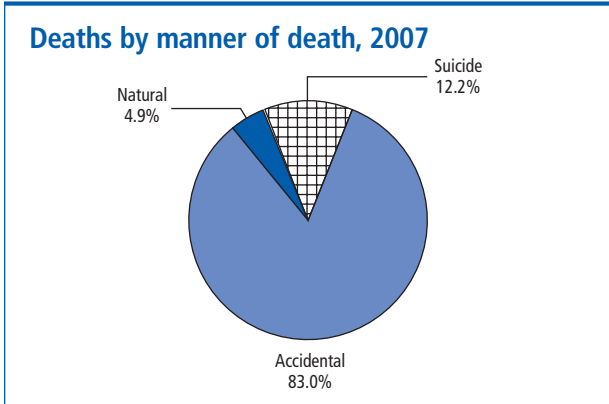


Deaths reported to DAWN
 Drug-related 577
 Drug-related suicide 80

Metro area population, 2007
 5,628,101

Population covered by DAWN
 3,935,855

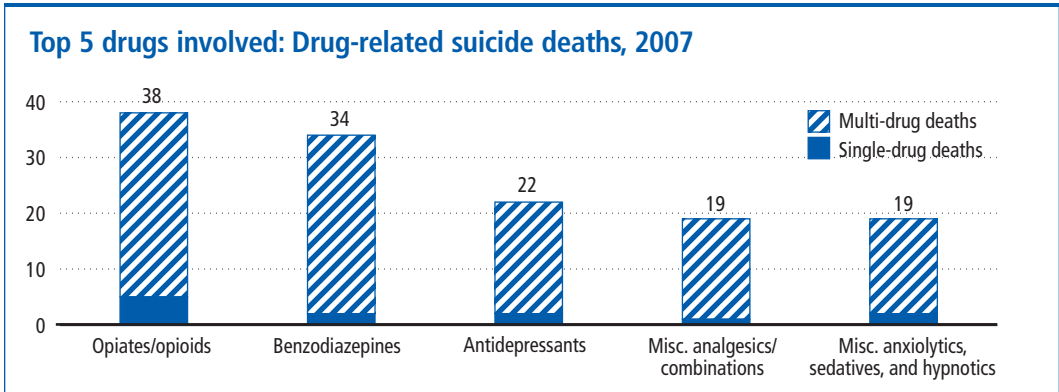
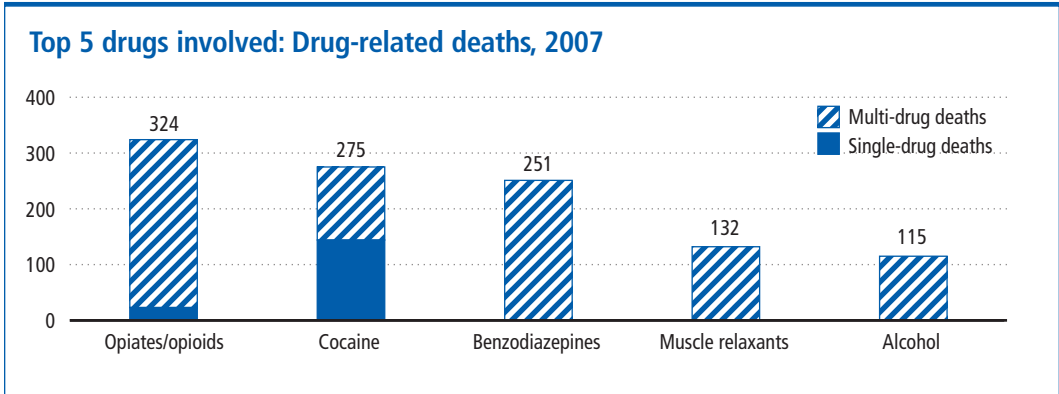
Percent of population covered by DAWN
 70%



Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	577	14.7	80	2.0	3,935,855
1. Austin County, TX					26,610
2. Brazoria County, TX					294,233
3. Chambers County, TX					28,771
4. Fort Bend County, TX					509,822
5. Galveston County, TX					283,987
6. Harris County, TX	577	14.7	80	2.0	3,935,855
7. Liberty County, TX					75,434
8. Montgomery County, TX					412,638
9. San Jacinto County, TX					24,818
10. Waller County, TX					35,933

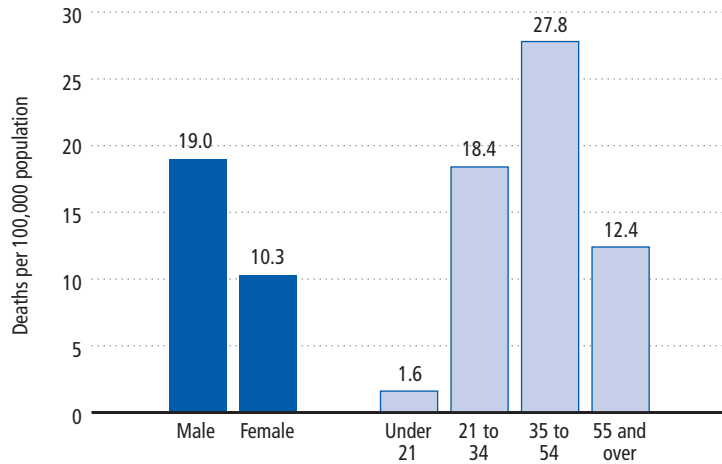
Shaded areas did not participate in DAWN this year.



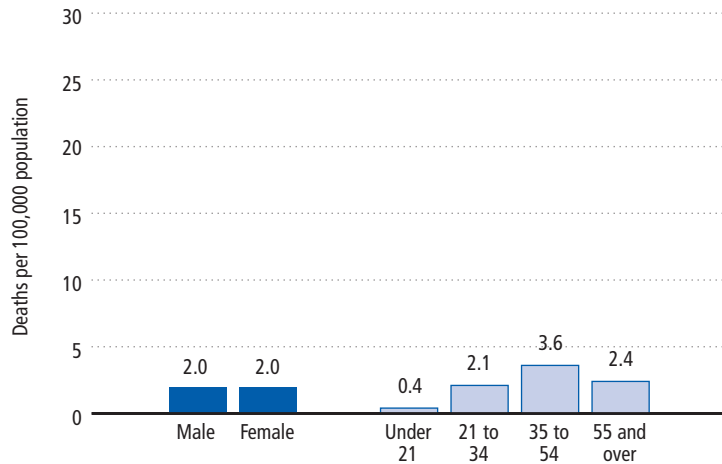
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

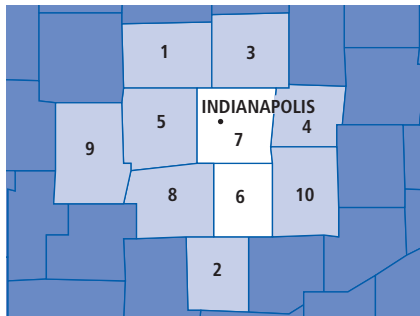
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	217	Health care facility	23
Home	276	Home	52
Public place	24	Public place	0
Other	60	Other	5
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	443	577	194	54	80	23
Alcohol*	116	115	--	15	18	0
Cocaine	240	275	144	5	8	--
Marijuana	--	0	0	0	0	0
Stimulants	18	13	4	0	--	--
Club drugs†	6	7	0	0	--	0
Hallucinogens††	6	7	--	0	--	0
Inhalants	--	--	--	0	0	0
Antidepressants	27	46	0	14	22	--
Antipsychotics	8	13	--	7	11	--
Benzodiazepines	141	251	0	30	34	--
Misc. anxiolytics, sedatives, and hypnotics	35	42	0	14	19	--
Opiates/opioids	231	324	23	28	38	5
Heroin (specified)	29	30	4	0	0	0
Methadone	52	62	9	--	4	--
All other opiates/opioids	177	267	10	27	35	4
Nonsteroidal anti-inflammatory agents	0	--	0	--	--	0
Salicylates/combinations	0	0	0	--	4	--
Misc. analgesics/combinations	23	24	--	10	19	--
Anticonvulsants	8	10	0	--	--	0
Muscle relaxants	77	132	0	17	16	--

* 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 121
 Drug-related suicide 17

Metro area population, 2007
 1,695,037

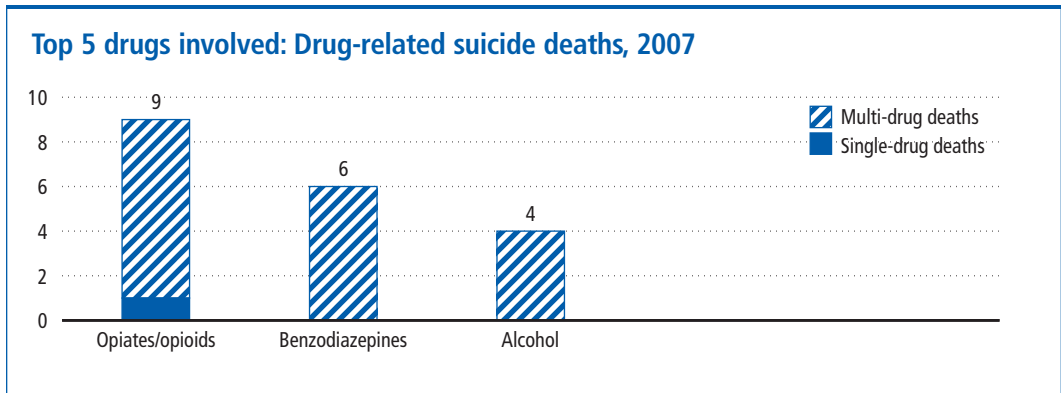
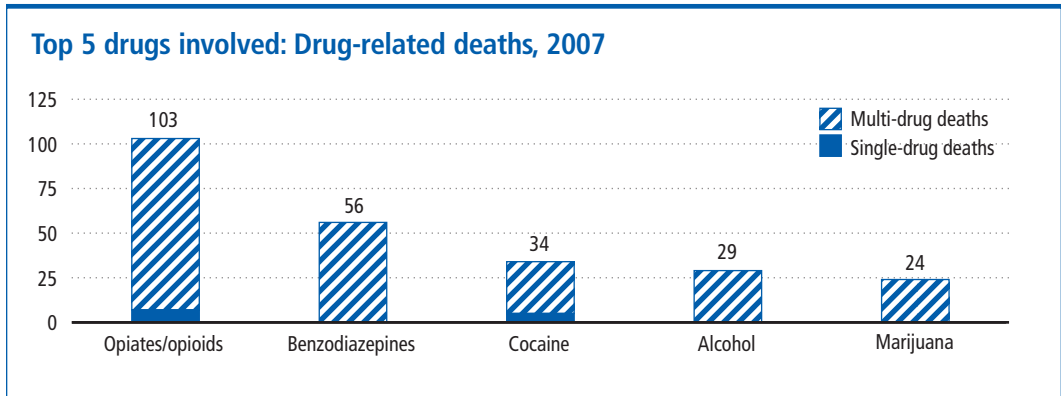
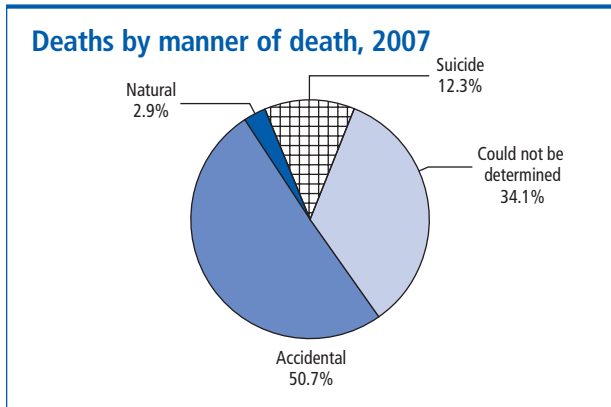
Population covered by DAWN
 1,012,755

Percent of population covered by DAWN
 60%

Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (2)	121	11.9	17	1.7	1,012,755
1. Boone County, IN					54,137
2. Brown County, IN					14,670
3. Hamilton County, IN					261,661
4. Hancock County, IN					66,305
5. Hendricks County, IN					134,558
6. Johnson County, IN	16	11.8	2	1.5	135,951
7. Marion County, IN	105	12.0	15	1.7	876,804
8. Morgan County, IN					69,874
9. Putnam County, IN					37,014
10. Shelby County, IN					44,063

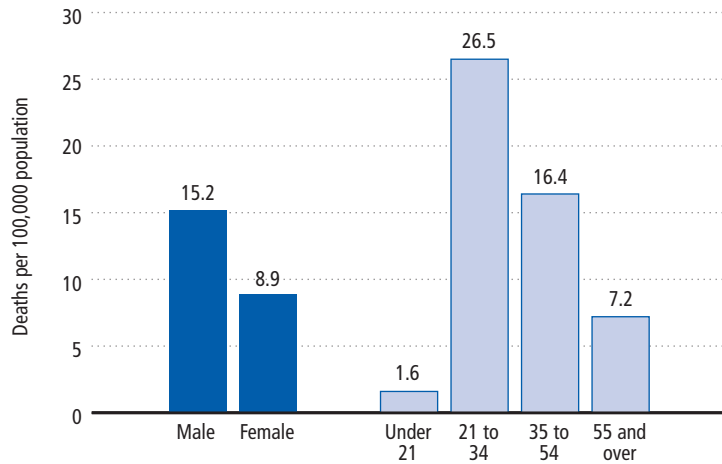
Shaded areas did not participate in DAWN this year.



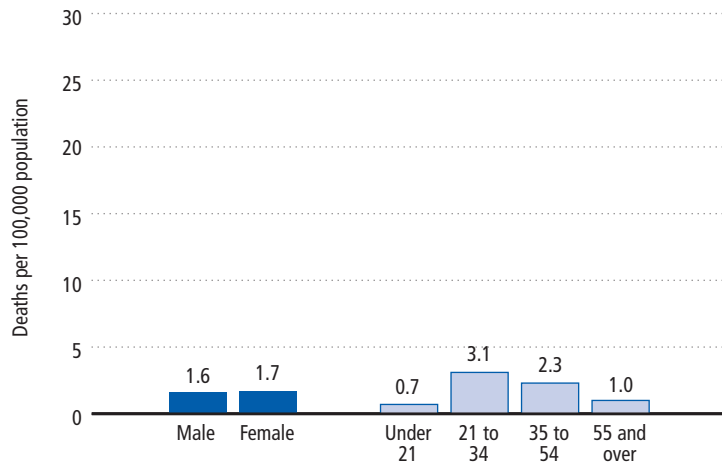
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

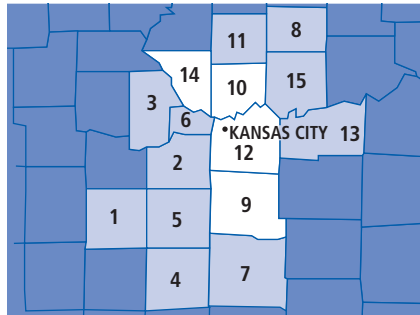
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	33	Health care facility	7
Home	69	Home	9
Public place	--	Public place	0
Other	18	Other	--
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	113	121	13	8	17	--
Alcohol*	27	29	0	--	4	--
Cocaine	35	34	5	0	--	--
Marijuana	15	24	0	--	--	--
Stimulants	--	--	0	0	0	--
Club drugs†	0	0	0	0	0	--
Hallucinogens††	--	--	0	0	0	--
Inhalants	0	--	0	0	0	--
Antidepressants	7	17	0	4	--	--
Antipsychotics	--	0	0	--	--	--
Benzodiazepines	48	56	0	4	6	--
Misc. anxiolytics, sedatives, and hypnotics	5	--	0	--	--	--
Opiates/opioids	87	103	7	4	9	--
Heroin (specified)	10	8	0	0	0	--
Methadone	27	32	--	0	0	--
All other opiates/opioids	73	87	5	4	9	--
Nonsteroidal anti-inflammatory agents	0	--	0	0	--	--
Salicylates/combinations	--	--	0	0	--	--
Misc. analgesics/combinations	9	7	--	--	--	--
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.

Kansas City, MO-KS

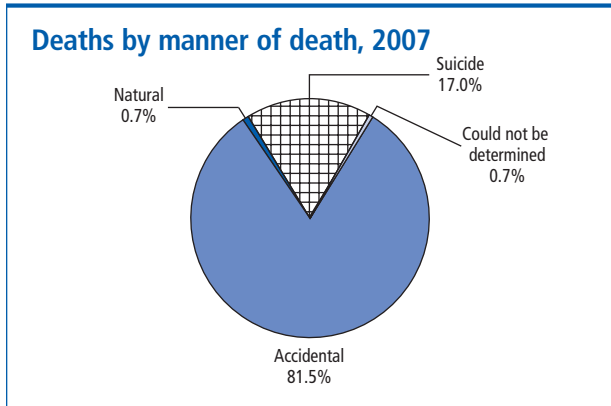


Deaths reported to DAWN
 Drug-related 112
 Drug-related suicide 23

Metro area population, 2007
 1,985,429

Population covered by DAWN
 1,060,856

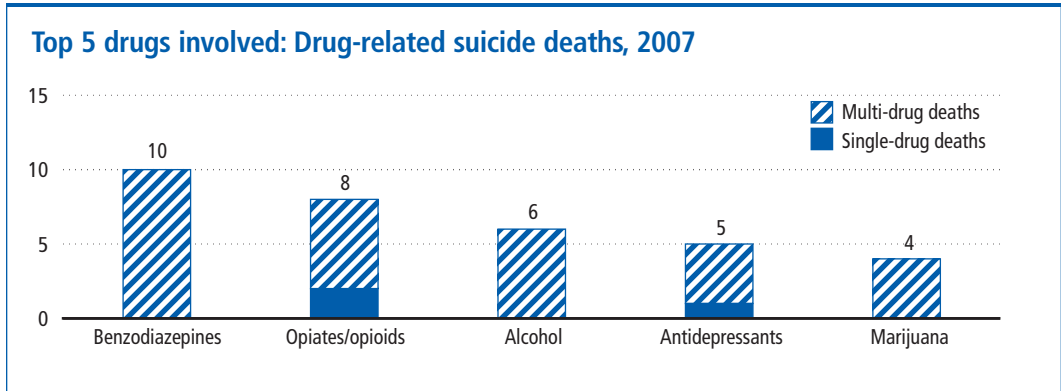
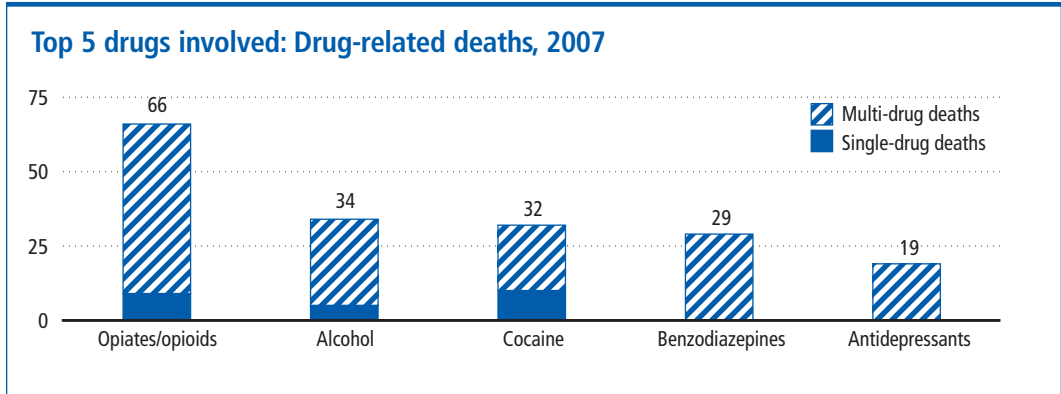
Percent of population covered by DAWN
 53%



Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (4)	112	10.6	23	2.2	1,060,856
1. Franklin County, KS					26,479
2. Johnson County, KS					526,319
3. Leavenworth County, KS					73,603
4. Linn County, KS					9,767
5. Miami County, KS					31,078
6. Wyandotte County, KS					153,956
7. Bates County, MO					17,034
8. Caldwell County, MO					9,284
9. Cass County, MO	9	9.3	0	0.0	97,133
10. Clay County, MO	21	9.9	4	1.9	211,952
11. Clinton County, MO					20,894
12. Jackson County, MO	72	10.8	19	2.8	666,890
13. Lafayette County, MO					32,677
14. Platte County, MO	10	11.8	0	0.0	84,881
15. Ray County, MO					23,482

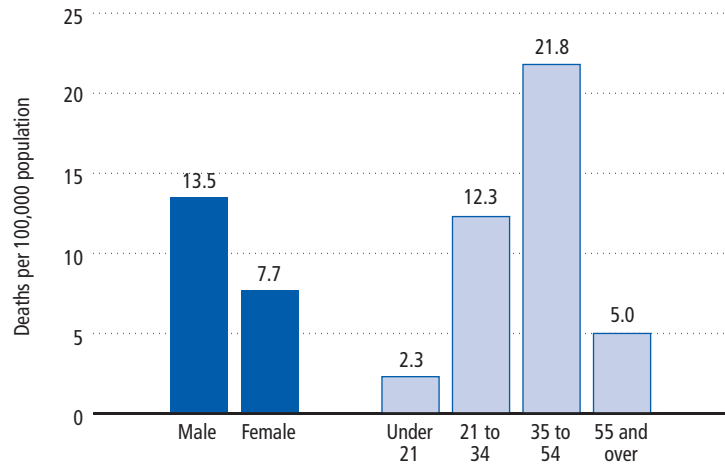
Shaded areas did not participate in DAWN this year.



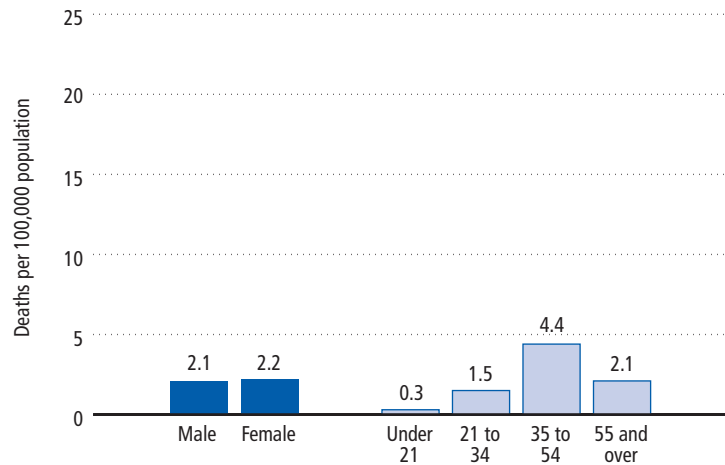
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	32	Health care facility	4
Home	66	Home	15
Public place	0	Public place	0
Other	14	Other	4
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	87	112	28	23	23	4
Alcohol*	22	34	5	7	6	0
Cocaine	40	32	10	--	--	0
Marijuana	20	19	0	6	4	0
Stimulants	4	8	4	--	--	--
Club drugs†	0	0	0	0	0	0
Hallucinogens††	--	--	0	0	0	0
Inhalants	--	0	0	0	0	0
Antidepressants	16	19	0	6	5	--
Antipsychotics	0	0	0	--	--	0
Benzodiazepines	24	29	0	6	10	0
Misc. anxiolytics, sedatives, and hypnotics	13	--	0	--	--	0
Opiates/opioids	43	66	9	10	8	--
Heroin (specified)	0	--	0	0	0	0
Methadone	13	23	6	--	--	0
All other opiates/opioids	32	44	--	8	7	--
Nonsteroidal anti-inflammatory agents	--	--	0	0	--	0
Salicylates/combinations	0	0	0	0	0	0
Misc. analgesics/combinations	7	6	0	4	--	0
Anticonvulsants	--	--	0	--	--	0
Muscle relaxants	4	5	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

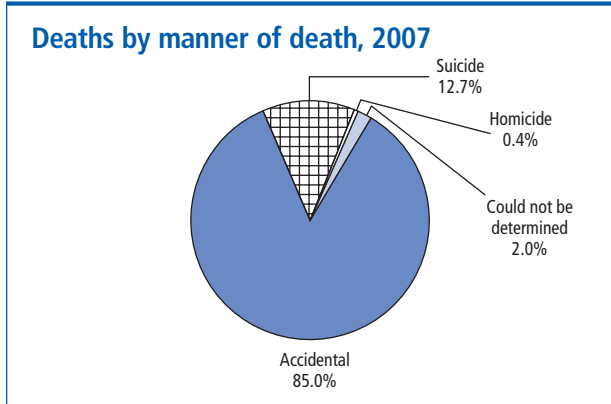


Deaths reported to DAWN
 Drug-related 980
 Drug-related suicide 142

Metro area population, 2007
 12,875,587

Population covered by DAWN
 9,878,554

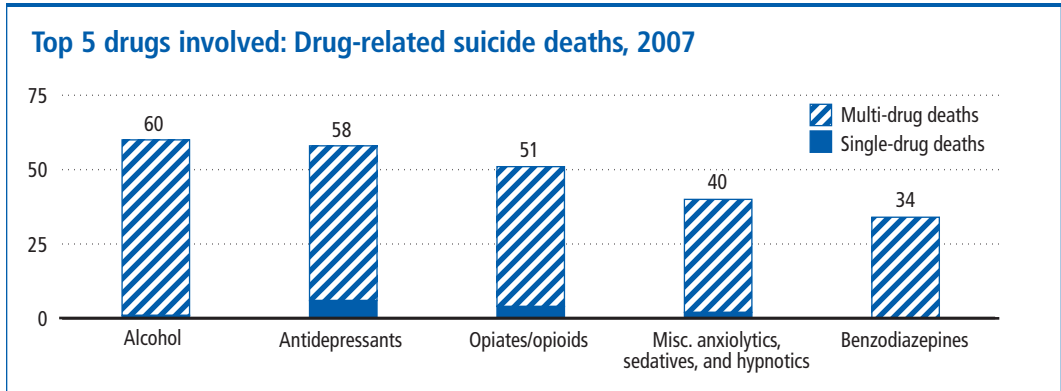
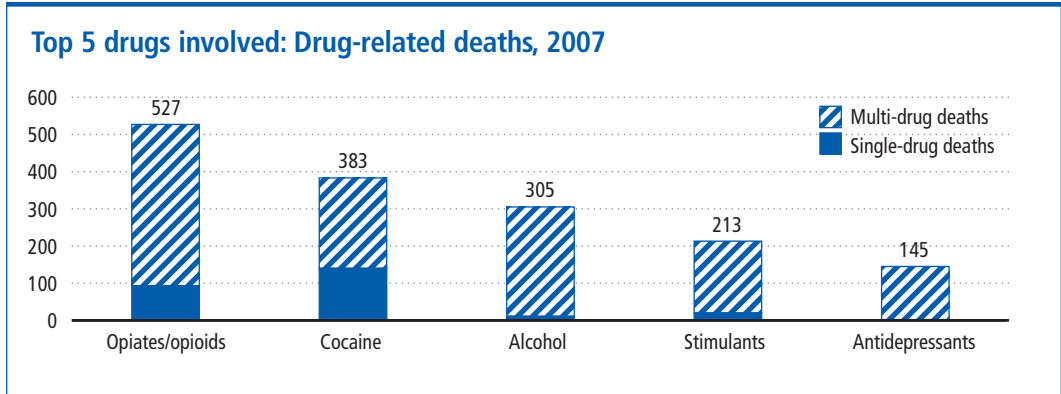
Percent of population covered by DAWN
 77%



Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	980	9.9	142	1.4	9,878,554
1. Los Angeles County, CA	980	9.9	142	1.4	9,878,554
2. Orange County, CA					2,997,033

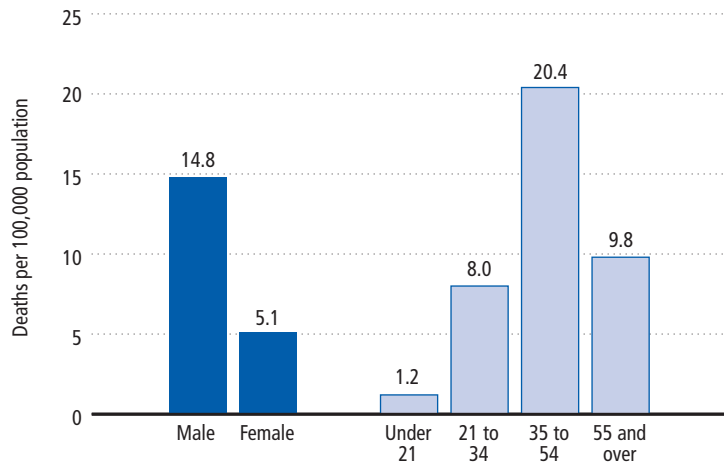
Shaded areas did not participate in DAWN this year.



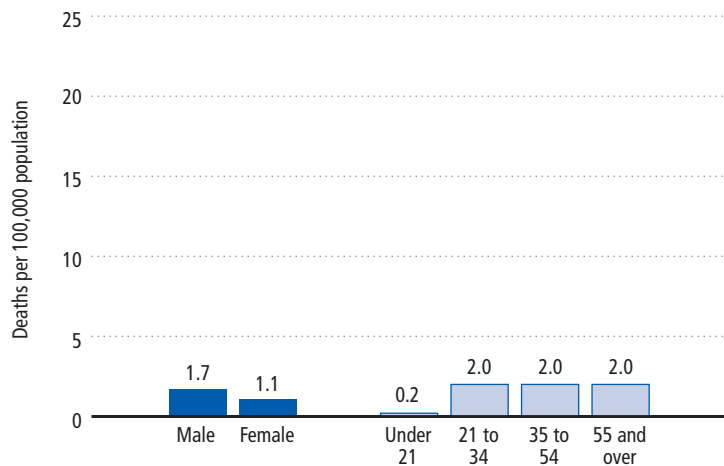
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

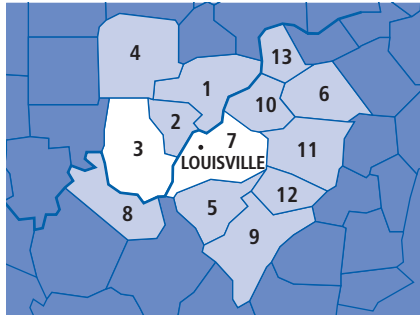
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	263	Health care facility	17
Home	391	Home	85
Public place	140	Public place	13
Other	184	Other	27
Not documented	--	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	1,083	980	282	111	142	23
Alcohol*	306	305	11	34	60	--
Cocaine	458	383	140	19	15	--
Marijuana	79	37	--	0	--	0
Stimulants	266	213	20	8	19	0
Club drugs†	14	7	0	0	0	0
Hallucinogens††	17	11	--	0	--	--
Inhalants	4	6	--	--	8	--
Antidepressants	205	145	--	58	58	6
Antipsychotics	57	52	--	22	20	--
Benzodiazepines	145	122	--	38	34	0
Misc. anxiolytics, sedatives, and hypnotics	146	113	--	38	40	--
Opiates/opioids	597	527	93	50	51	4
Heroin (specified)	238	182	54	4	0	0
Methadone	79	79	16	4	9	--
All other opiates/opioids	359	324	23	46	44	--
Nonsteroidal anti-inflammatory agents	5	7	0	5	--	0
Salicylates/combinations	--	--	--	--	4	--
Misc. analgesics/combinations	38	22	--	13	8	--
Anticonvulsants	27	26	0	11	10	0
Muscle relaxants	48	49	0	9	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.

Louisville-Jefferson County, KY-IN

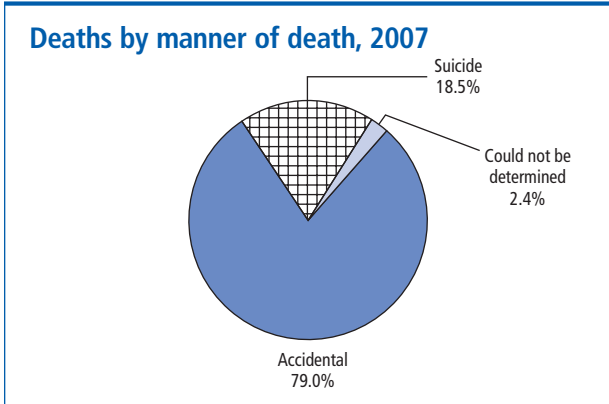


Deaths reported to DAWN
 Drug-related 101
 Drug-related suicide 23

Metro area population, 2007
 1,233,735

Population covered by DAWN
 746,074

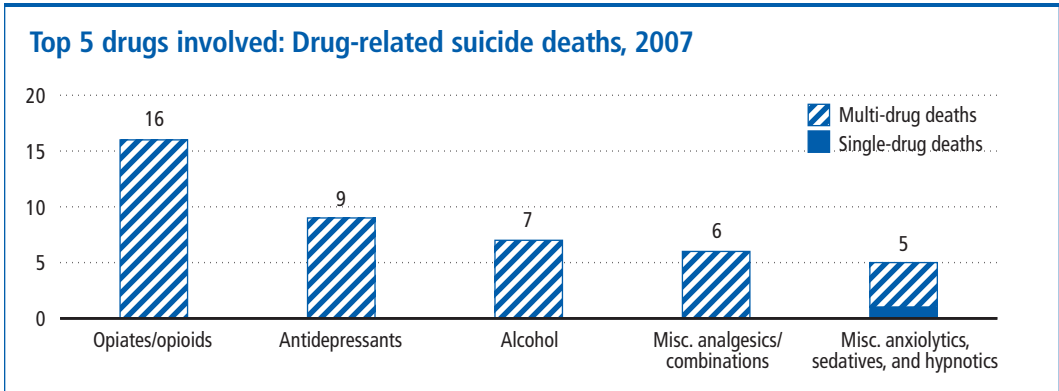
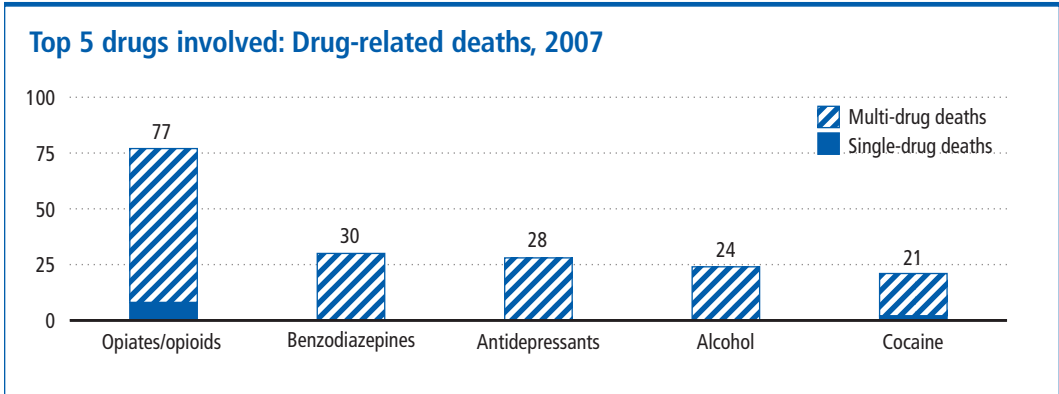
Percent of population covered by DAWN
 60%



Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (2)	101	13.5	23	3.1	746,074
1. Clark County, IN					105,035
2. Floyd County, IN					73,064
3. Harrison County, IN	1	2.7	0	0.0	36,810
4. Washington County, IN					27,920
5. Bullitt County, KY					73,931
6. Henry County, KY					15,711
7. Jefferson County, KY	100	14.1	23	3.2	709,264
8. Meade County, KY					27,270
9. Nelson County, KY					42,517
10. Oldham County, KY					55,935
11. Shelby County, KY					40,458
12. Spencer County, KY					16,837
13. Trimble County, KY					8,983

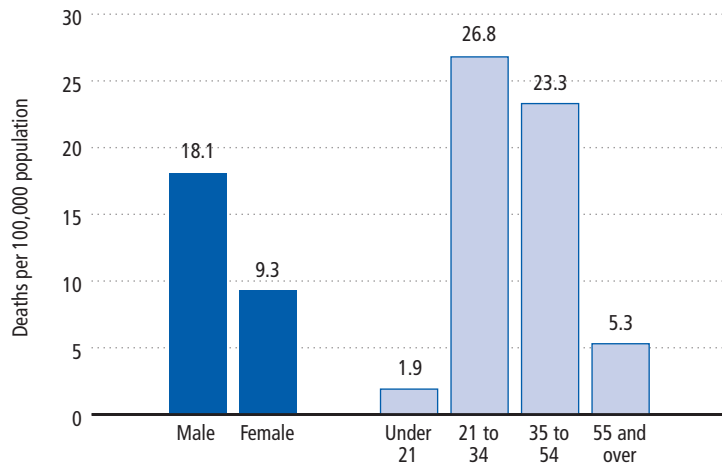
Shaded areas did not participate in DAWN this year.



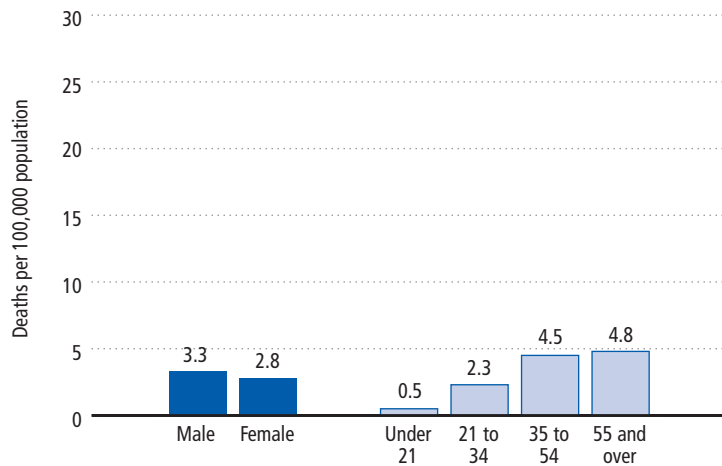
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	26	Health care facility	--
Home	58	Home	18
Public place	7	Public place	--
Other	10	Other	--
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	71	100	13	7	23	--
Alcohol*	24	24	0	--	7	--
Cocaine	18	21	--	0	--	--
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	0	--
Antidepressants	18	28	0	4	9	--
Antipsychotics	4	--	0	0	--	--
Benzodiazepines	18	30	0	--	5	--
Misc. anxiolytics, sedatives, and hypnotics	12	20	0	--	5	--
Opiates/opioids	58	76	8	4	16	--
Heroin (specified)	0	0	0	0	0	--
Methadone	28	37	4	0	--	--
All other opiates/opioids	38	49	4	4	15	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	0	0	0	--	0	--
Misc. analgesics/combinations	12	11	0	--	6	--
Anticonvulsants	0	--	0	0	0	--
Muscle relaxants	--	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.

Manchester-Nashua, NH



Deaths reported to DAWN
 Drug-related 40
 Drug-related suicide 12

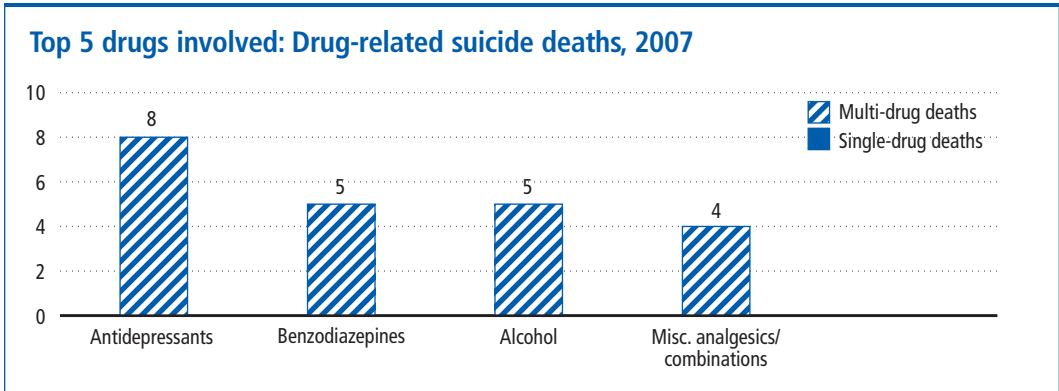
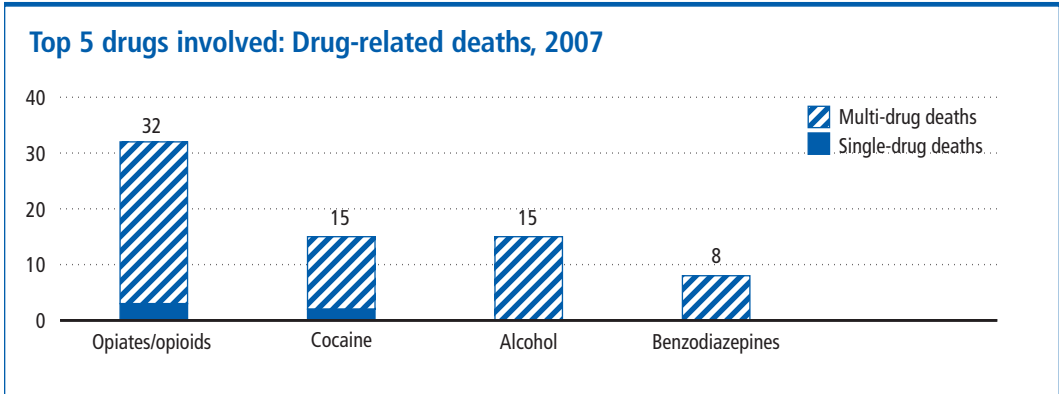
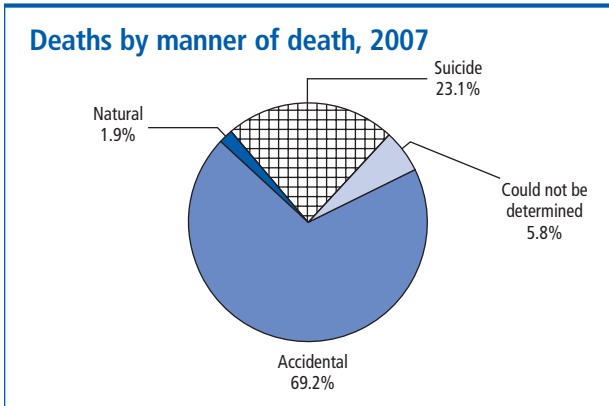
Metro area population, 2007
 402,302

Population covered by DAWN
 402,302

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2007

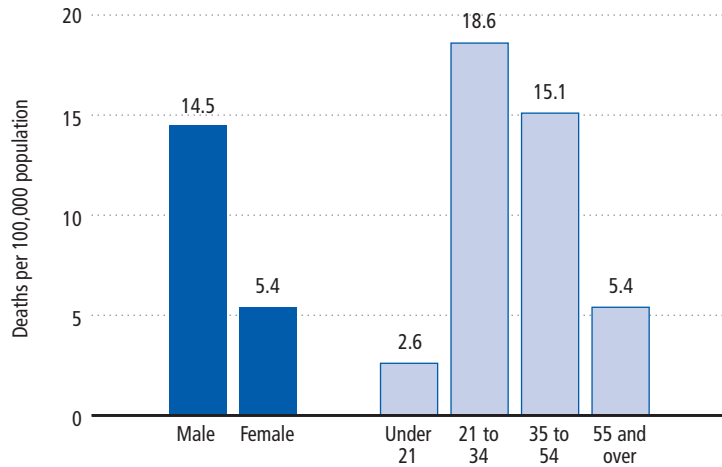
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	40	9.9	12	3.0	402,302
1. Hillsborough County, NH	40	9.9	12	3.0	402,302



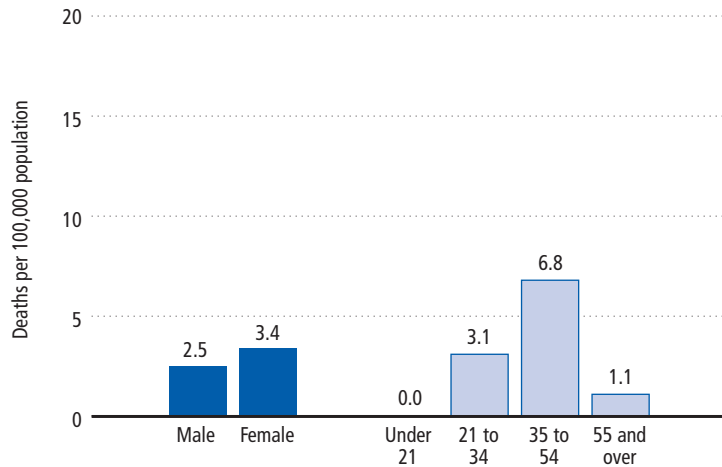
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

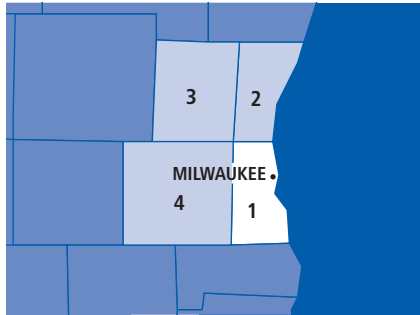
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	15	Health care facility	--
Home	23	Home	8
Public place	0	Public place	0
Other	--	Other	--
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	33	40	7	4	12	0
Alcohol*	11	15	0	--	5	--
Cocaine	8	15	--	0	--	--
Marijuana	0	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	0	0
Antidepressants	4	--	0	--	8	--
Antipsychotics	--	--	0	--	--	--
Benzodiazepines	7	8	0	--	5	--
Misc. anxiolytics, sedatives, and hypnotics	--	--	0	--	--	--
Opiates/opioids	23	32	--	--	--	--
Heroin (specified)	--	5	--	0	0	--
Methadone	8	9	0	0	0	0
All other opiates/opioids	15	21	--	--	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	0	0	0	0	0
Misc. analgesics/combinations	0	--	0	--	4	--
Anticonvulsants	0	0	0	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 178
 Drug-related suicide 16

Metro area population, 2007
 1,544,398

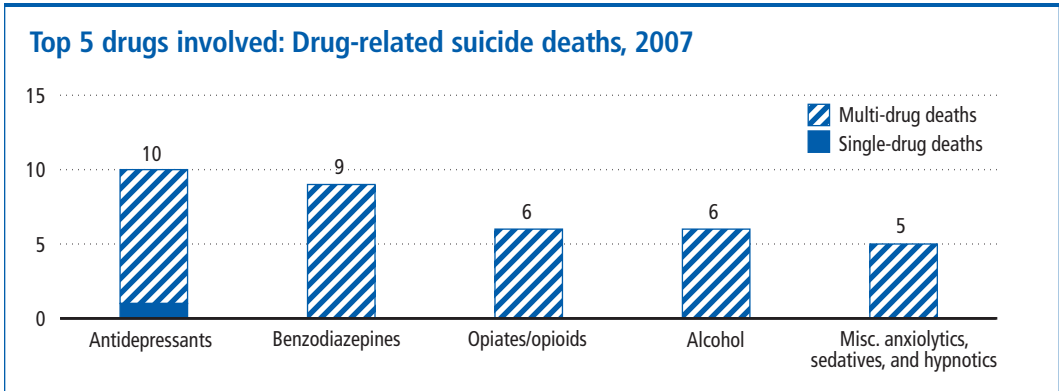
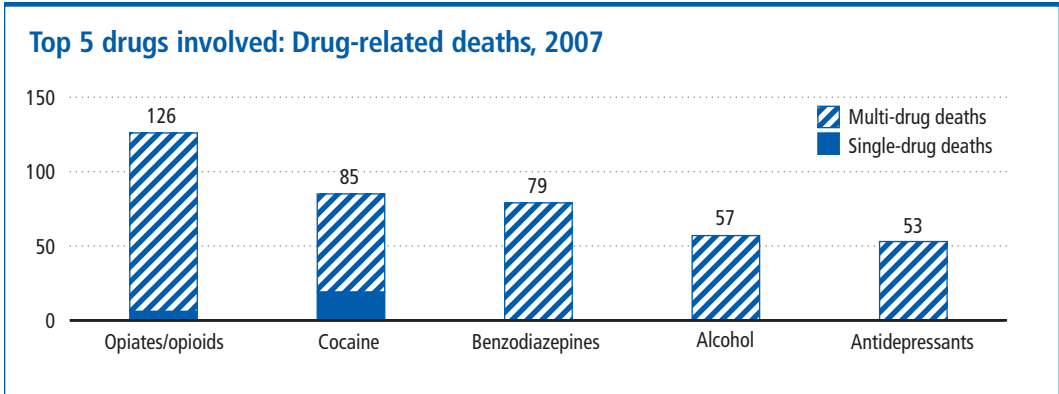
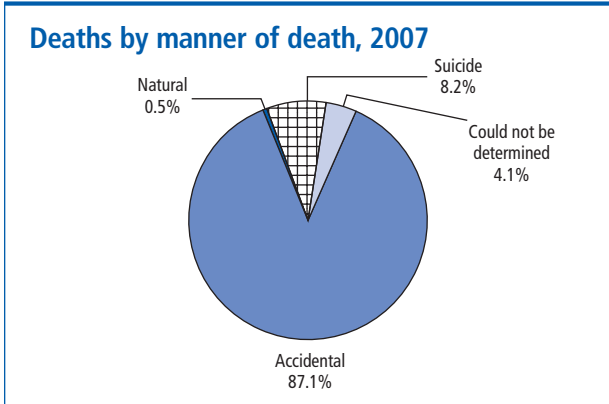
Population covered by DAWN
 951,252

Percent of population covered by DAWN
 62%

Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	178	18.7	16	1.7	951,252
1. Milwaukee County, WI	178	18.7	16	1.7	951,252
2. Ozaukee County, WI					85,602
3. Washington County, WI					128,211
4. Waukesha County, WI					379,333

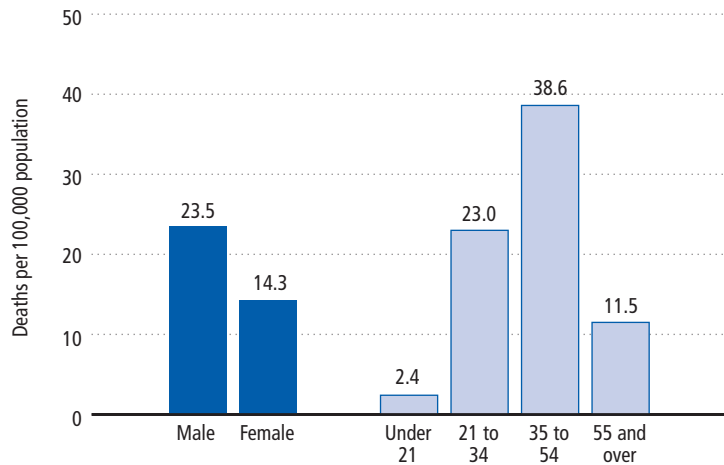
Shaded areas did not participate in DAWN this year.



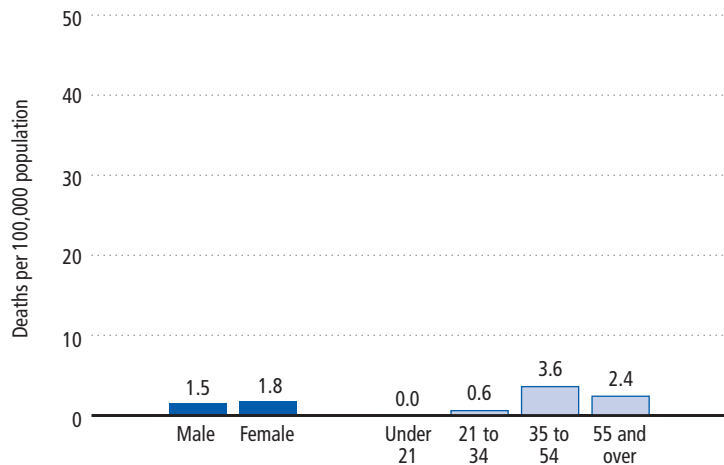
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

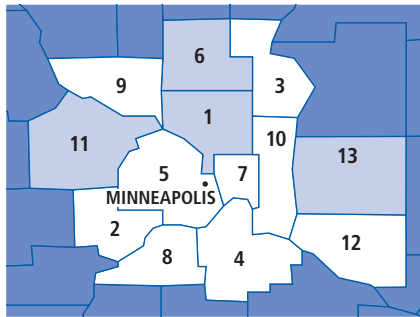
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	29	Health care facility	--
Home	123	Home	15
Public place	5	Public place	0
Other	21	Other	0
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	179	178	26	11	16	--
Alcohol*	46	57	0	5	6	--
Cocaine	101	85	19	--	--	--
Marijuana	8	--	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	--	--
Antidepressants	44	53	0	5	10	--
Antipsychotics	12	7	0	0	--	--
Benzodiazepines	65	79	0	4	9	--
Misc. anxiolytics, sedatives, and hypnotics	28	29	0	4	5	--
Opiates/opioids	135	126	6	5	6	--
Heroin (specified)	18	20	0	0	0	--
Methadone	51	50	4	0	4	--
All other opiates/opioids	97	88	--	5	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	--	0	0	0	--	--
Misc. analgesics/combinations	--	11	--	4	0	--
Anticonvulsants	18	12	0	0	4	--
Muscle relaxants	13	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.

Minneapolis-St. Paul-Bloomington, MN-WI

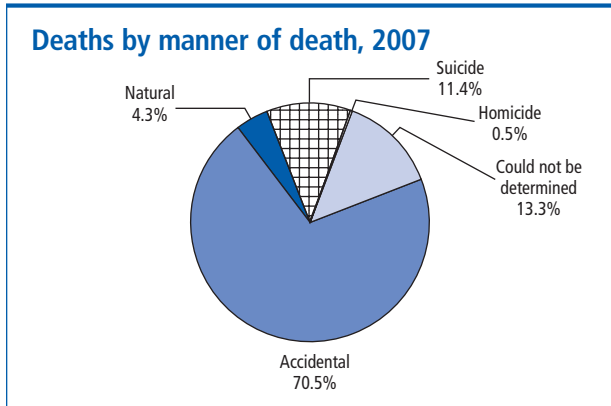


Deaths reported to DAWN
 Drug-related 186
 Drug-related suicide 24

Metro area population, 2007
 3,208,212

Population covered by DAWN
 2,644,536

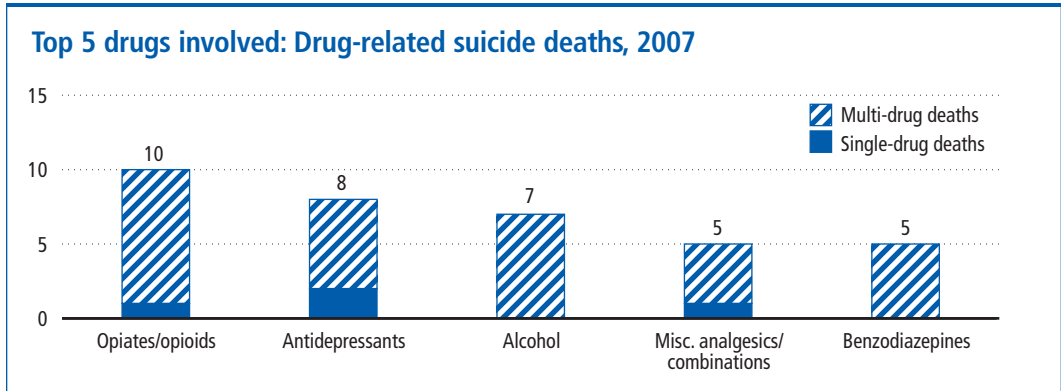
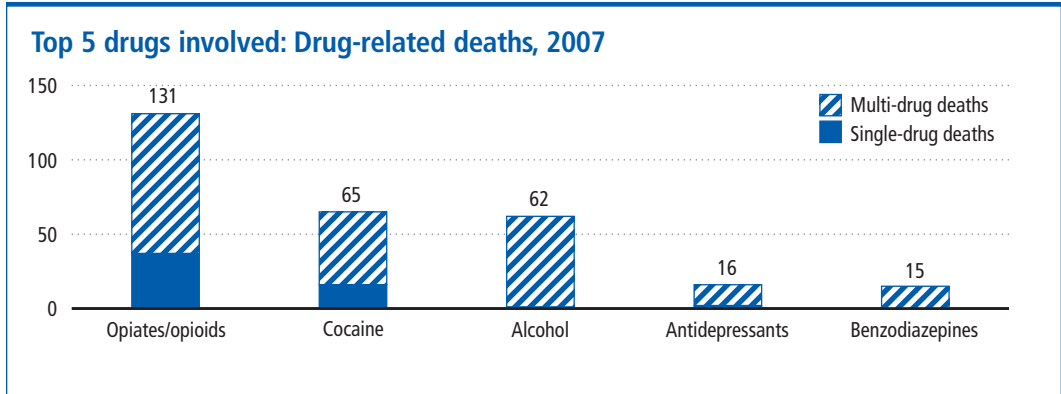
Percent of population covered by DAWN
 82%



Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (9)	186	7.0	24	0.9	2,644,536
1. Anoka County, MN					326,252
2. Carver County, MN	2	2.3	0	0.0	88,459
3. Chisago County, MN	2	4.0	1	2.0	50,128
4. Dakota County, MN	14	3.6	1	0.3	390,478
5. Hennepin County, MN	97	8.5	9	0.8	1,136,599
6. Isanti County, MN					38,921
7. Ramsey County, MN	56	11.2	6	1.2	499,891
8. Scott County, MN	3	2.4	1	0.8	126,642
9. Sherburne County, MN	3	3.5	0	0.0	86,287
10. Washington County, MN	8	3.5	5	2.2	226,475
11. Wright County, MN					117,372
12. Pierce County, WI	1	2.5	1	2.5	39,577
13. St. Croix County, WI					81,131

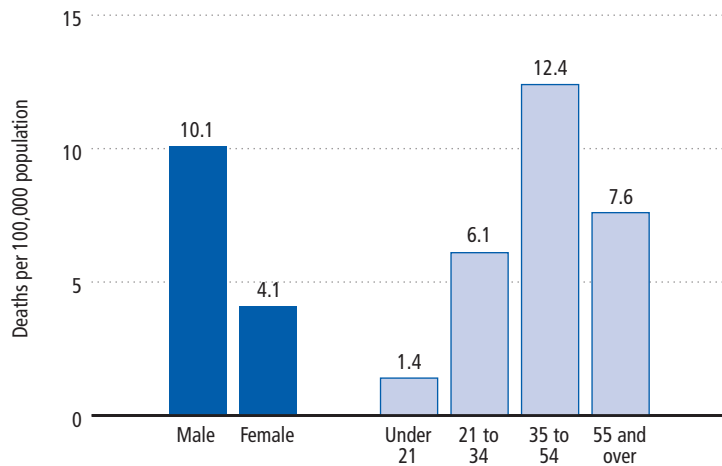
Shaded areas did not participate in DAWN this year.



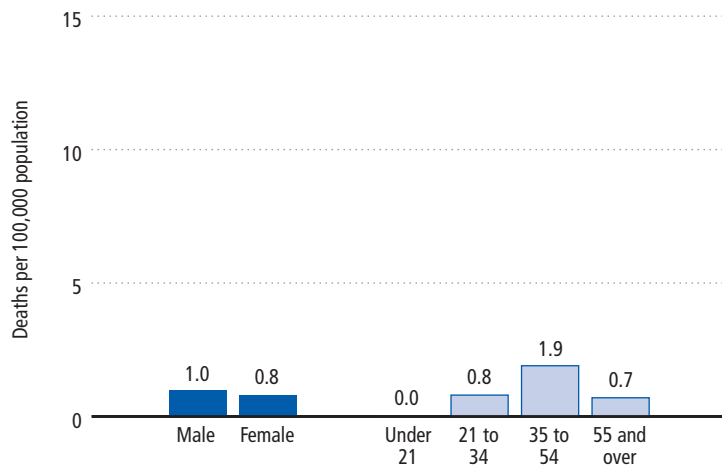
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

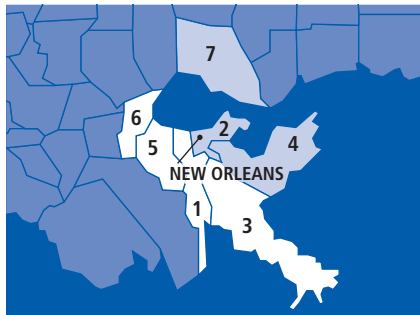
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	33	Health care facility	4
Home	117	Home	18
Public place	5	Public place	--
Other	31	Other	--
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	181	186	71	47	24	7
Alcohol*	57	62	--	15	7	0
Cocaine	59	65	16	5	--	0
Marijuana	--	10	--	--	0	0
Stimulants	12	10	--	--	--	0
Club drugs†	--	0	0	0	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	0	0	0	0	--	--
Antidepressants	15	16	--	12	8	--
Antipsychotics	--	--	0	8	--	--
Benzodiazepines	25	15	0	6	5	0
Misc. anxiolytics, sedatives, and hypnotics	4	6	0	9	4	0
Opiates/opioids	115	131	37	14	10	--
Heroin (specified)	12	5	0	0	0	0
Methadone	37	43	15	4	--	0
All other opiates/opioids	82	95	22	13	9	--
Nonsteroidal anti-inflammatory agents	--	5	0	0	0	0
Salicylates/combinations	--	--	0	--	0	0
Misc. analgesics/combinations	9	14	7	10	5	--
Anticonvulsants	0	--	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.

New Orleans-Metairie-Kenner, LA

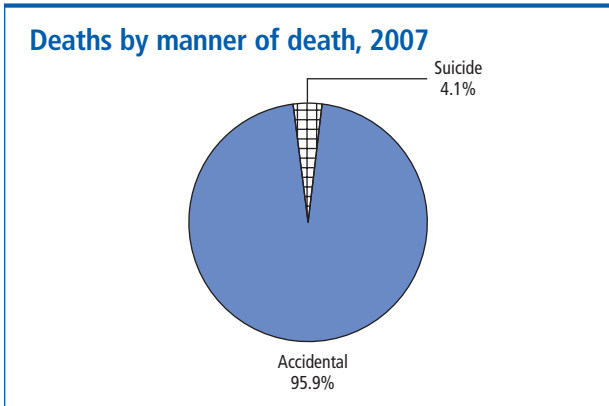


Deaths reported to DAWN
 Drug-related 142
 Drug-related suicide 6

Metro area population, 2007
 1,030,363

Population covered by DAWN
 544,788

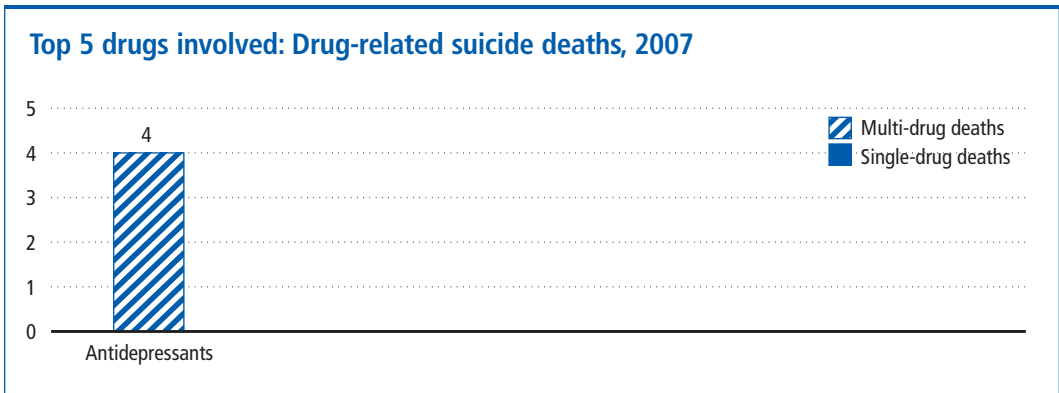
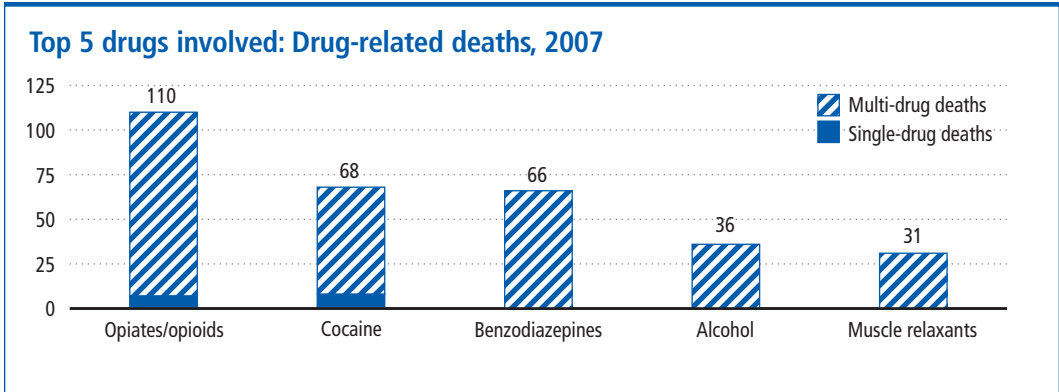
Percent of population covered by DAWN
 53%



Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (4)	142	26.1	6	1.1	544,788
1. Jefferson Parish, LA	120	28.3	5	1.2	423,520
2. Orleans Parish, LA					239,124
3. Plaquemines Parish, LA	7	32.5	0	0.0	21,540
4. St. Bernard Parish, LA					19,826
5. St. Charles Parish, LA	12	23.1	1	1.9	52,044
6. St. John the Baptist Parish, LA	3	6.3	0	0.0	47,684
7. St. Tammany Parish, LA					226,625

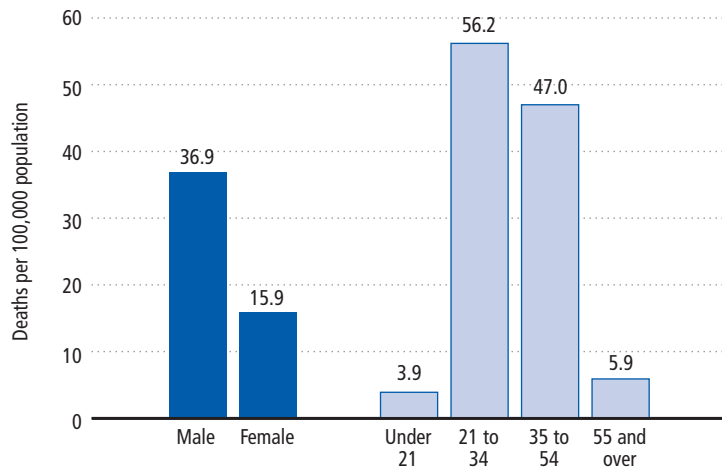
Shaded areas did not participate in DAWN this year.



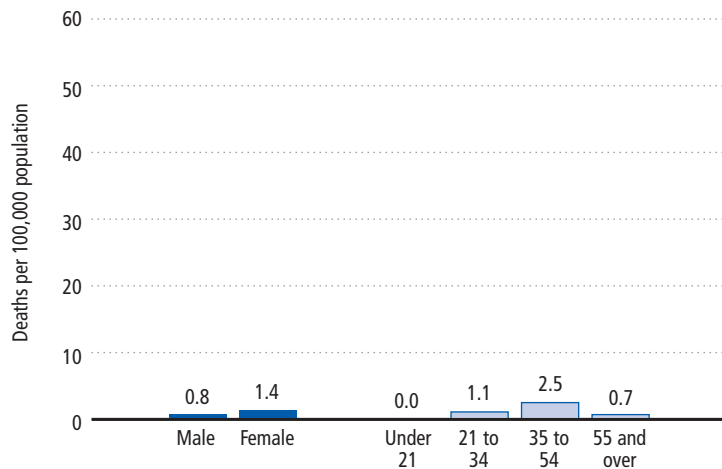
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

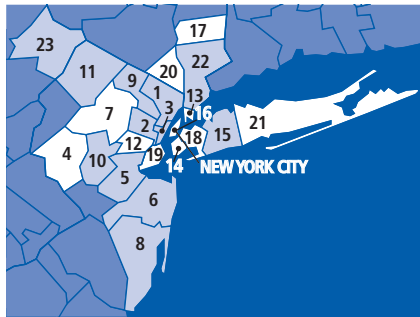
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	12	Health care facility	--
Home	86	Home	--
Public place	--	Public place	--
Other	42	Other	--
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	153	135	15	--	6	--
Alcohol*	35	35	0	--	--	--
Cocaine	79	66	8	--	0	--
Marijuana	24	28	0	--	--	--
Stimulants	12	5	0	--	0	--
Club drugs†	5	0	0	--	0	--
Hallucinogens††	0	0	0	--	0	--
Inhalants	0	--	0	--	0	--
Antidepressants	12	12	0	--	4	--
Antipsychotics	--	--	0	--	--	--
Benzodiazepines	64	63	0	--	--	--
Misc. anxiolytics, sedatives, and hypnotics	27	16	0	--	0	--
Opiates/opioids	107	104	7	--	--	--
Heroin (specified)	6	10	0	--	0	--
Methadone	49	52	5	--	0	--
All other opiates/opioids	81	71	--	--	--	--
Nonsteroidal anti-inflammatory agents	--	0	0	--	0	--
Salicylates/combinations	0	0	0	--	0	--
Misc. analgesics/combinations	17	20	0	--	--	--
Anticonvulsants	--	--	0	--	0	--
Muscle relaxants	39	29	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 York-Northern New Jersey-Long Island, NY-NJ-PA

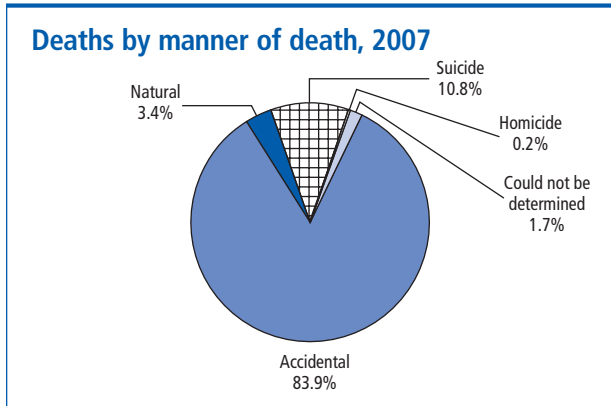


Deaths reported to DAWN
 Drug-related 1,031
 Drug-related suicide 125

Metro area population, 2007
 18,815,988

Population covered by DAWN
 11,266,209

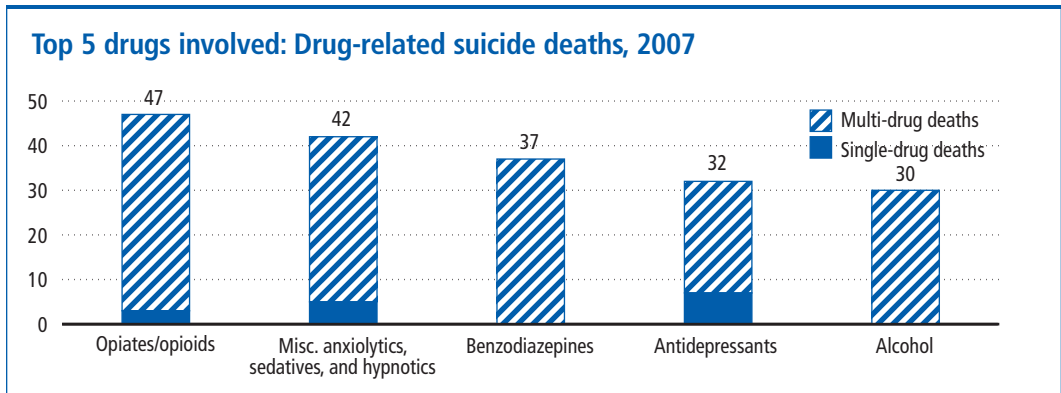
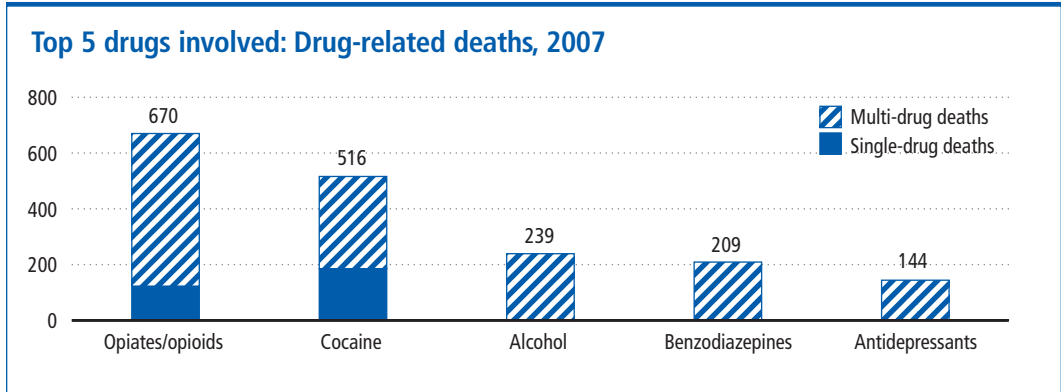
Percent of population covered by DAWN
 60%



Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (11)	1,031	9.2	125	1.1	11,266,209
1. Bergen County, NJ					895,744
2. Essex County, NJ					776,087
3. Hudson County, NJ					598,160
4. Hunterdon County, NJ	6	4.6	3	2.3	129,348
5. Middlesex County, NJ					788,629
6. Monmouth County, NJ					642,030
7. Morris County, NJ	31	6.3	8	1.6	488,475
8. Ocean County, NJ					565,493
9. Passaic County, NJ					492,115
10. Somerset County, NJ					323,552
11. Sussex County, NJ					151,478
12. Union County, NJ	55	10.5	13	2.5	524,658
13. Bronx County, NY	191	13.9	11	0.8	1,373,659
14. Kings County, NY	195	7.7	15	0.6	2,528,050
15. Nassau County, NY					1,306,533
16. New York County, NY	160	9.9	28	1.7	1,620,867
17. Putnam County, NY	22	22.1	3	3.0	99,489
18. Queens County, NY	140	6.2	19	0.8	2,270,338
19. Richmond County, NY	43	8.9	2	0.4	481,613
20. Rockland County, NY	5	1.7	0	0.0	296,483
21. Suffolk County, NY	183	12.6	23	1.6	1,453,229
22. Westchester County, NY					951,325
23. Pike County, PA					58,633

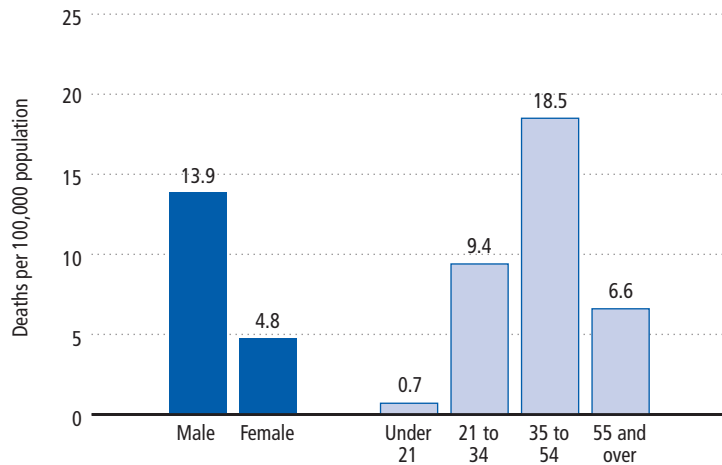
Shaded areas did not participate in DAWN this year.



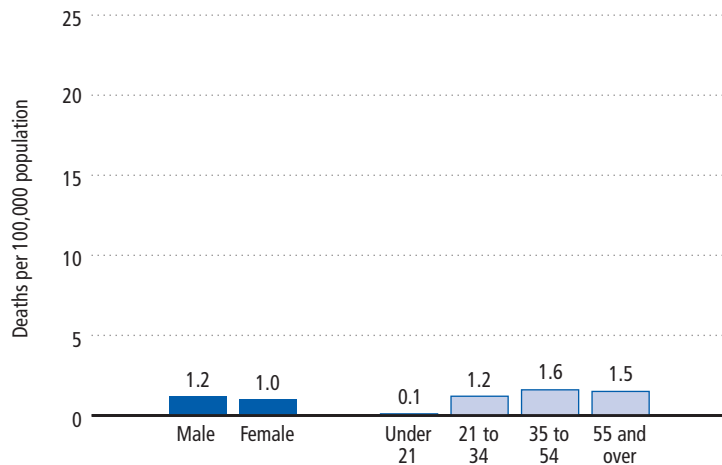
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

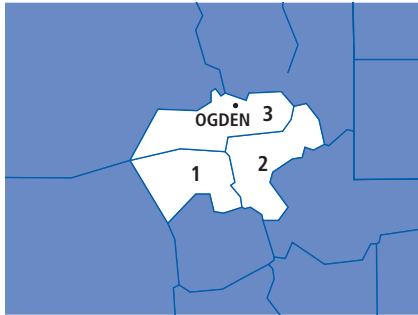
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	300	Health care facility	20
Home	577	Home	85
Public place	66	Public place	9
Other	87	Other	11
Not documented	--	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	1,101	1,025	341	79	122	36
Alcohol*	298	234	--	18	29	0
Cocaine	549	515	185	12	12	--
Marijuana	43	21	--	--	--	--
Stimulants	14	15	--	0	--	--
Club drugs†	8	7	--	0	0	0
Hallucinogens††	8	13	--	0	--	0
Inhalants	--	4	4	--	5	--
Antidepressants	186	144	--	33	32	7
Antipsychotics	82	58	--	16	13	--
Benzodiazepines	269	209	--	26	37	0
Misc. anxiolytics, sedatives, and hypnotics	151	104	4	23	40	5
Opiates/opioids	779	664	121	30	46	--
Heroin (specified)	97	153	45	--	--	0
Methadone	293	245	33	7	--	0
All other opiates/opioids	542	389	43	24	42	--
Nonsteroidal anti-inflammatory agents	--	0	0	--	--	0
Salicylates/combinations	5	4	--	--	--	0
Misc. analgesics/combinations	107	52	--	18	22	--
Anticonvulsants	18	14	--	5	--	--
Muscle relaxants	34	26	--	--	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.

Ogden-Clearfield, UT



Deaths reported to DAWN
 Drug-related 82
 Drug-related suicide 14

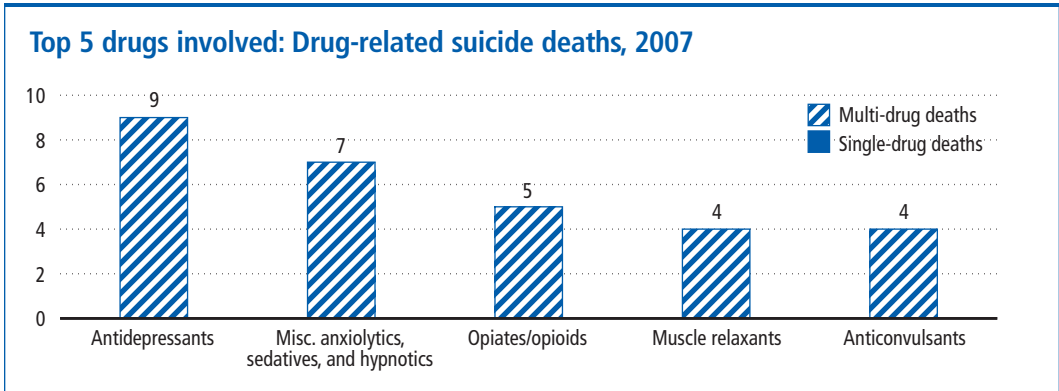
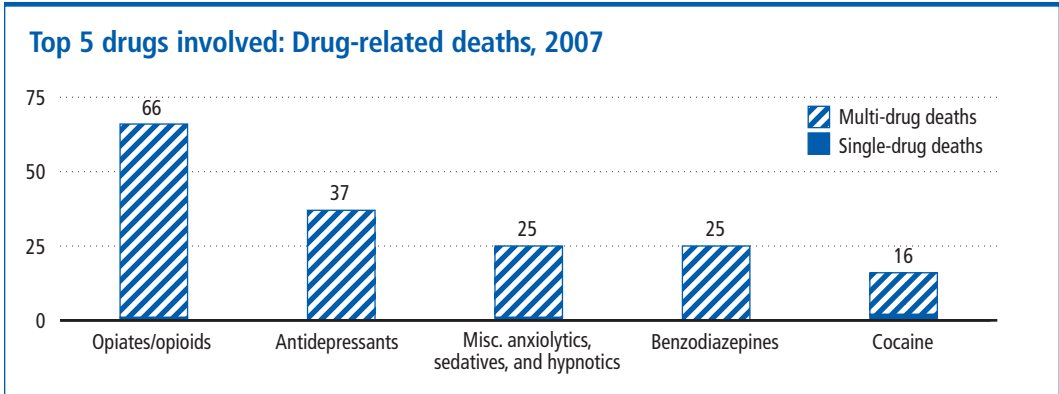
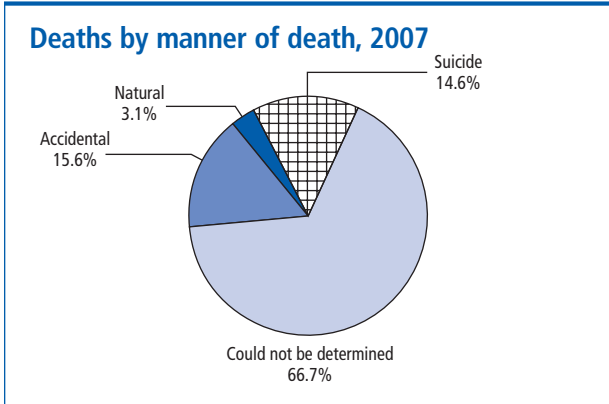
Metro area population, 2007
 518,349

Population covered by DAWN
 518,349

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2007

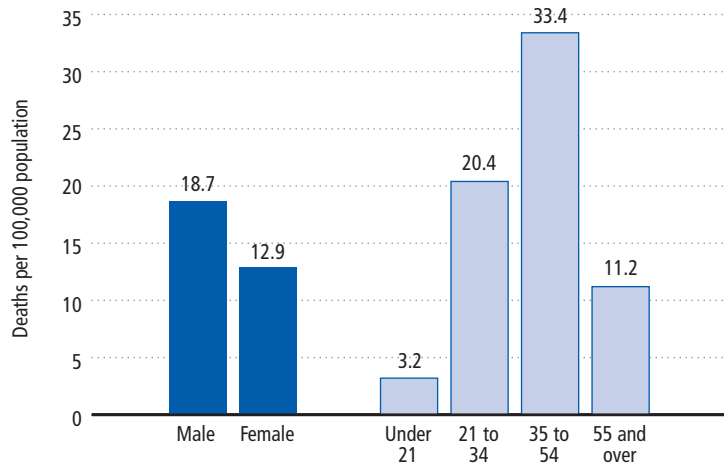
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (3)	82	15.8	14	2.7	518,349
1. Davis County, UT	36	12.5	7	2.4	288,146
2. Morgan County, UT	0	0.0	0	0.0	8,357
3. Weber County, UT	46	20.7	7	3.2	221,846



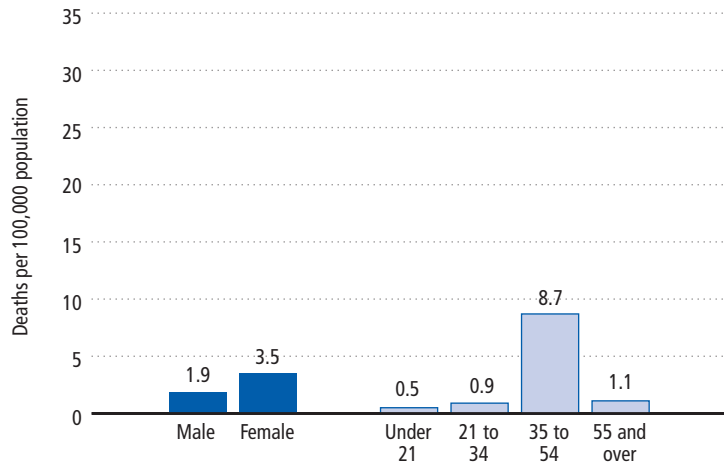
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

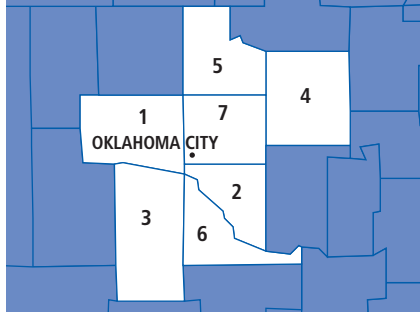
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	24	Health care facility	4
Home	53	Home	7
Public place	0	Public place	--
Other	5	Other	--
Not documented	0	Not documented	--

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	56	82	4	10	14	0
Alcohol*	10	7	0	4	4	
Cocaine	11	16	--	0	0	
Marijuana	7	13	0	0	0	
Stimulants	8	10	0	0	0	
Club drugs†	0	--	0	0	0	
Hallucinogens††	0	0	0	0	0	
Inhalants	--	--	0	0	0	
Antidepressants	24	37	0	6	9	
Antipsychotics	--	4	0	--	--	
Benzodiazepines	24	25	0	4	4	
Misc. anxiolytics, sedatives, and hypnotics	12	25	--	6	7	
Opiates/opioids	48	66	--	5	5	
Heroin (specified)	4	5	0	0	0	
Methadone	14	11	0	0	0	
All other opiates/opioids	40	61	--	5	5	
Nonsteroidal anti-inflammatory agents	--	0	0	0	0	
Salicylates/combinations	0	--	0	--	0	
Misc. analgesics/combinations	4	10	0	4	--	
Anticonvulsants	6	5	0	--	4	
Muscle relaxants	7	12	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.

Oklahoma City, OK

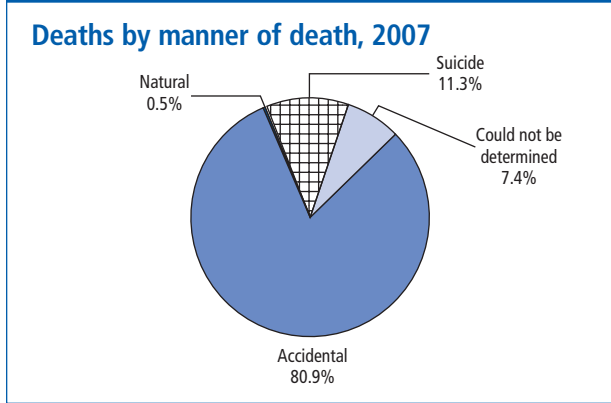


Deaths reported to DAWN
 Drug-related 181
 Drug-related suicide 23

Metro area population, 2007
 1,192,989

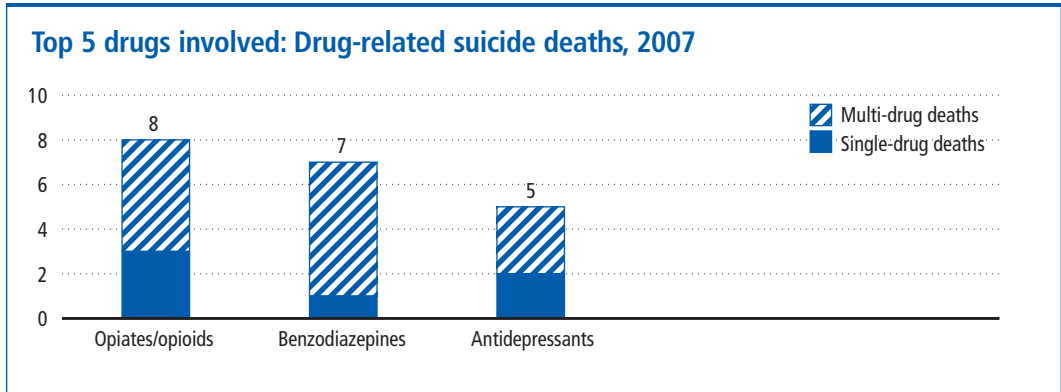
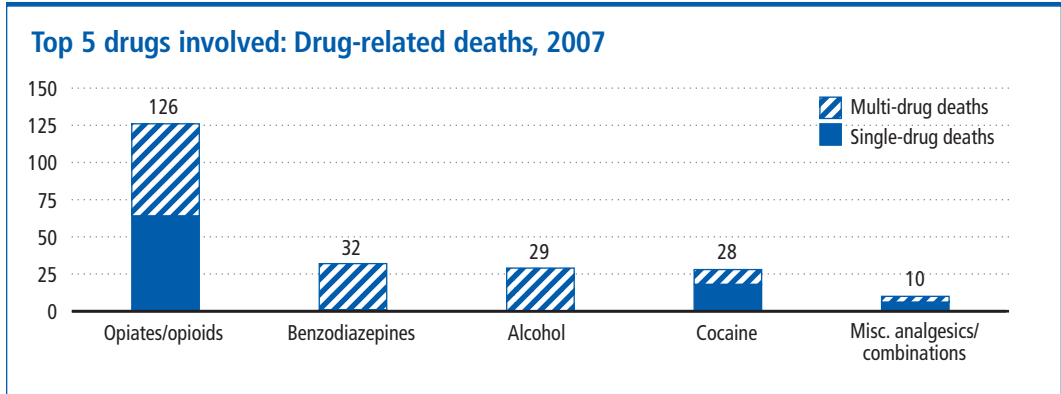
Population covered by DAWN
 1,192,989

Percent of population covered by DAWN
 100%



Metro area overview: Deaths and population by county, 2007

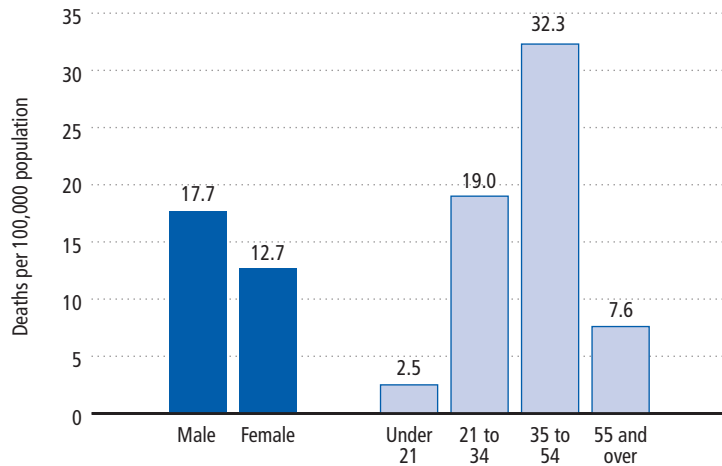
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (7)	181	15.2	23	1.9	1,192,989
1. Canadian County, OK	9	8.7	2	1.9	103,559
2. Cleveland County, OK	14	5.9	4	1.7	236,452
3. Grady County, OK	4	7.9	2	4.0	50,615
4. Lincoln County, OK	5	15.5	0	0.0	32,272
5. Logan County, OK	3	8.2	0	0.0	36,435
6. McClain County, OK	4	12.6	1	3.1	31,849
7. Oklahoma County, OK	142	20.2	14	2.0	701,807



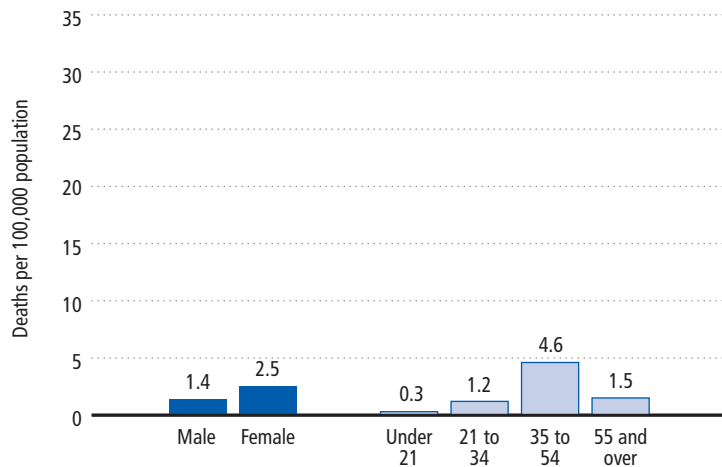
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

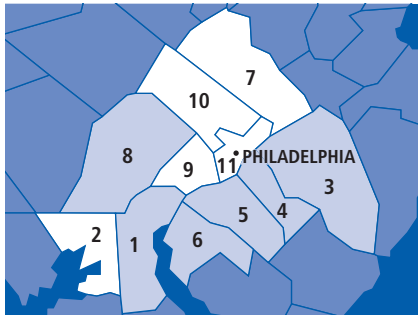
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	47	Health care facility	6
Home	118	Home	13
Public place	5	Public place	--
Other	11	Other	--
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	86	181	103	16	23	14
Alcohol*	17	29	0	4	--	0
Cocaine	11	28	18	0	0	0
Marijuana	0	0	0	0	0	0
Stimulants	7	6	--	0	0	0
Club drugs†	0	--	--	0	0	0
Hallucinogens††	0	--	--	0	0	0
Inhalants	0	--	--	0	--	--
Antidepressants	7	8	--	6	5	--
Antipsychotics	4	--	--	--	--	--
Benzodiazepines	16	32	--	--	7	--
Misc. anxiolytics, sedatives, and hypnotics	--	5	--	--	--	0
Opiates/opioids	59	126	64	--	8	--
Heroin (specified)	--	--	--	0	0	0
Methadone	16	37	23	0	--	--
All other opiates/opioids	42	93	40	--	6	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	0	0	--	--	--
Misc. analgesics/combinations	4	10	6	--	--	--
Anticonvulsants	--	--	0	0	--	0
Muscle relaxants	9	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.

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



Deaths reported to DAWN
 Drug-related 659
 Drug-related suicide 50

Metro area population, 2007
 5,827,962

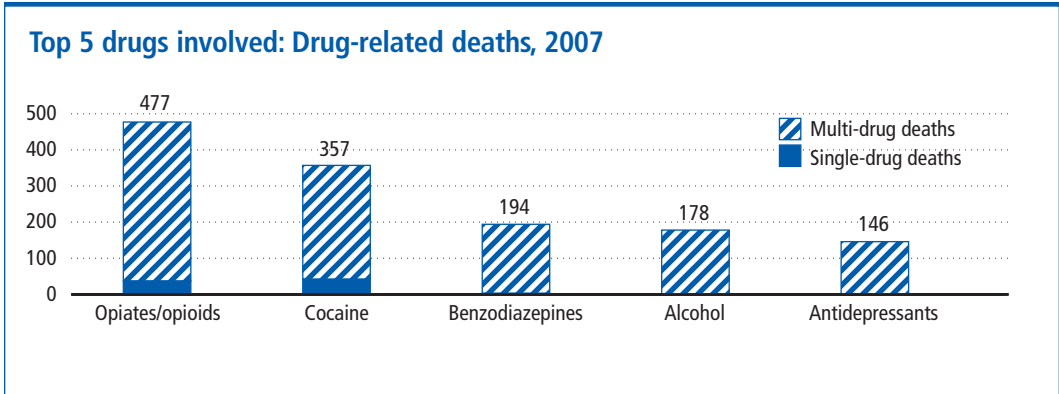
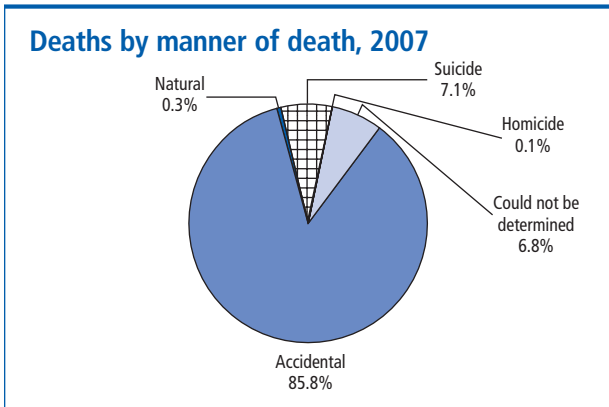
Population covered by DAWN
 3,501,044

Percent of population covered by DAWN
 60%

Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (5)	659	18.8	50	1.4	3,501,044
1. New Castle County, DE					528,218
2. Cecil County, MD	24	24.1	3	3.0	99,695
3. Burlington County, NJ					446,817
4. Camden County, NJ					513,769
5. Gloucester County, NJ					285,753
6. Salem County, NJ					66,016
7. Bucks County, PA	66	10.6	5	0.8	621,144
8. Chester County, PA					486,345
9. Delaware County, PA	82	14.8	24	4.3	554,399
10. Montgomery County, PA	70	9.0	10	1.3	776,172
11. Philadelphia County, PA	417	28.8	8	0.6	1,449,634

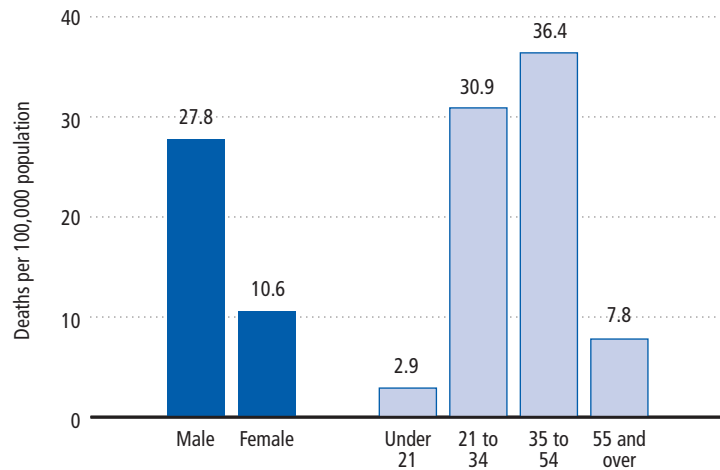
Shaded areas did not participate in DAWN this year.



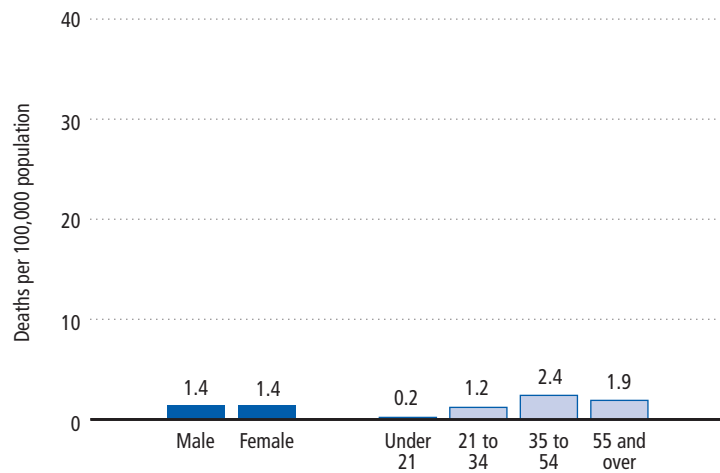
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	198	Health care facility	8
Home	335	Home	38
Public place	30	Public place	0
Other	92	Other	4
Not documented	4	Not documented	0

Drug-related deaths by drug category, 2006-2007

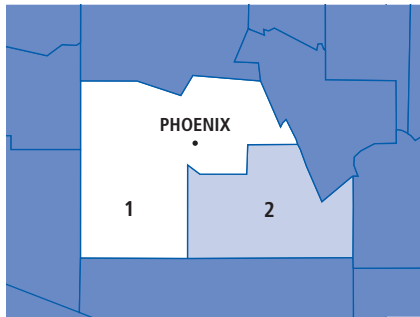
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	911	659	93	42	50	10
Alcohol*	265	178	--	20	22	0
Cocaine	552	357	42	8	7	--
Marijuana	25	14	0	0	--	0
Stimulants	23	16	--	--	0	0
Club drugs†	6	--	0	--	0	0
Hallucinogens††	37	23	0	0	0	0
Inhalants	--	0	0	--	5	--
Antidepressants	207	146	--	20	20	--
Antipsychotics	51	41	--	5	6	0
Benzodiazepines	278	194	--	10	17	--
Misc. anxiolytics, sedatives, and hypnotics	181	138	--	10	12	--
Opiates/opioids	684	477	37	21	19	--
Heroin (specified)	212	157	9	0	0	0
Methadone	151	142	14	--	--	0
All other opiates/opioids	598	357	14	19	18	--
Nonsteroidal anti-inflammatory agents	98	71	0	--	--	0
Salicylates/combinations	0	--	0	0	0	0
Misc. analgesics/combinations	39	36	--	6	12	0
Anticonvulsants	50	34	0	--	7	0
Muscle relaxants	46	34	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.

Phoenix-Mesa-Scottsdale, AZ



Deaths reported to DAWN
 Drug-related 668
 Drug-related suicide 173

Metro area population, 2007
 4,179,427

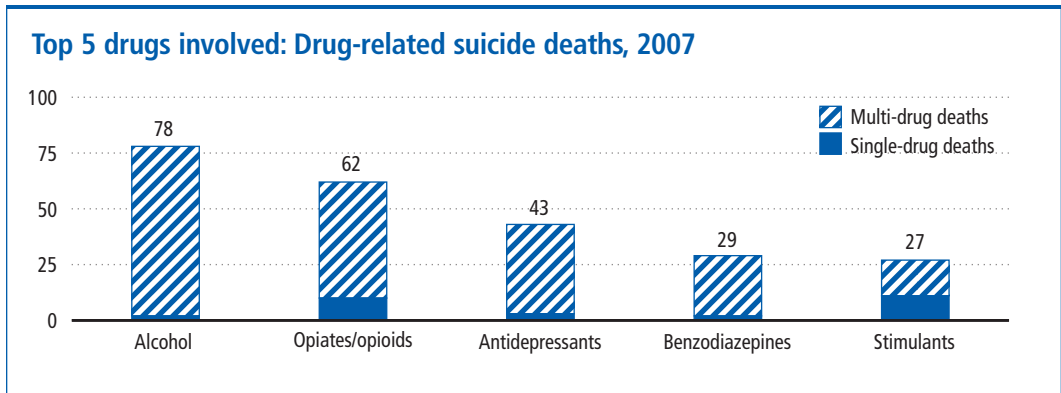
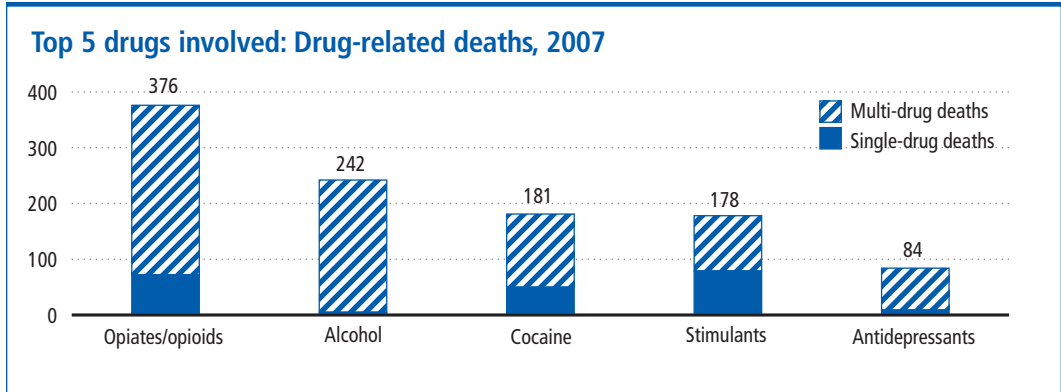
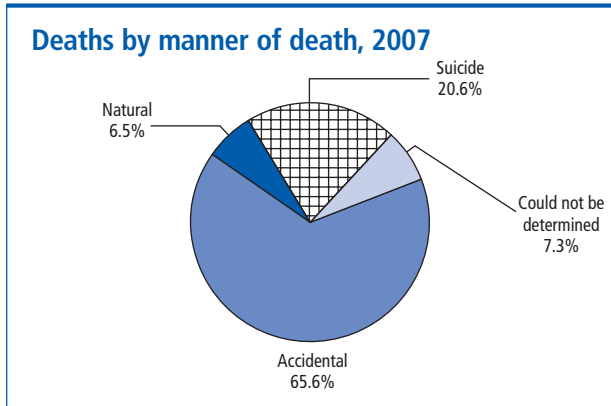
Population covered by DAWN
 3,880,181

Percent of population covered by DAWN
 93%

Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	668	17.2	173	4.5	3,880,181
1. Maricopa County, AZ	668	17.2	173	4.5	3,880,181
2. Pinal County, AZ					299,246

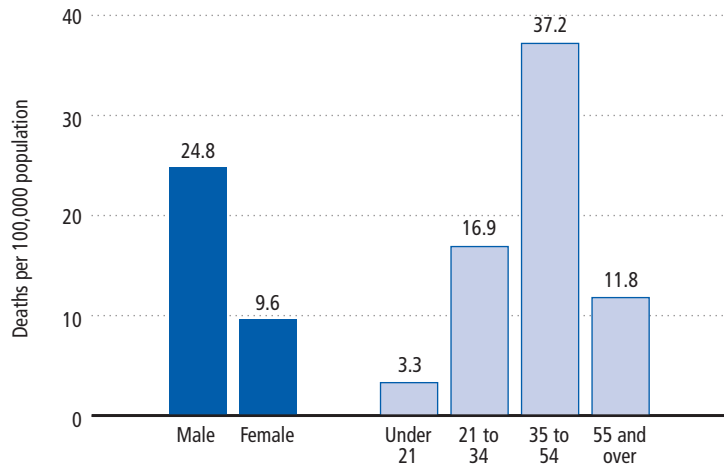
Shaded areas did not participate in DAWN this year.



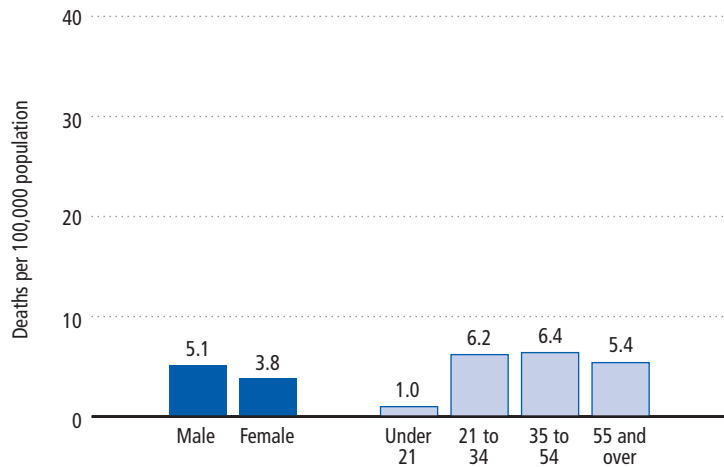
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

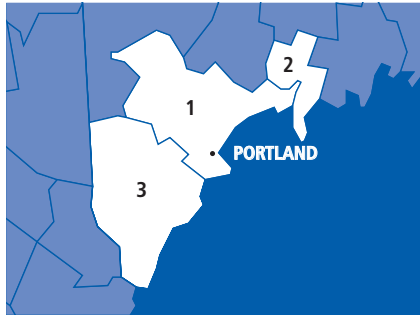
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	239	Health care facility	26
Home	290	Home	108
Public place	70	Public place	18
Other	68	Other	20
Not documented	--	Not documented	--

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	637	668	231	127	173	49
Alcohol*	242	242	5	51	78	--
Cocaine	214	181	50	15	27	--
Marijuana	7	--	0	--	--	0
Stimulants	184	178	79	29	27	11
Club drugs†	7	6	0	0	--	0
Hallucinogens††	4	7	0	--	--	0
Inhalants	--	6	--	--	7	5
Antidepressants	50	84	9	28	43	--
Antipsychotics	22	27	--	6	17	--
Benzodiazepines	60	66	--	14	29	--
Misc. anxiolytics, sedatives, and hypnotics	30	38	0	20	25	--
Opiates/opioids	360	376	72	40	62	10
Heroin (specified)	69	75	18	0	--	--
Methadone	87	75	11	6	7	--
All other opiates/opioids	248	263	43	34	57	7
Nonsteroidal anti-inflammatory agents	0	--	0	0	--	0
Salicylates/combinations	0	0	0	0	4	--
Misc. analgesics/combinations	16	15	4	14	15	--
Anticonvulsants	4	--	0	--	4	0
Muscle relaxants	15	20	0	4	10	--

* 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

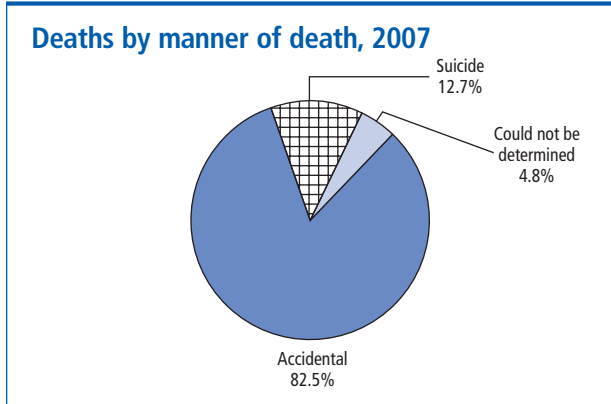


Deaths reported to DAWN
 Drug-related 55
 Drug-related suicide 8

Metro area population, 2007
 513,102

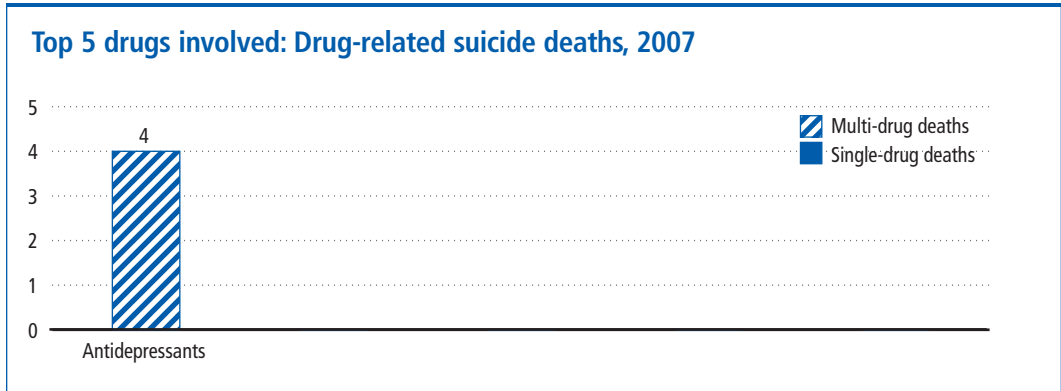
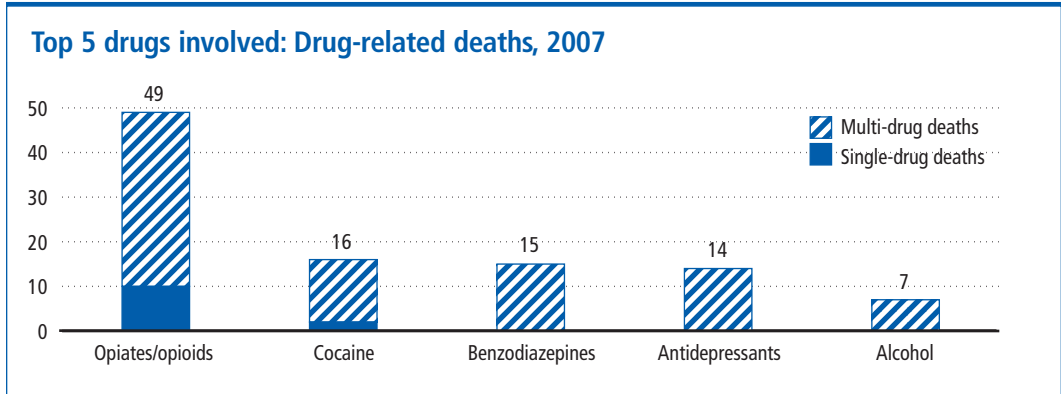
Population covered by DAWN
 513,102

Percent of population covered by DAWN
 100%



Metro area overview: Deaths and population by county, 2007

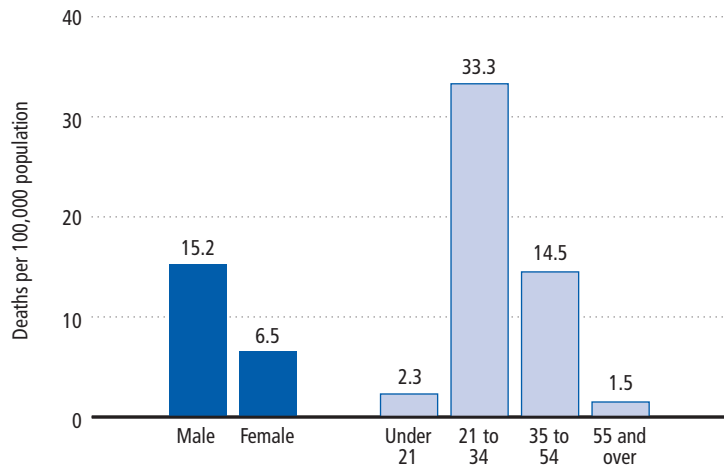
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (3)	55	10.7	8	1.6	513,102
1. Cumberland County, ME	35	12.7	6	2.2	275,374
2. Sagadahoc County, ME	2	5.5	0	0.0	36,387
3. York County, ME	18	8.9	2	1.0	201,341



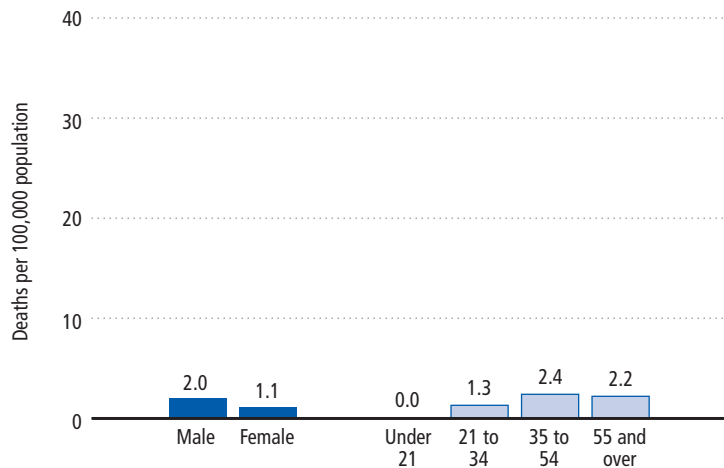
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

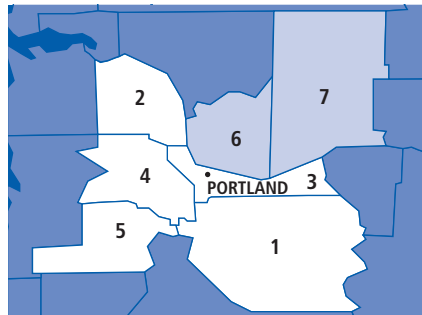
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	14	Health care facility	0
Home	28	Home	7
Public place	--	Public place	0
Other	12	Other	--
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	41	55	13	5	8	--
Alcohol*	10	7	0	--	--	--
Cocaine	10	16	--	0	--	--
Marijuana	0	--	0	0	0	--
Stimulants	0	--	--	0	--	--
Club drugs†	0	0	0	0	0	--
Hallucinogens††	0	0	0	0	0	--
Inhalants	0	0	0	0	0	--
Antidepressants	--	14	0	--	4	--
Antipsychotics	--	--	0	--	--	--
Benzodiazepines	6	15	0	--	0	--
Misc. anxiolytics, sedatives, and hypnotics	--	--	0	0	--	--
Opiates/opioids	32	49	10	--	--	--
Heroin (specified)	--	--	0	0	0	--
Methadone	16	27	6	--	0	--
All other opiates/opioids	15	32	4	--	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	--	--
Salicylates/combinations	--	0	0	--	0	--
Misc. analgesics/combinations	0	0	0	--	--	--
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.

Portland-Vancouver-Beaverton, OR-WA

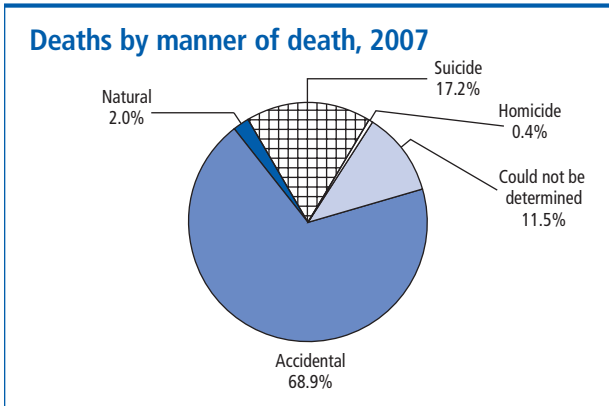


Deaths reported to DAWN
 Drug-related 202
 Drug-related suicide 42

Metro area population, 2007
 2,175,113

Population covered by DAWN
 1,746,320

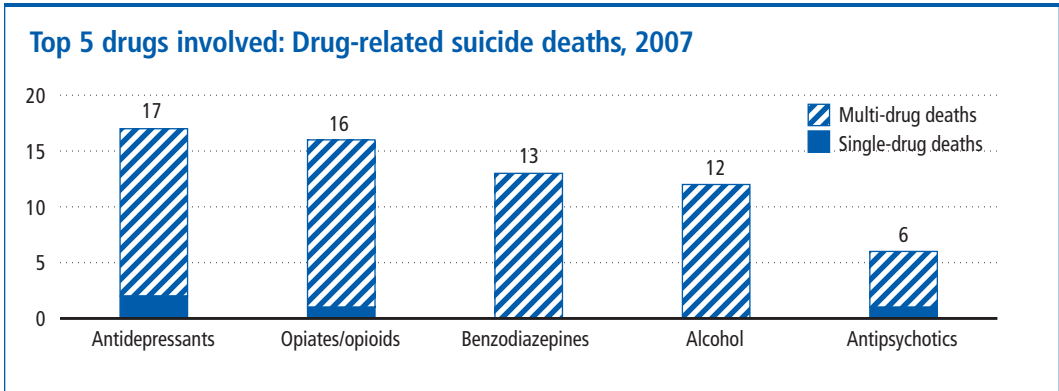
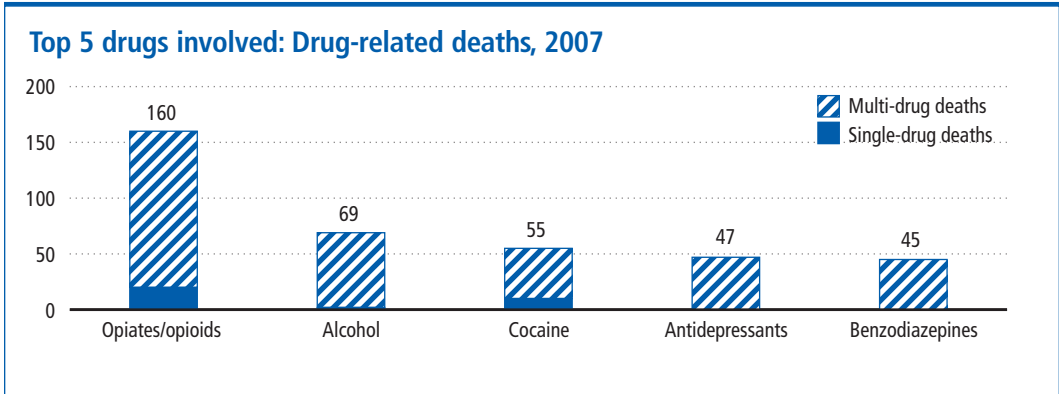
Percent of population covered by DAWN
 80%



Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (5)	202	11.6	42	2.4	1,746,320
1. Clackamas County, OR	14	3.7	7	1.9	376,251
2. Columbia County, OR	2	4.1	0	0.0	48,996
3. Multnomah County, OR	161	22.9	23	3.3	701,986
4. Washington County, OR	25	4.8	11	2.1	522,514
5. Yamhill County, OR	0	0.0	1	1.0	96,573
6. Clark County, WA					418,070
7. Skamania County, WA					10,723

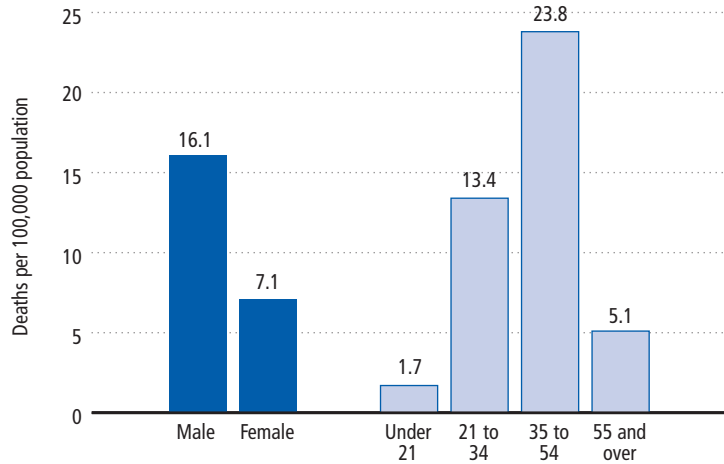
Shaded areas did not participate in DAWN this year.



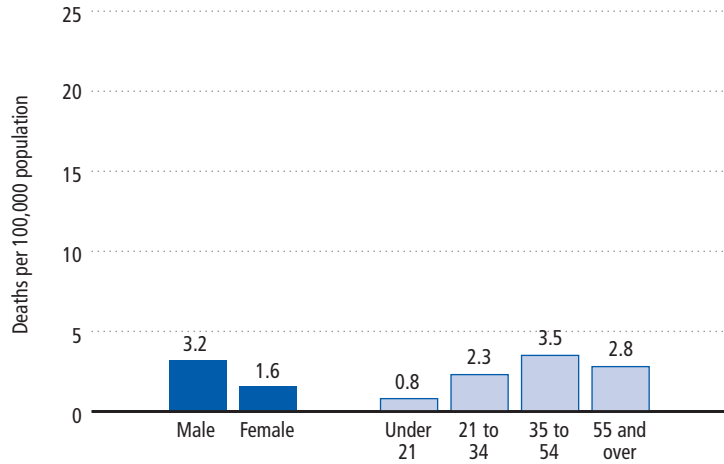
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	39	Health care facility	9
Home	92	Home	27
Public place	15	Public place	--
Other	56	Other	--
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

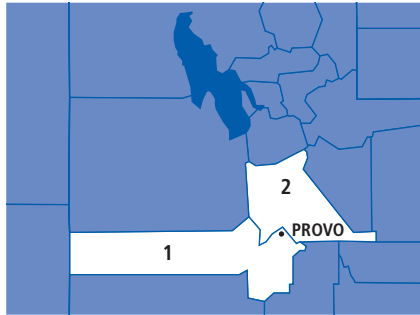
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	183	200	34	47	41	12
Alcohol*	40	68	--	18	12	0
Cocaine	54	55	10	--	--	0
Marijuana	18	25	--	5	5	0
Stimulants	23	24	--	--	--	--
Club drugs†	0	--	0	0	--	0
Hallucinogens††	0	--	0	0	0	0
Inhalants	--	--	0	--	--	--
Antidepressants	41	47	0	23	17	--
Antipsychotics	9	--	0	5	6	--
Benzodiazepines	44	44	0	16	12	0
Misc. anxiolytics, sedatives, and hypnotics	22	15	0	13	4	--
Opiates/opioids	161	159	20	24	15	--
Heroin (specified)	52	76	11	--	--	--
Methadone	62	47	--	5	--	0
All other opiates/opioids	99	75	7	20	13	0
Nonsteroidal anti-inflammatory agents	0	--	0	0	0	0
Salicylates/combinations	--	0	0	--	--	--
Misc. analgesics/combinations	--	5	0	8	4	--
Anticonvulsants	11	6	0	--	--	0
Muscle relaxants	8	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.

Provo-Orem, UT

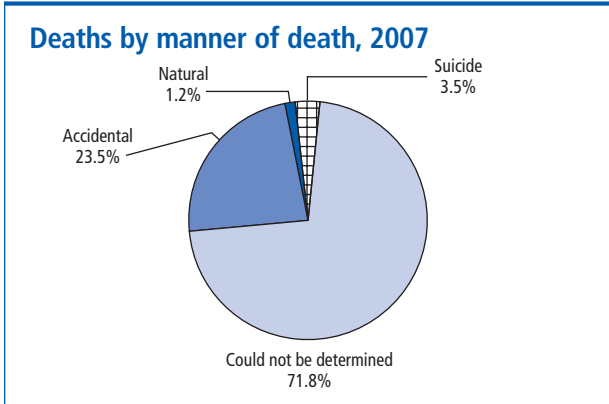


Deaths reported to DAWN
 Drug-related 82
 Drug-related suicide 3

Metro area population, 2007
 493,306

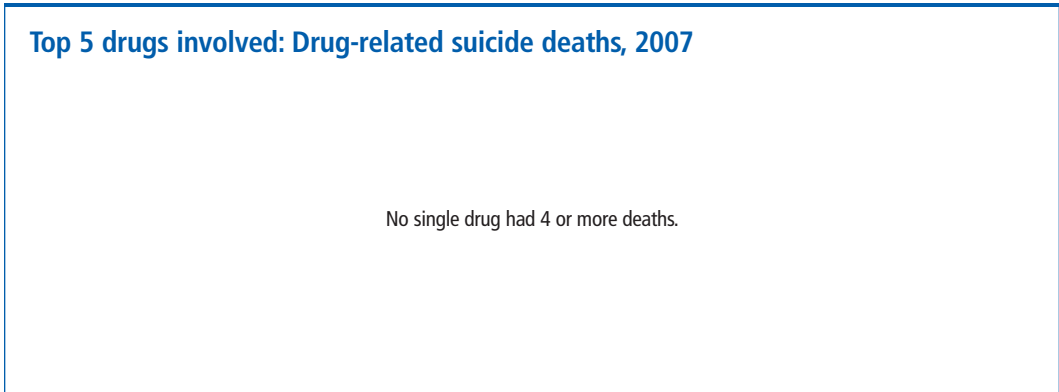
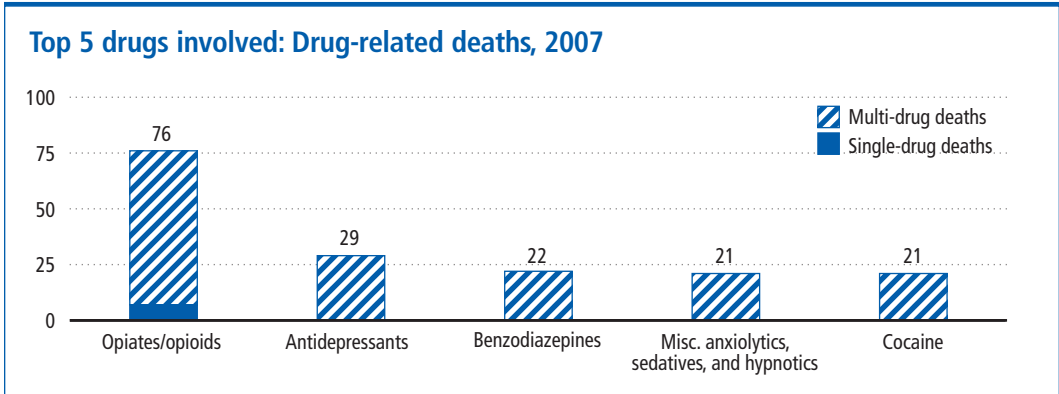
Population covered by DAWN
 493,306

Percent of population covered by DAWN
 100%



Metro area overview: Deaths and population by county, 2007

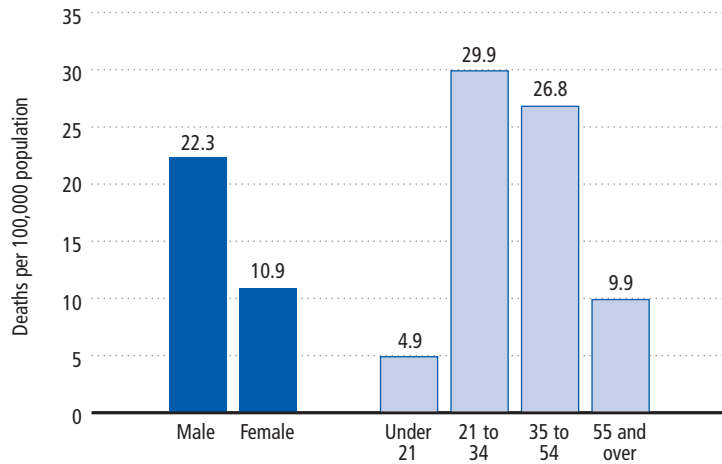
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (2)	82	16.6	3	0.6	493,306
1. Juab County, UT	4	41.6	0	0.0	9,604
2. Utah County, UT	78	16.1	3	0.6	483,702



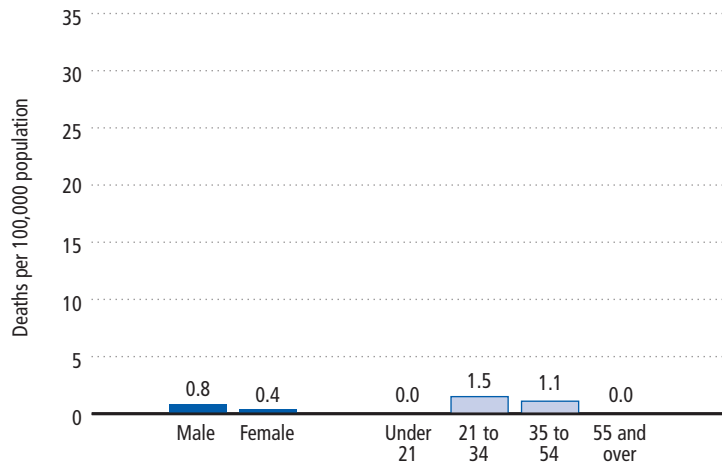
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

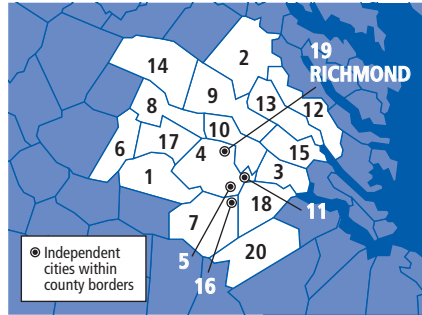
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	27	Health care facility	0
Home	42	Home	--
Public place	4	Public place	0
Other	9	Other	0
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	76	82	9	11	--	0
Alcohol*	13	10	0	--	--	--
Cocaine	21	21	0	0	--	--
Marijuana	13	15	0	0	--	--
Stimulants	10	11	--	--	--	--
Club drugs†	0	0	0	0	--	--
Hallucinogens††	0	0	0	0	--	--
Inhalants	0	0	0	0	--	--
Antidepressants	28	29	0	8	--	--
Antipsychotics	7	9	0	--	--	--
Benzodiazepines	34	22	0	--	--	--
Misc. anxiolytics, sedatives, and hypnotics	22	21	0	5	--	--
Opiates/opioids	71	76	7	4	--	--
Heroin (specified)	4	10	0	0	--	--
Methadone	21	23	--	--	--	--
All other opiates/opioids	55	64	4	--	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	--	--	--
Salicylates/combinations	0	0	0	0	--	--
Misc. analgesics/combinations	8	--	0	--	--	--
Anticonvulsants	--	--	0	--	--	--
Muscle relaxants	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.

Richmond, VA

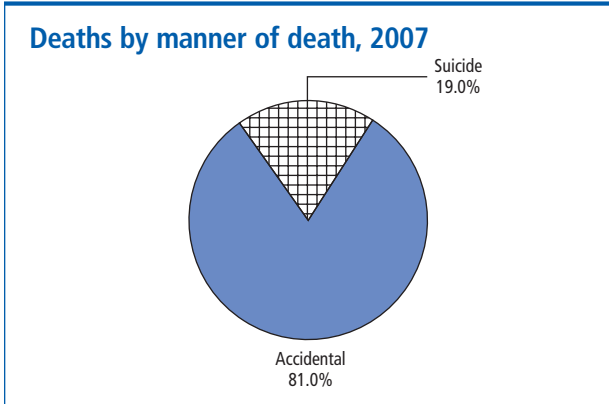


Deaths reported to DAWN
 Drug-related 51
 Drug-related suicide 12

Metro area population, 2007
 1,212,977

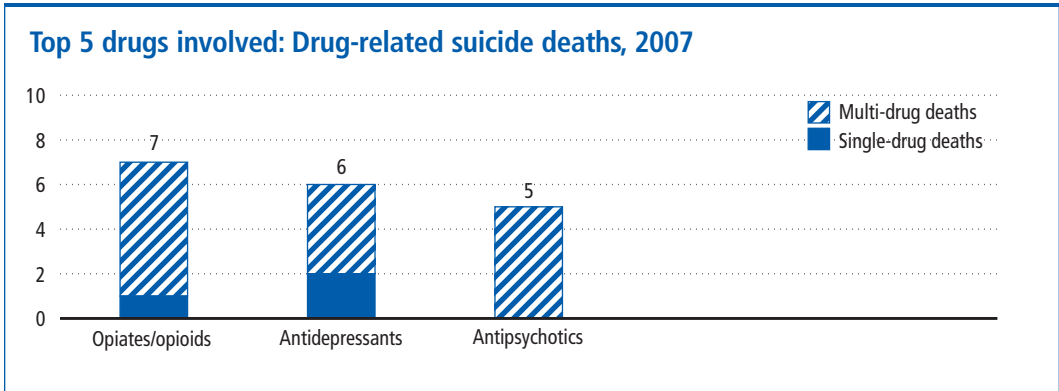
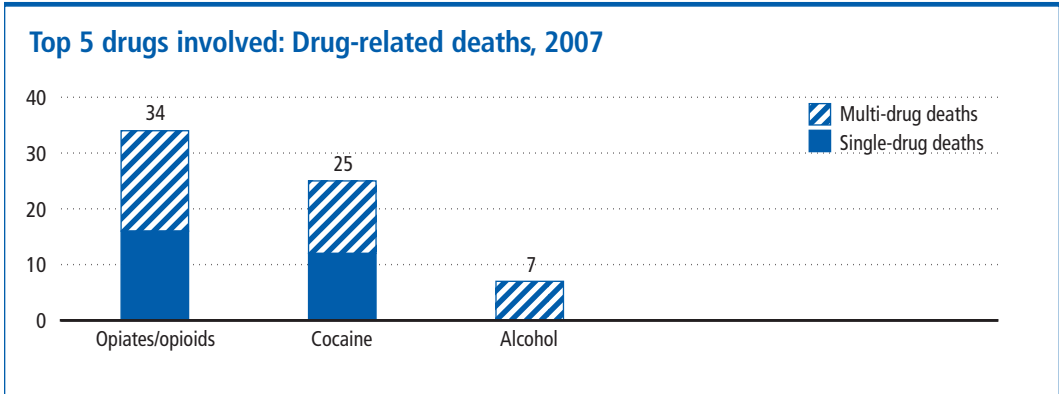
Population covered by DAWN
 1,212,977

Percent of population covered by DAWN
 100%



Metro area overview: Deaths and population by county, 2007

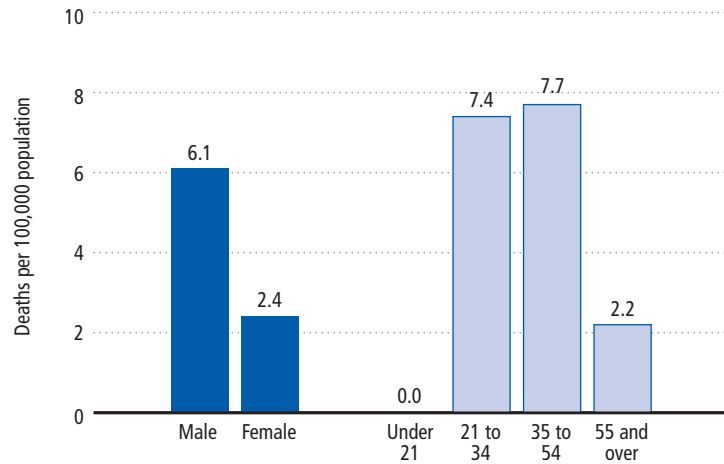
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (20)	51	4.2	12	1.0	1,212,977
1. Amelia County, VA	0	0.0	0	0.0	12,686
2. Caroline County, VA	0	0.0	0	0.0	27,282
3. Charles City County, VA	0	0.0	0	0.0	7,166
4. Chesterfield County, VA	8	2.7	3	1.0	299,689
5. Colonial Heights City, VA	0	0.0	0	0.0	17,796
6. Cumberland County, VA	0	0.0	0	0.0	9,626
7. Dinwiddie County, VA	0	0.0	0	0.0	25,747
8. Goochland County, VA	0	0.0	0	0.0	20,615
9. Hanover County, VA	4	4.0	1	1.0	98,946
10. Henrico County, VA	9	3.1	2	0.7	289,822
11. Hopewell City, VA	2	8.7	0	0.0	23,028
12. King and Queen County, VA	0	0.0	0	0.0	6,882
13. King William County, VA	1	6.4	0	0.0	15,689
14. Louisa County, VA	0	0.0	1	3.1	31,961
15. New Kent County, VA	1	5.8	0	0.0	17,109
16. Petersburg City, VA	1	3.0	0	0.0	32,885
17. Powhatan County, VA	0	0.0	0	0.0	27,817
18. Prince George County, VA	0	0.0	2	5.6	35,886
19. Richmond City, VA	25	12.5	3	1.5	200,123
20. Sussex County, VA	0	0.0	0	0.0	12,222



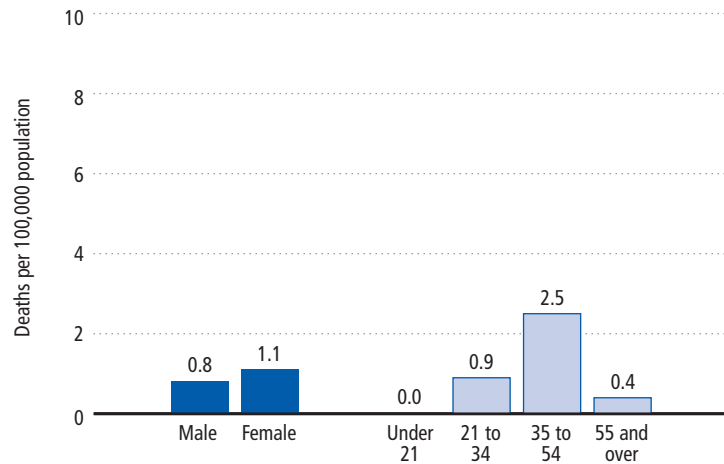
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	5	Health care facility	--
Home	34	Home	7
Public place	5	Public place	--
Other	7	Other	0
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS		51	28		12	--
Alcohol*		7	0		--	--
Cocaine		25	12		--	--
Marijuana		0	0		0	--
Stimulants		0	0		0	--
Club drugs†		0	0		0	--
Hallucinogens††		0	0		0	--
Inhalants		0	0		0	--
Antidepressants		--	0		6	--
Antipsychotics		0	0		5	--
Benzodiazepines		--	0		--	--
Misc. anxiolytics, sedatives, and hypnotics		0	0		--	--
Opiates/opioids		34	16		7	--
Heroin (specified)		23	10		0	--
Methadone		--	--		--	--
All other opiates/opioids		14	4		6	--
Nonsteroidal anti-inflammatory agents		0	0		0	--
Salicylates/combinations		--	0		0	--
Misc. analgesics/combinations		--	0		0	--
Anticonvulsants		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.

Salem, OR



Deaths reported to DAWN
 Drug-related 35
 Drug-related suicide 14

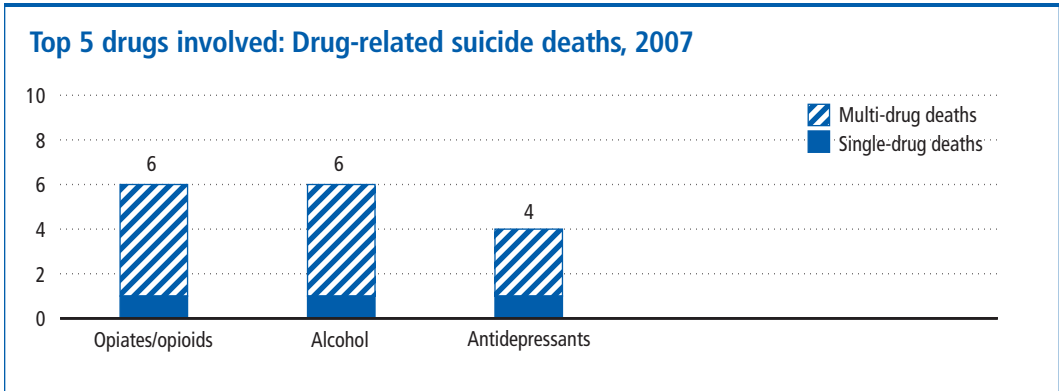
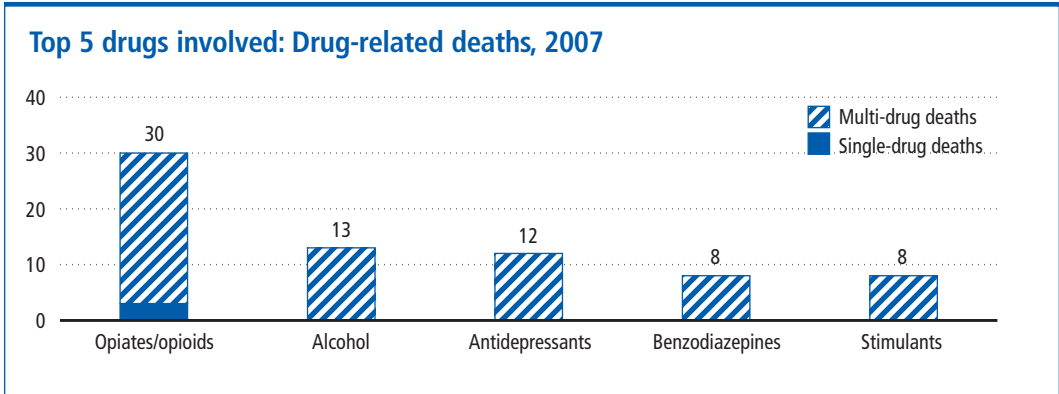
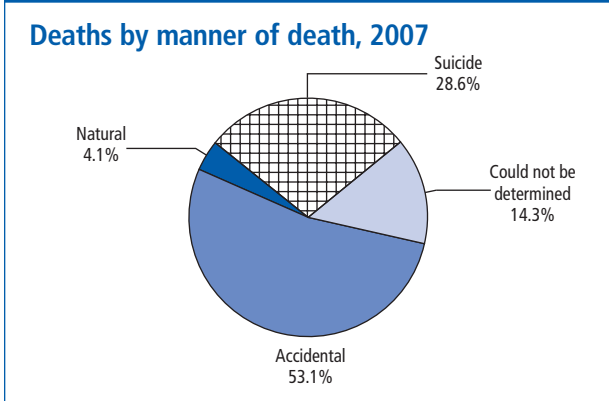
Metro area population, 2007
 386,714

Population covered by DAWN
 386,714

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2007

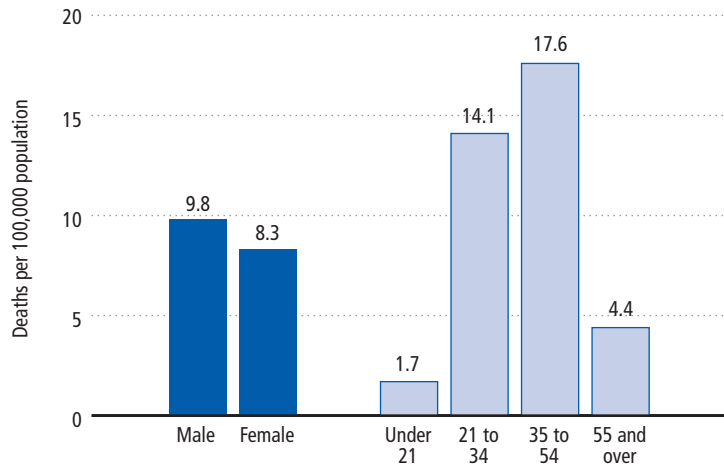
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (2)	35	9.1	14	3.6	386,714
1. Marion County, OR	28	9.0	8	2.6	311,449
2. Polk County, OR	7	9.3	6	8.0	75,265



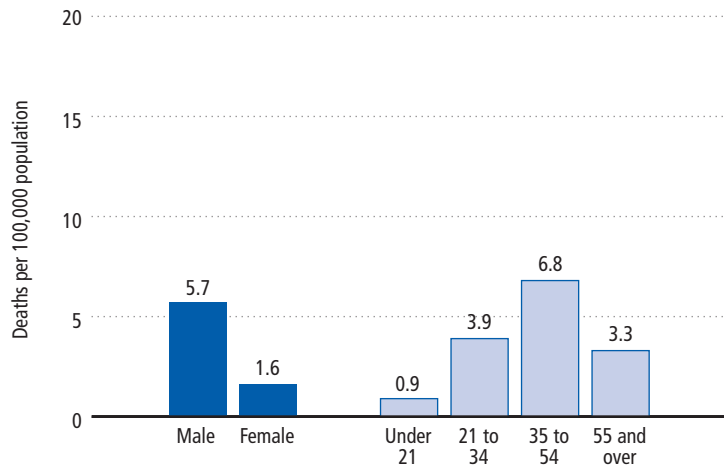
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

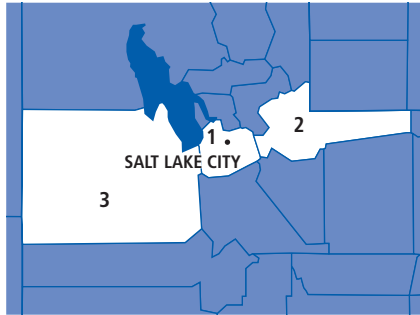
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	--	Health care facility	0
Home	21	Home	11
Public place	--	Public place	--
Other	10	Other	--
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS		35	5	14	7	
Alcohol*		13	0	6	--	--
Cocaine		--	0	0	0	0
Marijuana		--	0	--	--	0
Stimulants		8	0	--	--	--
Club drugs†		0	0	0	0	0
Hallucinogens††		0	0	0	0	0
Inhalants		--	--	0	0	0
Antidepressants		12	0	4	--	--
Antipsychotics		--	0	--	--	0
Benzodiazepines		8	0	--	--	0
Misc. anxiolytics, sedatives, and hypnotics		--	0	0	0	0
Opiates/opioids		30	--	6	--	--
Heroin (specified)		12	--	0	0	0
Methadone		13	0	--	--	0
All other opiates/opioids		10	--	5	--	--
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		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.

Salt Lake City, UT



Deaths reported to DAWN
 Drug-related 222
 Drug-related suicide 27

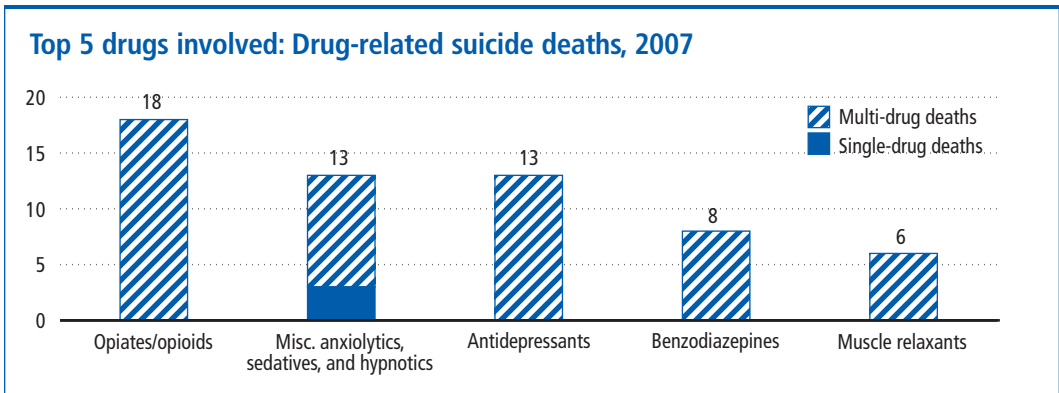
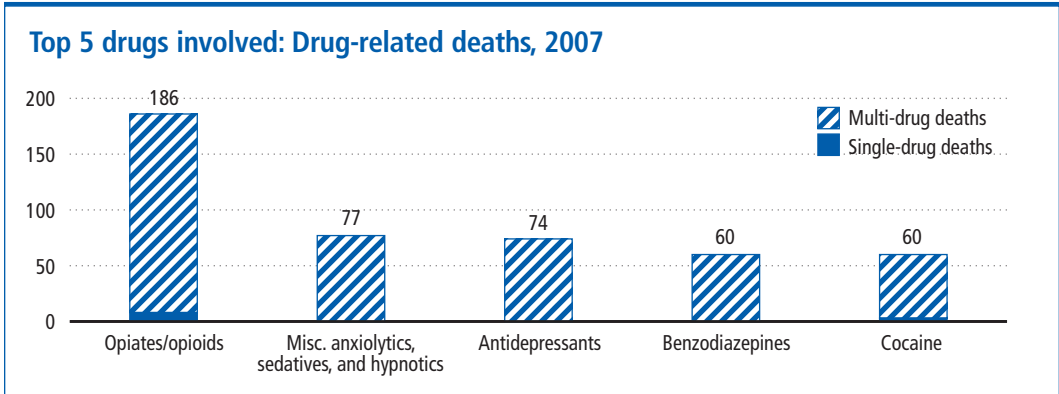
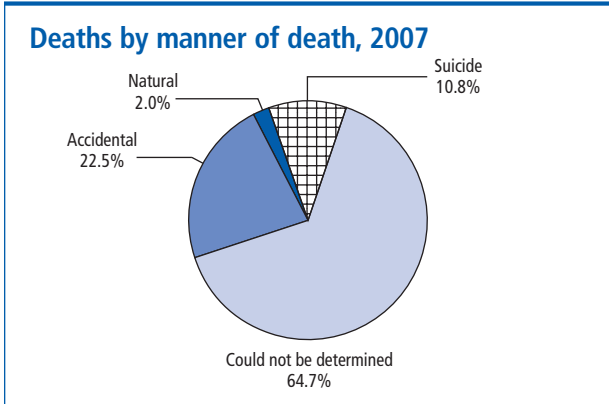
Metro area population, 2007
 1,099,973

Population covered by DAWN
 1,099,973

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2007

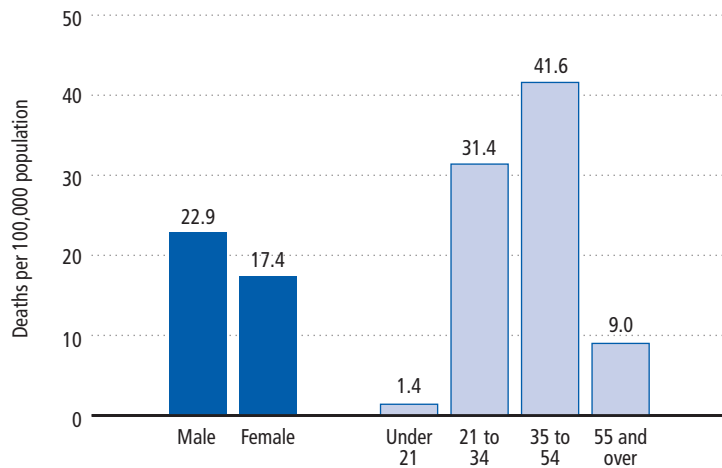
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (3)	222	20.2	27	2.5	1,099,973
1. Salt Lake County, UT	207	20.5	25	2.5	1,009,518
2. Summit County, UT	5	14.1	0	0.0	35,541
3. Tooele County, UT	10	18.2	2	3.6	54,914



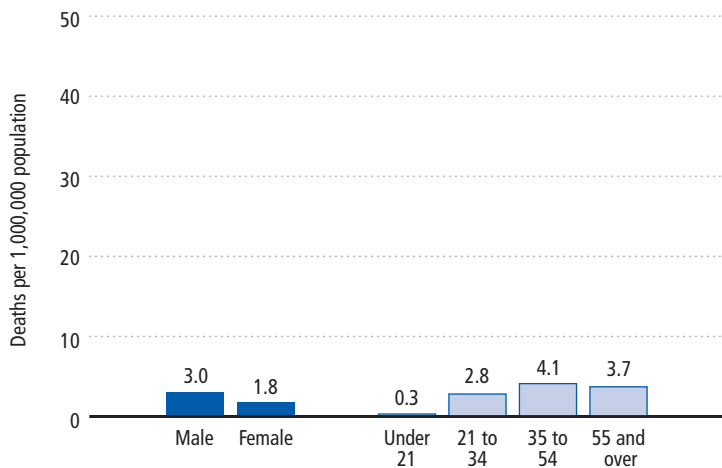
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

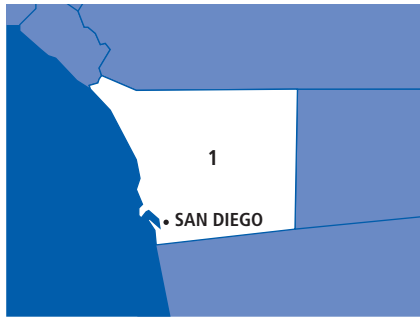
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	48	Health care facility	8
Home	142	Home	14
Public place	9	Public place	--
Other	23	Other	--
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	206	222	14	28	27	--
Alcohol*	40	51	--	8	6	--
Cocaine	75	60	--	--	--	--
Marijuana	43	41	0	--	--	--
Stimulants	32	24	--	--	--	--
Club drugs†	--	--	0	0	0	--
Hallucinogens††	0	0	0	0	0	--
Inhalants	--	--	0	0	0	--
Antidepressants	75	74	0	15	13	--
Antipsychotics	6	17	0	4	6	--
Benzodiazepines	57	60	0	8	8	--
Misc. anxiolytics, sedatives, and hypnotics	55	77	0	16	13	--
Opiates/opioids	178	186	8	15	18	--
Heroin (specified)	14	28	0	0	--	--
Methadone	64	47	--	--	4	--
All other opiates/opioids	132	163	5	14	16	--
Nonsteroidal anti-inflammatory agents	0	--	0	0	0	--
Salicylates/combinations	0	0	0	--	0	--
Misc. analgesics/combinations	10	19	0	5	4	--
Anticonvulsants	9	15	0	5	--	--
Muscle relaxants	24	34	0	--	6	--

* 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 354
 Drug-related suicide 91

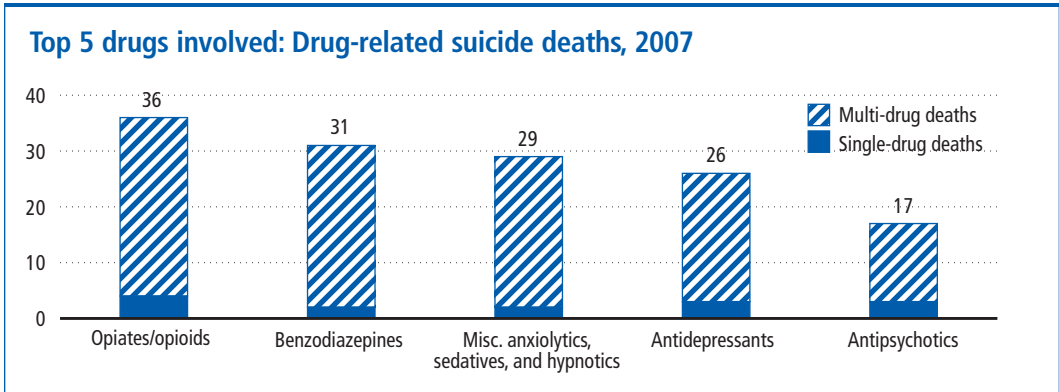
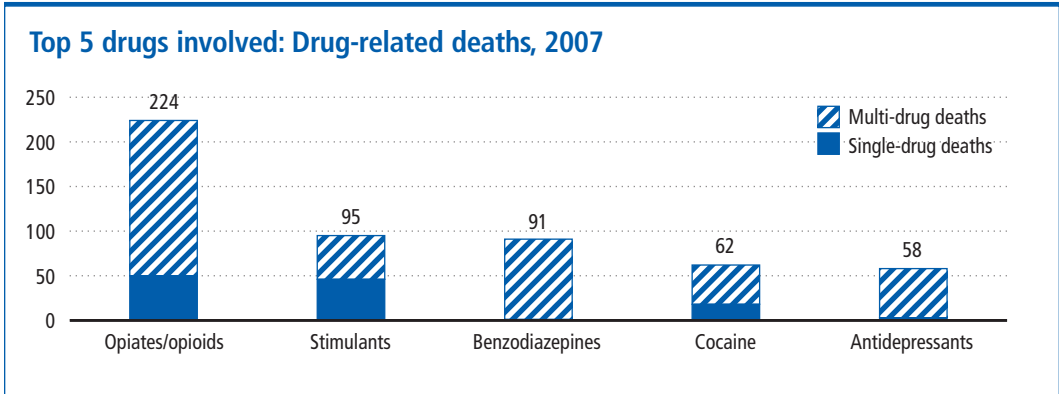
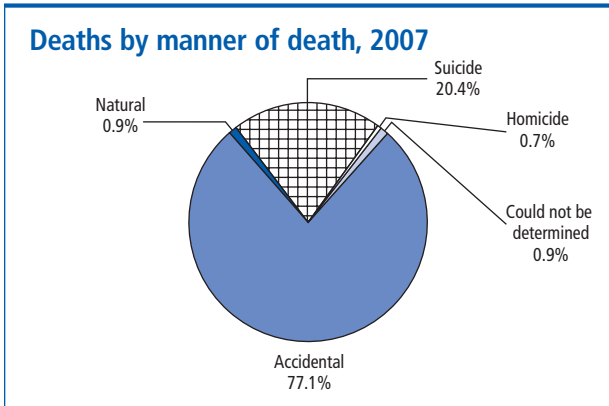
Metro area population, 2007
 2,974,859

Population covered by DAWN
 2,974,859

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2007

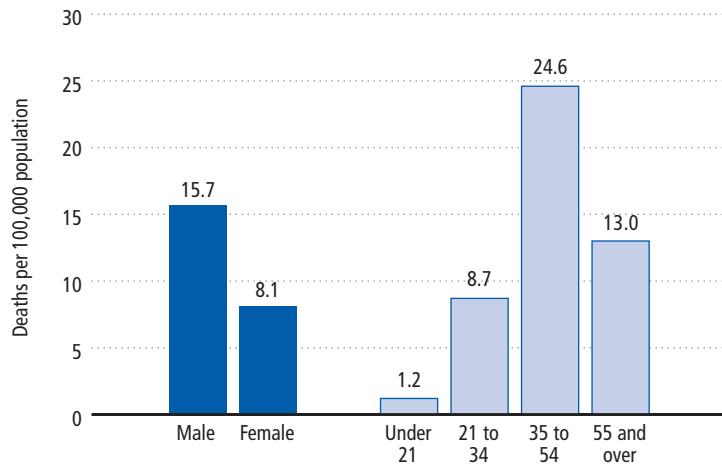
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	354	11.9	91	3.1	2,974,859
1. San Diego County, CA	354	11.9	91	3.1	2,974,859



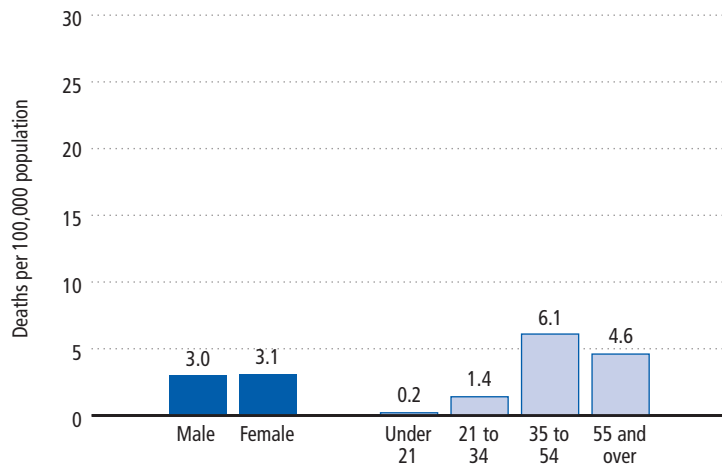
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	86	Health care facility	12
Home	190	Home	63
Public place	25	Public place	5
Other	52	Other	11
Not documented	--	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	247	354	129	33	91	25
Alcohol*	68	57	--	5	17	0
Cocaine	53	62	18	--	--	0
Marijuana	41	12	0	0	--	0
Stimulants	79	95	46	7	7	0
Club drugs†	4	5	--	0	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	--	--	--	0	5	5
Antidepressants	49	58	--	15	26	--
Antipsychotics	16	22	--	4	17	--
Benzodiazepines	65	91	--	8	31	--
Misc. anxiolytics, sedatives, and hypnotics	25	35	--	9	29	--
Opiates/opioids	143	224	50	14	36	4
Heroin (specified)	32	47	19	--	--	--
Methadone	26	40	6	--	--	--
All other opiates/opioids	119	163	25	12	31	--
Nonsteroidal anti-inflammatory agents	8	--	0	--	--	--
Salicylates/combinations	0	0	0	--	--	0
Misc. analgesics/combinations	15	16	0	4	14	0
Anticonvulsants	13	7	0	5	7	--
Muscle relaxants	12	12	0	--	10	--

* 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.

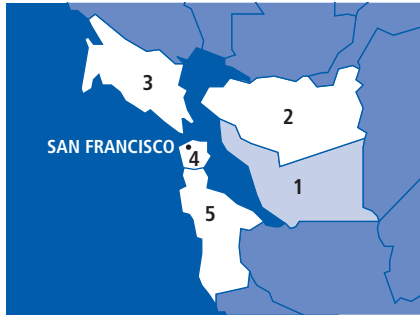
†† Includes PCP, LSD, and miscellaneous hallucinogens.

San Diego-Carlsbad-San Marcos, CA

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, 2007 (08/2008 update).

San Francisco-Oakland-Fremont, CA



Deaths reported to DAWN
 Drug-related 383
 Drug-related suicide 92

Metro area population, 2007
 4,203,898

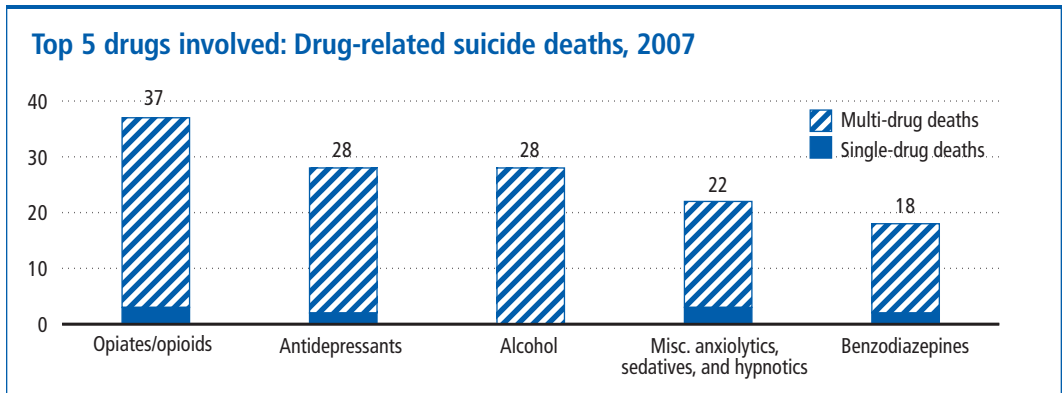
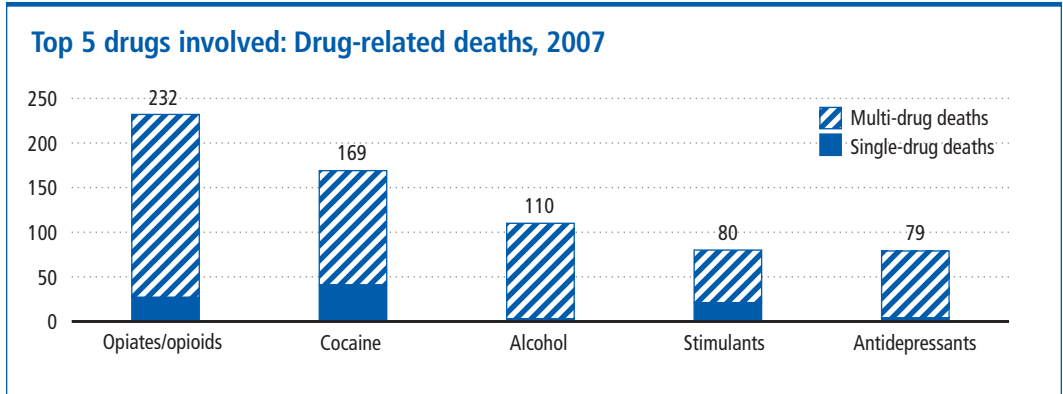
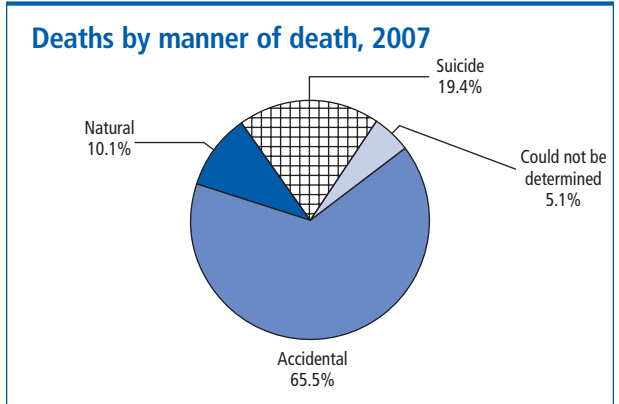
Population covered by DAWN
 2,739,696

Percent of population covered by DAWN
 65%

Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (4)	383	14.0	92	3.4	2,739,696
1. Alameda County, CA					1,464,202
2. Contra Costa County, CA	82	8.0	19	1.9	1,019,640
3. Marin County, CA	26	10.5	7	2.8	248,096
4. San Francisco County, CA	230	30.1	50	6.5	764,976
5. San Mateo County, CA	45	6.4	16	2.3	706,984

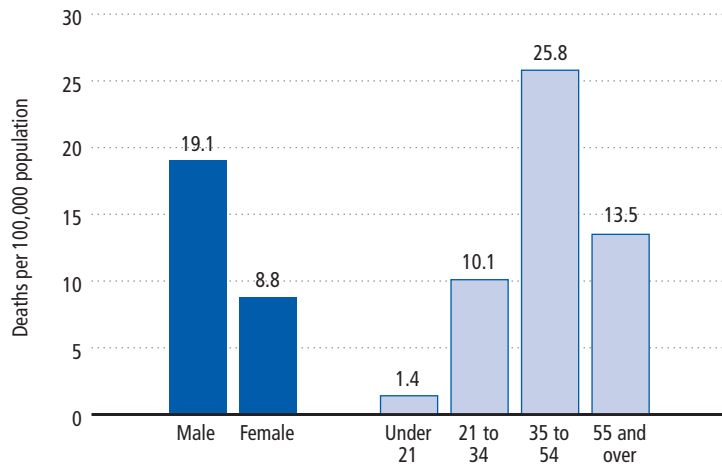
Shaded areas did not participate in DAWN this year.



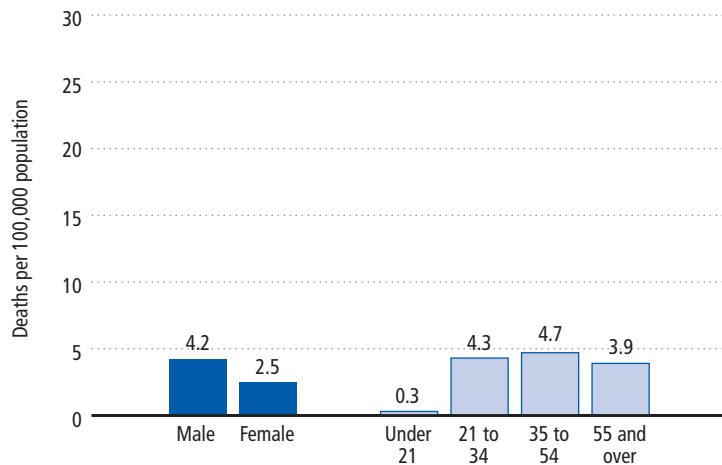
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

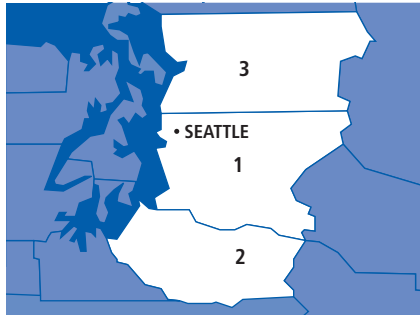
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	84	Health care facility	15
Home	215	Home	62
Public place	30	Public place	9
Other	54	Other	6
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS		383	103		92	24
Alcohol*		110	--		28	0
Cocaine		169	41		18	--
Marijuana		8	0		--	--
Stimulants		80	21		6	--
Club drugs†		10	--		--	0
Hallucinogens††		--	0		--	0
Inhalants		--	0		--	--
Antidepressants		79	4		28	--
Antipsychotics		21	--		10	--
Benzodiazepines		59	0		18	--
Misc. anxiolytics, sedatives, and hypnotics		62	0		22	--
Opiates/opioids		232	27		37	--
Heroin (specified)		19	4		0	0
Methadone		80	9		7	--
All other opiates/opioids		181	14		33	--
Nonsteroidal anti-inflammatory agents		--	0		0	0
Salicylates/combinations		--	0		--	0
Misc. analgesics/combinations		22	--		16	4
Anticonvulsants		22	0		--	0
Muscle relaxants		18	0		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.

Seattle-Tacoma-Bellevue, WA



Deaths reported to DAWN
 Drug-related 494
 Drug-related suicide 77

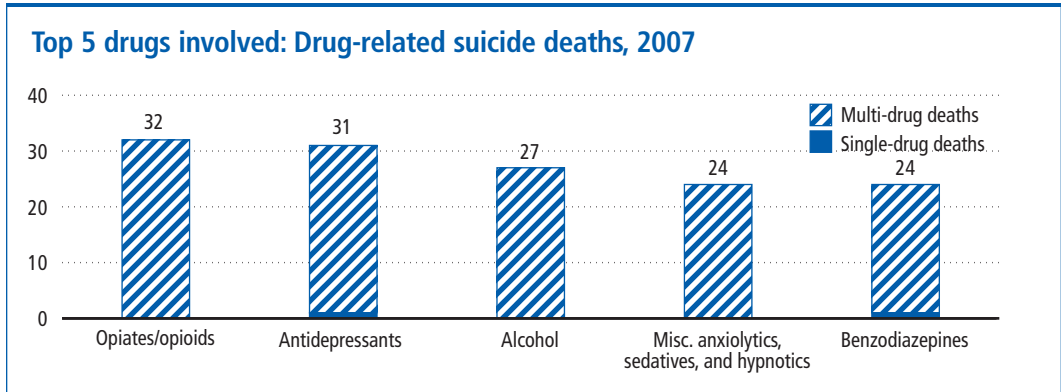
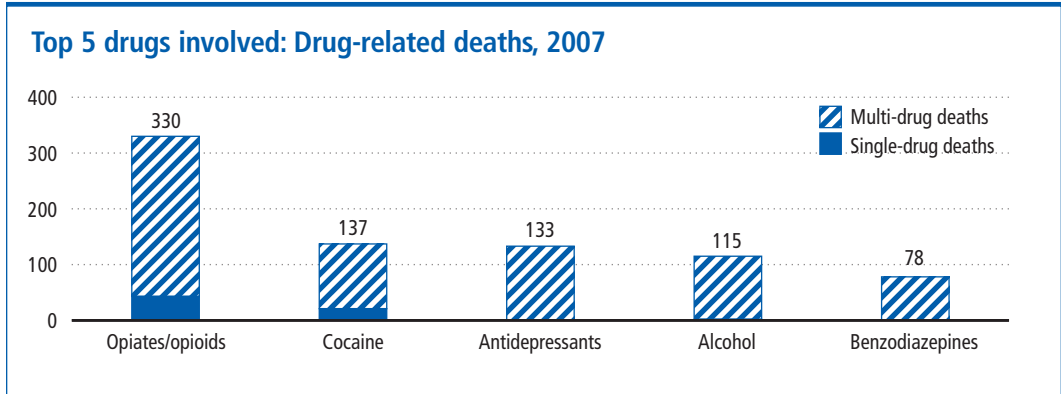
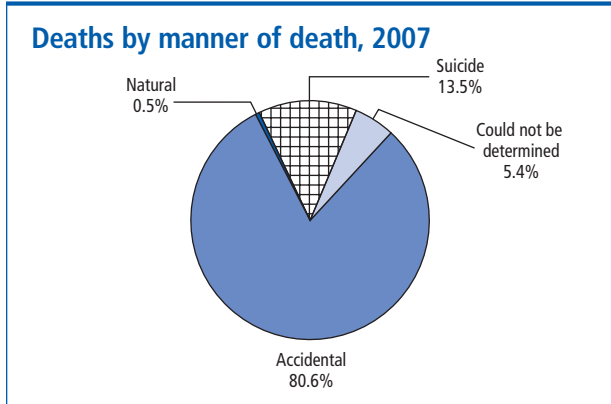
Metro area population, 2007
 3,309,347

Population covered by DAWN
 3,309,347

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2007

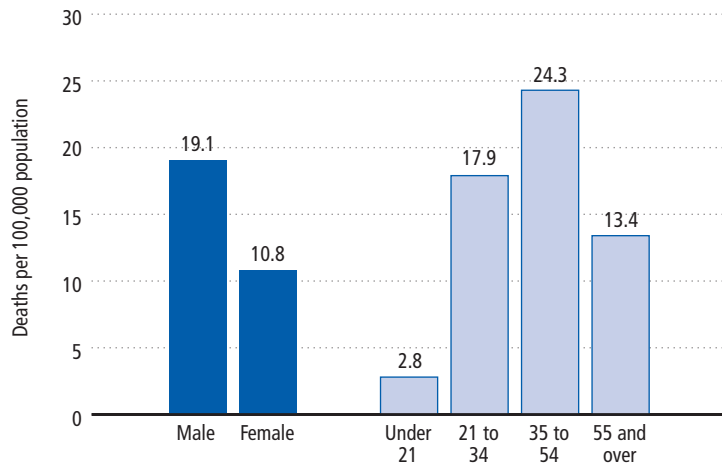
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (3)	494	14.9	77	2.3	3,309,347
1. King County, WA	315	16.9	51	2.7	1,859,284
2. Pierce County, WA	106	13.7	15	1.9	773,165
3. Snohomish County, WA	73	10.8	11	1.6	676,898



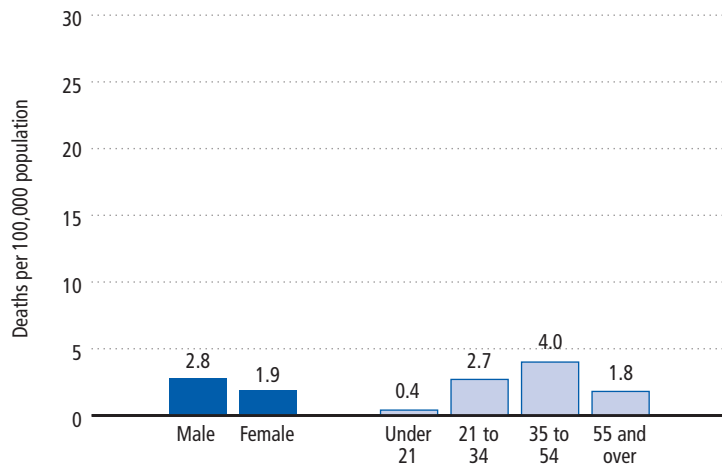
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

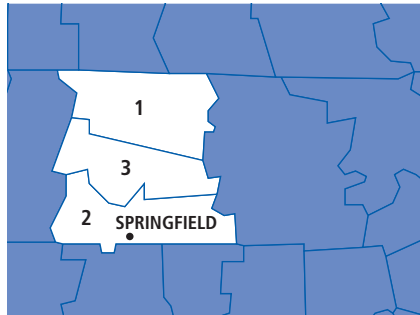
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	136	Health care facility	10
Home	262	Home	46
Public place	41	Public place	11
Other	55	Other	10
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	508	494	129	103	77	11
Alcohol*	113	115	--	54	27	0
Cocaine	171	137	21	19	8	--
Marijuana	27	24	--	12	5	0
Stimulants	52	59	17	12	5	--
Club drugs†	5	--	--	4	--	0
Hallucinogens††	0	--	0	0	--	0
Inhalants	7	--	--	--	--	--
Antidepressants	138	133	--	35	31	--
Antipsychotics	10	21	--	5	7	0
Benzodiazepines	92	78	0	27	24	--
Misc. anxiolytics, sedatives, and hypnotics	64	55	0	27	24	0
Opiates/opioids	327	330	43	36	32	0
Heroin (specified)	66	71	9	--	--	0
Methadone	171	143	17	7	4	0
All other opiates/opioids	158	178	17	29	30	0
Nonsteroidal anti-inflammatory agents	4	--	--	--	--	0
Salicylates/combinations	--	4	--	--	4	--
Misc. analgesics/combinations	43	33	--	16	20	--
Anticonvulsants	30	38	--	6	11	0
Muscle relaxants	26	30	--	--	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.

Springfield, MA



Deaths reported to DAWN
 Drug-related 116
 Drug-related suicide 9

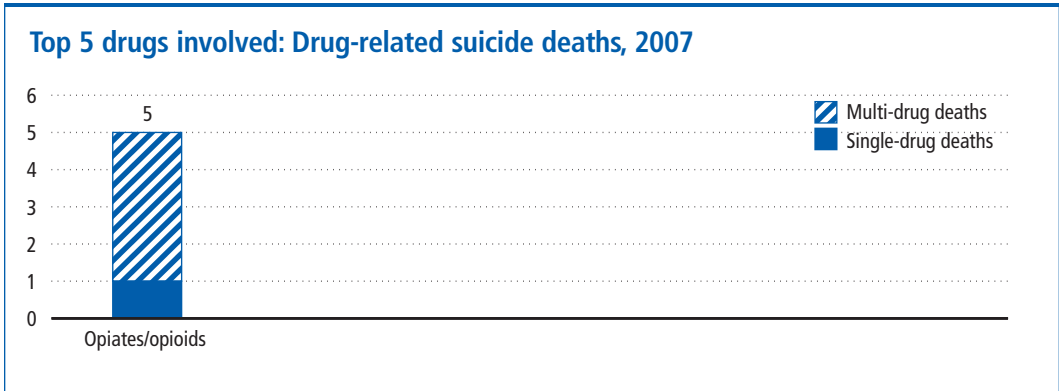
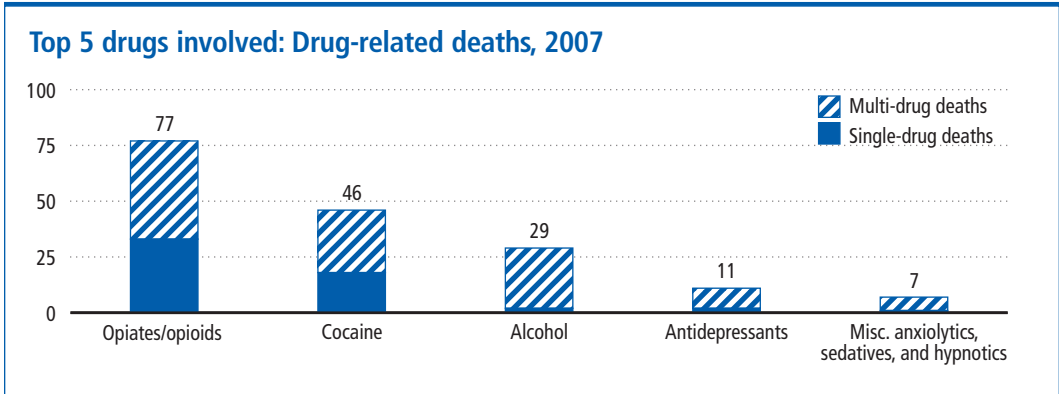
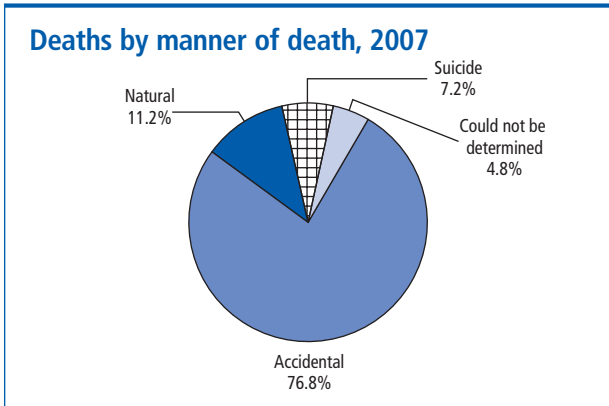
Metro area population, 2007
 682,657

Population covered by DAWN
 682,657

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2007

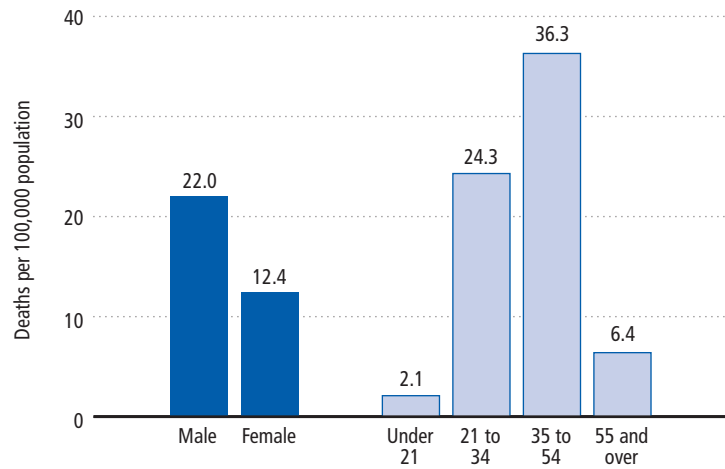
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (3)	116	17.0	9	1.3	682,657
1. Franklin County, MA	5	7.0	2	2.8	71,602
2. Hampden County, MA	92	20.1	2	0.4	457,908
3. Hampshire County, MA	19	12.4	5	3.3	153,147



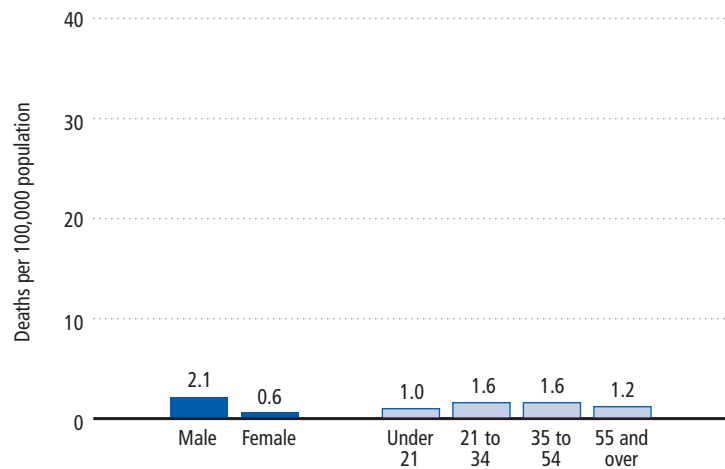
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	55	Health care facility	--
Home	47	Home	--
Public place	--	Public place	--
Other	13	Other	--
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

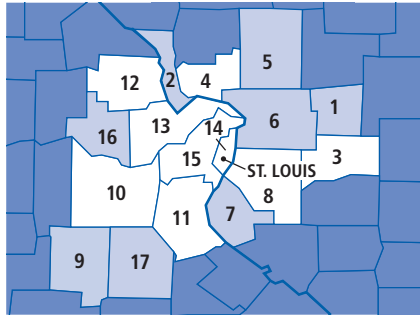
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	89	116	58	12	9	4
Alcohol*	22	29	--	4	--	--
Cocaine	44	46	18	--	--	0
Marijuana	--	--	0	0	0	0
Stimulants	--	--	0	0	0	0
Club drugs†	0	0	0	0	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	--	0	0	0	0	0
Antidepressants	13	11	--	8	0	0
Antipsychotics	5	--	0	0	--	--
Benzodiazepines	14	6	0	--	0	0
Misc. anxiolytics, sedatives, and hypnotics	--	7	--	4	--	--
Opiates/opioids	68	77	33	--	5	--
Heroin (specified)	--	12	--	0	0	0
Methadone	16	16	6	--	0	0
All other opiates/opioids	51	55	24	--	5	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	--	0	0	0	0	0
Misc. analgesics/combinations	0	--	0	--	0	0
Anticonvulsants	--	0	0	--	0	0
Muscle relaxants	0	5	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

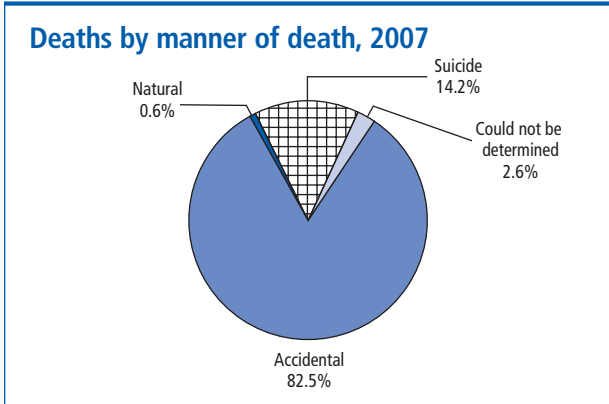


Deaths reported to DAWN
 Drug-related 265
 Drug-related suicide 44

Metro area population, 2007
 2,827,783

Population covered by DAWN
 2,377,699

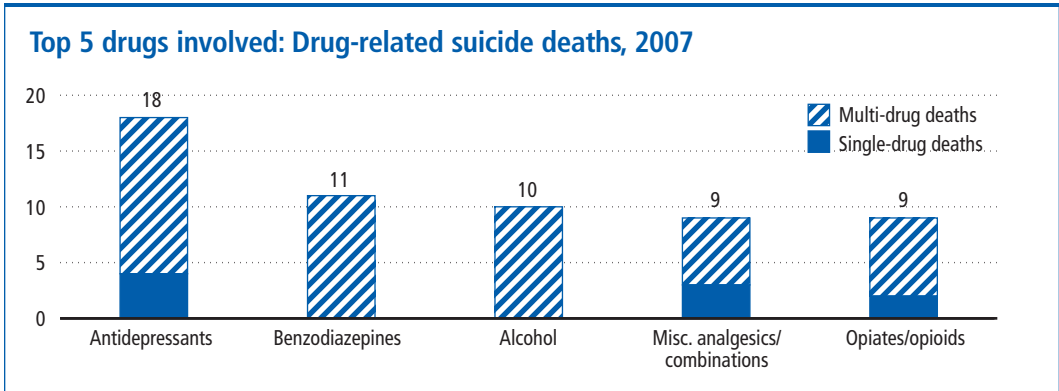
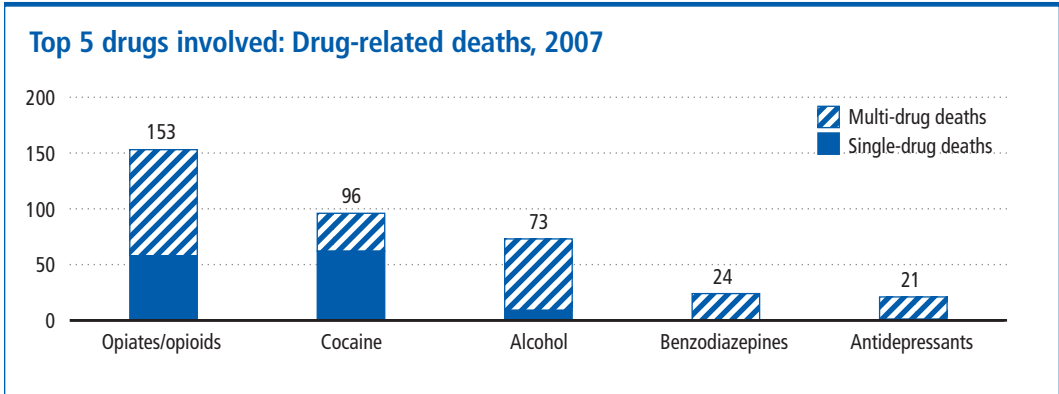
Percent of population covered by DAWN
 84%



Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (9)	265	11.1	44	1.9	2,377,699
1. Bond County, IL					18,103
2. Calhoun County, IL					5,167
3. Clinton County, IL	0	0.0	0	0.0	36,450
4. Jersey County, IL	3	13.4	0	0.0	22,455
5. Macoupin County, IL					48,235
6. Madison County, IL					267,347
7. Monroe County, IL					32,372
8. St. Clair County, IL	7	2.7	0	0.0	261,316
9. Crawford County, MO					24,076
10. Franklin County, MO	16	16.0	1	1.0	100,045
11. Jefferson County, MO	21	9.7	6	2.8	216,076
12. Lincoln County, MO	0	0.0	0	0.0	51,528
13. St. Charles County, MO	29	8.4	6	1.7	343,952
14. St. Louis City, MO	88	25.1	8	2.3	350,759
15. St. Louis County, MO	101	10.1	23	2.3	995,118
16. Warren County, MO					30,467
17. Washington County, MO					24,317

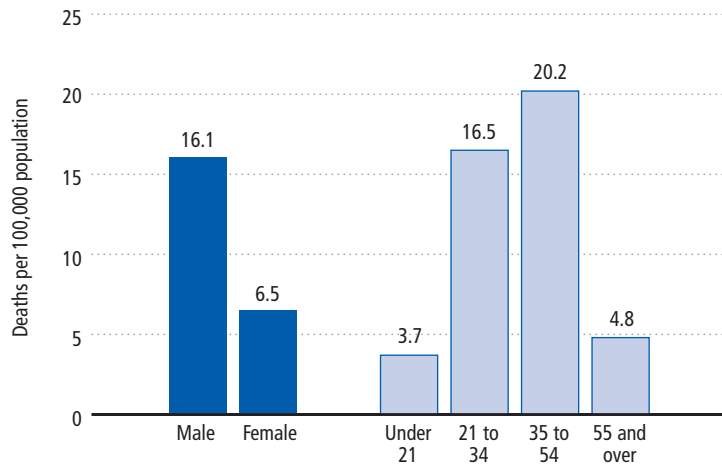
Shaded areas did not participate in DAWN this year.



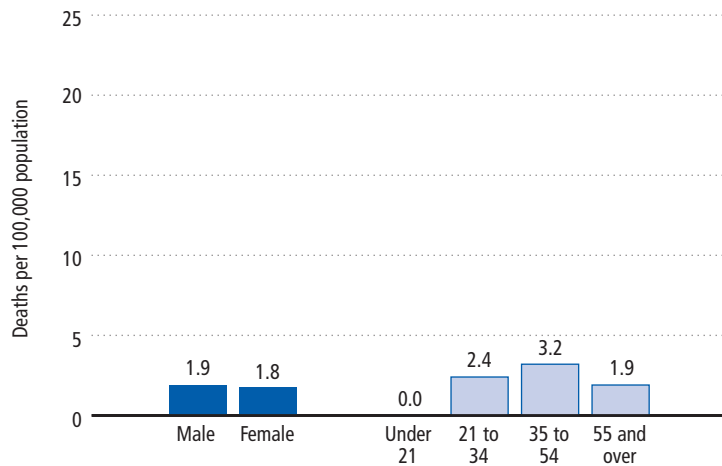
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	99	Health care facility	12
Home	112	Home	29
Public place	20	Public place	--
Other	33	Other	--
Not documented	--	Not documented	0

Drug-related deaths by drug category, 2006-2007

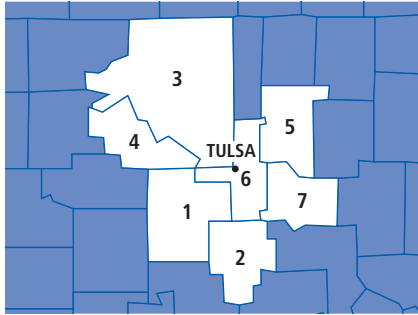
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	325	265	137	53	44	15
Alcohol*	76	73	9	16	10	0
Cocaine	111	96	62	6	--	0
Marijuana	--	--	--	0	0	0
Stimulants	12	8	--	--	--	0
Club drugs†	0	--	0	0	--	0
Hallucinogens††	0	--	0	--	0	0
Inhalants	--	--	--	0	--	0
Antidepressants	13	21	--	19	18	4
Antipsychotics	6	8	0	--	5	--
Benzodiazepines	27	24	0	12	11	0
Misc. anxiolytics, sedatives, and hypnotics	7	8	0	9	4	0
Opiates/opioids	208	153	58	19	9	--
Heroin (specified)	58	67	26	--	--	--
Methadone	37	18	4	--	--	0
All other opiates/opioids	154	89	28	17	6	0
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	0	0	--	--	--
Misc. analgesics/combinations	10	4	--	6	9	--
Anticonvulsants	0	--	0	--	0	0
Muscle relaxants	--	--	0	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 188
 Drug-related suicide 22

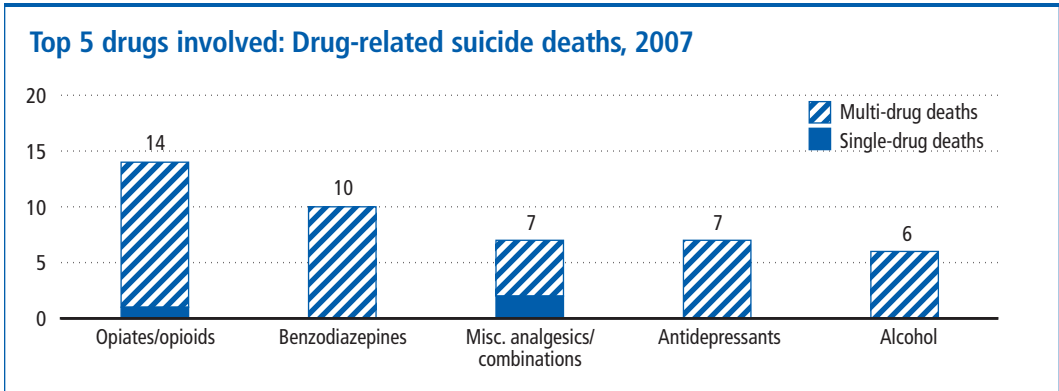
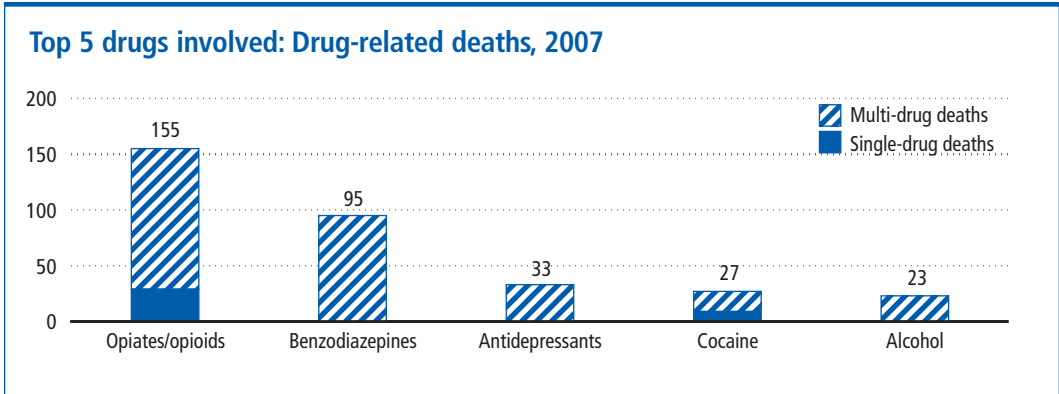
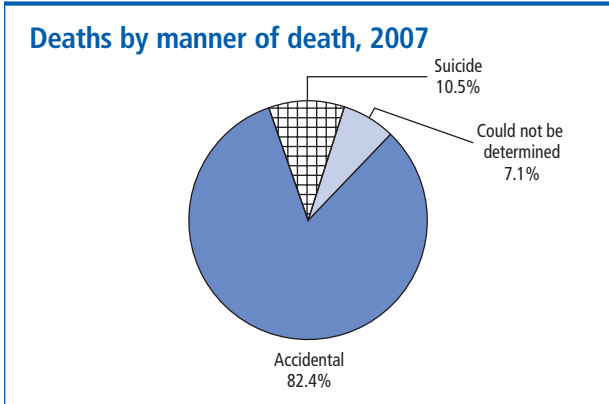
Metro area population, 2007
 905,755

Population covered by DAWN
 905,755

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2007

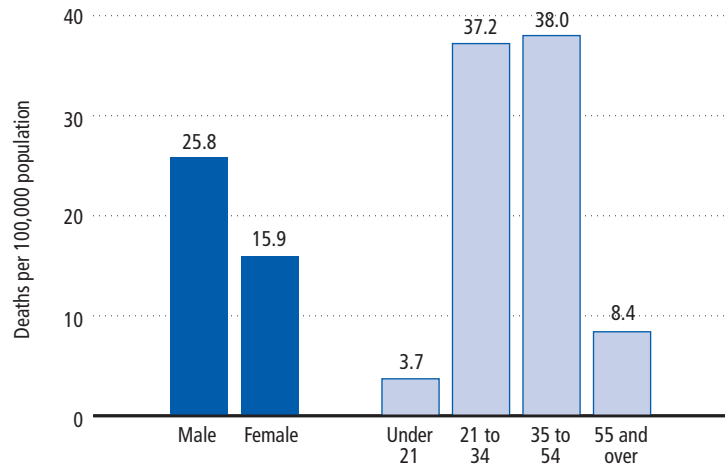
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (7)	188	20.8	22	2.4	905,755
1. Creek County, OK	13	18.8	0	0.0	69,073
2. Okmulgee County, OK	4	10.2	2	5.1	39,300
3. Osage County, OK	4	8.8	1	2.2	45,523
4. Pawnee County, OK	2	12.2	0	0.0	16,447
5. Rogers County, OK	9	10.8	2	2.4	83,105
6. Tulsa County, OK	142	24.3	17	2.9	585,068
7. Wagoner County, OK	14	20.8	0	0.0	67,239



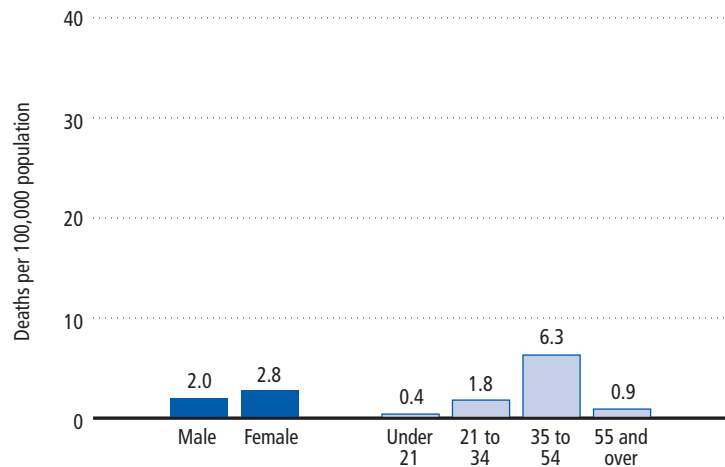
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

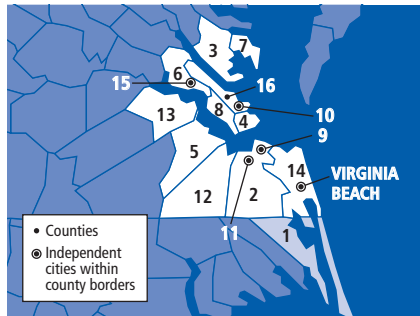
Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	52	Health care facility	6
Home	119	Home	14
Public place	10	Public place	--
Other	7	Other	0
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	120	188	47	13	22	--
Alcohol*	23	23	0	--	6	--
Cocaine	11	27	9	0	0	--
Marijuana	0	0	0	0	0	--
Stimulants	8	18	6	0	--	--
Club drugs†	0	--	0	0	0	--
Hallucinogens††	0	0	0	0	0	--
Inhalants	0	--	--	0	0	--
Antidepressants	18	33	0	8	7	--
Antipsychotics	4	4	0	--	--	--
Benzodiazepines	59	95	0	5	10	--
Misc. anxiolytics, sedatives, and hypnotics	12	9	0	--	4	--
Opiates/opioids	104	155	29	6	14	--
Heroin (specified)	--	0	0	0	0	--
Methadone	50	73	19	--	--	--
All other opiates/opioids	65	100	10	5	14	--
Nonsteroidal anti-inflammatory agents	--	--	0	0	0	--
Salicylates/combinations	0	--	0	0	--	--
Misc. analgesics/combinations	14	12	--	--	7	--
Anticonvulsants	--	--	0	--	--	--
Muscle relaxants	18	18	0	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.

Virginia Beach-Norfolk-Newport News, VA-NC

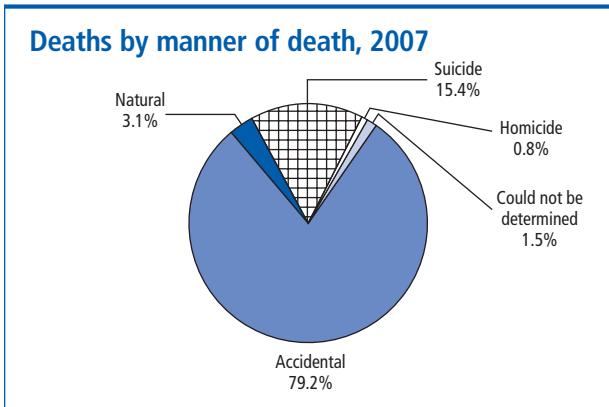


Deaths reported to DAWN
 Drug-related 110
 Drug-related suicide 20

Metro area population, 2007
 1,658,754

Population covered by DAWN
 1,634,794

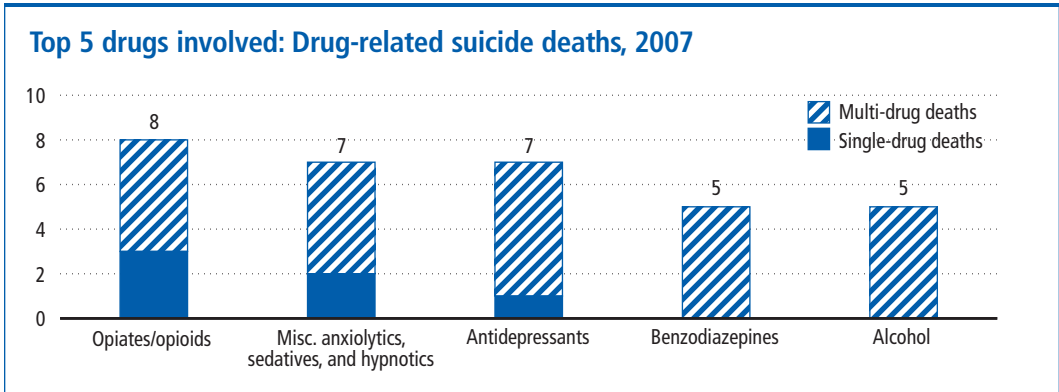
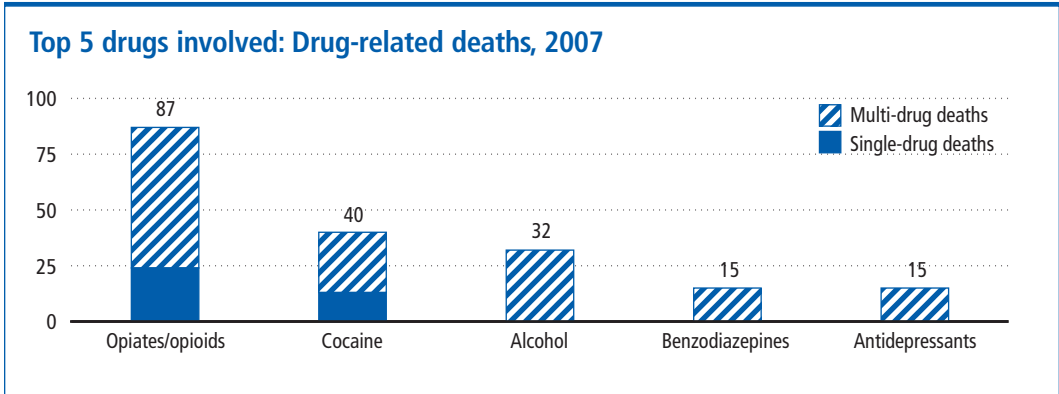
Percent of population covered by DAWN
 99%



Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (15)	110	6.7	20	1.2	1,634,794
1. Currituck County, NC					23,960
2. Chesapeake City, VA	15	6.8	1	0.5	219,154
3. Gloucester County, VA	2	5.2	1	2.6	38,336
4. Hampton City, VA	7	4.8	3	2.0	146,439
5. Isle of Wight County, VA	1	2.9	1	2.9	35,035
6. James City County, VA	2	3.3	1	1.6	61,195
7. Mathews County, VA	0	0.0	0	0.0	9,041
8. Newport News City, VA	8	4.5	3	1.7	179,153
9. Norfolk City, VA	32	13.6	4	1.7	235,747
10. Poquoson City, VA	1	8.4	0	0.0	11,858
11. Portsmouth City, VA	9	8.8	1	1.0	101,967
12. Suffolk City, VA	2	2.5	0	0.0	81,332
13. Surry County, VA	1	14.1	0	0.0	7,089
14. Virginia Beach City, VA	30	6.9	5	1.2	434,743
15. Williamsburg City, VA	0	0.0	0	0.0	12,434
16. York County, VA	0	0.0	0	0.0	61,271

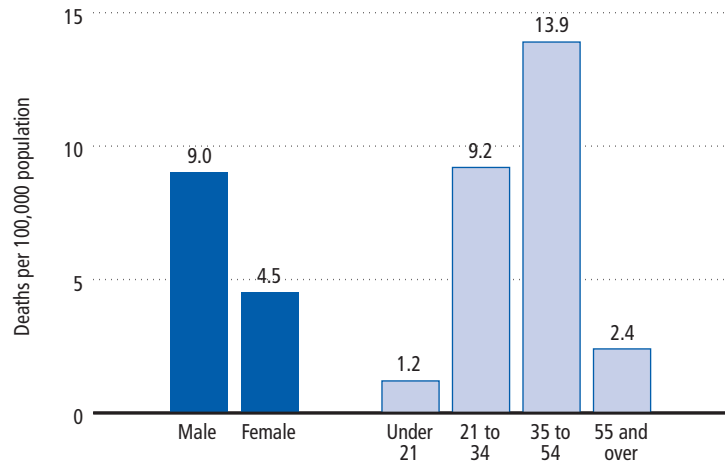
Shaded areas did not participate in DAWN this year.



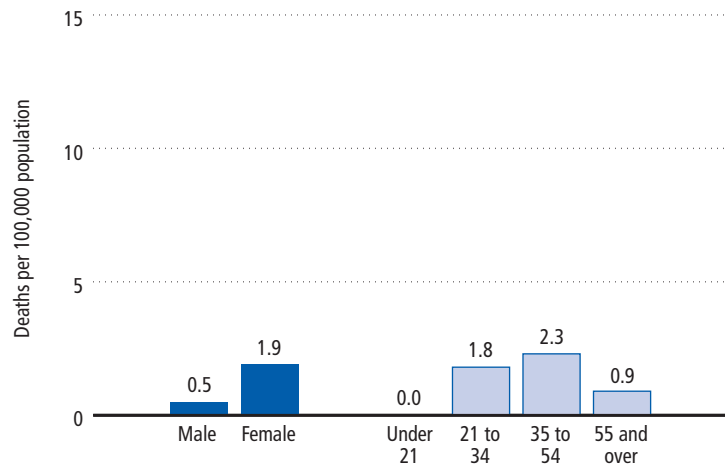
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	20	Health care facility	--
Home	66	Home	15
Public place	9	Public place	0
Other	14	Other	--
Not documented	--	Not documented	0

Drug-related deaths by drug category, 2006-2007

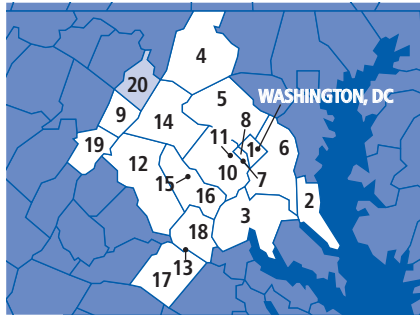
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS		110	39		20	6
Alcohol*		32	0		5	0
Cocaine		40	13		--	0
Marijuana		--	0		0	0
Stimulants		--	--		0	0
Club drugs†		0	0		0	0
Hallucinogens††		0	0		0	0
Inhalants		0	0		0	0
Antidepressants		15	0		7	--
Antipsychotics		7	0		--	0
Benzodiazepines		15	0		5	0
Misc. anxiolytics, sedatives, and hypnotics		10	0		7	--
Opiates/opioids		87	24		8	--
Heroin (specified)		28	11		--	0
Methadone		23	7		--	--
All other opiates/opioids		40	6		6	--
Nonsteroidal anti-inflammatory agents		0	0		0	0
Salicylates/combinations		0	0		0	0
Misc. analgesics/combinations		--	0		--	0
Anticonvulsants		4	0		0	0
Muscle relaxants		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.

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

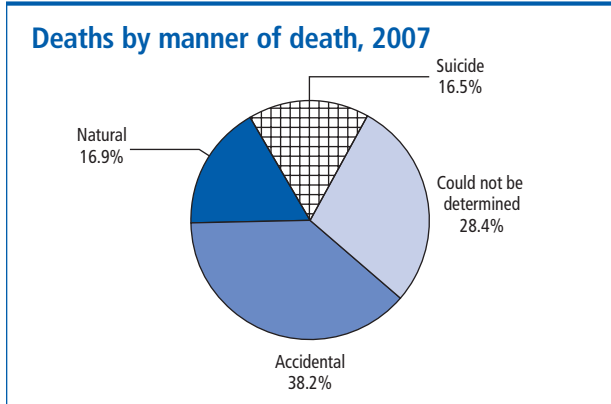


Deaths reported to DAWN
 Drug-related 465
 Drug-related suicide 92

Metro area population, 2007
 5,306,565

Population covered by DAWN
 5,255,733

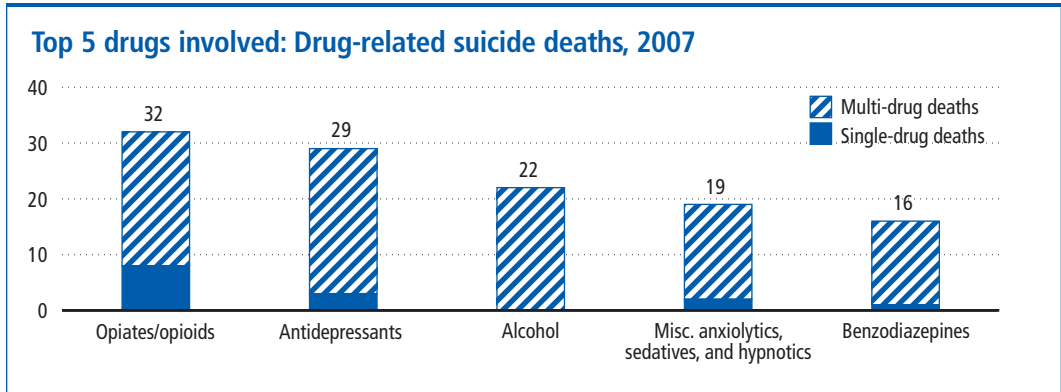
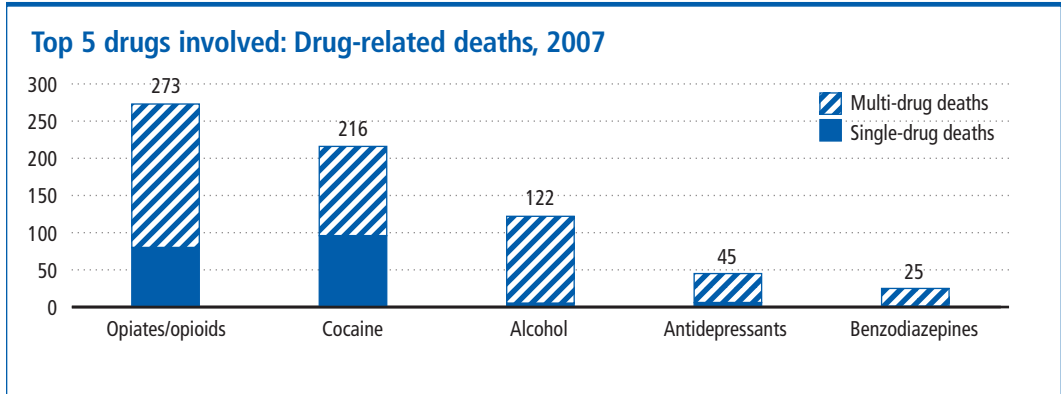
Percent of population covered by DAWN
 99%



Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (19)	465	8.8	92	1.8	5,255,733
1. District of Columbia	214	36.4	24	4.1	588,292
2. Calvert County, MD	14	15.9	2	2.3	88,223
3. Charles County, MD	14	10.0	1	0.7	140,444
4. Frederick County, MD	28	12.5	1	0.4	224,705
5. Montgomery County, MD	49	5.3	8	0.9	930,813
6. Prince George's County, MD	60	7.2	9	1.1	828,770
7. Alexandria City, VA	5	3.6	4	2.9	140,024
8. Arlington County, VA	9	4.4	3	1.5	204,568
9. Clarke County, VA	1	7.0	1	7.0	14,361
10. Fairfax County, VA	21	2.0	20	1.9	1,033,590
11. Falls Church City, VA	0	0.0	0	0.0	10,948
12. Fauquier County, VA	7	10.6	2	3.0	66,328
13. Fredericksburg City, VA	1	4.5	1	4.5	22,410
14. Loudoun County, VA	9	3.2	3	1.1	278,797
15. Manassas City, VA	4	11.3	1	2.8	35,412
16. Prince William County, VA	15	4.0	9	2.4	371,837
17. Spotsylvania County, VA	4	3.4	1	0.8	119,194
18. Stafford County, VA	7	5.8	1	0.8	120,723
19. Warren County, VA	3	8.3	1	2.8	36,294
20. Jefferson County, WV					50,832

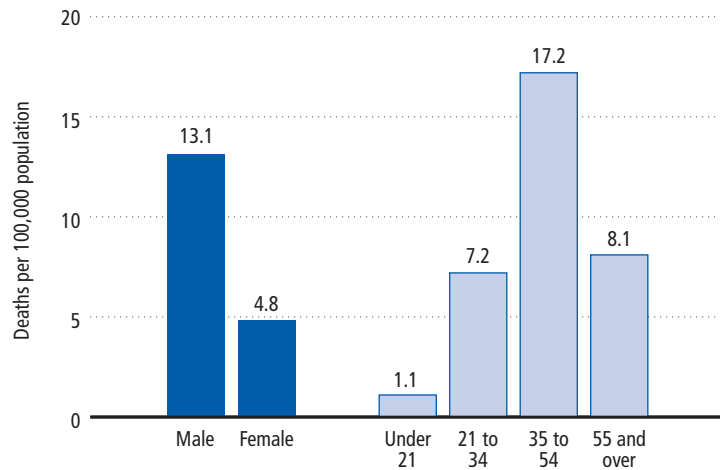
Shaded areas did not participate in DAWN this year.



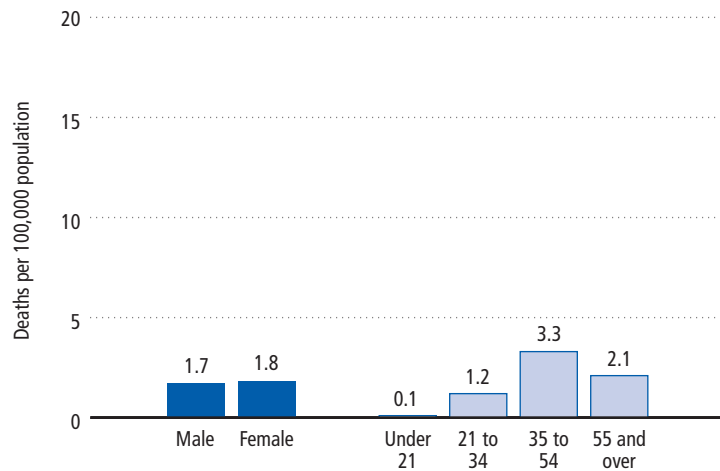
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	193	Health care facility	17
Home	185	Home	58
Public place	43	Public place	7
Other	44	Other	10
Not documented	0	Not documented	0

Drug-related deaths by drug category, 2006-2007

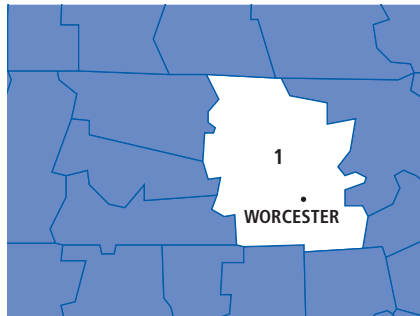
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	328	465	210	58	92	31
Alcohol*	96	122	5	18	22	0
Cocaine	163	216	96	9	10	4
Marijuana	0	--	--	0	0	0
Stimulants	--	6	--	--	--	--
Club drugs†	--	--	--	0	--	0
Hallucinogens††	6	25	13	--	--	0
Inhalants	--	--	--	--	--	--
Antidepressants	34	45	6	19	29	--
Antipsychotics	6	--	0	9	15	--
Benzodiazepines	7	25	--	13	16	--
Misc. anxiolytics, sedatives, and hypnotics	14	20	--	19	19	--
Opiates/opioids	197	273	80	24	32	8
Heroin (specified)	17	38	8	0	0	0
Methadone	54	72	26	10	5	--
All other opiates/opioids	157	193	46	17	28	7
Nonsteroidal anti-inflammatory agents	0	0	0	0	--	0
Salicylates/combinations	0	--	0	0	--	--
Misc. analgesics/combinations	12	14	0	4	14	4
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.

Worcester, MA



Deaths reported to DAWN
 Drug-related 102
 Drug-related suicide 15

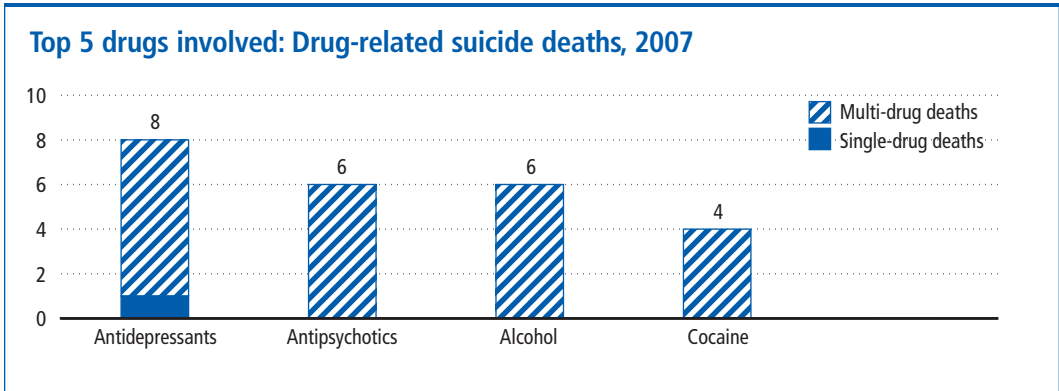
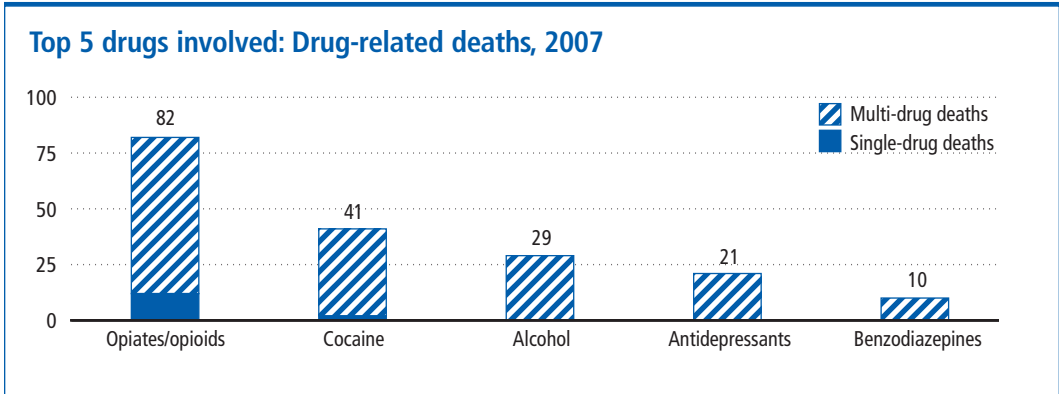
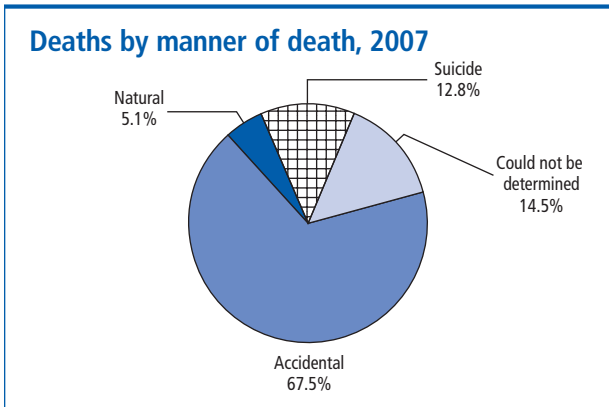
Metro area population, 2007
 781,352

Population covered by DAWN
 781,352

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2007

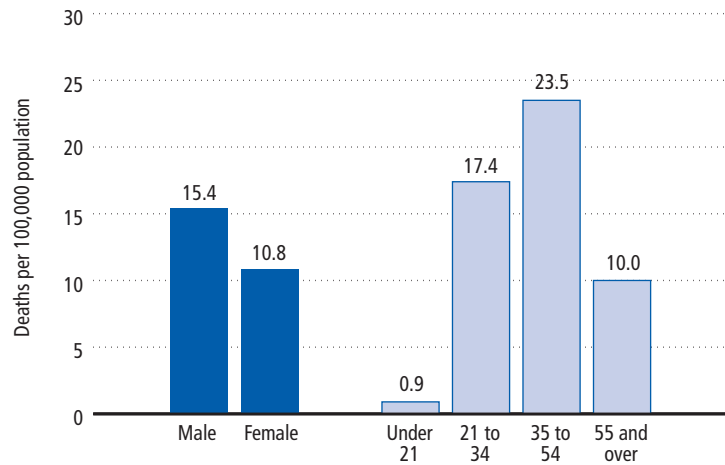
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	102	13.1	15	1.9	781,352
1. Worcester County, MA	102	13.1	15	1.9	781,352



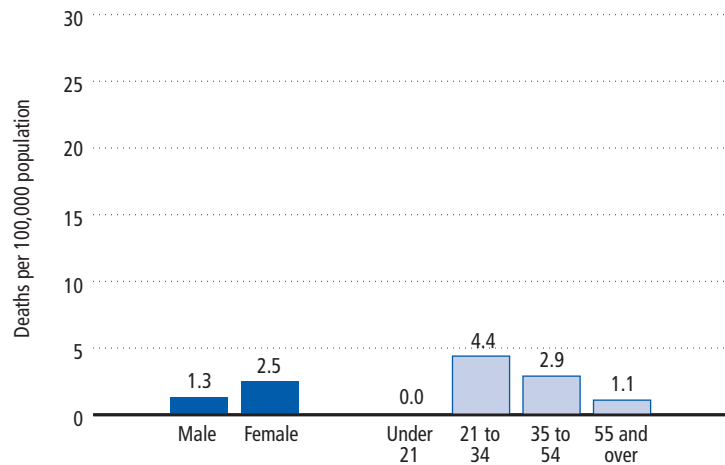
NOTES: 1. Drug-related deaths exclude suicides.
 2. All death rates are per 100,000 population.
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2007 (08/2008 update).

Death rates by gender and age: Drug-related, 2007



Death rates by gender and age: Drug-related suicide, 2007



Place of death, 2007

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	27	Health care facility	--
Home	55	Home	12
Public place	--	Public place	0
Other	13	Other	--
Not documented	5	Not documented	0

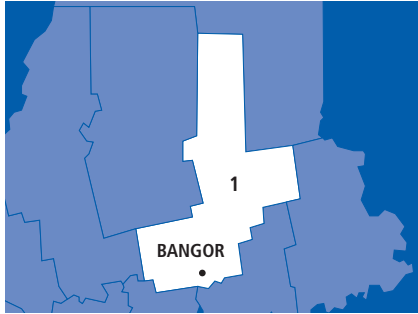
Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	106	102	19	11	15	--
Alcohol*	26	29	0	6	6	--
Cocaine	42	41	--	--	4	--
Marijuana	--	9	--	0	--	--
Stimulants	--	--	0	--	--	--
Club drugs†	0	0	0	0	0	--
Hallucinogens††	0	0	0	0	0	--
Inhalants	--	0	0	0	--	--
Antidepressants	26	21	0	5	8	--
Antipsychotics	6	5	0	--	6	--
Benzodiazepines	11	10	0	--	--	--
Misc. anxiolytics, sedatives, and hypnotics	4	--	0	--	0	--
Opiates/opioids	78	82	12	--	--	--
Heroin (specified)	--	7	--	0	0	--
Methadone	14	18	--	0	0	--
All other opiates/opioids	66	71	10	--	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	0	0	0	0	0	--
Misc. analgesics/combinations	--	4	--	--	0	--
Anticonvulsants	0	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.

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

Bangor, ME



Deaths reported to DAWN
 Drug-related 14
 Drug-related suicide 2

Metro area population, 2007
 148,784

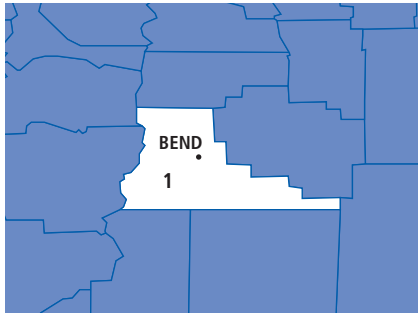
Population covered by DAWN
 148,784

Percent of population covered
 by DAWN
 100%

Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	14	9.4	2	1.3	148,784
1. Penobscot County, ME	14	9.4	2	1.3	148,784

Bend, OR



Deaths reported to DAWN
 Drug-related 14
 Drug-related suicide 4

Metro area population, 2007
 154,028

Population covered by DAWN
 154,028

Percent of population covered
 by DAWN
 100%

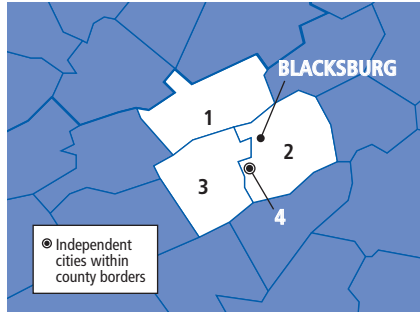
Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	14	9.1	4	2.6	154,028
1. Deschutes County, OR	14	9.1	4	2.6	154,028

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, 2007 (08/2008 update).

Blacksburg-Christiansburg-Radford, VA

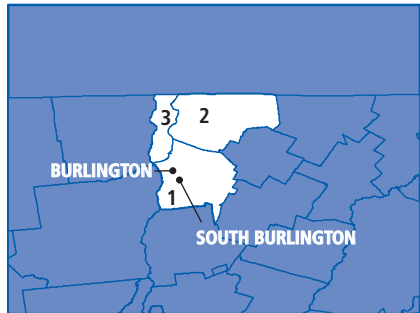


Deaths reported to DAWN
 Drug-related 21
 Drug-related suicide 4
 Metro area population, 2007
 157,614
 Population covered by DAWN
 157,614
 Percent of population covered
 by DAWN
 100%

Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (4)	21	13.3	4	2.5	157,614
1. Giles County, VA	2	11.6	0	0.0	17,228
2. Montgomery County, VA	9	10.1	4	4.5	89,193
3. Pulaski County, VA	9	25.7	0	0.0	35,060
4. Radford City, VA	1	6.2	0	0.0	16,133

Burlington-South Burlington, VT



Deaths reported to DAWN
 Drug-related 18
 Drug-related suicide 6
 Metro area population, 2007
 207,361
 Population covered by DAWN
 207,361
 Percent of population covered
 by DAWN
 100%

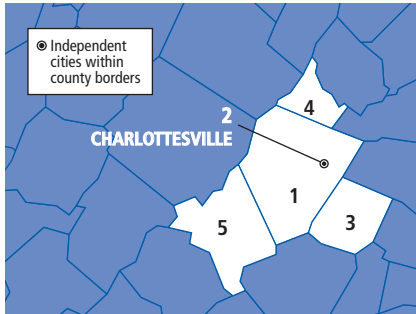
Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (3)	18	8.7	6	2.9	207,361
1. Chittenden County, VT	15	9.9	4	2.6	151,826
2. Franklin County, VT	3	6.3	2	4.2	47,934
3. Grand Isle County, VT	0	0.0	0	0.0	7,601

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, 2007 (08/2008 update).

Charlottesville, VA



Deaths reported to DAWN
 Drug-related 10
 Drug-related suicide 5

Metro area population, 2007
 192,779

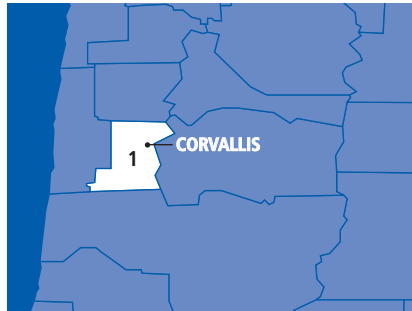
Population covered by DAWN
 192,779

Percent of population covered
 by DAWN
 100%

Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (5)	10	5.2	5	2.6	192,779
1. Albemarle County, VA	1	1.1	0	0.0	93,117
2. Charlottesville City, VA	8	19.4	3	7.3	41,228
3. Fluvanna County, VA	0	0.0	1	3.9	25,329
4. Greene County, VA	1	5.6	1	5.6	17,860
5. Nelson County, VA	0	0.0	0	0.0	15,245

Corvallis, OR



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

Metro area population, 2007
 81,428

Population covered by DAWN
 81,428

Percent of population covered
 by DAWN
 100%

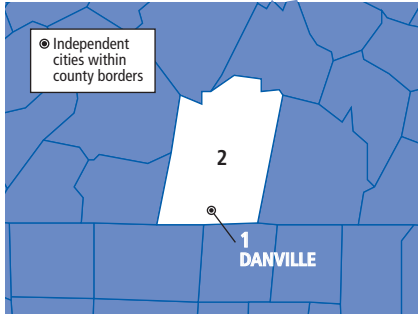
Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	1	1.2	2	2.5	81,428
1. Benton Country, OR	1	1.2	2	2.5	81,428

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, 2007 (08/2008 update).

Danville, VA



Deaths reported to DAWN
 Drug-related 8
 Drug-related suicide 1

Metro area population, 2007
 105,773

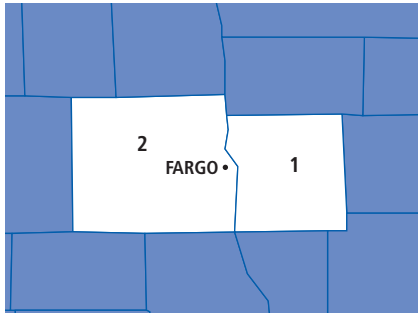
Population covered by DAWN
 105,773

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (2)	8	7.6	1	0.9	105,773
1. Danville City, VA	7	15.6	1	2.2	44,947
2. Pittsylvania County, VA	1	1.6	0	0.0	60,826

Fargo, ND-MN



Deaths reported to DAWN
 Drug-related 16
 Drug-related suicide 12

Metro area population, 2007
 192,417

Population covered by DAWN
 192,417

Percent of population covered by DAWN
 100%

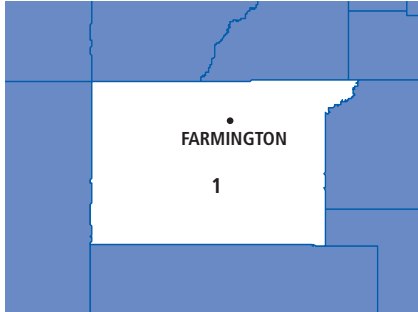
Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (2)	16	8.3	12	6.2	192,417
1. Clay County, MN	11	20.1	3	5.5	54,835
2. Cass County, ND	5	3.6	9	6.5	137,582

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, 2007 (08/2008 update).

Farmington, NM



Deaths reported to DAWN
 Drug-related 19
 Drug-related suicide 4

Metro area population, 2007
 122,427

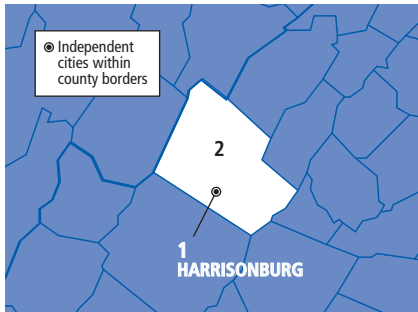
Population covered by DAWN
 122,427

Percent of population covered
 by DAWN
 100%

Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	19	15.5	4	3.3	122,427
1. San Juan County, NM	19	15.5	4	3.3	122,427

Harrisonburg, VA



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

Metro area population, 2007
 117,563

Population covered by DAWN
 117,563

Percent of population covered
 by DAWN
 100%

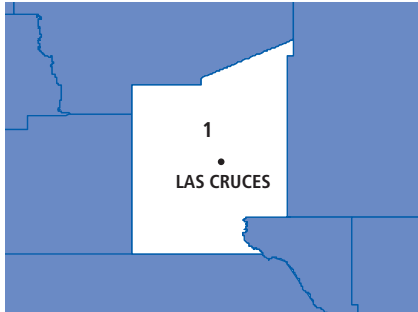
Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (2)	5	4.3	1	0.9	117,563
1. Harrisonburg City, VA	3	6.8	0	0.0	44,039
2. Rockingham County, VA	2	2.7	1	1.4	73,524

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, 2007 (08/2008 update).

Las Cruces, NM



Deaths reported to DAWN
 Drug-related 25
 Drug-related suicide 5
Metro area population, 2007
 198,791
Population covered by DAWN
 198,791
Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	25	12.6	5	2.5	198,791
1. Doña Ana County, NM	25	12.6	5	2.5	198,791

Lawton, OK



Deaths reported to DAWN
 Drug-related 10
 Drug-related suicide 2
Metro area population, 2007
 113,811
Population covered by DAWN
 113,811
Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	10	8.8	2	1.8	113,811
1. Comanche County, OK	10	8.8	2	1.8	113,811

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, 2007 (08/2008 update).

Lewiston-Auburn, ME



Deaths reported to DAWN
 Drug-related 9
 Drug-related suicide 2

Metro area population, 2007
 106,815

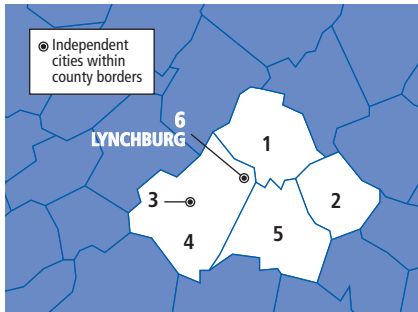
Population covered by DAWN
 106,815

Percent of population covered
 by DAWN
 100%

Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	9	8.4	2	1.9	106,815
1. Androscoggin County, ME	9	8.4	2	1.9	106,815

Lynchburg, VA



Deaths reported to DAWN
 Drug-related 13
 Drug-related suicide 1

Metro area population, 2007
 243,580

Population covered by DAWN
 243,580

Percent of population covered
 by DAWN
 100%

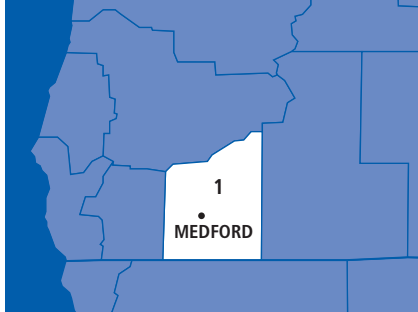
Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (6)	13	5.3	1	0.4	243,580
1. Amherst County, VA	3	9.3	0	0.0	32,223
2. Appomattox County, VA	0	0.0	0	0.0	14,199
3. Bedford City, VA	1	15.9	0	0.0	6,286
4. Bedford County, VA	0	0.0	0	0.0	66,750
5. Campbell County, VA	2	3.8	0	0.0	52,840
6. Lynchburg City, VA	7	9.8	1	1.4	71,282

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, 2007 (08/2008 update).

Medford, OR



Deaths reported to DAWN
 Drug-related 24
 Drug-related suicide 15

Metro area population, 2007
 199,295

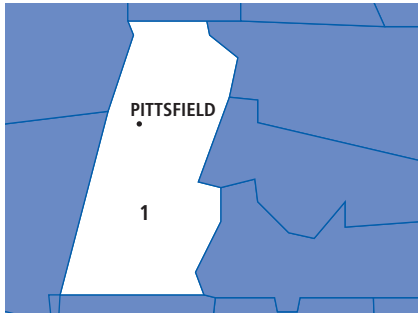
Population covered by DAWN
 199,295

Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	24	12.0	15	7.5	199,295
1. Jackson County, OR	24	12.0	15	7.5	199,295

Pittsfield, MA



Deaths reported to DAWN
 Drug-related 12
 Drug-related suicide 6

Metro area population, 2007
 129,798

Population covered by DAWN
 129,798

Percent of population covered by DAWN
 100%

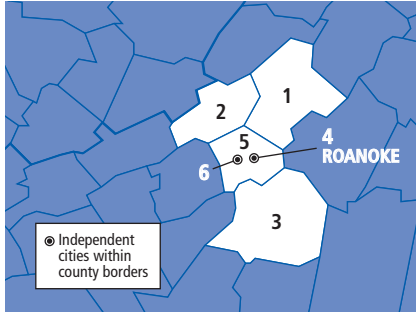
Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	12	9.2	6	4.6	129,798
1. Berkshire County, MA	12	9.2	6	4.6	129,798

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, 2007 (08/2008 update).

Roanoke, VA



Deaths reported to DAWN
 Drug-related 21
 Drug-related suicide 6

Metro area population, 2007
 296,532

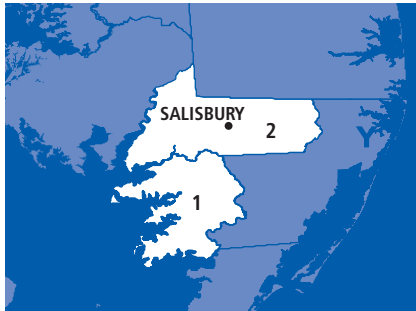
Population covered by DAWN
 296,532

Percent of population covered
 by DAWN
 100%

Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (6)	21	7.1	6	2.0	296,532
1. Botetourt County, VA	0	0.0	0	0.0	32,005
2. Craig County, VA	0	0.0	0	0.0	5,141
3. Franklin County, VA	3	5.9	1	2.0	51,133
4. Roanoke City, VA	12	13.0	4	4.3	92,600
5. Roanoke County, VA	5	5.5	0	0.0	90,420
6. Salem City, VA	1	4.0	1	4.0	25,233

Salisbury, MD



Deaths reported to DAWN
 Drug-related 15
 Drug-related suicide 0

Metro area population, 2007
 119,616

Population covered by DAWN
 119,616

Percent of population covered
 by DAWN
 100%

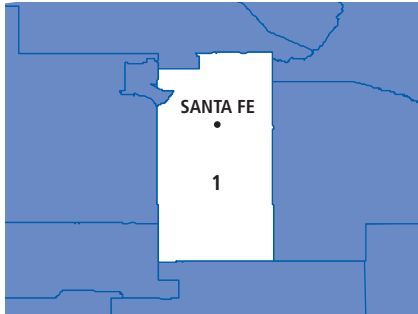
Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (2)	15	12.5	0	0.0	119,616
1. Somerset County, MD	3	11.5	0	0.0	26,016
2. Wicomico County, MD	12	12.8	0	0.0	93,600

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, 2007 (08/2008 update).

Santa Fe, NM

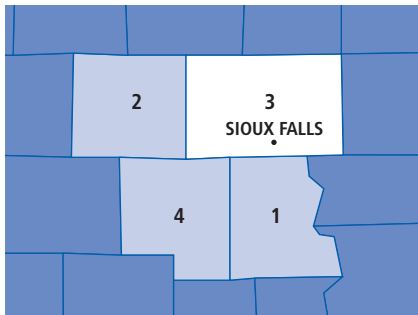


Deaths reported to DAWN
 Drug-related 28
 Drug-related suicide 1
Metro area population, 2007
 142,955
Population covered by DAWN
 142,955
Percent of population covered by DAWN
 100%

Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	28	19.6	1	0.7	142,955
1. Santa Fe County, NM	28	19.6	1	0.7	142,955

Sioux Falls, SD



Deaths reported to DAWN
 Drug-related 2
 Drug-related suicide 7
Metro area population, 2007
 227,171
Population covered by DAWN
 175,272
Percent of population covered by DAWN
 77%

Metro area overview: Deaths and population by county, 2007

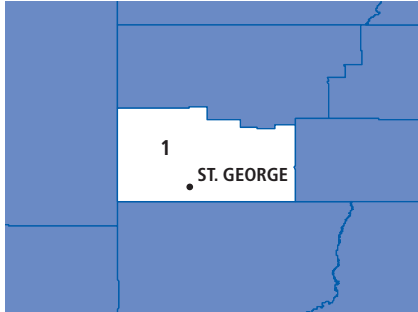
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	2	1.1	7	4.0	175,272
1. Lincoln County, SD					37,765
2. McCook County, SD					5,755
3. Minnehaha County, SD	2	1.1	7	4.0	175,272
4. Turner County, SD					8,379

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, 2007 (08/2008 update).

St. George, UT



Deaths reported to DAWN
 Drug-related 14
 Drug-related suicide 5

Metro area population, 2007
 133,791

Population covered by DAWN
 133,791

Percent of population covered
 by DAWN
 100%

Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	14	10.5	5	3.7	133,791
1. Washington County, UT	14	10.5	5	3.7	133,791

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, 2007 (08/2008 update).

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

Atlanta-Sandy Springs-Marietta, GA



Deaths reported to DAWN
 Drug-related 180
 Drug-related suicide 22

Metro area population, 2007
 5,278,904

Population covered by DAWN
 2,195,477

Percent of population covered
 by DAWN
 42%

Metro area overview: Deaths and population by county, 2007

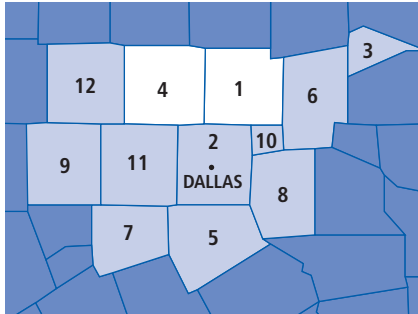
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (7)	180	8.2	22	1.0	2,195,477
1. Barrow County, GA					67,139
2. Bartow County, GA					92,834
3. Butts County, GA					23,759
4. Carroll County, GA	20	17.9	1	0.9	111,954
5. Cherokee County, GA	7	3.4	1	0.5	204,363
6. Clayton County, GA					272,217
7. Cobb County, GA					691,905
8. Coweta County, GA					118,936
9. Dawson County, GA					21,484
10. DeKalb County, GA					737,093
11. Douglas County, GA					124,495
12. Fayette County, GA					106,144
13. Forsyth County, GA					158,914
14. Fulton County, GA	102	10.3	6	0.6	992,137
15. Gwinnett County, GA	35	4.5	11	1.4	776,380
16. Haralson County, GA					28,718
17. Heard County, GA	3	26.3	1	8.8	11,387
18. Henry County, GA					186,037
19. Jasper County, GA					13,660
20. Lamar County, GA					16,961
21. Meriwether County, GA					22,748
22. Newton County, GA					96,019
23. Paulding County, GA					127,906
24. Pickens County, GA					30,488
25. Pike County, GA	1	5.8	0	0.0	17,204
26. Rockdale County, GA	12	14.6	2	2.4	82,052
27. Spalding County, GA					62,826
28. Walton County, GA					83,144

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, 2007 (08/2008 update).

Dallas-Fort Worth-Arlington, TX



Deaths reported to DAWN
 Drug-related 81
 Drug-related suicide 11
Metro area population, 2007
 6,145,037
Population covered by DAWN
 1,343,047
Percent of population covered by DAWN
 22%

Metro area overview: Deaths and population by county, 2007

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (2)	81	6.0	11	0.8	1,343,047
1. Collin County, TX	43	5.9	9	1.2	730,690
2. Dallas County, TX					2,366,511
3. Delta County, TX					5,375
4. Denton County, TX	38	6.2	2	0.3	612,357
5. Ellis County, TX					143,468
6. Hunt County, TX					82,945
7. Johnson County, TX					149,797
8. Kaufman County, TX					96,373
9. Parker County, TX					108,687
10. Rockwall County, TX					73,810
11. Tarrant County, TX					1,717,435
12. Wise County, TX					57,589

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, 2007 (08/2008 update).

AREA SPOTLIGHTS

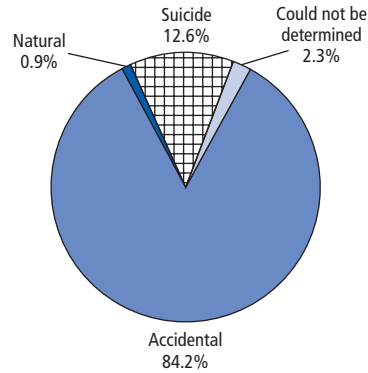
Albuquerque, NM: Bernalillo County, NM



Bernalillo County, NM: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	188
Drug-related suicide.....	27
Population	
	629,292
Deaths per 100,000 population	
Drug-related.....	29.9
Drug-related suicide.....	4.3

Deaths by manner of death, 2007



Place of death, 2007

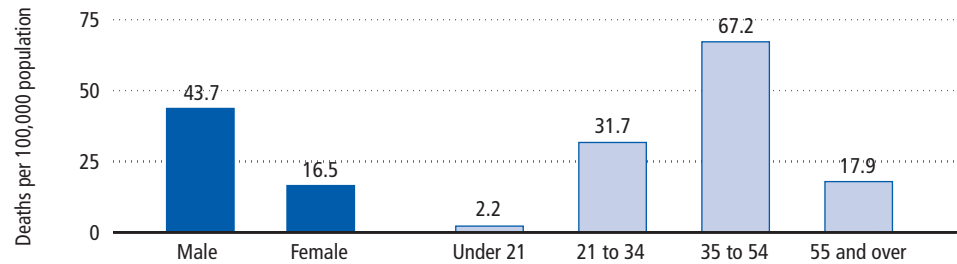
Drug-related		Deaths
Health care facility.....		38
Home.....		102
Public place.....		12
Other.....		36
Not documented.....		0
Drug-related suicide		Deaths
Health care facility.....		7
Home.....		18
Public place.....		--
Other.....		--
Not documented.....		0

Drug-related deaths by drug category, 2006-2007

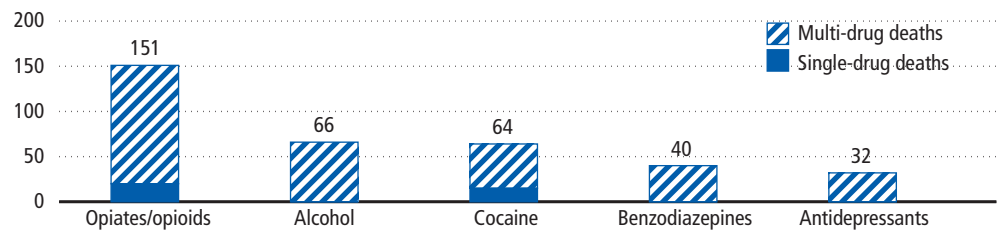
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	182	188	37	21	27	4
Alcohol*	59	66	0	4	6	0
Cocaine	69	64	15	5	--	0
Marijuana	5	8	0	0	0	0
Stimulants	12	20	--	0	--	0
Club drugs†	0	--	0	0	0	0
Hallucinogens**	0	0	0	0	0	0
Inhalants	--	--	0	0	0	0
Antidepressants	21	32	0	9	18	--
Antipsychotics	5	7	0	4	5	0
Benzodiazepines	30	40	0	7	11	--
Misc. anxiolytics, sedatives, and hypnotics	4	21	0	--	5	0
Opiates/opioids	132	151	20	8	10	0
Heroin (specified)	52	27	5	--	--	0
Methadone	28	29	--	--	0	0
All other opiates/opioids	60	117	12	4	9	0
Nonsteroidal anti-inflammatory agents	0	--	0	0	0	0
Salicylates/combinations	--	0	0	0	--	--
Misc. analgesics/combinations	--	20	--	--	--	0
Anticonvulsants	11	--	0	--	4	0
Muscle relaxants	6	12	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, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

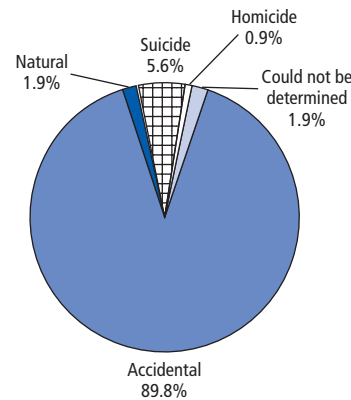
Atlanta-Sandy Springs-Marietta, GA: Fulton County, GA



Fulton County, GA: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	102
Drug-related suicide.....	6
Population	992,137
Deaths per 100,000 population	
Drug-related.....	10.3
Drug-related suicide.....	0.6

Deaths by manner of death, 2007



Place of death, 2007

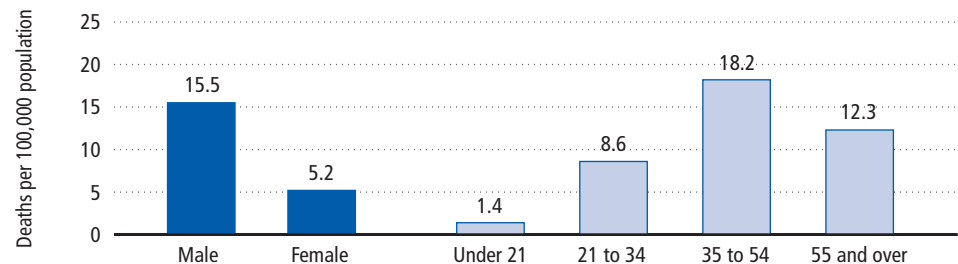
Drug-related		Deaths
Health care facility.....		30
Home.....		49
Public place.....		5
Other.....		18
Not documented.....		0
Drug-related suicide		Deaths
Health care facility.....		--
Home.....		--
Public place.....		0
Other.....		--
Not documented.....		0

Drug-related deaths by drug category, 2006-2007

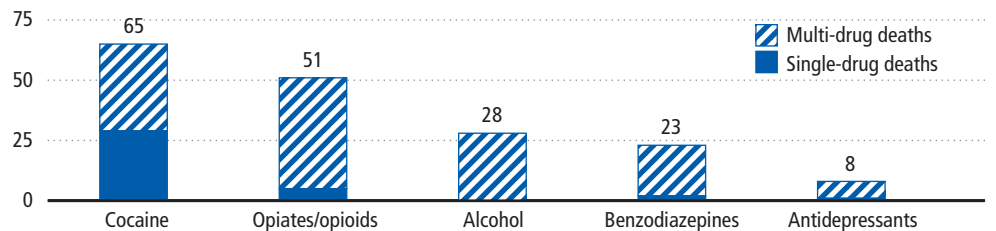
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	112	102	39	9	6	--
Alcohol*	23	28	0	--	--	--
Cocaine	73	65	29	--	0	--
Marijuana	0	--	0	0	0	--
Stimulants	6	--	--	--	0	--
Club drugs†	5	--	0	0	0	--
Hallucinogens**	--	0	0	0	0	--
Inhalants	0	0	0	--	0	--
Antidepressants	16	8	--	--	4	--
Antipsychotics	5	4	--	--	--	--
Benzodiazepines	16	23	--	--	--	--
Misc. anxiolytics, sedatives, and hypnotics	7	4	0	--	0	--
Opiates/opioids	40	51	5	--	--	--
Heroin (specified)	0	4	0	0	0	--
Methadone	6	9	--	0	0	--
All other opiates/opioids	36	43	--	--	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	0	0	0	0	--	--
Misc. analgesics/combinations	--	--	0	--	0	--
Anticonvulsants	--	0	0	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, 2007



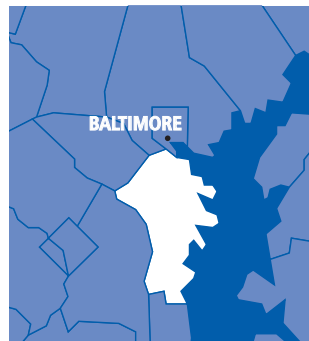
Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

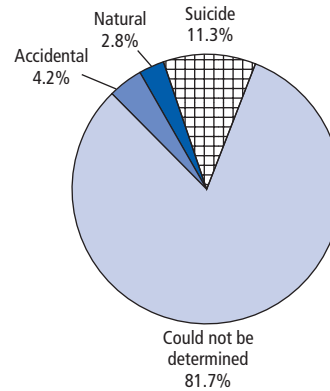
Baltimore-Towson, MD: Anne Arundel County, MD



Anne Arundel County, MD: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	63
Drug-related suicide.....	8
Population	512,154
Deaths per 100,000 population	
Drug-related.....	12.3
Drug-related suicide.....	1.6

Deaths by manner of death, 2007



Place of death, 2007

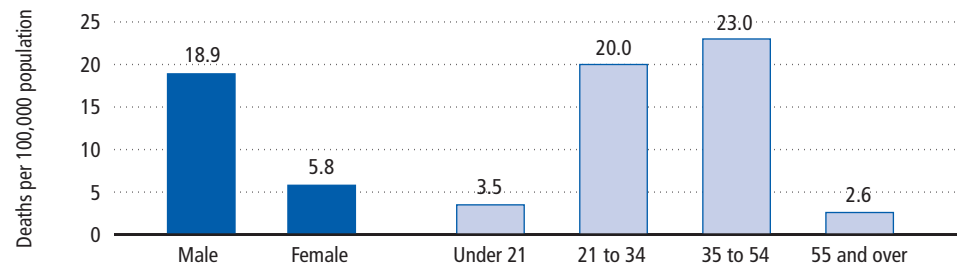
Drug-related		Deaths
Health care facility.....		20
Home.....		29
Public place.....		--
Other.....		12
Not documented.....		0
Drug-related suicide		Deaths
Health care facility.....		--
Home.....		5
Public place.....		0
Other.....		--
Not documented.....		0

Drug-related deaths by drug category, 2006-2007

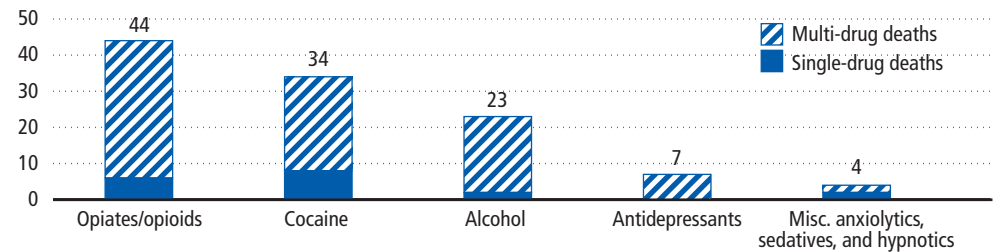
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	56	63	18	8	8	--
Alcohol*	26	23	--	4	--	--
Cocaine	14	34	8	--	--	--
Marijuana	0	0	0	0	0	--
Stimulants	--	0	0	0	0	--
Club drugs†	0	0	0	0	0	--
Hallucinogens**	--	0	0	0	0	--
Inhalants	0	0	0	0	0	--
Antidepressants	8	7	0	--	--	--
Antipsychotics	--	--	0	0	--	--
Benzodiazepines	--	0	0	0	--	--
Misc. anxiolytics, sedatives, and hypnotics	--	4	--	--	--	--
Opiates/opioids	41	44	6	5	4	--
Heroin (specified)	0	15	0	0	0	--
Methadone	15	14	--	0	--	--
All other opiates/opioids	29	25	4	5	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	0	0	0	0	0	--
Misc. analgesics/combinations	--	--	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.

Death rates by gender and age: Drug-related, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

Baltimore-Towson, MD: Baltimore City, MD



Baltimore City, MD: Deaths and population, 2007

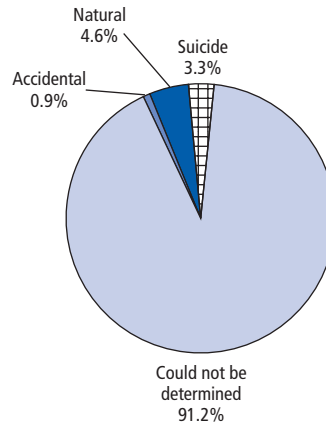
Deaths reported to DAWN	
Drug-related.....	318
Drug-related suicide.....	11
Population.....637,455	
Deaths per 100,000 population	
Drug-related.....	49.9
Drug-related suicide.....	1.7

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	303	318	91	9	11	5
Alcohol*	123	103	0	--	--	0
Cocaine	176	155	26	--	--	0
Marijuana	--	--	0	0	0	0
Stimulants	0	0	0	0	0	0
Club drugs†	0	0	0	0	0	0
Hallucinogens**	--	0	0	0	--	0
Inhalants	0	0	0	0	0	0
Antidepressants	13	24	--	--	0	0
Antipsychotics	4	5	--	0	0	0
Benzodiazepines	4	10	0	0	--	0
Misc. anxiolytics, sedatives, and hypnotics	8	13	0	0	--	--
Opiates/opioids	251	274	62	0	--	--
Heroin (specified)	11	76	8	0	0	0
Methadone	70	91	32	0	0	0
All other opiates/opioids	208	164	22	0	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	--	0	0	--	0	0
Misc. analgesics/combinations	14	10	0	--	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.

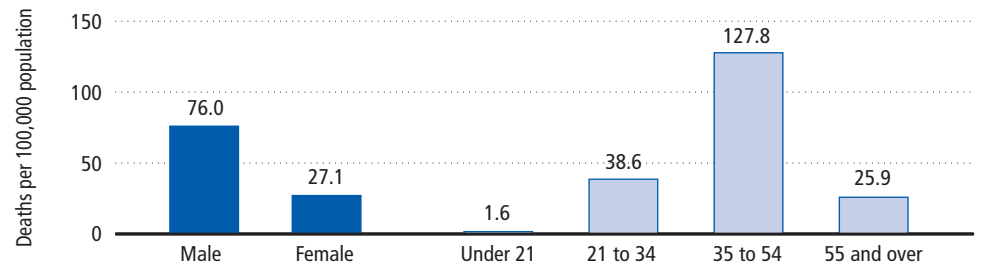
Deaths by manner of death, 2007



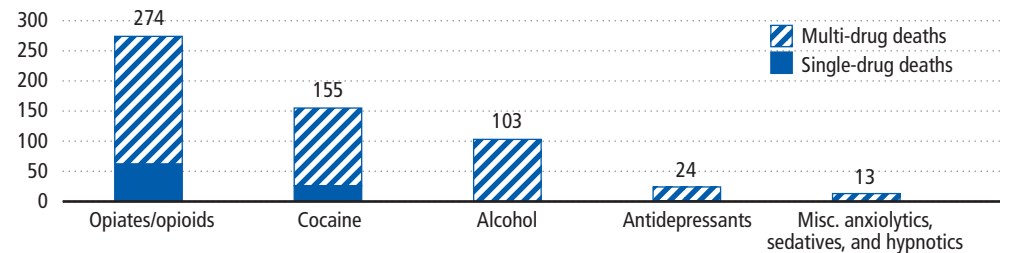
Place of death, 2007

Drug-related		Deaths
Health care facility	.....	177
Home	.....	90
Public place	.....	--
Other	.....	48
Not documented	.....	0
Drug-related suicide		Deaths
Health care facility	.....	7
Home	.....	4
Public place	.....	0
Other	.....	0
Not documented	.....	0

Death rates by gender and age: Drug-related, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

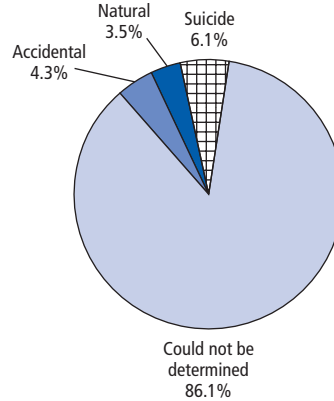
Baltimore-Towson, MD: Baltimore County, MD



Baltimore County, MD: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	108
Drug-related suicide.....	7
Population	
	788,994
Deaths per 100,000 population	
Drug-related.....	13.7
Drug-related suicide.....	0.9

Deaths by manner of death, 2007



Place of death, 2007

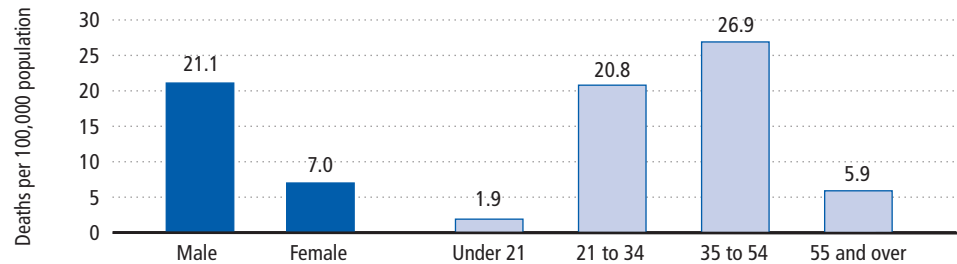
Drug-related		Deaths
Health care facility.....		23
Home.....		60
Public place.....		--
Other.....		24
Not documented.....		0
Drug-related suicide		Deaths
Health care facility.....		--
Home.....		4
Public place.....		0
Other.....		--
Not documented.....		0

Drug-related deaths by drug category, 2006-2007

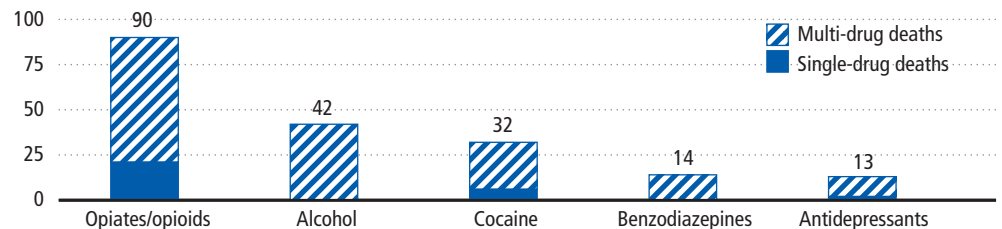
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	97	108	31	13	7	--
Alcohol*	33	42	0	5	--	--
Cocaine	32	32	6	--	--	--
Marijuana	0	0	0	0	0	--
Stimulants	0	0	0	0	0	--
Club drugs†	0	0	0	0	0	--
Hallucinogens**	0	0	0	0	0	--
Inhalants	0	0	0	0	0	--
Antidepressants	8	13	--	--	--	--
Antipsychotics	4	9	0	--	--	--
Benzodiazepines	--	14	0	4	--	--
Misc. anxiolytics, sedatives, and hypnotics	4	11	--	--	--	--
Opiates/opioids	78	90	21	5	4	--
Heroin (specified)	0	13	--	0	0	--
Methadone	30	32	10	0	--	--
All other opiates/opioids	59	57	9	5	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	0	0	0	0	0	--
Misc. analgesics/combinations	--	6	0	--	0	--
Anticonvulsants	--	--	0	0	0	--
Muscle relaxants	--	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.

Death rates by gender and age: Drug-related, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

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



Essex County, MA: Deaths and population, 2007

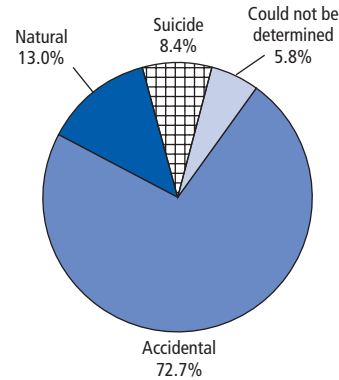
Deaths reported to DAWN	
Drug-related.....	141
Drug-related suicide.....	13
Population	733,101
Deaths per 100,000 population	
Drug-related.....	19.2
Drug-related suicide.....	1.8

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	109	141	22	14	13	--
Alcohol*	28	44	0	--	--	--
Cocaine	46	62	--	--	0	--
Marijuana	0	15	0	0	--	--
Stimulants	--	7	--	0	--	--
Club drugs†	0	--	0	0	0	--
Hallucinogens**	0	0	0	0	0	--
Inhalants	--	0	0	--	--	--
Antidepressants	18	24	--	7	5	--
Antipsychotics	--	5	0	--	--	--
Benzodiazepines	12	39	--	--	4	--
Misc. anxiolytics, sedatives, and hypnotics	9	4	0	--	--	--
Opiates/opioids	84	108	12	5	4	--
Heroin (specified)	8	6	0	0	0	--
Methadone	25	28	--	0	0	--
All other opiates/opioids	58	91	9	5	4	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	0	0	0	0	0	--
Misc. analgesics/combinations	--	--	0	0	--	--
Anticonvulsants	0	4	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.

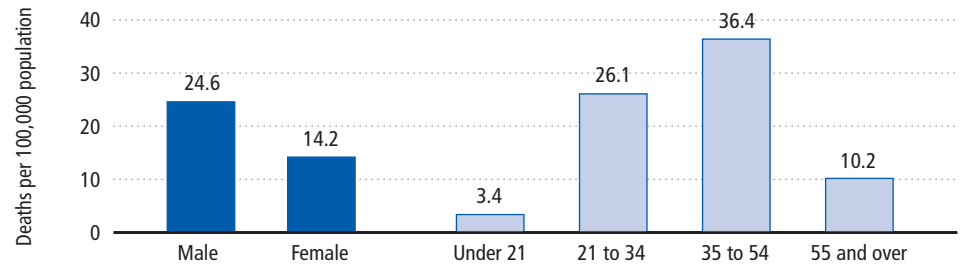
Deaths by manner of death, 2007



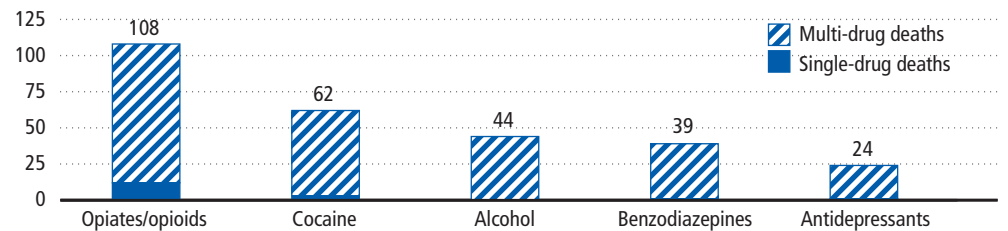
Place of death, 2007

Drug-related		Deaths
Health care facility	.....	51
Home	.....	62
Public place	.....	5
Other	.....	17
Not documented	.....	6
Drug-related suicide		Deaths
Health care facility	.....	--
Home	.....	7
Public place	.....	--
Other	.....	--
Not documented	.....	0

Death rates by gender and age: Drug-related, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

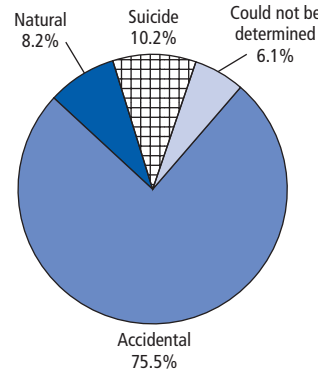
Boston-Cambridge-Quincy, MA-NH: Middlesex County, MA



Middlesex County, MA: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	176
Drug-related suicide.....	20
Population	1,473,416
Deaths per 100,000 population	
Drug-related.....	11.9
Drug-related suicide.....	1.4

Deaths by manner of death, 2007



Place of death, 2007

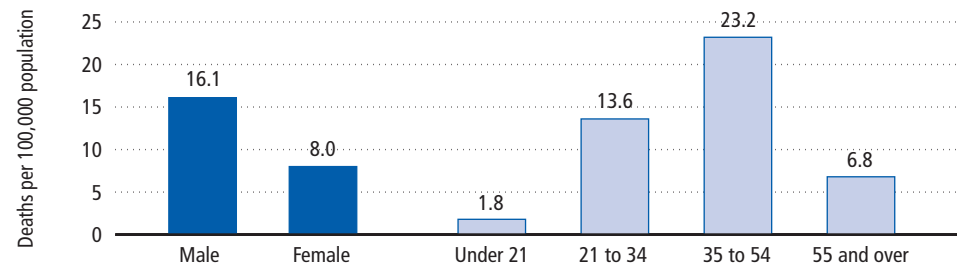
Drug-related		Deaths
Health care facility	.....	59
Home	.....	94
Public place	.....	--
Other	.....	18
Not documented	.....	--
Drug-related suicide		Deaths
Health care facility	.....	7
Home	.....	12
Public place	.....	--
Other	.....	0
Not documented	.....	0

Drug-related deaths by drug category, 2006-2007

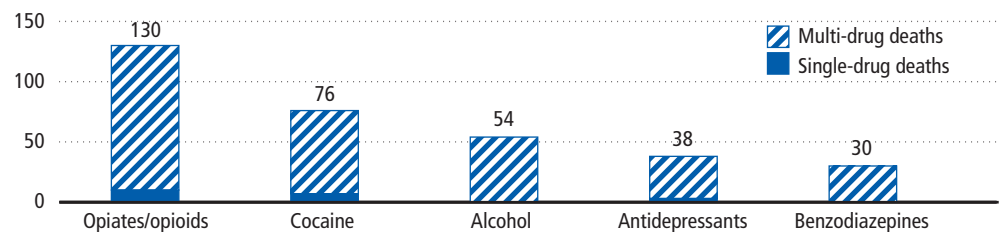
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	161	176	32	24	20	6
Alcohol*	33	54	0	4	--	0
Cocaine	59	76	7	--	--	0
Marijuana	--	10	0	0	0	0
Stimulants	--	12	--	0	--	0
Club drugs†	0	--	0	0	0	0
Hallucinogens**	0	0	0	0	0	0
Inhalants	--	0	0	4	--	--
Antidepressants	30	38	--	12	6	0
Antipsychotics	6	10	--	5	0	0
Benzodiazepines	17	30	0	--	7	0
Misc. anxiolytics, sedatives, and hypnotics	5	4	0	5	--	0
Opiates/opioids	126	130	10	7	7	--
Heroin (specified)	4	13	0	0	0	0
Methadone	38	45	--	--	--	0
All other opiates/opioids	98	105	7	5	6	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	0	0	0	0	0
Misc. analgesics/combinations	0	--	0	--	--	--
Anticonvulsants	--	4	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, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

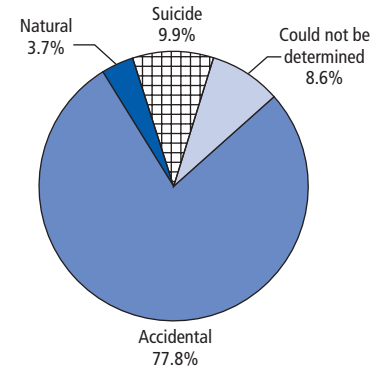
Boston-Cambridge-Quincy, MA-NH: Norfolk County, MA



Norfolk County, MA: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	73
Drug-related suicide.....	8
Population	654,909
Deaths per 100,000 population	
Drug-related.....	11.1
Drug-related suicide.....	1.2

Deaths by manner of death, 2007



Place of death, 2007

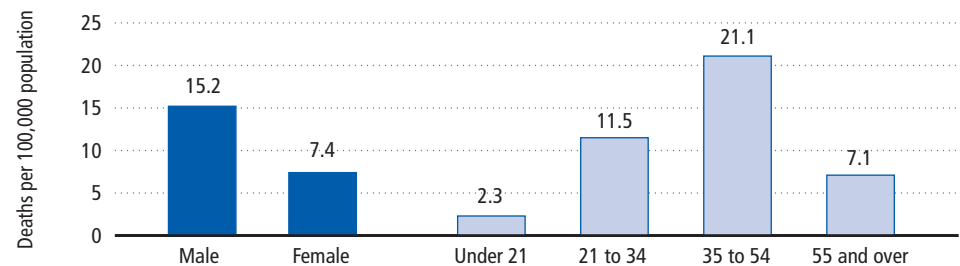
Drug-related		Deaths
Health care facility	.....	20
Home	.....	40
Public place	.....	4
Other	.....	7
Not documented	.....	--
Drug-related suicide		Deaths
Health care facility	.....	--
Home	.....	7
Public place	.....	0
Other	.....	0
Not documented	.....	0

Drug-related deaths by drug category, 2006-2007

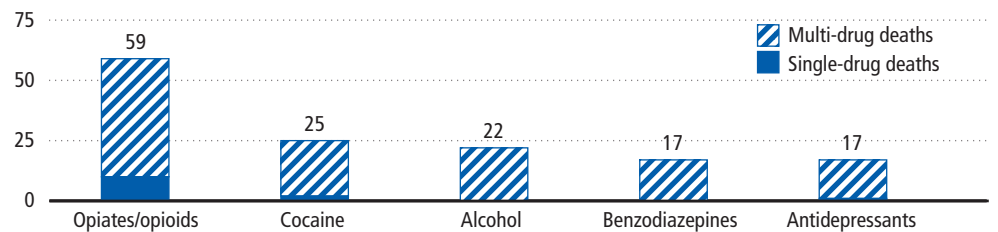
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	68	73	13	7	8	--
Alcohol*	15	22	0	--	4	--
Cocaine	30	25	--	--	0	--
Marijuana	--	7	0	0	0	--
Stimulants	--	4	0	0	--	--
Club drugs†	0	0	0	0	--	--
Hallucinogens**	0	0	0	0	0	--
Inhalants	--	0	0	0	--	--
Antidepressants	14	17	--	--	4	--
Antipsychotics	--	0	0	0	--	--
Benzodiazepines	4	17	0	--	--	--
Misc. anxiolytics, sedatives, and hypnotics	--	--	0	--	--	--
Opiates/opioids	47	59	10	--	--	--
Heroin (specified)	4	6	0	--	0	--
Methadone	15	16	--	--	0	--
All other opiates/opioids	35	53	9	0	--	--
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	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, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

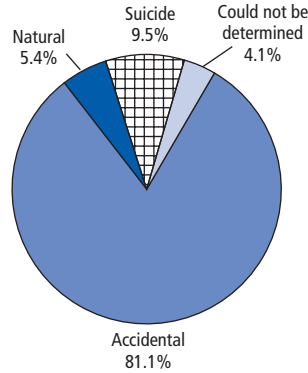
Boston-Cambridge-Quincy, MA-NH: Plymouth County, MA



Plymouth County, MA: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	67
Drug-related suicide.....	7
Population.....490,258	
Deaths per 100,000 population	
Drug-related.....	13.7
Drug-related suicide.....	1.4

Deaths by manner of death, 2007



Place of death, 2007

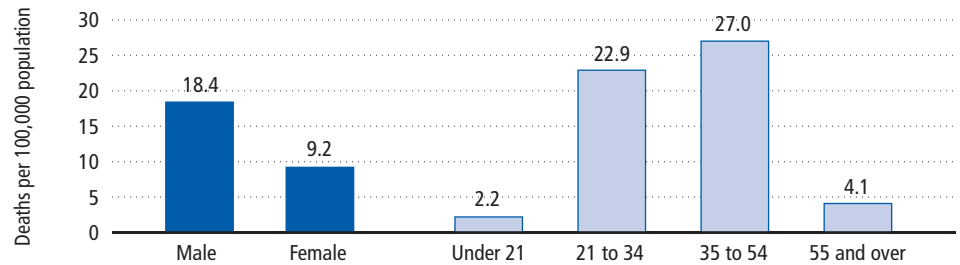
Drug-related		Deaths
Health care facility	.....	26
Home	.....	28
Public place	.....	--
Other	.....	8
Not documented	.....	--
Drug-related suicide		Deaths
Health care facility	.....	0
Home	.....	5
Public place	.....	--
Other	.....	--
Not documented	.....	0

Drug-related deaths by drug category, 2006-2007

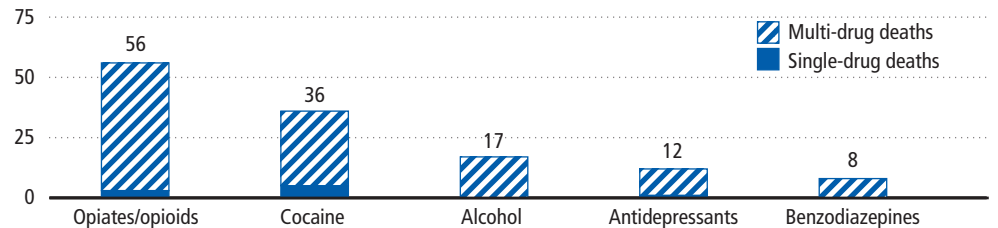
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	59	67	10	4	7	--
Alcohol*	11	17	0	0	--	--
Cocaine	25	36	5	0	--	--
Marijuana	--	5	0	0	0	--
Stimulants	--	6	0	0	0	--
Club drugs†	0	0	0	0	0	--
Hallucinogens**	0	0	0	0	0	--
Inhalants	0	0	0	0	--	--
Antidepressants	9	12	--	--	--	--
Antipsychotics	--	--	0	--	0	--
Benzodiazepines	10	8	0	--	--	--
Misc. anxiolytics, sedatives, and hypnotics	--	--	0	0	--	--
Opiates/opioids	38	56	--	--	--	--
Heroin (specified)	--	6	0	0	0	--
Methadone	10	13	--	--	0	--
All other opiates/opioids	30	50	--	0	--	--
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	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, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

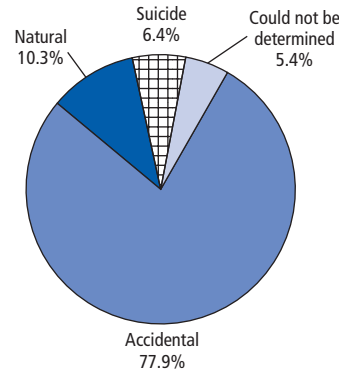
Boston-Cambridge-Quincy, MA-NH: Suffolk County, MA



Suffolk County, MA: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	191
Drug-related suicide.....	13
Population	713,049
Deaths per 100,000 population	
Drug-related.....	26.8
Drug-related suicide.....	1.8

Deaths by manner of death, 2007



Place of death, 2007

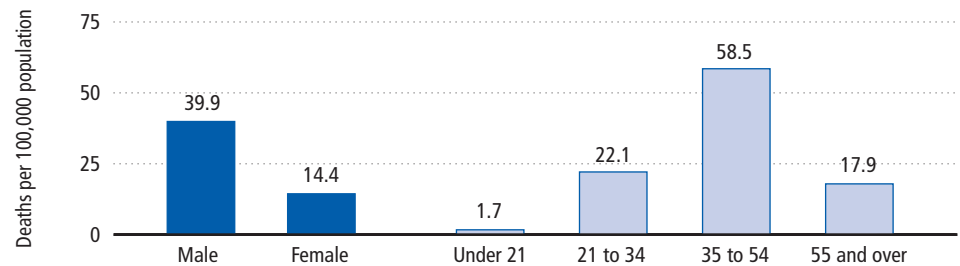
Drug-related		Deaths
Health care facility	.....	61
Home	.....	92
Public place	.....	9
Other	.....	22
Not documented	.....	7
Drug-related suicide		Deaths
Health care facility	.....	4
Home	.....	6
Public place	.....	--
Other	.....	--
Not documented	.....	0

Drug-related deaths by drug category, 2006-2007

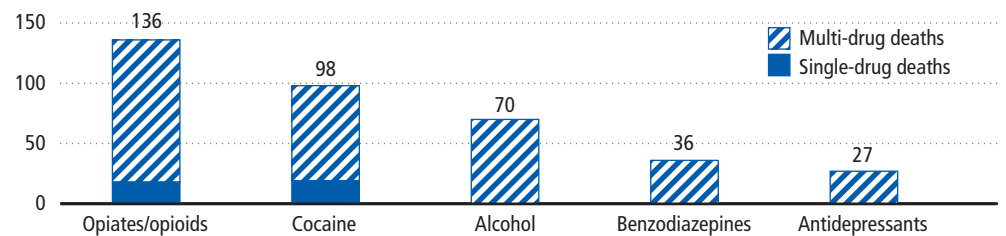
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	165	191	47	9	13	4
Alcohol*	38	70	0	4	5	0
Cocaine	76	98	19	0	--	0
Marijuana	0	13	0	0	0	0
Stimulants	--	6	--	0	0	0
Club drugs†	0	--	0	0	0	0
Hallucinogens**	0	0	0	0	0	0
Inhalants	--	--	0	0	0	0
Antidepressants	24	27	0	4	7	--
Antipsychotics	7	--	0	0	--	0
Benzodiazepines	13	36	0	--	--	0
Misc. anxiolytics, sedatives, and hypnotics	4	6	0	--	--	0
Opiates/opioids	116	136	18	--	--	0
Heroin (specified)	9	16	--	0	--	0
Methadone	19	27	--	0	--	0
All other opiates/opioids	98	116	15	--	--	0
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	--	0	0	--	--
Misc. analgesics/combinations	5	4	--	--	--	--
Anticonvulsants	--	0	0	0	0	0
Muscle relaxants	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, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

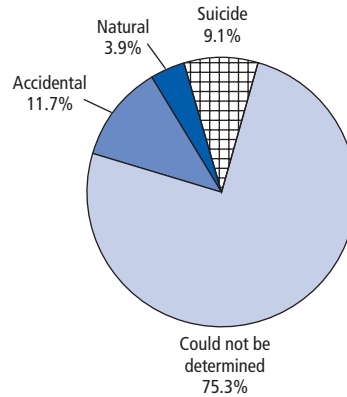
Buffalo-Niagara Falls, NY: Erie County, NY



Erie County, NY: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	70
Drug-related suicide.....	7
Population	913,338
Deaths per 100,000 population	
Drug-related.....	7.7
Drug-related suicide.....	0.8

Deaths by manner of death, 2007



Place of death, 2007

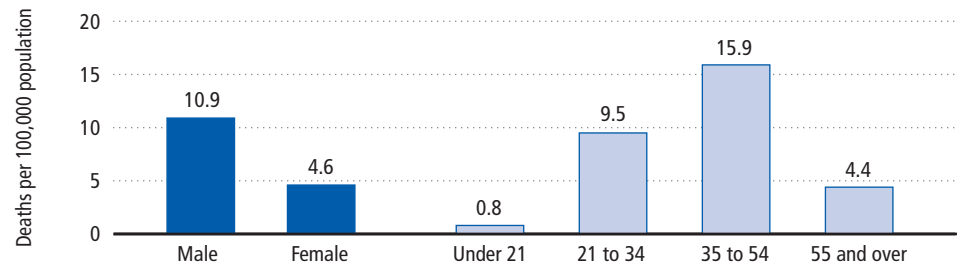
Drug-related		Deaths
Health care facility.....		22
Home.....		44
Public place.....		--
Other.....		--
Not documented.....		0
Drug-related suicide		Deaths
Health care facility.....		0
Home.....		6
Public place.....		0
Other.....		--
Not documented.....		0

Drug-related deaths by drug category, 2006-2007

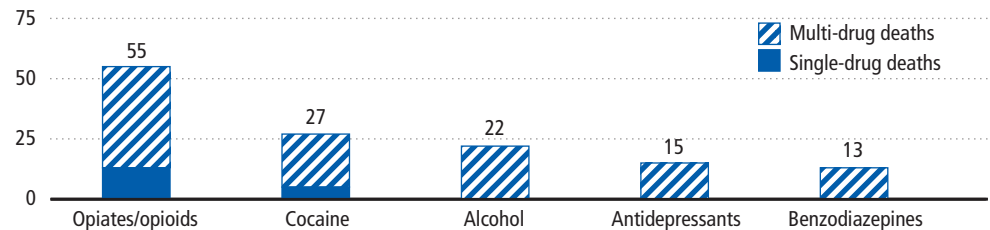
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	69	70	20	8	7	--
Alcohol*	16	22	0	--	--	--
Cocaine	27	27	5	0	--	--
Marijuana	11	8	0	0	0	--
Stimulants	0	0	0	0	0	--
Club drugs†	0	0	0	0	0	--
Hallucinogens**	0	0	0	0	0	--
Inhalants	--	0	0	0	0	--
Antidepressants	16	15	0	4	5	--
Antipsychotics	6	--	0	--	--	--
Benzodiazepines	10	13	0	--	--	--
Misc. anxiolytics, sedatives, and hypnotics	11	7	--	--	0	--
Opiates/opioids	49	55	13	5	--	--
Heroin (specified)	9	13	--	0	0	--
Methadone	8	9	--	--	--	--
All other opiates/opioids	34	39	7	4	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	0	--	--	0	--	--
Misc. analgesics/combinations	6	4	0	0	--	--
Anticonvulsants	0	--	0	0	0	--
Muscle relaxants	6	5	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, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

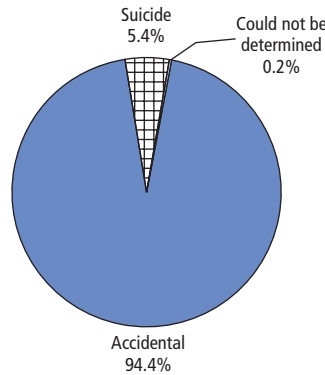
Chicago-Naperville-Joliet, IL-IN-WI: Cook County, IL



Cook County, IL: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	541
Drug-related suicide.....	31
Population	
	5,285,107
Deaths per 100,000 population	
Drug-related.....	10.2
Drug-related suicide.....	0.6

Deaths by manner of death, 2007



Place of death, 2007

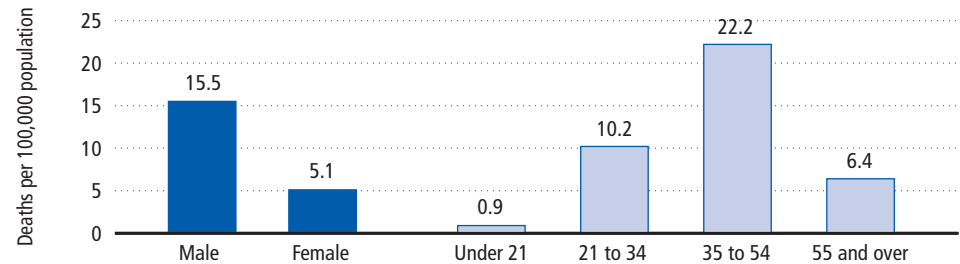
Drug-related		Deaths
Health care facility.....		241
Home.....		221
Public place.....		54
Other.....		10
Not documented.....		15
Drug-related suicide		Deaths
Health care facility.....		14
Home.....		13
Public place.....		--
Other.....		--
Not documented.....		0

Drug-related deaths by drug category, 2006-2007

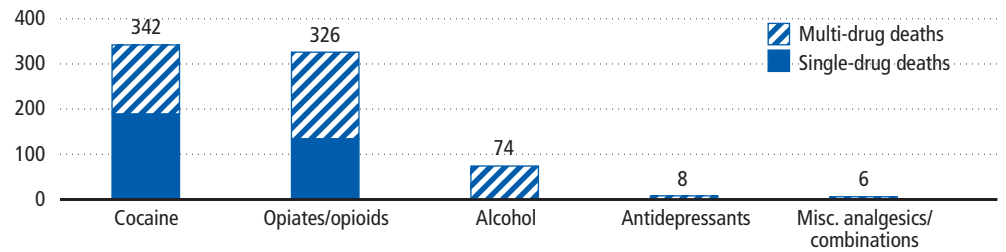
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	803	541	328	26	31	8
Alcohol*	132	74	0	--	--	0
Cocaine	486	342	189	--	--	0
Marijuana	0	0	0	0	0	0
Stimulants	--	0	0	0	0	0
Club drugs†	0	0	0	0	0	0
Hallucinogens**	--	--	0	0	0	0
Inhalants	--	--	0	0	--	0
Antidepressants	11	8	0	12	8	0
Antipsychotics	--	--	--	4	6	--
Benzodiazepines	9	6	--	4	4	0
Misc. anxiolytics, sedatives, and hypnotics	--	--	0	6	4	0
Opiates/opioids	567	326	134	9	10	0
Heroin (specified)	0	0	0	0	0	0
Methadone	38	36	18	--	--	0
All other opiates/opioids	538	300	116	7	9	0
Nonsteroidal anti-inflammatory agents	0	0	0	--	0	0
Salicylates/combinations	--	0	0	0	--	--
Misc. analgesics/combinations	--	6	--	4	12	--
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.

Death rates by gender and age: Drug-related, 2007



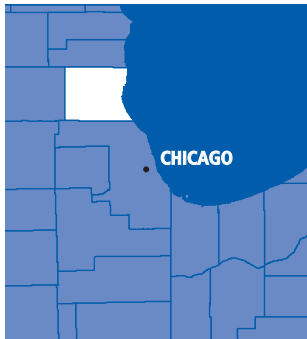
Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

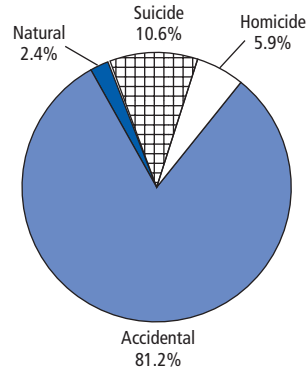
Chicago-Naperville-Joliet, IL-IN-WI: Lake County, IL



Lake County, IL: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	76
Drug-related suicide.....	9
Population	710,241
Deaths per 100,000 population	
Drug-related.....	10.7
Drug-related suicide.....	1.3

Deaths by manner of death, 2007



Place of death, 2007

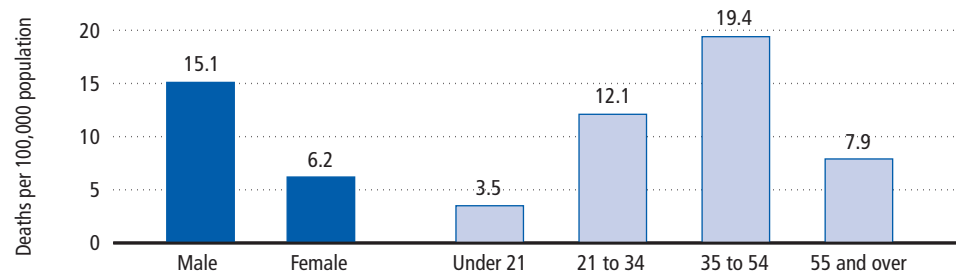
Drug-related		Deaths
Health care facility	.....	--
Home	.....	54
Public place	.....	10
Other	.....	6
Not documented	.....	5
Drug-related suicide		Deaths
Health care facility	.....	0
Home	.....	7
Public place	.....	--
Other	.....	0
Not documented	.....	0

Drug-related deaths by drug category, 2006-2007

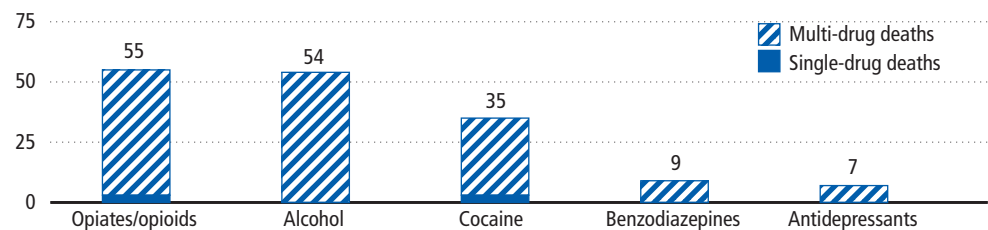
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	63	76	6	12	9	4
Alcohol*	43	54	0	6	7	--
Cocaine	37	35	--	--	0	0
Marijuana	15	6	0	0	0	0
Stimulants	0	--	0	0	0	0
Club drugs†	0	0	0	0	0	0
Hallucinogens**	0	0	0	0	0	0
Inhalants	0	0	0	0	0	0
Antidepressants	4	7	0	--	--	0
Antipsychotics	0	--	0	0	0	0
Benzodiazepines	13	9	0	7	--	0
Misc. anxiolytics, sedatives, and hypnotics	6	5	0	--	--	0
Opiates/opioids	42	55	--	6	4	0
Heroin (specified)	14	18	--	0	0	0
Methadone	5	15	--	0	--	0
All other opiates/opioids	28	33	0	6	--	0
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	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, 2007

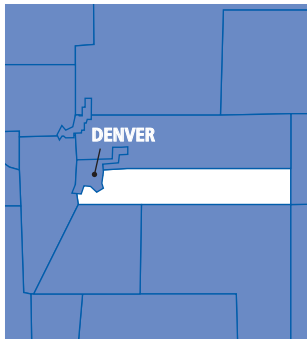


Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

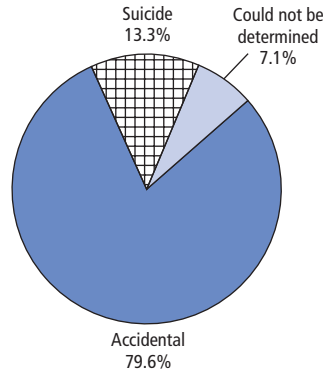
Denver-Aurora, CO: Arapahoe County, CO



Arapahoe County, CO: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	85
Drug-related suicide.....	13
Population.....	545,089
Deaths per 100,000 population	
Drug-related.....	15.6
Drug-related suicide.....	2.4

Deaths by manner of death, 2007



Place of death, 2007

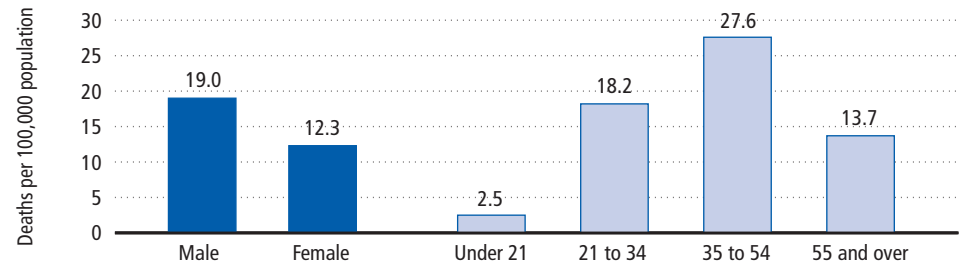
Drug-related		Deaths
Health care facility.....		16
Home.....		58
Public place.....		9
Other.....		--
Not documented.....		0
Drug-related suicide		Deaths
Health care facility.....		--
Home.....		9
Public place.....		--
Other.....		--
Not documented.....		0

Drug-related deaths by drug category, 2006-2007

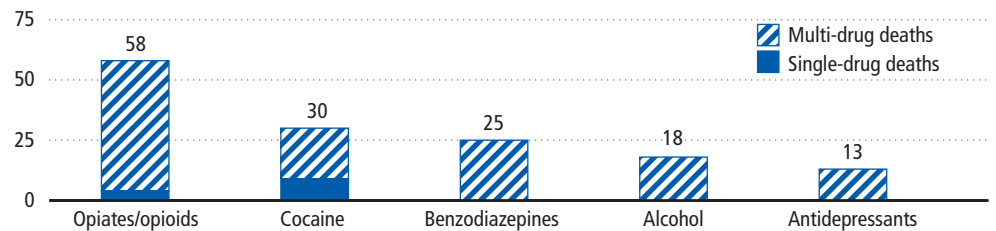
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	60	85	14	9	13	--
Alcohol*	17	18	0	4	7	--
Cocaine	24	30	9	0	--	--
Marijuana	0	0	0	0	0	--
Stimulants	5	--	0	0	0	--
Club drugs†	0	0	0	0	0	--
Hallucinogens**	0	0	0	0	0	--
Inhalants	0	0	0	0	0	--
Antidepressants	15	13	0	4	7	--
Antipsychotics	--	5	0	0	--	--
Benzodiazepines	15	25	0	4	4	--
Misc. anxiolytics, sedatives, and hypnotics	8	11	0	--	--	--
Opiates/opioids	40	58	4	--	4	--
Heroin (specified)	8	9	0	0	0	--
Methadone	4	10	--	--	--	--
All other opiates/opioids	35	54	--	--	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	0	0	0	0	0	--
Misc. analgesics/combinations	--	--	0	0	4	--
Anticonvulsants	4	5	0	0	0	--
Muscle relaxants	5	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.

Death rates by gender and age: Drug-related, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

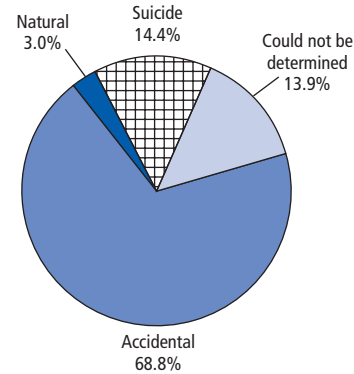
Denver-Aurora, CO: Denver County, CO



Denver County, CO: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	173
Drug-related suicide.....	29
Population.....	588,349
Deaths per 100,000 population	
Drug-related.....	29.4
Drug-related suicide.....	4.9

Deaths by manner of death, 2007



Place of death, 2007

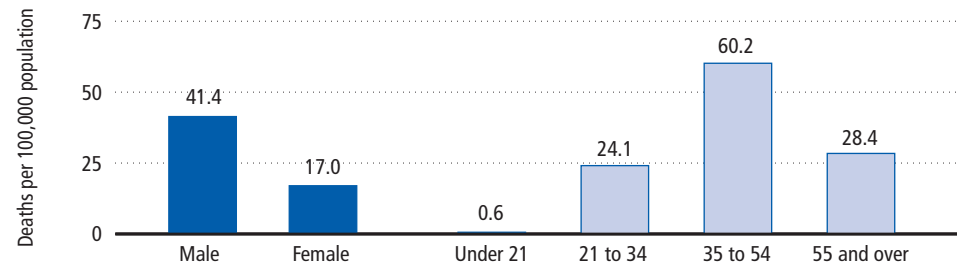
Drug-related		Deaths
Health care facility.....		50
Home.....		91
Public place.....		--
Other.....		31
Not documented.....		0
Drug-related suicide		Deaths
Health care facility.....		5
Home.....		18
Public place.....		0
Other.....		6
Not documented.....		0

Drug-related deaths by drug category, 2006-2007

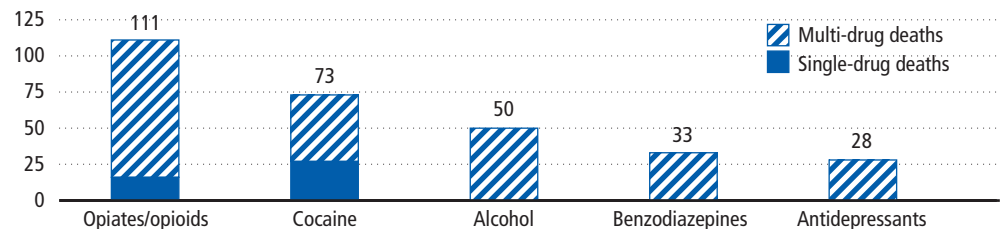
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	156	173	48	16	29	5
Alcohol*	76	50	0	7	11	0
Cocaine.....	84	73	27	--	5	--
Marijuana.....	8	6	0	--	--	0
Stimulants.....	11	14	0	--	--	0
Club drugs†	--	--	0	0	0	0
Hallucinogens**	0	0	0	0	0	0
Inhalants.....	0	--	--	--	0	0
Antidepressants	17	28	0	5	8	0
Antipsychotics.....	--	5	0	--	--	--
Benzodiazepines	18	33	0	--	6	--
Misc. anxiolytics, sedatives, and hypnotics	4	16	0	--	5	0
Opiates/opioids	107	111	16	6	13	--
Heroin (specified)	7	15	4	--	0	0
Methadone.....	16	15	--	0	0	0
All other opiates/opioids	89	91	10	5	13	--
Nonsteroidal anti-inflammatory agents	--	0	0	0	0	0
Salicylates/combinations	0	--	--	0	--	0
Misc. analgesics/combinations	8	10	--	--	6	0
Anticonvulsants.....	--	5	0	--	--	0
Muscle relaxants.....	--	8	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, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

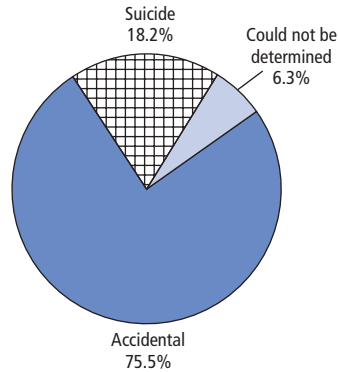
Detroit-Warren-Livonia, MI: Macomb County, MI



Macomb County, MI: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	130
Drug-related suicide.....	29
Population	831,077
Deaths per 100,000 population	
Drug-related.....	15.6
Drug-related suicide.....	3.5

Deaths by manner of death, 2007



Place of death, 2007

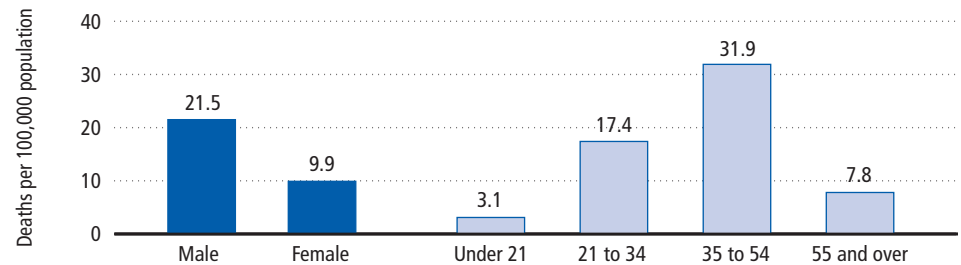
Drug-related		Deaths
Health care facility		32
Home		87
Public place		4
Other		7
Not documented		0
Drug-related suicide		Deaths
Health care facility		5
Home		21
Public place		--
Other		--
Not documented		0

Drug-related deaths by drug category, 2006-2007

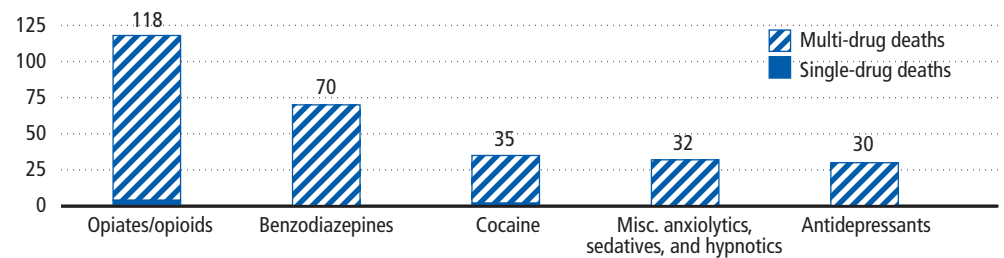
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	138	130	6	16	29	--
Alcohol*	38	30	0	9	9	--
Cocaine	43	35	--	--	--	--
Marijuana	16	16	0	--	--	--
Stimulants	--	--	0	0	--	--
Club drugs†	--	--	0	0	--	--
Hallucinogens**	0	0	0	0	0	--
Inhalants	7	7	0	--	--	--
Antidepressants	35	30	0	9	11	--
Antipsychotics	7	7	0	4	--	--
Benzodiazepines	69	70	0	8	15	--
Misc. anxiolytics, sedatives, and hypnotics	21	32	0	--	8	--
Opiates/opioids	122	118	4	7	13	--
Heroin (specified)	49	31	0	0	0	--
Methadone	21	31	--	0	--	--
All other opiates/opioids	111	100	--	7	13	--
Nonsteroidal anti-inflammatory agents	4	--	0	--	0	--
Salicylates/combinations	0	0	0	0	0	--
Misc. analgesics/combinations	34	28	0	7	9	--
Anticonvulsants	--	5	0	--	--	--
Muscle relaxants	9	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.

Death rates by gender and age: Drug-related, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

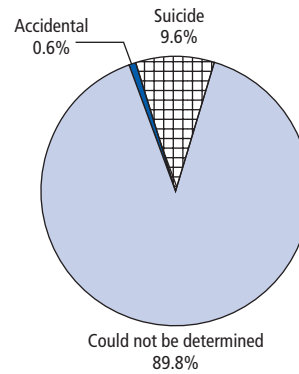
Detroit-Warren-Livonia, MI: Oakland County, MI



Oakland County, MI: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	150
Drug-related suicide.....	16
Population	1,206,089
Deaths per 100,000 population	
Drug-related.....	12.4
Drug-related suicide.....	1.3

Deaths by manner of death, 2007



Place of death, 2007

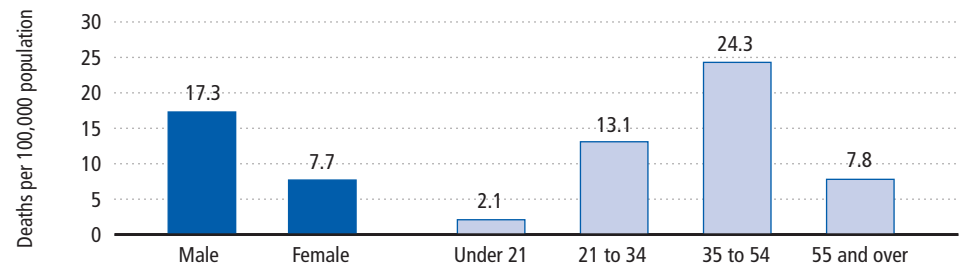
Drug-related		Deaths
Health care facility.....		46
Home.....		78
Public place.....		4
Other.....		22
Not documented.....		0
Drug-related suicide		Deaths
Health care facility.....		--
Home.....		11
Public place.....		--
Other.....		--
Not documented.....		0

Drug-related deaths by drug category, 2006-2007

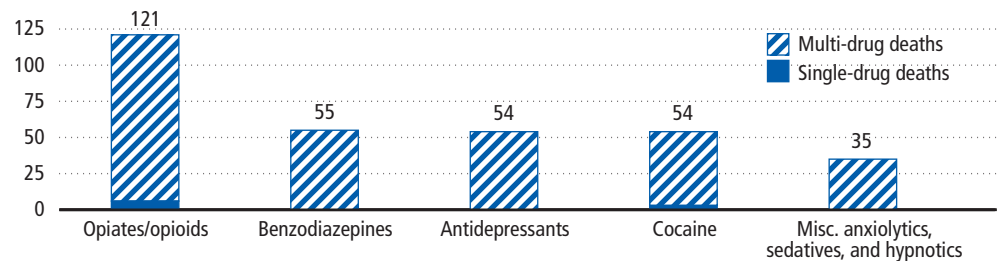
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	165	150	9	19	16	--
Alcohol*	43	32	0	5	--	--
Cocaine	73	54	--	0	0	--
Marijuana	30	17	0	0	--	--
Stimulants	5	4	0	0	--	--
Club drugs†	--	--	0	0	0	--
Hallucinogens**	0	--	0	0	0	--
Inhalants	--	0	0	--	0	--
Antidepressants	37	54	0	15	8	--
Antipsychotics	17	22	0	4	--	--
Benzodiazepines	53	55	0	7	9	--
Misc. anxiolytics, sedatives, and hypnotics	26	35	0	--	5	--
Opiates/opioids	139	121	6	8	8	--
Heroin (specified)	6	11	0	0	0	--
Methadone	31	29	--	--	0	--
All other opiates/opioids	130	106	4	7	8	--
Nonsteroidal anti-inflammatory agents	--	0	0	--	0	--
Salicylates/combinations	0	0	0	--	--	--
Misc. analgesics/combinations	10	20	0	--	6	--
Anticonvulsants	6	15	0	4	--	--
Muscle relaxants	18	11	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.

Death rates by gender and age: Drug-related, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

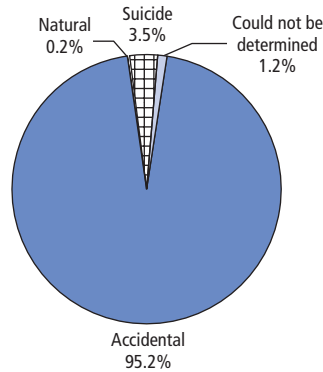
Detroit-Warren-Livonia, MI: Wayne County, MI



Wayne County, MI: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	418
Drug-related suicide.....	15
Population.....1,985,101	
Deaths per 100,000 population	
Drug-related.....	21.1
Drug-related suicide.....	0.8

Deaths by manner of death, 2007



Place of death, 2007

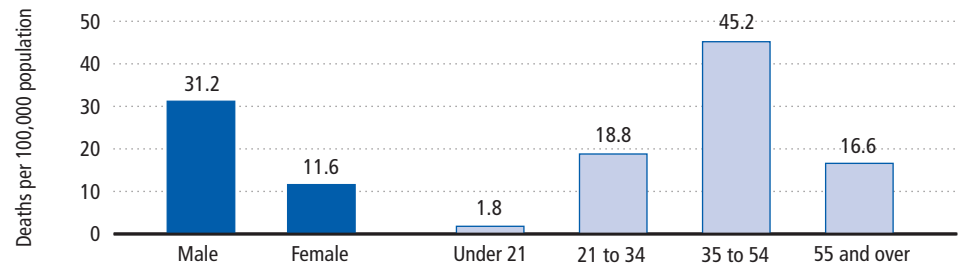
Drug-related		Deaths
Health care facility.....		174
Home.....		215
Public place.....		0
Other.....		29
Not documented.....		0
Drug-related suicide		Deaths
Health care facility.....		--
Home.....		12
Public place.....		0
Other.....		0
Not documented.....		0

Drug-related deaths by drug category, 2006-2007

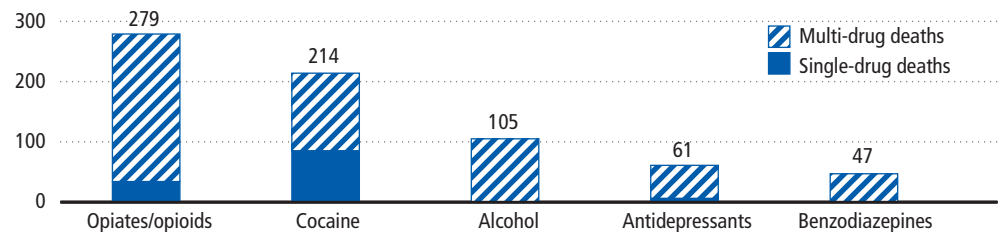
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	539	418	130	22	15	7
Alcohol*	122	105	0	5	6	0
Cocaine	273	214	85	0	0	0
Marijuana	0	0	0	0	0	0
Stimulants	--	--	0	--	0	0
Club drugs†	--	--	0	0	0	0
Hallucinogens**	0	0	0	0	0	0
Inhalants	0	0	0	0	0	0
Antidepressants	35	61	6	8	5	--
Antipsychotics	12	30	--	--	4	--
Benzodiazepines	46	47	0	4	--	0
Misc. anxiolytics, sedatives, and hypnotics	29	36	0	--	0	0
Opiates/opioids	416	279	34	11	--	--
Heroin (specified)	91	109	0	0	0	0
Methadone	56	49	10	--	0	0
All other opiates/opioids	384	242	24	9	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	0	0	0	--	0
Misc. analgesics/combinations	12	9	--	4	0	0
Anticonvulsants	--	4	--	0	0	0
Muscle relaxants	11	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.

Death rates by gender and age: Drug-related, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

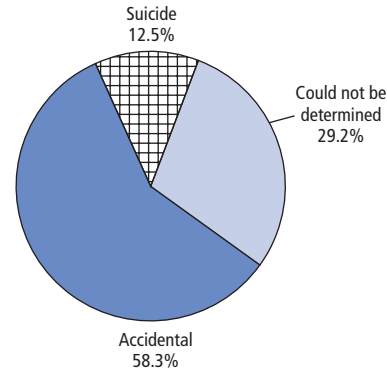
Indianapolis-Carmel, IN: Marion County, IN



Marion County, IN: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	105
Drug-related suicide.....	15
Population	876,804
Deaths per 100,000 population	
Drug-related.....	12.0
Drug-related suicide.....	1.7

Deaths by manner of death, 2007



Place of death, 2007

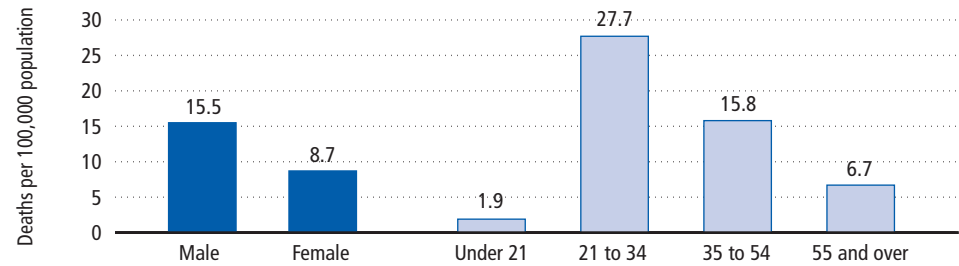
Drug-related	Deaths
Health care facility.....	32
Home.....	55
Public place.....	--
Other.....	17
Not documented.....	0
Drug-related suicide	
Health care facility.....	7
Home.....	7
Public place.....	0
Other.....	--
Not documented.....	0

Drug-related deaths by drug category, 2006-2007

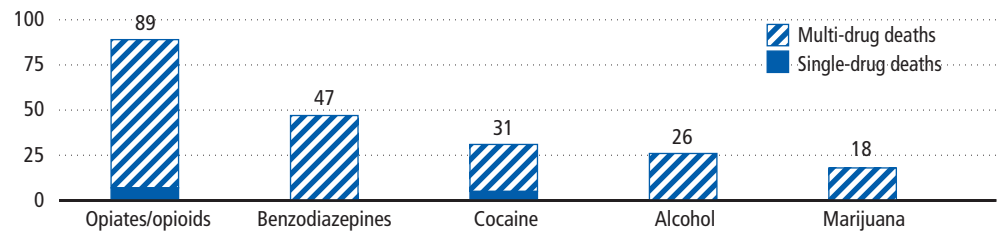
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	102	105	13	7	15	--
Alcohol*	24	26	0	--	4	--
Cocaine	33	31	5	0	--	--
Marijuana	11	18	0	--	0	--
Stimulants	--	--	0	0	0	--
Club drugs†	0	0	0	0	0	--
Hallucinogens**	--	--	0	0	0	--
Inhalants	0	--	0	0	0	--
Antidepressants	7	15	0	--	--	--
Antipsychotics	--	0	0	0	--	--
Benzodiazepines	43	47	0	--	5	--
Misc. anxiolytics, sedatives, and hypnotics	5	--	0	--	--	--
Opiates/opioids	79	89	7	4	8	--
Heroin (specified)	10	8	0	0	0	--
Methadone	23	26	--	0	0	--
All other opiates/opioids	66	76	5	4	8	--
Nonsteroidal anti-inflammatory agents	0	--	0	0	--	--
Salicylates/combinations	--	--	0	0	--	--
Misc. analgesics/combinations	8	6	--	--	--	--
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.

Death rates by gender and age: Drug-related, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

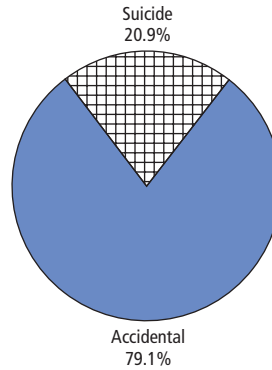
Kansas City, MO-KS: Jackson County, MO



Jackson County, MO: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	72
Drug-related suicide.....	19
Population	666,890
Deaths per 100,000 population	
Drug-related.....	10.8
Drug-related suicide.....	2.8

Deaths by manner of death, 2007



Place of death, 2007

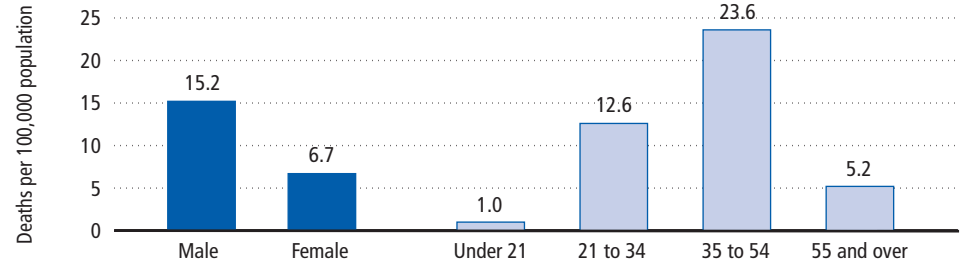
Drug-related	Deaths
Health care facility	19
Home	44
Public place	0
Other	9
Not documented	0
Drug-related suicide	
Health care facility	4
Home	12
Public place	0
Other	--
Not documented	0

Drug-related deaths by drug category, 2006-2007

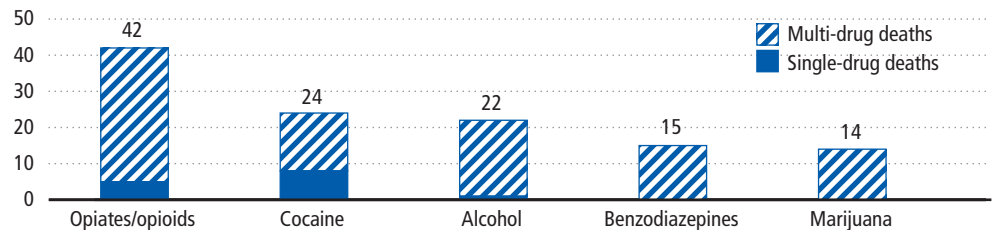
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	68	72	16	17	19	4
Alcohol*	19	22	--	6	5	0
Cocaine	35	24	8	--	--	0
Marijuana	16	14	0	--	--	0
Stimulants	--	5	--	--	--	--
Club drugs†	0	0	0	0	0	0
Hallucinogens**	--	--	0	0	0	0
Inhalants	0	0	0	0	0	0
Antidepressants	14	12	0	5	--	--
Antipsychotics	0	0	0	--	--	0
Benzodiazepines	19	15	0	4	7	0
Misc. anxiolytics, sedatives, and hypnotics	8	--	0	--	--	0
Opiates/opioids	32	42	5	6	8	--
Heroin (specified)	0	0	0	0	0	0
Methadone	8	14	4	--	--	0
All other opiates/opioids	26	29	--	4	7	--
Nonsteroidal anti-inflammatory agents	--	0	0	0	--	0
Salicylates/combinations	0	0	0	0	0	0
Misc. analgesics/combinations	5	--	0	--	--	0
Anticonvulsants	--	--	0	--	--	0
Muscle relaxants	--	5	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, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

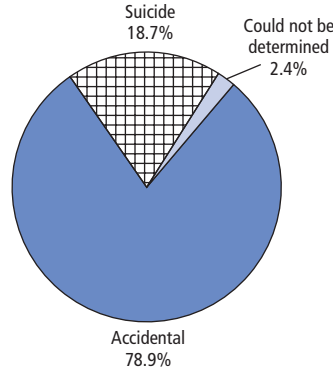
Louisville-Jefferson County, KY-IN: Jefferson County, KY



Jefferson County, KY: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	100
Drug-related suicide.....	23
Population	709,264
Deaths per 100,000 population	
Drug-related.....	14.1
Drug-related suicide.....	3.2

Deaths by manner of death, 2007



Place of death, 2007

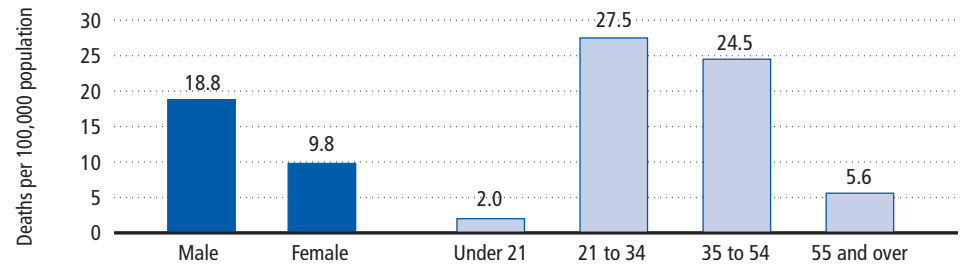
Drug-related		Deaths
Health care facility		26
Home		58
Public place		7
Other		9
Not documented		0
Drug-related suicide		Deaths
Health care facility		--
Home		18
Public place		--
Other		--
Not documented		0

Drug-related deaths by drug category, 2006-2007

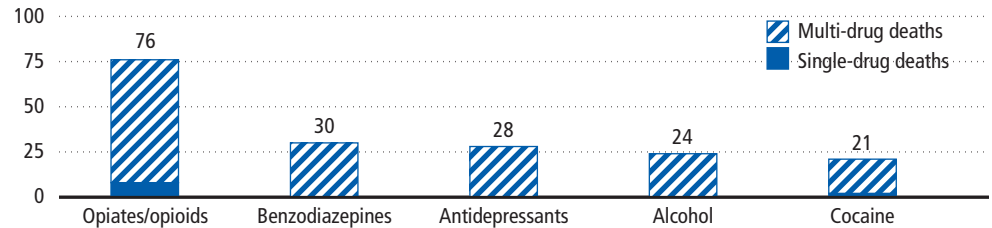
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	71	100	13	7	23	--
Alcohol*	24	24	0	--	7	--
Cocaine	18	21	--	0	--	--
Marijuana	0	--	0	0	0	--
Stimulants	--	--	0	0	0	--
Club drugs†	0	0	0	0	0	--
Hallucinogens**	0	0	0	0	0	--
Inhalants	--	--	0	0	0	--
Antidepressants	18	28	0	4	9	--
Antipsychotics	4	--	0	0	--	--
Benzodiazepines	18	30	0	--	5	--
Misc. anxiolytics, sedatives, and hypnotics	12	20	0	--	5	--
Opiates/opioids	58	76	8	4	16	--
Heroin (specified)	0	0	0	0	0	--
Methadone	28	37	4	0	--	--
All other opiates/opioids	38	49	4	4	15	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	0	0	0	--	0	--
Misc. analgesics/combinations	12	11	0	--	6	--
Anticonvulsants	0	--	0	0	0	--
Muscle relaxants	--	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, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

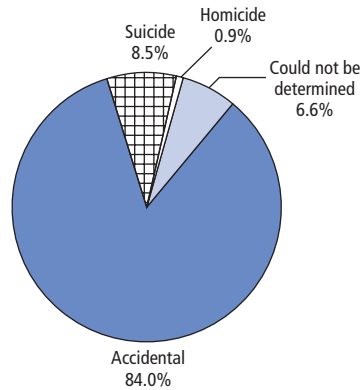
Minneapolis-St. Paul-Bloomington, MN-WI: Hennepin County, MN



Hennepin County, MN: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	97
Drug-related suicide.....	9
Population	1,136,599
Deaths per 100,000 population	
Drug-related.....	8.5
Drug-related suicide.....	0.8

Deaths by manner of death, 2007



Place of death, 2007

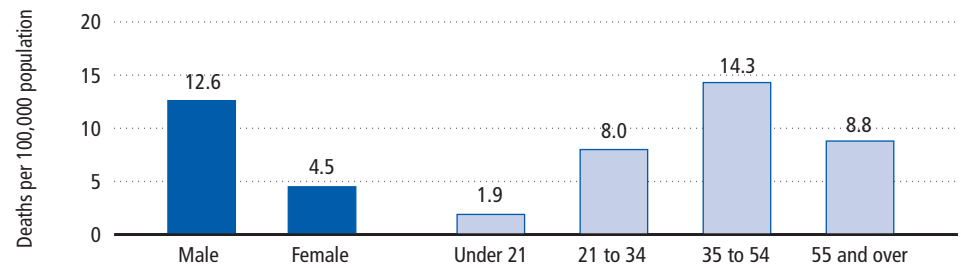
Drug-related		Deaths
Health care facility	.....	17
Home	.....	58
Public place	.....	--
Other	.....	19
Not documented	.....	0
Drug-related suicide		Deaths
Health care facility	.....	--
Home	.....	6
Public place	.....	0
Other	.....	--
Not documented	.....	0

Drug-related deaths by drug category, 2006-2007

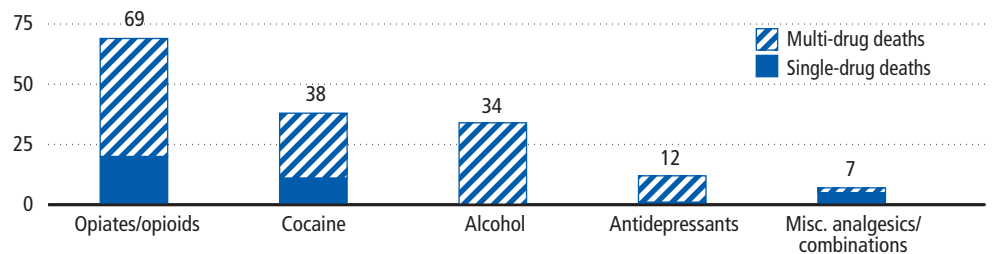
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	95	97	38	27	9	4
Alcohol*	29	34	0	8	--	0
Cocaine	32	38	11	--	0	0
Marijuana	0	0	0	0	0	0
Stimulants	--	--	--	--	0	0
Club drugs†	--	0	0	0	0	0
Hallucinogens**	0	0	0	0	0	0
Inhalants	0	0	0	0	0	0
Antidepressants	9	12	--	8	4	--
Antipsychotics	0	--	0	5	--	--
Benzodiazepines	13	5	0	4	0	0
Misc. anxiolytics, sedatives, and hypnotics	--	--	0	--	--	0
Opiates/opioids	66	69	20	9	4	--
Heroin (specified)	11	--	0	0	0	0
Methadone	20	22	12	--	0	0
All other opiates/opioids	50	49	8	8	4	--
Nonsteroidal anti-inflammatory agents	--	0	0	0	0	0
Salicylates/combinations	--	0	0	--	0	0
Misc. analgesics/combinations	5	7	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, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

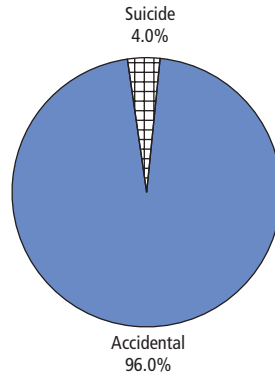
New Orleans-Metairie-Kenner, LA: Jefferson Parish, LA



Jefferson Parish, LA: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	120
Drug-related suicide.....	5
Population	423,520
Deaths per 100,000 population	
Drug-related.....	28.3
Drug-related suicide.....	1.2

Deaths by manner of death, 2007



Place of death, 2007

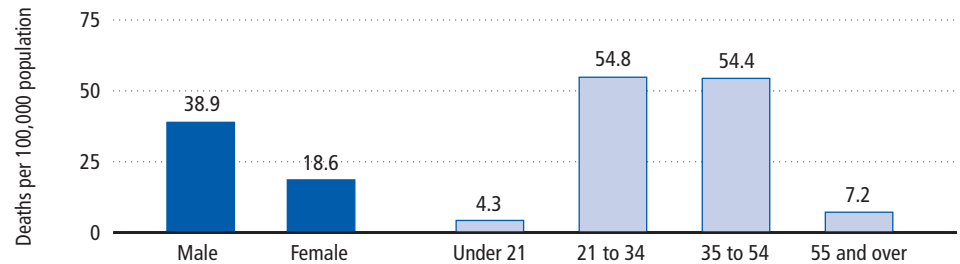
Drug-related	Deaths
Health care facility	11
Home	73
Public place	--
Other	34
Not documented	0
Drug-related suicide	
Health care facility	--
Home	--
Public place	--
Other	--
Not documented	0

Drug-related deaths by drug category, 2006-2007

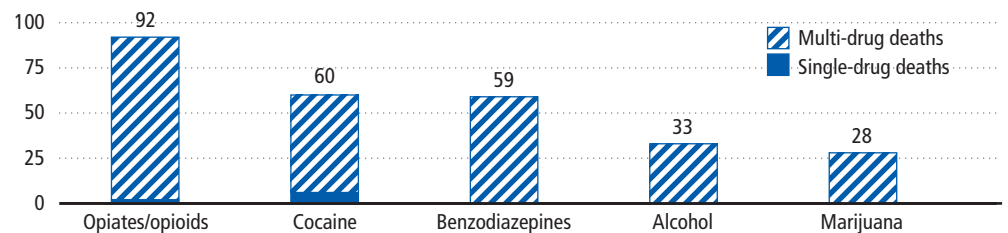
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	130	120	8	--	5	--
Alcohol*	33	33	0	--	--	--
Cocaine	67	60	6	--	0	--
Marijuana	22	28	0	--	--	--
Stimulants	9	5	0	--	0	--
Club drugs†	5	0	0	--	0	--
Hallucinogens**	0	0	0	--	0	--
Inhalants	0	--	0	--	0	--
Antidepressants	11	11	0	--	4	--
Antipsychotics	--	--	0	--	--	--
Benzodiazepines	59	59	0	--	--	--
Misc. anxiolytics, sedatives, and hypnotics	27	15	0	--	0	--
Opiates/opioids	96	92	--	--	--	--
Heroin (specified)	6	10	0	--	0	--
Methadone	42	46	--	--	0	--
All other opiates/opioids	74	65	0	--	--	--
Nonsteroidal anti-inflammatory agents	--	0	0	--	0	--
Salicylates/combinations	0	0	0	--	0	--
Misc. analgesics/combinations	16	20	0	--	--	--
Anticonvulsants	--	--	0	--	0	--
Muscle relaxants	37	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.

Death rates by gender and age: Drug-related, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

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



**Bronx County, NY:
Deaths and population, 2007**

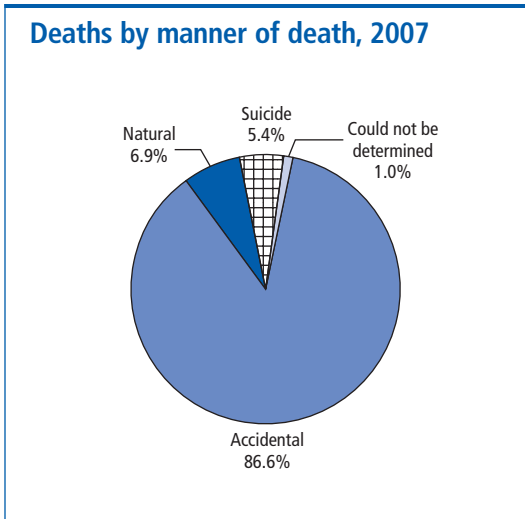
Deaths reported to DAWN

Drug-related.....	191
Drug-related suicide.....	11

Population.....1,373,659

Deaths per 100,000 population

Drug-related.....	13.9
Drug-related suicide.....	0.8



Place of death, 2007

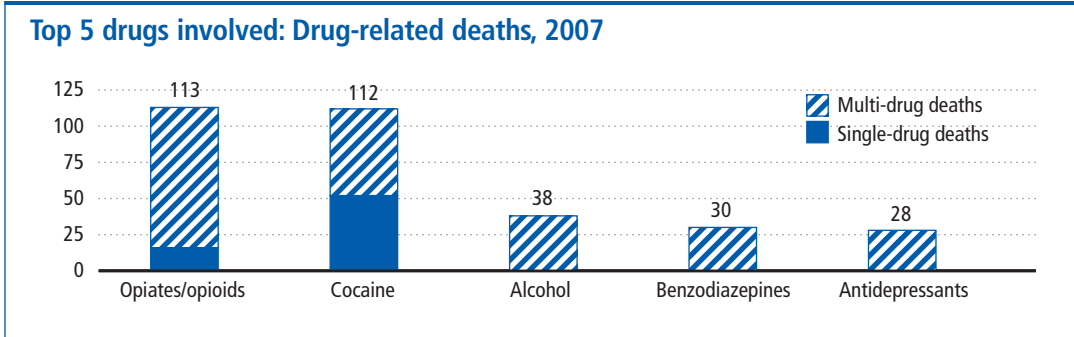
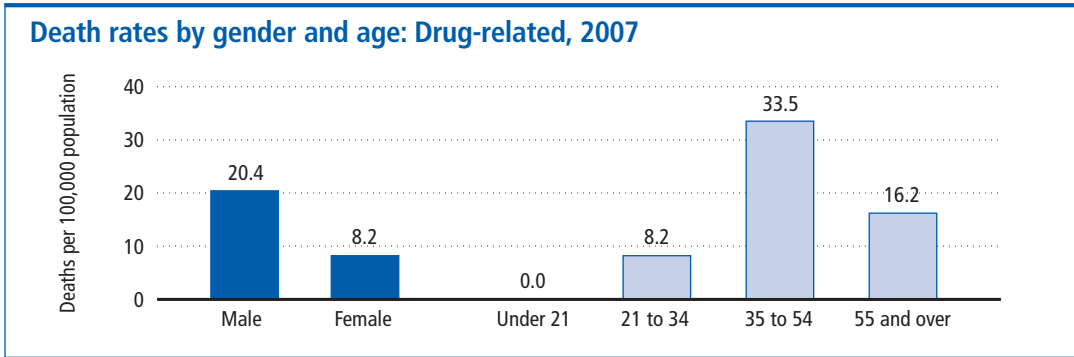
Drug-related	Deaths
Health care facility	60
Home	110
Public place	5
Other	16
Not documented	0

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

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	220	191	75	11	11	6
Alcohol*	59	38	0	--	--	0
Cocaine	126	112	52	--	4	--
Marijuana	4	--	0	0	0	0
Stimulants	0	--	0	0	0	0
Club drugs†	--	--	0	0	0	0
Hallucinogens**	6	--	--	0	0	0
Inhalants	0	--	--	0	0	0
Antidepressants	41	28	0	6	--	--
Antipsychotics	23	11	0	4	--	0
Benzodiazepines	35	30	0	4	0	0
Misc. anxiolytics, sedatives, and hypnotics	28	13	0	5	--	--
Opiates/opioids	150	113	16	5	--	0
Heroin (specified)	15	18	5	0	--	0
Methadone	71	54	--	--	0	0
All other opiates/opioids	109	63	9	4	--	0
Nonsteroidal anti-inflammatory agents	0	0	0	--	0	0
Salicylates/combinations	--	0	0	0	0	0
Misc. analgesics/combinations	12	6	0	--	0	0
Anticonvulsants	4	--	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.



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, 2007 (08/2008 update).

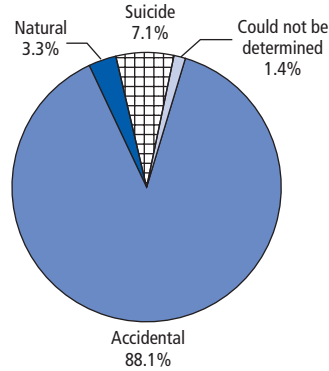
New York-Northern New Jersey-Long Island, NY-NJ-PA: Kings County, NY



Kings County, NY: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	195
Drug-related suicide.....	15
Population	2,528,050
Deaths per 100,000 population	
Drug-related.....	7.7
Drug-related suicide.....	0.6

Deaths by manner of death, 2007



Place of death, 2007

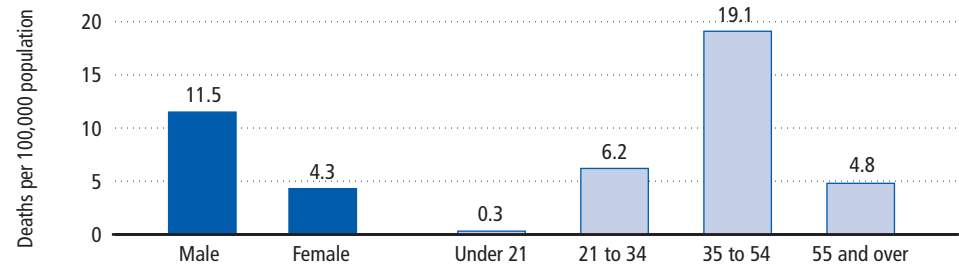
Drug-related		Deaths
Health care facility		60
Home		112
Public place		7
Other		16
Not documented		0
Drug-related suicide		Deaths
Health care facility		--
Home		9
Public place		--
Other		--
Not documented		0

Drug-related deaths by drug category, 2006-2007

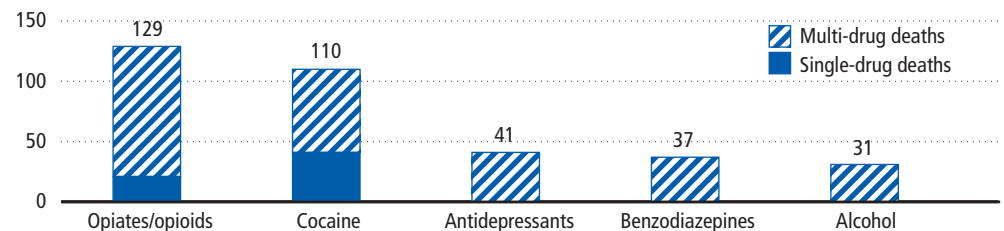
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	192	195	62	10	15	--
Alcohol*	41	31	0	--	--	--
Cocaine	100	110	41	--	0	--
Marijuana	9	--	0	0	0	--
Stimulants	--	--	0	0	0	--
Club drugs†	--	0	0	0	0	--
Hallucinogens**	--	--	0	0	0	--
Inhalants	0	0	0	0	0	--
Antidepressants	40	41	0	6	5	--
Antipsychotics	17	16	0	4	--	--
Benzodiazepines	47	37	0	--	6	--
Misc. anxiolytics, sedatives, and hypnotics	29	23	0	--	6	--
Opiates/opioids	136	129	21	--	9	--
Heroin (specified)	0	15	6	0	0	--
Methadone	55	57	4	0	--	--
All other opiates/opioids	107	81	11	--	7	--
Nonsteroidal anti-inflammatory agents	--	0	0	0	0	--
Salicylates/combinations	0	--	0	0	0	--
Misc. analgesics/combinations	18	14	0	--	--	--
Anticonvulsants	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, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

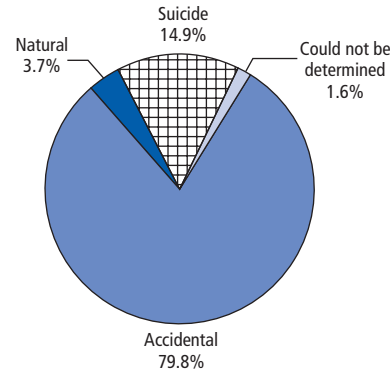
New York-Northern New Jersey-Long Island, NY-NJ-PA: New York County, NY



New York County, NY: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	160
Drug-related suicide.....	28
Population	1,620,867
Deaths per 100,000 population	
Drug-related.....	9.9
Drug-related suicide.....	1.7

Deaths by manner of death, 2007



Place of death, 2007

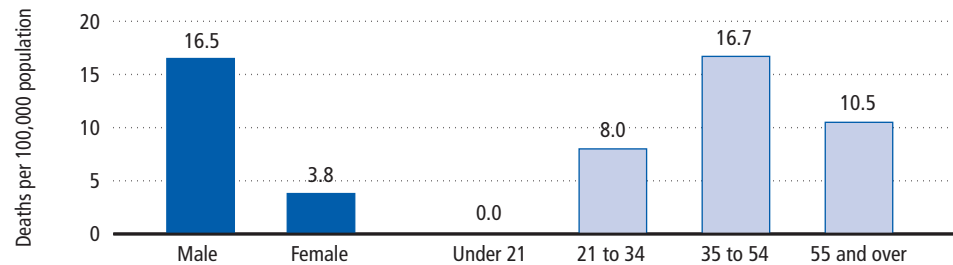
Drug-related		Deaths
Health care facility	.....	64
Home	.....	75
Public place	.....	13
Other	.....	8
Not documented	.....	0
Drug-related suicide		Deaths
Health care facility	.....	4
Home	.....	23
Public place	.....	0
Other	.....	--
Not documented	.....	0

Drug-related deaths by drug category, 2006-2007

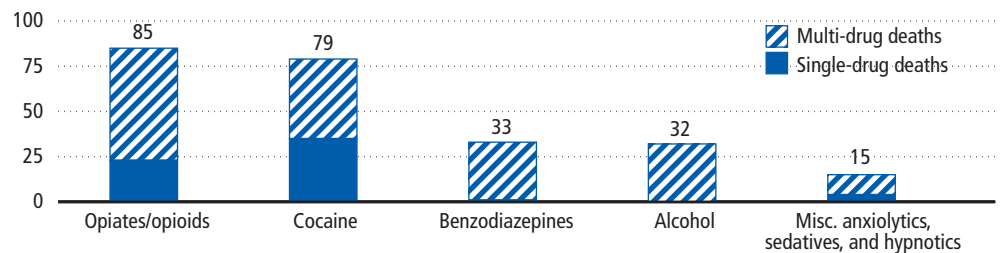
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	218	160	70	11	28	12
Alcohol*	58	32	0	5	--	0
Cocaine	112	79	35	--	0	0
Marijuana	7	--	0	0	0	0
Stimulants	5	6	--	0	0	0
Club drugs†	4	--	--	0	0	0
Hallucinogens**	--	--	--	0	0	0
Inhalants	0	0	0	0	4	--
Antidepressants	42	12	0	6	8	--
Antipsychotics	17	6	0	--	--	--
Benzodiazepines	55	33	--	4	8	0
Misc. anxiolytics, sedatives, and hypnotics	36	15	4	--	12	--
Opiates/opioids	151	85	23	7	7	0
Heroin (specified)	19	33	10	--	0	0
Methadone	69	33	6	0	0	0
All other opiates/opioids	101	35	7	7	7	0
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	--	--	0	0	0	0
Misc. analgesics/combinations	30	4	--	4	5	--
Anticonvulsants	0	--	--	0	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, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

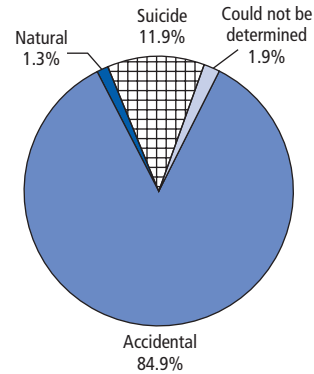
New York-Northern New Jersey-Long Island, NY-NJ-PA: Queens County, NY



Queens County, NY: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	140
Drug-related suicide.....	19
Population	2,270,338
Deaths per 100,000 population	
Drug-related.....	6.2
Drug-related suicide.....	0.8

Deaths by manner of death, 2007



Place of death, 2007

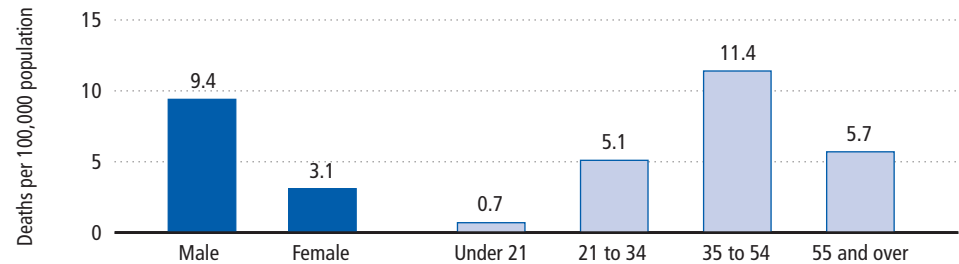
Drug-related		Deaths
Health care facility		39
Home		80
Public place		7
Other		14
Not documented		0
Drug-related suicide		Deaths
Health care facility		6
Home		11
Public place		--
Other		--
Not documented		0

Drug-related deaths by drug category, 2006-2007

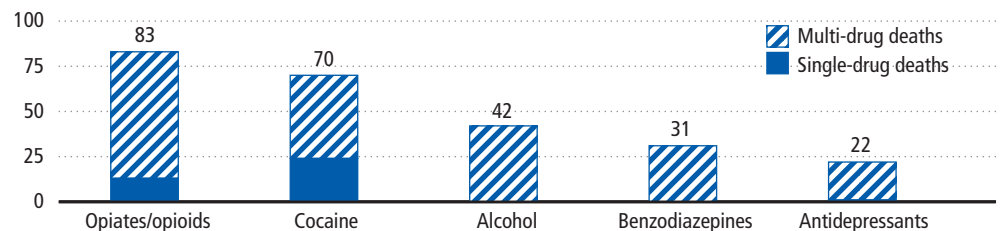
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	128	140	45	8	19	5
Alcohol*	31	42	0	--	--	0
Cocaine	51	70	24	0	--	0
Marijuana	7	--	--	--	0	0
Stimulants	--	--	0	0	--	--
Club drugs†	0	--	0	0	0	0
Hallucinogens**	0	--	--	0	--	0
Inhalants	0	--	--	--	0	0
Antidepressants	25	22	--	--	7	--
Antipsychotics	17	11	0	--	--	0
Benzodiazepines	45	31	0	--	6	0
Misc. anxiolytics, sedatives, and hypnotics	31	18	0	--	8	--
Opiates/opioids	91	83	13	--	5	0
Heroin (specified)	7	27	9	0	0	0
Methadone	40	27	--	--	0	0
All other opiates/opioids	59	43	--	--	5	0
Nonsteroidal anti-inflammatory agents	--	0	0	0	0	0
Salicylates/combinations	--	--	--	0	--	0
Misc. analgesics/combinations	16	7	0	4	4	--
Anticonvulsants	--	4	0	--	0	0
Muscle relaxants	5	--	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, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

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



Suffolk County, NY: Deaths and population, 2007

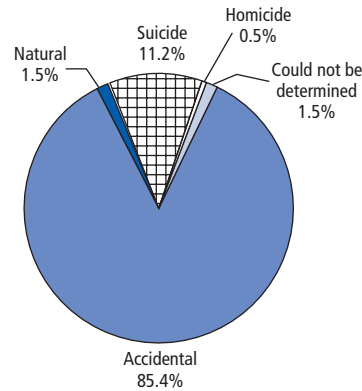
Deaths reported to DAWN	
Drug-related.....	183
Drug-related suicide.....	23
Population	1,453,229
Deaths per 100,000 population	
Drug-related.....	12.6
Drug-related suicide.....	1.6

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	169	183	56	15	23	9
Alcohol*	43	39	0	--	--	0
Cocaine	84	67	19	--	--	0
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	0
Antidepressants	11	13	0	--	--	--
Antipsychotics	0	--	0	0	--	--
Benzodiazepines	32	42	--	4	6	0
Misc. anxiolytics, sedatives, and hypnotics	10	12	0	6	8	--
Opiates/opioids	126	145	35	7	13	--
Heroin (specified)	41	35	13	0	0	0
Methadone	28	38	13	--	0	0
All other opiates/opioids	70	91	9	5	13	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	0	0	0	0	0
Misc. analgesics/combinations	8	12	0	4	5	0
Anticonvulsants	0	--	0	--	0	0
Muscle relaxants	13	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.

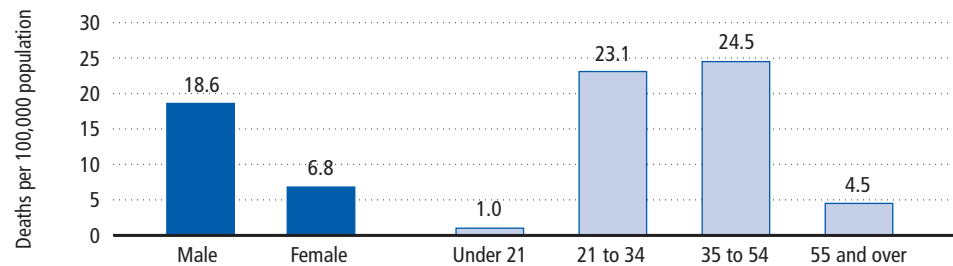
Deaths by manner of death, 2007



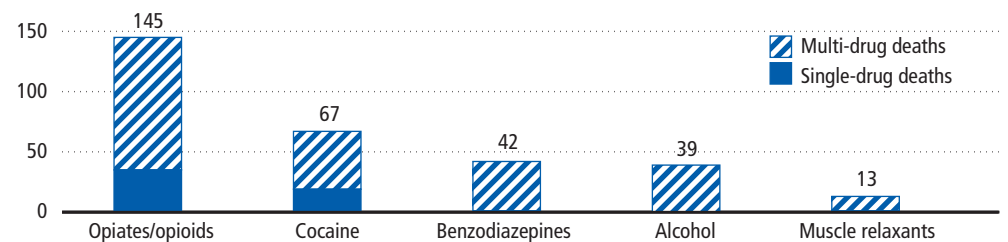
Place of death, 2007

Drug-related		Deaths
Health care facility	39	
Home	119	
Public place	8	
Other	17	
Not documented	0	
Drug-related suicide		Deaths
Health care facility	0	
Home	20	
Public place	--	
Other	--	
Not documented	0	

Death rates by gender and age: Drug-related, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

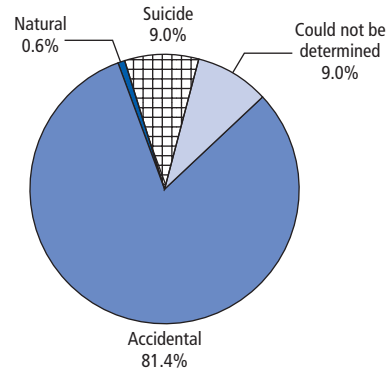
Oklahoma City, OK: Oklahoma County, OK



Oklahoma County, OK: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	142
Drug-related suicide.....	14
Population	701,807
Deaths per 100,000 population	
Drug-related.....	20.2
Drug-related suicide.....	2.0

Deaths by manner of death, 2007



Place of death, 2007

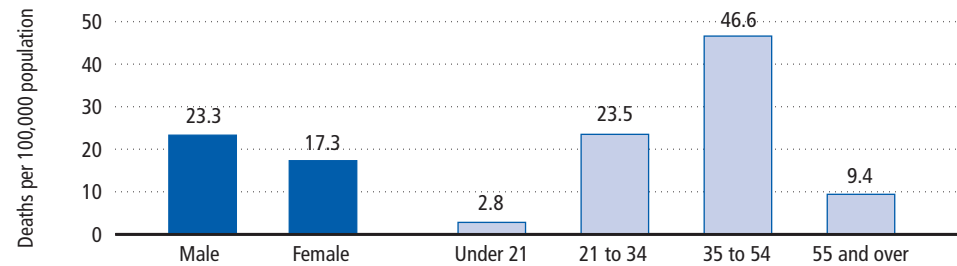
Drug-related		Deaths
Health care facility	.....	44
Home	.....	88
Public place	.....	5
Other	.....	5
Not documented	.....	0
Drug-related suicide		Deaths
Health care facility	.....	5
Home	.....	8
Public place	.....	--
Other	.....	0
Not documented	.....	0

Drug-related deaths by drug category, 2006-2007

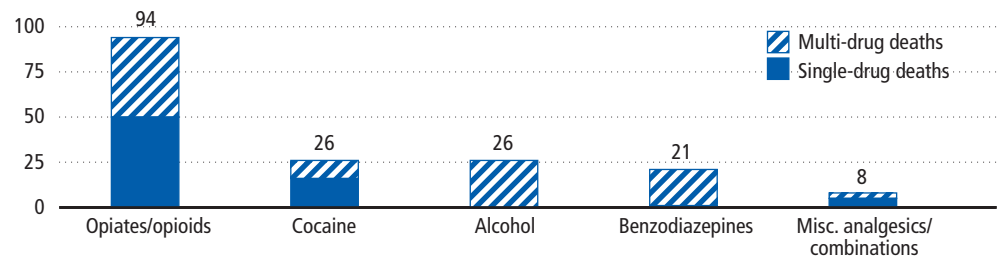
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	66	142	85	11	14	8
Alcohol*	16	26	0	--	--	0
Cocaine	9	26	16	0	0	0
Marijuana	0	0	0	0	0	0
Stimulants	4	4	--	0	0	0
Club drugs†	0	--	--	0	0	0
Hallucinogens**	0	--	--	0	0	0
Inhalants	0	--	--	0	--	--
Antidepressants	6	--	--	--	--	0
Antipsychotics	4	--	--	--	--	0
Benzodiazepines	8	21	--	--	5	--
Misc. anxiolytics, sedatives, and hypnotics	--	--	--	--	--	0
Opiates/opioids	43	94	50	--	4	0
Heroin (specified)	--	0	0	0	0	0
Methadone	13	31	19	0	--	0
All other opiates/opioids	29	67	31	--	--	0
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	0	0	--	--	--
Misc. analgesics/combinations	--	8	5	--	--	--
Anticonvulsants	--	--	0	0	0	0
Muscle relaxants	7	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, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

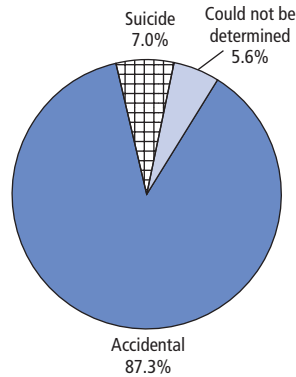
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD: Bucks County, PA



Bucks County, PA: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	66
Drug-related suicide.....	5
Population	621,144
Deaths per 100,000 population	
Drug-related.....	10.6
Drug-related suicide.....	0.8

Deaths by manner of death, 2007



Place of death, 2007

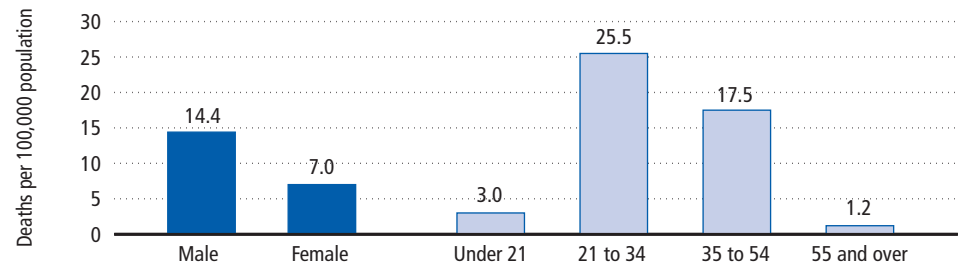
Drug-related		Deaths
Health care facility	.....	5
Home	.....	47
Public place	.....	0
Other	.....	14
Not documented	.....	0
Drug-related suicide		Deaths
Health care facility	.....	0
Home	.....	5
Public place	.....	0
Other	.....	0
Not documented	.....	0

Drug-related deaths by drug category, 2006-2007

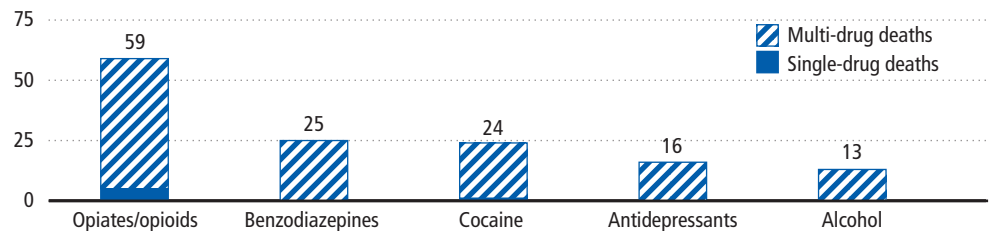
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	67	66	6	6	5	0
Alcohol*	14	13	0	4	--	--
Cocaine	29	24	--	0	--	--
Marijuana	0	0	0	0	0	0
Stimulants	0	--	0	--	0	0
Club drugs†	0	0	0	0	0	0
Hallucinogens**	0	0	0	0	0	0
Inhalants	0	0	0	0	0	0
Antidepressants	12	16	0	6	4	--
Antipsychotics	0	--	0	--	--	--
Benzodiazepines	23	25	0	--	--	--
Misc. anxiolytics, sedatives, and hypnotics	5	12	0	--	0	--
Opiates/opioids	55	59	5	0	--	--
Heroin (specified)	21	17	--	0	0	--
Methadone	14	15	0	0	--	--
All other opiates/opioids	35	35	--	0	--	--
Nonsteroidal anti-inflammatory agents	--	--	0	0	--	--
Salicylates/combinations	0	--	0	0	0	0
Misc. analgesics/combinations	--	--	0	0	--	--
Anticonvulsants	--	4	0	--	--	--
Muscle relaxants	5	5	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, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

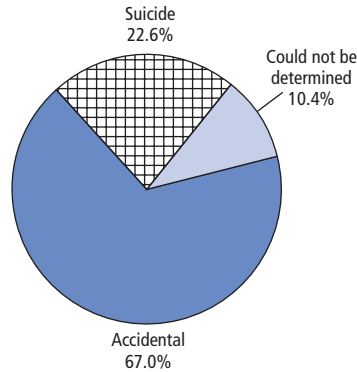
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD: Delaware County, PA



Delaware County, PA: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	82
Drug-related suicide.....	24
Population	554,399
Deaths per 100,000 population	
Drug-related.....	14.8
Drug-related suicide.....	4.3

Deaths by manner of death, 2007



Place of death, 2007

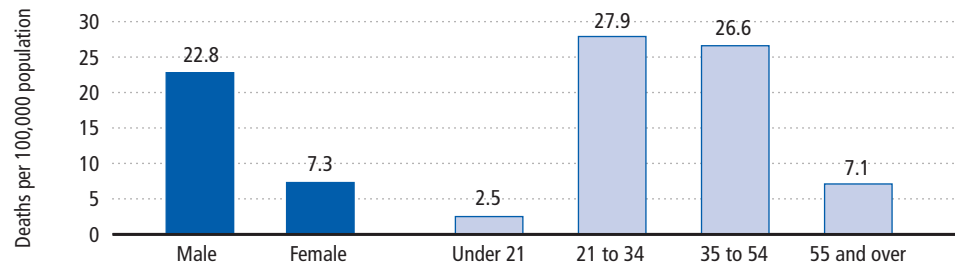
Drug-related	Deaths
Health care facility	17
Home	47
Public place	5
Other	13
Not documented	0
Drug-related suicide	
Health care facility	4
Home	17
Public place	0
Other	--
Not documented	0

Drug-related deaths by drug category, 2006-2007

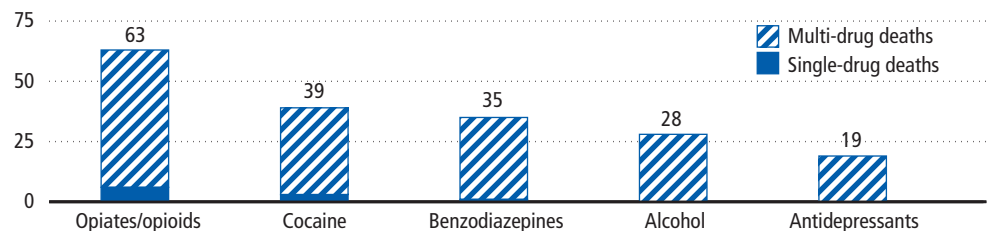
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	136	82	12	12	24	--
Alcohol*	42	28	0	8	14	--
Cocaine	69	39	--	--	--	--
Marijuana	9	--	0	0	0	--
Stimulants	4	--	--	0	0	--
Club drugs†	0	--	0	0	0	--
Hallucinogens**	6	4	0	0	0	--
Inhalants	--	0	0	--	--	--
Antidepressants	25	19	0	5	10	--
Antipsychotics	--	--	0	--	--	--
Benzodiazepines	47	35	--	0	11	--
Misc. anxiolytics, sedatives, and hypnotics	13	5	0	--	4	--
Opiates/opioids	101	63	6	6	10	--
Heroin (specified)	34	13	--	0	0	--
Methadone	15	22	--	0	--	--
All other opiates/opioids	80	38	--	6	10	--
Nonsteroidal anti-inflammatory agents	0	--	0	0	--	--
Salicylates/combinations	0	0	0	0	0	--
Misc. analgesics/combinations	8	6	0	--	9	--
Anticonvulsants	--	--	0	0	5	--
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, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

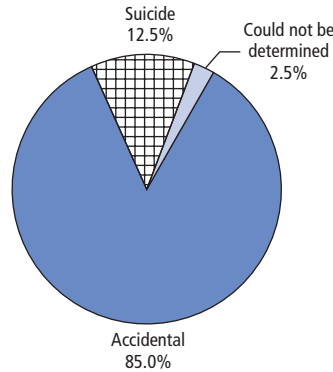
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD: Montgomery County, PA



Montgomery County, PA: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	70
Drug-related suicide.....	10
Population.....	776,172
Deaths per 100,000 population	
Drug-related.....	9.0
Drug-related suicide.....	1.3

Deaths by manner of death, 2007



Place of death, 2007

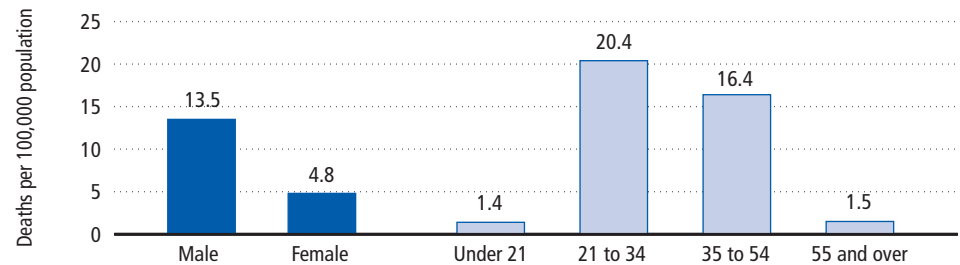
Drug-related		Deaths
Health care facility		30
Home		34
Public place		--
Other		4
Not documented		0
Drug-related suicide		Deaths
Health care facility		--
Home		8
Public place		0
Other		0
Not documented		0

Drug-related deaths by drug category, 2006-2007

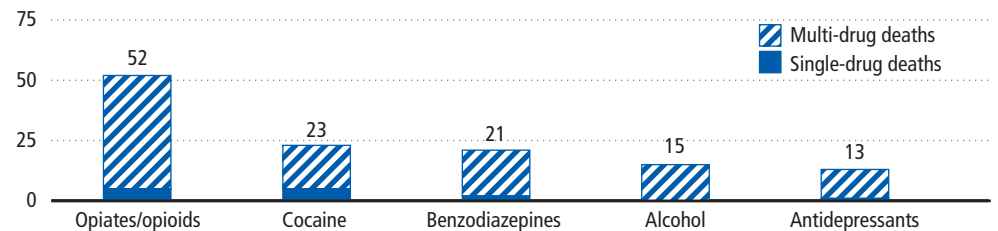
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	82	70	14	8	10	6
Alcohol*	19	15	0	--	--	0
Cocaine	42	23	5	--	--	--
Marijuana	13	9	0	0	0	0
Stimulants	4	4	--	0	0	0
Club drugs†	0	0	0	0	0	0
Hallucinogens**	0	--	0	0	0	0
Inhalants	0	0	0	0	--	0
Antidepressants	17	13	--	5	--	0
Antipsychotics	4	0	0	--	0	0
Benzodiazepines	27	21	--	4	--	--
Misc. anxiolytics, sedatives, and hypnotics	11	4	0	--	--	--
Opiates/opioids	54	52	5	4	--	--
Heroin (specified)	13	22	--	0	0	0
Methadone	5	13	0	--	0	0
All other opiates/opioids	47	24	--	--	--	--
Nonsteroidal anti-inflammatory agents	5	0	0	0	0	0
Salicylates/combinations	0	0	0	0	0	0
Misc. analgesics/combinations	6	9	0	0	0	0
Anticonvulsants	--	0	0	--	--	0
Muscle relaxants	5	5	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, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

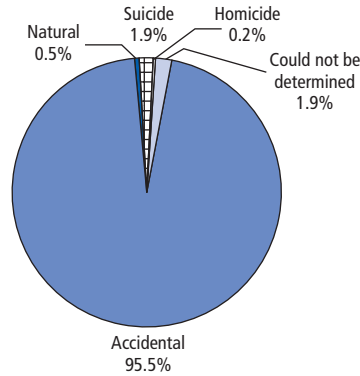
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD: Philadelphia County, PA



Philadelphia County, PA: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	417
Drug-related suicide.....	8
Population	1,449,634
Deaths per 100,000 population	
Drug-related.....	28.8
Drug-related suicide.....	0.6

Deaths by manner of death, 2007



Place of death, 2007

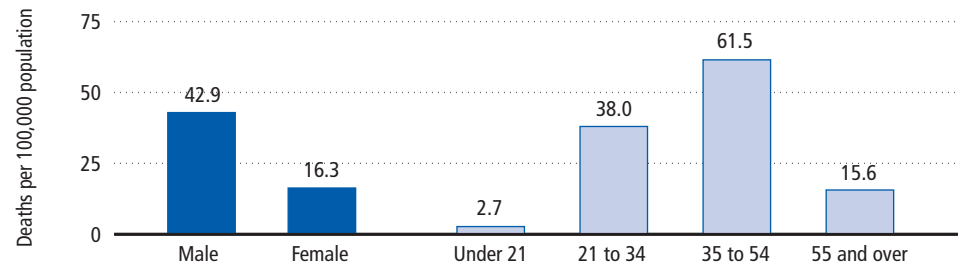
Drug-related		Deaths
Health care facility	.....	137
Home	.....	196
Public place	.....	22
Other	.....	58
Not documented	.....	4
Drug-related suicide		Deaths
Health care facility	.....	--
Home	.....	5
Public place	.....	0
Other	.....	--
Not documented	.....	0

Drug-related deaths by drug category, 2006-2007

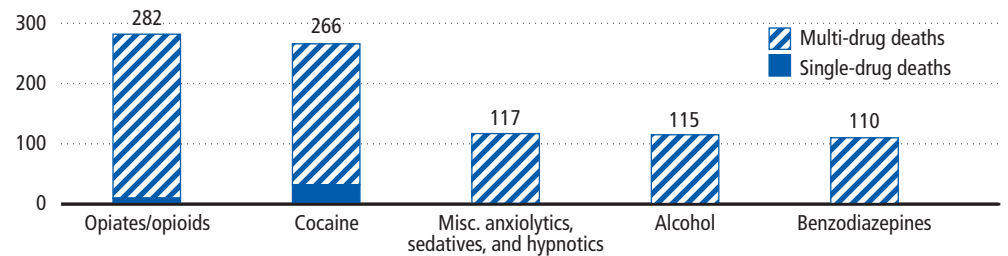
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	606	417	48	13	8	--
Alcohol*	187	115	0	4	--	--
Cocaine	405	266	32	--	--	--
Marijuana	--	--	0	0	0	--
Stimulants	15	8	--	--	0	--
Club drugs†	6	--	0	--	0	--
Hallucinogens**	31	17	0	0	0	--
Inhalants	0	0	0	0	0	--
Antidepressants	150	95	0	--	--	--
Antipsychotics	45	38	--	--	0	--
Benzodiazepines	180	110	0	5	--	--
Misc. anxiolytics, sedatives, and hypnotics	150	117	--	5	5	--
Opiates/opioids	459	282	10	9	4	--
Heroin (specified)	144	105	--	0	0	--
Methadone	107	78	5	0	0	--
All other opiates/opioids	429	250	4	9	4	--
Nonsteroidal anti-inflammatory agents	92	67	0	--	--	--
Salicylates/combinations	0	0	0	0	0	--
Misc. analgesics/combinations	21	20	--	4	--	--
Anticonvulsants	45	28	0	0	0	--
Muscle relaxants	31	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.

Death rates by gender and age: Drug-related, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

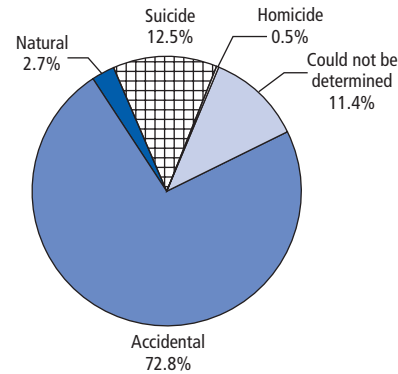
Portland-Vancouver-Beaverton, OR-WA: Multnomah County, OR



Multnomah County, OR: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	161
Drug-related suicide.....	23
Population	701,986
Deaths per 100,000 population	
Drug-related.....	22.9
Drug-related suicide.....	3.3

Deaths by manner of death, 2007



Place of death, 2007

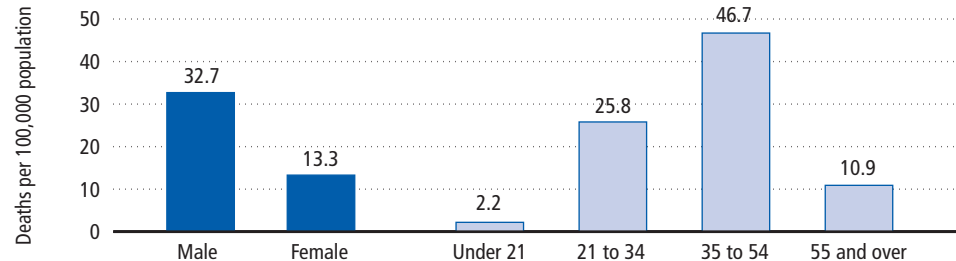
Drug-related		Deaths
Health care facility.....		32
Home.....		69
Public place.....		13
Other.....		47
Not documented.....		0
Drug-related suicide		Deaths
Health care facility.....		4
Home.....		15
Public place.....		--
Other.....		--
Not documented.....		0

Drug-related deaths by drug category, 2006-2007

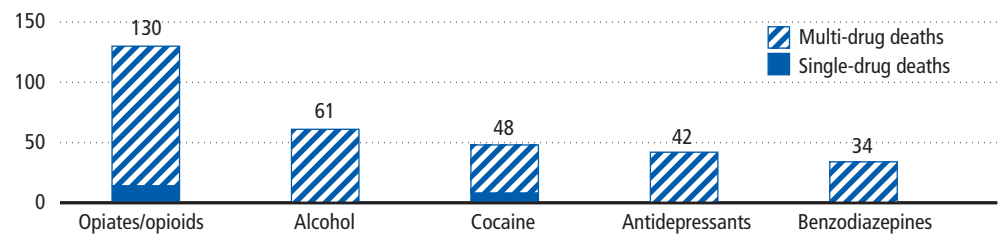
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	141	161	24	29	23	7
Alcohol*	33	61	0	12	8	0
Cocaine	47	48	8	--	--	0
Marijuana	13	20	--	4	--	0
Stimulants	20	19	--	--	--	--
Club drugs†	0	--	0	0	--	0
Hallucinogens**	0	0	0	0	0	0
Inhalants	--	--	0	--	--	--
Antidepressants	20	42	0	15	10	0
Antipsychotics	6	0	0	--	--	0
Benzodiazepines	28	34	0	9	6	0
Misc. anxiolytics, sedatives, and hypnotics	11	12	0	9	--	--
Opiates/opioids	123	130	14	14	11	--
Heroin (specified)	47	67	9	--	--	--
Methadone	44	40	--	4	--	0
All other opiates/opioids	74	59	4	10	9	0
Nonsteroidal anti-inflammatory agents	0	--	0	0	0	0
Salicylates/combinations	--	0	0	0	0	0
Misc. analgesics/combinations	--	5	0	4	--	--
Anticonvulsants	5	5	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.

Death rates by gender and age: Drug-related, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

Provo-Orem, UT: Utah County, UT



Utah County, UT: Deaths and population, 2007

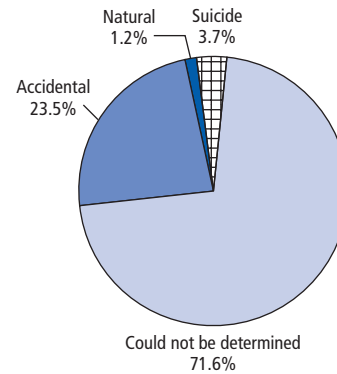
Deaths reported to DAWN	
Drug-related.....	78
Drug-related suicide.....	3
Population	483,702
Deaths per 100,000 population	
Drug-related.....	16.1
Drug-related suicide.....	0.6

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	74	78	9	9	--	0
Alcohol*	13	8	0	--	--	--
Cocaine	20	20	0	0	--	--
Marijuana	12	15	0	0	--	--
Stimulants	10	10	--	--	--	--
Club drugs†	0	0	0	0	--	--
Hallucinogens**	0	0	0	0	--	--
Inhalants	0	0	0	0	--	--
Antidepressants	28	27	0	8	--	--
Antipsychotics	7	9	0	--	--	--
Benzodiazepines	34	22	0	--	--	--
Misc. anxiolytics, sedatives, and hypnotics	22	20	0	4	--	--
Opiates/opioids	69	73	7	4	--	--
Heroin (specified)	--	9	0	0	--	--
Methadone	19	22	--	--	--	--
All other opiates/opioids	54	62	4	--	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	--	--	--
Salicylates/combinations	0	0	0	0	--	--
Misc. analgesics/combinations	8	--	0	--	--	--
Anticonvulsants	--	--	0	--	--	--
Muscle relaxants	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.

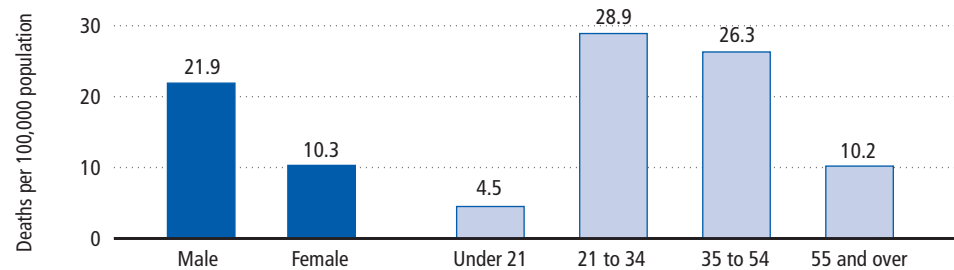
Deaths by manner of death, 2007



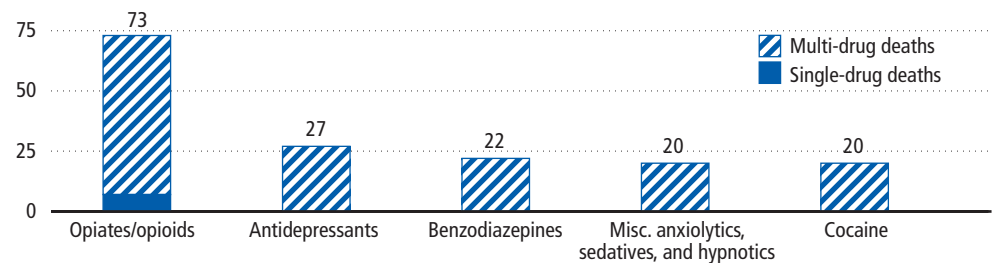
Place of death, 2007

Drug-related		Deaths
Health care facility	.....	26
Home	.....	40
Public place	.....	4
Other	.....	8
Not documented	.....	0
Drug-related suicide		Deaths
Health care facility	.....	0
Home	.....	--
Public place	.....	0
Other	.....	0
Not documented	.....	0

Death rates by gender and age: Drug-related, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

Salt Lake City, UT: Salt Lake County, UT



Salt Lake County, UT: Deaths and population, 2007

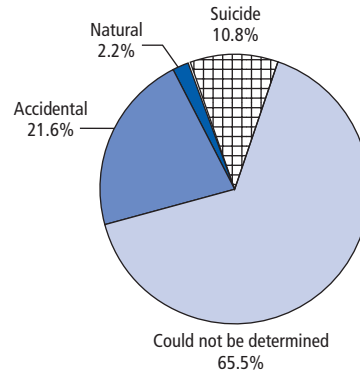
Deaths reported to DAWN	
Drug-related.....	207
Drug-related suicide.....	25
Population	1,009,518
Deaths per 100,000 population	
Drug-related.....	20.5
Drug-related suicide.....	2.5

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	194	207	12	27	25	--
Alcohol*	38	47	0	8	6	--
Cocaine	75	59	--	--	--	--
Marijuana	43	40	0	--	--	--
Stimulants	29	23	--	--	--	--
Club drugs†	--	--	0	0	0	--
Hallucinogens**	0	0	0	0	0	--
Inhalants	--	--	0	0	0	--
Antidepressants	70	68	0	14	11	--
Antipsychotics	6	15	0	--	5	--
Benzodiazepines	54	57	0	8	7	--
Misc. anxiolytics, sedatives, and hypnotics	51	68	0	16	12	--
Opiates/opioids	169	174	7	14	16	--
Heroin (specified)	14	27	0	0	--	--
Methadone	61	44	--	--	--	--
All other opiates/opioids	126	153	4	14	14	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	0	0	0	--	0	--
Misc. analgesics/combinations	10	16	0	5	4	--
Anticonvulsants	8	14	0	5	--	--
Muscle relaxants	22	30	0	--	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.

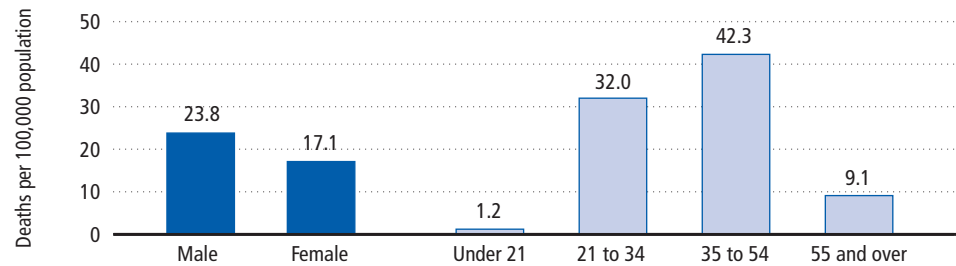
Deaths by manner of death, 2007



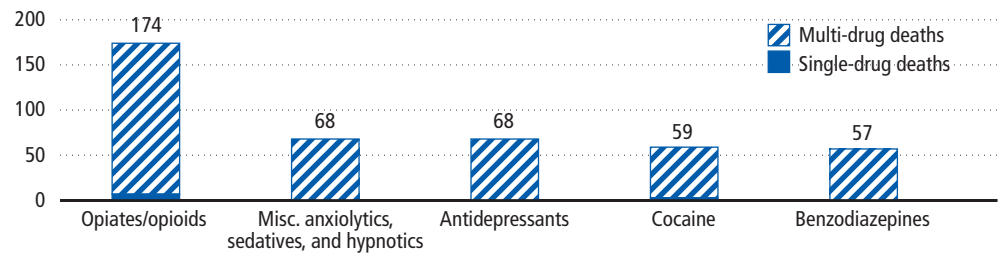
Place of death, 2007

Drug-related		Deaths
Health care facility	.....	44
Home	.....	133
Public place	.....	9
Other	.....	21
Not documented	.....	0
Drug-related suicide		Deaths
Health care facility	.....	8
Home	.....	13
Public place	.....	--
Other	.....	--
Not documented	.....	0

Death rates by gender and age: Drug-related, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

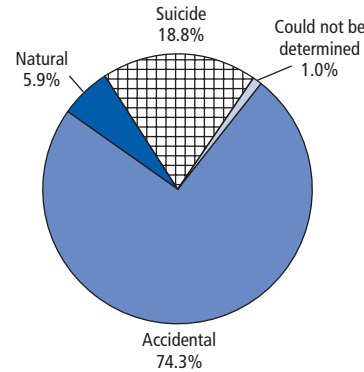
San Francisco-Oakland-Fremont, CA: Contra Costa County, CA



Contra Costa County, CA: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	82
Drug-related suicide.....	19
Population	1,019,640
Deaths per 100,000 population	
Drug-related.....	8.0
Drug-related suicide.....	1.9

Deaths by manner of death, 2007



Place of death, 2007

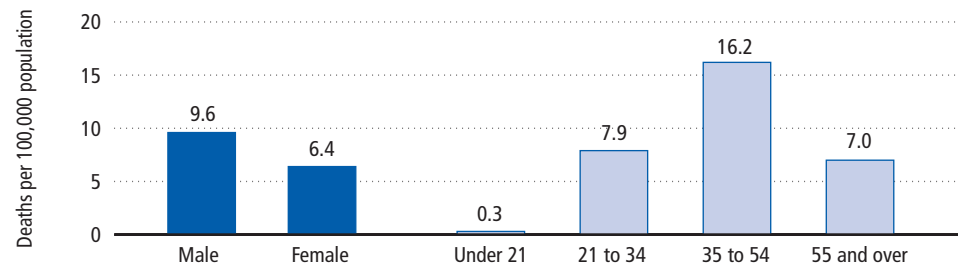
Drug-related	Deaths
Health care facility	20
Home	44
Public place	9
Other	9
Not documented	0
Drug-related suicide	
Health care facility	4
Home	13
Public place	--
Other	0
Not documented	0

Drug-related deaths by drug category, 2006-2007

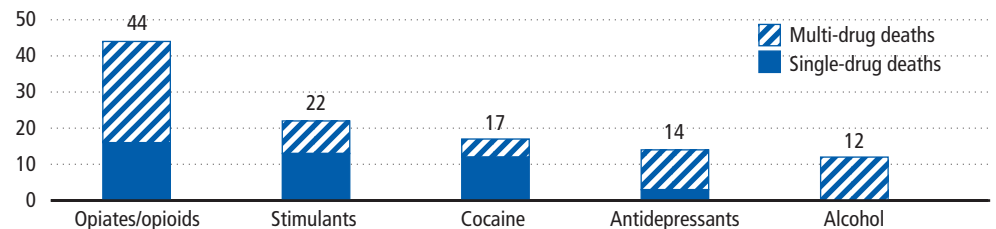
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS		82	48		19	10
Alcohol*		12	0		5	0
Cocaine		17	12		--	0
Marijuana		0	0		0	0
Stimulants		22	13		0	0
Club drugs†		--	--		0	0
Hallucinogens**		0	0		0	0
Inhalants		0	0		0	0
Antidepressants		14	--		6	--
Antipsychotics		0	0		0	0
Benzodiazepines		6	0		--	0
Misc. anxiolytics, sedatives, and hypnotics		5	0		--	--
Opiates/opioids		44	16		6	--
Heroin (specified)		7	--		0	0
Methadone		16	5		--	--
All other opiates/opioids		28	8		4	--
Nonsteroidal anti-inflammatory agents		0	0		0	0
Salicylates/combinations		0	0		0	0
Misc. analgesics/combinations		--	--		--	--
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.

Death rates by gender and age: Drug-related, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

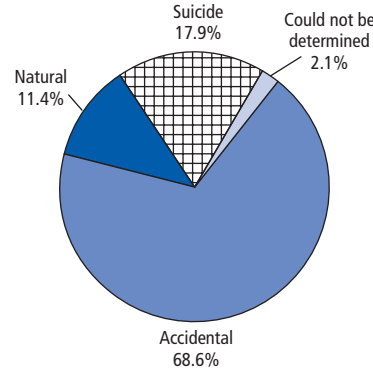
San Francisco-Oakland-Fremont, CA: San Francisco County, CA



San Francisco County, CA: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	230
Drug-related suicide.....	50
Population	764,976
Deaths per 100,000 population	
Drug-related.....	30.1
Drug-related suicide.....	6.5

Deaths by manner of death, 2007



Place of death, 2007

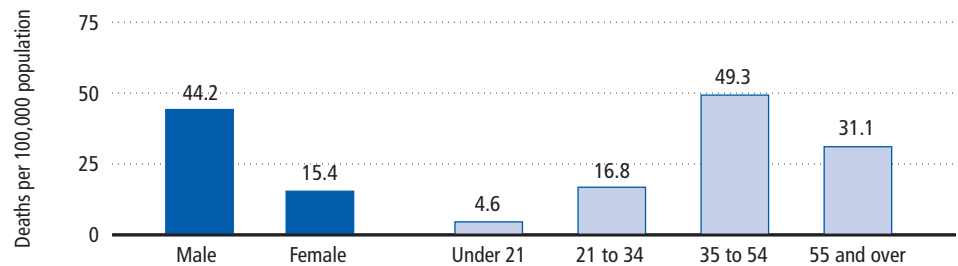
Drug-related		Deaths
Health care facility	.....	49
Home	.....	126
Public place	.....	18
Other	.....	37
Not documented	.....	0
Drug-related suicide		Deaths
Health care facility	.....	10
Home	.....	33
Public place	.....	4
Other	.....	--
Not documented	.....	0

Drug-related deaths by drug category, 2006-2007

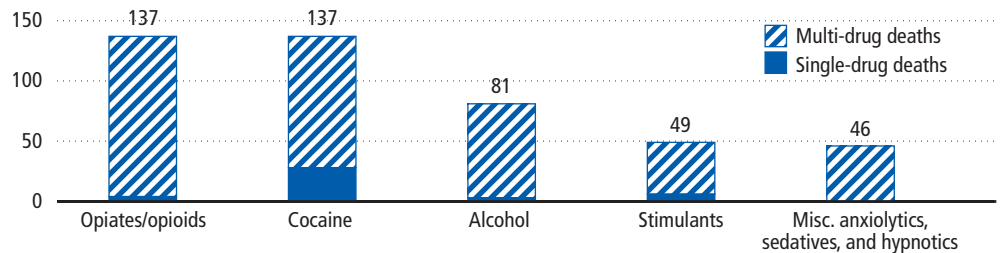
Drug category	Drug-related		Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS		230	42	50	11
Alcohol*	81	--	--	17	0
Cocaine	137	28	--	15	--
Marijuana	7	0	--	--	--
Stimulants	49	6	--	6	--
Club drugs†	7	0	--	--	0
Hallucinogens**	--	0	--	--	0
Inhalants	--	0	--	--	--
Antidepressants	43	0	--	14	0
Antipsychotics	12	0	--	9	--
Benzodiazepines	35	0	--	10	--
Misc. anxiolytics, sedatives, and hypnotics	46	0	--	12	0
Opiates/opioids	137	4	4	16	0
Heroin (specified)	8	0	0	0	0
Methadone	52	--	--	0	0
All other opiates/opioids	112	--	--	16	0
Nonsteroidal anti-inflammatory agents	--	0	0	0	0
Salicylates/combinations	0	0	--	--	0
Misc. analgesics/combinations	8	--	--	8	--
Anticonvulsants	12	0	--	--	0
Muscle relaxants	8	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, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

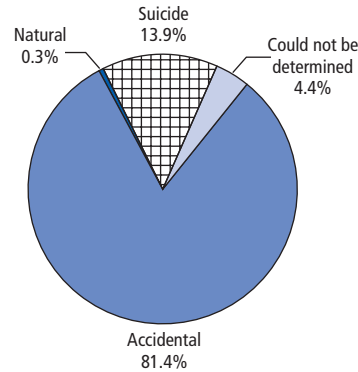
Seattle-Tacoma-Bellevue, WA: King County, WA



King County, WA: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	315
Drug-related suicide.....	51
Population.....1,859,284	
Deaths per 100,000 population	
Drug-related.....	16.9
Drug-related suicide.....	2.7

Deaths by manner of death, 2007



Place of death, 2007

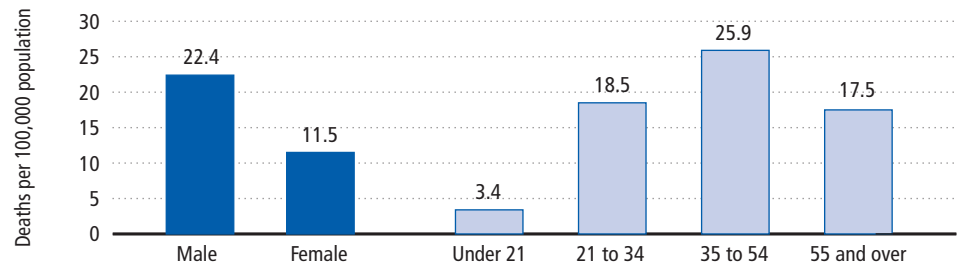
Drug-related		Deaths
Health care facility	.....	102
Home	.....	148
Public place	.....	29
Other	.....	36
Not documented	.....	0
Drug-related suicide		Deaths
Health care facility	.....	7
Home	.....	26
Public place	.....	8
Other	.....	10
Not documented	.....	0

Drug-related deaths by drug category, 2006-2007

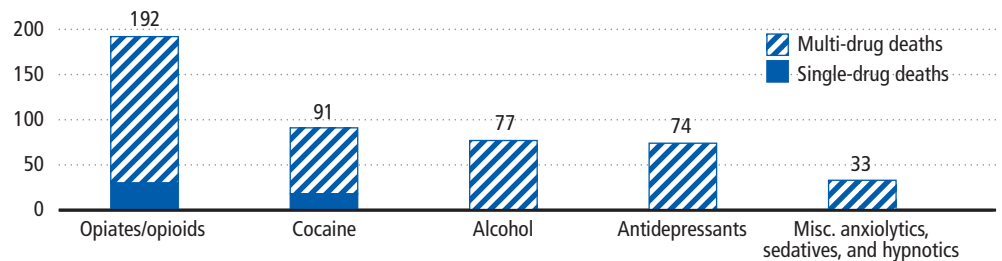
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	336	315	104	81	51	9
Alcohol*	77	77	0	41	14	0
Cocaine	122	91	18	16	7	--
Marijuana	16	6	--	10	--	0
Stimulants	28	29	13	11	--	--
Club drugs†	4	--	0	4	--	0
Hallucinogens**	0	--	0	0	--	0
Inhalants	--	--	--	--	0	0
Antidepressants	76	74	0	25	18	--
Antipsychotics	6	9	--	--	5	0
Benzodiazepines	47	32	0	20	18	--
Misc. anxiolytics, sedatives, and hypnotics	40	33	0	21	15	0
Opiates/opioids	199	192	30	27	22	0
Heroin (specified)	59	57	8	--	0	0
Methadone	96	80	6	--	--	0
All other opiates/opioids	79	89	16	23	21	0
Nonsteroidal anti-inflammatory agents	--	--	--	--	--	0
Salicylates/combinations	--	--	--	--	--	--
Misc. analgesics/combinations	18	18	--	12	15	--
Anticonvulsants	16	27	--	5	7	0
Muscle relaxants	12	10	0	--	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, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

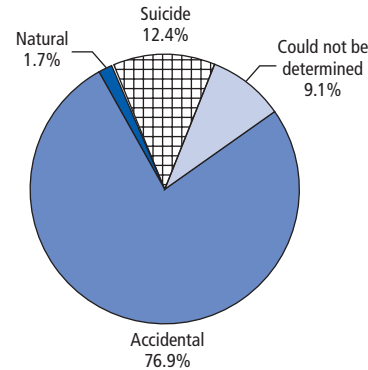
Seattle-Tacoma-Bellevue, WA: Pierce County, WA



Pierce County, WA: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	106
Drug-related suicide.....	15
Population	773,165
Deaths per 100,000 population	
Drug-related.....	13.7
Drug-related suicide.....	1.9

Deaths by manner of death, 2007



Place of death, 2007

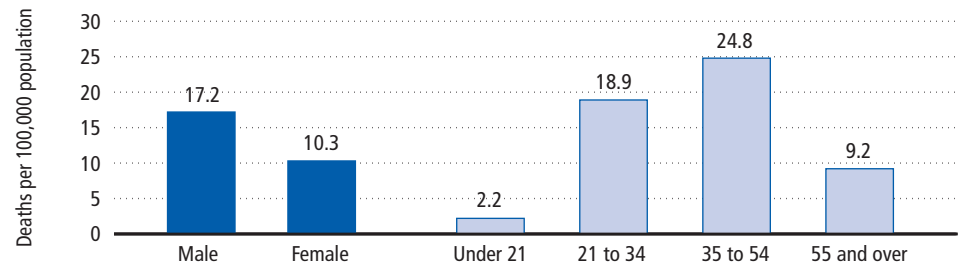
Drug-related		Deaths
Health care facility	.....	24
Home	.....	62
Public place	.....	5
Other	.....	15
Not documented	.....	0
Drug-related suicide		Deaths
Health care facility	.....	--
Home	.....	11
Public place	.....	--
Other	.....	0
Not documented	.....	0

Drug-related deaths by drug category, 2006-2007

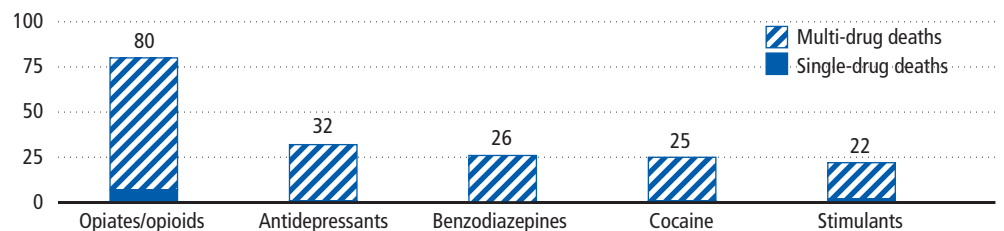
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	87	106	14	11	15	--
Alcohol*	21	21	--	9	11	--
Cocaine	26	25	--	--	--	--
Marijuana	11	18	0	--	--	--
Stimulants	15	22	--	--	--	--
Club drugs†	0	0	0	0	0	--
Hallucinogens**	0	0	0	0	0	--
Inhalants	5	0	0	0	0	--
Antidepressants	36	32	--	5	7	--
Antipsychotics	--	4	0	--	--	--
Benzodiazepines	25	26	0	4	4	--
Misc. anxiolytics, sedatives, and hypnotics	13	10	0	--	5	--
Opiates/opioids	59	80	7	4	4	--
Heroin (specified)	7	14	--	0	--	--
Methadone	31	34	5	--	0	--
All other opiates/opioids	40	54	--	--	4	--
Nonsteroidal anti-inflammatory agents	--	--	0	0	0	--
Salicylates/combinations	--	--	0	0	0	--
Misc. analgesics/combinations	15	5	0	--	--	--
Anticonvulsants	--	4	0	0	--	--
Muscle relaxants	5	12	--	--	--	--

* 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, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

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



**Snohomish County, WA:
Deaths and population, 2007**

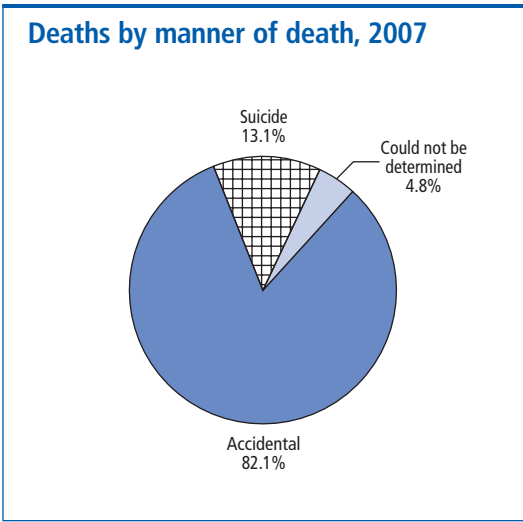
Deaths reported to DAWN

Drug-related..... 73
Drug-related suicide..... 11

Population..... 676,898

Deaths per 100,000 population

Drug-related..... 10.8
Drug-related suicide..... 1.6



Place of death, 2007

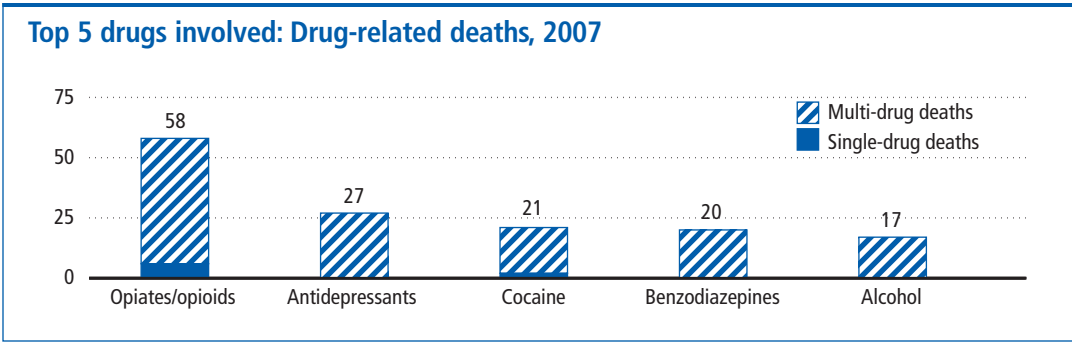
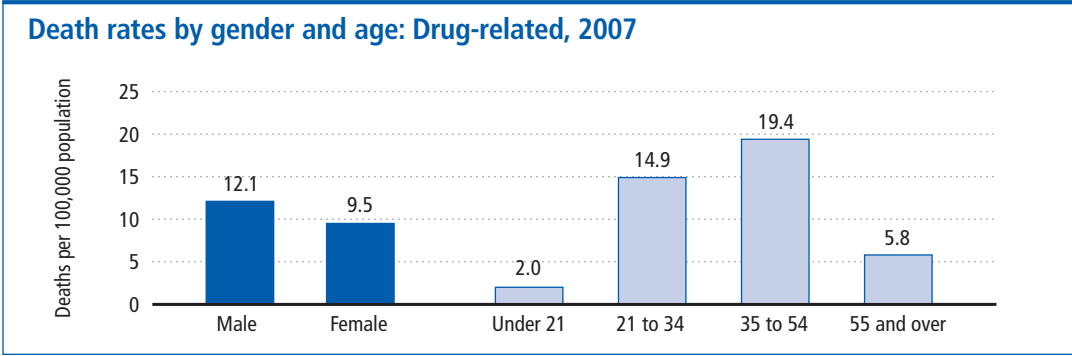
Drug-related	Deaths
Health care facility	10
Home	52
Public place	7
Other	4
Not documented	0

Drug-related suicide	Deaths
Health care facility	--
Home	9
Public place	--
Other	0
Not documented	0

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	85	73	11	11	11	--
Alcohol*	15	17	0	4	--	--
Cocaine	23	21	--	0	0	--
Marijuana	0	0	0	0	0	--
Stimulants	9	8	--	0	0	--
Club drugs†	--	--	--	0	0	--
Hallucinogens**	0	0	0	0	0	--
Inhalants	--	0	0	0	--	--
Antidepressants	26	27	0	5	6	--
Antipsychotics	--	8	0	--	--	--
Benzodiazepines	20	20	0	--	--	--
Misc. anxiolytics, sedatives, and hypnotics	11	12	0	5	4	--
Opiates/opioids	69	58	6	5	6	--
Heroin (specified)	0	0	0	0	0	--
Methadone	44	29	6	--	--	--
All other opiates/opioids	39	35	0	4	5	--
Nonsteroidal anti-inflammatory agents	--	0	0	0	0	--
Salicylates/combinations	0	0	0	0	--	--
Misc. analgesics/combinations	10	10	0	--	--	--
Anticonvulsants	11	7	0	--	--	--
Muscle relaxants	9	8	0	0	--	--

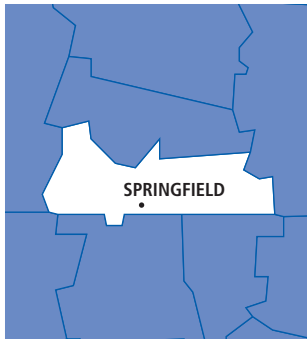
* Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.
** Includes PCP, LSD, and miscellaneous hallucinogens.



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, 2007 (08/2008 update).

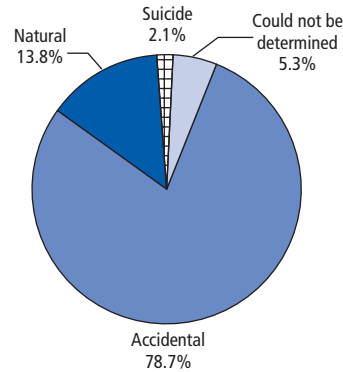
Springfield, MA: Hampden County, MA



Hampden County, MA: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	92
Drug-related suicide.....	2
Population	457,908
Deaths per 100,000 population	
Drug-related.....	20.1
Drug-related suicide.....	0.4

Deaths by manner of death, 2007



Place of death, 2007

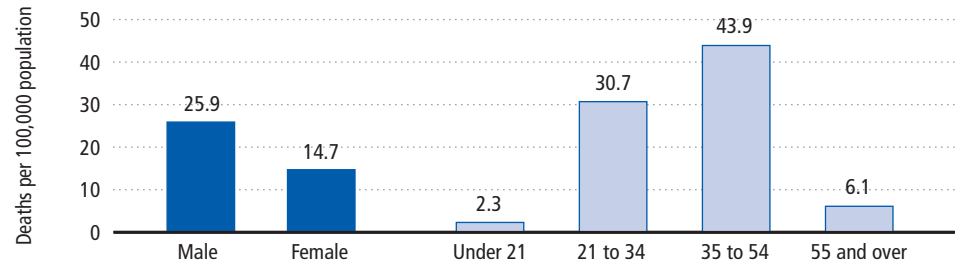
Drug-related		Deaths
Health care facility	.....	44
Home	.....	35
Public place	.....	0
Other	.....	13
Not documented	.....	0
Drug-related suicide		Deaths
Health care facility	.....	--
Home	.....	0
Public place	.....	0
Other	.....	--
Not documented	.....	0

Drug-related deaths by drug category, 2006-2007

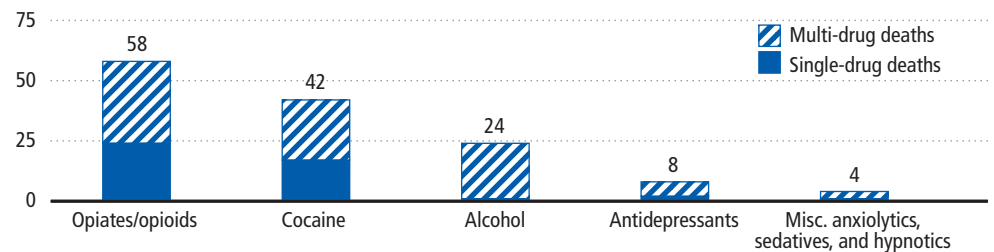
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	61	92	47	8	--	--
Alcohol*	14	24	--	4	--	--
Cocaine	31	42	17	--	--	--
Marijuana	--	--	0	0	--	--
Stimulants	--	0	0	0	--	--
Club drugs†	0	0	0	0	--	--
Hallucinogens**	0	0	0	0	--	--
Inhalants	--	0	0	0	--	--
Antidepressants	10	8	--	5	--	--
Antipsychotics	--	--	0	0	--	--
Benzodiazepines	10	4	0	--	--	--
Misc. anxiolytics, sedatives, and hypnotics	--	4	--	--	--	--
Opiates/opioids	48	58	24	--	--	--
Heroin (specified)	--	11	--	0	--	--
Methadone	11	10	--	0	--	--
All other opiates/opioids	36	41	18	--	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	--	--
Salicylates/combinations	--	0	0	0	--	--
Misc. analgesics/combinations	0	--	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, 2007



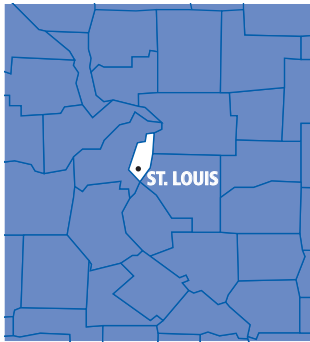
Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

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



St. Louis City, MO: Deaths and population, 2007

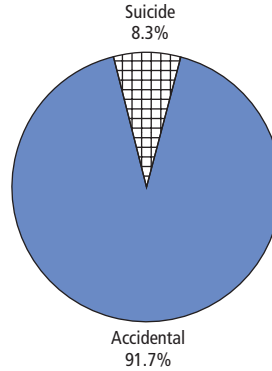
Deaths reported to DAWN	
Drug-related.....	88
Drug-related suicide.....	8
Population	350,759
Deaths per 100,000 population	
Drug-related.....	25.1
Drug-related suicide.....	2.3

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	120	88	58	12	8	4
Alcohol*	26	15	--	5	--	0
Cocaine	40	42	38	--	0	0
Marijuana	0	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	0
Antidepressants	--	--	--	--	4	--
Antipsychotics	--	--	0	0	--	--
Benzodiazepines	10	6	0	--	0	0
Misc. anxiolytics, sedatives, and hypnotics	--	0	0	--	--	0
Opiates/opioids	69	45	18	4	0	0
Heroin (specified)	16	25	9	--	0	0
Methadone	6	5	--	0	0	0
All other opiates/opioids	66	26	7	4	0	0
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	0	0	0	0	0
Misc. analgesics/combinations	6	0	0	--	--	0
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.

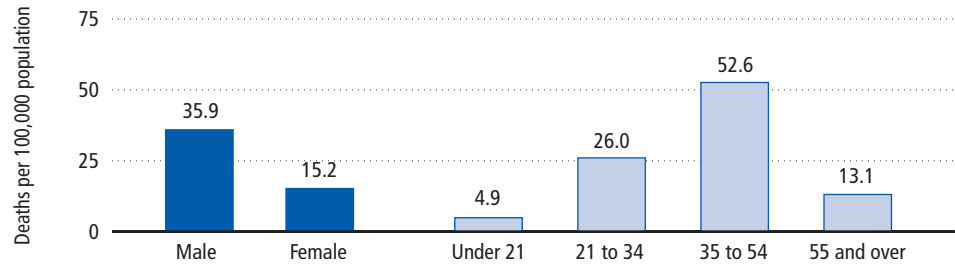
Deaths by manner of death, 2007



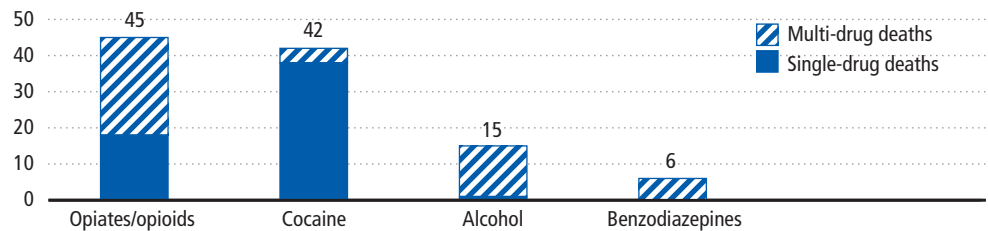
Place of death, 2007

Drug-related	Deaths
Health care facility	44
Home	31
Public place	--
Other	11
Not documented	--
Drug-related suicide	Deaths
Health care facility	--
Home	5
Public place	0
Other	0
Not documented	0

Death rates by gender and age: Drug-related, 2007



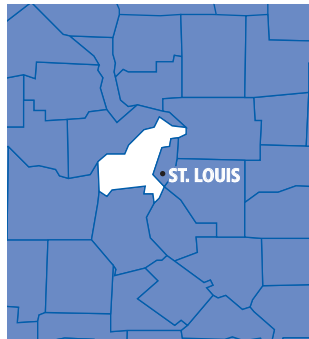
Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

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



St. Louis County, MO: Deaths and population, 2007

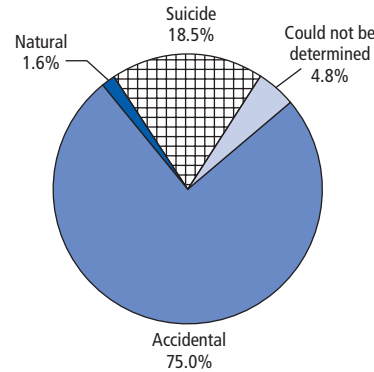
Deaths reported to DAWN	
Drug-related.....	101
Drug-related suicide.....	23
Population	995,118
Deaths per 100,000 population	
Drug-related.....	10.1
Drug-related suicide.....	2.3

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	116	101	45	23	23	7
Alcohol*	30	29	--	5	7	0
Cocaine	51	39	20	--	--	0
Marijuana	0	--	--	0	0	0
Stimulants	6	4	--	--	--	0
Club drugs†	0	--	0	0	--	0
Hallucinogens**	0	--	0	--	0	0
Inhalants	--	--	--	0	--	0
Antidepressants	--	10	0	8	9	--
Antipsychotics	--	--	0	--	--	--
Benzodiazepines	5	8	0	8	4	0
Misc. anxiolytics, sedatives, and hypnotics	0	4	0	--	--	0
Opiates/opioids	76	57	18	9	4	--
Heroin (specified)	27	28	10	0	--	--
Methadone	16	9	--	--	--	0
All other opiates/opioids	50	27	6	7	--	0
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	0	0	0	--	--
Misc. analgesics/combinations	--	--	--	--	5	--
Anticonvulsants	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.

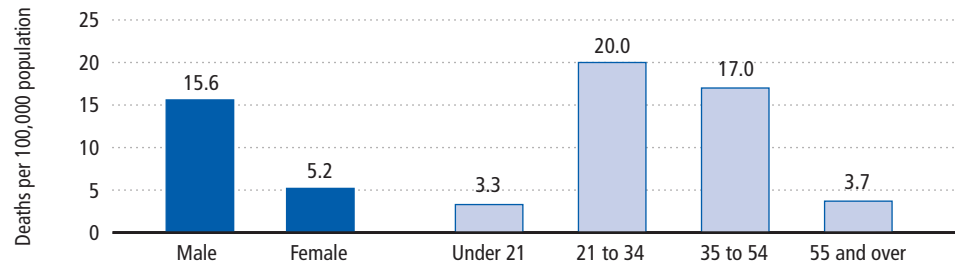
Deaths by manner of death, 2007



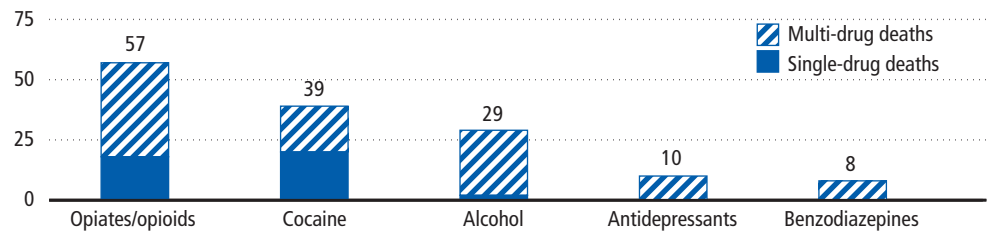
Place of death, 2007

Drug-related		Deaths
Health care facility		39
Home		43
Public place		8
Other		11
Not documented		0
Drug-related suicide		Deaths
Health care facility		8
Home		14
Public place		0
Other		--
Not documented		0

Death rates by gender and age: Drug-related, 2007



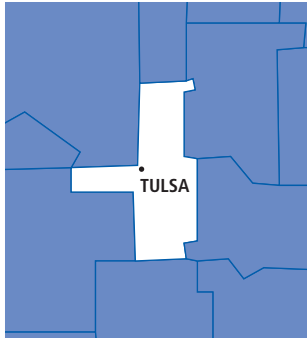
Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

Tulsa, OK: Tulsa County, OK



Tulsa County, OK: Deaths and population, 2007

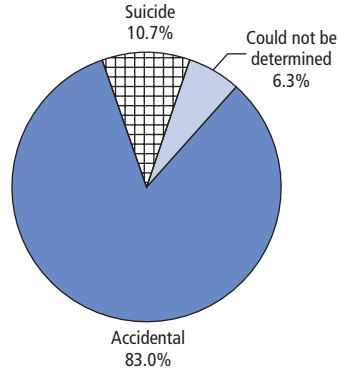
Deaths reported to DAWN	
Drug-related.....	142
Drug-related suicide.....	17
Population	585,068
Deaths per 100,000 population	
Drug-related.....	24.3
Drug-related suicide.....	2.9

Drug-related deaths by drug category, 2006-2007

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	92	142	37	10	17	--
Alcohol*	15	18	0	--	5	--
Cocaine	11	23	9	0	0	--
Marijuana	0	0	0	0	0	--
Stimulants	8	15	6	0	--	--
Club drugs†	0	--	0	0	0	--
Hallucinogens**	0	0	0	0	0	--
Inhalants	0	0	0	0	0	--
Antidepressants	16	21	0	5	5	--
Antipsychotics	4	--	0	--	--	--
Benzodiazepines	43	70	0	--	6	--
Misc. anxiolytics, sedatives, and hypnotics	9	7	0	--	4	--
Opiates/opioids	78	115	20	4	9	--
Heroin (specified)	--	0	0	0	0	--
Methadone	42	51	11	0	0	--
All other opiates/opioids	44	75	9	4	9	--
Nonsteroidal anti-inflammatory agents	--	0	0	0	0	--
Salicylates/combinations	0	0	0	0	--	--
Misc. analgesics/combinations	11	7	--	--	--	--
Anticonvulsants	--	0	0	--	--	--
Muscle relaxants	13	14	0	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.

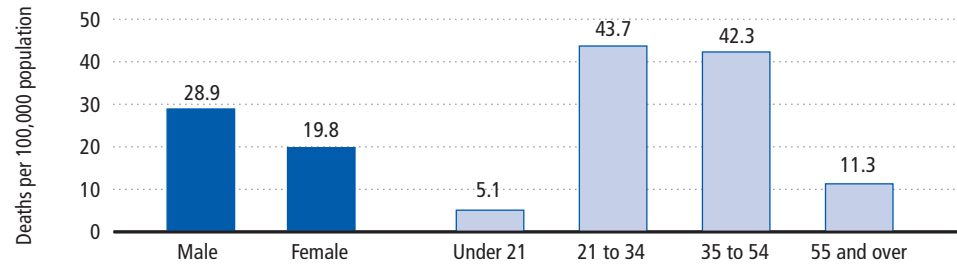
Deaths by manner of death, 2007



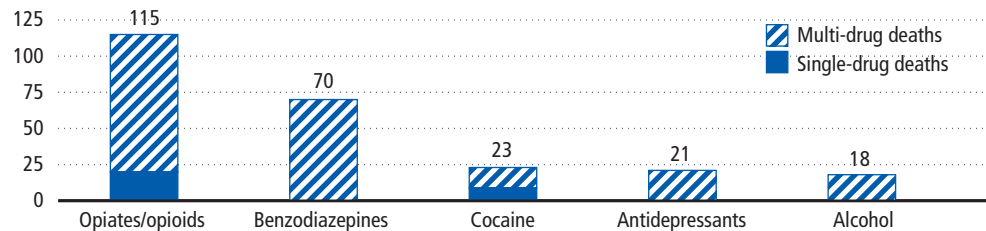
Place of death, 2007

Drug-related	Deaths
Health care facility	50
Home	85
Public place	7
Other	0
Not documented	0
Drug-related suicide	Deaths
Health care facility	6
Home	10
Public place	--
Other	0
Not documented	0

Death rates by gender and age: Drug-related, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

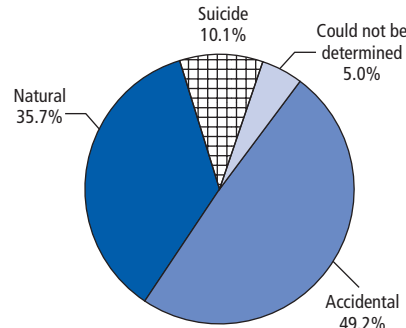
Washington-Arlington-Alexandria, DC-VA-MD-WV: District of Columbia



District of Columbia: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	214
Drug-related suicide.....	24
Population	588,292
Deaths per 100,000 population	
Drug-related.....	36.4
Drug-related suicide.....	4.1

Deaths by manner of death, 2007



Place of death, 2007

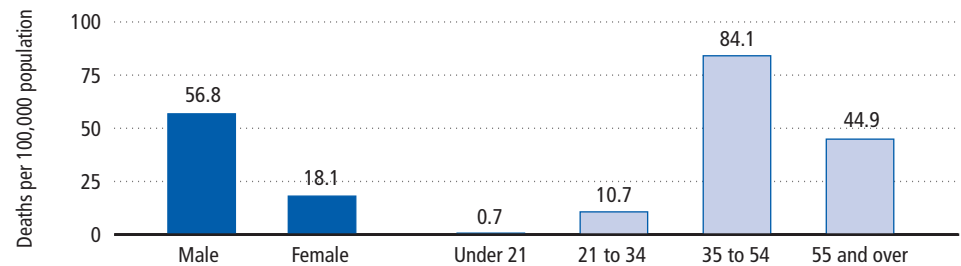
Drug-related		Deaths
Health care facility	.....	95
Home	.....	68
Public place	.....	36
Other	.....	15
Not documented	.....	0
Drug-related suicide		Deaths
Health care facility	.....	--
Home	.....	18
Public place	.....	--
Other	.....	--
Not documented	.....	0

Drug-related deaths by drug category, 2006-2007

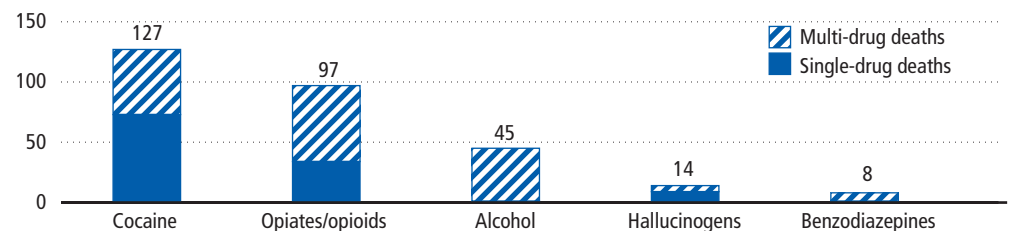
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	123	214	121	13	24	11
Alcohol*	31	45	--	--	5	0
Cocaine	73	127	73	5	5	--
Marijuana	0	--	--	0	0	0
Stimulants	0	--	--	--	--	--
Club drugs†	--	0	0	0	--	0
Hallucinogens**	--	14	9	0	--	0
Inhalants	0	0	0	--	0	0
Antidepressants	15	7	--	--	8	--
Antipsychotics	--	0	0	0	--	0
Benzodiazepines	0	8	--	4	8	--
Misc. anxiolytics, sedatives, and hypnotics	--	--	0	--	4	--
Opiates/opioids	72	97	34	4	5	--
Heroin (specified)	7	4	--	0	0	0
Methadone	15	20	9	--	0	0
All other opiates/opioids	59	77	22	--	5	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	--	0
Salicylates/combinations	0	0	0	0	0	0
Misc. analgesics/combinations	0	--	0	0	--	--
Anticonvulsants	--	--	0	0	--	0
Muscle relaxants	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, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (08/2008 update).

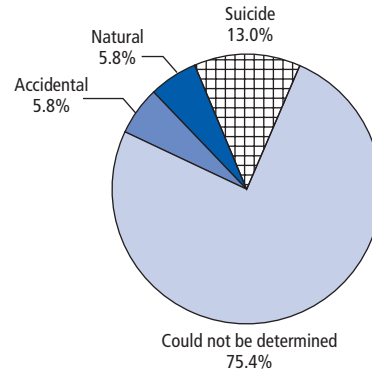
Washington-Arlington-Alexandria, DC-VA-MD-WV: Prince George's County, MD



Prince George's County, MD: Deaths and population, 2007

Deaths reported to DAWN	
Drug-related.....	60
Drug-related suicide.....	9
Population	828,770
Deaths per 100,000 population	
Drug-related.....	7.2
Drug-related suicide.....	1.1

Deaths by manner of death, 2007



Place of death, 2007

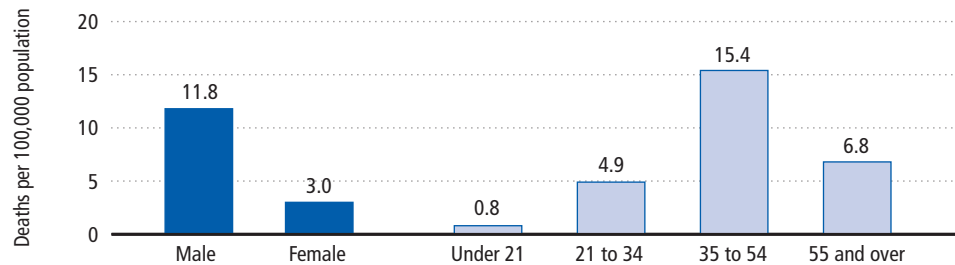
Drug-related		Deaths
Health care facility	.....	33
Home	.....	19
Public place	.....	--
Other	.....	7
Not documented	.....	0
Drug-related suicide		Deaths
Health care facility	.....	--
Home	.....	5
Public place	.....	--
Other	.....	--
Not documented	.....	0

Drug-related deaths by drug category, 2006-2007

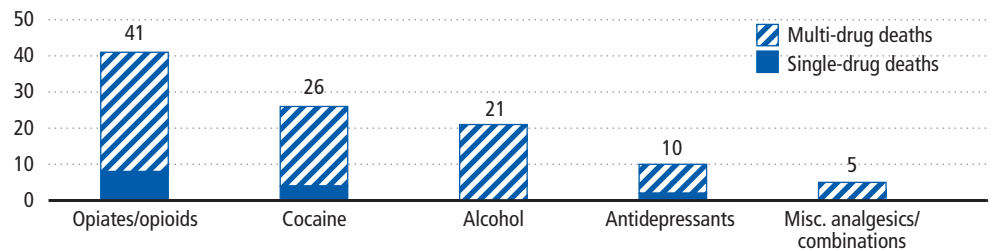
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007	Deaths, 2006	Deaths, 2007	Single-drug deaths, 2007
ALL DRUGS	40	60	16	4	9	--
Alcohol*	13	21	0	0	--	--
Cocaine	21	26	4	0	4	--
Marijuana	0	0	0	0	0	--
Stimulants	--	--	0	0	0	--
Club drugs†	--	0	0	0	0	--
Hallucinogens**	--	5	--	0	0	--
Inhalants	0	0	0	0	0	--
Antidepressants	--	10	--	0	--	--
Antipsychotics	--	0	0	--	--	--
Benzodiazepines	0	--	0	0	0	--
Misc. anxiolytics, sedatives, and hypnotics	--	5	0	--	--	--
Opiates/opioids	21	41	8	--	0	--
Heroin (specified)	0	12	--	0	0	--
Methadone	7	6	--	0	0	--
All other opiates/opioids	16	31	5	--	0	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	0	0	0	0	--	--
Misc. analgesics/combinations	--	5	0	--	0	--
Anticonvulsants	0	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.

Death rates by gender and age: Drug-related, 2007



Top 5 drugs involved: Drug-related deaths, 2007



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, 2007 (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 by DAWN is derived from the Multum *Lexicon*, © 2008, Multum Information Services, Inc. The classification has been 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;
- 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**.)

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 (“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 (or substances). 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:

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);

Nitrites, e.g., amyl nitrites (“poppers,” “snappers”) and butyl nitrites (“rush,” “locker room,” “bolt,” “climax,” video head cleaner); and

Chlorofluorohydrocarbons, e.g., freons.

Excluded from the inhalant 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-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 sole and 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 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.

(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**.)

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 a car), and
- *Not documented*.

¹ National Association of Medical Examiners. (2006). *Forensic Autopsy Performance Standards*. (Available at <http://thename.org/>.)

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 involved. DAWN captures single-drug deaths involving alcohol only 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

MULTUM LICENSING AGREEMENT

1. Introduction

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

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

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

D. Multum does not assume any responsibility for any aspect of healthcare administered or not administered with the aid of information the Database provides.

2. Terms and Conditions for Copying, Distribution and Modification

A. You may copy and distribute verbatim copies of the Database as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Database a copy of this License (the readme.txt file) along with the Database and anything else that is part of the package, which should be identified.

B. You may modify your copy or copies of the Database or any portion of it to form a derivative work, and copy and distribute such modifications or work under the terms of Section 2.A. above, provided that you also meet all of these conditions:

- i) You must cause the modified files to carry prominent notices stating that they are derived from the Multum Lexicon database from Cerner Multum, Inc. and that you changed the files and the date of any change(s).
- ii) If you incorporate modified files into a computer program, you must cause it, when started running for interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice, a notice that you have modified the Multum Lexicon database from Cerner Multum, Inc., and a notice that there is no warranty (or that you provide the warranty) and telling the user how to view a copy of this License.

C. It is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Database.

D. You may copy and distribute the Database (or a work based on it, under Section 2.B.) in an encoded form under the terms of Sections 2.A. and 2.B. above provided that you also do one of the following:

- i) Accompany it with the complete corresponding machine-readable plain text, which must be distributed under the terms of Sections 2.A and 2.B. above on a medium customarily used for software interchange; or,
- ii) Accompany it with a written offer to give any third party, for no charge, a complete machine-readable copy of the Database (and the entirety of your derivative work based on it, under Section 2.B.), to be distributed under the terms of Sections 2.A. and 2.B. above on a medium customarily used for software interchange.

E. You may not copy, modify, sublicense, or distribute the Database except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Database will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

F. You are not required to accept this License. However, nothing else grants you permission to copy, modify or distribute the Database or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by copying, modifying or distributing the Database (or any work based on the Database), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Database or works based on it.

G. Each time you redistribute the Database (or any work based on the Database), the recipient automatically receives a license from Multum to copy, distribute or modify the Database subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

3. Disclaimer of Warranties; Limitation of Damages

A. BECAUSE THE DATABASE IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM OR DATA, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING. MULTUM AND/OR OTHER PARTIES PROVIDE THE DATABASE "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED, STATUTORY OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE DATABASE IS WITH YOU. SHOULD THE DATABASE PROVE DEFECTIVE, INCOMPLETE, OR INACCURATE, YOU ASSUME THE RESPONSIBILITY AND COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

B. IN NO EVENT (UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING) WILL MULTUM, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE DATABASE AS PERMITTED ABOVE, BE LIABLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR INDIRECT DAMAGES, INCLUDING DAMAGES FOR LOSS OF PROFITS, LOSS OF BUSINESS, OR DOWN TIME, EVEN IF MULTUM OR ANY OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

C. IN ADDITION, WITHOUT LIMITING THE FOREGOING, THE DATABASE HAS BEEN DESIGNED FOR USE IN THE UNITED STATES ONLY AND COVERS THE DRUG PRODUCTS USED IN PRACTICE IN THE UNITED STATES. MULTUM PROVIDES NO CLINICAL INFORMATION OR CHECKS FOR DRUGS NOT AVAILABLE FOR SALE IN THE UNITED STATES AND CLINICAL PRACTICE PATTERNS OUTSIDE THE UNITED STATES MAY DIFFER SUBSTANTIALLY FROM INFORMATION SUPPLIED BY THE DATABASE. MULTUM DOES NOT WARRANT THAT USES OUTSIDE THE UNITED STATES ARE APPROPRIATE.

D. You acknowledge that updates to the Database are at the sole discretion of Multum. Multum makes no representations or warranties whatsoever, express or implied, with respect to the compatibility of the Database, or future releases thereof, with any computer hardware or software, nor does Multum represent or warrant the continuity of the features or the facilities provided by or through the Database as between various releases thereof.

E. Any warranties expressly provided herein do not apply if: (i) the end-user alters, mishandles or improperly uses, stores or installs all, or any part, of the Database, (ii) the end-user uses, stores or installs the Database on a computer system which fails to meet the specifications provided by Multum, or (iii) the breach of warranty arises out of or in connection with acts or omissions of persons other than Multum.

4. Assumption of Risk, Disclaimer of Liability, Indemnity

A. THE END-USER ASSUMES ALL RISK FOR SELECTION AND USE OF THE DATABASE AND CONTENT PROVIDED THEREON. MULTUM SHALL NOT BE RESPONSIBLE FOR ANY ERRORS, MISSTATEMENTS, INACCURACIES OR OMISSIONS REGARDING CONTENT DELIVERED THROUGH THE DATABASE OR ANY DELAYS IN OR INTERRUPTIONS OF SUCH DELIVERY.

B. THE END-USER ACKNOWLEDGES THAT MULTUM: (A) HAS NO CONTROL OF OR RESPONSIBILITY FOR THE END-USER'S USE OF THE DATABASE OR CONTENT PROVIDED THEREON, (B) HAS NO KNOWLEDGE OF THE SPECIFIC OR UNIQUE CIRCUMSTANCES UNDER WHICH THE DATABASE OR CONTENT PROVIDED THEREON MAY BE USED BY THE END-USER, (C) UNDERTAKES NO OBLIGATION TO SUPPLEMENT OR UPDATE CONTENT OF THE DATABASE, AND (D) HAS NO LIABILITY TO ANY PERSON FOR ANY DATA OR INFORMATION INPUT ON THE DATABASE BY PERSONS OTHER THAN MULTUM.

C. MULTUM SHALL NOT BE LIABLE TO ANY PERSON (INCLUDING BUT NOT LIMITED TO THE END-USER AND PERSONS TREATED BY OR ON BEHALF OF THE END-USER) FOR, AND THE END-USER AGREES TO INDEMNIFY AND HOLD MULTUM HARMLESS FROM ANY CLAIMS, LAWSUITS, PROCEEDINGS, COSTS, ATTORNEYS' FEES, DAMAGES OR OTHER LOSSES (COLLECTIVELY, "LOSSES") ARISING OUT OF OR RELATING TO (A) THE END-USER'S USE OF THE DATABASE OR CONTENT PROVIDED THEREON OR ANY EQUIPMENT FURNISHED IN CONNECTION THEREWITH AND (B) ANY DATA OR INFORMATION INPUT ON THE DATABASE BY END-USER, IN ALL CASES INCLUDING BUT NOT LIMITED TO LOSSES FOR TORT, PERSONAL INJURY, MEDICAL MALPRACTICE OR PRODUCT LIABILITY.

5. Miscellaneous

- A. You warrant that you have authority within the organization you identified during registration for the Database to enter into license agreements with other organizations including Multum.
- B. You agree that Multum may identify you and/or your organization by name as a "licensee", "licensed user", or "licensing organization" of the Database or a "client" of Multum in Multum's external market communications. You also agree that Multum may issue, if it desires, a press release stating that you and/or your organization have licensed the Database.
- C. If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other obligations, then as a consequence you may not distribute the Database at all.
- D. If any portion of this License is held invalid or unenforceable under any particular circumstance, the balance of this License is intended to apply and the License as a whole is intended to apply in other circumstances.
- E. If the distribution and/or use of the Database is or becomes restricted in certain countries either by patents or by copyrighted interfaces, Multum may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

Multum Lexicon
Copyright © 1997-2009
Cerner Multum, Inc.
3200 Cherry Creek South Drive, Suite 300
Denver, CO 80209
Document revised April 1, 2003