

# **Drug Abuse Warning Network, 2008: Area Profiles of Drug-Related Mortality**

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

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## DAWN MORTALITY DATA

**T**he 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 2008, there were 544 participating ME/Cs who identified and reported to DAWN on all deaths referred to their offices that met the DAWN criteria for being a drug-related death. These ME/Cs represent the larger metropolitan and micropolitan areas in 36 states and, collectively, cover one third of the nation's population. Findings in this publication reflect data on drug-related deaths that occurred during calendar year 2008 and were reported by participating ME/Cs to DAWN. In selected tables, data from reporting year 2007 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.<sup>1</sup> The data items submitted on drug-related deaths are described in Appendix C.

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.

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<sup>1</sup> 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<sup>®</sup>, Vicodin<sup>®</sup>, OxyContin<sup>®</sup>, 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;<sup>2</sup>
- 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 June 2009 for deaths that occurred during 2008. Death investigations that were not concluded by the ME/C by the end of the data collection period are excluded.

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<sup>2</sup>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. Even though there is no sampling error in DAWN ME/C data, the possibility of nonsampling errors (i.e., errors in reporting, differences in testing protocols) limits the interpretation of the findings.

In some circumstances, large percentage change values can be misleading because a small increase in the number of deaths can result in a large percentage difference if the base is small. For example, in 2008, Klamath Falls, OR, experienced an 800 percent increase in drug-related deaths compared with 2007. There was one death in 2007, and there were nine deaths in 2008. To get a sense of the significance of a large percentage change, it is helpful to also consider the absolute numbers of deaths, the population, and rates per 100,000 population.



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## PARTICIPATION IN DAWN 2008

**D**AWN relies on the voluntary cooperation of ME/Cs in selected areas of the United States to provide standardized data on drug-related deaths. For 2008, there were 373 jurisdictions in 153 metropolitan areas and 447 jurisdictions in 12 States that submitted mortality data to DAWN.<sup>3,4</sup>

Table 1 provides information on the metropolitan areas and States that participated in 2008. 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.<sup>5</sup>

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 metropolitan area participated in DAWN in 2008, 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 123 metropolitan areas, with 100 percent coverage in 118 of those areas. The remaining metropolitan areas had response rates that ranged from a low of 22 percent for Dallas-Fort Worth to 85 percent for St. Louis. Population coverage below 50 percent usually equates to the absence of large jurisdictions.

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<sup>3</sup> There is overlap between the metropolitan areas and States. In total, usable reports were received from 544 jurisdictions: 97 are only in metropolitan areas, 171 are only in States, and 276 are in both.

<sup>4</sup> DAWN uses the metropolitan area definitions established by the Office of Management and Budget in 2000 and updated in 2003. See Appendix C for additional detail.

<sup>5</sup> 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, 2008**

State	Area*	Total jurisdictions (counties)	Participating jurisdictions (counties)	Percent of jurisdictions in area that participated	Population in participating jurisdictions	Percent of area population covered by participating ME/Cs
	Twelve States	447	447	100%	38,172,645	100%
	One hundred fifty-three metropolitan and micropolitan statistical areas	525	373	71%	111,888,133	76%
	Four submetropolitan areas	26	13	50%	12,885,466	62%
	Five hundred forty-four counties	544	544	100%	114,776,727	100%
Alabama	Birmingham-Hoover, AL	7	1	14%	659,503	59%
Arizona	Phoenix-Mesa-Scottsdale, AZ	2	1	50%	3,954,598	92%
Arkansas	Fort Smith, AR-OK	5	2	40%	90,836	31%
California	Los Angeles-Long Beach-Santa Ana, CA	2	1	50%	9,862,049	77%
	San Diego-Carlsbad-San Marcos, CA	1	1	100%	3,001,072	100%
	San Francisco-Oakland-Fremont, CA	5	4	80%	2,800,163	66%
	<i>San Francisco-San Mateo-Redwood City, CA</i>	3	3	100%	1,770,460	100%
Colorado	Denver-Aurora-Broomfield, CO	10	8	80%	2,492,565	99%
District of Columbia	Washington-Arlington-Alexandria, DC-VA-MD-WV	22	22	100%	5,358,130	100%
Florida	Miami-Fort Lauderdale-Pompano Beach, FL	3	2	67%	3,663,538	68%
Georgia	Atlanta-Sandy Springs-Marietta, GA	28	7	25%	2,240,915	42%
Illinois	Chicago-Naperville-Joliet, IL-IN-WI	14	9	64%	8,758,561	92%
Indiana	Indianapolis-Carmel, IN	10	2	20%	1,019,538	59%
Kentucky	Louisville-Jefferson County, KY-IN	13	1	8%	713,877	57%
Louisiana	New Orleans-Metairie-Kenner, LA	7	4	57%	555,998	49%
Maine	Statewide	16	16	100%	1,316,456	100%
	Augusta-Waterville, ME	1	1	100%	120,959	100%
	Bangor, ME	1	1	100%	148,651	100%
	Lewiston-Auburn, ME	1	1	100%	106,877	100%
	Portland-South Portland-Biddeford, ME	3	3	100%	514,065	100%
	Rockland, ME	1	1	100%	40,686	100%
Maryland	Statewide	24	24	100%	5,633,597	100%
	Baltimore-Towson, MD	7	7	100%	2,667,117	100%
	Cambridge, MD	1	1	100%	31,998	100%
	Cumberland, MD-WV	2	2	100%	99,033	100%
	Easton, MD	1	1	100%	36,215	100%
	Hagerstown-Martinsburg, MD-WV	3	3	100%	263,753	100%
	Lexington Park, MD	1	1	100%	101,578	100%
	Ocean Pines, MD	1	1	100%	49,274	100%
	Salisbury, MD	2	2	100%	120,165	100%



**Table 1 (continued)**

**Participation of medical examiner/coroner jurisdictions in DAWN, 2008**

State	Area*	Total jurisdictions (counties)	Participating jurisdictions (counties)	Percent of jurisdictions in area that participated	Population in participating jurisdictions	Percent of area population covered by participating ME/Cs
Massachusetts	Statewide	14	14	100%	6,497,967	100%
	Barnstable Town, MA	1	1	100%	221,049	100%
	Boston-Cambridge-Quincy, MA-NH	7	7	100%	4,522,858	100%
	Pittsfield, MA	1	1	100%	129,395	100%
	Springfield, MA	3	3	100%	687,558	100%
	Worcester, MA	1	1	100%	783,806	100%
Michigan	Detroit-Warren-Livonia, MI	6	4	67%	3,132,061	71%
Minnesota	Brainerd, MN	2	1	50%	28,732	32%
	Minneapolis-St. Paul-Bloomington, MN-WI	13	9	69%	2,661,495	82%
Missouri	Kansas City, MO-KS	15	4	27%	1,068,449	53%
	St. Louis, MO-IL	16	9	56%	2,388,574	85%
New Hampshire	Statewide	10	10	100%	1,315,809	100%
	Berlin, NH-VT	2	2	100%	38,471	100%
	Claremont, NH	1	1	100%	42,591	100%
	Concord, NH	1	1	100%	148,161	100%
	Keene, NH	1	1	100%	77,170	100%
	Laconia, NH	1	1	100%	61,281	100%
	Lebanon, NH-VT	3	3	100%	171,404	100%
	Manchester-Nashua, NH	1	1	100%	402,042	100%
New Mexico	Statewide	33	33	100%	1,984,356	100%
	Alamogordo, NM	1	1	100%	62,776	100%
	Albuquerque, NM	4	4	100%	845,913	100%
	Carlsbad-Artesia, NM	1	1	100%	51,360	100%
	Clovis, NM	1	1	100%	43,755	100%
	Deming, NM	1	1	100%	27,227	100%
	Española, NM	1	1	100%	40,692	100%
	Farmington, NM	1	1	100%	122,500	100%
	Gallup, NM	1	1	100%	70,724	100%
	Grants, NM	1	1	100%	27,285	100%
	Hobbs, NM	1	1	100%	59,155	100%
	Las Cruces, NM	1	1	100%	201,603	100%
	Las Vegas, NM	1	1	100%	28,558	100%
	Los Alamos, NM	1	1	100%	18,150	100%
	Portales, NM	1	1	100%	18,889	100%
	Roswell, NM	1	1	100%	63,060	100%
	Ruidoso, NM	1	1	100%	20,793	100%
	Santa Fe, NM	1	1	100%	143,937	100%
	Silver City, NM	1	1	100%	29,844	100%
	Taos, NM	1	1	100%	31,546	100%

**Table 1 (continued)**

**Participation of medical examiner/coroner jurisdictions in DAWN, 2008**

State	Area*	Total jurisdictions (counties)	Participating jurisdictions (counties)	Percent of jurisdictions in area that participated	Population in participating jurisdictions	Percent of area population covered by participating ME/Cs
New York	Buffalo-Niagara Falls, NY	2	2	100%	1,124,309	100%
	New York-Northern New Jersey-Long Island, NY-NJ-PA	23	10	43%	11,115,006	58%
	<i>NY Suburban, NY</i>	5	2	40%	1,611,468	38%
	<i>NYC 5 Boroughs, NY</i>	5	5	100%	8,363,710	100%
	<i>Newark-Edison, NJ-PA</i>	13	3	23%	1,139,828	18%
North Dakota	Fargo, ND-MN	2	2	100%	195,685	100%
	Grand Forks, ND-MN	2	1	50%	30,694	32%
Ohio	Cleveland-Elyria-Mentor, OH	5	1	20%	1,283,925	61%
Oklahoma	Statewide	77	77	100%	3,642,361	100%
	Ada, OK	1	1	100%	36,999	100%
	Altus, OK	1	1	100%	25,236	100%
	Ardmore, OK	2	2	100%	57,134	100%
	Bartlesville, OK	1	1	100%	50,452	100%
	Duncan, OK	1	1	100%	43,498	100%
	Durant, OK	1	1	100%	40,109	100%
	Elk City, OK	1	1	100%	21,136	100%
	Enid, OK	1	1	100%	58,167	100%
	Guymon, OK	1	1	100%	20,283	100%
	Lawton, OK	1	1	100%	111,772	100%
	McAlester, OK	1	1	100%	45,115	100%
	Miami, OK	1	1	100%	31,849	100%
	Muskogee, OK	1	1	100%	71,278	100%
	Oklahoma City, OK	7	7	100%	1,206,142	100%
	Ponca City, OK	1	1	100%	45,632	100%
	Shawnee, OK	1	1	100%	69,616	100%
	Stillwater, OK	1	1	100%	78,280	100%
	Tahlequah, OK	1	1	100%	45,733	100%
	Tulsa, OK	7	7	100%	916,079	100%
Woodward, OK	1	1	100%	19,838	100%	

**Table 1 (continued)**

**Participation of medical examiner/coroner jurisdictions in DAWN, 2008**

State	Area*	Total jurisdictions (counties)	Participating jurisdictions (counties)	Percent of jurisdictions in area that participated	Population in participating jurisdictions	Percent of area population covered by participating ME/Cs
Oregon	Statewide	36	36	100%	3,790,060	100%
	Albany-Lebanon, OR	1	1	100%	115,348	100%
	Astoria, OR	1	1	100%	37,404	100%
	Bend, OR	1	1	100%	158,456	100%
	Brookings, OR	1	1	100%	21,523	100%
	Coos Bay, OR	1	1	100%	63,453	100%
	Corvallis, OR	1	1	100%	81,859	100%
	Eugene-Springfield, OR	1	1	100%	346,560	100%
	Grants Pass, OR	1	1	100%	81,618	100%
	Hood River, OR	1	1	100%	21,536	100%
	Klamath Falls, OR	1	1	100%	66,425	100%
	La Grande, OR	1	1	100%	24,961	100%
	Medford, OR	1	1	100%	201,138	100%
	Ontario, OR-ID	2	1	50%	30,907	57%
	Pendleton-Hermiston, OR	2	2	100%	84,666	100%
	Portland-Vancouver-Beaverton, OR-WA	7	5	71%	1,771,935	80%
	Prineville, OR	1	1	100%	23,023	100%
	Roseburg, OR	1	1	100%	104,059	100%
	Salem, OR	2	2	100%	391,680	100%
	The Dalles, OR	1	1	100%	23,775	100%
Pennsylvania	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	11	5	45%	3,500,631	60%
Rhode Island	Statewide	5	5	100%	1,050,788	100%
	Providence-New Bedford-Fall River, RI-MA	6	6	100%	1,596,611	100%
South Dakota	Sioux Falls, SD	4	1	25%	179,180	77%
Tennessee	Kingsport-Bristol-Bristol, TN-VA	5	3	60%	93,312	31%
Texas	Dallas-Fort Worth-Arlington, TX	12	2	17%	1,398,567	22%
	Houston-Sugar Land-Baytown, TX	10	1	10%	3,984,349	70%
Utah	Statewide	29	29	100%	2,736,424	100%
	Brigham City, UT	1	1	100%	49,015	100%
	Cedar City, UT	1	1	100%	44,540	100%
	Heber, UT	1	1	100%	21,066	100%
	Logan, UT-ID	2	1	50%	112,616	90%
	Ogden-Clearfield, UT	3	3	100%	531,488	100%
	Price, UT	1	1	100%	19,549	100%
	Provo-Orem, UT	2	2	100%	540,820	100%
	Salt Lake City, UT	3	3	100%	1,115,692	100%
	St. George, UT	1	1	100%	137,589	100%
	Vernal, UT	1	1	100%	29,885	100%

**Table 1 (continued)**

**Participation of medical examiner/coroner jurisdictions in DAWN, 2008**

State	Area*	Total jurisdictions (counties)	Participating jurisdictions (counties)	Percent of jurisdictions in area that participated	Population in participating jurisdictions	Percent of area population covered by participating ME/Cs
Vermont	Statewide	14	14	100%	621,270	100%
	Barre, VT	1	1	100%	58,829	100%
	Bennington, VT	1	1	100%	36,382	100%
	Burlington-South Burlington, VT	3	3	100%	208,460	100%
	Rutland, VT	1	1	100%	63,331	100%
Virginia	Statewide	134	134	100%	7,769,089	100%
	Blacksburg-Christiansburg-Radford, VA	4	4	100%	158,328	100%
	Charlottesville, VA	5	5	100%	194,391	100%
	Culpeper, VA	1	1	100%	46,203	100%
	Danville, VA	2	2	100%	105,783	100%
	Harrisonburg, VA	2	2	100%	118,409	100%
	Lynchburg, VA	6	6	100%	245,809	100%
	Martinsville, VA	2	2	100%	69,859	100%
	Richmond, VA	20	20	100%	1,225,626	100%
	Roanoke, VA	6	6	100%	298,108	100%
	Staunton-Waynesboro, VA	3	3	100%	117,170	100%
	Virginia Beach-Norfolk-Newport News, VA-NC	16	15	94%	1,634,109	99%
	Winchester, VA-WV	3	3	100%	122,369	100%
Washington	Seattle-Tacoma-Bellevue, WA	3	3	100%	3,344,813	100%
West Virginia	Statewide	55	55	100%	1,814,468	100%
	Beckley, WV	1	1	100%	79,357	100%
	Bluefield, WV-VA	2	2	100%	105,287	100%
	Charleston, WV	5	5	100%	303,944	100%
	Clarksburg, WV	3	3	100%	92,212	100%
	Fairmont, WV	1	1	100%	56,496	100%
	Huntington-Ashland, WV-KY-OH	5	2	40%	135,713	48%
	Morgantown, WV	2	2	100%	118,506	100%
	Oak Hill, WV	1	1	100%	46,341	100%
	Parkersburg-Marietta-Vienna, WV-OH	4	3	75%	99,111	62%
	Point Pleasant, WV-OH	2	1	50%	25,678	45%
	Weirton-Steubenville, WV-OH	3	2	67%	53,528	44%
	Wheeling, WV-OH	3	2	67%	76,872	53%
Wisconsin	Milwaukee-Waukesha-West Allis, WI	4	1	25%	953,328	62%

\* Names in italics are submetropolitan areas within the larger metropolitan statistical area.

NOTE: ME/Cs = medical examiners and coroners.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 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 2008. Table 3 compares the rates of drug-related deaths in 2008 with those found for 2007 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 2007 as in 2008. Both tables include indicators of the population coverage in DAWN for 2008.

**Table 2**  
**Rates of drug-related deaths and drug-related suicide deaths per 100,000 population, 2008**

State	Area*	Rate of drug-related deaths per 100,000 population†	Rate of drug-related suicide deaths per 100,000 population	Population in participating jurisdictions	Percent of area population covered by participating ME/Cs
Alabama	Birmingham-Hoover, AL	12.1	0.8	659,503	59%
Arizona	Phoenix-Mesa-Scottsdale, AZ	16.9	3.1	3,954,598	92%
Arkansas	Fort Smith, AR-OK	16.5	2.2	90,836	31%
California	Los Angeles-Long Beach-Santa Ana, CA	9.4	1.5	9,862,049	77%
	San Diego-Carlsbad-San Marcos, CA	12.7	2.8	3,001,072	100%
	San Francisco-Oakland-Fremont, CA	12.8	2.4	2,800,163	66%
	Contra Costa County	9.4	2.2	1,029,703	100%
	<i>San Francisco-San Mateo-Redwood City, CA</i>	14.8	2.5	1,770,460	100%
	San Francisco County	22.4	2.6	808,976	100%
Colorado	Denver-Aurora-Broomfield, CO	14.8	2.9	2,492,565	99%
	Arapahoe County	13.7	2.9	554,282	100%
	Denver County	30.1	4.2	598,707	100%
District of Columbia	Washington-Arlington-Alexandria, DC-VA-MD-WV	7.7	1.6	5,358,130	100%
	District of Columbia	29.2	3.5	591,833	100%
	Prince George's County	7.3	0.4	820,852	100%
Florida	Miami-Fort Lauderdale-Pompano Beach, FL	10.0	1.9	3,663,538	68%
	Miami-Dade County	9.1	1.6	2,398,245	100%
	Palm Beach County	11.6	2.4	1,265,293	100%
Georgia	Atlanta-Sandy Springs-Marietta, GA	9.1	1.7	2,240,915	42%
	Fulton County	12.0	1.8	1,014,932	100%
Illinois	Chicago-Naperville-Joliet, IL-IN-WI	9.7	0.9	8,758,561	92%
	Cook County	10.7	0.7	5,294,664	100%
	Lake County	11.2	1.1	712,453	100%
Indiana	Indianapolis-Carmel, IN	16.4	1.7	1,019,538	59%
	Marion County	16.8	1.9	880,380	100%
Kentucky	Louisville-Jefferson County, KY-IN	14.0	2.8	713,877	57%
Louisiana	New Orleans-Metairie-Kenner, LA	19.4	1.6	555,998	49%
	Jefferson Parish	20.6	1.4	436,181	100%

Table 2 (continued)

## Rates of drug-related deaths and drug-related suicide deaths per 100,000 population, 2008

State	Area*	Rate of drug-related deaths per 100,000 population†	Rate of drug-related suicide deaths per 100,000 population	Population in participating jurisdictions	Percent of area population covered by participating ME/Cs
Maine	Statewide	11.4	2.1	1,316,456	100%
	Augusta-Waterville, ME	7.4	2.5	120,959	100%
	Bangor, ME	14.8	2.0	148,651	100%
	Lewiston-Auburn, ME	15.0	1.9	106,877	100%
	Portland-South Portland-Biddeford, ME	13.8	2.5	514,065	100%
	Rockland, ME	12.3	4.9	40,686	100%
Maryland	Statewide	11.6	1.0	5,633,597	100%
	Baltimore-Towson, MD	15.6	1.0	2,667,117	100%
	Anne Arundel County	12.3	1.0	512,790	100%
	Baltimore City	30.0	0.8	636,919	100%
	Baltimore County	11.8	1.5	785,618	100%
	Cambridge, MD	12.5	0.0	31,998	100%
	Cumberland, MD-WV	15.1	2.0	99,033	100%
	Easton, MD	22.1	5.5	36,215	100%
	Hagerstown-Martinsburg, MD-WV	18.2	1.1	263,753	100%
	Lexington Park, MD	12.8	0.0	101,578	100%
	Ocean Pines, MD	20.3	2.0	49,274	100%
Salisbury, MD	12.5	2.5	120,165	100%	
Massachusetts	Statewide	14.1	1.5	6,497,967	100%
	Barnstable Town, MA	13.6	1.8	221,049	100%
	Boston-Cambridge-Quincy, MA-NH	12.9	1.7	4,522,858	100%
	Essex County	12.5	2.3	736,457	100%
	Middlesex County	10.8	1.5	1,482,478	100%
	Norfolk County	11.7	0.9	659,909	100%
	Plymouth County	13.6	1.6	492,066	100%
	Suffolk County	20.9	1.8	732,684	100%
	Pittsfield, MA	10.0	3.1	129,395	100%
	Springfield, MA	14.8	0.9	687,558	100%
	Hampden County	17.8	0.9	460,840	100%
Worcester, MA	14.4	1.8	783,806	100%	
Michigan	Detroit-Warren-Livonia, MI	19.6	1.5	3,132,061	71%
	Macomb County	17.6	2.3	830,663	100%
	Wayne County	21.8	1.0	1,949,929	100%
Minnesota	Brainerd, MN	17.4	0.0	28,732	32%
	Minneapolis-St. Paul-Bloomington, MN-WI	8.2	1.7	2,661,495	82%
	Hennepin County	8.6	1.2	1,140,988	100%
	Ramsey County	13.4	3.4	501,428	100%

**Table 2 (continued)**

**Rates of drug-related deaths and drug-related suicide deaths per 100,000 population, 2008**

State	Area*	Rate of drug-related deaths per 100,000 population†	Rate of drug-related suicide deaths per 100,000 population	Population in participating jurisdictions	Percent of area population covered by participating ME/Cs
Missouri	Kansas City, MO-KS	12.4	2.4	1,068,449	53%
	Jackson County	13.3	2.8	668,417	100%
	St. Louis, MO-IL	12.1	1.6	2,388,574	85%
	St. Louis City	21.7	2.3	354,361	100%
	St. Louis County	10.9	1.9	991,830	100%
New Hampshire	Statewide	9.3	2.0	1,315,809	100%
	Berlin, NH-VT	13.0	0.0	38,471	100%
	Claremont, NH	9.4	2.3	42,591	100%
	Concord, NH	10.1	1.3	148,161	100%
	Keene, NH	2.6	0.0	77,170	100%
	Laconia, NH	13.1	1.6	61,281	100%
	Lebanon, NH-VT	14.0	3.5	171,404	100%
	Manchester-Nashua, NH	9.9	2.2	402,042	100%
New Mexico	Statewide	22.0	4.0	1,984,356	100%
	Alamogordo, NM	12.7	8.0	62,776	100%
	Albuquerque, NM	27.1	4.4	845,913	100%
	Bernalillo County	31.6	4.9	635,139	100%
	Carlsbad-Artesia, NM	25.3	0.0	51,360	100%
	Clovis, NM	11.4	0.0	43,755	100%
	Deming, NM	0.0	3.7	27,227	100%
	Española, NM	61.4	2.5	40,692	100%
	Farmington, NM	11.4	2.4	122,500	100%
	Gallup, NM	14.1	2.8	70,724	100%
	Grants, NM	18.3	0.0	27,285	100%
	Hobbs, NM	23.7	0.0	59,155	100%
	Las Cruces, NM	13.4	3.0	201,603	100%
	Las Vegas, NM	35.0	0.0	28,558	100%
	Los Alamos, NM	11.0	5.5	18,150	100%
	Portales, NM	0.0	5.3	18,889	100%
	Roswell, NM	17.4	1.6	63,060	100%
	Ruidoso, NM	4.8	4.8	20,793	100%
	Santa Fe, NM	18.8	8.3	143,937	100%
	Silver City, NM	30.2	16.8	29,844	100%
Taos, NM	28.5	3.2	31,546	100%	

Table 2 (continued)

## Rates of drug-related deaths and drug-related suicide deaths per 100,000 population, 2008

State	Area*	Rate of drug-related deaths per 100,000 population†	Rate of drug-related suicide deaths per 100,000 population	Population in participating jurisdictions	Percent of area population covered by participating ME/Cs
New York	Buffalo-Niagara Falls, NY	10.1	1.2	1,124,309	100%
	Erie County	9.9	1.0	909,845	100%
	New York-Northern New Jersey-Long Island, NY-NJ-PA	10.0	1.1	11,115,006	58%
	<i>NY Suburban, NY</i>	12.5	1.8	1,611,468	38%
	Suffolk County	12.4	1.8	1,512,224	100%
	<i>NYC 5 Boroughs, NY</i>	9.7	0.8	8,363,710	100%
	Bronx County	13.6	0.5	1,391,903	100%
	Kings County	9.1	0.6	2,556,598	100%
	New York County	9.4	1.7	1,634,795	100%
	Queens County	7.5	0.8	2,293,007	100%
	Richmond County	13.3	0.4	487,407	100%
<i>Newark-Edison, NJ-PA</i>	9.1	1.8	1,139,828	18%	
North Dakota	Fargo, ND-MN	3.6	0.5	195,685	100%
	Grand Forks, ND-MN	9.8	0.0	30,694	32%
Ohio	Cleveland-Elyria-Mentor, OH	17.5	1.9	1,283,925	61%
Oklahoma	Statewide	16.0	2.1	3,642,361	100%
	Ada, OK	13.5	2.7	36,999	100%
	Altus, OK	0.0	4.0	25,236	100%
	Ardmore, OK	17.5	0.0	57,134	100%
	Bartlesville, OK	9.9	4.0	50,452	100%
	Duncan, OK	18.4	0.0	43,498	100%
	Durant, OK	24.9	5.0	40,109	100%
	Elk City, OK	23.7	4.7	21,136	100%
	Enid, OK	13.8	5.2	58,167	100%
	Guymon, OK	14.8	0.0	20,283	100%
	Lawton, OK	10.7	1.8	111,772	100%
	McAlester, OK	11.1	6.6	45,115	100%
	Miami, OK	15.7	3.1	31,849	100%
	Muskogee, OK	33.7	2.8	71,278	100%
	Oklahoma City, OK	14.1	1.8	1,206,142	100%
	Oklahoma County	15.3	2.7	706,617	100%
	Ponca City, OK	11.0	2.2	45,632	100%
	Shawnee, OK	23.0	1.4	69,616	100%
	Stillwater, OK	7.7	1.3	78,280	100%
	Tahlequah, OK	37.2	2.2	45,733	100%
	Tulsa, OK	19.4	1.9	916,079	100%
	Tulsa County	20.1	2.0	591,982	100%
	Woodward, OK	15.1	0.0	19,838	100%



**Table 2 (continued)**

**Rates of drug-related deaths and drug-related suicide deaths per 100,000 population, 2008**

State	Area*	Rate of drug-related deaths per 100,000 population†	Rate of drug-related suicide deaths per 100,000 population	Population in participating jurisdictions	Percent of area population covered by participating ME/Cs
Oregon	Statewide	12.2	2.9	3,790,060	100%
	Albany-Lebanon, OR	5.2	0.0	115,348	100%
	Astoria, OR	10.7	5.3	37,404	100%
	Bend, OR	13.9	4.4	158,456	100%
	Brookings, OR	4.6	0.0	21,523	100%
	Coos Bay, OR	3.2	1.6	63,453	100%
	Corvallis, OR	3.7	1.2	81,859	100%
	Eugene-Springfield, OR	14.4	4.3	346,560	100%
	Grants Pass, OR	4.9	0.0	81,618	100%
	Hood River, OR	13.9	0.0	21,536	100%
	Klamath Falls, OR	13.5	3.0	66,425	100%
	La Grande, OR	0.0	4.0	24,961	100%
	Medford, OR	15.4	6.0	201,138	100%
	Ontario, OR-ID	9.7	0.0	30,907	57%
	Pendleton-Hermiston, OR	8.3	5.9	84,666	100%
	Portland-Vancouver-Beaverton, OR-WA	13.7	3.3	1,771,935	80%
	Multnomah County	25.2	4.5	714,567	100%
	Prineville, OR	8.7	0.0	23,023	100%
	Roseburg, OR	6.7	0.0	104,059	100%
	Salem, OR	10.5	0.8	391,680	100%
The Dalles, OR	21.0	0.0	23,775	100%	
Pennsylvania	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	19.7	1.3	3,500,631	60%
	Delaware County	19.3	2.3	553,619	100%
	Montgomery County	9.8	1.4	778,048	100%
	Philadelphia County	30.5	1.0	1,447,395	100%
Rhode Island	Statewide	18.4	3.2	1,050,788	100%
	Providence-New Bedford-Fall River, RI-MA	18.7	2.5	1,596,611	100%
	Bristol County	19.4	1.1	545,823	100%
	Providence County	20.1	3.7	626,150	100%
South Dakota	Sioux Falls, SD	0.6	2.2	179,180	77%
Tennessee	Kingsport-Bristol-Bristol, TN-VA	12.9	2.1	93,312	31%
Texas	Dallas-Fort Worth-Arlington, TX	5.8	1.7	1,398,567	22%
	Houston-Sugar Land-Baytown, TX	11.3	1.9	3,984,349	70%

Table 2 (continued)

## Rates of drug-related deaths and drug-related suicide deaths per 100,000 population, 2008

State	Area*	Rate of drug-related deaths per 100,000 population†	Rate of drug-related suicide deaths per 100,000 population	Population in participating jurisdictions	Percent of area population covered by participating ME/Cs
Utah	Statewide	15.1	2.2	2,736,424	100%
	Brigham City, UT	12.2	0.0	49,015	100%
	Cedar City, UT	13.5	0.0	44,540	100%
	Heber, UT	9.5	0.0	21,066	100%
	Logan, UT-ID	7.1	0.9	112,616	90%
	Ogden-Clearfield, UT	17.9	2.6	531,488	100%
	Price, UT	5.1	5.1	19,549	100%
	Provo-Orem, UT	10.9	0.7	540,820	100%
	Salt Lake City, UT	17.6	3.1	1,115,692	100%
	Salt Lake County	17.8	3.2	1,022,651	100%
	St. George, UT	12.4	0.7	137,589	100%
	Vernal, UT	3.3	0.0	29,885	100%
Vermont	Statewide	11.6	1.9	621,270	100%
	Barre, VT	10.2	1.7	58,829	100%
	Bennington, VT	11.0	0.0	36,382	100%
	Burlington-South Burlington, VT	10.6	1.9	208,460	100%
	Rutland, VT	11.1	1.6	63,331	100%
Virginia	Statewide	7.0	1.6	7,769,089	100%
	Blacksburg-Christiansburg-Radford, VA	17.7	0.0	158,328	100%
	Charlottesville, VA	3.6	1.5	194,391	100%
	Culpeper, VA	13.0	2.2	46,203	100%
	Danville, VA	10.4	0.0	105,783	100%
	Harrisonburg, VA	2.5	2.5	118,409	100%
	Lynchburg, VA	4.1	0.8	245,809	100%
	Martinsville, VA	27.2	4.3	69,859	100%
	Richmond, VA	7.8	1.1	1,225,626	100%
	Roanoke, VA	12.4	3.0	298,108	100%
	Staunton-Waynesboro, VA	13.7	2.6	117,170	100%
	Virginia Beach-Norfolk-Newport News, VA-NC	6.2	1.1	1,634,109	99%
	Winchester, VA-WV	11.4	4.1	122,369	100%
Washington	Seattle-Tacoma-Bellevue, WA	17.0	2.1	3,344,813	100%
	King County	16.3	2.0	1,875,519	100%
	Pierce County	19.1	2.9	785,639	100%
	Snohomish County	16.7	1.5	683,655	100%

**Table 2 (continued)****Rates of drug-related deaths and drug-related suicide deaths per 100,000 population, 2008**

State	Area*	Rate of drug-related deaths per 100,000 population†	Rate of drug-related suicide deaths per 100,000 population	Population in participating jurisdictions	Percent of area population covered by participating ME/Cs
West Virginia	Statewide	25.5	2.1	1,814,468	100%
	Beckley, WV	25.2	3.8	79,357	100%
	Bluefield, WV-VA	37.0	0.9	105,287	100%
	Charleston, WV	30.3	2.0	303,944	100%
	<i>Kanawha County</i>	33.5	2.1	191,018	100%
	Clarksburg, WV	18.4	4.3	92,212	100%
	Fairmont, WV	14.2	5.3	56,496	100%
	Huntington-Ashland, WV-KY-OH	31.7	1.5	135,713	48%
	Morgantown, WV	17.7	0.8	118,506	100%
	Oak Hill, WV	23.7	2.2	46,341	100%
	Parkersburg-Marietta-Vienna, WV-OH	13.1	4.0	99,111	62%
	Point Pleasant, WV-OH	23.4	0.0	25,678	45%
	Weirton-Steubenville, WV-OH	24.3	0.0	53,528	44%
	Wheeling, WV-OH	14.3	1.3	76,872	53%
Wisconsin	Milwaukee-Waukesha-West Allis, WI	18.9	1.0	953,328	62%

\* Names in italics are submetropolitan areas within the larger metropolitan statistical area.

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

NOTE: ME/Cs = medical examiners and coroners.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

**Table 3**

**Rates of drug-related deaths and percentage change, 2007 and 2008**

State	Area*	Rate of drug-related deaths per 100,000 population, 2007†	Rate of drug-related deaths per 100,000 population, 2008†	Percent change in rate, 2007 to 2008	Population in participating jurisdictions, 2008	Percent of area population covered by participating ME/Cs, 2008
Alabama	Birmingham-Hoover, AL	17.5	12.1	-30.5	659,503	59%
Arizona	Phoenix-Mesa-Scottsdale, AZ	17.3	16.9	-2.0	3,954,598	92%
Arkansas	Fort Smith, AR-OK	15.5	16.5	6.7	90,836	31%
California	Los Angeles-Long Beach-Santa Ana, CA	10.0	9.4	-6.3	9,862,049	77%
	San Diego-Carlsbad-San Marcos, CA	12.0	12.7	5.9	3,001,072	100%
	San Francisco-Oakland-Fremont, CA	13.9	12.8	-7.5	2,800,163	66%
	Contra Costa County	8.1	9.4	16.6	1,029,703	100%
	<i>San Francisco-San Mateo-Redwood City, CA</i>	17.2	14.8	-14.1	1,770,460	100%
	San Francisco County	28.8	22.4	-22.3	808,976	100%
Colorado	Denver-Aurora-Broomfield, CO	NC	NC	NC	2,492,565	99%
	Arapahoe County	15.6	13.7	-12.4	554,282	100%
	Denver County	29.7	30.1	1.3	598,707	100%
District of Columbia	Washington-Arlington-Alexandria, DC-VA-MD-WV	NC	NC	NC	5,358,130	100%
	District of Columbia	36.4	29.2	-19.7	591,833	100%
	Prince George's County	7.3	7.3	0.5	820,852	100%
Florida	Miami-Fort Lauderdale-Pompano Beach, FL	NC	NC	NC	3,663,538	68%
	Miami-Dade County	NC	NC	NC	2,398,245	100%
	Palm Beach County	NC	NC	NC	1,265,293	100%
Georgia	Atlanta-Sandy Springs-Marietta, GA	8.2	9.1	10.7	2,240,915	42%
	Fulton County	10.3	12.0	17.0	1,014,932	100%
Illinois	Chicago-Naperville-Joliet, IL-IN-WI	9.2	9.7	6.0	8,758,561	92%
	Cook County	10.3	10.7	4.0	5,294,664	100%
	Lake County	10.8	11.2	4.4	712,453	100%
Indiana	Indianapolis-Carmel, IN	12.0	16.4	37.0	1,019,538	59%
	Marion County	12.0	16.8	40.3	880,380	100%
Kentucky	Louisville-Jefferson County, KY-IN	NC	NC	NC	713,877	57%
Louisiana	New Orleans-Metairie-Kenner, LA	25.3	19.4	-23.2	555,998	49%
	Jefferson Parish	27.3	20.6	-24.3	436,181	100%
Maine	Statewide	10.0	11.4	13.5	1,316,456	100%
	Augusta-Waterville, ME	12.4	7.4	-40.1	120,959	100%
	Bangor, ME	9.4	14.8	57.0	148,651	100%
	Lewiston-Auburn, ME	8.4	15.0	77.5	106,877	100%
	Portland-South Portland-Biddeford, ME	10.7	13.8	28.7	514,065	100%
	Rockland, ME	14.7	12.3	-16.6	40,686	100%

**Table 3 (continued)**

**Rates of drug-related deaths and percentage change, 2007 and 2008**

State	Area*	Rate of drug-related deaths per 100,000 population, 2007†	Rate of drug-related deaths per 100,000 population, 2008†	Percent change in rate, 2007 to 2008	Population in participating jurisdictions, 2008	Percent of area population covered by participating ME/Cs, 2008
Maryland	Statewide	14.6	11.6	-20.7	5,633,597	100%
	Baltimore-Towson, MD	20.9	15.6	-25.5	2,667,117	100%
	Anne Arundel County	12.3	12.3	-0.4	512,790	100%
	Baltimore City	49.7	30.0	-39.6	636,919	100%
	Baltimore County	13.7	11.8	-13.9	785,618	100%
	Cambridge, MD	15.7	12.5	-20.4	31,998	100%
	Cumberland, MD-WV	NC	NC	NC	99,033	100%
	Easton, MD	22.1	22.1	-0.2	36,215	100%
	Hagerstown-Martinsburg, MD-WV	NC	NC	NC	263,753	100%
	Lexington Park, MD	5.0	12.8	156.6	101,578	100%
	Ocean Pines, MD	22.3	20.3	-9.1	49,274	100%
	Salisbury, MD	12.6	12.5	-0.7	120,165	100%
Massachusetts	Statewide	15.8	14.1	-10.7	6,497,967	100%
	Barnstable Town, MA	18.5	13.6	-26.5	221,049	100%
	Boston-Cambridge-Quincy, MA-NH	15.5	12.9	-16.8	4,522,858	100%
	Essex County	19.2	12.5	-35.1	736,457	100%
	Middlesex County	12.0	10.8	-9.9	1,482,478	100%
	Norfolk County	11.1	11.7	4.8	659,909	100%
	Plymouth County	13.7	13.6	-0.5	492,066	100%
	Suffolk County	26.3	20.9	-20.5	732,684	100%
	Pittsfield, MA	9.2	10.0	8.9	129,395	100%
	Springfield, MA	16.9	14.8	-12.1	687,558	100%
	Hampden County	20.0	17.8	-10.9	460,840	100%
	Worcester, MA	13.0	14.4	10.5	783,806	100%
Michigan	Detroit-Warren-Livonia, MI	NC	NC	NC	3,132,061	71%
	Macomb County	15.7	17.6	12.1	830,663	100%
	Wayne County	21.1	21.8	3.3	1,949,929	100%
Minnesota	Brainerd, MN	NC	NC	NC	28,732	32%
	Minneapolis-St. Paul-Bloomington, MN-WI	7.1	8.2	15.5	2,661,495	82%
	Hennepin County	8.6	8.6	0.2	1,140,988	100%
	Ramsey County	11.2	13.4	19.0	501,428	100%
Missouri	Kansas City, MO-KS	10.6	12.4	16.8	1,068,449	53%
	Jackson County	10.8	13.3	23.2	668,417	100%
	St. Louis, MO-IL	11.1	12.1	9.0	2,388,574	85%
	St. Louis City	24.7	21.7	-12.2	354,361	100%
	St. Louis County	10.2	10.9	7.1	991,830	100%

**Table 3 (continued)**

**Rates of drug-related deaths and percentage change, 2007 and 2008**

State	Area*	Rate of drug-related deaths per 100,000 population, 2007†	Rate of drug-related deaths per 100,000 population, 2008†	Percent change in rate, 2007 to 2008	Population in participating jurisdictions, 2008	Percent of area population covered by participating ME/Cs, 2008
New Hampshire	Statewide	12.6	9.3	-26.1	1,315,809	100%
	Berlin, NH-VT	20.6	13.0	-36.9	38,471	100%
	Claremont, NH	4.7	9.4	99.9	42,591	100%
	Concord, NH	16.2	10.1	-37.5	148,161	100%
	Keene, NH	7.8	2.6	-66.6	77,170	100%
	Laconia, NH	22.9	13.1	-43.1	61,281	100%
	Lebanon, NH-VT	12.9	14.0	8.9	171,404	100%
	Manchester-Nashua, NH	10.0	9.9	-0.2	402,042	100%
New Mexico	Statewide	21.1	22.0	4.5	1,984,356	100%
	Alamogordo, NM	11.2	12.7	14.3	62,776	100%
	Albuquerque, NM	25.8	27.1	4.9	845,913	100%
	Bernalillo County	29.9	31.6	5.7	635,139	100%
	Carlsbad-Artesia, NM	17.7	25.3	43.3	51,360	100%
	Clovis, NM	15.6	11.4	-26.5	43,755	100%
	Deming, NM	11.2	0.0	NP	27,227	100%
	Española, NM	61.4	61.4	0.0	40,692	100%
	Farmington, NM	15.5	11.4	-26.5	122,500	100%
	Gallup, NM	10.0	14.1	41.4	70,724	100%
	Grants, NM	11.0	18.3	66.3	27,285	100%
	Hobbs, NM	20.7	23.7	14.4	59,155	100%
	Las Cruces, NM	12.6	13.4	6.1	201,603	100%
	Las Vegas, NM	27.9	35.0	25.3	28,558	100%
	Los Alamos, NM	10.8	11.0	1.9	18,150	100%
	Portales, NM	20.9	0.0	NP	18,889	100%
	Roswell, NM	11.2	17.4	55.6	63,060	100%
	Ruidoso, NM	29.0	4.8	-83.4	20,793	100%
	Santa Fe, NM	19.7	18.8	-4.6	143,937	100%
	Silver City, NM	16.8	30.2	79.1	29,844	100%
Taos, NM	34.9	28.5	-18.3	31,546	100%	

**Table 3 (continued)**

**Rates of drug-related deaths and percentage change, 2007 and 2008**

State	Area*	Rate of drug-related deaths per 100,000 population, 2007†	Rate of drug-related deaths per 100,000 population, 2008†	Percent change in rate, 2007 to 2008	Population in participating jurisdictions, 2008	Percent of area population covered by participating ME/Cs, 2008
New York	Buffalo-Niagara Falls, NY	7.8	10.1	28.7	1,124,309	100%
	Erie County	7.7	9.9	28.9	909,845	100%
	New York-Northern New Jersey-Long Island, NY-NJ-PA	NC	NC	NC	11,115,006	58%
	<i>NY Suburban, NY</i>	NC	NC	NC	1,611,468	38%
	Suffolk County	12.1	12.4	2.7	1,512,224	100%
	<i>NYC 5 Boroughs, NY</i>	8.8	9.7	10.5	8,363,710	100%
	Bronx County	13.8	13.6	-1.5	1,391,903	100%
	Kings County	7.7	9.1	18.2	2,556,598	100%
	New York County	9.8	9.4	-4.3	1,634,795	100%
	Queens County	6.1	7.5	21.3	2,293,007	100%
	Richmond County	8.9	13.3	49.8	487,407	100%
<i>Newark-Edison, NJ-PA</i>	8.1	9.1	12.7	1,139,828	18%	
North Dakota	Fargo, ND-MN	8.3	3.6	-57.1	195,685	100%
	Grand Forks, ND-MN	NC	NC	NC	30,694	32%
Ohio	Cleveland-Elyria-Mentor, OH	15.3	17.5	14.6	1,283,925	61%
Oklahoma	Statewide	15.0	16.0	6.4	3,642,361	100%
	Ada, OK	16.4	13.5	-17.8	36,999	100%
	Altus, OK	11.7	0.0	NP	25,236	100%
	Ardmore, OK	14.1	17.5	23.8	57,134	100%
	Bartlesville, OK	6.0	9.9	64.4	50,452	100%
	Duncan, OK	16.2	18.4	13.6	43,498	100%
	Durant, OK	22.9	24.9	8.9	40,109	100%
	Elk City, OK	28.9	23.7	-18.0	21,136	100%
	Enid, OK	3.5	13.8	295.4	58,167	100%
	Guymon, OK	10.1	14.8	47.1	20,283	100%
	Lawton, OK	8.8	10.7	22.3	111,772	100%
	McAlester, OK	17.9	11.1	-38.2	45,115	100%
	Miami, OK	6.2	15.7	153.7	31,849	100%
	Muskogee, OK	16.9	33.7	99.3	71,278	100%
	Oklahoma City, OK	15.2	14.1	-7.4	1,206,142	100%
	Oklahoma County	20.3	15.3	-24.8	706,617	100%
	Ponca City, OK	6.6	11.0	67.0	45,632	100%
	Shawnee, OK	13.0	23.0	76.8	69,616	100%
	Stillwater, OK	6.4	7.7	19.1	78,280	100%
	Tahlequah, OK	24.4	37.2	52.4	45,733	100%
	Tulsa, OK	20.8	19.4	-6.5	916,079	100%
Tulsa County	24.3	20.1	-17.3	591,982	100%	
Woodward, OK	0.0	15.1	NP	19,838	100%	

Table 3 (continued)

## Rates of drug-related deaths and percentage change, 2007 and 2008

State	Area*	Rate of drug-related deaths per 100,000 population, 2007†	Rate of drug-related deaths per 100,000 population, 2008†	Percent change in rate, 2007 to 2008	Population in participating jurisdictions, 2008	Percent of area population covered by participating ME/Cs, 2008
Oregon	Statewide	10.1	12.2	20.7	3,790,060	100%
	Albany-Lebanon, OR	7.1	5.2	-26.5	115,348	100%
	Astoria, OR	16.1	10.7	-33.5	37,404	100%
	Bend, OR	9.1	13.9	52.5	158,456	100%
	Brookings, OR	13.8	4.6	-66.3	21,523	100%
	Coos Bay, OR	15.8	3.2	-80.0	63,453	100%
	Corvallis, OR	1.2	3.7	197.4	81,859	100%
	Eugene-Springfield, OR	9.6	14.4	49.9	346,560	100%
	Grants Pass, OR	7.4	4.9	-33.9	81,618	100%
	Hood River, OR	0.0	13.9	NP	21,536	100%
	Klamath Falls, OR	1.5	13.5	799.8	66,425	100%
	La Grande, OR	4.0	0.0	NP	24,961	100%
	Medford, OR	12.1	15.4	27.8	201,138	100%
	Ontario, OR-ID	3.2	9.7	201.0	30,907	57%
	Pendleton-Hermiston, OR	3.6	8.3	132.5	84,666	100%
	Portland-Vancouver-Beaverton, OR-WA	11.6	13.7	17.6	1,771,935	80%
	Multnomah County	23.0	25.2	9.4	714,567	100%
	Prineville, OR	0.0	8.7	NP	23,023	100%
	Roseburg, OR	14.4	6.7	-53.4	104,059	100%
	Salem, OR	9.1	10.5	15.2	391,680	100%
The Dalles, OR	0.0	21.0	NP	23,775	100%	
Pennsylvania	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	18.8	19.7	4.7	3,500,631	60%
	Delaware County	14.8	19.3	30.4	553,619	100%
	Montgomery County	9.0	9.8	8.2	778,048	100%
	Philadelphia County	28.8	30.5	6.1	1,447,395	100%
Rhode Island	Statewide	NC	NC	NC	1,050,788	100%
	Providence-New Bedford-Fall River, RI-MA	NC	NC	NC	1,596,611	100%
	Bristol County	17.6	19.4	10.3	545,823	100%
	Providence County	NC	NC	NC	626,150	100%
South Dakota	Sioux Falls, SD	1.1	0.6	-51.1	179,180	77%
Tennessee	Kingsport-Bristol-Bristol, TN-VA	8.6	12.9	49.5	93,312	31%
Texas	Dallas-Fort Worth-Arlington, TX	6.0	5.8	-3.9	1,398,567	22%
	Houston-Sugar Land-Baytown, TX	14.7	11.3	-23.1	3,984,349	70%



**Table 3 (continued)**

**Rates of drug-related deaths and percentage change, 2007 and 2008**

State	Area*	Rate of drug-related deaths per 100,000 population, 2007†	Rate of drug-related deaths per 100,000 population, 2008†	Percent change in rate, 2007 to 2008	Population in participating jurisdictions, 2008	Percent of area population covered by participating ME/Cs, 2008
Utah	Statewide	17.4	15.1	-13.4	2,736,424	100%
	Brigham City, UT	18.8	12.2	-35.0	49,015	100%
	Cedar City, UT	18.4	13.5	-26.8	44,540	100%
	Heber, UT	24.5	9.5	-61.2	21,066	100%
	Logan, UT-ID	9.2	7.1	-22.6	112,616	90%
	Ogden-Clearfield, UT	15.8	17.9	12.8	531,488	100%
	Price, UT	25.5	5.1	-79.9	19,549	100%
	Provo-Orem, UT	15.7	10.9	-30.4	540,820	100%
	Salt Lake City, UT	20.3	17.6	-13.3	1,115,692	100%
	Salt Lake County	20.6	17.8	-13.6	1,022,651	100%
	St. George, UT	10.5	12.4	17.8	137,589	100%
Vernal, UT	10.4	3.3	-67.7	29,885	100%	
Vermont	Statewide	10.1	11.6	14.2	621,270	100%
	Barre, VT	11.9	10.2	-14.3	58,829	100%
	Bennington, VT	2.7	11.0	300.3	36,382	100%
	Burlington-South Burlington, VT	8.7	10.6	21.5	208,460	100%
	Rutland, VT	20.5	11.1	-46.0	63,331	100%
Virginia	Statewide	5.9	7.0	17.3	7,769,089	100%
	Blacksburg-Christiansburg-Radford, VA	13.3	17.7	32.5	158,328	100%
	Charlottesville, VA	5.2	3.6	-30.8	194,391	100%
	Culpeper, VA	8.8	13.0	48.0	46,203	100%
	Danville, VA	7.6	10.4	37.7	105,783	100%
	Harrisonburg, VA	4.3	2.5	-40.5	118,409	100%
	Lynchburg, VA	5.3	4.1	-23.8	245,809	100%
	Martinsville, VA	12.9	27.2	111.6	69,859	100%
	Richmond, VA	4.2	7.8	84.1	1,225,626	100%
	Roanoke, VA	7.1	12.4	75.2	298,108	100%
	Staunton-Waynesboro, VA	6.0	13.7	126.6	117,170	100%
Virginia Beach-Norfolk-Newport News, VA-NC	6.7	6.2	-7.2	1,634,109	99%	
Winchester, VA-WV	NC	NC	NC	122,369	100%	
Washington	Seattle-Tacoma-Bellevue, WA	15.0	17.0	13.6	3,344,813	100%
	King County	17.0	16.3	-4.5	1,875,519	100%
	Pierce County	13.7	19.1	39.3	785,639	100%
	Snohomish County	10.8	16.7	54.1	683,655	100%

**Table 3 (continued)**

**Rates of drug-related deaths and percentage change, 2007 and 2008**

State	Area*	Rate of drug-related deaths per 100,000 population, 2007 <sup>†</sup>	Rate of drug-related deaths per 100,000 population, 2008 <sup>†</sup>	Percent change in rate, 2007 to 2008	Population in participating jurisdictions, 2008	Percent of area population covered by participating ME/Cs, 2008
West Virginia	Statewide	NC	NC	NC	1,814,468	100%
	Beckley, WV	NC	NC	NC	79,357	100%
	Bluefield, WV-VA	NC	NC	NC	105,287	100%
	Charleston, WV	NC	NC	NC	303,944	100%
	<i>Kanawha County</i>	NC	NC	NC	191,018	100%
	Clarksburg, WV	NC	NC	NC	92,212	100%
	Fairmont, WV	NC	NC	NC	56,496	100%
	Huntington-Ashland, WV-KY-OH	NC	NC	NC	135,713	48%
	Morgantown, WV	NC	NC	NC	118,506	100%
	Oak Hill, WV	NC	NC	NC	46,341	100%
	Parkersburg-Marietta-Vienna, WV-OH	NC	NC	NC	99,111	62%
	Point Pleasant, WV-OH	NC	NC	NC	25,678	45%
	Weirton-Steubenville, WV-OH	NC	NC	NC	53,528	44%
	Wheeling, WV-OH	NC	NC	NC	76,872	53%
Wisconsin	Milwaukee-Waukesha-West Allis, WI	18.7	18.9	0.9	953,328	62%

\* Names in italics are submetropolitan areas within the larger metropolitan statistical area.

<sup>†</sup> Drug-related deaths exclude drug-related suicide deaths.

**NOTE:** ME/Cs = medical examiners and coroners. NC = no rate calculated because different jurisdictions participated in 2007 and 2008. NP = no percent change calculated, as there were no deaths in one or both years.

**SOURCE:** Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

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## DESCRIPTION OF PROFILES

**D**AWN mortality data are reported for metropolitan and micropolitan areas<sup>6</sup> with 30 or more drug-related deaths and participating ME/Cs covering more than 50 percent of the area population, 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 a brief 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 “county profile.”<sup>7</sup>

Among the 153 metropolitan areas, full profiles are provided for 46 metropolitan areas. Brief profiles are provided for 107 metropolitan areas that either submitted 30 or fewer drug-related deaths or had less than 50 percent population coverage. County profiles are provided for 50 individual counties. About one third of the nation’s population is covered by the ME/Cs participating in DAWN.

The profiles are arranged by State, by metropolitan area within the State, and then by county within the metropolitan area. In several of the larger metropolitan areas, profiles are also provided for subareas within the metropolitan area that may be of interest. For example, while the New York metropolitan area spans multiple counties in New York, New Jersey, and Pennsylvania, a profile was developed just for New York City’s 5 Boroughs.

The Contents to this publication lists the profiles in the order in which they appear.

### 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.

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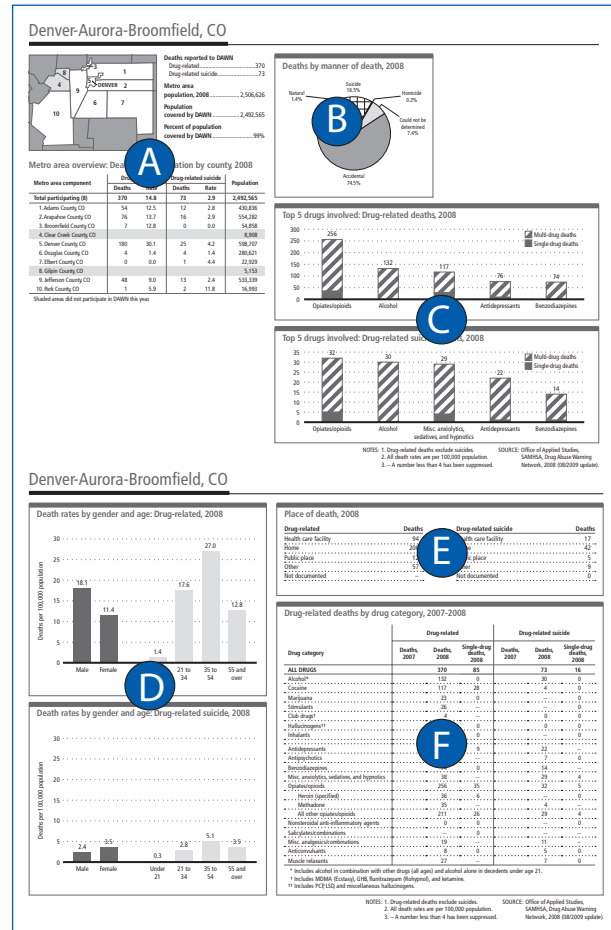
<sup>6</sup> For brevity, when this publication refers to metropolitan areas, the term includes both metropolitan and micropolitan areas.

<sup>7</sup> If a metropolitan area has only one participating county, a separate profile is not provided for the county, as the reported data would be identical to that provided for the metropolitan area.

Both participating and nonparticipating jurisdictions are shown in the map. Jurisdictions that provided mortality data for 2008 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 and micropolitan area definitions used in this publication are those established by the Office of Management and Budget (OMB) in 2003, based on the 2000 decennial U.S. Census and updated by OMB annually since then.<sup>8</sup> By OMB convention, the name of each metropolitan statistical area (MSA) reflects the largest population centers (i.e., cities) in that MSA. If the relative population sizes of cities in an MSA change (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. Other changes issued by OMB include the adding or deleting of a metropolitan or micropolitan area and changes in the composition of areas. This publication aggregates data and reports on all metropolitan and micropolitan areas identified by OMB at the end of the data collection year and for which DAWN has data from at least one participating ME/C.

**Figure 1. Sample metropolitan area profile layout**



Next to the map, the following items appear:

- Total number of drug-related deaths (excluding suicide deaths), and the number of drug-related suicide deaths reported by participating jurisdictions;
- Total population of the area;
- Population covered by participating jurisdictions; and
- Percentage of population residing in participating jurisdictions.<sup>9</sup>

<sup>8</sup> Office of Management and Budget (OMB), 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>.) Updates describing new metropolitan or micropolitan areas and changes to existing area are provided annually by OMB. (Available at [http://www.whitehouse.gov/omb/bulletins\\_default](http://www.whitehouse.gov/omb/bulletins_default).)

<sup>9</sup> Population estimates for 2007 and 2008 were obtained from the U.S. Census Bureau County-Level Population Estimates (CPOP file), Vintage 2008, released August 6, 2009. (Available at <http://www.census.gov/popest/estimates.html>.)

## Table A: Metro area overview: Deaths and population by county, 2008

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, 2008

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

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

**Figure C: Top 5 drugs involved: Drug-related deaths, 2008**  
**Top 5 drugs involved: Drug-related suicide deaths, 2008**

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 deaths, 2008**  
**Death rates by gender and age: Drug-related suicide deaths, 2008**

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, 2008**

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, 2007-2008**

Table F reports, by drug type or drug, the count of drug-related deaths and drug-related suicide deaths for 2007 and 2008. 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 2007 and 2008 are reported when the same jurisdictions participated in both years. If comparable data for 2007 are not available (e.g., the State of West Virginia did not participate in 2007) or are not comparable to those shown for 2008 (e.g., in the Denver metropolitan area, Broomfield and Park counties participated in 2008 but not in 2007), the 2007 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-drug 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:<sup>10</sup>

- **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 lysergic acid diethylamide (LSD) or methamphetamine. Such differences limit comparisons with other sources.
- **Hallucinogens**, which include LSD, phencyclidine (PCP), and miscellaneous hallucinogens, such as psilocybin.
- **Inhalants**, which include anesthetic gases and psychoactive nonpharmaceutical substances 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.

<sup>10</sup>The classification of drugs used by DAWN is derived from the Multum *Lexicon*, © 2010, 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 A. (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.<sup>11</sup> The subdivisions are the following:
  - **Heroin (specified)**, which includes heroin reported by name or its specific metabolites;<sup>12</sup>
  - **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.”<sup>13</sup>
- **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 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.

## Brief 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, a brief profile is provided for the area. In contrast to full profiles, brief profiles include only a map and Table A (see above).

<sup>11</sup> 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.

<sup>12</sup> 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.

<sup>13</sup> 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.



## County profiles

County profiles 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. County profiles 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 county profile may not be needed. Such is the case when a metropolitan area contains only one county or had only one county participating in DAWN.

County profiles have essentially the same format as the full metropolitan area profile. County profiles 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

Twelve statewide ME/C systems participated in DAWN in 2008. A full profile is provided for each of the following States:

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

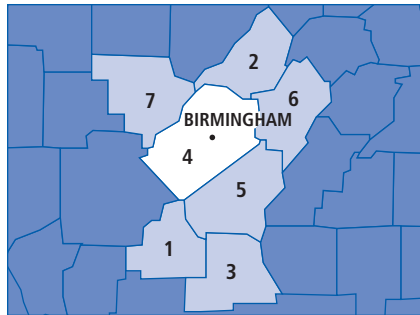
A Glossary of Terms used in this report appears in Appendix B. Additional detail on the DAWN data collection methodology is provided in Appendix C.



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## PROFILES

# Birmingham-Hoover, AL



**Deaths reported to DAWN**  
 Drug-related.....80  
 Drug-related suicide.....5

**Metro area population, 2008**..... 1,117,608

**Population covered by DAWN**..... 659,503

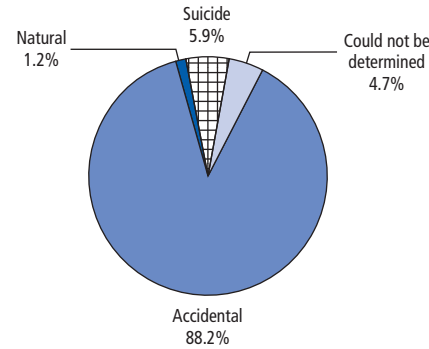
**Percent of population covered by DAWN**..... 59%

## Metro area overview: Deaths and population by county, 2008

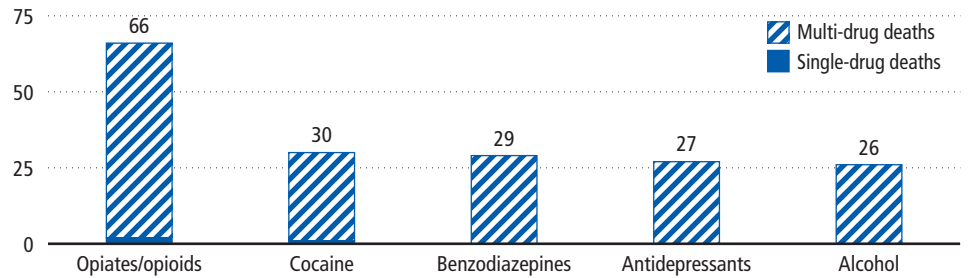
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>80</b>	<b>12.1</b>	<b>5</b>	<b>0.8</b>	<b>659,503</b>
1. Bibb County, AL					21,629
2. Blount County, AL					57,441
3. Chilton County, AL					42,444
4. Jefferson County, AL	80	12.1	5	0.8	659,503
5. Shelby County, AL					187,784
6. St. Clair County, AL					79,837
7. Walker County, AL					68,970

Shaded areas did not participate in DAWN this year.

## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

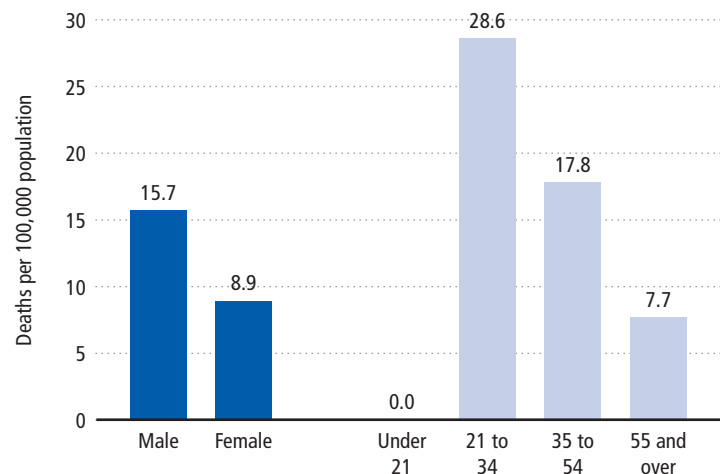
No single drug had 4 or more deaths.

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.

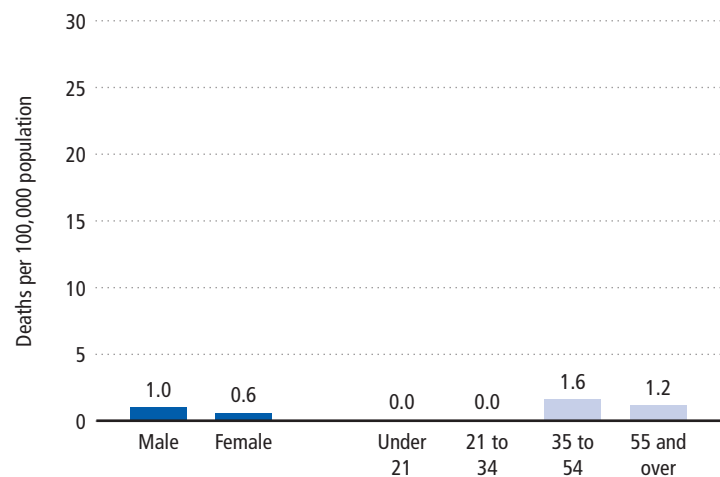
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Birmingham-Hoover, AL

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	6	Health care facility	0
Home	55	Home	4
Public place	13	Public place	0
Other	5	Other	--
Not documented	--	Not documented	0

**Drug-related deaths by drug category, 2007-2008**

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>115</b>	<b>80</b>	<b>--</b>	<b>7</b>	<b>5</b>	<b>0</b>
Alcohol*	24	26	--	--	--	--
Cocaine	55	30	--	0	0	--
Marijuana	0	0	--	0	0	--
Stimulants	--	--	--	0	0	--
Club drugs†	0	0	--	0	0	--
Hallucinogens††	0	0	--	0	0	--
Inhalants	0	0	--	0	0	--
Antidepressants	33	27	--	--	--	--
Antipsychotics	5	4	--	0	--	--
Benzodiazepines	35	29	--	0	--	--
Misc. anxiolytics, sedatives, and hypnotics	18	16	--	4	--	--
Opiates/opioids	80	66	--	--	--	--
Heroin (specified)	5	9	--	0	0	--
Methadone	36	35	--	0	--	--
All other opiates/opioids	55	48	--	--	--	--
Nonsteroidal anti-inflammatory agents	0	0	--	0	0	--
Salicylates/combinations	0	0	--	0	0	--
Misc. analgesics/combinations	12	7	--	--	--	--
Anticonvulsants	5	0	--	0	0	--
Muscle relaxants	9	8	--	0	0	--

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

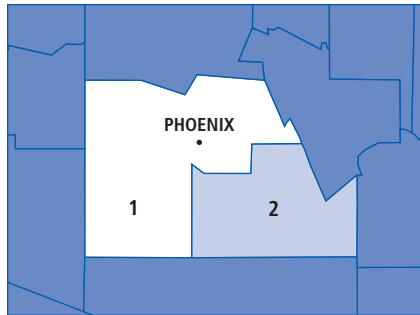
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† 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, 2008 (08/2009 update).

# Phoenix-Mesa-Scottsdale, AZ



**Deaths reported to DAWN**  
 Drug-related.....670  
 Drug-related suicide.....122

**Metro area population, 2008**..... 4,281,899

**Population covered by DAWN**..... 3,954,598

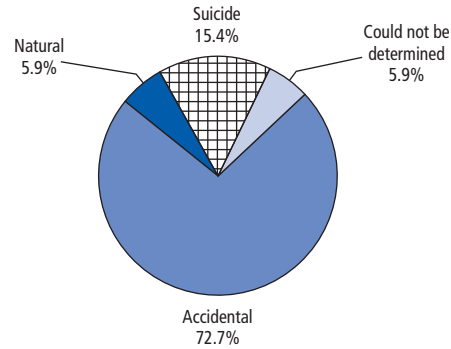
**Percent of population covered by DAWN**..... 92%

## Metro area overview: Deaths and population by county, 2008

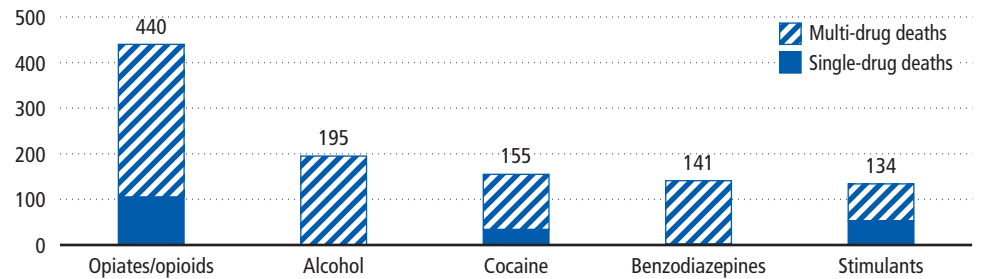
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>670</b>	<b>16.9</b>	<b>122</b>	<b>3.1</b>	<b>3,954,598</b>
1. Maricopa County, AZ	670	16.9	122	3.1	3,954,598
2. Pinal County, AZ					327,301

Shaded areas did not participate in DAWN this year.

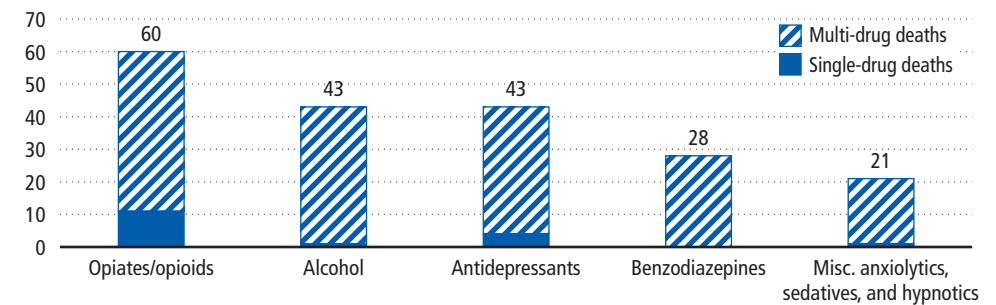
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

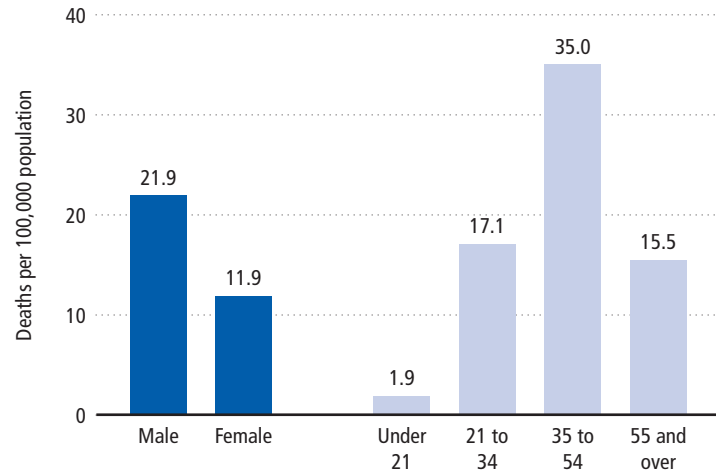


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

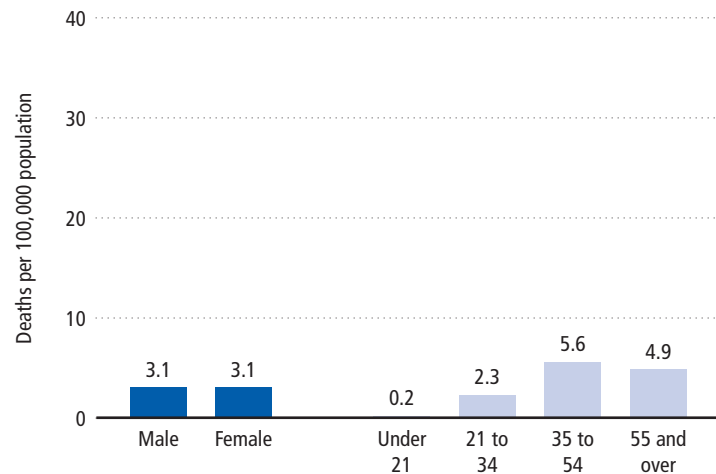
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Phoenix-Mesa-Scottsdale, AZ

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	240	Health care facility	28
Home	328	Home	79
Public place	32	Public place	5
Other	68	Other	10
Not documented	--	Not documented	0

**Drug-related deaths by drug category, 2007-2008**

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>668</b>	<b>670</b>	<b>234</b>	<b>173</b>	<b>122</b>	<b>35</b>
Alcohol*	242	195	0	78	43	--
Cocaine	181	155	34	27	7	0
Marijuana	--	7	--	--	0	0
Stimulants	178	134	53	27	9	4
Club drugs†	6	--	0	--	0	0
Hallucinogens††	7	0	0	--	0	0
Inhalants	6	7	4	7	4	4
Antidepressants	84	111	7	43	43	4
Antipsychotics	27	30	5	17	18	--
Benzodiazepines	66	141	--	29	28	0
Misc. anxiolytics, sedatives, and hypnotics	38	77	--	25	21	--
Opiates/opioids	376	440	105	62	60	11
Heroin (specified)	75	59	15	--	--	0
Methadone	75	97	23	7	4	0
All other opiates/opioids	263	310	67	57	59	11
Nonsteroidal anti-inflammatory agents	--	--	--	--	0	0
Salicylates/combinations	0	--	0	--	0	0
Misc. analgesics/combinations	15	19	--	15	14	5
Anticonvulsants	--	6	0	4	5	--
Muscle relaxants	20	38	0	10	15	0

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

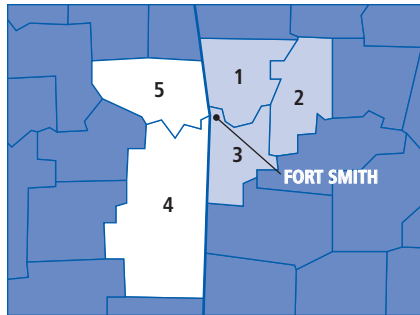
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† 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, 2008 (08/2009 update).

# Fort Smith, AR-OK



<b>Deaths reported to DAWN</b>	
Drug-related.....	15
Drug-related suicide.....	2
<b>Metro area population, 2008.....</b>	
	290,977
<b>Population covered by DAWN.....</b>	
	90,836
<b>Percent of population covered by DAWN.....</b>	
	31%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (2)</b>	<b>15</b>	<b>16.5</b>	<b>2</b>	<b>2.2</b>	<b>90,836</b>
1. Crawford County, AR					59,682
2. Franklin County, AR					18,185
3. Sebastian County, AR					122,274
4. Le Flore County, OK	12	24.1	2	4.0	49,802
5. Sequoyah County, OK	3	7.3	0	0.0	41,034

Shaded areas did not participate in DAWN this year.

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

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).



# Los Angeles-Long Beach-Santa Ana, CA



Deaths reported to DAWN  
 Drug-related.....923  
 Drug-related suicide.....145

Metro area  
 population, 2008..... 12,872,808

Population  
 covered by DAWN..... 9,862,049

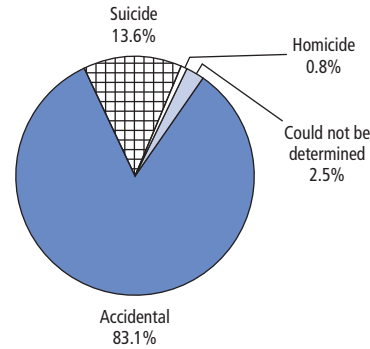
Percent of population  
 covered by DAWN..... 77%

## Metro area overview: Deaths and population by county, 2008

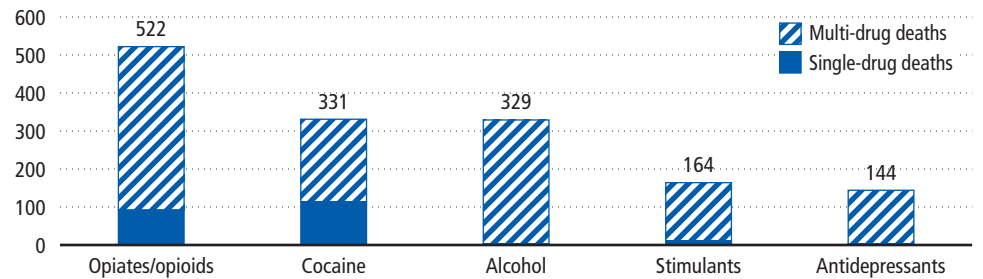
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>923</b>	<b>9.4</b>	<b>145</b>	<b>1.5</b>	<b>9,862,049</b>
1. Los Angeles County, CA	923	9.4	145	1.5	9,862,049
2. Orange County, CA					3,010,759

Shaded areas did not participate in DAWN this year.

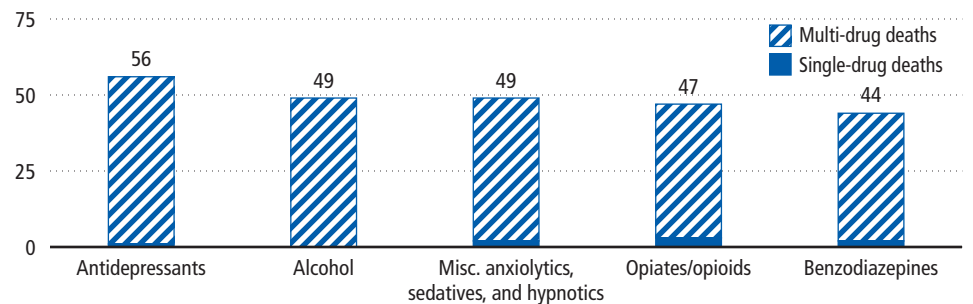
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

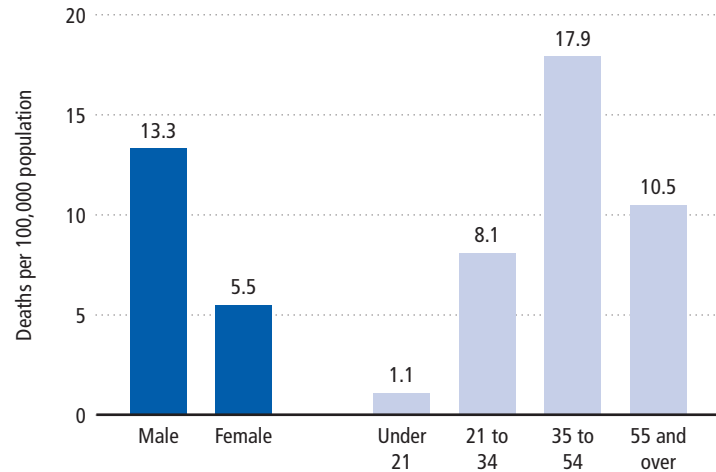


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

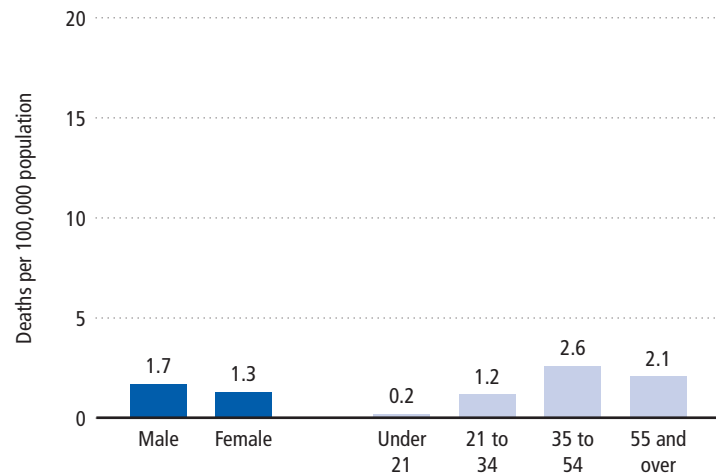
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Los Angeles-Long Beach-Santa Ana, CA

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	244	Health care facility	23
Home	402	Home	83
Public place	129	Public place	11
Other	143	Other	28
Not documented	5	Not documented	0

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>980</b>	<b>923</b>	<b>242</b>	<b>142</b>	<b>145</b>	<b>25</b>
Alcohol*	304	329	--	60	49	0
Cocaine	383	331	114	15	17	--
Marijuana	37	27	--	--	5	--
Stimulants	213	164	11	19	18	4
Club drugs†	7	17	0	0	--	0
Hallucinogens††	11	6	--	--	0	0
Inhalants	--	10	--	7	5	--
Antidepressants	145	144	--	58	56	--
Antipsychotics	52	49	--	18	26	--
Benzodiazepines	122	110	--	34	44	--
Misc. anxiolytics, sedatives, and hypnotics	113	102	--	40	49	--
Opiates/opioids	527	522	92	51	47	--
Heroin (specified)	182	167	45	0	--	0
Methadone	79	69	12	9	4	0
All other opiates/opioids	317	350	35	44	43	--
Nonsteroidal anti-inflammatory agents	7	7	0	--	4	0
Salicylates/combinations	--	0	0	4	0	0
Misc. analgesics/combinations	22	13	--	8	9	--
Anticonvulsants	21	18	0	9	10	0
Muscle relaxants	49	39	--	9	13	0

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

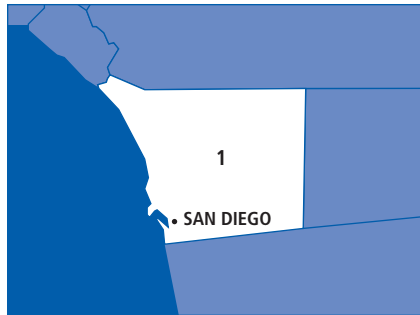
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† 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, 2008 (08/2009 update).

# San Diego-Carlsbad-San Marcos, CA



**Deaths reported to DAWN**  
 Drug-related.....380  
 Drug-related suicide.....84

**Metro area population, 2008**..... 3,001,072

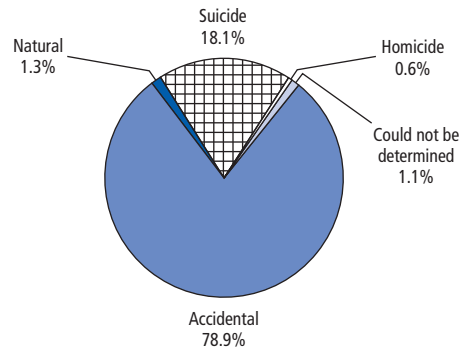
**Population covered by DAWN**..... 3,001,072

**Percent of population covered by DAWN**..... 100%

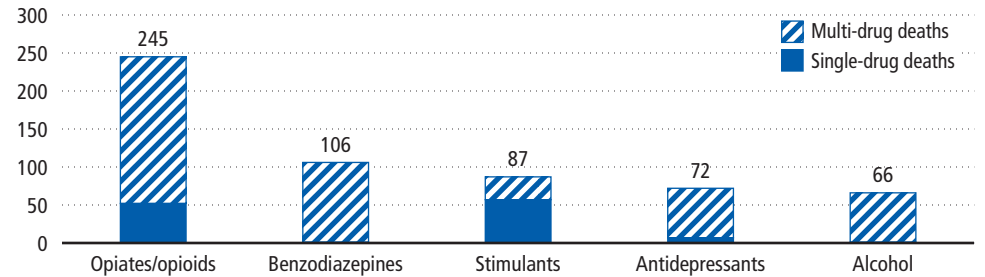
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	380	12.7	84	2.8	3,001,072
1. San Diego County, CA	380	12.7	84	2.8	3,001,072

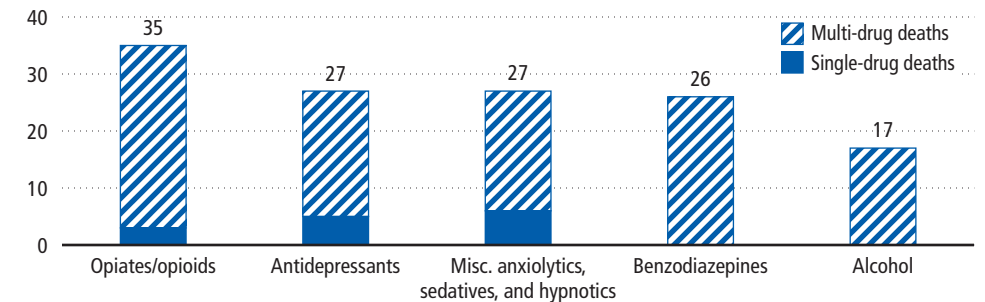
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

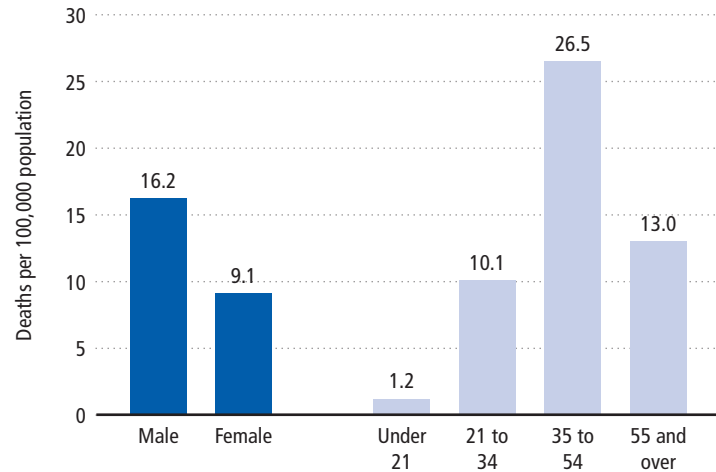


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

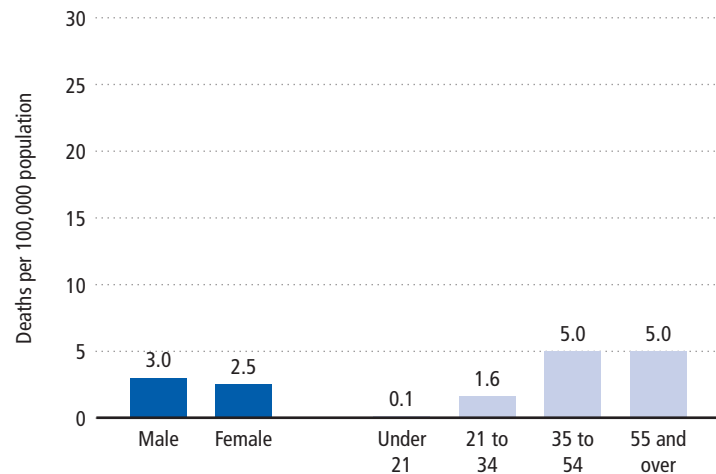
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# San Diego-Carlsbad-San Marcos, CA

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	93	Health care facility	11
Home	212	Home	58
Public place	23	Public place	--
Other	52	Other	13
Not documented	0	Not documented	0

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>354</b>	<b>380</b>	<b>152</b>	<b>91</b>	<b>84</b>	<b>28</b>
Alcohol*	57	66	--	17	17	0
Cocaine	62	49	23	--	--	0
Marijuana	12	--	0	--	0	0
Stimulants	95	87	57	7	--	0
Club drugs†	5	--	0	0	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	--	--	--	5	6	6
Antidepressants	58	72	7	26	27	5
Antipsychotics	22	24	--	17	12	--
Benzodiazepines	91	106	--	31	26	0
Misc. anxiolytics, sedatives, and hypnotics	35	36	0	29	27	6
Opiates/opioids	224	245	52	36	35	--
Heroin (specified)	47	49	24	--	--	0
Methadone	40	52	10	--	4	0
All other opiates/opioids	160	163	18	31	33	--
Nonsteroidal anti-inflammatory agents	--	--	0	--	--	0
Salicylates/combinations	0	0	0	--	--	--
Misc. analgesics/combinations	16	15	0	14	13	0
Anticonvulsants	7	14	--	7	5	0
Muscle relaxants	12	14	--	10	10	0

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

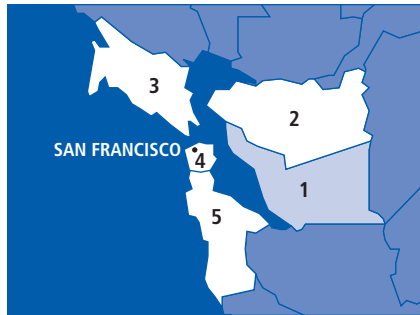
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

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

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# San Francisco-Oakland-Fremont, CA



**Deaths reported to DAWN**  
 Drug-related.....359  
 Drug-related suicide.....67

**Metro area population, 2008**..... 4,274,531

**Population covered by DAWN**..... 2,800,163

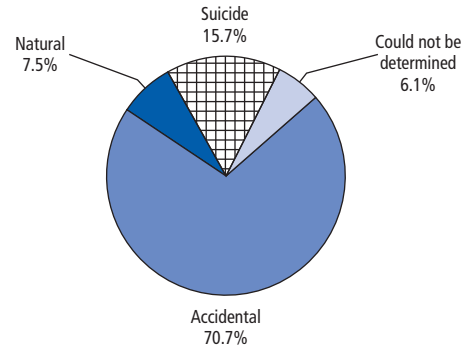
**Percent of population covered by DAWN**..... 66%

## Metro area overview: Deaths and population by county, 2008

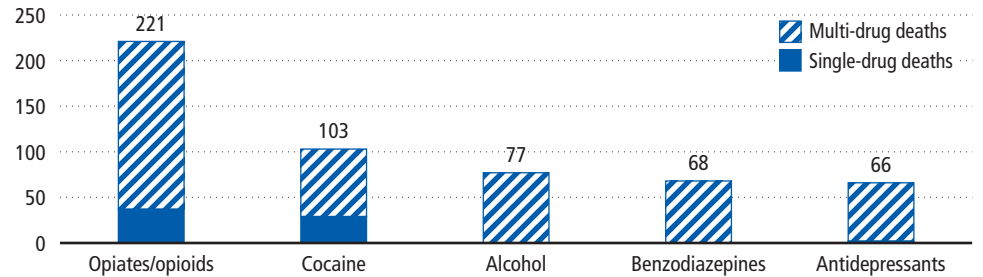
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (4)</b>	<b>359</b>	<b>12.8</b>	<b>67</b>	<b>2.4</b>	<b>2,800,163</b>
1. Alameda County, CA					1,474,368
2. Contra Costa County, CA	97	9.4	23	2.2	1,029,703
3. Marin County, CA	30	12.1	11	4.4	248,794
4. San Francisco County, CA	181	22.4	21	2.6	808,976
5. San Mateo County, CA	51	7.2	12	1.7	712,690

Shaded areas did not participate in DAWN this year.

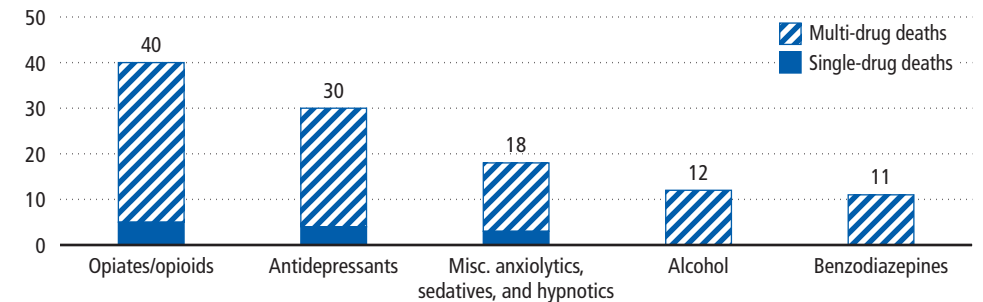
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

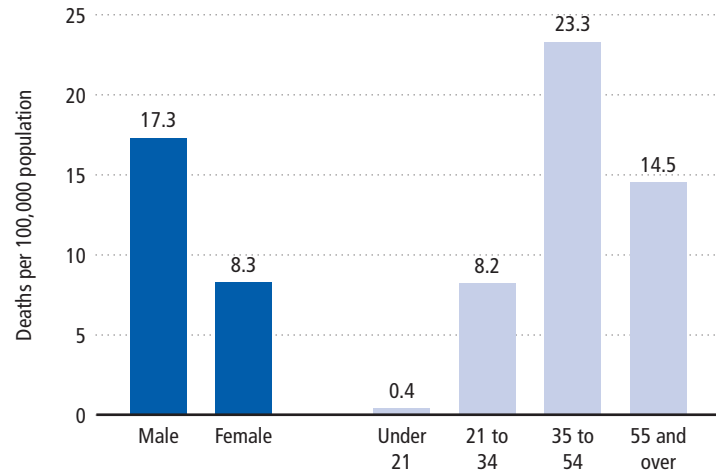


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

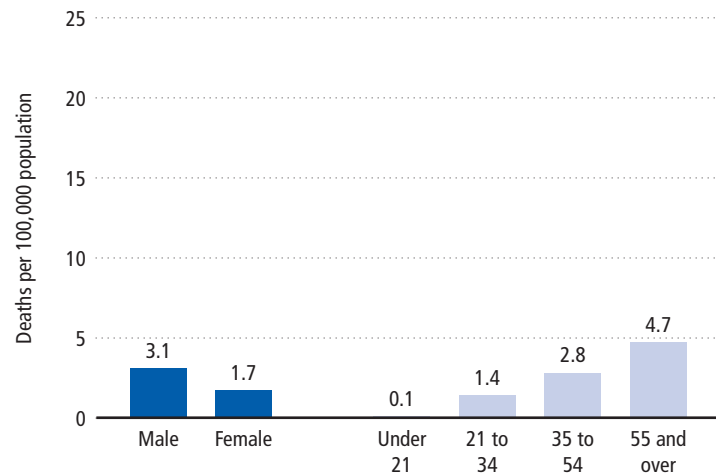
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# San Francisco-Oakland-Fremont, CA

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	69	Health care facility	9
Home	232	Home	51
Public place	29	Public place	4
Other	29	Other	--
Not documented	0	Not documented	0

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>383</b>	<b>359</b>	<b>98</b>	<b>92</b>	<b>67</b>	<b>21</b>
Alcohol*	110	77	0	28	12	0
Cocaine	169	103	29	18	--	0
Marijuana	8	--	0	--	--	0
Stimulants	79	65	20	6	--	0
Club drugs†	10	--	--	--	0	0
Hallucinogens††	--	--	--	--	0	0
Inhalants	--	5	--	--	--	--
Antidepressants	79	66	--	28	30	4
Antipsychotics	21	15	0	10	4	0
Benzodiazepines	57	68	0	18	11	0
Misc. anxiolytics, sedatives, and hypnotics	62	35	--	22	18	--
Opiates/opioids	231	221	37	37	40	5
Heroin (specified)	19	15	--	0	0	0
Methadone	79	83	17	7	7	--
All other opiates/opioids	180	164	18	33	36	4
Nonsteroidal anti-inflammatory agents	--	--	0	0	0	0
Salicylates/combinations	--	0	0	--	0	0
Misc. analgesics/combinations	22	14	0	16	6	--
Anticonvulsants	21	14	0	--	--	0
Muscle relaxants	18	19	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.

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, 2008 (08/2009 update).

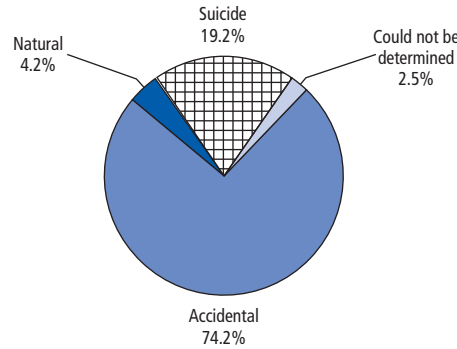
# San Francisco-Oakland-Fremont, CA: Contra Costa County, CA



## Contra Costa County, CA: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	97
Drug-related suicide.....	23
<b>Population .....</b>	<b>1,029,703</b>
<b>Deaths per 100,000 population</b>	
Drug-related.....	9.4
Drug-related suicide.....	2.2

## Deaths by manner of death, 2008



## Place of death, 2008

Drug-related	Deaths
Health care facility	25
Home	57
Public place	11
Other	4
Not documented	0
Drug-related suicide	Deaths
Health care facility	4
Home	16
Public place	--
Other	0
Not documented	0

## Drug-related deaths by drug category, 2007-2008

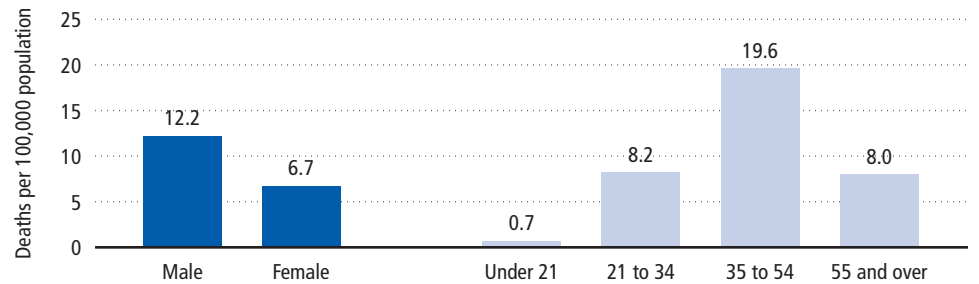
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>82</b>	<b>97</b>	<b>42</b>	<b>19</b>	<b>23</b>	<b>10</b>
Alcohol*	12	25	0	5	--	0
Cocaine	17	17	5	--	--	0
Marijuana	0	0	0	0	0	0
Stimulants	22	26	12	0	--	0
Club drugs†	--	0	0	0	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	0	--	--	0	--	--
Antidepressants	14	13	0	6	10	--
Antipsychotics	0	--	0	0	0	0
Benzodiazepines	6	9	0	--	--	0
Misc. anxiolytics, sedatives, and hypnotics	5	5	--	--	4	--
Opiates/opioids	44	62	20	6	15	--
Heroin (specified)	7	--	--	0	0	0
Methadone	16	23	9	--	--	0
All other opiates/opioids	27	45	10	4	14	--
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
Muscle relaxants	4	7	0	--	--	--

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

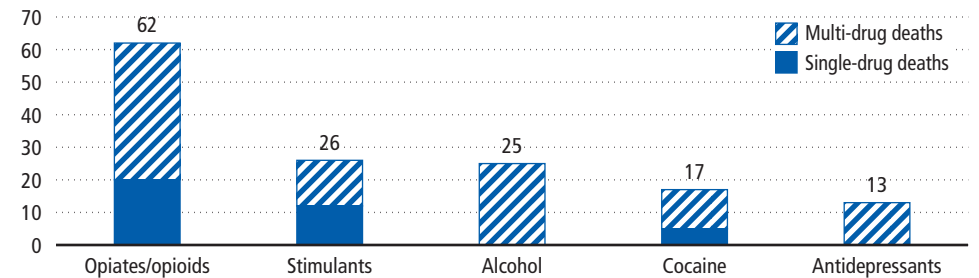
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

# San Francisco-San Mateo-Redwood City, CA

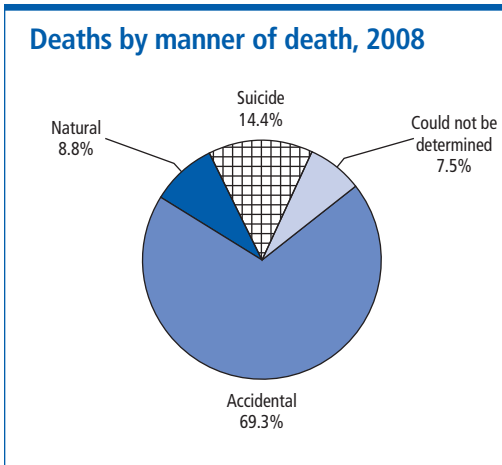


**Deaths reported to DAWN**  
 Drug-related.....262  
 Drug-related suicide.....44

**Metro area population, 2008**..... 1,770,460

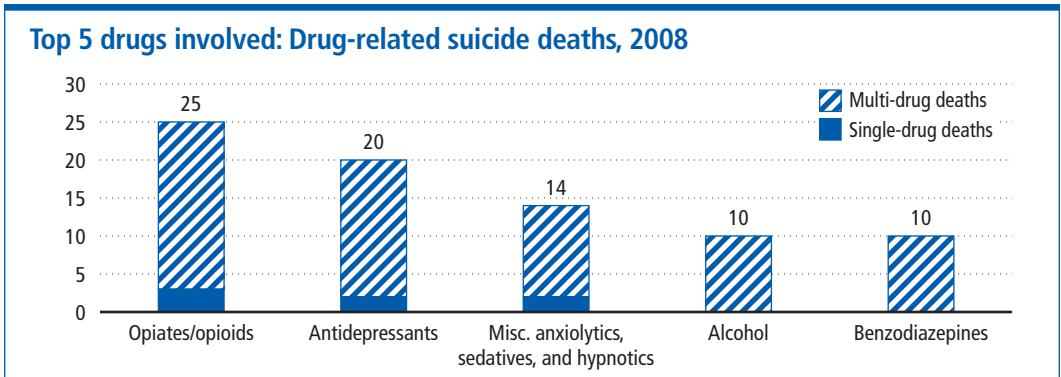
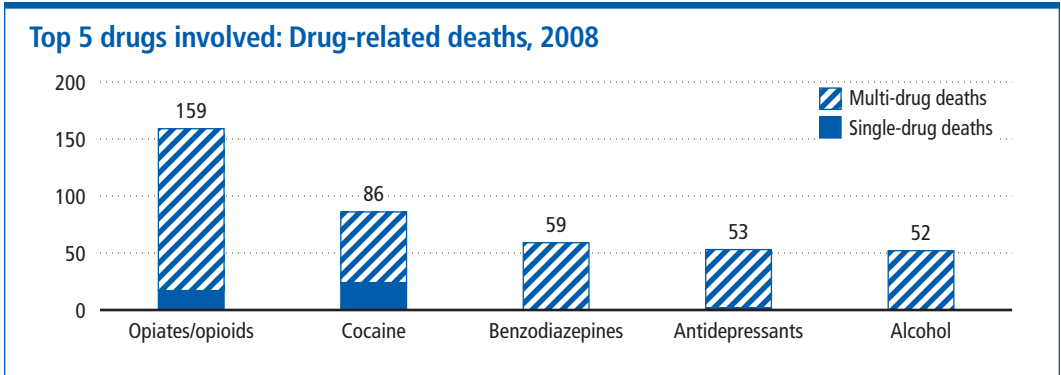
**Population covered by DAWN**..... 1,770,460

**Percent of population covered by DAWN**..... 100%



## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (3)</b>	<b>262</b>	<b>14.8</b>	<b>44</b>	<b>2.5</b>	<b>1,770,460</b>
1. Marin County, CA	30	12.1	11	4.4	248,794
2. San Francisco County, CA	181	22.4	21	2.6	808,976
3. San Mateo County, CA	51	7.2	12	1.7	712,690



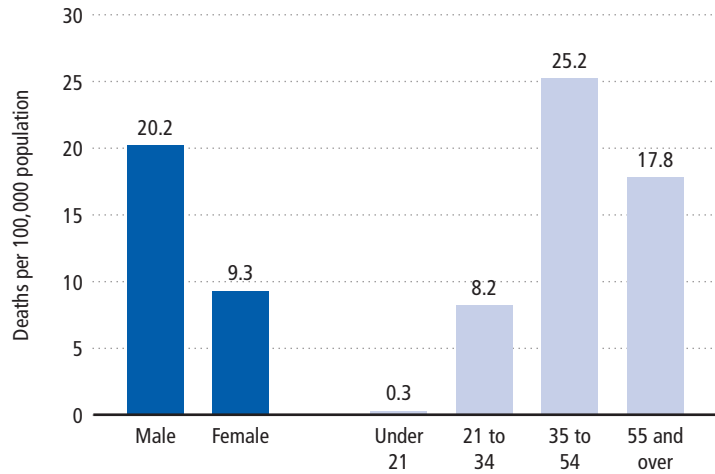
NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

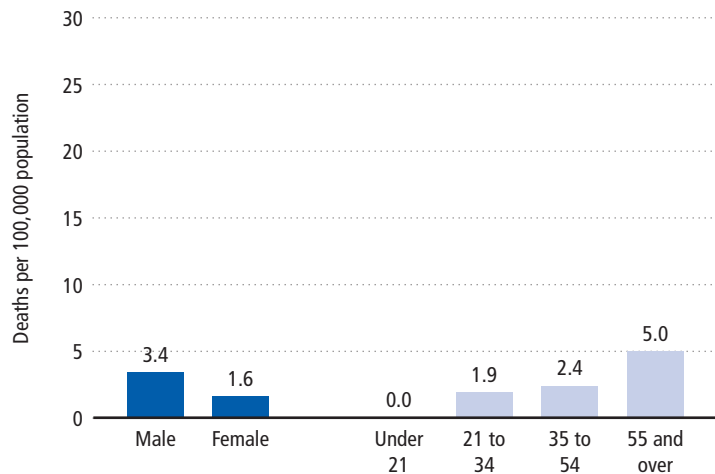


# San Francisco-San Mateo-Redwood City, CA

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	44	Health care facility	5
Home	175	Home	35
Public place	18	Public place	--
Other	25	Other	--
Not documented	0	Not documented	0

**Drug-related deaths by drug category, 2007-2008**

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>301</b>	<b>262</b>	<b>56</b>	<b>73</b>	<b>44</b>	<b>11</b>
Alcohol*	98	52	0	23	10	0
Cocaine	152	86	24	17	0	0
Marijuana	8	--	0	--	--	0
Stimulants	57	39	8	6	0	0
Club drugs†	8	--	--	--	0	0
Hallucinogens††	--	--	--	--	0	0
Inhalants	--	--	0	--	--	--
Antidepressants	65	53	--	22	20	--
Antipsychotics	21	14	0	10	4	0
Benzodiazepines	51	59	0	15	10	0
Misc. anxiolytics, sedatives, and hypnotics	57	30	--	19	14	--
Opiates/opioids	187	159	17	31	25	--
Heroin (specified)	12	12	--	0	0	0
Methadone	63	60	8	5	6	--
All other opiates/opioids	153	119	8	29	22	--
Nonsteroidal anti-inflammatory agents	--	--	0	0	0	0
Salicylates/combinations	--	0	0	--	0	0
Misc. analgesics/combinations	21	14	0	14	--	0
Anticonvulsants	20	12	0	--	--	0
Muscle relaxants	14	12	0	--	--	0

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

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

†† Includes PCP, LSD, and miscellaneous hallucinogens.

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, 2008 (08/2009 update).

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



## San Francisco County, CA: Deaths and population, 2008

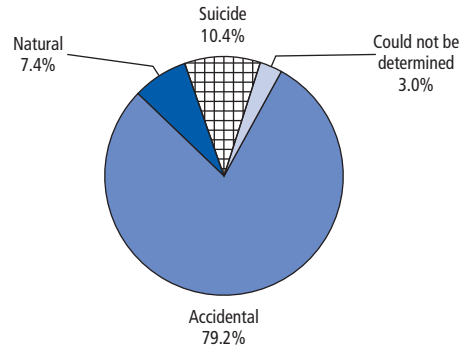
**Deaths reported to DAWN**

Drug-related.....	181
Drug-related suicide.....	21
<b>Population .....</b>	<b>808,976</b>

**Deaths per 100,000 population**

Drug-related.....	22.4
Drug-related suicide.....	2.6

## Deaths by manner of death, 2008



## Place of death, 2008

Drug-related	Deaths
Health care facility	28
Home	122
Public place	16
Other	15
Not documented	0

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

## Drug-related deaths by drug category, 2007-2008

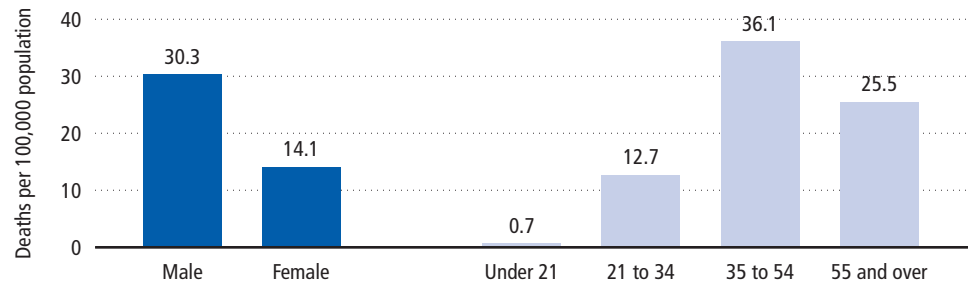
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>230</b>	<b>181</b>	<b>42</b>	<b>50</b>	<b>21</b>	<b>5</b>
Alcohol*	81	38	0	17	5	0
Cocaine	137	76	22	15	0	0
Marijuana	7	--	0	--	--	0
Stimulants	48	21	5	6	0	0
Club drugs†	7	--	0	--	0	0
Hallucinogens††	--	--	--	--	0	0
Inhalants	--	--	0	--	--	--
Antidepressants	43	33	0	14	10	--
Antipsychotics	12	7	0	9	--	0
Benzodiazepines	33	38	0	10	4	0
Misc. anxiolytics, sedatives, and hypnotics	46	19	0	12	8	0
Opiates/opioids	136	111	12	16	9	0
Heroin (specified)	8	8	--	0	0	0
Methadone	51	45	7	0	--	0
All other opiates/opioids	112	77	4	16	7	0
Nonsteroidal anti-inflammatory agents	--	0	0	0	0	0
Salicylates/combinations	0	0	0	--	0	0
Misc. analgesics/combinations	8	5	0	8	--	0
Anticonvulsants	11	5	0	--	0	0
Muscle relaxants	8	4	0	0	0	0

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

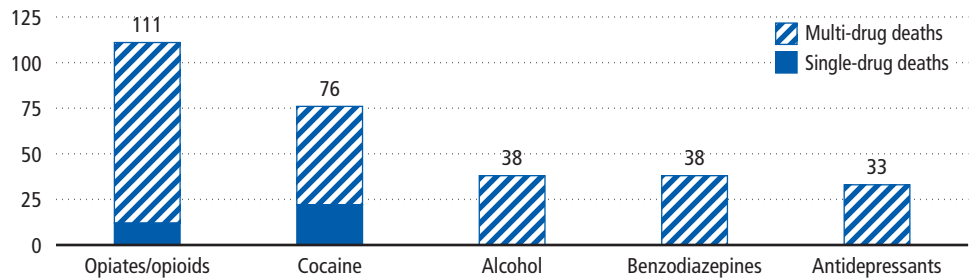
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



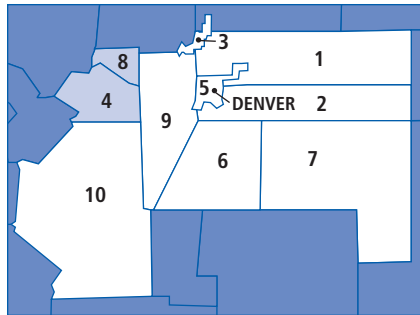
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

# Denver-Aurora-Broomfield, CO



Deaths reported to DAWN  
 Drug-related.....370  
 Drug-related suicide.....73

Metro area  
 population, 2008..... 2,506,626

Population  
 covered by DAWN..... 2,492,565

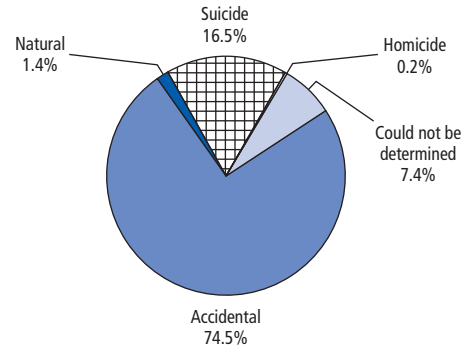
Percent of population  
 covered by DAWN..... 99%

## Metro area overview: Deaths and population by county, 2008

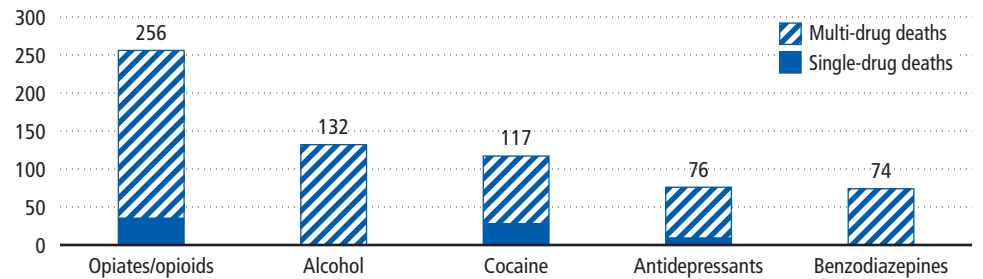
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (8)</b>	<b>370</b>	<b>14.8</b>	<b>73</b>	<b>2.9</b>	<b>2,492,565</b>
1. Adams County, CO	54	12.5	12	2.8	430,836
2. Arapahoe County, CO	76	13.7	16	2.9	554,282
3. Broomfield County, CO	7	12.8	0	0.0	54,858
4. Clear Creek County, CO					8,908
5. Denver County, CO	180	30.1	25	4.2	598,707
6. Douglas County, CO	4	1.4	4	1.4	280,621
7. Elbert County, CO	0	0.0	1	4.4	22,929
8. Gilpin County, CO					5,153
9. Jefferson County, CO	48	9.0	13	2.4	533,339
10. Park County, CO	1	5.9	2	11.8	16,993

Shaded areas did not participate in DAWN this year.

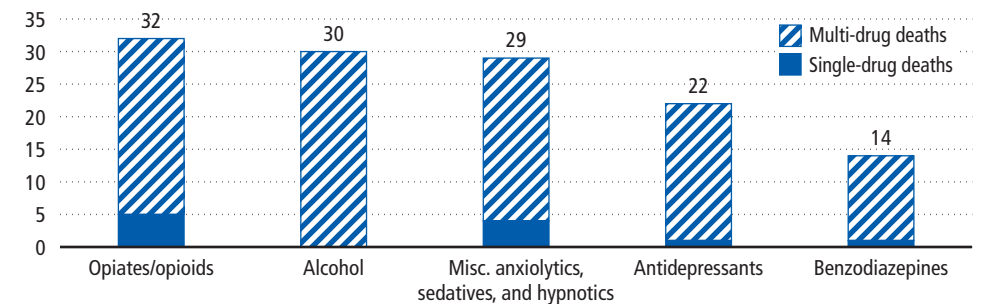
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

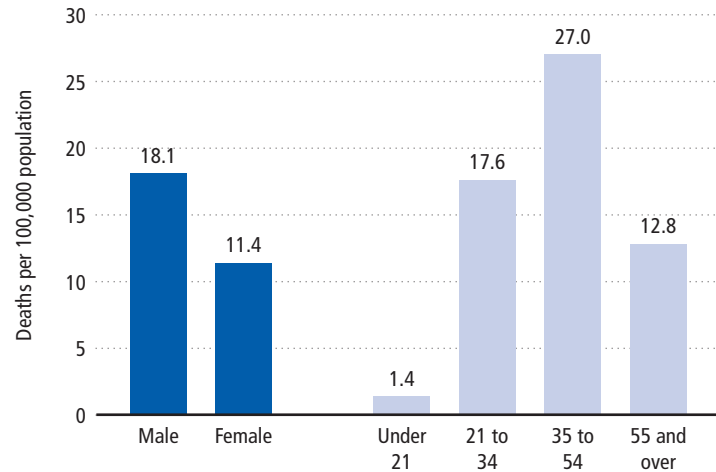


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

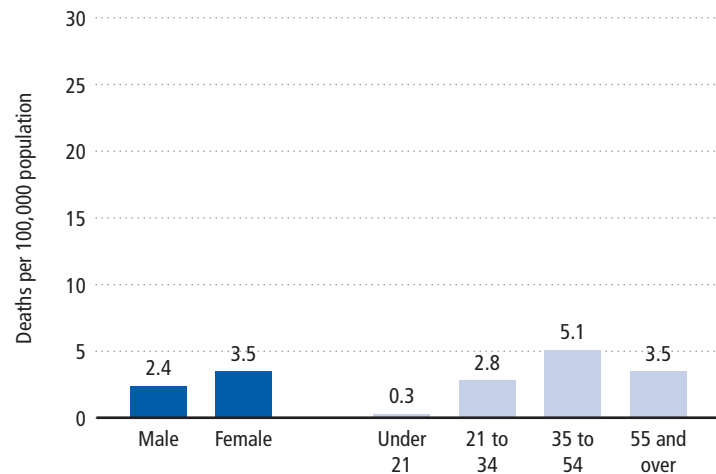
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Denver-Aurora-Broomfield, CO

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	94	Health care facility	17
Home	206	Home	42
Public place	12	Public place	5
Other	57	Other	9
Not documented	--	Not documented	0

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>		<b>370</b>	<b>85</b>		<b>73</b>	<b>16</b>
Alcohol*		132	0		30	0
Cocaine		117	28		4	0
Marijuana		23	0		--	0
Stimulants		26	--		--	0
Club drugs†		4	--		0	0
Hallucinogens††		--	0		0	0
Inhalants		--	0		--	0
Antidepressants		76	9		22	--
Antipsychotics		8	--		7	0
Benzodiazepines		74	0		14	--
Misc. anxiolytics, sedatives, and hypnotics		38	--		29	4
Opiates/opioids		256	35		32	5
Heroin (specified)		36	6		--	0
Methadone		35	--		4	--
All other opiates/opioids		211	26		29	4
Nonsteroidal anti-inflammatory agents		0	0		--	0
Salicylates/combinations		--	0		--	--
Misc. analgesics/combinations		19	--		11	--
Anticonvulsants		8	0		5	0
Muscle relaxants		27	--		7	0

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

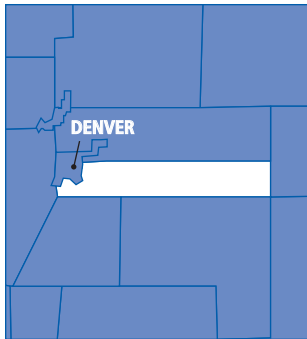
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

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, 2008 (08/2009 update).

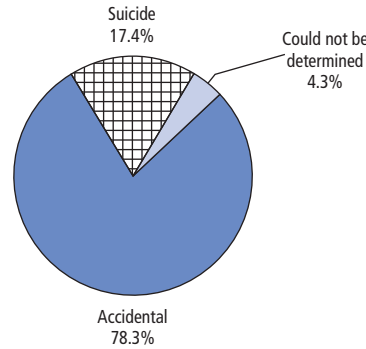
# Denver-Aurora-Broomfield, CO: Arapahoe County, CO



## Arapahoe County, CO: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	76
Drug-related suicide.....	16
<b>Population</b> .....	554,282
<b>Deaths per 100,000 population</b>	
Drug-related.....	13.7
Drug-related suicide.....	2.9

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>	<b>Deaths</b>
Health care facility.....	6
Home.....	57
Public place.....	--
Other.....	10
Not documented.....	0
<b>Drug-related suicide</b>	<b>Deaths</b>
Health care facility.....	--
Home.....	10
Public place.....	--
Other.....	--
Not documented.....	0

## Drug-related deaths by drug category, 2007-2008

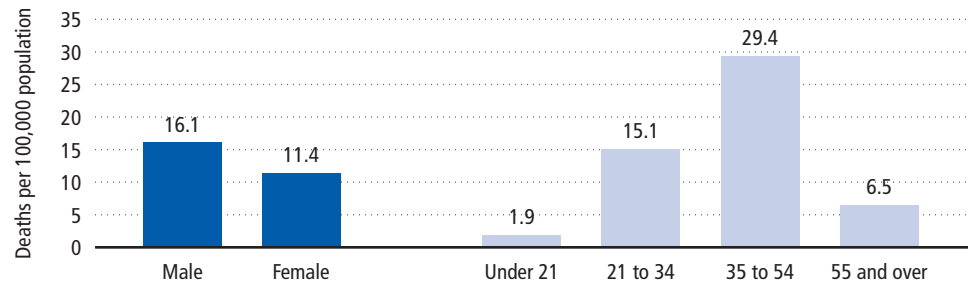
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>85</b>	<b>76</b>	<b>10</b>	<b>13</b>	<b>16</b>	<b>--</b>
Alcohol*	18	35	0	7	7	--
Cocaine	30	20	--	--	--	--
Marijuana	0	0	0	0	0	--
Stimulants	--	5	0	0	0	--
Club drugs†	0	--	0	0	0	--
Hallucinogens††	0	0	0	0	0	--
Inhalants	0	0	0	0	0	--
Antidepressants	13	27	--	7	9	--
Antipsychotics	5	--	--	--	--	--
Benzodiazepines	25	26	0	4	6	--
Misc. anxiolytics, sedatives, and hypnotics	11	16	0	--	8	--
Opiates/opioids	58	55	5	4	6	--
Heroin (specified)	9	4	0	0	0	--
Methadone	10	9	0	--	--	--
All other opiates/opioids	46	46	5	--	5	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	0	--	0	0	0	--
Misc. analgesics/combinations	--	4	0	4	--	--
Anticonvulsants	4	4	0	0	--	--
Muscle relaxants	7	9	0	0	--	--

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

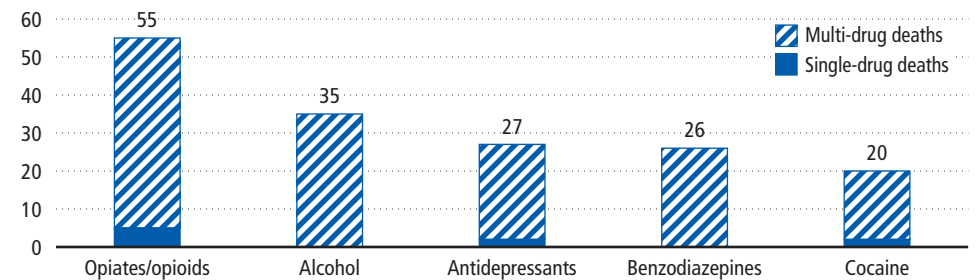
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

# Denver-Aurora-Broomfield, CO: Denver County, CO



## Denver County, CO: Deaths and population, 2008

**Deaths reported to DAWN**

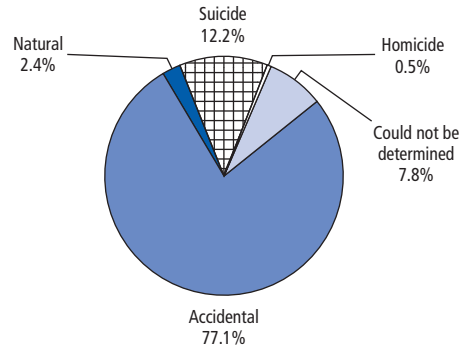
Drug-related..... 180  
 Drug-related suicide..... 25

**Population** .....598,707

**Deaths per 100,000 population**

Drug-related.....30.1  
 Drug-related suicide..... 4.2

## Deaths by manner of death, 2008



## Place of death, 2008

Drug-related	Deaths
Health care facility	54
Home	82
Public place	5
Other	38
Not documented	--

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

## Drug-related deaths by drug category, 2007-2008

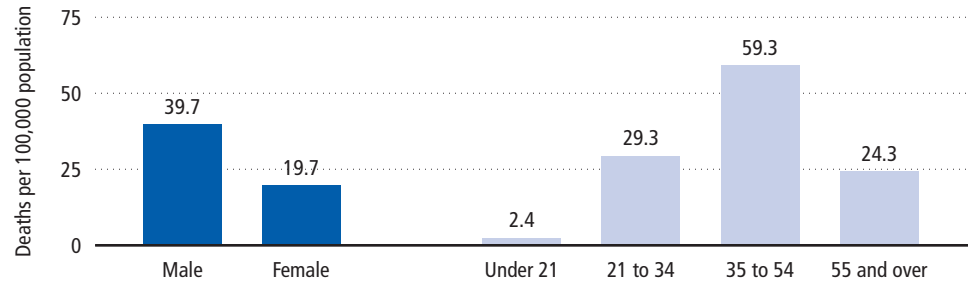
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>173</b>	<b>180</b>	<b>43</b>	<b>29</b>	<b>25</b>	<b>4</b>
Alcohol*	50	64	0	11	12	0
Cocaine	73	69	22	5	--	0
Marijuana	6	14	0	--	0	0
Stimulants	14	15	--	--	0	0
Club drugs†	--	--	--	0	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	--	--	0	0	--	0
Antidepressants	28	24	0	8	8	--
Antipsychotics	5	--	0	--	--	0
Benzodiazepines	33	33	0	6	5	--
Misc. anxiolytics, sedatives, and hypnotics	16	15	--	5	7	0
Opiates/opioids	111	120	14	13	12	0
Heroin (specified)	15	20	--	0	--	0
Methadone	15	14	--	0	--	0
All other opiates/opioids	90	103	11	13	11	0
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	--	0	0	--	0	0
Misc. analgesics/combinations	10	10	0	6	6	0
Anticonvulsants	4	--	0	--	0	0
Muscle relaxants	8	7	0	0	--	0

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

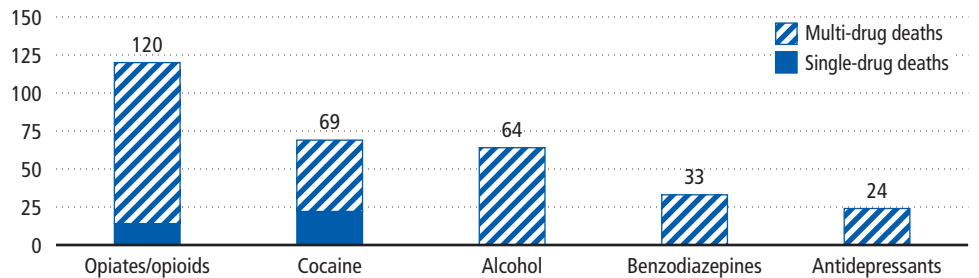
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



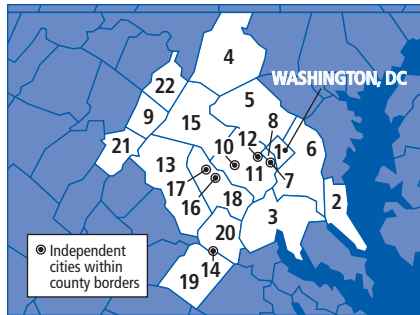
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

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



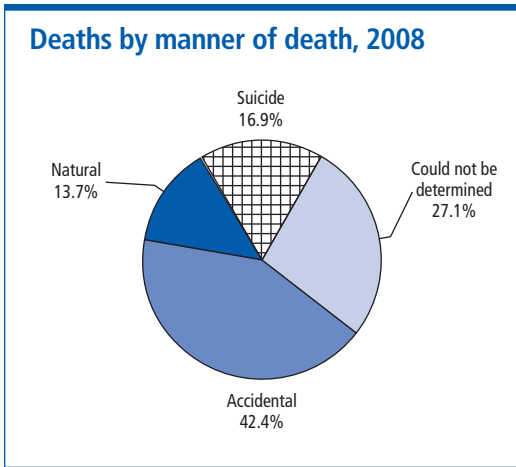
**Deaths reported to DAWN**

Drug-related.....414  
 Drug-related suicide.....84

**Metro area population, 2008**..... 5,358,130

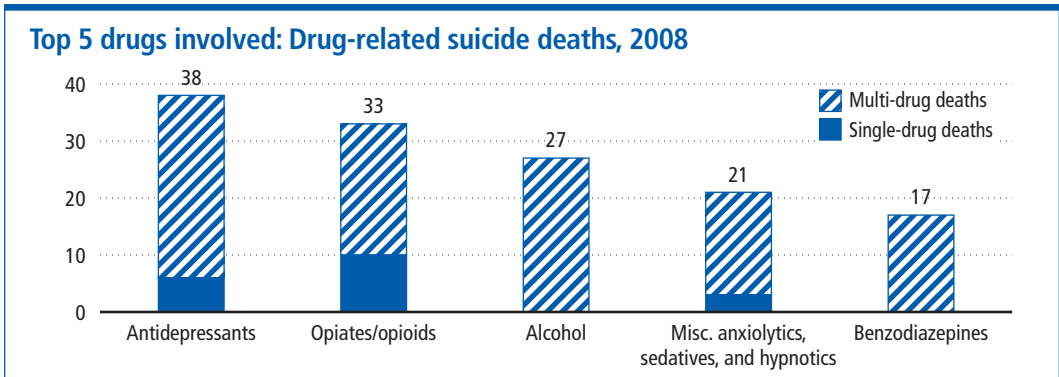
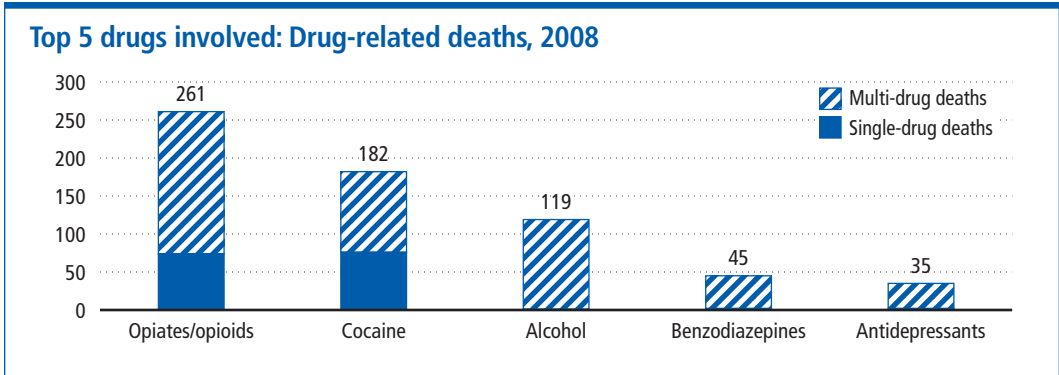
**Population covered by DAWN**..... 5,358,130

**Percent of population covered by DAWN**..... 100%



## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (22)</b>	<b>414</b>	<b>7.7</b>	<b>84</b>	<b>1.6</b>	<b>5,358,130</b>
1. District of Columbia	173	29.2	21	3.5	591,833
2. Calvert County, MD	11	12.4	2	2.3	88,698
3. Charles County, MD	16	11.4	2	1.4	140,764
4. Frederick County, MD	11	4.9	2	0.9	225,721
5. Montgomery County, MD	40	4.2	11	1.2	950,680
6. Prince George's County, MD	60	7.3	3	0.4	820,852
7. Alexandria City, VA	10	6.9	4	2.8	143,885
8. Arlington County, VA	9	4.3	6	2.9	209,969
9. Clarke County, VA	0	0.0	0	0.0	14,458
10. Fairfax City, VA	2	8.4	0	0.0	23,844
11. Fairfax County, VA	33	3.3	14	1.4	1,015,302
12. Falls Church City, VA	0	0.0	0	0.0	11,169
13. Fauquier County, VA	6	9.0	1	1.5	66,839
14. Fredericksburg City, VA	9	39.4	1	4.4	22,818
15. Loudoun County, VA	4	1.4	2	0.7	289,995
16. Manassas City, VA	3	8.5	1	2.8	35,205
17. Manassas Park City, VA	0	0.0	0	0.0	11,319
18. Prince William County, VA	9	2.5	3	0.8	364,734
19. Spotsylvania County, VA	3	2.5	4	3.3	120,031
20. Stafford County, VA	1	0.8	3	2.5	121,736
21. Warren County, VA	2	5.5	3	8.2	36,663
22. Jefferson County, WV	12	23.2	1	1.9	51,615

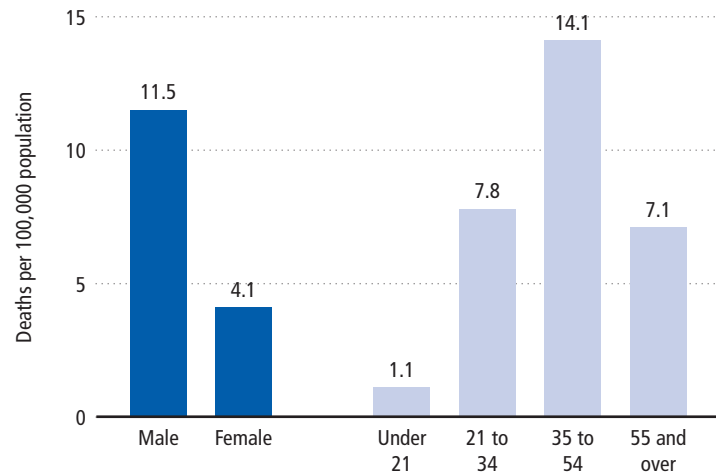


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

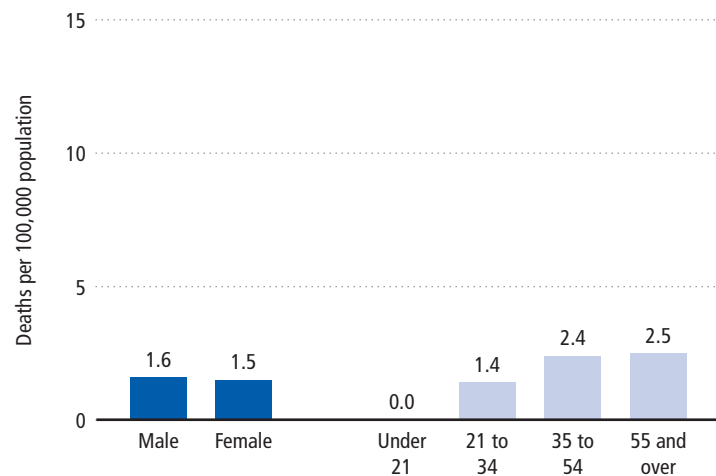
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

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

### Death rates by gender and age: Drug-related, 2008



### Death rates by gender and age: Drug-related suicide, 2008



### Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	150	Health care facility	12
Home	193	Home	62
Public place	30	Public place	7
Other	41	Other	--
Not documented	0	Not documented	0

### Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>		<b>414</b>	<b>170</b>		<b>84</b>	<b>25</b>
Alcohol*		119	--		27	0
Cocaine		182	76		--	0
Marijuana		0	0		0	0
Stimulants		6	--		--	0
Club drugs†		--	0		0	0
Hallucinogens††		19	--		--	--
Inhalants		4	--		--	--
Antidepressants		35	--		38	6
Antipsychotics		7	--		10	--
Benzodiazepines		45	--		17	0
Misc. anxiolytics, sedatives, and hypnotics		20	--		21	--
Opiates/opioids		261	74		33	10
Heroin (specified)		59	22		--	0
Methadone		52	13		5	--
All other opiates/opioids		171	39		30	8
Nonsteroidal anti-inflammatory agents		0	0		0	0
Salicylates/combinations		--	--		0	0
Misc. analgesics/combinations		14	--		4	--
Anticonvulsants		0	0		4	0
Muscle relaxants		7	0		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.

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, 2008 (08/2009 update).



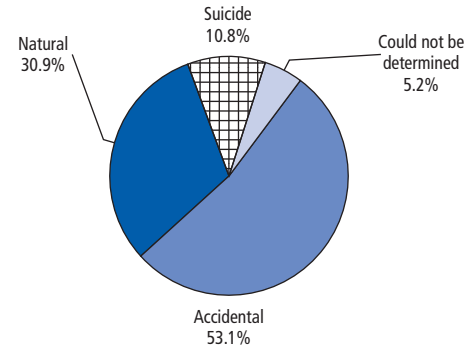
# Washington-Arlington-Alexandria, DC-VA-MD-WV: District of Columbia



## District of Columbia: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	173
Drug-related suicide.....	21
<b>Population</b> .....	591,833
<b>Deaths per 100,000 population</b>	
Drug-related.....	29.2
Drug-related suicide.....	3.5

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility		68
Home		75
Public place		21
Other		9
Not documented		0
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility		0
Home		15
Public place		5
Other		--
Not documented		0

## Drug-related deaths by drug category, 2007-2008

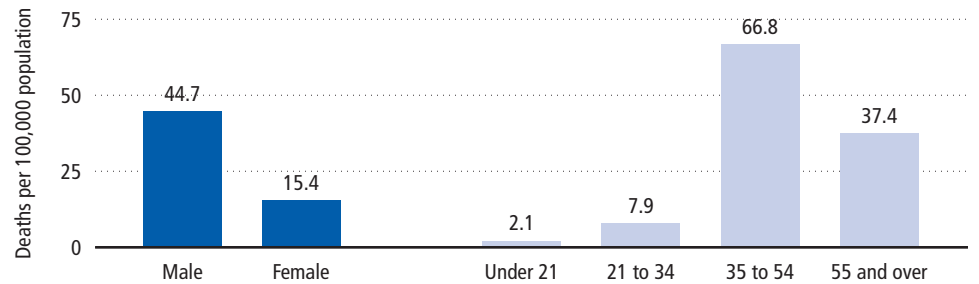
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>214</b>	<b>173</b>	<b>89</b>	<b>24</b>	<b>21</b>	<b>6</b>
Alcohol*	45	35	0	5	7	0
Cocaine	127	103	56	5	--	0
Marijuana	--	0	0	0	0	0
Stimulants	--	4	--	--	0	0
Club drugs†	0	0	0	--	0	0
Hallucinogens††	14	7	--	--	--	--
Inhalants	0	--	0	0	0	0
Antidepressants	7	9	--	8	12	--
Antipsychotics	0	--	--	0	--	0
Benzodiazepines	8	12	--	8	--	0
Misc. anxiolytics, sedatives, and hypnotics	--	4	0	4	8	--
Opiates/opioids	97	85	25	5	4	--
Heroin (specified)	4	4	--	0	0	0
Methadone	20	15	4	0	0	0
All other opiates/opioids	75	69	19	5	4	--
Nonsteroidal anti-inflammatory agents	0	0	0	--	0	0
Salicylates/combinations	0	--	--	0	0	0
Misc. analgesics/combinations	--	--	0	--	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.

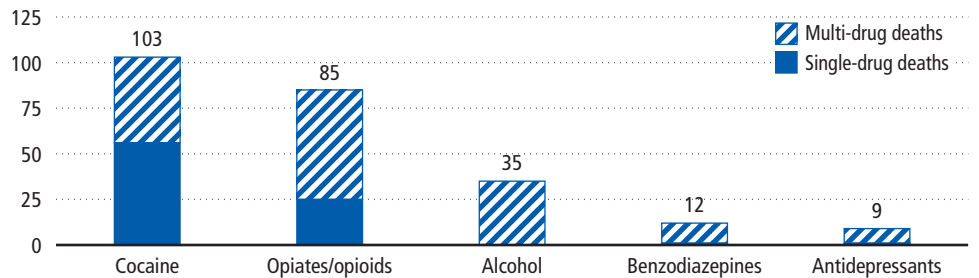
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

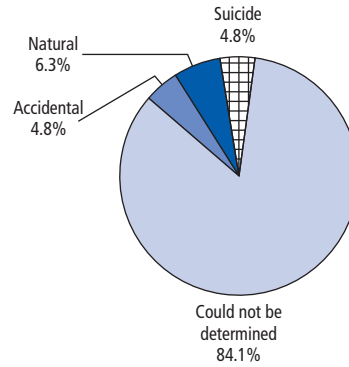
# Washington-Arlington-Alexandria, DC-VA-MD-WV: Prince George's County, MD



## Prince George's County, MD: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	60
Drug-related suicide.....	3
<b>Population .....</b>	<b>820,852</b>
<b>Deaths per 100,000 population</b>	
Drug-related.....	7.3
Drug-related suicide.....	0.4

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility.....		27
Home.....		22
Public place.....		--
Other.....		9
Not documented.....		0
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility.....		--
Home.....		--
Public place.....		0
Other.....		0
Not documented.....		0

## Drug-related deaths by drug category, 2007-2008

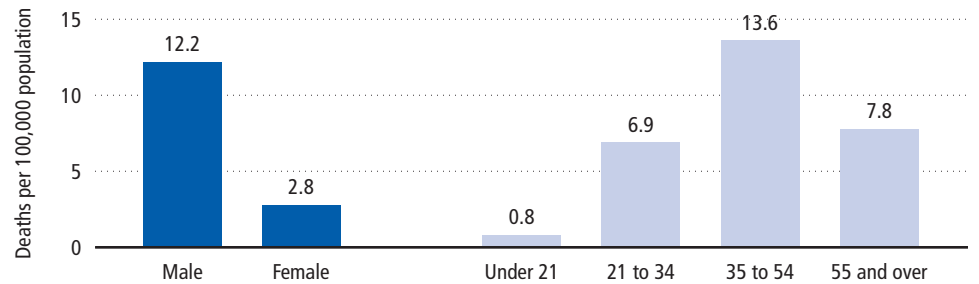
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>60</b>	<b>60</b>	<b>17</b>	<b>9</b>	<b>--</b>	<b>--</b>
Alcohol*	21	29	0	--	--	--
Cocaine	26	19	4	4	--	--
Marijuana	0	0	0	0	--	--
Stimulants	--	--	--	0	--	--
Club drugs†	0	0	0	0	--	--
Hallucinogens††	5	9	--	0	--	--
Inhalants	0	0	0	0	--	--
Antidepressants	10	5	0	--	--	--
Antipsychotics	0	--	0	--	--	--
Benzodiazepines	--	--	0	0	--	--
Misc. anxiolytics, sedatives, and hypnotics	5	--	0	--	--	--
Opiates/opioids	41	41	11	0	--	--
Heroin (specified)	12	15	5	0	--	--
Methadone	6	8	--	0	--	--
All other opiates/opioids	27	22	5	0	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	--	--
Salicylates/combinations	0	0	0	--	--	--
Misc. analgesics/combinations	5	5	0	0	--	--
Anticonvulsants	0	0	0	0	--	--
Muscle relaxants	--	0	0	0	--	--

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

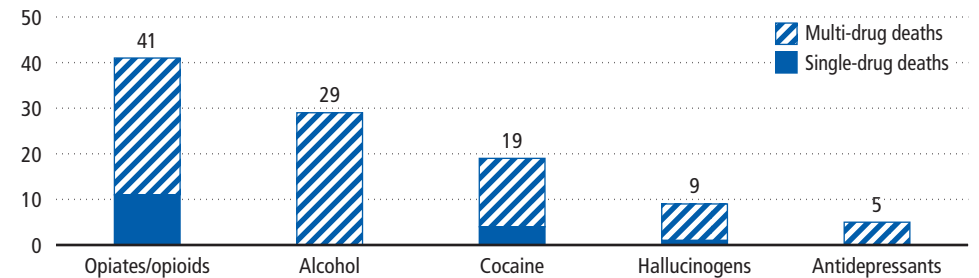
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



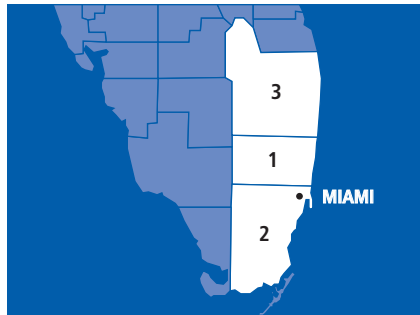
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

# Miami-Fort Lauderdale-Pompano Beach, FL



Deaths reported to DAWN  
 Drug-related.....366  
 Drug-related suicide.....68

Metro area  
 population, 2008..... 5,414,772

Population  
 covered by DAWN..... 3,663,538

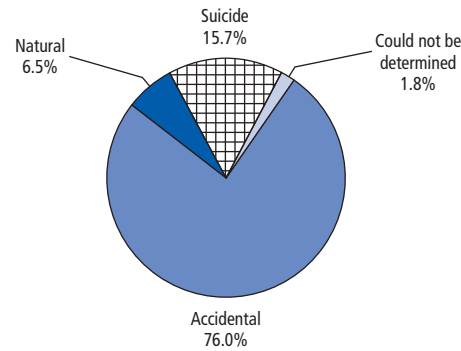
Percent of population  
 covered by DAWN..... 68%

## Metro area overview: Deaths and population by county, 2008

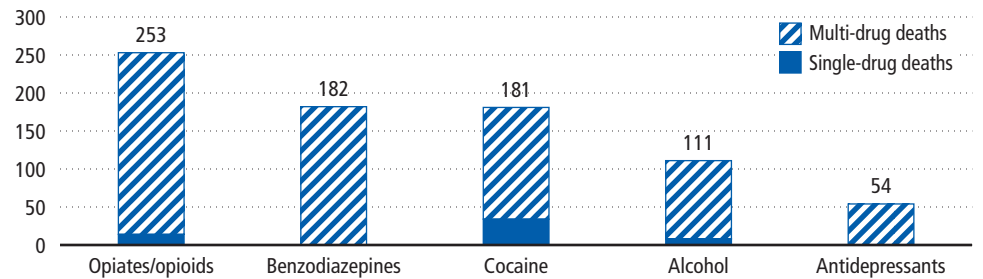
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (2)	366	10.0	68	1.9	3,663,538
1. Broward County, FL					1,751,234
2. Miami-Dade County, FL	219	9.1	38	1.6	2,398,245
3. Palm Beach County, FL	147	11.6	30	2.4	1,265,293

Shaded areas did not participate in DAWN this year.

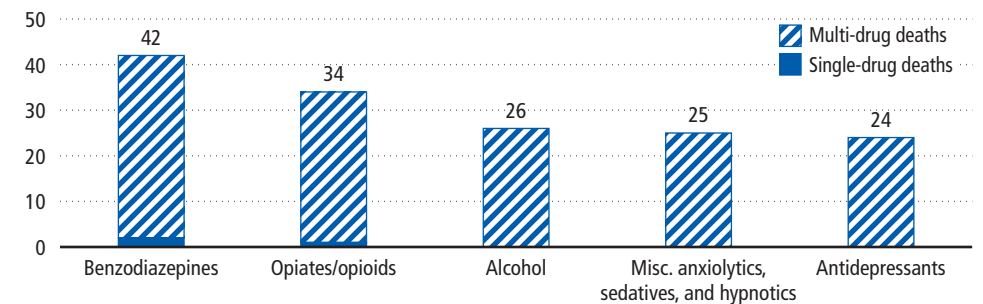
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

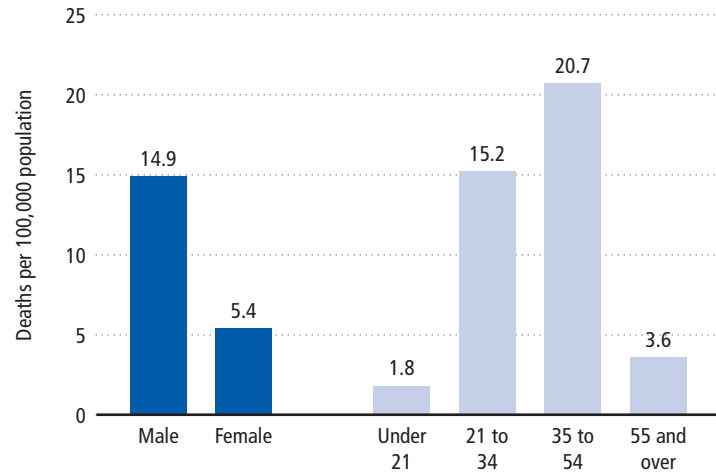


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

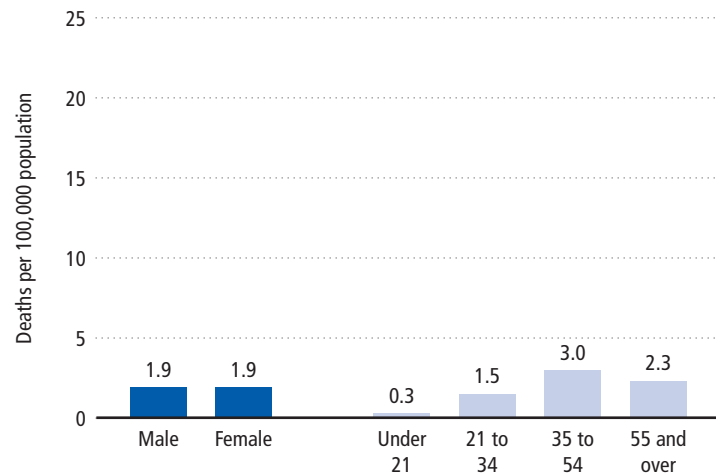
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Miami-Fort Lauderdale-Pompano Beach, FL

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	110	Health care facility	14
Home	166	Home	36
Public place	34	Public place	4
Other	36	Other	10
Not documented	20	Not documented	4

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>		<b>366</b>	<b>59</b>		<b>68</b>	<b>6</b>
Alcohol*		111	8		26	0
Cocaine		181	34		8	0
Marijuana		13	0		0	0
Stimulants		7	0		--	0
Club drugs†		5	0		--	0
Hallucinogens††		0	0		0	0
Inhalants		--	--		0	0
Antidepressants		54	0		24	0
Antipsychotics		13	0		14	--
Benzodiazepines		182	0		42	--
Misc. anxiolytics, sedatives, and hypnotics		35	0		25	0
Opiates/opioids		253	14		34	--
Heroin (specified)		61	5		0	0
Methadone		62	--		6	0
All other opiates/opioids		172	8		30	--
Nonsteroidal anti-inflammatory agents		--	0		--	0
Salicylates/combinations		0	0		0	0
Misc. analgesics/combinations		32	--		13	--
Anticonvulsants		5	0		8	0
Muscle relaxants		5	0		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.

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, 2008 (08/2009 update).

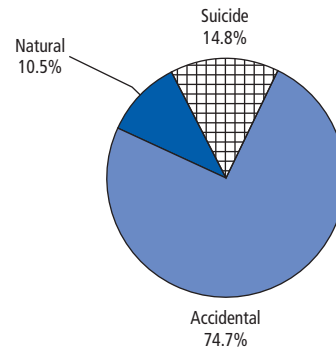
# Miami-Fort Lauderdale-Pompano Beach, FL: Miami-Dade County, FL



## Miami-Dade County, FL: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	219
Drug-related suicide.....	38
<b>Population .....</b>	<b>2,398,245</b>
<b>Deaths per 100,000 population</b>	
Drug-related.....	9.1
Drug-related suicide.....	1.6

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>	<b>Deaths</b>
Health care facility	78
Home	87
Public place	28
Other	26
Not documented	0
<b>Drug-related suicide</b>	<b>Deaths</b>
Health care facility	9
Home	22
Public place	--
Other	6
Not documented	0

## Drug-related deaths by drug category, 2007-2008

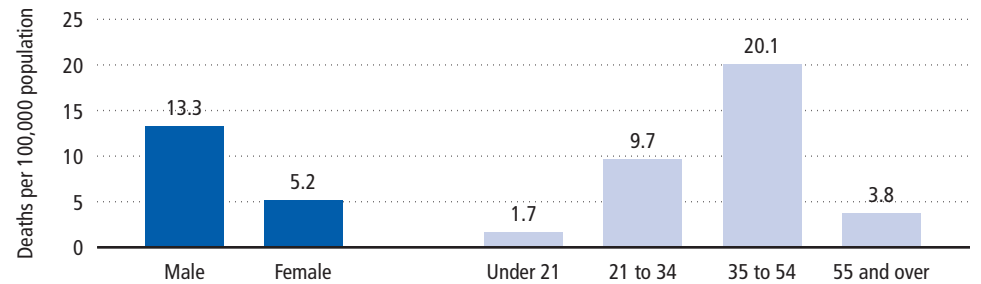
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>219</b>	<b>47</b>		<b>38</b>	--	
Alcohol*		81	8	16	--	
Cocaine		134	30	4	--	
Marijuana		5	0	0	--	
Stimulants		7	0	--	--	
Club drugs†		4	0	--	--	
Hallucinogens††		0	0	0	--	
Inhalants		--	--	0	--	
Antidepressants		38	0	17	--	
Antipsychotics		7	0	11	--	
Benzodiazepines		87	0	23	--	
Misc. anxiolytics, sedatives, and hypnotics		26	0	15	--	
Opiates/opioids		124	6	19	--	
Heroin (specified)		59	5	0	--	
Methadone		11	0	--	--	
All other opiates/opioids		75	--	19	--	
Nonsteroidal anti-inflammatory agents		--	0	--	--	
Salicylates/combinations		0	0	0	--	
Misc. analgesics/combinations		16	--	8	--	
Anticonvulsants		5	0	5	--	
Muscle relaxants		5	0	6	--	

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

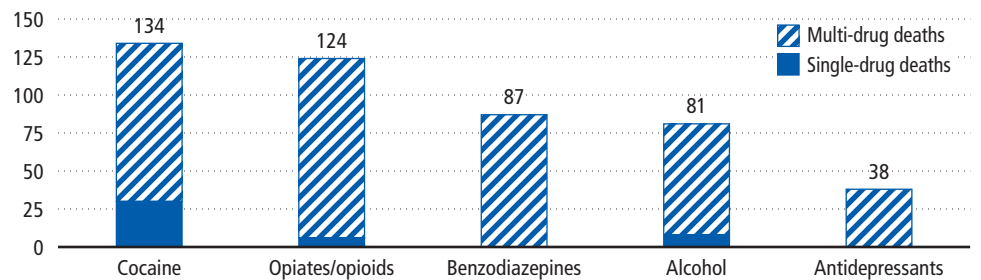
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



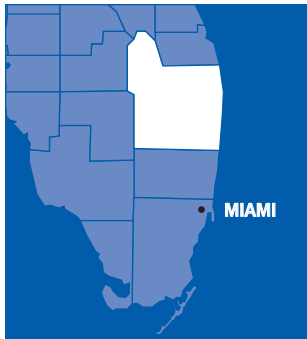
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

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



## Palm Beach County, FL: Deaths and population, 2008

**Deaths reported to DAWN**

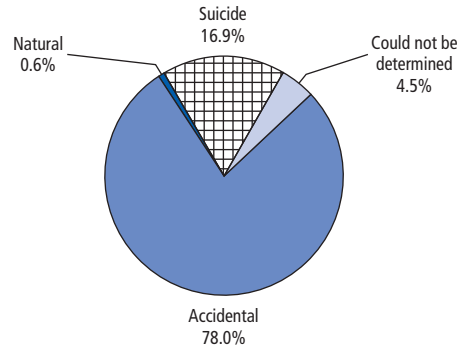
Drug-related..... 147  
 Drug-related suicide..... 30

**Population** ..... 1,265,293

**Deaths per 100,000 population**

Drug-related..... 11.6  
 Drug-related suicide..... 2.4

## Deaths by manner of death, 2008



## Place of death, 2008

Drug-related	Deaths
Health care facility	32
Home	79
Public place	6
Other	10
Not documented	20

Drug-related suicide	Deaths
Health care facility	5
Home	14
Public place	--
Other	4
Not documented	4

## Drug-related deaths by drug category, 2007-2008

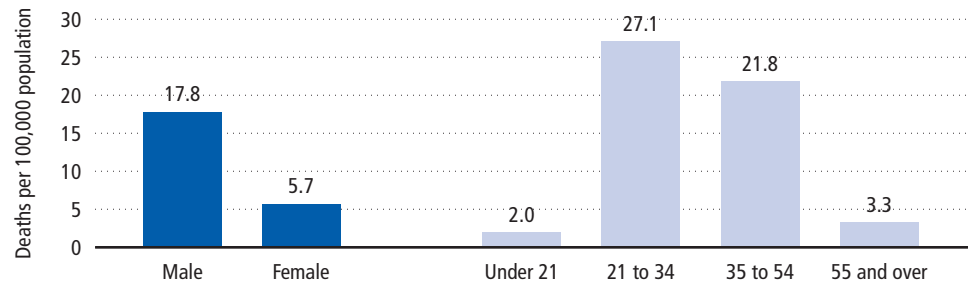
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>		<b>147</b>	<b>12</b>		<b>30</b>	<b>--</b>
Alcohol*		30	0		10	--
Cocaine		47	4		4	--
Marijuana		8	0		0	--
Stimulants		0	0		--	--
Club drugs†		--	0		0	--
Hallucinogens††		0	0		0	--
Inhalants		0	0		0	--
Antidepressants		16	0		7	--
Antipsychotics		6	0		--	--
Benzodiazepines		95	0		19	--
Misc. anxiolytics, sedatives, and hypnotics		9	0		10	--
Opiates/opioids		129	8		15	--
Heroin (specified)		--	0		0	--
Methadone		51	--		5	--
All other opiates/opioids		97	7		11	--
Nonsteroidal anti-inflammatory agents		0	0		--	--
Salicylates/combinations		0	0		0	--
Misc. analgesics/combinations		16	0		5	--
Anticonvulsants		0	0		--	--
Muscle relaxants		0	0		0	--

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

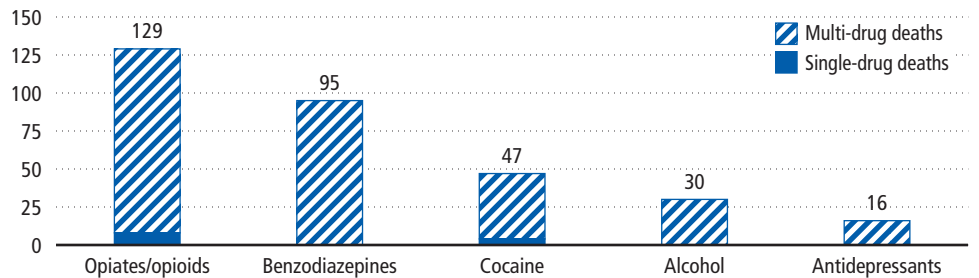
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

# Atlanta-Sandy Springs-Marietta, GA



Deaths reported to DAWN  
 Drug-related.....204  
 Drug-related suicide.....37

Metro area  
 population, 2008 ..... 5,376,285

Population  
 covered by DAWN ..... 2,240,915

Percent of population  
 covered by DAWN ..... 42%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (7)</b>	<b>204</b>	<b>9.1</b>	<b>37</b>	<b>1.7</b>	<b>2,240,915</b>
1. Barrow County, GA					70,073
2. Bartow County, GA					94,913
3. Butts County, GA					24,423
4. Carroll County, GA	30	26.4	2	1.8	113,688
5. Cherokee County, GA	11	5.2	0	0.0	210,529
6. Clayton County, GA					273,718
7. Cobb County, GA					698,158
8. Coweta County, GA					122,924
9. Dawson County, GA					22,006
10. DeKalb County, GA					739,956
11. Douglas County, GA					127,932
12. Fayette County, GA					106,465
13. Forsyth County, GA					168,060
14. Fulton County, GA	122	12.0	18	1.8	1,014,932
15. Gwinnett County, GA	33	4.2	15	1.9	789,499
16. Haralson County, GA					28,979
17. Heard County, GA	2	17.4	0	0.0	11,476
18. Henry County, GA					191,502
19. Jasper County, GA					13,842
20. Lamar County, GA					17,000
21. Meriwether County, GA					22,840
22. Newton County, GA					98,542
23. Paulding County, GA					133,135
24. Pickens County, GA					31,176
25. Pike County, GA	0	0.0	0	0.0	17,569
26. Rockdale County, GA	6	7.2	2	2.4	83,222
27. Spalding County, GA					63,913
28. Walton County, GA					85,813

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, 2008 (08/2009 update).

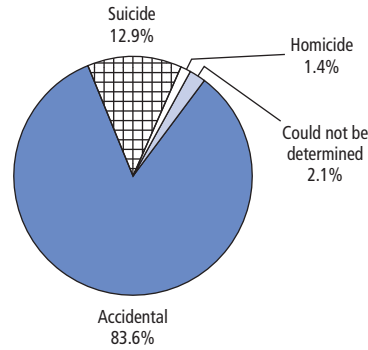
# Atlanta-Sandy Springs-Marietta, GA: Fulton County, GA



## Fulton County, GA: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	122
Drug-related suicide.....	18
<b>Population</b> .....	1,014,932
<b>Deaths per 100,000 population</b>	
Drug-related.....	12.0
Drug-related suicide.....	1.8

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility	.....	31
Home	.....	62
Public place	.....	7
Other	.....	21
Not documented	.....	--
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility	.....	4
Home	.....	9
Public place	.....	--
Other	.....	--
Not documented	.....	0

## Drug-related deaths by drug category, 2007-2008

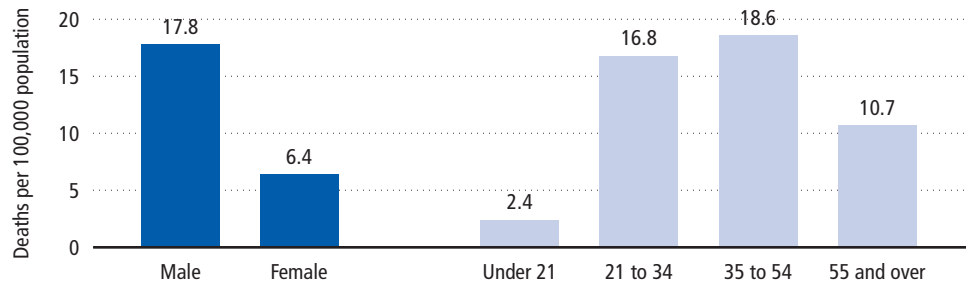
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>102</b>	<b>122</b>	<b>33</b>	<b>6</b>	<b>18</b>	<b>5</b>
Alcohol*	28	45	--	--	6	0
Cocaine	65	63	20	0	0	0
Marijuana	--	13	0	0	0	0
Stimulants	--	8	--	0	0	0
Club drugs†	--	4	0	0	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	0	--	0	0	0	0
Antidepressants	8	15	--	4	8	0
Antipsychotics	4	0	0	--	4	--
Benzodiazepines	23	26	0	--	8	0
Misc. anxiolytics, sedatives, and hypnotics	4	9	0	0	5	--
Opiates/opioids	51	73	9	--	10	--
Heroin (specified)	4	17	--	0	0	0
Methadone	9	13	--	0	0	0
All other opiates/opioids	41	47	--	--	10	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	0	0	--	0	0
Misc. analgesics/combinations	--	8	0	0	6	0
Anticonvulsants	0	0	0	0	--	--
Muscle relaxants	0	7	0	0	--	0

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

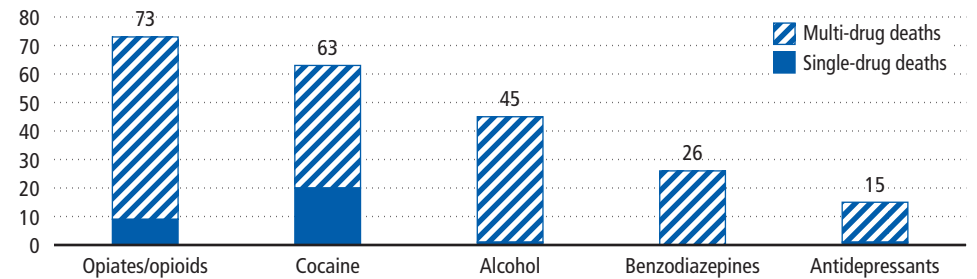
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008

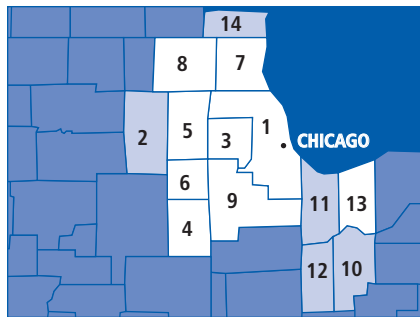


NOTES: 1. Drug-related deaths exclude suicides.  
2. All death rates are per 100,000 population.  
3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).



# Chicago-Naperville-Joliet, IL-IN-WI



**Deaths reported to DAWN**  
 Drug-related.....850  
 Drug-related suicide.....75

**Metro area population, 2008**..... 9,569,624

**Population covered by DAWN**..... 8,758,561

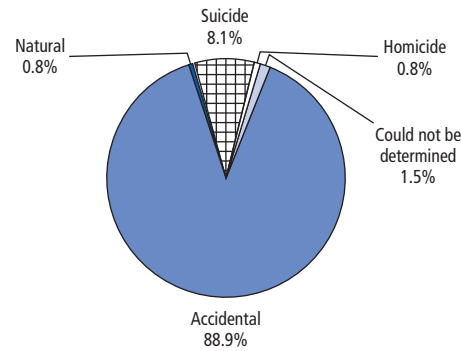
**Percent of population covered by DAWN**..... 92%

## Metro area overview: Deaths and population by county, 2008

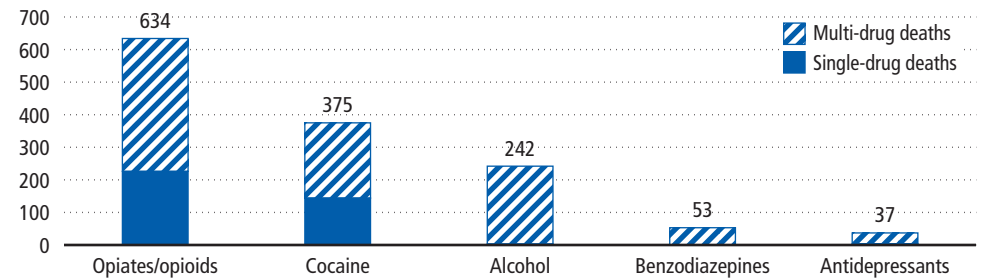
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (9)</b>	<b>850</b>	<b>9.7</b>	<b>75</b>	<b>0.9</b>	<b>8,758,561</b>
1. Cook County, IL	565	10.7	38	0.7	5,294,664
2. DeKalb County, IL					106,321
3. DuPage County, IL	54	5.8	6	0.6	930,528
4. Grundy County, IL	10	20.9	0	0.0	47,958
5. Kane County, IL	24	4.7	9	1.8	507,579
6. Kendall County, IL	4	3.9	2	1.9	103,460
7. Lake County, IL	80	11.2	8	1.1	712,453
8. McHenry County, IL	30	9.4	2	0.6	318,641
9. Will County, IL	54	7.9	8	1.2	681,097
10. Jasper County, IN					32,544
11. Lake County, IN					493,800
12. Newton County, IN					13,933
13. Porter County, IN	29	17.9	2	1.2	162,181
14. Kenosha County, WI					164,465

Shaded areas did not participate in DAWN this year.

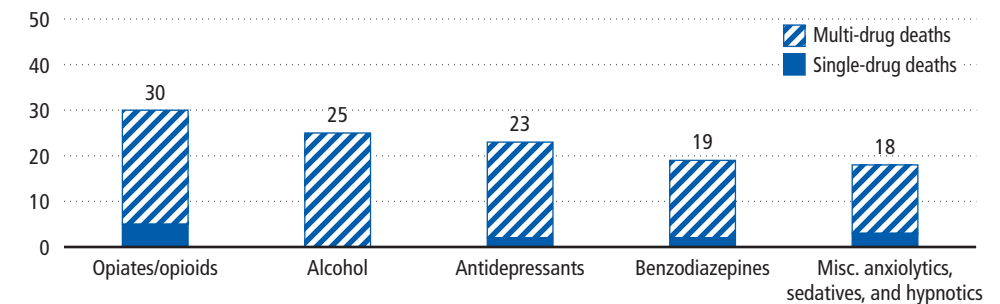
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

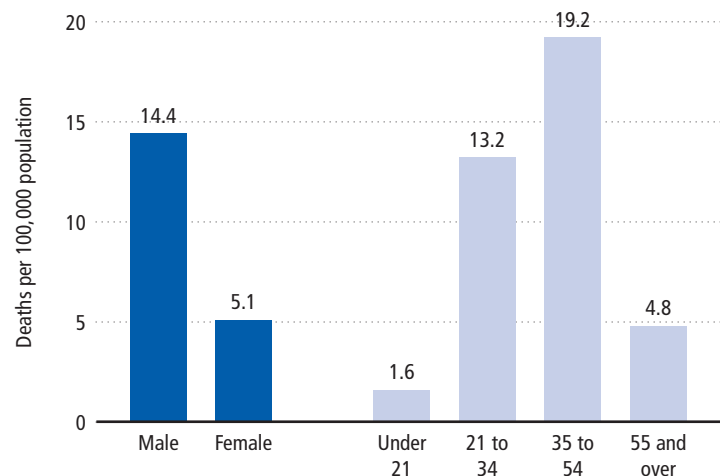


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

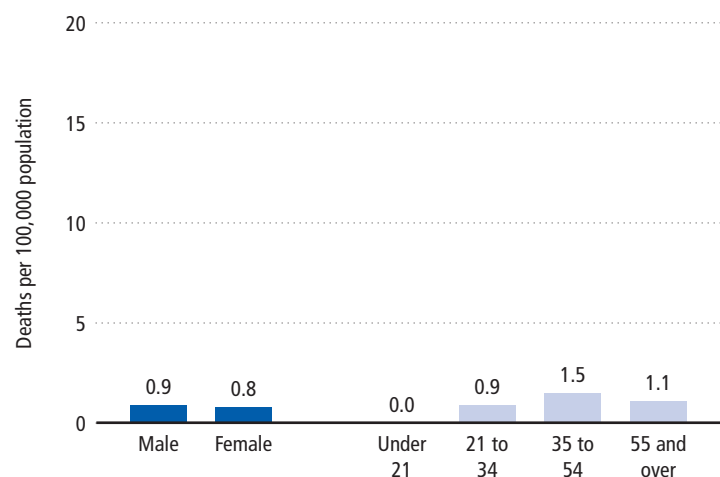
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Chicago-Naperville-Joliet, IL-IN-WI

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	305	Health care facility	21
Home	377	Home	48
Public place	73	Public place	--
Other	80	Other	4
Not documented	15	Not documented	0

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>796</b>	<b>850</b>	<b>391</b>	<b>76</b>	<b>75</b>	<b>24</b>
Alcohol*	184	242	--	22	25	0
Cocaine	437	375	144	8	7	0
Marijuana	19	19	--	--	0	0
Stimulants	--	6	--	0	--	0
Club drugs†	0	--	--	0	0	0
Hallucinogens††	--	0	0	--	0	0
Inhalants	--	--	--	--	--	0
Antidepressants	27	37	4	24	23	--
Antipsychotics	9	8	0	8	6	--
Benzodiazepines	53	53	--	13	19	--
Misc. anxiolytics, sedatives, and hypnotics	18	17	--	9	18	--
Opiates/opioids	509	634	226	23	30	5
Heroin (specified)	58	93	30	0	--	0
Methadone	66	53	19	4	0	0
All other opiates/opioids	412	512	177	20	29	5
Nonsteroidal anti-inflammatory agents	0	--	0	--	--	0
Salicylates/combinations	--	--	--	--	--	--
Misc. analgesics/combinations	20	23	--	16	17	6
Anticonvulsants	4	4	0	--	--	0
Muscle relaxants	8	9	0	--	--	0

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

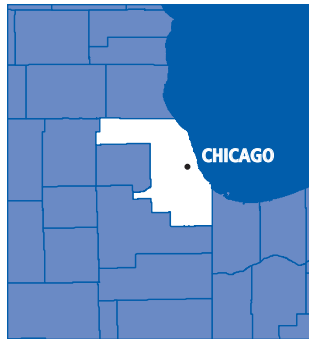
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

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, 2008 (08/2009 update).

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



## Cook County, IL: Deaths and population, 2008

**Deaths reported to DAWN**

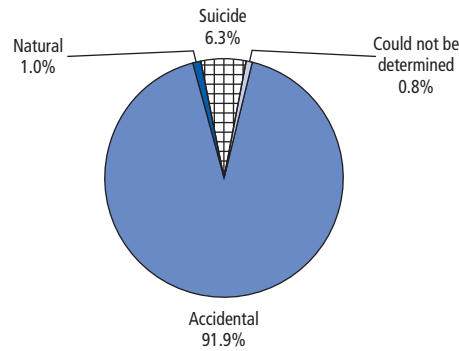
Drug-related.....	565
Drug-related suicide.....	38

**Population .....** 5,294,664

**Deaths per 100,000 population**

Drug-related.....	10.7
Drug-related suicide.....	0.7

## Deaths by manner of death, 2008



## Place of death, 2008

Drug-related	Deaths
Health care facility	224
Home	223
Public place	52
Other	53
Not documented	13

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

## Drug-related deaths by drug category, 2007-2008

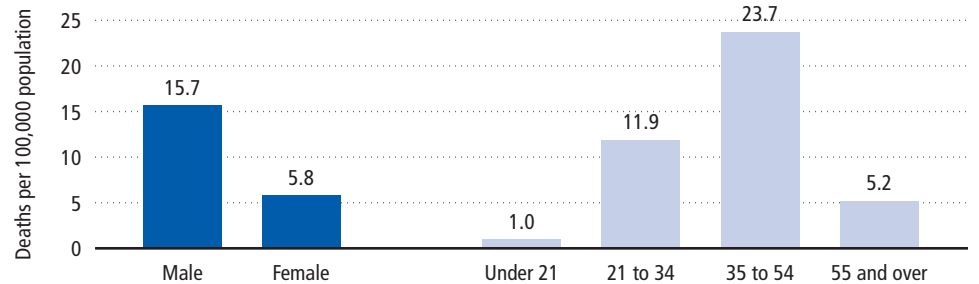
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>541</b>	<b>565</b>	<b>300</b>	<b>31</b>	<b>38</b>	<b>14</b>
Alcohol*	74	144	0	--	10	0
Cocaine	342	282	124	--	--	0
Marijuana	0	0	0	0	0	0
Stimulants	0	--	--	0	0	0
Club drugs†	0	0	0	0	0	0
Hallucinogens††	--	0	0	0	0	0
Inhalants	--	--	--	--	--	0
Antidepressants	8	10	--	8	13	--
Antipsychotics	--	--	0	6	4	--
Benzodiazepines	6	6	--	4	7	0
Misc. anxiolytics, sedatives, and hypnotics	--	--	0	4	7	--
Opiates/opioids	326	409	169	10	13	--
Heroin (specified)	0	0	0	0	0	0
Methadone	36	30	14	--	0	0
All other opiates/opioids	300	385	155	9	13	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	--	--	--	--	--
Misc. analgesics/combinations	6	9	--	12	11	6
Anticonvulsants	--	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.

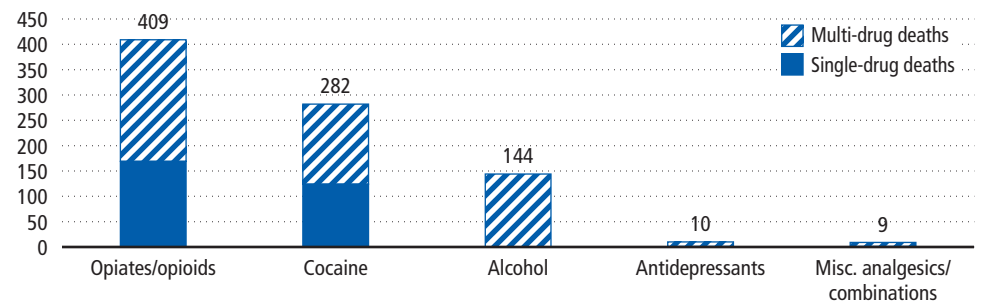
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

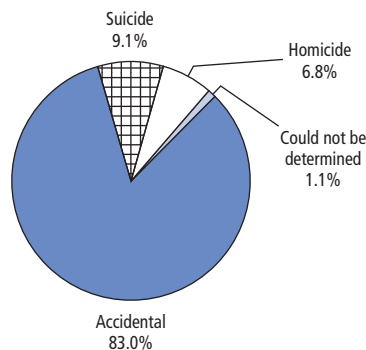
# Chicago-Naperville-Joliet, IL-IN-WI: Lake County, IL



## Lake County, IL: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	80
Drug-related suicide.....	8
<b>Population .....</b>	<b>712,453</b>
<b>Deaths per 100,000 population</b>	
Drug-related.....	11.2
Drug-related suicide.....	1.1

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>	<b>Deaths</b>
Health care facility	27
Home	38
Public place	9
Other	4
Not documented	--
<b>Drug-related suicide</b>	<b>Deaths</b>
Health care facility	--
Home	5
Public place	--
Other	--
Not documented	0

## Drug-related deaths by drug category, 2007-2008

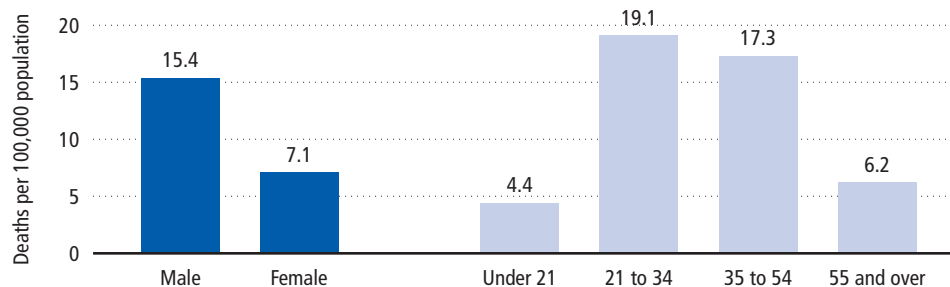
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>76</b>	<b>80</b>	<b>21</b>	<b>9</b>	<b>8</b>	<b>0</b>
Alcohol*	54	45	--	7	5	--
Cocaine	35	29	6	0	--	--
Marijuana	6	0	0	0	0	--
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	0
Antidepressants	7	7	--	--	--	--
Antipsychotics	--	--	0	0	--	--
Benzodiazepines	9	12	0	--	--	--
Misc. anxiolytics, sedatives, and hypnotics	5	4	0	--	4	--
Opiates/opioids	55	61	11	4	--	--
Heroin (specified)	18	31	8	0	0	--
Methadone	15	6	0	--	0	--
All other opiates/opioids	30	31	--	--	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	0	0	0	0	0
Misc. analgesics/combinations	--	--	0	--	--	--
Anticonvulsants	--	--	0	0	0	0
Muscle relaxants	--	--	0	0	--	--

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

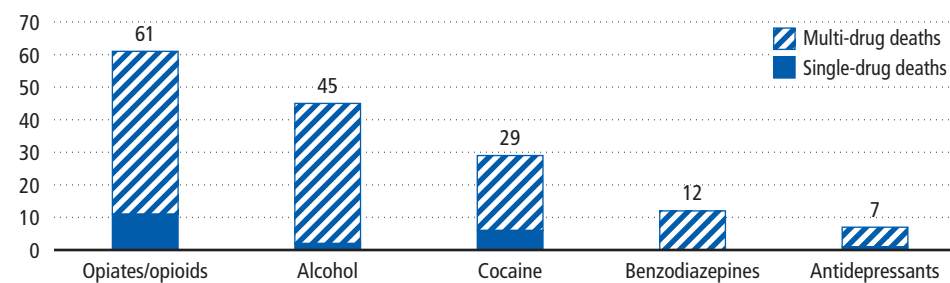
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



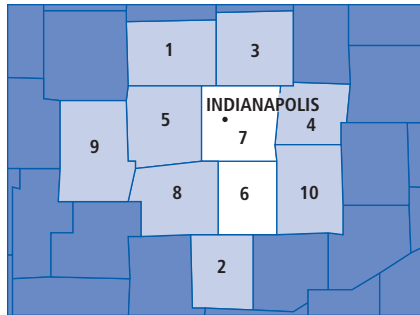
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

# Indianapolis-Carmel, IN



Deaths reported to DAWN  
 Drug-related.....167  
 Drug-related suicide.....17

Metro area  
 population, 2008..... 1,715,459

Population  
 covered by DAWN..... 1,019,538

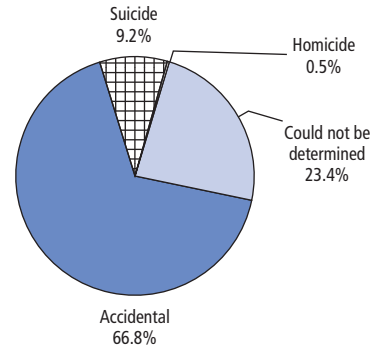
Percent of population  
 covered by DAWN..... 59%

## Metro area overview: Deaths and population by county, 2008

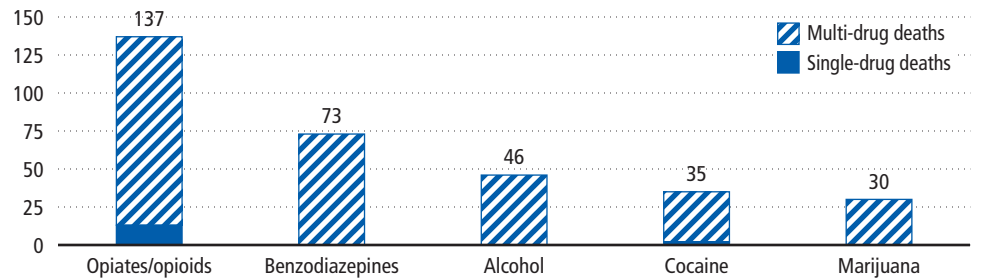
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (2)</b>	<b>167</b>	<b>16.4</b>	<b>17</b>	<b>1.7</b>	<b>1,019,538</b>
1. Boone County, IN					55,027
2. Brown County, IN					14,550
3. Hamilton County, IN					269,785
4. Hancock County, IN					67,282
5. Hendricks County, IN					137,240
6. Johnson County, IN	19	13.7	0	0.0	139,158
7. Marion County, IN	148	16.8	17	1.9	880,380
8. Morgan County, IN					70,668
9. Putnam County, IN					37,183
10. Shelby County, IN					44,186

Shaded areas did not participate in DAWN this year.

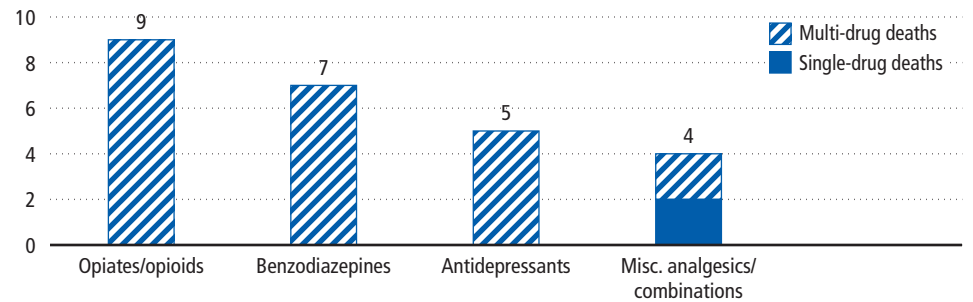
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

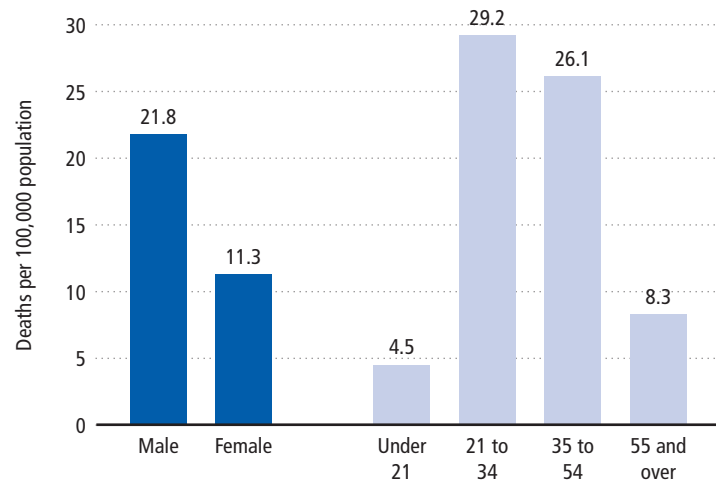


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

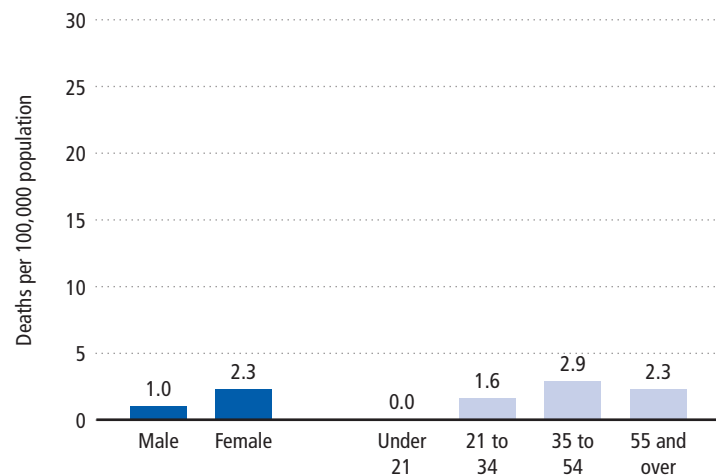
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Indianapolis-Carmel, IN

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	46	Health care facility	4
Home	87	Home	11
Public place	5	Public place	0
Other	29	Other	--
Not documented	0	Not documented	0

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>121</b>	<b>167</b>	<b>22</b>	<b>17</b>	<b>17</b>	<b>4</b>
Alcohol*	29	46	0	4	--	0
Cocaine	34	35	--	--	0	0
Marijuana	24	30	0	--	--	0
Stimulants	--	4	0	0	0	0
Club drugs†	0	0	0	0	0	0
Hallucinogens††	--	0	0	0	0	0
Inhalants	0	--	--	0	0	0
Antidepressants	17	15	--	--	5	0
Antipsychotics	0	--	0	--	--	--
Benzodiazepines	56	73	0	6	7	0
Misc. anxiolytics, sedatives, and hypnotics	--	7	0	--	--	0
Opiates/opioids	103	137	13	9	9	0
Heroin (specified)	8	30	--	0	0	0
Methadone	32	37	--	0	--	0
All other opiates/opioids	83	110	8	9	9	0
Nonsteroidal anti-inflammatory agents	--	--	0	--	--	0
Salicylates/combinations	--	--	--	--	--	0
Misc. analgesics/combinations	7	6	0	--	4	--
Anticonvulsants	--	--	0	--	--	--
Muscle relaxants	--	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.

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, 2008 (08/2009 update).

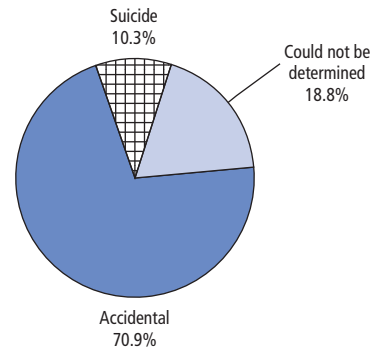
# Indianapolis-Carmel, IN: Marion County, IN



## Marion County, IN: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	148
Drug-related suicide.....	17
<b>Population .....</b>	<b>880,380</b>
<b>Deaths per 100,000 population</b>	
Drug-related.....	16.8
Drug-related suicide.....	1.9

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>	<b>Deaths</b>
Health care facility	43
Home	76
Public place	--
Other	26
Not documented	0
<b>Drug-related suicide</b>	<b>Deaths</b>
Health care facility	4
Home	11
Public place	0
Other	--
Not documented	0

## Drug-related deaths by drug category, 2007-2008

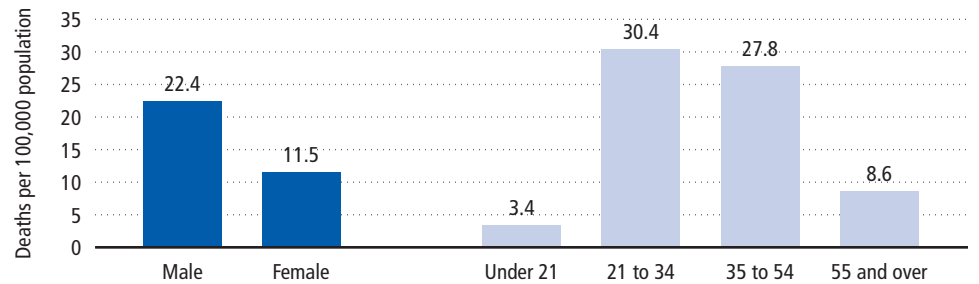
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>105</b>	<b>148</b>	<b>20</b>	<b>15</b>	<b>17</b>	<b>4</b>
Alcohol*	26	43	0	4	--	0
Cocaine	31	33	--	--	0	0
Marijuana	18	25	0	0	--	0
Stimulants	--	4	0	0	0	0
Club drugs†	0	0	0	0	0	0
Hallucinogens††	--	0	0	0	0	0
Inhalants	0	--	--	0	0	0
Antidepressants	15	11	--	--	5	0
Antipsychotics	0	0	0	--	--	--
Benzodiazepines	47	65	0	5	7	0
Misc. anxiolytics, sedatives, and hypnotics	--	5	0	--	--	0
Opiates/opioids	89	123	12	8	9	0
Heroin (specified)	8	29	--	0	0	0
Methadone	26	31	--	0	--	0
All other opiates/opioids	72	100	8	8	9	0
Nonsteroidal anti-inflammatory agents	--	--	0	--	--	0
Salicylates/combinations	--	--	--	--	--	0
Misc. analgesics/combinations	6	4	0	--	4	--
Anticonvulsants	--	--	0	--	--	--
Muscle relaxants	--	--	0	0	--	0

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

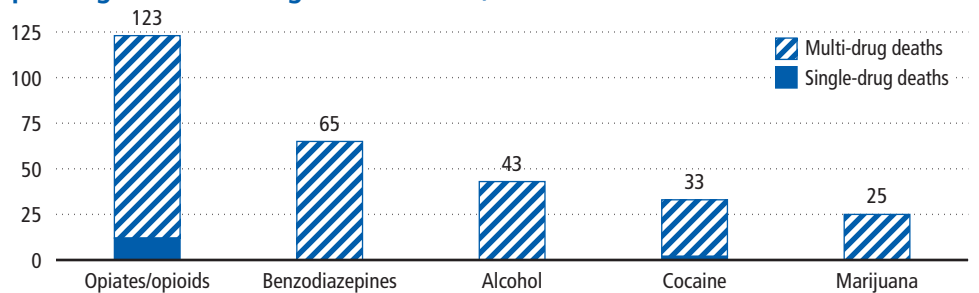
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



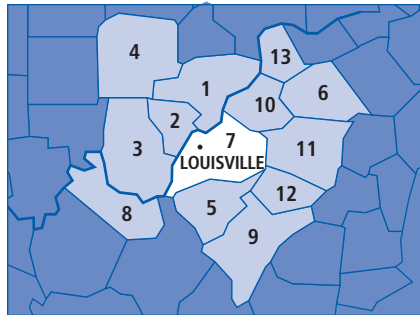
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

# Louisville-Jefferson County, KY-IN



**Deaths reported to DAWN**  
 Drug-related.....100  
 Drug-related suicide.....20

**Metro area population, 2008**..... 1,244,696

**Population covered by DAWN**..... 713,877

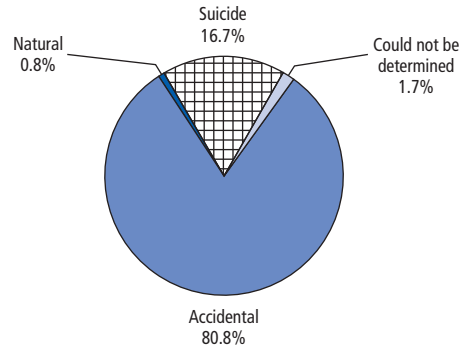
**Percent of population covered by DAWN**..... 57%

## Metro area overview: Deaths and population by county, 2008

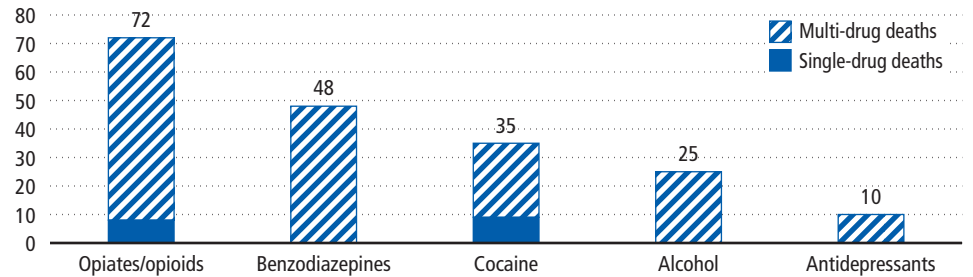
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>100</b>	<b>14.0</b>	<b>20</b>	<b>2.8</b>	<b>713,877</b>
1. Clark County, IN					106,673
2. Floyd County, IN					73,780
3. Harrison County, IN					37,067
4. Washington County, IN					27,949
5. Bullitt County, KY					75,028
6. Henry County, KY					15,741
7. Jefferson County, KY	100	14.0	20	2.8	713,877
8. Meade County, KY					27,043
9. Nelson County, KY					43,113
10. Oldham County, KY					56,874
11. Shelby County, KY					41,157
12. Spencer County, KY					17,382
13. Trimble County, KY					9,012

Shaded areas did not participate in DAWN this year.

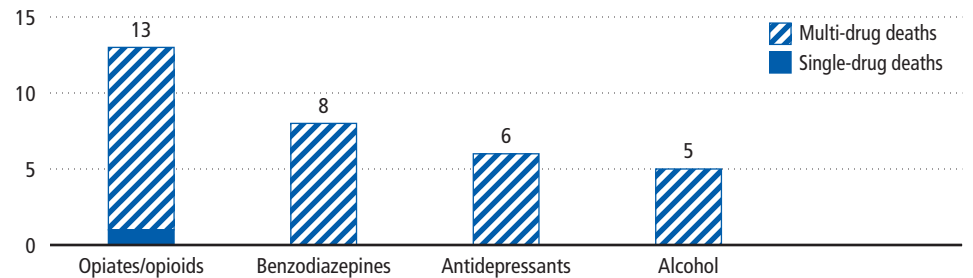
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008



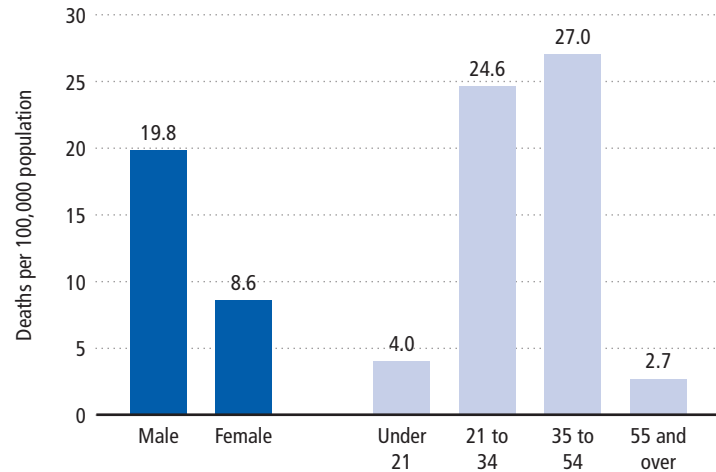
NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

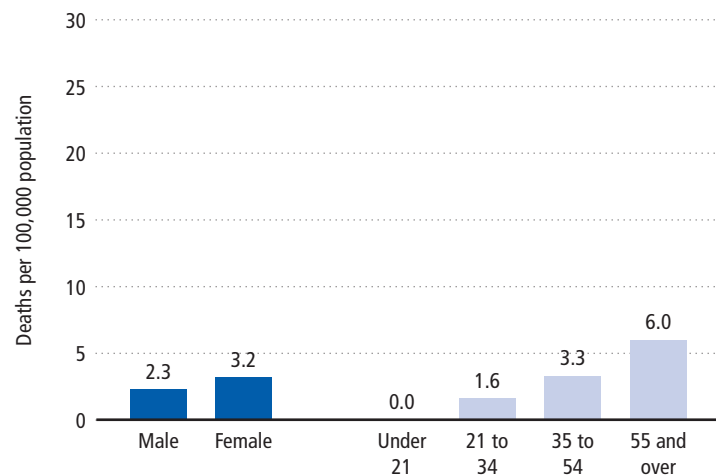


# Louisville-Jefferson County, KY-IN

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	37	Health care facility	--
Home	44	Home	17
Public place	7	Public place	--
Other	12	Other	0
Not documented	0	Not documented	0

**Drug-related deaths by drug category, 2007-2008**

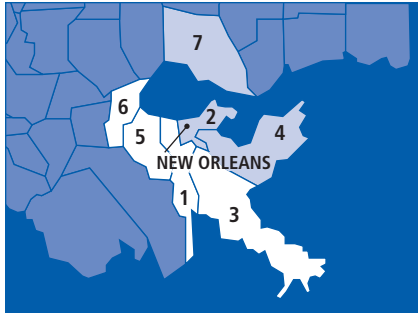
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>		<b>100</b>	<b>18</b>		<b>20</b>	<b>--</b>
Alcohol*		25	0		5	--
Cocaine		35	9		0	--
Marijuana		--	0		0	--
Stimulants		--	0		0	--
Club drugs†		--	0		0	--
Hallucinogens††		0	0		0	--
Inhalants		0	0		0	--
Antidepressants		10	0		6	--
Antipsychotics		4	0		--	--
Benzodiazepines		48	0		8	--
Misc. anxiolytics, sedatives, and hypnotics		--	0		--	--
Opiates/opioids		72	8		13	--
Heroin (specified)		0	0		0	--
Methadone		34	4		--	--
All other opiates/opioids		49	4		11	--
Nonsteroidal anti-inflammatory agents		0	0		--	--
Salicylates/combinations		--	0		0	--
Misc. analgesics/combinations		6	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.

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, 2008 (08/2009 update).

# New Orleans-Metairie-Kenner, LA



<b>Deaths reported to DAWN</b>	
Drug-related.....	108
Drug-related suicide.....	9
<b>Metro area population, 2008.....</b>	
	1,134,029
<b>Population covered by DAWN.....</b>	
	555,998
<b>Percent of population covered by DAWN.....</b>	
	49%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (4)</b>	<b>108</b>	<b>19.4</b>	<b>9</b>	<b>1.6</b>	<b>555,998</b>
1. Jefferson Parish, LA	90	20.6	6	1.4	436,181
2. Orleans Parish, LA					311,853
3. Plaquemines Parish, LA	9	42.3	2	9.4	21,276
4. St. Bernard Parish, LA					37,722
5. St. Charles Parish, LA	6	11.6	1	1.9	51,547
6. St. John the Baptist Parish, LA	3	6.4	0	0.0	46,994
7. St. Tammany Parish, LA					228,456

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, 2008 (08/2009 update).

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



## Jefferson Parish, LA: Deaths and population, 2008

**Deaths reported to DAWN**

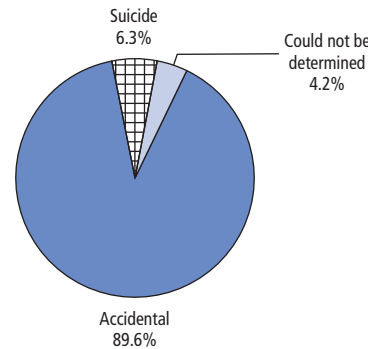
Drug-related.....	90
Drug-related suicide.....	6

**Population .....** 436,181

**Deaths per 100,000 population**

Drug-related.....	20.6
Drug-related suicide.....	1.4

## Deaths by manner of death, 2008



## Place of death, 2008

Drug-related	Deaths
Health care facility	8
Home	62
Public place	0
Other	20
Not documented	0

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

## Drug-related deaths by drug category, 2007-2008

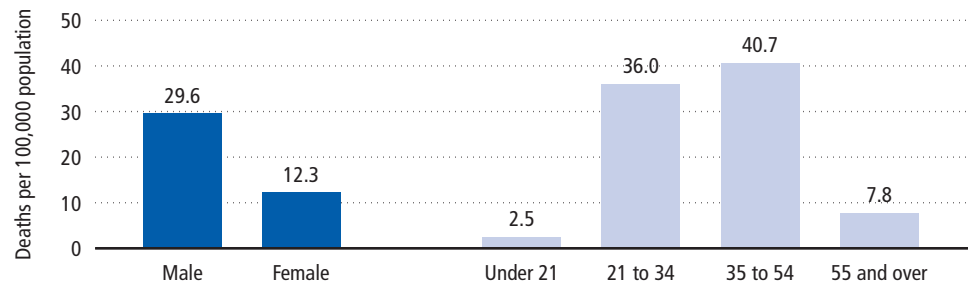
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>120</b>	<b>90</b>	<b>7</b>	<b>5</b>	<b>6</b>	<b>0</b>
Alcohol*	33	25	0	--	--	--
Cocaine	60	33	4	0	--	--
Marijuana	28	16	0	--	0	--
Stimulants	5	7	0	0	--	--
Club drugs†	0	--	0	0	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	--	0	0	0	0	0
Antidepressants	11	12	0	4	--	--
Antipsychotics	--	--	0	--	0	--
Benzodiazepines	59	33	--	--	--	--
Misc. anxiolytics, sedatives, and hypnotics	15	12	0	0	--	--
Opiates/opioids	92	68	--	--	--	--
Heroin (specified)	10	6	0	0	--	--
Methadone	46	17	--	0	--	--
All other opiates/opioids	65	58	--	--	--	--
Nonsteroidal anti-inflammatory agents	0	--	0	0	0	0
Salicylates/combinations	0	0	0	0	0	0
Misc. analgesics/combinations	20	15	0	--	0	--
Anticonvulsants	--	6	0	0	--	--
Muscle relaxants	26	18	0	0	--	--

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

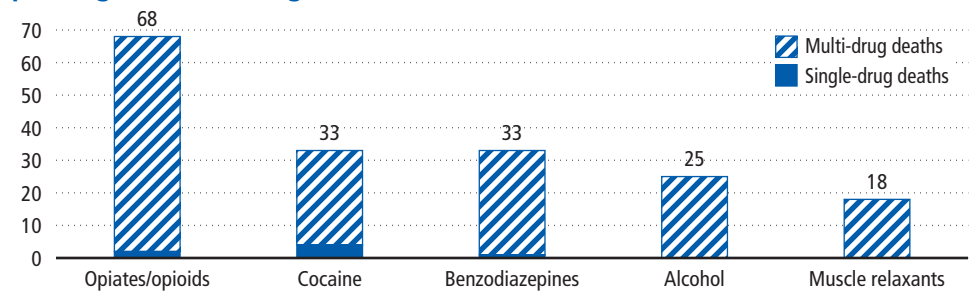
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



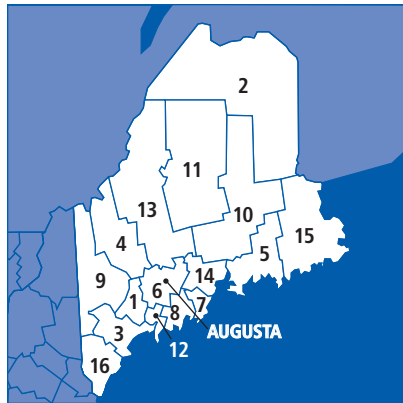
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

# Maine



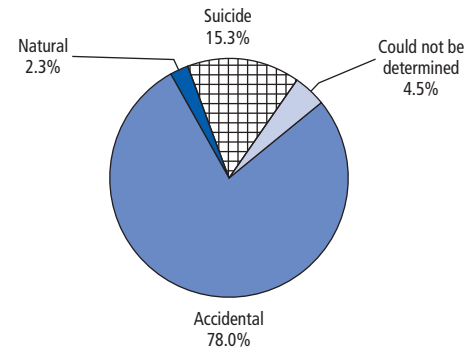
**Deaths reported to DAWN**  
 Drug-related.....150  
 Drug-related suicide.....27

**State population, 2008**..... 1,316,456

**Population covered by DAWN**..... 1,316,456

**Percent of population covered by DAWN**..... 100%

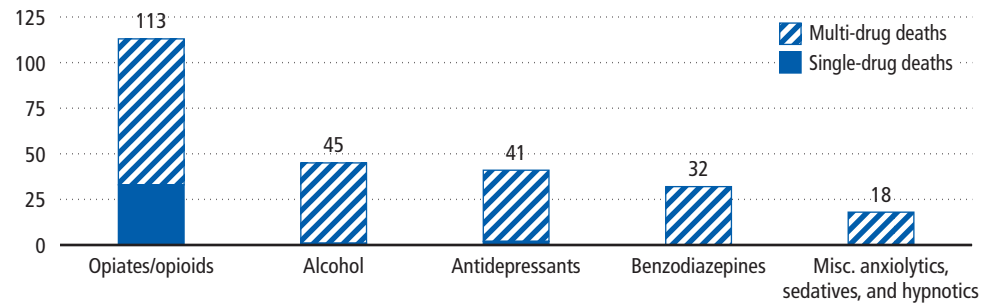
## Deaths by manner of death, 2008



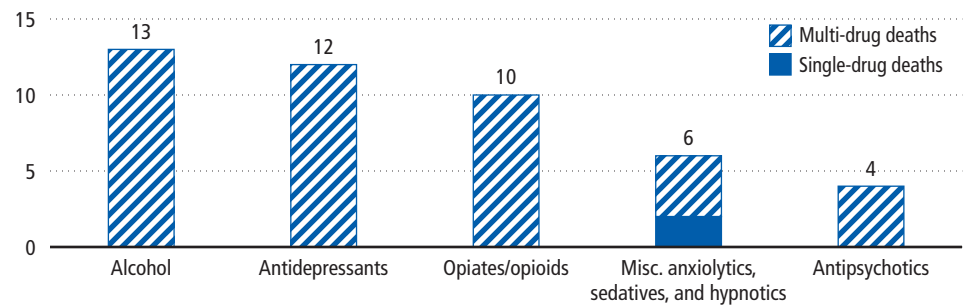
## State overview: Deaths and population by county, 2008

Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (16)</b>	<b>150</b>	<b>11.4</b>	<b>27</b>	<b>2.1</b>	<b>1,316,456</b>
1. Androscoggin County	16	15.0	2	1.9	106,877
2. Aroostook County	5	7.0	0	0.0	71,676
3. Cumberland County	45	16.3	10	3.6	276,047
4. Franklin County	1	3.3	0	0.0	29,857
5. Hancock County	5	9.4	0	0.0	53,137
6. Kennebec County	9	7.4	3	2.5	120,959
7. Knox County	5	12.3	2	4.9	40,686
8. Lincoln County	2	5.8	0	0.0	34,628
9. Oxford County	2	3.5	1	1.8	56,741
10. Penobscot County	22	14.8	3	2.0	148,651
11. Piscataquis County	3	17.7	1	5.9	16,961
12. Sagadahoc County	2	5.5	0	0.0	36,332
13. Somerset County	2	3.9	1	1.9	51,377
14. Waldo County	1	2.6	0	0.0	38,342
15. Washington County	6	18.5	1	3.1	32,499
16. York County	24	11.9	3	1.5	201,686

## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

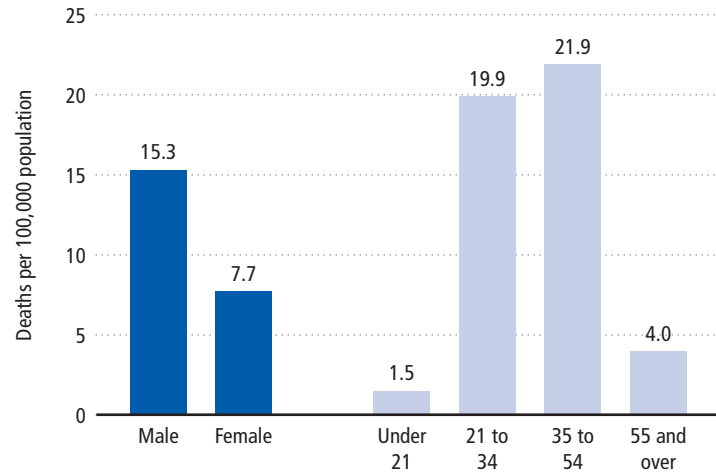


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

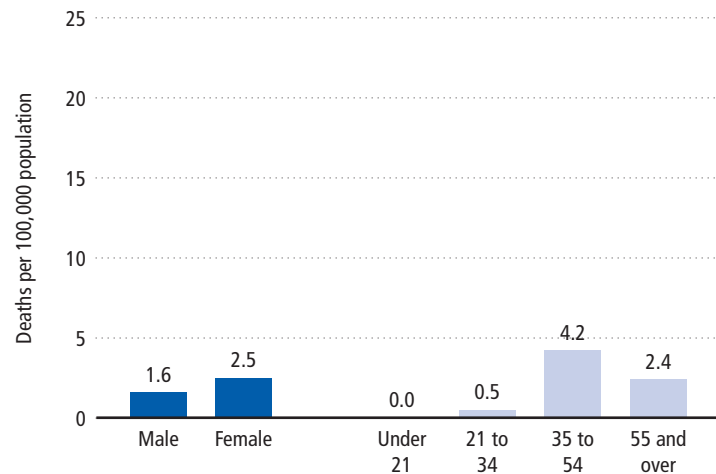
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Maine

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	41	Health care facility	8
Home	84	Home	16
Public place	--	Public place	--
Other	23	Other	--
Not documented	0	Not documented	0

**Drug-related deaths by drug category, 2007-2008**

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>132</b>	<b>150</b>	<b>46</b>	<b>22</b>	<b>27</b>	<b>4</b>
Alcohol*	22	45	--	5	13	0
Cocaine	28	14	--	--	0	0
Marijuana	--	0	0	0	0	0
Stimulants	--	--	0	--	0	0
Club drugs†	0	--	0	0	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	0	0	0	0	0	0
Antidepressants	31	41	--	13	12	0
Antipsychotics	7	10	--	--	4	0
Benzodiazepines	29	32	0	4	4	0
Misc. anxiolytics, sedatives, and hypnotics	11	18	0	4	6	--
Opiates/opioids	109	113	33	10	10	0
Heroin (specified)	4	--	--	0	--	0
Methadone	57	54	21	--	--	0
All other opiates/opioids	66	65	10	9	7	0
Nonsteroidal anti-inflammatory agents	0	0	0	--	0	0
Salicylates/combinations	0	0	0	0	--	--
Misc. analgesics/combinations	--	8	0	--	--	--
Anticonvulsants	--	0	0	--	0	0
Muscle relaxants	5	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.

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, 2008 (08/2009 update).

## Augusta-Waterville, ME



Deaths reported to DAWN	
Drug-related.....	9
Drug-related suicide.....	3
Metro area population, 2008..... 120,959	
Population covered by DAWN..... 120,959	
Percent of population covered by DAWN..... 100%	

### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	9	7.4	3	2.5	120,959
1. Kennebec County, ME	9	7.4	3	2.5	120,959

## Bangor, ME



Deaths reported to DAWN	
Drug-related.....	22
Drug-related suicide.....	3
Metro area population, 2008..... 148,651	
Population covered by DAWN..... 148,651	
Percent of population covered by DAWN..... 100%	

### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	22	14.8	3	2.0	148,651
1. Penobscot County, ME	22	14.8	3	2.0	148,651

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, 2008 (08/2009 update).

# Lewiston-Auburn, ME



<b>Deaths reported to DAWN</b>	
Drug-related.....	16
Drug-related suicide.....	2
<b>Metro area population, 2008.....</b>	
	106,877
<b>Population covered by DAWN.....</b>	
	106,877
<b>Percent of population covered by DAWN.....</b>	
	100%

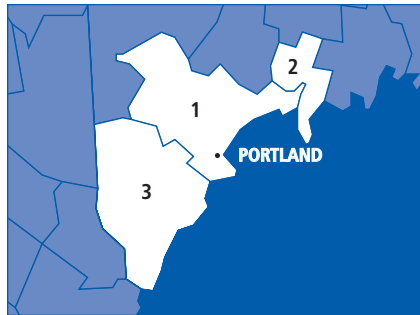
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>16</b>	<b>15.0</b>	<b>2</b>	<b>1.9</b>	<b>106,877</b>
1. Androscoggin County, ME	16	15.0	2	1.9	106,877

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, 2008 (08/2009 update).

# Portland-South Portland-Biddeford, ME



**Deaths reported to DAWN**

Drug-related.....	71
Drug-related suicide.....	13

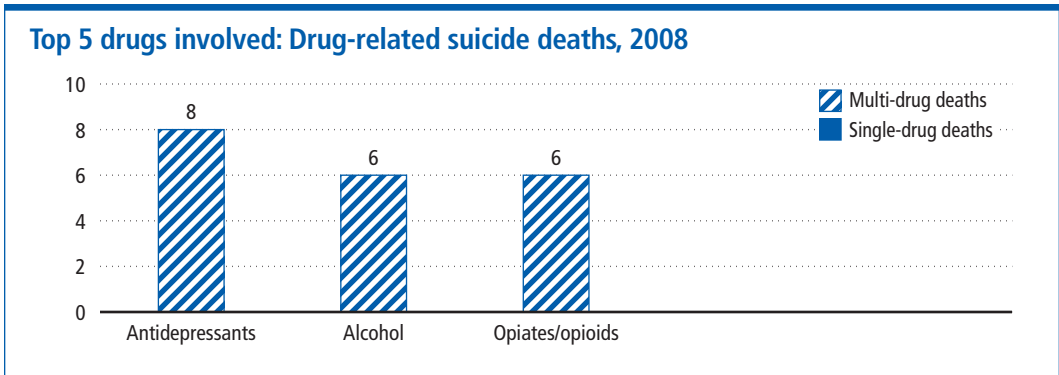
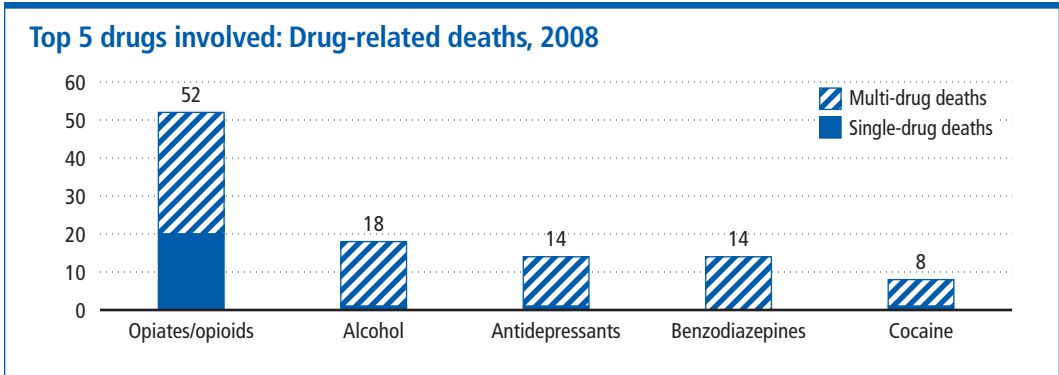
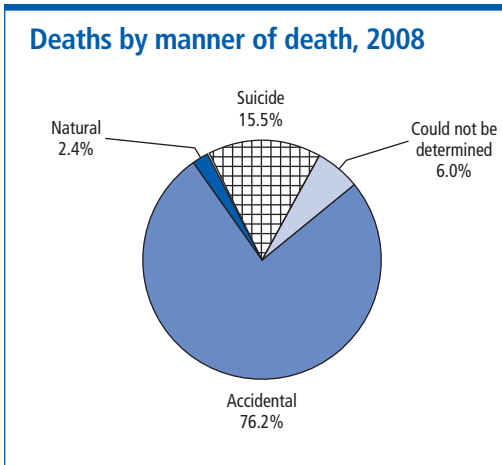
**Metro area population, 2008.....** 514,065

**Population covered by DAWN.....** 514,065

**Percent of population covered by DAWN.....** 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (3)</b>	<b>71</b>	<b>13.8</b>	<b>13</b>	<b>2.5</b>	<b>514,065</b>
1. Cumberland County, ME	45	16.3	10	3.6	276,047
2. Sagadahoc County, ME	2	5.5	0	0.0	36,332
3. York County, ME	24	11.9	3	1.5	201,686



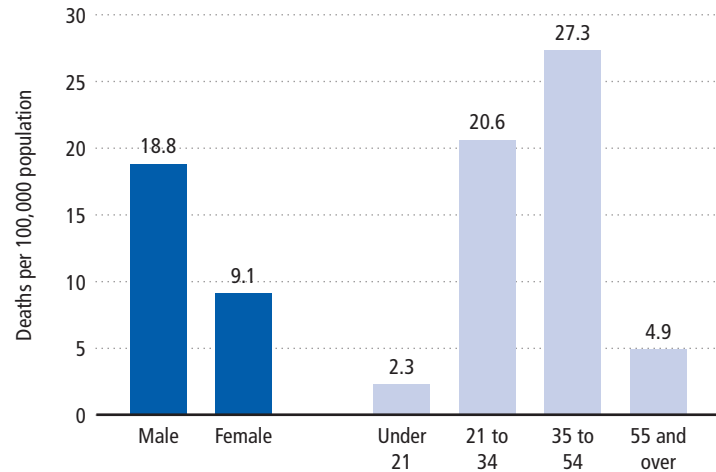
NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

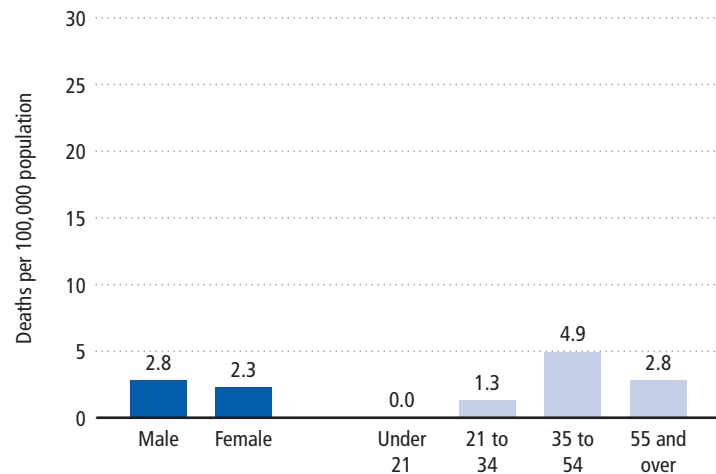


# Portland-South Portland-Biddeford, ME

### Death rates by gender and age: Drug-related, 2008



### Death rates by gender and age: Drug-related suicide, 2008



### Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	23	Health care facility	--
Home	35	Home	8
Public place	--	Public place	--
Other	11	Other	--
Not documented	0	Not documented	0

### Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>55</b>	<b>71</b>	<b>28</b>	<b>8</b>	<b>13</b>	<b>--</b>
Alcohol*	7	18	--	--	6	--
Cocaine	16	8	--	--	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	14	--	4	8	--
Antipsychotics	--	5	0	--	0	--
Benzodiazepines	15	14	0	0	--	--
Misc. anxiolytics, sedatives, and hypnotics	--	5	0	--	--	--
Opiates/opioids	49	52	20	--	6	--
Heroin (specified)	--	--	--	0	--	--
Methadone	27	24	12	0	--	--
All other opiates/opioids	32	29	6	--	5	--
Nonsteroidal anti-inflammatory agents	0	0	0	--	0	--
Salicylates/combinations	0	0	0	0	0	--
Misc. analgesics/combinations	0	--	0	--	--	--
Anticonvulsants	--	0	0	0	0	--
Muscle relaxants	--	--	--	0	--	--

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

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

†† Includes PCP, LSD, and miscellaneous hallucinogens.

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, 2008 (08/2009 update).

# Rockland, ME



<b>Deaths reported to DAWN</b>	
Drug-related.....	5
Drug-related suicide.....	2
<b>Metro area population, 2008.....</b>	
	40,686
<b>Population covered by DAWN.....</b>	
	40,686
<b>Percent of population covered by DAWN.....</b>	
	100%

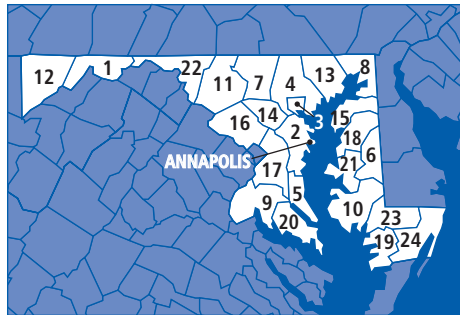
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>5</b>	<b>12.3</b>	<b>2</b>	<b>4.9</b>	<b>40,686</b>
1. Knox County, ME	5	12.3	2	4.9	40,686

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, 2008 (08/2009 update).

# Maryland



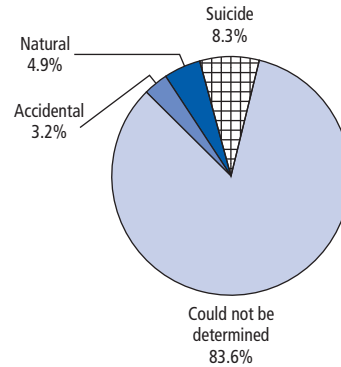
**Deaths reported to DAWN**  
 Drug-related..... 653  
 Drug-related suicide..... 59

**State population, 2008**..... 5,633,597

**Population covered by DAWN**..... 5,633,597

**Percent of population covered by DAWN**..... 100%

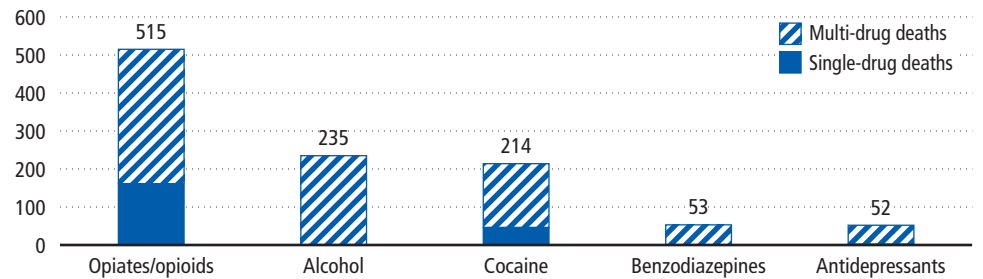
## Deaths by manner of death, 2008



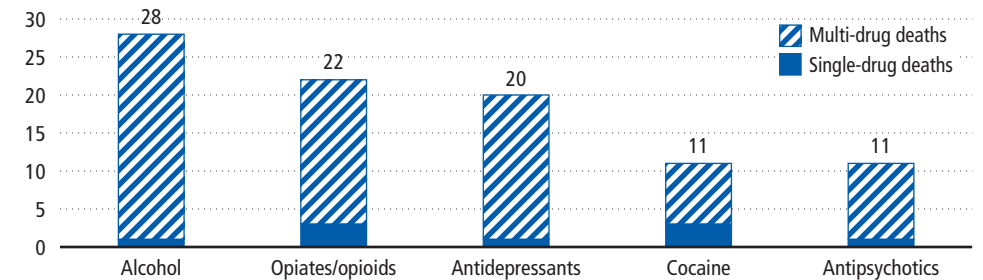
## State overview: Deaths and population by county, 2008

Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (24)</b>	<b>653</b>	<b>11.6</b>	<b>59</b>	<b>1.0</b>	<b>5,633,597</b>
1. Allegany County	9	12.5	2	2.8	72,238
2. Anne Arundel County	63	12.3	5	1.0	512,790
3. Baltimore City	191	30.0	5	0.8	636,919
4. Baltimore County	93	11.8	12	1.5	785,618
5. Calvert County	11	12.4	2	2.3	88,698
6. Caroline County	2	6.0	0	0.0	33,138
7. Carroll County	15	8.9	2	1.2	169,353
8. Cecil County	10	10.0	2	2.0	99,926
9. Charles County	16	11.4	2	1.4	140,764
10. Dorchester County	4	12.5	0	0.0	31,998
11. Frederick County	11	4.9	2	0.9	225,721
12. Garrett County	2	6.7	1	3.4	29,698
13. Harford County	32	13.3	2	0.8	240,351
14. Howard County	18	6.5	2	0.7	274,995
15. Kent County	5	24.8	0	0.0	20,151
16. Montgomery County	40	4.2	11	1.2	950,680
17. Prince George's County	60	7.3	3	0.4	820,852
18. Queen Anne's County	3	6.4	0	0.0	47,091
19. Somerset County	3	11.5	1	3.8	26,119
20. St. Mary's County	13	12.8	0	0.0	101,578
21. Talbot County	8	22.1	2	5.5	36,215
22. Washington County	22	15.1	0	0.0	145,384
23. Wicomico County	12	12.8	2	2.1	94,046
24. Worcester County	10	20.3	1	2.0	49,274

## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

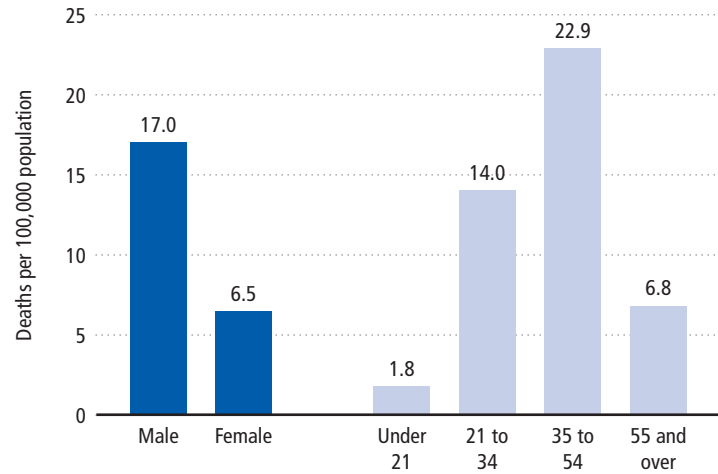


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

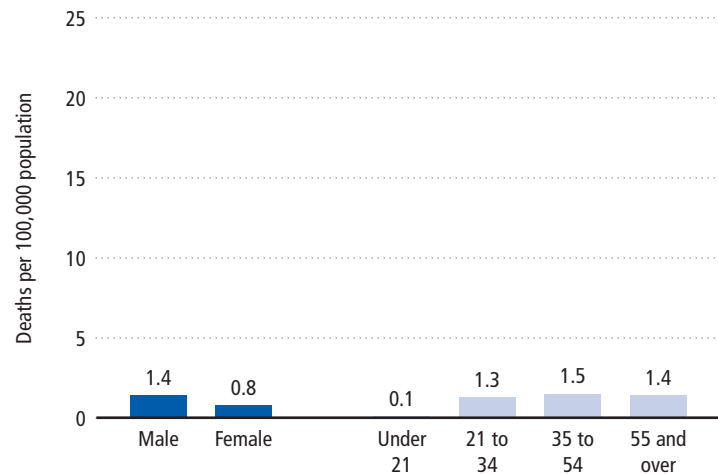
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Maryland

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	240	Health care facility	14
Home	284	Home	34
Public place	7	Public place	--
Other	121	Other	9
Not documented	--	Not documented	0

**Drug-related deaths by drug category, 2007-2008**

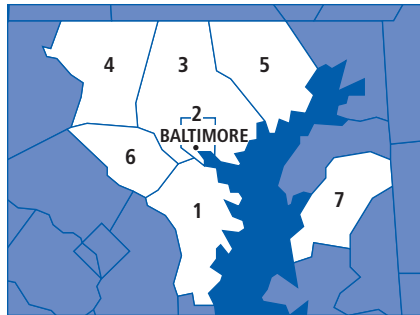
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>821</b>	<b>653</b>	<b>221</b>	<b>61</b>	<b>59</b>	<b>14</b>
Alcohol*	276	235	--	21	28	--
Cocaine	337	214	46	10	11	--
Marijuana	--	0	0	0	0	0
Stimulants	--	--	--	0	0	0
Club drugs†	--	--	0	0	0	0
Hallucinogens††	10	12	--	--	--	0
Inhalants	0	--	--	--	0	0
Antidepressants	83	52	--	12	20	--
Antipsychotics	23	18	--	10	11	--
Benzodiazepines	41	53	--	7	7	--
Misc. anxiolytics, sedatives, and hypnotics	55	33	--	16	10	--
Opiates/opioids	645	515	161	16	22	--
Heroin (specified)	142	111	39	0	--	0
Methadone	227	164	54	--	0	0
All other opiates/opioids	355	292	68	14	21	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	--	--	--	--	--	0
Misc. analgesics/combinations	39	35	--	4	10	--
Anticonvulsants	6	0	0	--	--	0
Muscle relaxants	17	10	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.

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, 2008 (08/2009 update).

# Baltimore-Towson, MD

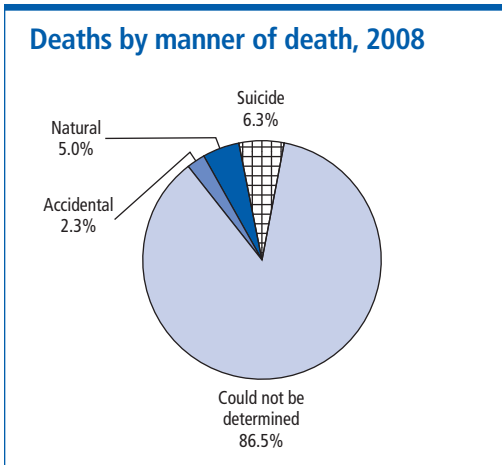


**Deaths reported to DAWN**  
 Drug-related.....415  
 Drug-related suicide.....28

**Metro area population, 2008**..... 2,667,117

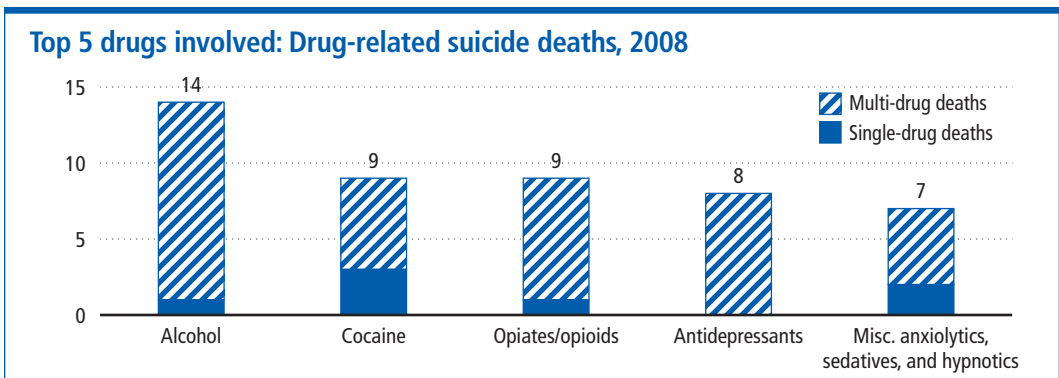
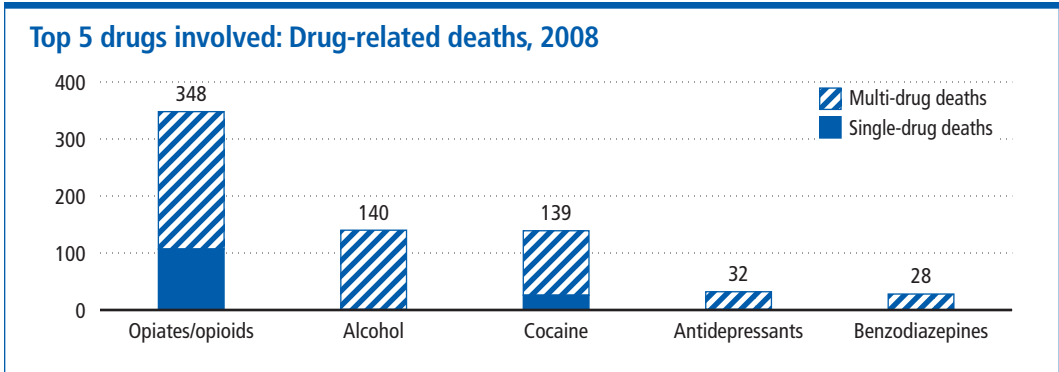
**Population covered by DAWN**..... 2,667,117

**Percent of population covered by DAWN**..... 100%



## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (7)</b>	<b>415</b>	<b>15.6</b>	<b>28</b>	<b>1.0</b>	<b>2,667,117</b>
1. Anne Arundel County, MD	63	12.3	5	1.0	512,790
2. Baltimore City, MD	191	30.0	5	0.8	636,919
3. Baltimore County, MD	93	11.8	12	1.5	785,618
4. Carroll County, MD	15	8.9	2	1.2	169,353
5. Harford County, MD	32	13.3	2	0.8	240,351
6. Howard County, MD	18	6.5	2	0.7	274,995
7. Queen Anne's County, MD	3	6.4	0	0.0	47,091

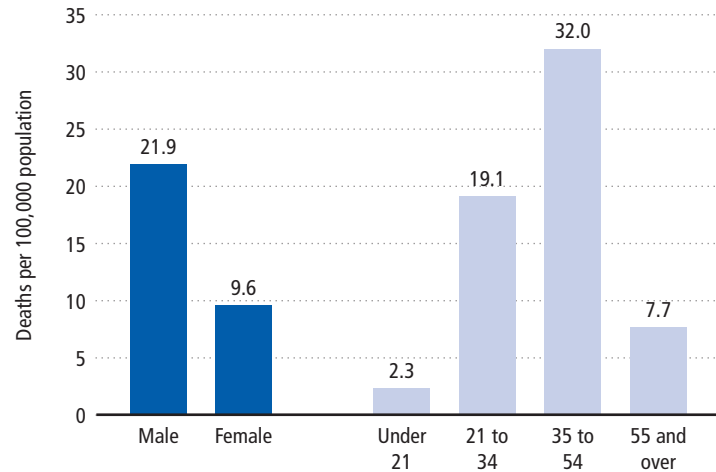


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

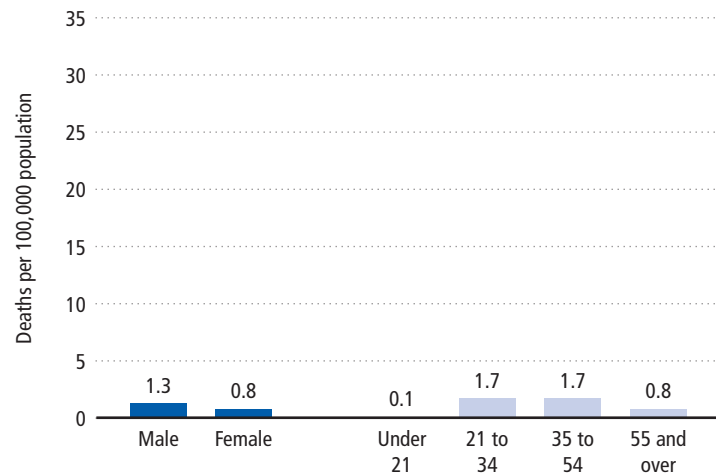
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Baltimore-Towson, MD

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	150	Health care facility	6
Home	186	Home	16
Public place	4	Public place	--
Other	74	Other	5
Not documented	--	Not documented	0

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>556</b>	<b>415</b>	<b>140</b>	<b>35</b>	<b>28</b>	<b>8</b>
Alcohol*	187	140	--	10	14	--
Cocaine	245	139	26	4	9	--
Marijuana	--	0	0	0	0	0
Stimulants	0	--	0	0	0	0
Club drugs†	--	--	0	0	0	0
Hallucinogens††	0	--	0	--	--	0
Inhalants	0	--	--	0	0	0
Antidepressants	50	32	--	8	8	0
Antipsychotics	16	11	--	--	4	0
Benzodiazepines	27	28	0	6	--	0
Misc. anxiolytics, sedatives, and hypnotics	36	20	--	11	7	--
Opiates/opioids	467	348	107	10	9	--
Heroin (specified)	118	75	25	0	--	0
Methadone	156	119	38	--	0	0
All other opiates/opioids	252	189	44	8	8	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	0	0	0	0	0
Misc. analgesics/combinations	25	17	--	--	--	--
Anticonvulsants	--	0	0	--	0	0
Muscle relaxants	14	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.

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, 2008 (08/2009 update).

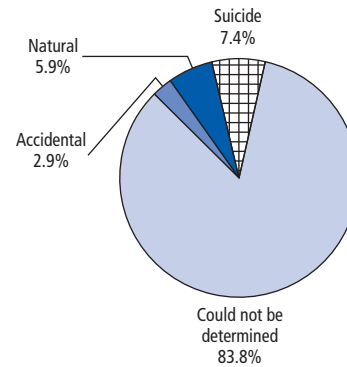
# Baltimore-Towson, MD: Anne Arundel County, MD



## Anne Arundel County, MD: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	63
Drug-related suicide.....	5
<b>Population</b> .....	512,790
<b>Deaths per 100,000 population</b>	
Drug-related.....	12.3
Drug-related suicide.....	1.0

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility		16
Home		37
Public place		--
Other		9
Not documented		0
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility		--
Home		--
Public place		0
Other		--
Not documented		0

## Drug-related deaths by drug category, 2007-2008

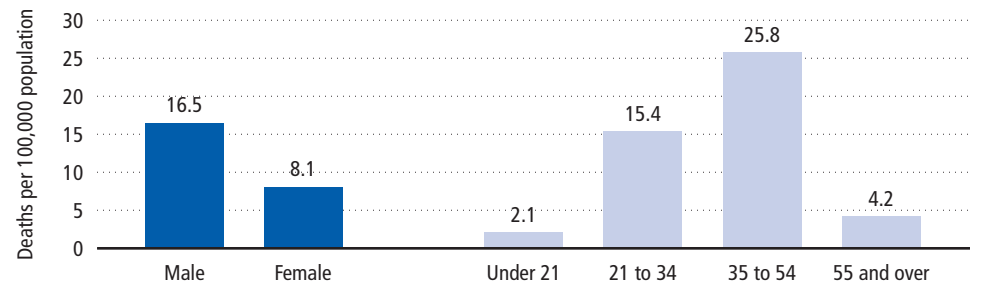
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>63</b>	<b>63</b>	<b>21</b>	<b>8</b>	<b>5</b>	<b>--</b>
Alcohol*	23	24	0	--	--	--
Cocaine	34	17	5	--	--	--
Marijuana	0	0	0	0	0	--
Stimulants	0	0	0	0	0	--
Club drugs†	0	0	0	0	0	--
Hallucinogens††	0	--	0	0	0	--
Inhalants	0	--	--	0	0	--
Antidepressants	7	8	0	--	--	--
Antipsychotics	--	--	0	--	--	--
Benzodiazepines	0	4	0	--	0	--
Misc. anxiolytics, sedatives, and hypnotics	4	7	--	--	0	--
Opiates/opioids	44	51	14	4	--	--
Heroin (specified)	15	7	--	0	0	--
Methadone	14	15	--	--	0	--
All other opiates/opioids	22	32	8	--	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	0	0	0	0	0	--
Misc. analgesics/combinations	--	--	0	--	--	--
Anticonvulsants	--	0	0	--	0	--
Muscle relaxants	--	--	0	0	0	--

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

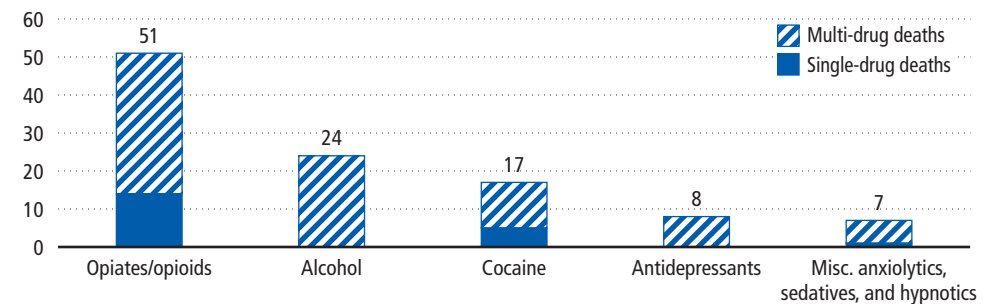
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

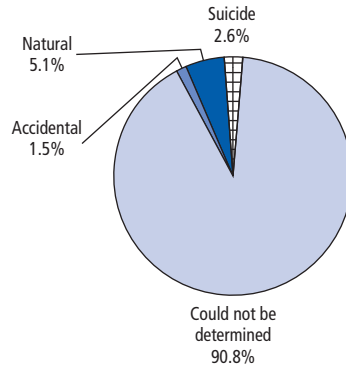
# Baltimore-Towson, MD: Baltimore City, MD



## Baltimore City, MD: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	191
Drug-related suicide.....	5
<b>Population .....</b>	<b>636,919</b>
<b>Deaths per 100,000 population</b>	
Drug-related.....	30.0
Drug-related suicide.....	0.8

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>	<b>Deaths</b>
Health care facility	95
Home	65
Public place	--
Other	27
Not documented	--
<b>Drug-related suicide</b>	<b>Deaths</b>
Health care facility	--
Home	--
Public place	0
Other	0
Not documented	0

## Drug-related deaths by drug category, 2007-2008

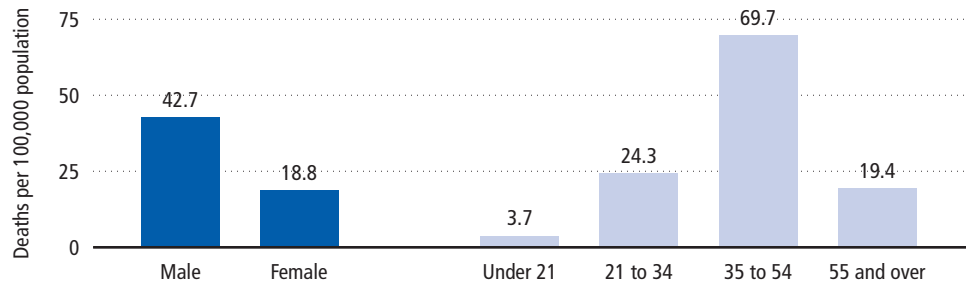
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>318</b>	<b>191</b>	<b>62</b>	<b>11</b>	<b>5</b>	<b>--</b>
Alcohol*	103	65	--	--	--	--
Cocaine	155	81	13	--	--	--
Marijuana	--	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	24	11	0	0	--	--
Antipsychotics	5	--	0	0	0	--
Benzodiazepines	10	5	0	--	0	--
Misc. anxiolytics, sedatives, and hypnotics	13	--	0	--	--	--
Opiates/opioids	274	161	47	--	--	--
Heroin (specified)	76	52	14	0	0	--
Methadone	91	52	17	0	0	--
All other opiates/opioids	144	74	16	--	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	0	0	0	0	0	--
Misc. analgesics/combinations	10	7	--	0	--	--
Anticonvulsants	--	0	0	0	0	--
Muscle relaxants	4	--	0	--	0	--

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

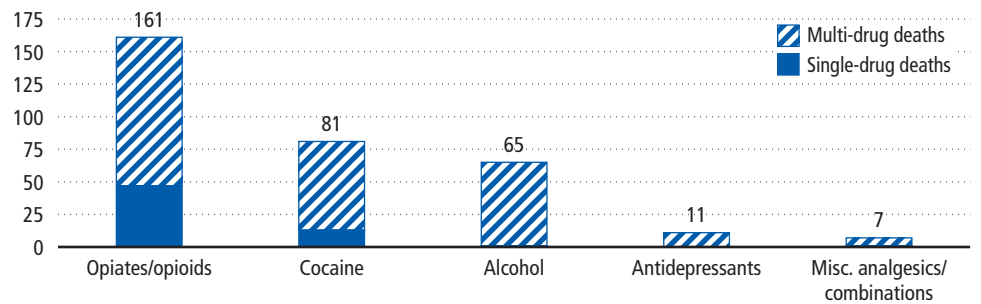
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).



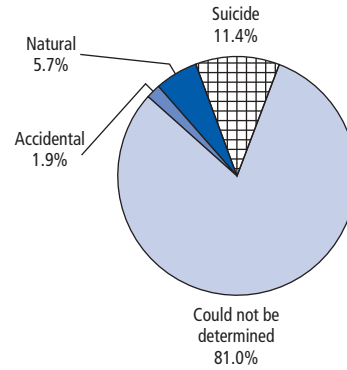
# Baltimore-Towson, MD: Baltimore County, MD



## Baltimore County, MD: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	93
Drug-related suicide.....	12
<b>Population</b> .....	785,618
<b>Deaths per 100,000 population</b>	
Drug-related.....	11.8
Drug-related suicide.....	1.5

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility		24
Home		49
Public place		0
Other		20
Not documented		0
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility		--
Home		8
Public place		--
Other		--
Not documented		0

## Drug-related deaths by drug category, 2007-2008

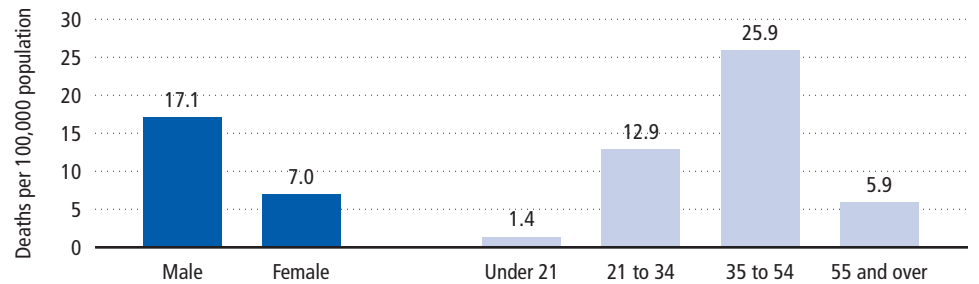
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>108</b>	<b>93</b>	<b>31</b>	<b>7</b>	<b>12</b>	<b>4</b>
Alcohol*	42	29	0	--	7	--
Cocaine	32	30	8	--	--	--
Marijuana	0	0	0	0	0	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	7	0	--	4	0
Antipsychotics	9	5	--	--	--	0
Benzodiazepines	14	10	0	--	0	0
Misc. anxiolytics, sedatives, and hypnotics	11	6	0	--	--	--
Opiates/opioids	90	77	22	4	--	--
Heroin (specified)	13	12	5	0	0	0
Methadone	32	28	10	--	0	0
All other opiates/opioids	53	46	7	--	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	0	0	0	0	0
Misc. analgesics/combinations	6	5	0	0	--	0
Anticonvulsants	--	0	0	0	0	0
Muscle relaxants	4	--	0	--	--	0

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

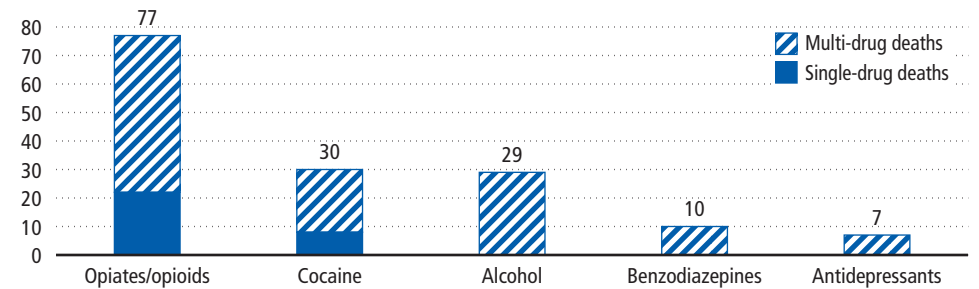
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

# Cambridge, MD



Deaths reported to DAWN

Drug-related.....	4
Drug-related suicide.....	0

Metro area population, 2008 ..... 31,998

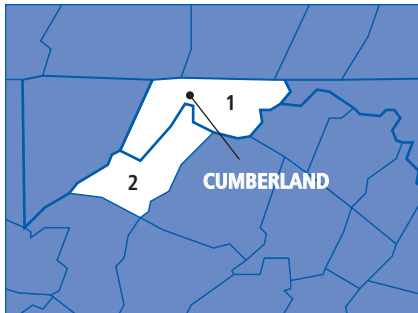
Population covered by DAWN ..... 31,998

Percent of population covered by DAWN ..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>4</b>	<b>12.5</b>	<b>0</b>	<b>0.0</b>	<b>31,998</b>
1. Dorchester County, MD	4	12.5	0	0.0	31,998

# Cumberland, MD-WV



Deaths reported to DAWN

Drug-related.....	15
Drug-related suicide.....	2

Metro area population, 2008 ..... 99,033

Population covered by DAWN ..... 99,033

Percent of population covered by DAWN ..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (2)</b>	<b>15</b>	<b>15.1</b>	<b>2</b>	<b>2.0</b>	<b>99,033</b>
1. Allegany County, MD	9	12.5	2	2.8	72,238
2. Mineral County, WV	6	22.4	0	0.0	26,795

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, 2008 (08/2009 update).

# Easton, MD



<b>Deaths reported to DAWN</b>	
Drug-related.....	8
Drug-related suicide.....	2
<b>Metro area population, 2008.....</b>	
	36,215
<b>Population covered by DAWN.....</b>	
	36,215
<b>Percent of population covered by DAWN.....</b>	
	100%

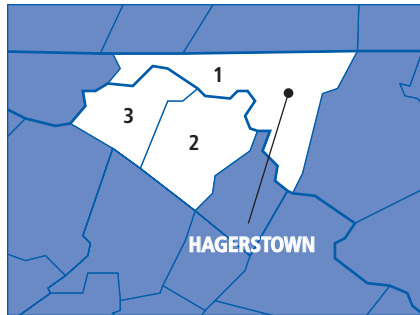
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>8</b>	<b>22.1</b>	<b>2</b>	<b>5.5</b>	<b>36,215</b>
1. Talbot County, MD	8	22.1	2	5.5	36,215

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, 2008 (08/2009 update).

# Hagerstown-Martinsburg, MD-WV



**Deaths reported to DAWN**  
 Drug-related.....48  
 Drug-related suicide.....3

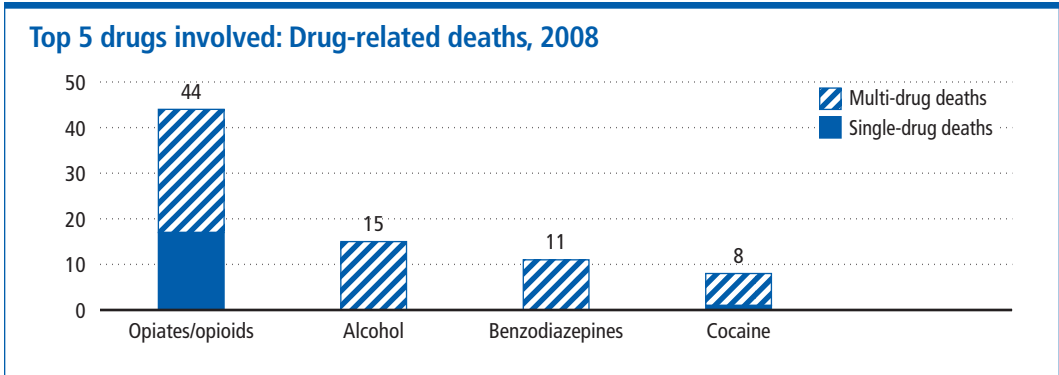
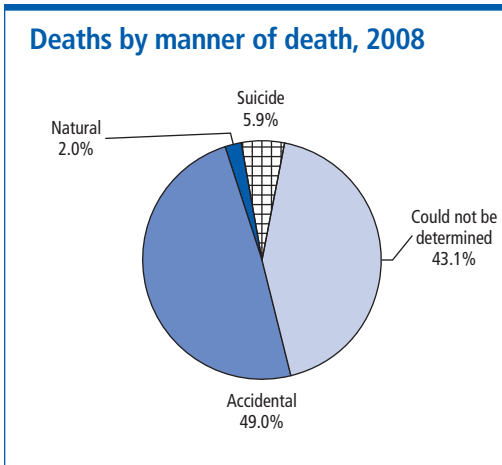
**Metro area population, 2008**..... 263,753

**Population covered by DAWN**..... 263,753

**Percent of population covered by DAWN**..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (3)</b>	<b>48</b>	<b>18.2</b>	<b>3</b>	<b>1.1</b>	<b>263,753</b>
1. Washington County, MD	22	15.1	0	0.0	145,384
2. Berkeley County, WV	23	22.5	2	2.0	102,044
3. Morgan County, WV	3	18.4	1	6.1	16,325



### Top 5 drugs involved: Drug-related suicide deaths, 2008

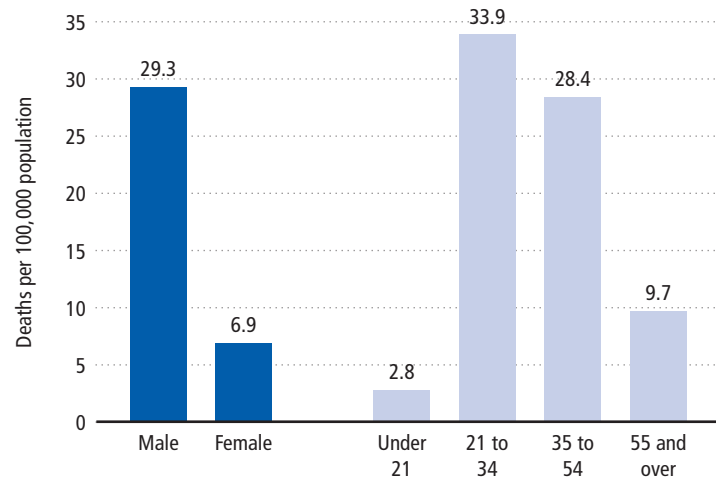
No single drug had 4 or more deaths.

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.

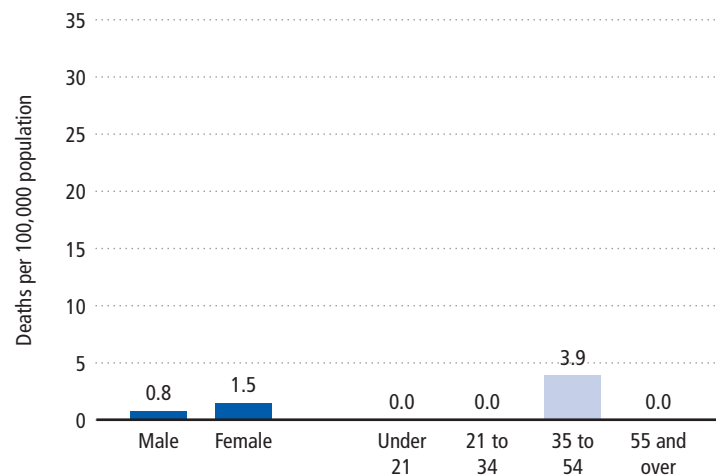
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Hagerstown-Martinsburg, MD-WV

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	12	Health care facility	--
Home	24	Home	--
Public place	--	Public place	0
Other	9	Other	0
Not documented	0	Not documented	0

**Drug-related deaths by drug category, 2007-2008**

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>		<b>48</b>	<b>18</b>		--	--
Alcohol*		15	0		--	--
Cocaine		8	--		--	--
Marijuana		0	0		--	--
Stimulants		0	0		--	--
Club drugs†		0	0		--	--
Hallucinogens††		0	0		--	--
Inhalants		0	0		--	--
Antidepressants		--	0		--	--
Antipsychotics		--	0		--	--
Benzodiazepines		11	0		--	--
Misc. anxiolytics, sedatives, and hypnotics		--	0		--	--
Opiates/opioids		44	17		--	--
Heroin (specified)		15	7		--	--
Methadone		12	5		--	--
All other opiates/opioids		19	5		--	--
Nonsteroidal anti-inflammatory agents		0	0		--	--
Salicylates/combinations		0	0		--	--
Misc. analgesics/combinations		--	0		--	--
Anticonvulsants		0	0		--	--
Muscle relaxants		--	0		--	--

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

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

†† Includes PCP, LSD, and miscellaneous hallucinogens.

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, 2008 (08/2009 update).

# Lexington Park, MD



Deaths reported to DAWN  
 Drug-related.....13  
 Drug-related suicide.....0

Metro area  
 population, 2008 ..... 101,578

Population  
 covered by DAWN ..... 101,578

Percent of population  
 covered by DAWN ..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>13</b>	<b>12.8</b>	<b>0</b>	<b>0.0</b>	<b>101,578</b>
1. St. Mary's County, MD	13	12.8	0	0.0	101,578

# Ocean Pines, MD



Deaths reported to DAWN  
 Drug-related.....10  
 Drug-related suicide.....1

Metro area  
 population, 2008 ..... 49,274

Population  
 covered by DAWN ..... 49,274

Percent of population  
 covered by DAWN ..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>10</b>	<b>20.3</b>	<b>1</b>	<b>2.0</b>	<b>49,274</b>
1. Worcester County, MD	10	20.3	1	2.0	49,274

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, 2008 (08/2009 update).

# Salisbury, MD



<b>Deaths reported to DAWN</b>	
Drug-related.....	15
Drug-related suicide.....	3
<b>Metro area population, 2008.....</b>	
	120,165
<b>Population covered by DAWN.....</b>	
	120,165
<b>Percent of population covered by DAWN.....</b>	
	100%

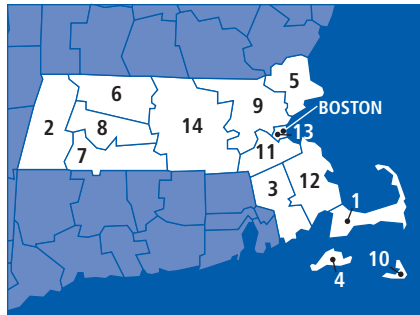
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (2)</b>	<b>15</b>	<b>12.5</b>	<b>3</b>	<b>2.5</b>	<b>120,165</b>
1. Somerset County, MD	3	11.5	1	3.8	26,119
2. Wicomico County, MD	12	12.8	2	2.1	94,046

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, 2008 (08/2009 update).

# Massachusetts



**Deaths reported to DAWN**  
 Drug-related.....914  
 Drug-related suicide.....100

**State population, 2008**..... 6,497,967

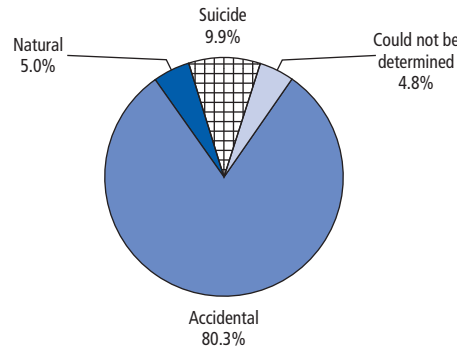
**Population covered by DAWN**..... 6,497,967

**Percent of population covered by DAWN**..... 100%

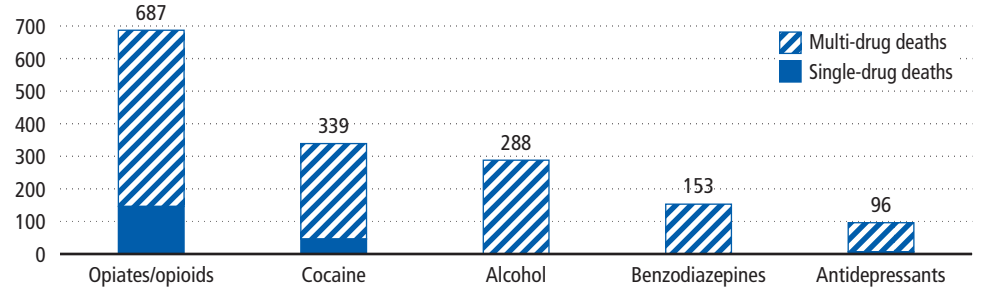
## State overview: Deaths and population by county, 2008

Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (14)</b>	<b>914</b>	<b>14.1</b>	<b>100</b>	<b>1.5</b>	<b>6,497,967</b>
1. Barnstable County	30	13.6	4	1.8	221,049
2. Berkshire County	13	10.0	4	3.1	129,395
3. Bristol County	106	19.4	6	1.1	545,823
4. Dukes County	1	6.4	0	0.0	15,527
5. Essex County	92	12.5	17	2.3	736,457
6. Franklin County	4	5.6	0	0.0	71,735
7. Hampden County	82	17.8	4	0.9	460,840
8. Hampshire County	16	10.3	2	1.3	154,983
9. Middlesex County	160	10.8	22	1.5	1,482,478
10. Nantucket County	0	0.0	0	0.0	11,215
11. Norfolk County	77	11.7	6	0.9	659,909
12. Plymouth County	67	13.6	8	1.6	492,066
13. Suffolk County	153	20.9	13	1.8	732,684
14. Worcester County	113	14.4	14	1.8	783,806

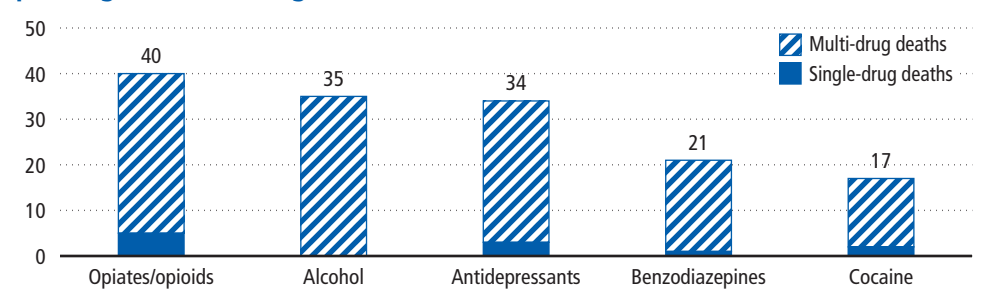
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008



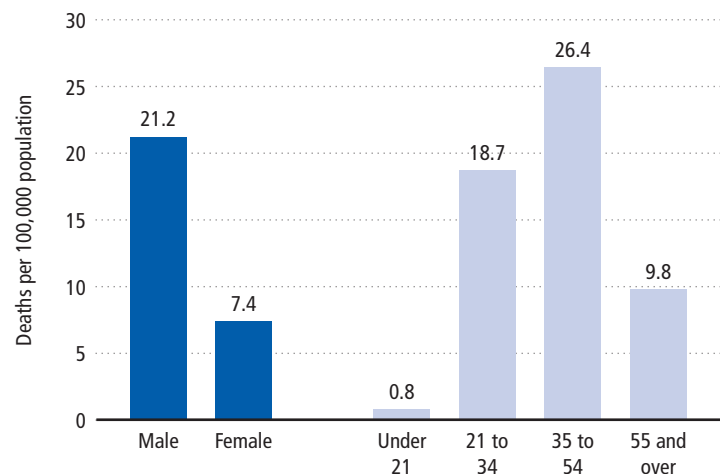
NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

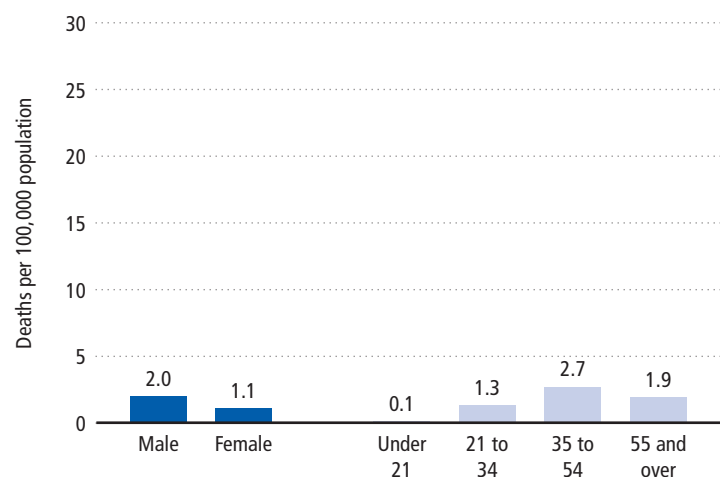


# Massachusetts

### Death rates by gender and age: Drug-related, 2008



### Death rates by gender and age: Drug-related suicide, 2008



### Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	367	Health care facility	28
Home	388	Home	53
Public place	23	Public place	--
Other	120	Other	17
Not documented	16	Not documented	--

### Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>1,019</b>	<b>914</b>	<b>266</b>	<b>108</b>	<b>100</b>	<b>22</b>
Alcohol*	303	288	--	31	35	0
Cocaine	450	339	46	14	17	--
Marijuana	80	66	--	4	7	0
Stimulants	42	19	0	6	--	0
Club drugs†	--	0	0	--	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	--	--	--	8	6	--
Antidepressants	171	96	7	44	34	--
Antipsychotics	28	21	--	17	16	--
Benzodiazepines	175	153	0	26	21	--
Misc. anxiolytics, sedatives, and hypnotics	30	28	--	18	15	--
Opiates/opioids	771	687	146	32	40	5
Heroin (specified)	76	65	15	--	--	0
Methadone	189	129	16	--	--	0
All other opiates/opioids	586	542	115	29	36	5
Nonsteroidal anti-inflammatory agents	0	0	0	0	--	0
Salicylates/combinations	--	--	0	--	--	--
Misc. analgesics/combinations	16	13	--	12	12	--
Anticonvulsants	9	9	--	--	--	0
Muscle relaxants	15	8	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.

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, 2008 (08/2009 update).

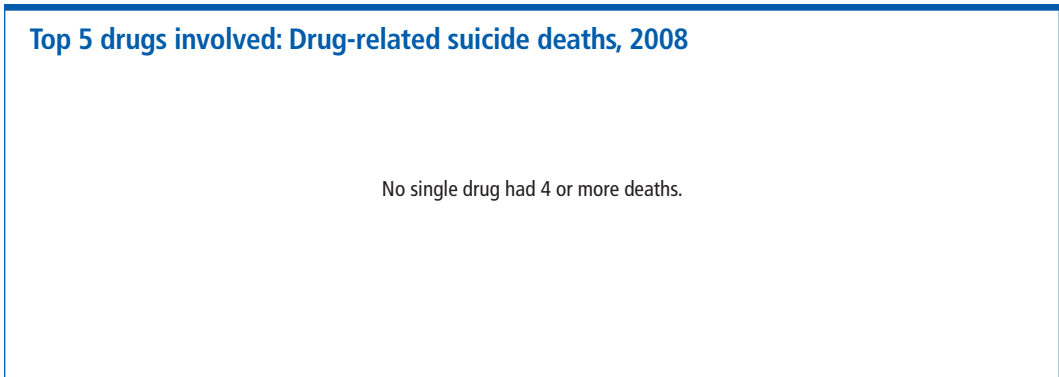
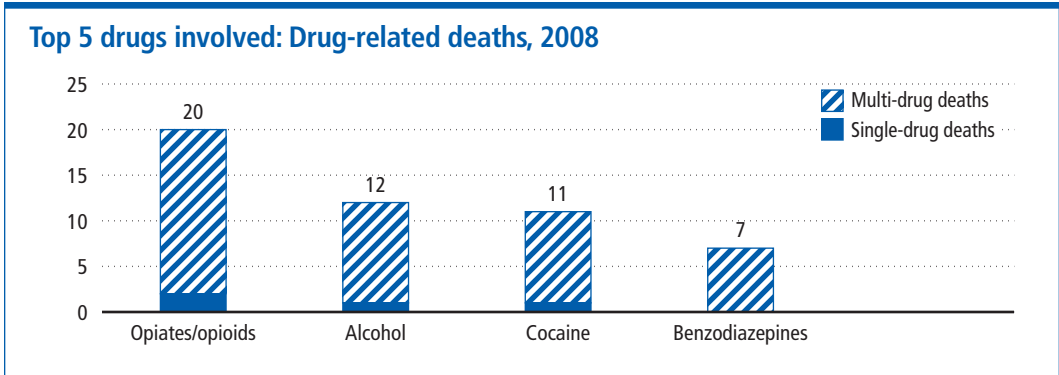
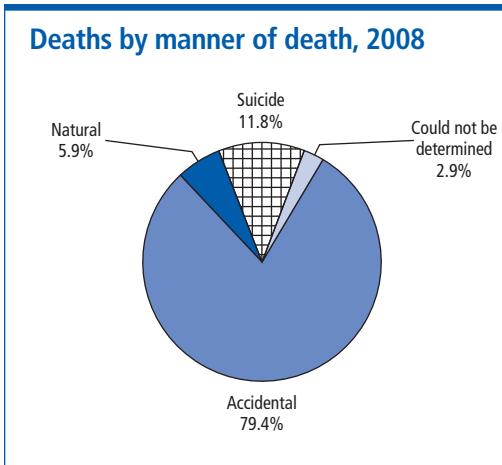
# Barnstable Town, MA



<b>Deaths reported to DAWN</b>	
Drug-related.....	30
Drug-related suicide.....	4
<b>Metro area population, 2008</b> ..... 221,049	
<b>Population covered by DAWN</b> ..... 221,049	
<b>Percent of population covered by DAWN</b> ..... 100%	

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	30	13.6	4	1.8	221,049
1. Barnstable County, MA	30	13.6	4	1.8	221,049

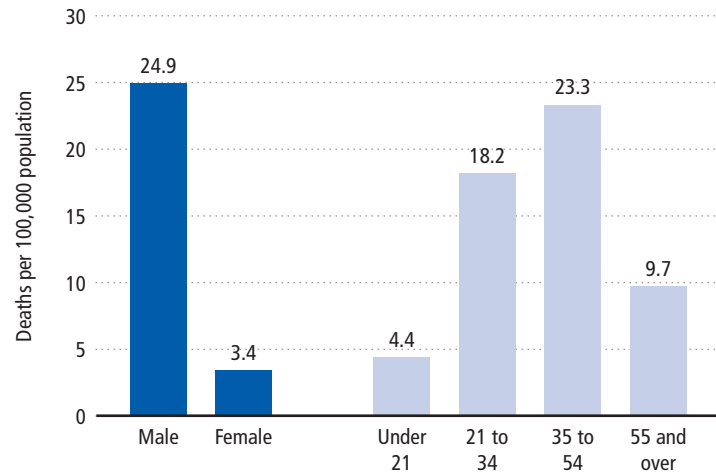


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

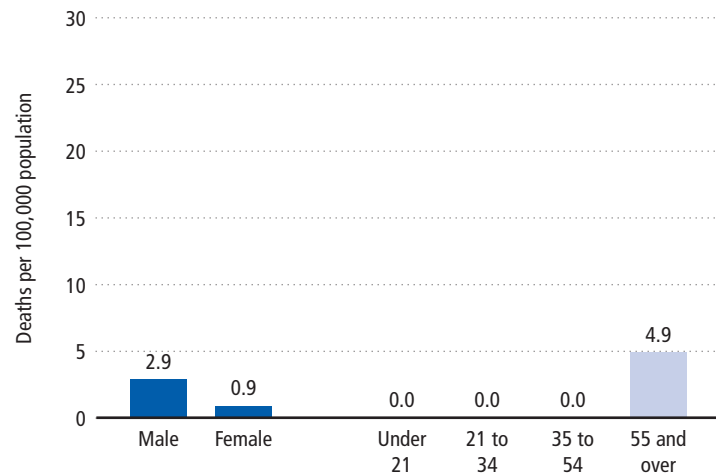
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Barnstable Town, MA

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	10	Health care facility	--
Home	13	Home	--
Public place	0	Public place	0
Other	6	Other	--
Not documented	--	Not documented	0

**Drug-related deaths by drug category, 2007-2008**

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>41</b>	<b>30</b>	<b>7</b>	<b>7</b>	<b>4</b>	<b>--</b>
Alcohol*	14	12	--	--	--	--
Cocaine	17	11	--	--	0	--
Marijuana	6	--	0	--	0	--
Stimulants	--	--	0	--	0	--
Club drugs†	0	0	0	0	0	--
Hallucinogens††	0	0	0	0	0	--
Inhalants	--	0	0	0	0	--
Antidepressants	5	--	0	--	--	--
Antipsychotics	0	--	0	--	--	--
Benzodiazepines	6	7	0	--	0	--
Misc. anxiolytics, sedatives, and hypnotics	--	0	0	--	--	--
Opiates/opioids	34	20	--	--	0	--
Heroin (specified)	--	--	0	0	0	--
Methadone	7	8	--	0	0	--
All other opiates/opioids	24	13	--	--	0	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	0	0	0	0	--	--
Misc. analgesics/combinations	--	0	0	--	0	--
Anticonvulsants	0	0	0	0	0	--
Muscle relaxants	0	0	0	--	0	--

\* 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, 2008 (08/2009 update).

# Boston-Cambridge-Quincy, MA-NH



**Deaths reported to DAWN**  
 Drug-related.....584  
 Drug-related suicide.....75

**Metro area population, 2008**..... 4,522,858

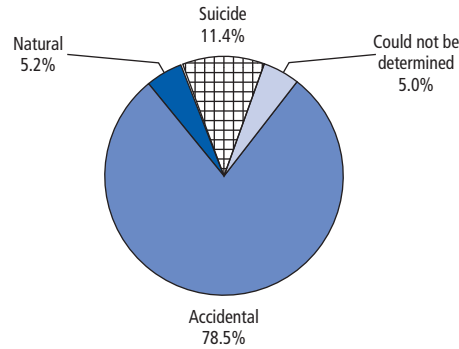
**Population covered by DAWN**..... 4,522,858

**Percent of population covered by DAWN**..... 100%

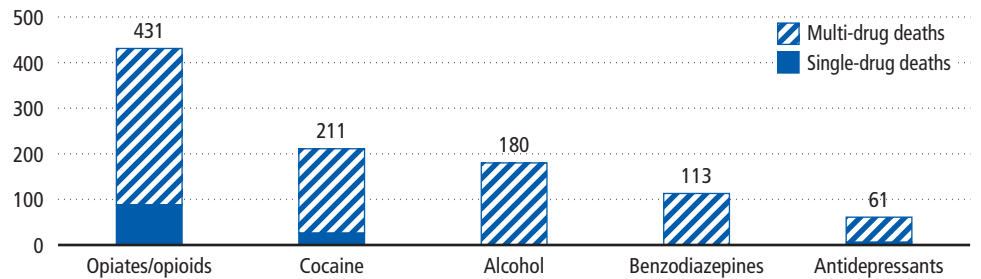
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (7)</b>	<b>584</b>	<b>12.9</b>	<b>75</b>	<b>1.7</b>	<b>4,522,858</b>
1. Essex County, MA	92	12.5	17	2.3	736,457
2. Middlesex County, MA	160	10.8	22	1.5	1,482,478
3. Norfolk County, MA	77	11.7	6	0.9	659,909
4. Plymouth County, MA	67	13.6	8	1.6	492,066
5. Suffolk County, MA	153	20.9	13	1.8	732,684
6. Rockingham County, NH	20	6.7	4	1.3	297,350
7. Strafford County, NH	15	12.3	5	4.1	121,914

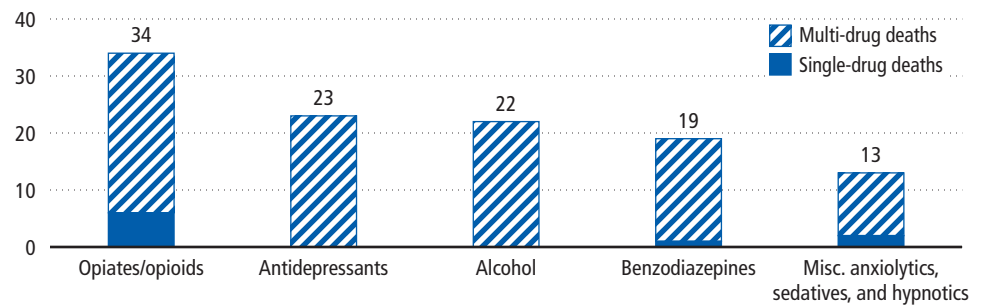
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

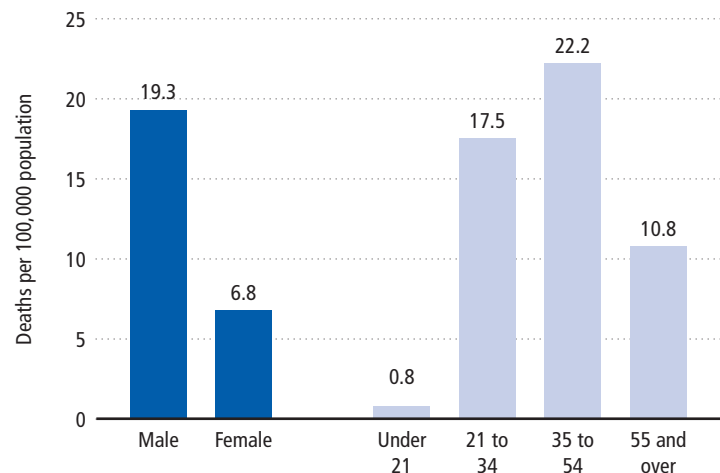


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

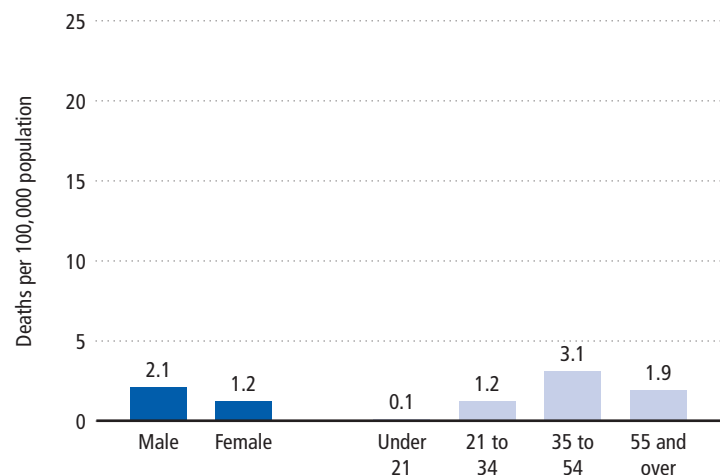
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Boston-Cambridge-Quincy, MA-NH

### Death rates by gender and age: Drug-related, 2008



### Death rates by gender and age: Drug-related suicide, 2008



### Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	240	Health care facility	23
Home	236	Home	36
Public place	13	Public place	0
Other	87	Other	16
Not documented	8	Not documented	0

### Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>697</b>	<b>584</b>	<b>170</b>	<b>70</b>	<b>75</b>	<b>16</b>
Alcohol*	219	180	0	18	22	0
Cocaine	306	211	26	4	11	--
Marijuana	51	39	0	--	5	0
Stimulants	36	19	0	--	--	0
Club drugs†	--	0	0	--	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	--	--	--	6	5	--
Antidepressants	120	61	6	25	23	0
Antipsychotics	21	14	--	8	12	--
Benzodiazepines	142	113	0	21	19	--
Misc. anxiolytics, sedatives, and hypnotics	17	19	--	13	13	--
Opiates/opioids	530	431	88	19	34	6
Heroin (specified)	52	35	9	--	--	0
Methadone	146	79	6	4	4	0
All other opiates/opioids	391	347	73	15	30	6
Nonsteroidal anti-inflammatory agents	0	0	0	0	--	0
Salicylates/combinations	--	--	--	--	0	0
Misc. analgesics/combinations	10	10	--	9	13	--
Anticonvulsants	8	7	--	--	--	0
Muscle relaxants	7	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.

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, 2008 (08/2009 update).

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



## Essex County, MA: Deaths and population, 2008

**Deaths reported to DAWN**

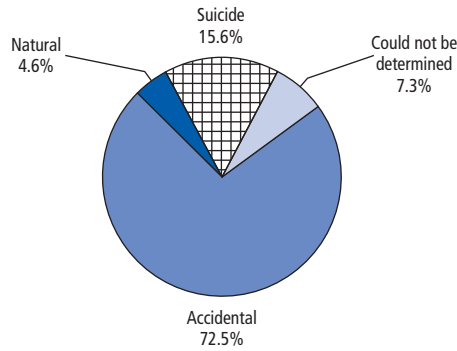
Drug-related.....	92
Drug-related suicide.....	17

**Population** ..... 736,457

**Deaths per 100,000 population**

Drug-related.....	12.5
Drug-related suicide.....	2.3

## Deaths by manner of death, 2008



## Place of death, 2008

Drug-related	Deaths
Health care facility	47
Home	24
Public place	4
Other	14
Not documented	--

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

## Drug-related deaths by drug category, 2007-2008

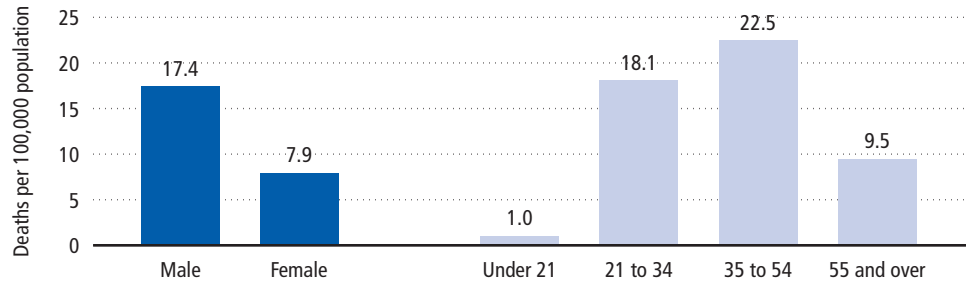
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>141</b>	<b>92</b>	<b>18</b>	<b>13</b>	<b>17</b>	<b>--</b>
Alcohol*	44	34	0	--	7	--
Cocaine	62	41	4	0	4	--
Marijuana	15	9	0	--	--	--
Stimulants	7	5	0	--	--	--
Club drugs†	--	0	0	0	0	--
Hallucinogens††	0	0	0	0	0	--
Inhalants	0	--	--	--	--	--
Antidepressants	24	6	--	5	6	--
Antipsychotics	4	4	0	--	--	--
Benzodiazepines	39	16	0	4	6	--
Misc. anxiolytics, sedatives, and hypnotics	4	5	0	--	4	--
Opiates/opioids	108	69	7	4	10	--
Heroin (specified)	6	6	--	0	0	--
Methadone	28	18	0	0	--	--
All other opiates/opioids	85	50	6	4	9	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	--	--
Salicylates/combinations	0	0	0	0	0	--
Misc. analgesics/combinations	--	--	0	--	0	--
Anticonvulsants	4	--	--	0	0	--
Muscle relaxants	--	0	0	0	--	--

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

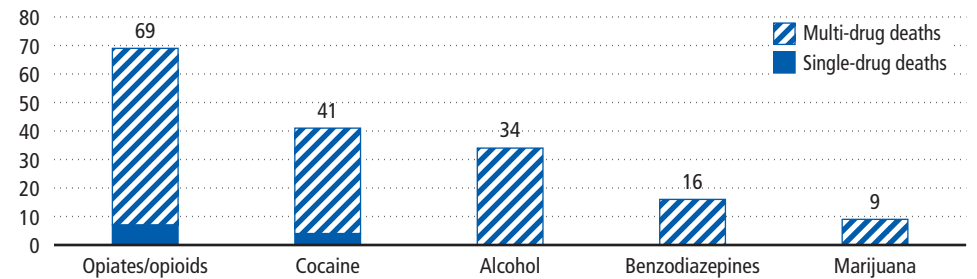
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

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



## Middlesex County, MA: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	160
Drug-related suicide.....	22
<b>Population .....</b>	<b>1,482,478</b>
<b>Deaths per 100,000 population</b>	
Drug-related.....	10.8
Drug-related suicide.....	1.5

## Drug-related deaths by drug category, 2007-2008

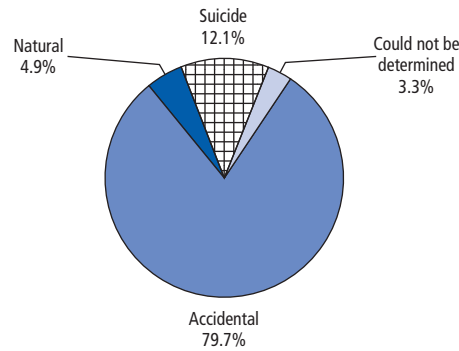
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>176</b>	<b>160</b>	<b>52</b>	<b>20</b>	<b>22</b>	<b>6</b>
Alcohol*	54	45	0	--	5	0
Cocaine	76	54	7	--	--	--
Marijuana	10	6	0	0	--	0
Stimulants	12	7	0	--	--	0
Club drugs†	--	0	0	0	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	0	0	0	--	--	0
Antidepressants	38	14	0	6	10	0
Antipsychotics	10	5	--	0	6	--
Benzodiazepines	30	34	0	7	6	--
Misc. anxiolytics, sedatives, and hypnotics	4	4	--	--	--	--
Opiates/opioids	130	119	29	7	7	--
Heroin (specified)	13	6	--	0	--	0
Methadone	45	20	--	--	--	0
All other opiates/opioids	92	102	25	6	5	--
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	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.

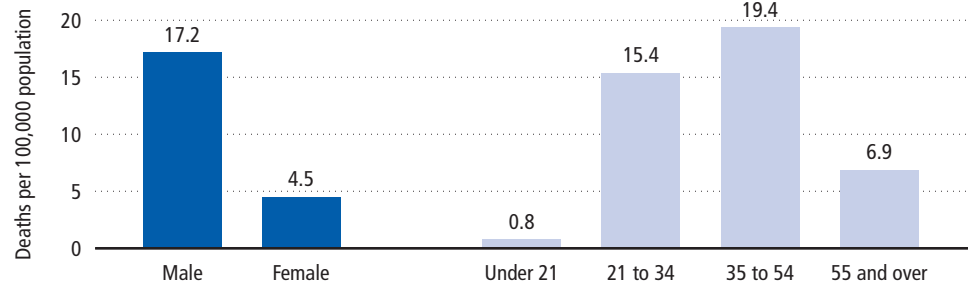
## Deaths by manner of death, 2008



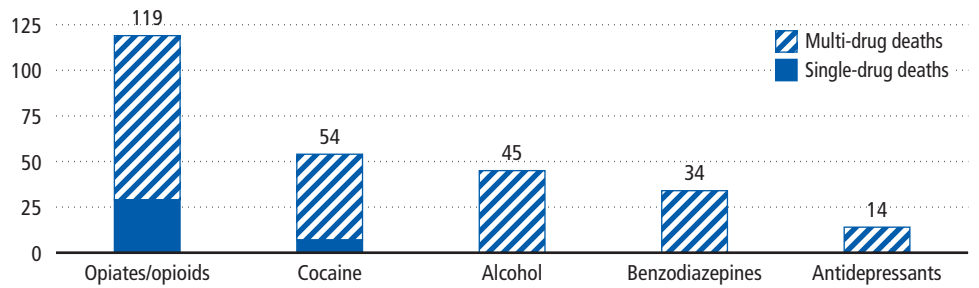
## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility	.....	65
Home	.....	72
Public place	.....	--
Other	.....	20
Not documented	.....	--
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility	.....	7
Home	.....	13
Public place	.....	0
Other	.....	--
Not documented	.....	0

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

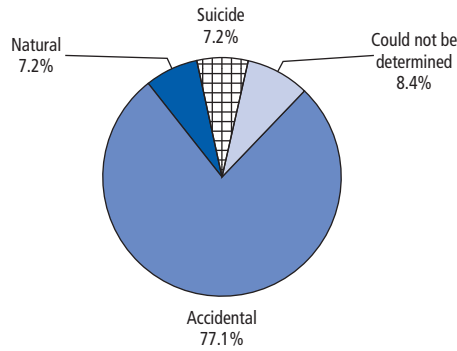
# Boston-Cambridge-Quincy, MA-NH: Norfolk County, MA



## Norfolk County, MA: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	77
Drug-related suicide.....	6
<b>Population .....</b>	<b>659,909</b>
<b>Deaths per 100,000 population</b>	
Drug-related.....	11.7
Drug-related suicide.....	0.9

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility		27
Home		37
Public place		0
Other		13
Not documented		0
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility		--
Home		--
Public place		0
Other		--
Not documented		0

## Drug-related deaths by drug category, 2007-2008

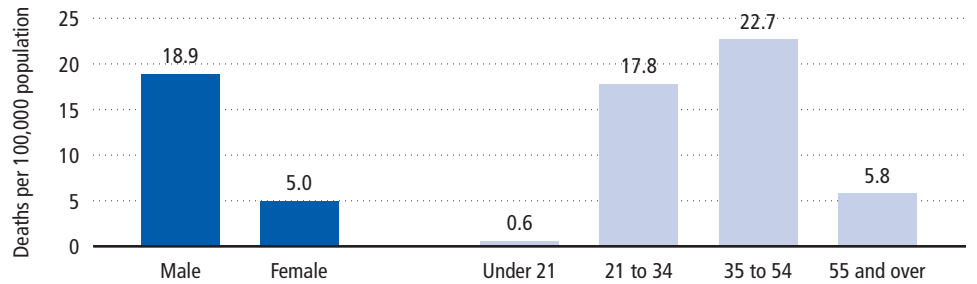
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>73</b>	<b>77</b>	<b>17</b>	<b>8</b>	<b>6</b>	<b>--</b>
Alcohol*	22	21	0	4	--	--
Cocaine	25	32	--	0	--	--
Marijuana	7	8	0	0	0	--
Stimulants	4	--	0	--	0	--
Club drugs†	0	0	0	--	0	--
Hallucinogens††	0	0	0	0	0	--
Inhalants	0	0	0	--	--	--
Antidepressants	17	14	--	4	--	--
Antipsychotics	0	--	0	--	--	--
Benzodiazepines	17	15	0	--	--	--
Misc. anxiolytics, sedatives, and hypnotics	--	--	0	--	--	--
Opiates/opioids	59	65	11	--	--	--
Heroin (specified)	6	--	0	0	0	--
Methadone	16	11	0	0	--	--
All other opiates/opioids	48	57	11	--	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	0	0	0	0	0	--
Misc. analgesics/combinations	--	--	0	--	--	--
Anticonvulsants	0	--	0	0	0	--
Muscle relaxants	--	--	0	0	0	--

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

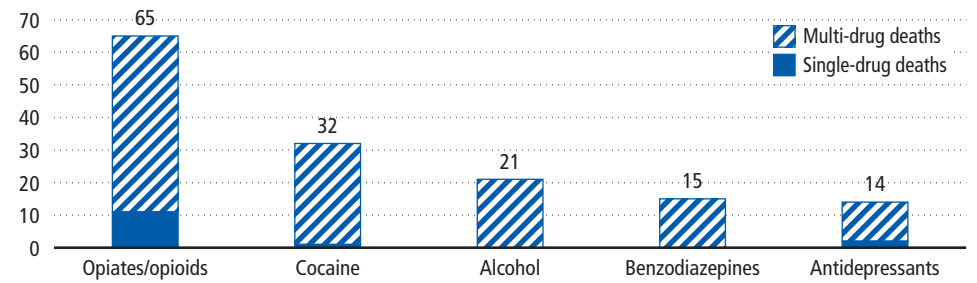
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).



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



## Plymouth County, MA: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	67
Drug-related suicide.....	8
<b>Population</b> .....	492,066
<b>Deaths per 100,000 population</b>	
Drug-related.....	13.6
Drug-related suicide.....	1.6

## Drug-related deaths by drug category, 2007-2008

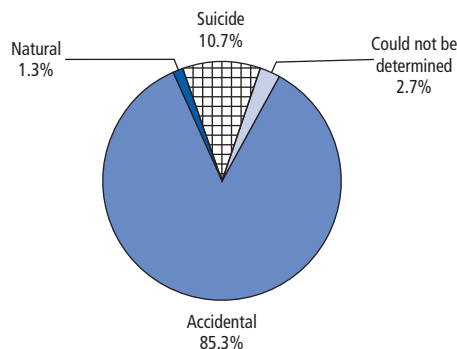
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>67</b>	<b>67</b>	<b>19</b>	<b>7</b>	<b>8</b>	<b>0</b>
Alcohol*	17	25	0	--	4	
Cocaine	36	18	--	--	0	
Marijuana	5	4	0	0	0	
Stimulants	6	--	0	0	--	
Club drugs†	0	0	0	0	0	
Hallucinogens††	0	0	0	0	0	
Inhalants	0	0	0	--	--	
Antidepressants	12	12	0	--	--	
Antipsychotics	--	--	0	0	--	
Benzodiazepines	8	13	0	--	--	
Misc. anxiolytics, sedatives, and hypnotics	--	--	0	--	--	
Opiates/opioids	56	58	16	--	--	
Heroin (specified)	6	5	0	0	0	
Methadone	13	6	--	0	0	
All other opiates/opioids	44	49	15	--	--	
Nonsteroidal anti-inflammatory agents	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.

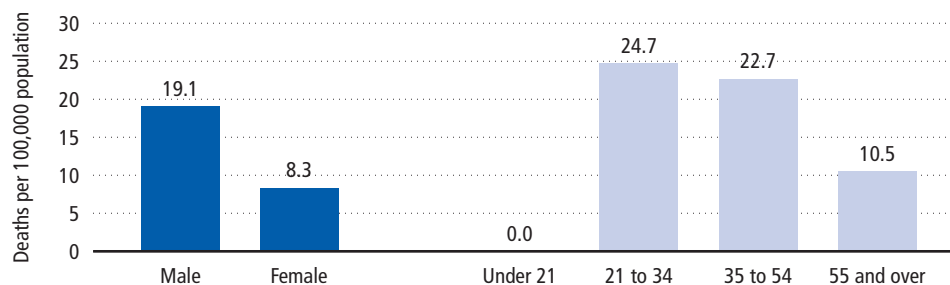
## Deaths by manner of death, 2008



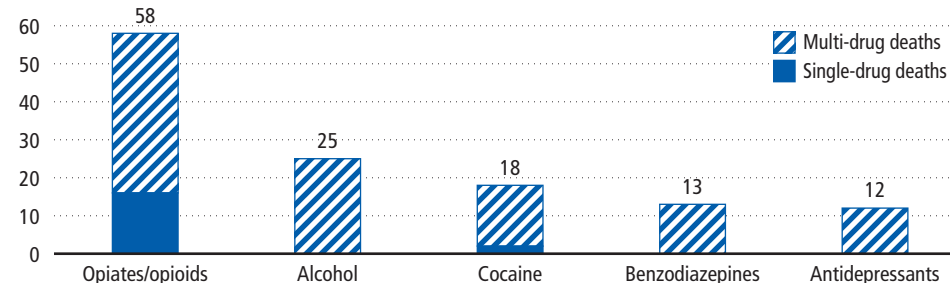
## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility		31
Home		22
Public place		--
Other		11
Not documented		--
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility		0
Home		6
Public place		0
Other		--
Not documented		0

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

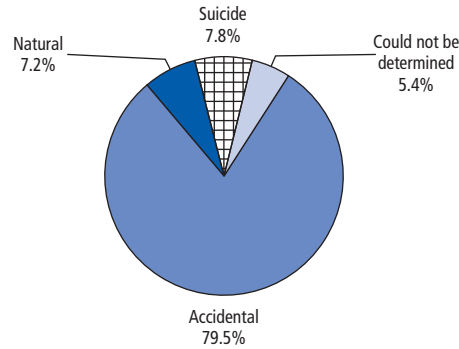
# Boston-Cambridge-Quincy, MA-NH: Suffolk County, MA



## Suffolk County, MA: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	153
Drug-related suicide.....	13
<b>Population .....</b>	<b>732,684</b>
<b>Deaths per 100,000 population</b>	
Drug-related.....	20.9
Drug-related suicide.....	1.8

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility		58
Home		63
Public place		4
Other		25
Not documented		--
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility		8
Home		--
Public place		0
Other		--
Not documented		0

## Drug-related deaths by drug category, 2007-2008

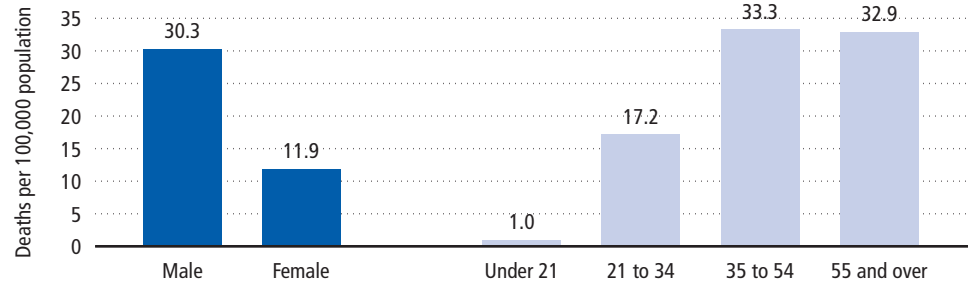
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>191</b>	<b>153</b>	<b>51</b>	<b>13</b>	<b>13</b>	<b>4</b>
Alcohol*	70	43	0	5	--	0
Cocaine	98	60	11	--	--	0
Marijuana	13	12	0	0	--	0
Stimulants	6	--	0	0	0	0
Club drugs†	--	0	0	0	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	--	--	0	0	0	0
Antidepressants	27	12	--	7	--	0
Antipsychotics	--	--	0	--	--	--
Benzodiazepines	36	25	0	--	--	0
Misc. anxiolytics, sedatives, and hypnotics	6	4	0	--	--	0
Opiates/opioids	136	95	17	--	7	--
Heroin (specified)	16	9	--	--	0	0
Methadone	27	14	--	--	0	0
All other opiates/opioids	101	78	14	--	7	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	--	--	0	--	0	0
Misc. analgesics/combinations	4	--	0	--	5	--
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.

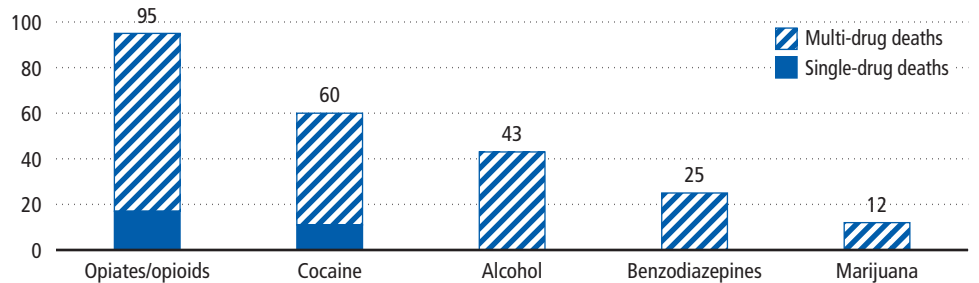
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



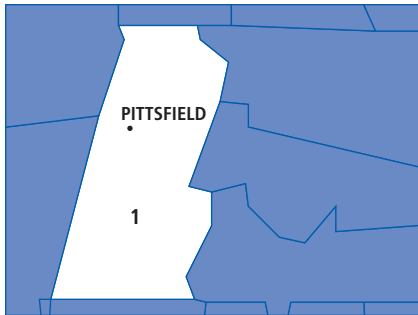
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

# Pittsfield, MA



<b>Deaths reported to DAWN</b>	
Drug-related.....	13
Drug-related suicide.....	4
<b>Metro area population, 2008.....</b>	
	129,395
<b>Population covered by DAWN.....</b>	
	129,395
<b>Percent of population covered by DAWN.....</b>	
	100%

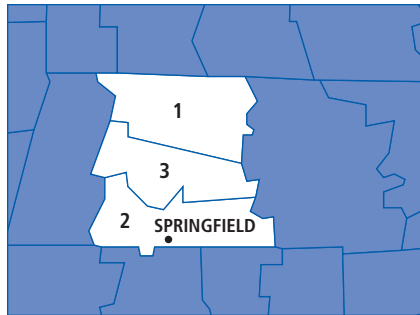
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>13</b>	<b>10.0</b>	<b>4</b>	<b>3.1</b>	<b>129,395</b>
1. Berkshire County, MA	13	10.0	4	3.1	129,395

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, 2008 (08/2009 update).

# Springfield, MA



**Deaths reported to DAWN**

Drug-related.....	102
Drug-related suicide.....	6

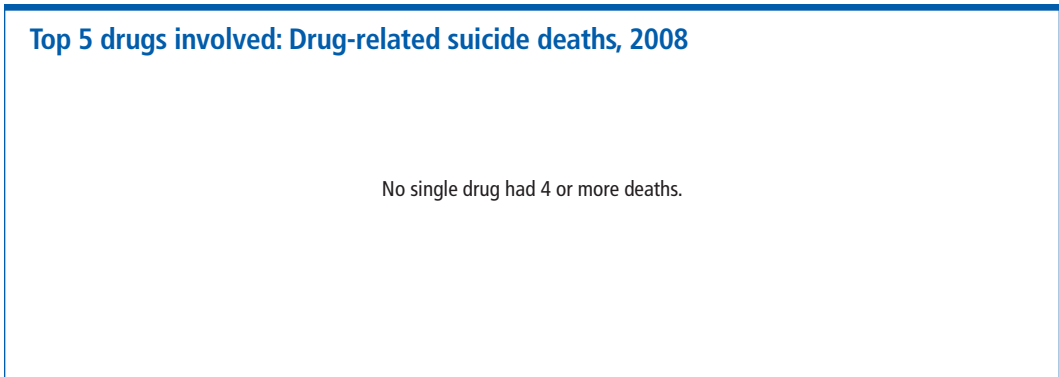
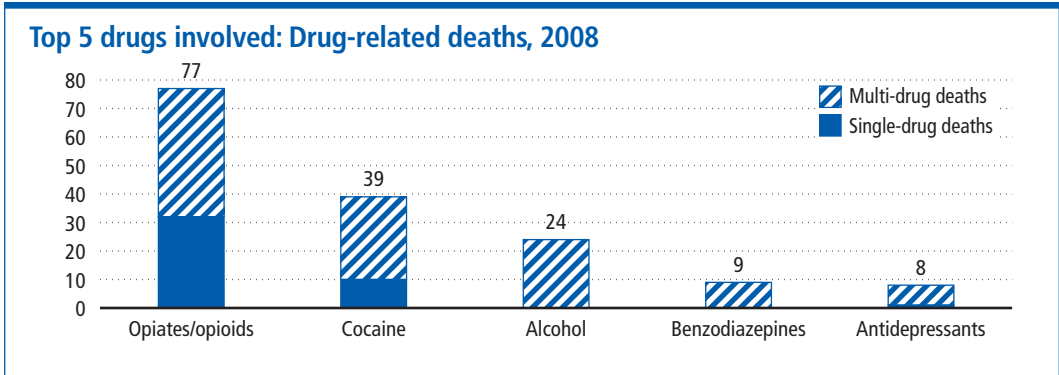
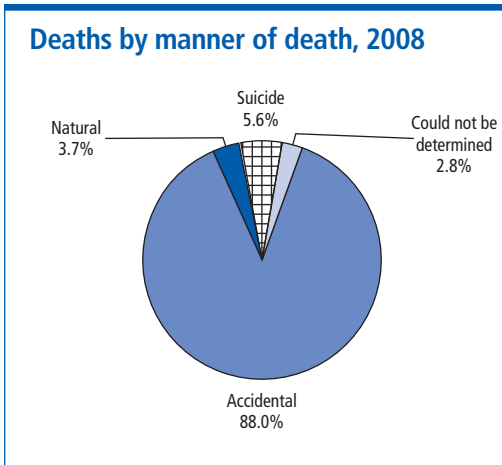
**Metro area population, 2008.....** 687,558

**Population covered by DAWN.....** 687,558

**Percent of population covered by DAWN.....** 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (3)</b>	<b>102</b>	<b>14.8</b>	<b>6</b>	<b>0.9</b>	<b>687,558</b>
1. Franklin County, MA	4	5.6	0	0.0	71,735
2. Hampden County, MA	82	17.8	4	0.9	460,840
3. Hampshire County, MA	16	10.3	2	1.3	154,983

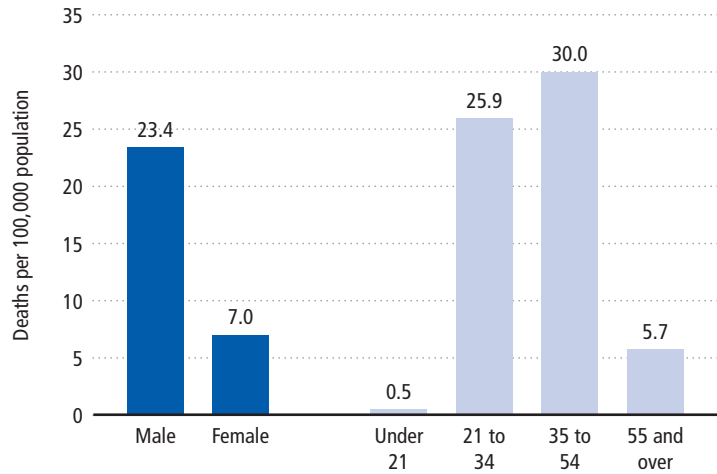


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

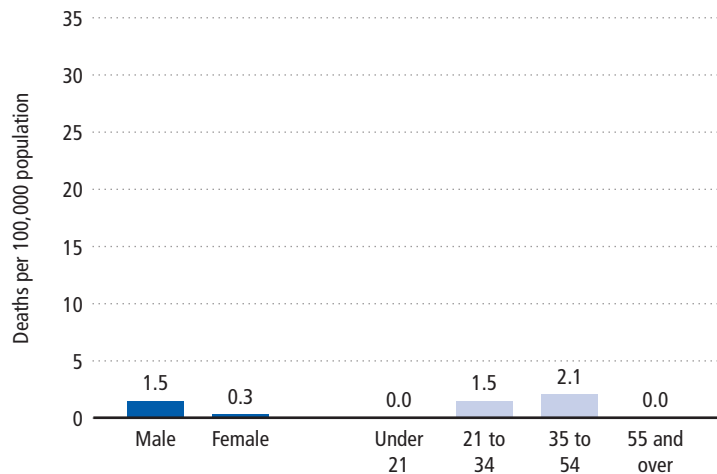
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Springfield, MA

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	40	Health care facility	--
Home	50	Home	4
Public place	--	Public place	0
Other	9	Other	--
Not documented	0	Not documented	0

**Drug-related deaths by drug category, 2007-2008**

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>116</b>	<b>102</b>	<b>46</b>	<b>9</b>	<b>6</b>	<b>--</b>
Alcohol*	29	24	0	--	--	--
Cocaine	46	39	10	--	--	--
Marijuana	--	--	--	0	0	--
Stimulants	--	0	0	0	0	--
Club drugs†	0	0	0	0	0	--
Hallucinogens††	0	0	0	0	0	--
Inhalants	0	0	0	0	--	--
Antidepressants	11	8	--	0	--	--
Antipsychotics	--	0	0	--	0	--
Benzodiazepines	6	9	0	0	0	--
Misc. anxiolytics, sedatives, and hypnotics	7	--	0	--	--	--
Opiates/opioids	77	77	32	5	--	--
Heroin (specified)	12	18	7	0	0	--
Methadone	16	15	6	0	0	--
All other opiates/opioids	55	46	19	5	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	0	0	0	0	0	--
Misc. analgesics/combinations	--	--	--	0	0	--
Anticonvulsants	0	--	0	0	0	--
Muscle relaxants	5	--	0	0	--	--

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

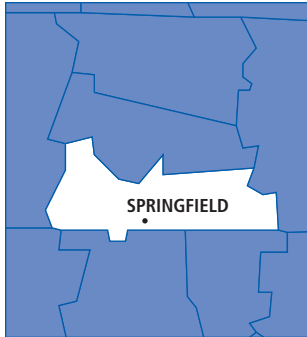
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

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, 2008 (08/2009 update).

# Springfield, MA: Hampden County, MA

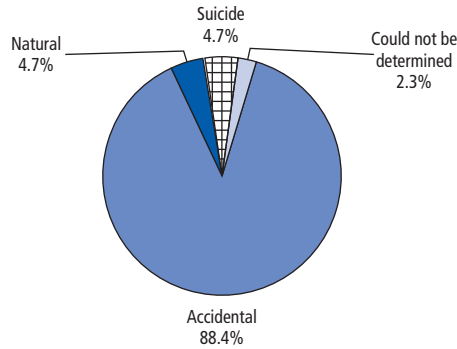


## Hampden County, MA: Deaths and population, 2008

**Deaths reported to DAWN**

Drug-related.....	82
Drug-related suicide.....	4
<b>Population .....</b>	<b>460,840</b>
<b>Deaths per 100,000 population</b>	
Drug-related.....	17.8
Drug-related suicide.....	0.9

## Deaths by manner of death, 2008



## Place of death, 2008

Drug-related	Deaths
Health care facility	33
Home	41
Public place	--
Other	6
Not documented	0
<b>Drug-related suicide</b>	
Health care facility	--
Home	--
Public place	0
Other	0
Not documented	0

## Drug-related deaths by drug category, 2007-2008

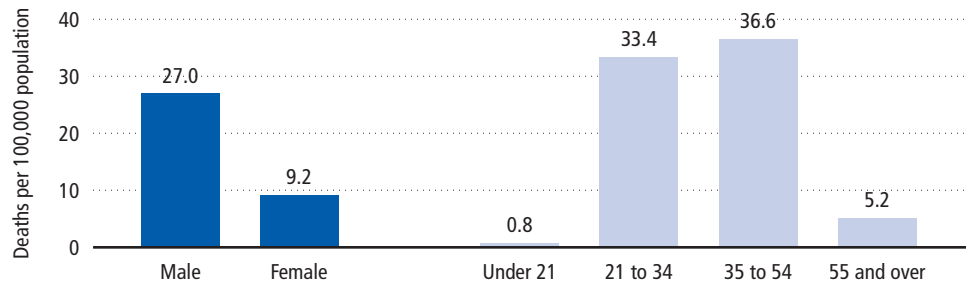
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>92</b>	<b>82</b>	<b>35</b>	<b>--</b>	<b>4</b>	<b>--</b>
Alcohol*	24	20	0	--	--	--
Cocaine	42	35	9	--	--	--
Marijuana	--	--	0	--	0	--
Stimulants	0	0	0	--	0	--
Club drugs†	0	0	0	--	0	--
Hallucinogens††	0	0	0	--	0	--
Inhalants	0	0	0	--	--	--
Antidepressants	8	7	--	--	--	--
Antipsychotics	--	0	0	--	0	--
Benzodiazepines	4	6	0	--	0	--
Misc. anxiolytics, sedatives, and hypnotics	4	--	0	--	--	--
Opiates/opioids	58	63	23	--	--	--
Heroin (specified)	11	16	6	--	0	--
Methadone	10	13	4	--	0	--
All other opiates/opioids	41	36	13	--	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	--	0	--
Salicylates/combinations	0	0	0	--	0	--
Misc. analgesics/combinations	--	--	--	--	0	--
Anticonvulsants	0	--	0	--	0	--
Muscle relaxants	--	0	0	--	0	--

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

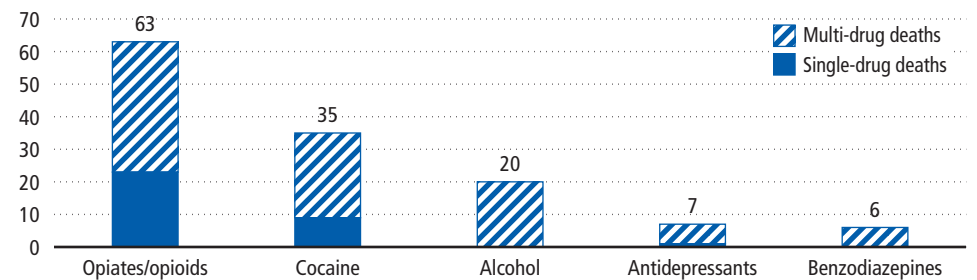
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



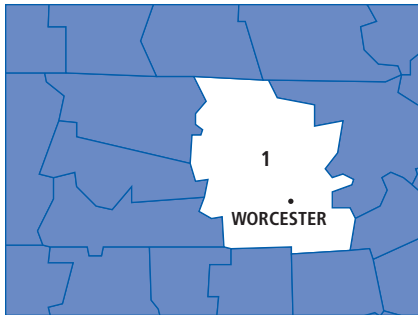
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

# Worcester, MA



**Deaths reported to DAWN**  
 Drug-related.....113  
 Drug-related suicide.....14

**Metro area population, 2008**..... 783,806

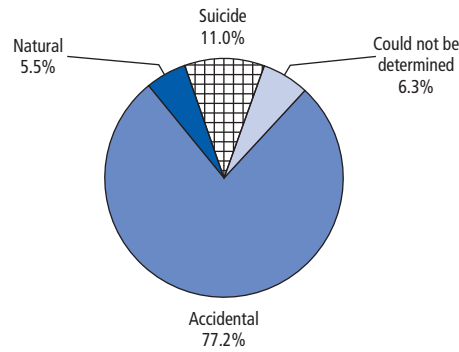
**Population covered by DAWN**..... 783,806

**Percent of population covered by DAWN**..... 100%

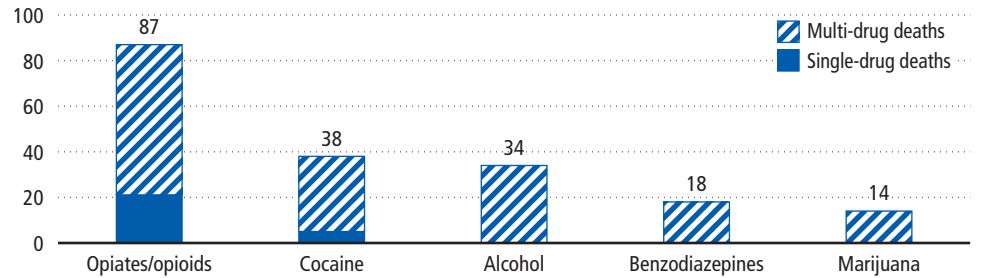
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	113	14.4	14	1.8	783,806
1. Worcester County, MA	113	14.4	14	1.8	783,806

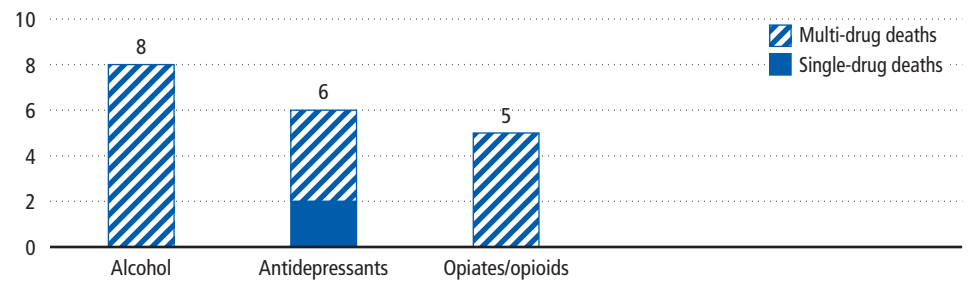
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

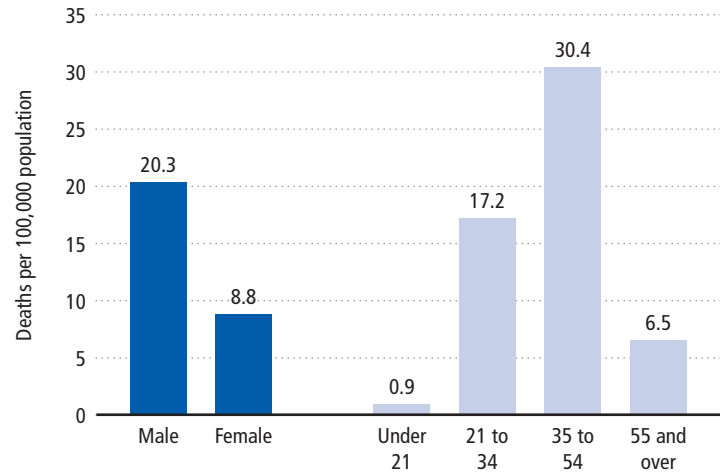


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

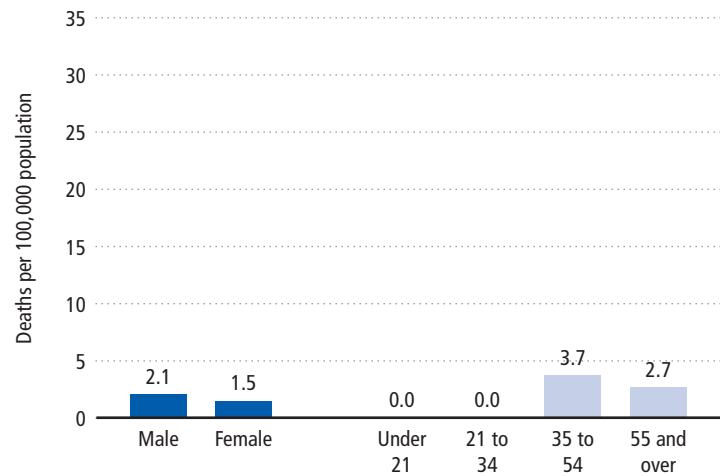
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Worcester, MA

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	39	Health care facility	--
Home	54	Home	11
Public place	4	Public place	--
Other	11	Other	0
Not documented	5	Not documented	--

**Drug-related deaths by drug category, 2007-2008**

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>102</b>	<b>113</b>	<b>34</b>	<b>15</b>	<b>14</b>	<b>--</b>
Alcohol*	29	34	0	6	8	--
Cocaine	41	38	5	4	--	--
Marijuana	9	14	0	--	--	--
Stimulants	--	0	0	--	0	--
Club drugs†	0	0	0	0	0	--
Hallucinogens††	0	0	0	0	0	--
Inhalants	0	0	0	--	0	--
Antidepressants	21	12	0	8	6	--
Antipsychotics	5	4	--	6	--	--
Benzodiazepines	10	18	0	--	--	--
Misc. anxiolytics, sedatives, and hypnotics	--	6	0	0	--	--
Opiates/opioids	82	87	21	--	5	--
Heroin (specified)	7	6	--	0	0	--
Methadone	18	22	4	0	0	--
All other opiates/opioids	64	68	16	--	5	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	0	0	0	0	0	--
Misc. analgesics/combinations	4	--	--	0	0	--
Anticonvulsants	0	--	0	--	--	--
Muscle relaxants	4	--	0	--	--	--

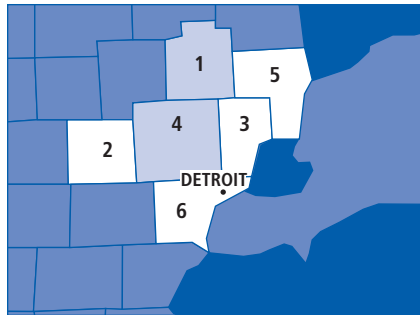
\* Includes alcohol in combination with other drugs (all ages) and alcohol alone in decedents under age 21.  
 † Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.  
 †† Includes PCP, LSD, and miscellaneous hallucinogens.

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, 2008 (08/2009 update).



# Detroit-Warren-Livonia, MI



**Deaths reported to DAWN**  
 Drug-related.....613  
 Drug-related suicide.....46

**Metro area population, 2008**..... 4,425,110

**Population covered by DAWN**..... 3,132,061

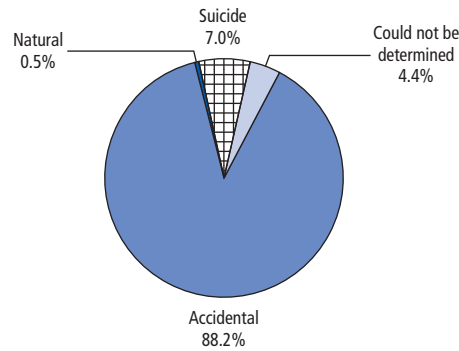
**Percent of population covered by DAWN**..... 71%

## Metro area overview: Deaths and population by county, 2008

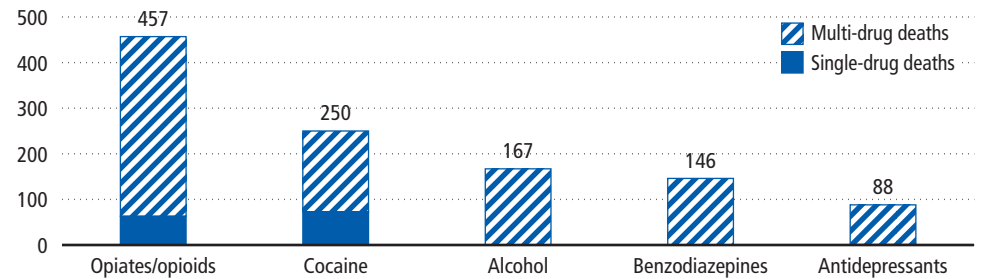
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (4)</b>	<b>613</b>	<b>19.6</b>	<b>46</b>	<b>1.5</b>	<b>3,132,061</b>
1. Lapeer County, MI					90,875
2. Livingston County, MI	16	8.8	3	1.6	182,575
3. Macomb County, MI	146	17.6	19	2.3	830,663
4. Oakland County, MI					1,202,174
5. St. Clair County, MI	26	15.4	4	2.4	168,894
6. Wayne County, MI	425	21.8	20	1.0	1,949,929

Shaded areas did not participate in DAWN this year.

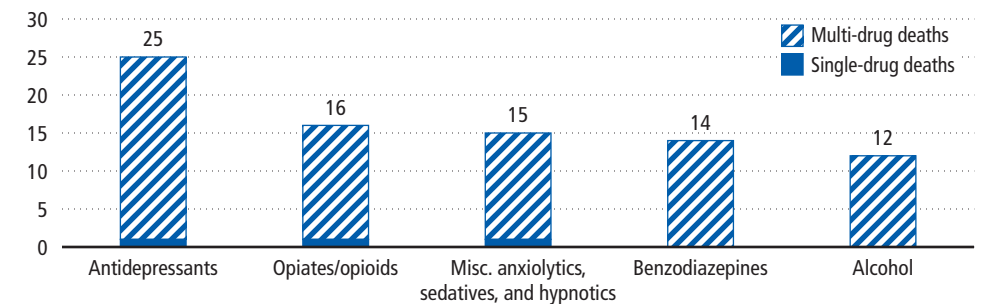
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

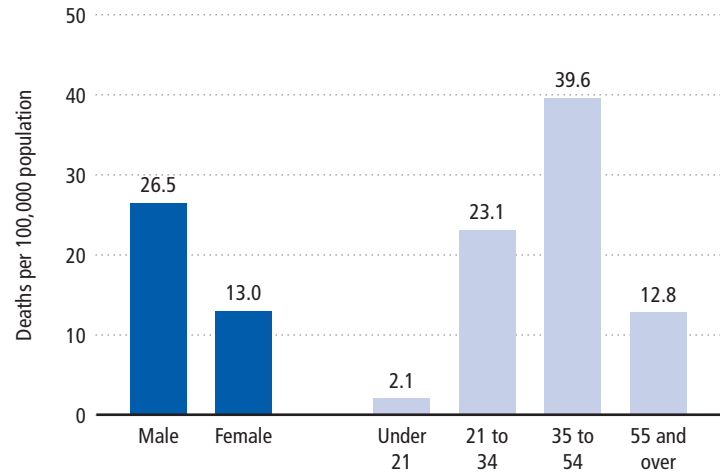


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

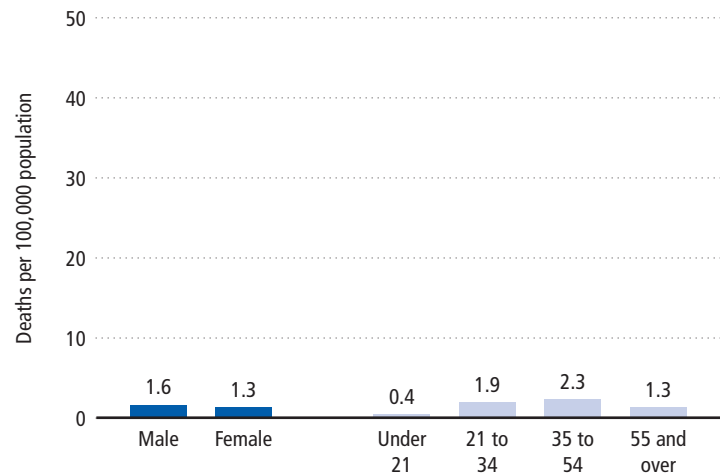
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Detroit-Warren-Livonia, MI

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	185	Health care facility	9
Home	335	Home	33
Public place	7	Public place	0
Other	86	Other	4
Not documented	0	Not documented	0

**Drug-related deaths by drug category, 2007-2008**

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>		<b>613</b>	<b>145</b>		<b>46</b>	<b>7</b>
Alcohol*		167	0		12	0
Cocaine		250	73		--	--
Marijuana		25	0		--	0
Stimulants		--	0		--	0
Club drugs†		6	0		0	0
Hallucinogens††		--	0		0	0
Inhalants		--	0		0	0
Antidepressants		88	--		25	--
Antipsychotics		37	--		12	--
Benzodiazepines		146	0		14	0
Misc. anxiolytics, sedatives, and hypnotics		51	--		15	--
Opiates/opioids		457	63		16	--
Heroin (specified)		232	19		0	0
Methadone		78	13		--	0
All other opiates/opioids		282	31		16	--
Nonsteroidal anti-inflammatory agents		--	0		0	0
Salicylates/combinations		--	--		0	0
Misc. analgesics/combinations		44	--		9	0
Anticonvulsants		18	0		--	0
Muscle relaxants		44	--		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.

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, 2008 (08/2009 update).

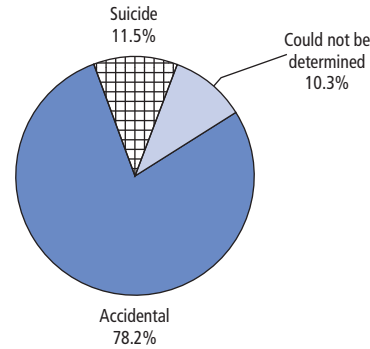
# Detroit-Warren-Livonia, MI: Macomb County, MI



## Macomb County, MI: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	146
Drug-related suicide.....	19
<b>Population</b> .....	830,663
<b>Deaths per 100,000 population</b>	
Drug-related.....	17.6
Drug-related suicide.....	2.3

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>	<b>Deaths</b>
Health care facility	34
Home	95
Public place	4
Other	13
Not documented	0
<b>Drug-related suicide</b>	<b>Deaths</b>
Health care facility	4
Home	13
Public place	0
Other	--
Not documented	0

## Drug-related deaths by drug category, 2007-2008

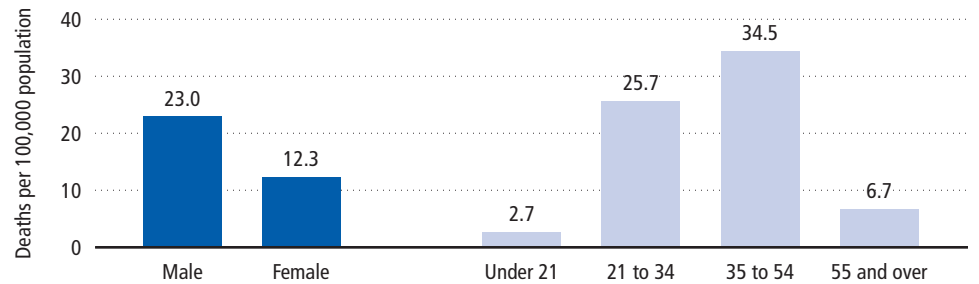
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>130</b>	<b>146</b>	<b>--</b>	<b>29</b>	<b>19</b>	<b>0</b>
Alcohol*	29	51	--	9	6	
Cocaine	35	42	--	--	--	
Marijuana	16	17	--	--	--	
Stimulants	--	--	--	--	0	
Club drugs†	--	--	--	--	0	
Hallucinogens††	0	--	--	0	0	
Inhalants	--	--	--	0	0	
Antidepressants	30	44	--	11	11	
Antipsychotics	7	14	--	--	7	
Benzodiazepines	70	76	--	15	10	
Misc. anxiolytics, sedatives, and hypnotics	32	17	--	8	7	
Opiates/opioids	118	128	--	13	7	
Heroin (specified)	31	66	--	0	0	
Methadone	31	21	--	--	0	
All other opiates/opioids	89	79	--	13	7	
Nonsteroidal anti-inflammatory agents	--	0	--	0	0	
Salicylates/combinations	0	0	--	0	0	
Misc. analgesics/combinations	26	23	--	9	6	
Anticonvulsants	5	8	--	--	--	
Muscle relaxants	24	15	--	--	--	

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

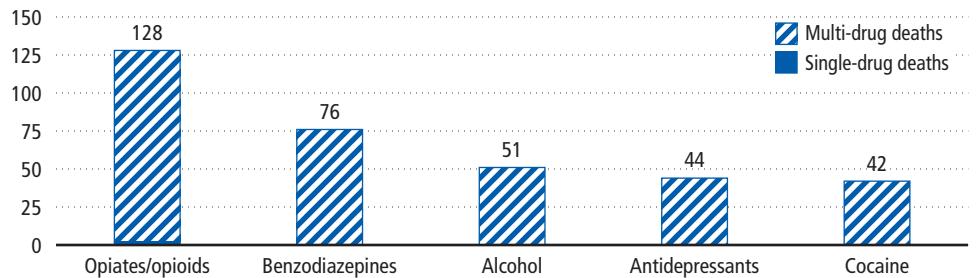
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

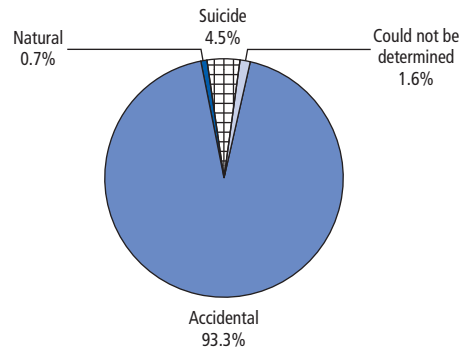
# Detroit-Warren-Livonia, MI: Wayne County, MI



## Wayne County, MI: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	425
Drug-related suicide.....	20
<b>Population .....</b>	<b>1,949,929</b>
<b>Deaths per 100,000 population</b>	
Drug-related.....	21.8
Drug-related suicide.....	1.0

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility		142
Home		215
Public place		--
Other		65
Not documented		0
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility		4
Home		14
Public place		0
Other		--
Not documented		0

## Drug-related deaths by drug category, 2007-2008

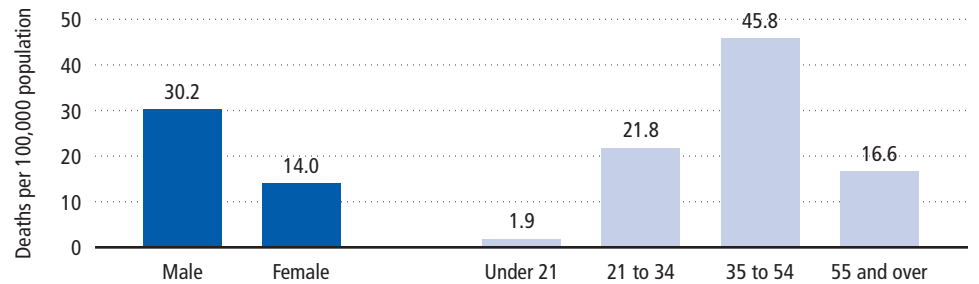
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>418</b>	<b>425</b>	<b>142</b>	<b>15</b>	<b>20</b>	<b>6</b>
Alcohol*	105	107	0	6	6	0
Cocaine	214	195	72	0	--	0
Marijuana	0	0	0	0	0	0
Stimulants	--	--	0	0	0	0
Club drugs†	--	4	0	0	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	0	0	0	0	0	0
Antidepressants	61	30	--	5	9	--
Antipsychotics	30	19	--	4	5	--
Benzodiazepines	46	49	0	--	--	0
Misc. anxiolytics, sedatives, and hypnotics	36	32	--	0	8	--
Opiates/opioids	279	294	61	--	7	--
Heroin (specified)	109	162	18	0	0	0
Methadone	49	44	13	0	--	0
All other opiates/opioids	158	181	30	--	7	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	--	--	--	0	0
Misc. analgesics/combinations	9	11	--	0	0	0
Anticonvulsants	4	7	0	0	0	0
Muscle relaxants	7	19	--	0	--	0

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

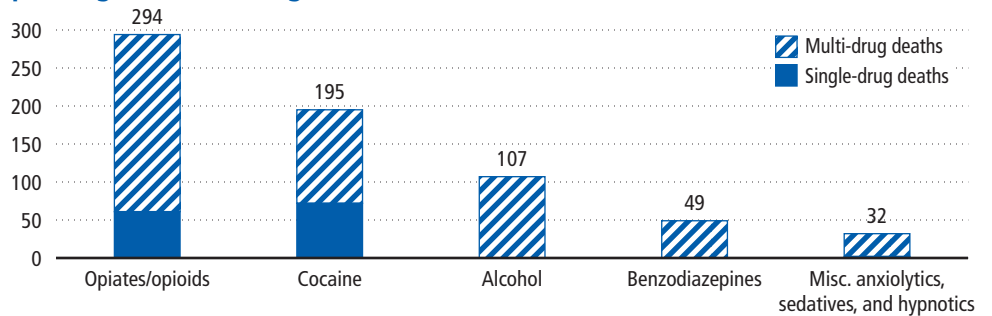
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



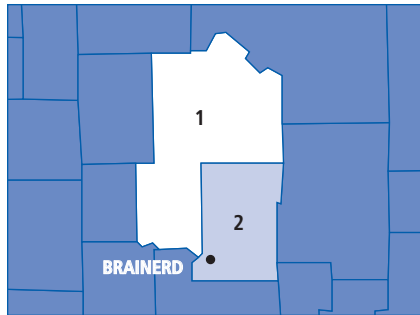
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

# Brainerd, MN



<b>Deaths reported to DAWN</b>	
Drug-related.....	5
Drug-related suicide.....	0
<b>Metro area population, 2008.....</b>	
	90,904
<b>Population covered by DAWN.....</b>	
	28,732
<b>Percent of population covered by DAWN.....</b>	
	32%

## Metro area overview: Deaths and population by county, 2008

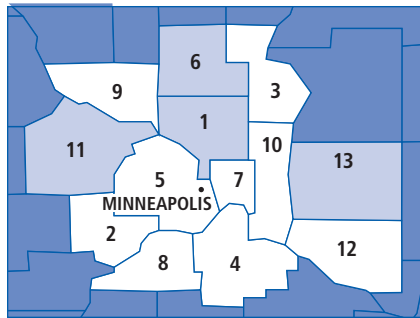
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>5</b>	<b>17.4</b>	<b>0</b>	<b>0.0</b>	<b>28,732</b>
1. Cass County, MN	5	17.4	0	0.0	28,732
2. Crow Wing County, MN					62,172

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, 2008 (08/2009 update).

# Minneapolis-St. Paul-Bloomington, MN-WI



Deaths reported to DAWN  
 Drug-related.....217  
 Drug-related suicide.....46

Metro area  
 population, 2008..... 3,229,878

Population  
 covered by DAWN..... 2,661,495

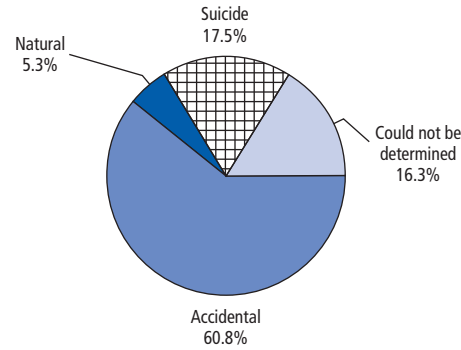
Percent of population  
 covered by DAWN..... 82%

## Metro area overview: Deaths and population by county, 2008

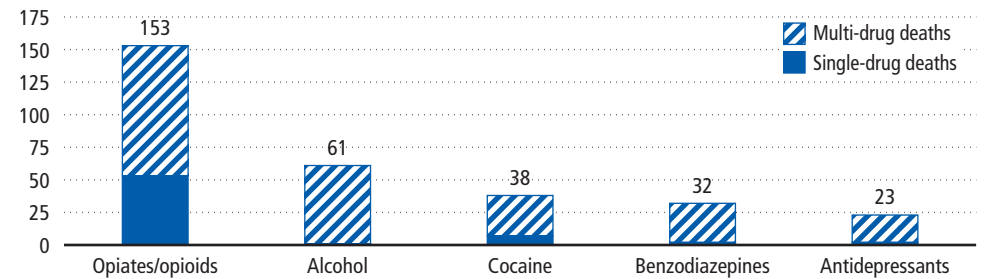
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (9)</b>	<b>217</b>	<b>8.2</b>	<b>46</b>	<b>1.7</b>	<b>2,661,495</b>
1. Anoka County, MN					327,090
2. Carver County, MN	0	0.0	2	2.2	90,043
3. Chisago County, MN	5	9.9	2	4.0	50,257
4. Dakota County, MN	19	4.8	4	1.0	392,755
5. Hennepin County, MN	98	8.6	14	1.2	1,140,988
6. Isanti County, MN					39,105
7. Ramsey County, MN	67	13.4	17	3.4	501,428
8. Scott County, MN	3	2.3	2	1.6	128,937
9. Sherburne County, MN	13	14.8	1	1.1	87,660
10. Washington County, MN	12	5.2	4	1.7	229,173
11. Wright County, MN					119,701
12. Pierce County, WI	0	0.0	0	0.0	40,254
13. St. Croix County, WI					82,487

Shaded areas did not participate in DAWN this year.

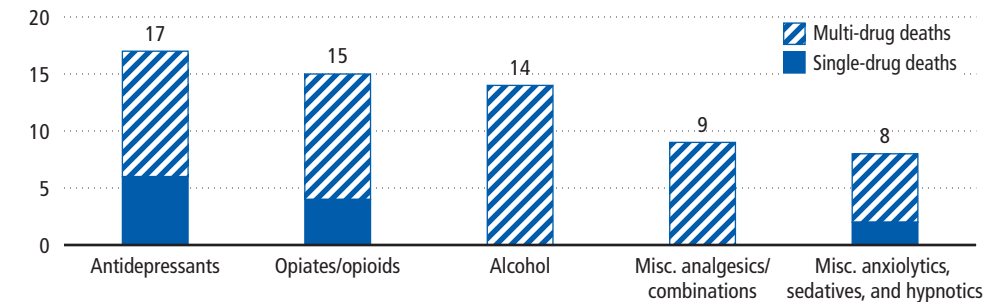
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

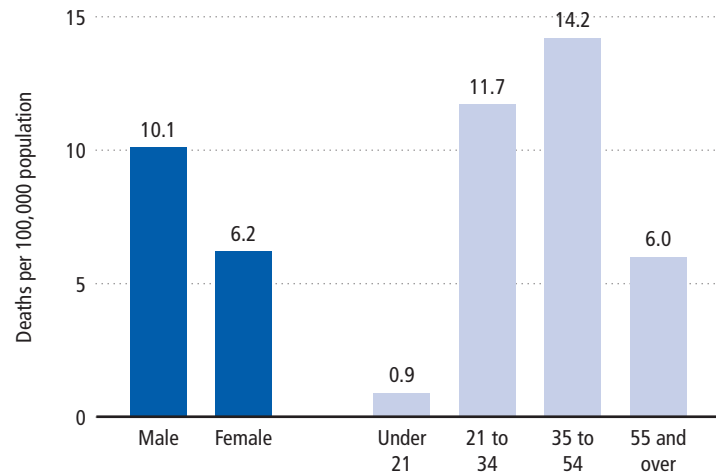


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

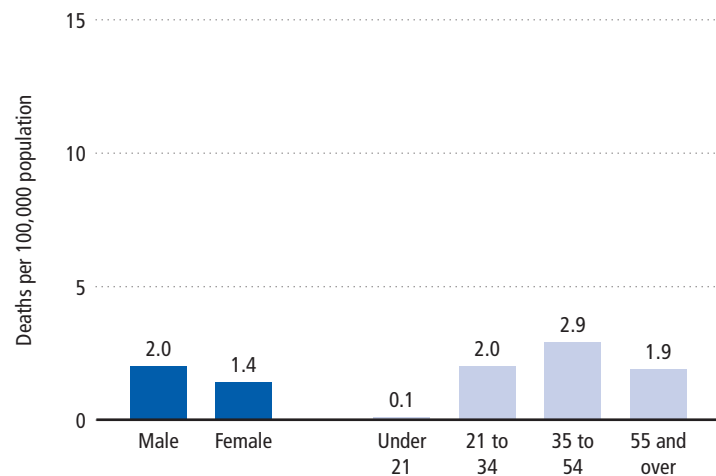
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Minneapolis-St. Paul-Bloomington, MN-WI

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	34	Health care facility	8
Home	146	Home	25
Public place	7	Public place	4
Other	29	Other	9
Not documented	--	Not documented	0

**Drug-related deaths by drug category, 2007-2008**

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>186</b>	<b>217</b>	<b>87</b>	<b>24</b>	<b>46</b>	<b>17</b>
Alcohol*	62	61	--	7	14	0
Cocaine	65	38	7	--	4	0
Marijuana	10	7	--	0	--	0
Stimulants	10	17	4	--	--	--
Club drugs†	0	--	--	0	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	0	--	0	--	0	0
Antidepressants	16	23	--	8	17	6
Antipsychotics	--	--	--	--	7	--
Benzodiazepines	15	32	--	5	4	0
Misc. anxiolytics, sedatives, and hypnotics	6	14	0	4	8	--
Opiates/opioids	131	153	53	10	15	4
Heroin (specified)	5	8	4	0	0	0
Methadone	43	39	12	--	--	--
All other opiates/opioids	92	112	37	9	13	--
Nonsteroidal anti-inflammatory agents	5	5	--	0	0	0
Salicylates/combinations	--	--	--	0	--	0
Misc. analgesics/combinations	14	17	--	5	9	0
Anticonvulsants	--	--	0	--	--	0
Muscle relaxants	5	6	--	--	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.

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, 2008 (08/2009 update).

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



## Hennepin County, MN: Deaths and population, 2008

**Deaths reported to DAWN**

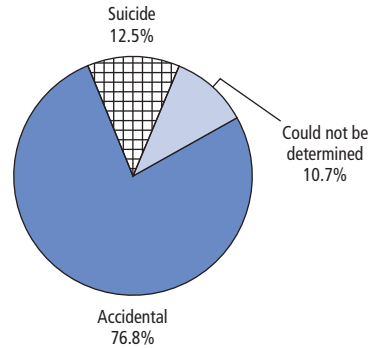
Drug-related.....	98
Drug-related suicide.....	14

**Population** .....1,140,988

**Deaths per 100,000 population**

Drug-related.....	8.6
Drug-related suicide.....	1.2

## Deaths by manner of death, 2008



## Place of death, 2008

Drug-related	Deaths
Health care facility	14
Home	68
Public place	--
Other	13
Not documented	0

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

## Drug-related deaths by drug category, 2007-2008

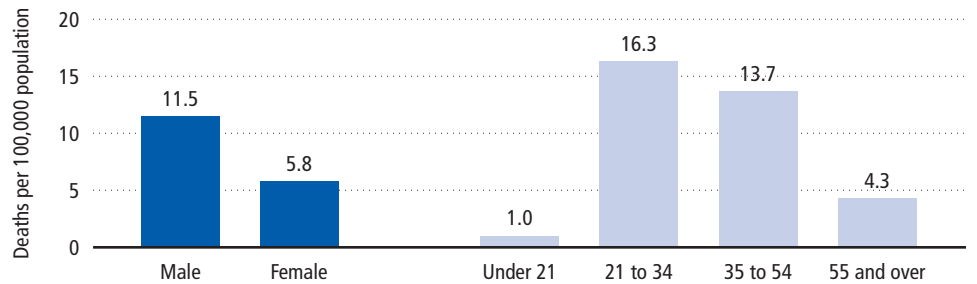
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>97</b>	<b>98</b>	<b>41</b>	<b>9</b>	<b>14</b>	<b>7</b>
Alcohol*	34	24	0	--	--	0
Cocaine	38	18	--	0	--	0
Marijuana	0	0	0	0	0	0
Stimulants	--	8	--	0	--	0
Club drugs†	0	0	0	0	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	0	--	0	0	0	0
Antidepressants	12	7	0	4	4	--
Antipsychotics	--	--	0	--	--	0
Benzodiazepines	5	6	--	0	0	0
Misc. anxiolytics, sedatives, and hypnotics	--	4	0	--	--	--
Opiates/opioids	69	79	31	4	5	--
Heroin (specified)	--	4	--	0	0	0
Methadone	22	21	7	0	--	--
All other opiates/opioids	46	57	22	4	4	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	0	0	0	0	0
Misc. analgesics/combinations	7	7	--	--	--	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.

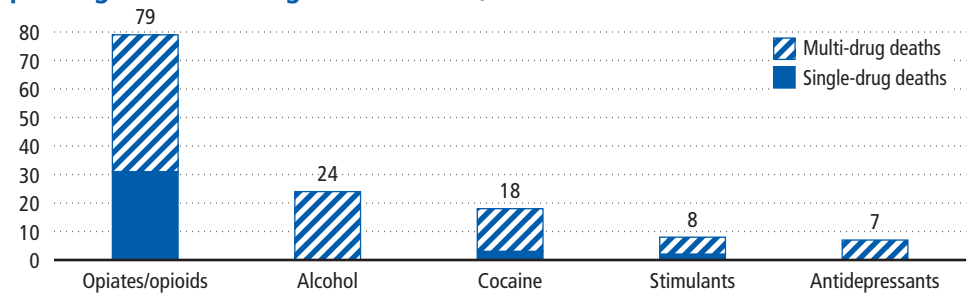
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).



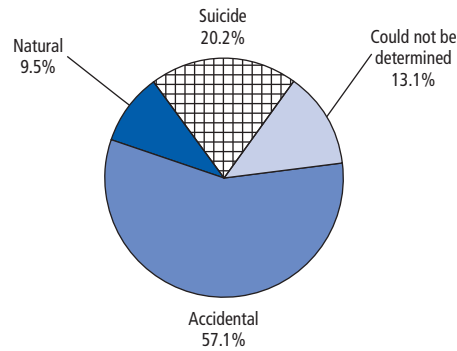
# Minneapolis-St. Paul-Bloomington, MN-WI: Ramsey County, MN



## Ramsey County, MN: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	67
Drug-related suicide.....	17
<b>Population .....</b>	<b>501,428</b>
<b>Deaths per 100,000 population</b>	
Drug-related.....	13.4
Drug-related suicide.....	3.4

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility	.....	16
Home	.....	40
Public place	.....	--
Other	.....	9
Not documented	.....	0
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility	.....	4
Home	.....	9
Public place	.....	0
Other	.....	4
Not documented	.....	0

## Drug-related deaths by drug category, 2007-2008

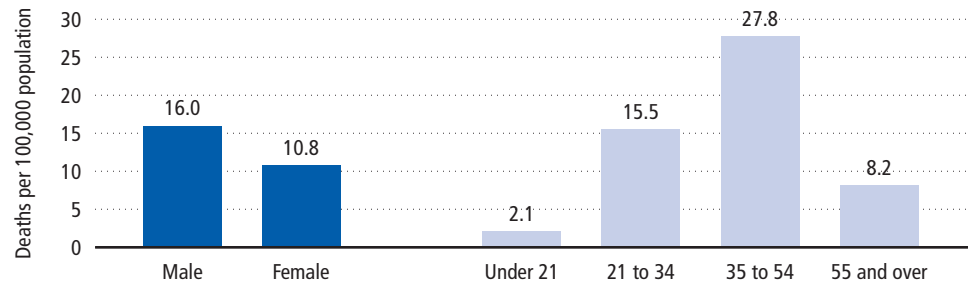
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>56</b>	<b>67</b>	<b>34</b>	<b>6</b>	<b>17</b>	<b>6</b>
Alcohol*	17	17	--	--	6	0
Cocaine	21	15	--	--	--	0
Marijuana	7	5	--	0	0	0
Stimulants	5	--	0	--	--	--
Club drugs†	0	0	0	0	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	0	0	0	--	0	0
Antidepressants	--	9	--	--	9	--
Antipsychotics	0	--	--	--	--	--
Benzodiazepines	7	14	--	--	--	0
Misc. anxiolytics, sedatives, and hypnotics	--	6	0	--	4	0
Opiates/opioids	39	38	16	--	6	--
Heroin (specified)	--	--	--	0	0	0
Methadone	13	8	4	--	--	0
All other opiates/opioids	30	29	10	--	5	--
Nonsteroidal anti-inflammatory agents	--	4	--	0	0	0
Salicylates/combinations	--	--	--	0	0	0
Misc. analgesics/combinations	4	5	--	0	--	0
Anticonvulsants	--	--	0	--	--	0
Muscle relaxants	--	--	--	--	--	0

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

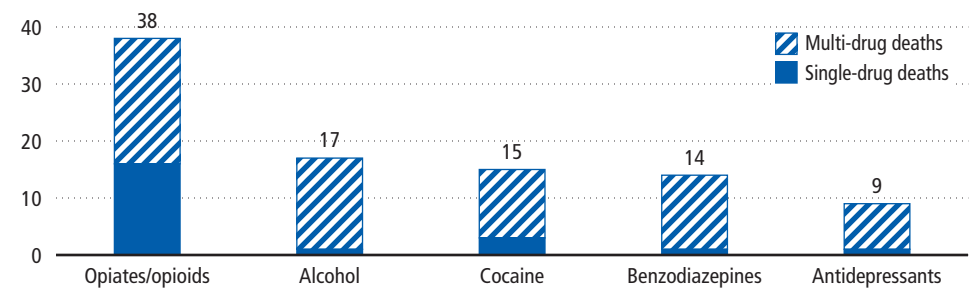
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



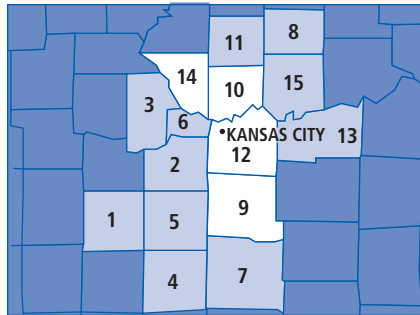
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

# Kansas City, MO-KS



**Deaths reported to DAWN**  
 Drug-related.....132  
 Drug-related suicide.....26

**Metro area population, 2008**..... 2,002,047

**Population covered by DAWN**..... 1,068,449

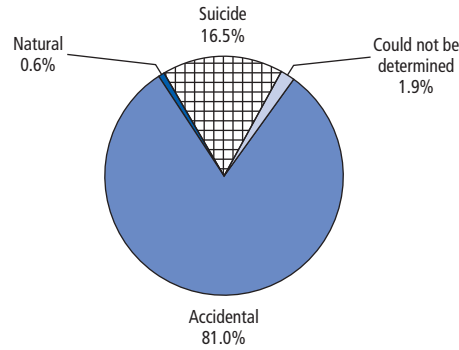
**Percent of population covered by DAWN**..... 53%

## Metro area overview: Deaths and population by county, 2008

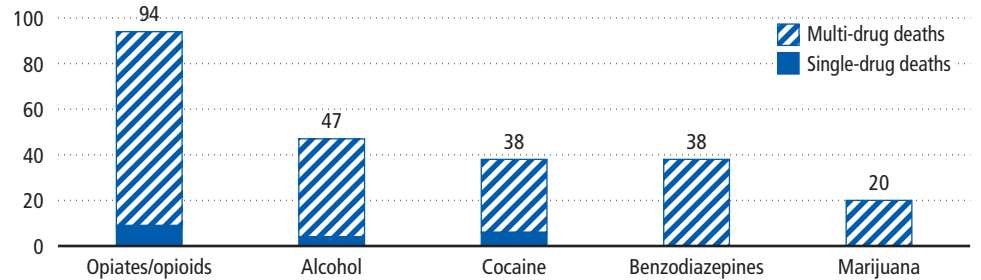
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (4)</b>	<b>132</b>	<b>12.4</b>	<b>26</b>	<b>2.4</b>	<b>1,068,449</b>
1. Franklin County, KS					26,562
2. Johnson County, KS					534,093
3. Leavenworth County, KS					74,276
4. Linn County, KS					9,616
5. Miami County, KS					30,989
6. Wyandotte County, KS					154,287
7. Bates County, MO					17,075
8. Caldwell County, MO					9,248
9. Cass County, MO	13	13.2	4	4.1	98,429
10. Clay County, MO	21	9.7	3	1.4	215,707
11. Clinton County, MO					21,094
12. Jackson County, MO	89	13.3	19	2.8	668,417
13. Lafayette County, MO					32,913
14. Platte County, MO	9	10.5	0	0.0	85,896
15. Ray County, MO					23,445

Shaded areas did not participate in DAWN this year.

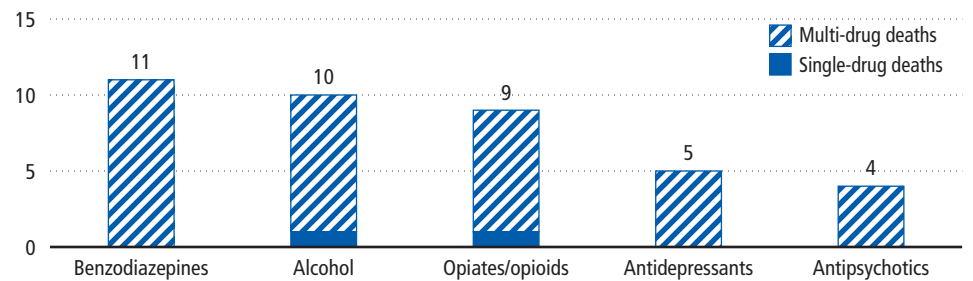
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

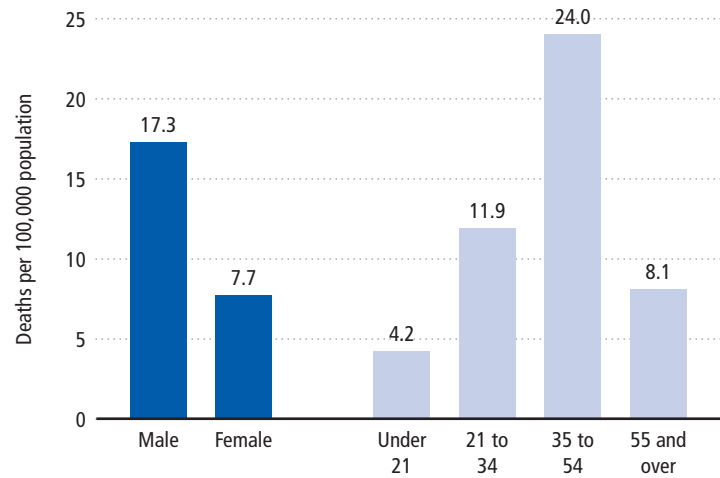


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

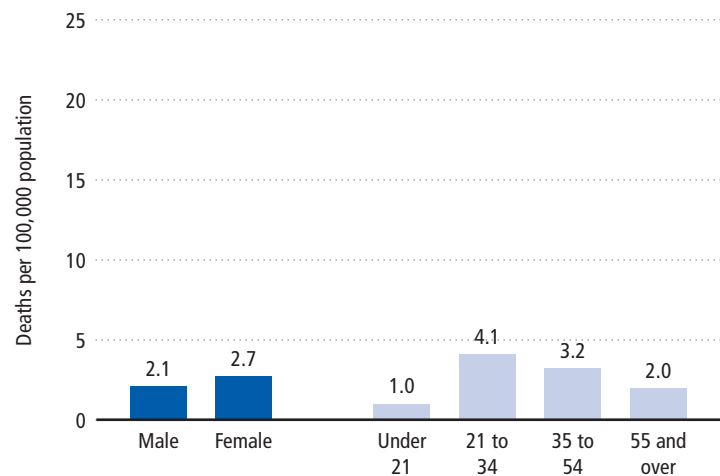
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Kansas City, MO-KS

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	35	Health care facility	7
Home	79	Home	12
Public place	0	Public place	0
Other	18	Other	7
Not documented	0	Not documented	0

**Drug-related deaths by drug category, 2007-2008**

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>112</b>	<b>132</b>	<b>23</b>	<b>23</b>	<b>26</b>	<b>6</b>
Alcohol*	34	47	4	6	10	--
Cocaine	32	38	6	--	--	--
Marijuana	19	20	0	4	0	0
Stimulants	8	6	--	--	--	0
Club drugs†	0	--	0	0	0	0
Hallucinogens††	--	--	0	0	0	0
Inhalants	0	--	--	0	--	0
Antidepressants	19	17	0	5	5	0
Antipsychotics	0	4	0	--	4	0
Benzodiazepines	29	38	0	10	11	0
Misc. anxiolytics, sedatives, and hypnotics	--	4	0	--	--	0
Opiates/opioids	66	94	9	8	9	--
Heroin (specified)	--	--	--	0	0	0
Methadone	23	26	4	--	4	0
All other opiates/opioids	43	68	4	7	7	--
Nonsteroidal anti-inflammatory agents	--	0	0	--	--	0
Salicylates/combinations	0	0	0	0	0	0
Misc. analgesics/combinations	6	6	0	--	4	--
Anticonvulsants	--	9	0	--	--	0
Muscle relaxants	5	9	0	0	--	0

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

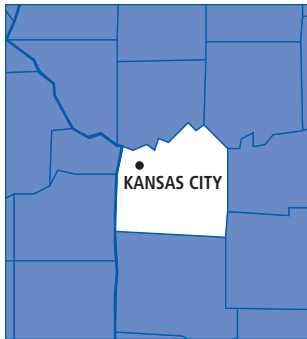
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† 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, 2008 (08/2009 update).

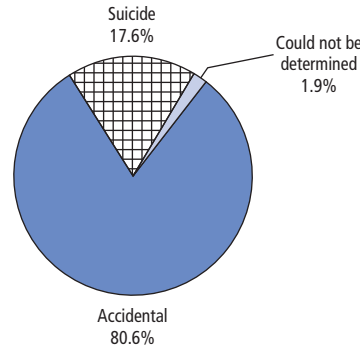
# Kansas City, MO-KS: Jackson County, MO



## Jackson County, MO: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	89
Drug-related suicide.....	19
<b>Population</b> .....	668,417
<b>Deaths per 100,000 population</b>	
Drug-related.....	13.3
Drug-related suicide.....	2.8

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>	<b>Deaths</b>
Health care facility.....	26
Home.....	52
Public place.....	0
Other.....	11
Not documented.....	0
<b>Drug-related suicide</b>	<b>Deaths</b>
Health care facility.....	7
Home.....	7
Public place.....	0
Other.....	5
Not documented.....	0

## Drug-related deaths by drug category, 2007-2008

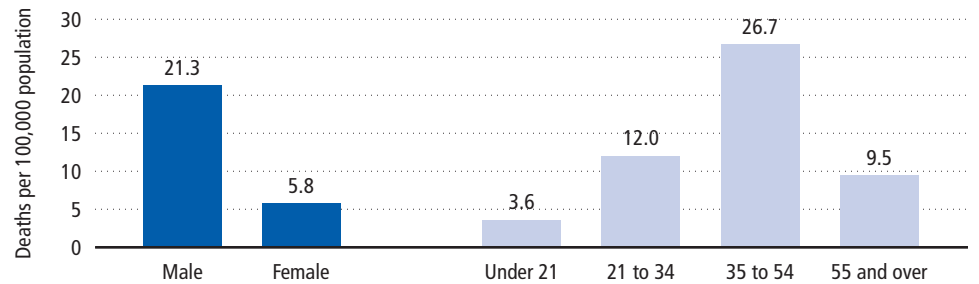
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>72</b>	<b>89</b>	<b>15</b>	<b>19</b>	<b>19</b>	<b>6</b>
Alcohol*	22	33	--	5	8	--
Cocaine	24	32	6	--	--	--
Marijuana	14	16	0	--	0	0
Stimulants	5	5	--	--	--	0
Club drugs†	0	--	0	0	0	0
Hallucinogens††	--	--	0	0	0	0
Inhalants	0	--	--	0	--	0
Antidepressants	12	9	0	--	--	0
Antipsychotics	0	--	0	--	--	0
Benzodiazepines	15	23	0	7	7	0
Misc. anxiolytics, sedatives, and hypnotics	--	--	0	--	--	0
Opiates/opioids	42	58	--	8	6	--
Heroin (specified)	0	--	--	0	0	0
Methadone	14	14	0	--	--	0
All other opiates/opioids	29	44	--	7	5	--
Nonsteroidal anti-inflammatory agents	0	0	0	--	0	0
Salicylates/combinations	0	0	0	0	0	0
Misc. analgesics/combinations	--	--	0	--	--	--
Anticonvulsants	--	5	0	0	0	0
Muscle relaxants	5	6	0	0	--	0

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

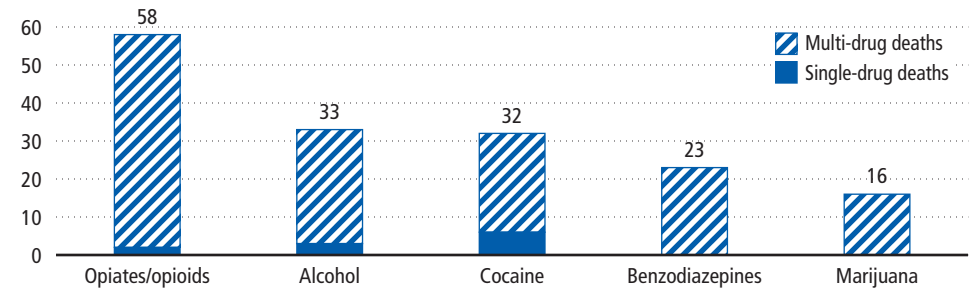
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



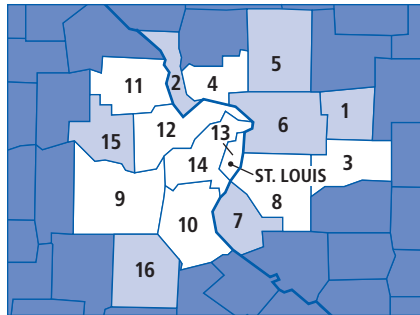
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

# St. Louis, MO-IL



**Deaths reported to DAWN**  
 Drug-related.....290  
 Drug-related suicide.....38

**Metro area population, 2008**..... 2,816,710

**Population covered by DAWN**..... 2,388,574

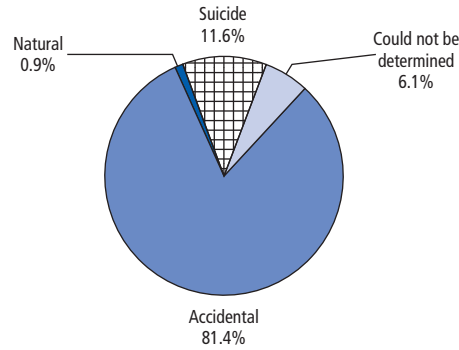
**Percent of population covered by DAWN**..... 85%

## Metro area overview: Deaths and population by county, 2008

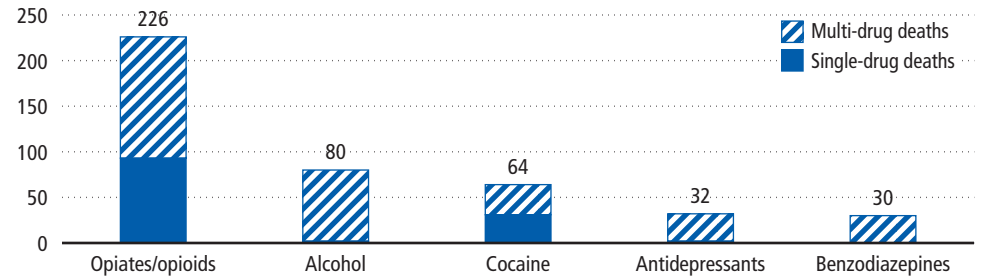
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (9)</b>	<b>290</b>	<b>12.1</b>	<b>38</b>	<b>1.6</b>	<b>2,388,574</b>
1. Bond County, IL					18,253
2. Calhoun County, IL					5,101
3. Clinton County, IL	2	5.4	0	0.0	36,711
4. Jersey County, IL	3	13.3	0	0.0	22,622
5. Macoupin County, IL					48,138
6. Madison County, IL					268,078
7. Monroe County, IL					32,804
8. St. Clair County, IL	21	8.0	0	0.0	262,291
9. Franklin County, MO	20	19.8	1	1.0	100,898
10. Jefferson County, MO	21	9.6	4	1.8	217,679
11. Lincoln County, MO	2	3.8	0	0.0	52,775
12. St. Charles County, MO	36	10.3	6	1.7	349,407
13. St. Louis City, MO	77	21.7	8	2.3	354,361
14. St. Louis County, MO	108	10.9	19	1.9	991,830
15. Warren County, MO					31,214
16. Washington County, MO					24,548

Shaded areas did not participate in DAWN this year.

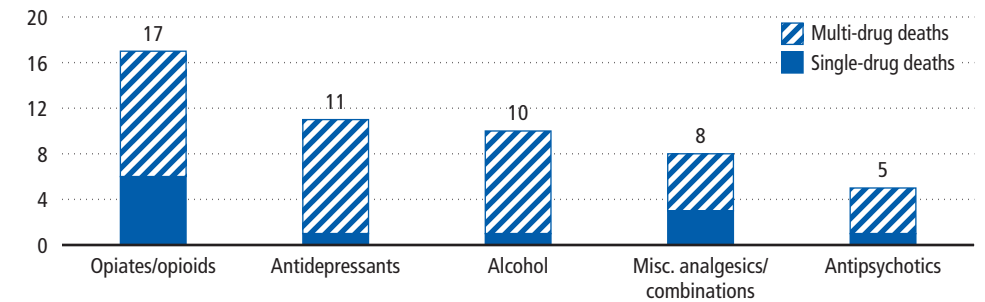
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

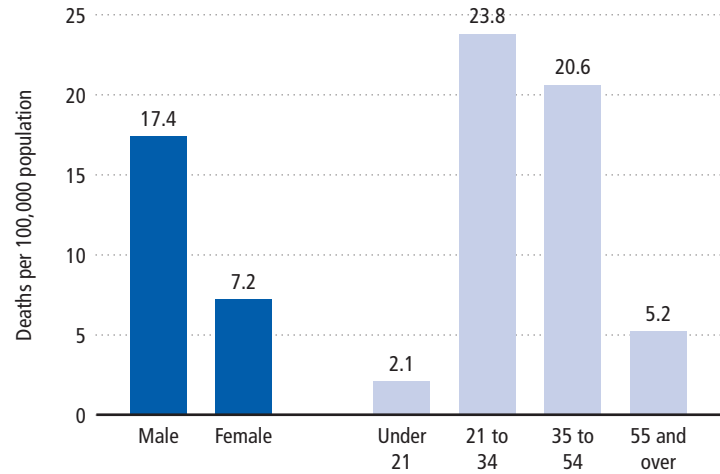


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

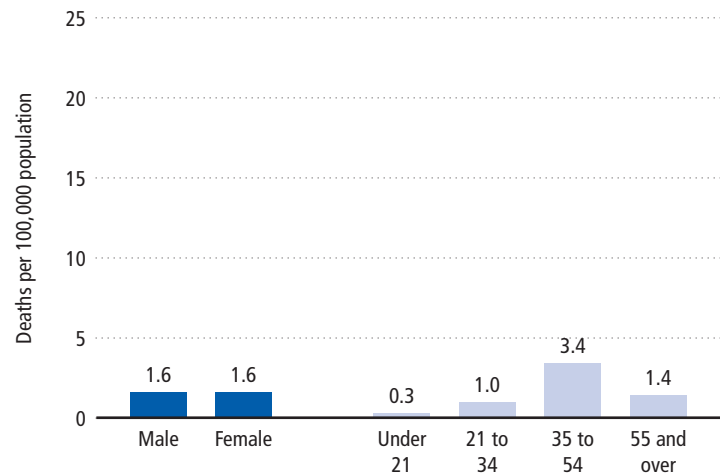
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# St. Louis, MO-IL

### Death rates by gender and age: Drug-related, 2008



### Death rates by gender and age: Drug-related suicide, 2008



### Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	108	Health care facility	9
Home	134	Home	24
Public place	10	Public place	--
Other	38	Other	4
Not documented	0	Not documented	0

### Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>265</b>	<b>290</b>	<b>138</b>	<b>44</b>	<b>38</b>	<b>13</b>
Alcohol*	73	80	--	10	10	--
Cocaine	96	64	31	--	--	0
Marijuana	--	4	--	0	0	0
Stimulants	8	6	--	--	0	0
Club drugs†	--	--	0	--	0	0
Hallucinogens††	--	--	0	0	0	0
Inhalants	--	--	0	--	0	0
Antidepressants	21	32	--	18	11	--
Antipsychotics	8	4	--	5	5	--
Benzodiazepines	24	30	0	11	4	--
Misc. anxiolytics, sedatives, and hypnotics	8	5	0	4	--	0
Opiates/opioids	153	226	93	9	17	6
Heroin (specified)	67	118	56	--	--	--
Methadone	18	33	10	--	--	--
All other opiates/opioids	81	102	27	6	14	4
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	--	--	--	--	0
Misc. analgesics/combinations	4	12	--	9	8	--
Anticonvulsants	--	0	0	0	0	0
Muscle relaxants	--	6	0	--	--	0

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

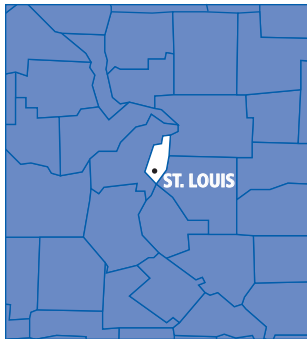
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

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, 2008 (08/2009 update).

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



## St. Louis City, MO: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	77
Drug-related suicide.....	8
<b>Population</b> .....	354,361
<b>Deaths per 100,000 population</b>	
Drug-related.....	21.7
Drug-related suicide.....	2.3

## Drug-related deaths by drug category, 2007-2008

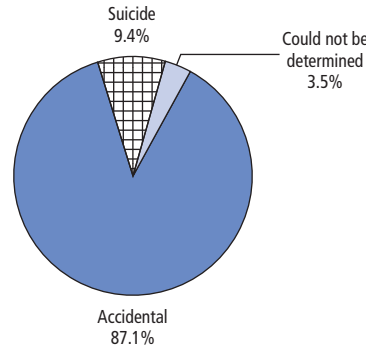
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>88</b>	<b>77</b>	<b>46</b>	<b>8</b>	<b>8</b>	<b>5</b>
Alcohol*	15	20	0	--	--	0
Cocaine	42	24	23	0	0	0
Marijuana	0	0	0	0	0	0
Stimulants	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	--	4	0	4	--	0
Antipsychotics	--	0	0	--	--	--
Benzodiazepines	6	8	0	0	0	0
Misc. anxiolytics, sedatives, and hypnotics	0	--	0	--	0	0
Opiates/opioids	45	47	19	0	--	--
Heroin (specified)	25	34	18	0	--	0
Methadone	5	--	0	0	0	0
All other opiates/opioids	19	14	--	0	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	--	--	0	0	0
Misc. analgesics/combinations	0	4	--	--	--	--
Anticonvulsants	0	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.

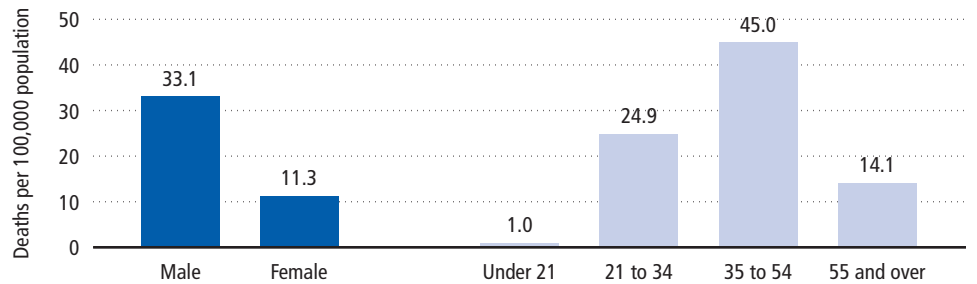
## Deaths by manner of death, 2008



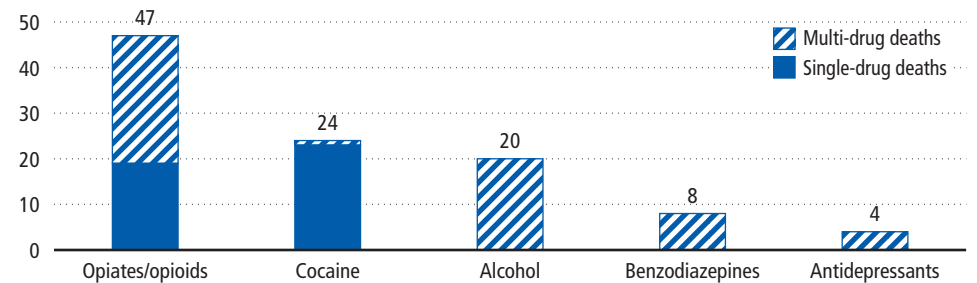
## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility		38
Home		29
Public place		--
Other		8
Not documented		0
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility		4
Home		4
Public place		0
Other		0
Not documented		0

## Death rates by gender and age: Drug-related, 2008



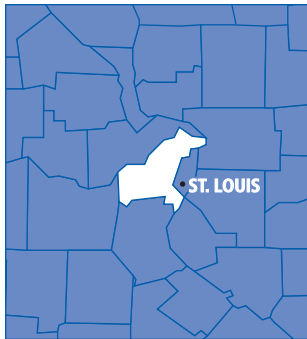
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

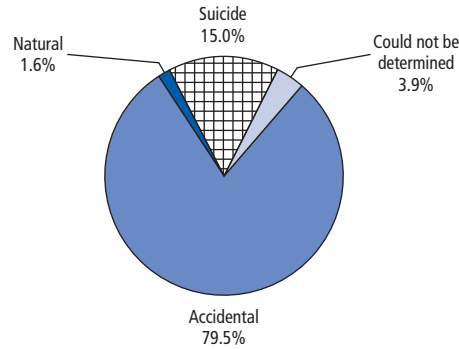
# St. Louis, MO-IL: St. Louis County, MO



## St. Louis County, MO: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	108
Drug-related suicide.....	19
<b>Population</b> .....	991,830
<b>Deaths per 100,000 population</b>	
Drug-related.....	10.9
Drug-related suicide.....	1.9

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility		35
Home		49
Public place		--
Other		21
Not documented		0
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility		4
Home		11
Public place		--
Other		--
Not documented		0

## Drug-related deaths by drug category, 2007-2008

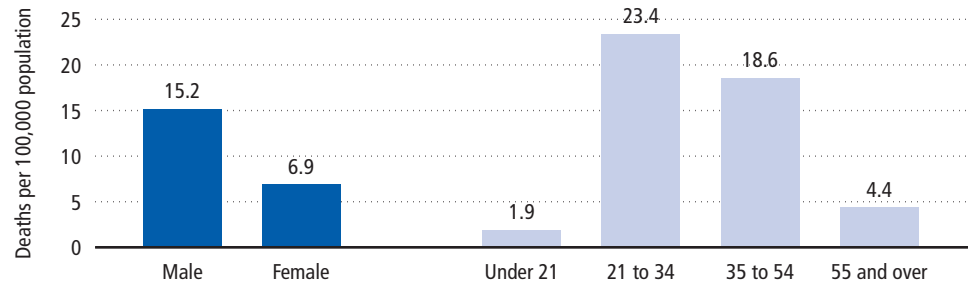
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>101</b>	<b>108</b>	<b>45</b>	<b>23</b>	<b>19</b>	<b>6</b>
Alcohol*	29	33	--	7	6	--
Cocaine	39	26	7	--	--	0
Marijuana	--	0	0	0	0	0
Stimulants	4	0	0	--	0	0
Club drugs†	--	0	0	--	0	0
Hallucinogens††	--	--	0	0	0	0
Inhalants	--	0	0	--	0	0
Antidepressants	10	15	--	9	7	--
Antipsychotics	--	--	0	--	--	0
Benzodiazepines	8	6	0	4	--	--
Misc. anxiolytics, sedatives, and hypnotics	4	0	0	--	--	0
Opiates/opioids	57	90	33	4	7	--
Heroin (specified)	28	50	19	--	--	--
Methadone	9	13	--	--	--	0
All other opiates/opioids	26	39	13	--	6	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	0	0	--	--	0
Misc. analgesics/combinations	--	--	0	5	--	--
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.

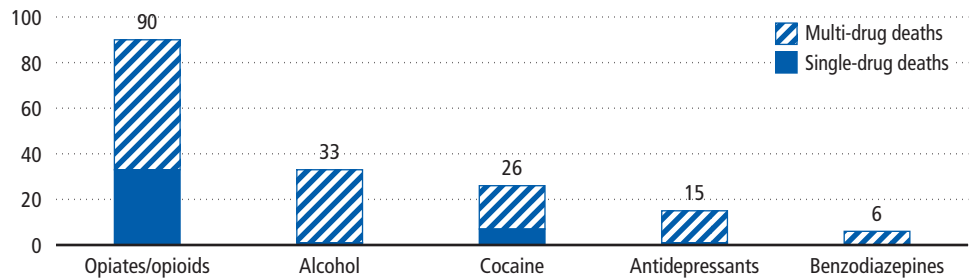
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008

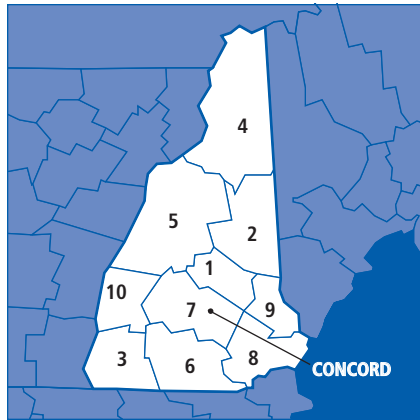


NOTES: 1. Drug-related deaths exclude suicides.  
2. All death rates are per 100,000 population.  
3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).



# New Hampshire

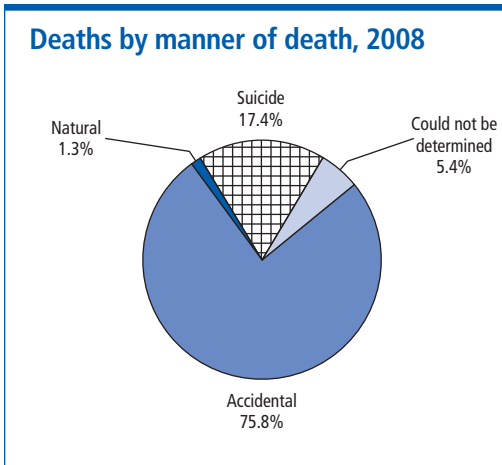


**Deaths reported to DAWN**  
 Drug-related.....123  
 Drug-related suicide.....26

**State population, 2008**..... 1,315,809

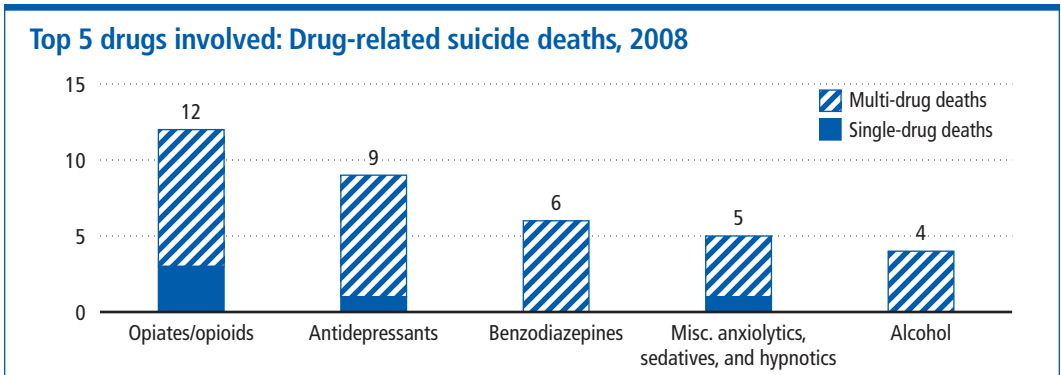
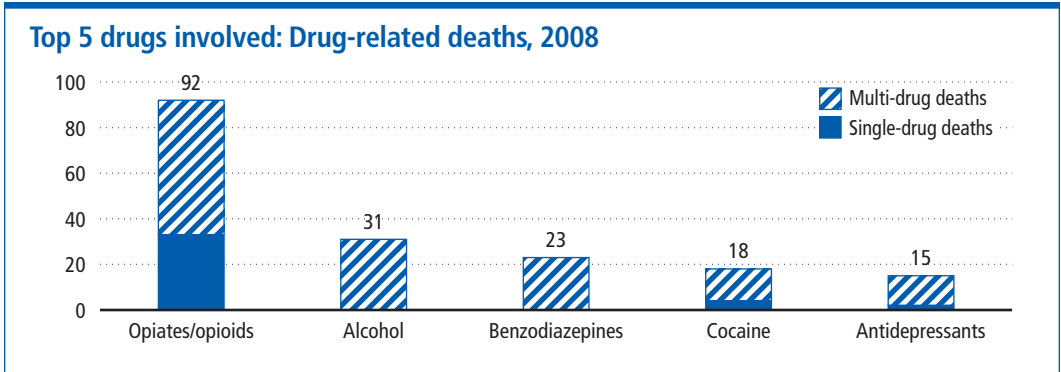
**Population covered by DAWN**..... 1,315,809

**Percent of population covered by DAWN**..... 100%



## State overview: Deaths and population by county, 2008

Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (10)</b>	<b>123</b>	<b>9.3</b>	<b>26</b>	<b>2.0</b>	<b>1,315,809</b>
1. Belknap County	8	13.1	1	1.6	61,281
2. Carroll County	2	4.2	1	2.1	47,408
3. Cheshire County	2	2.6	0	0.0	77,170
4. Coos County	4	12.5	0	0.0	31,971
5. Grafton County	13	15.1	3	3.5	85,921
6. Hillsborough County	40	9.9	9	2.2	402,042
7. Merrimack County	15	10.1	2	1.3	148,161
8. Rockingham County	20	6.7	4	1.3	297,350
9. Strafford County	15	12.3	5	4.1	121,914
10. Sullivan County	4	9.4	1	2.3	42,591

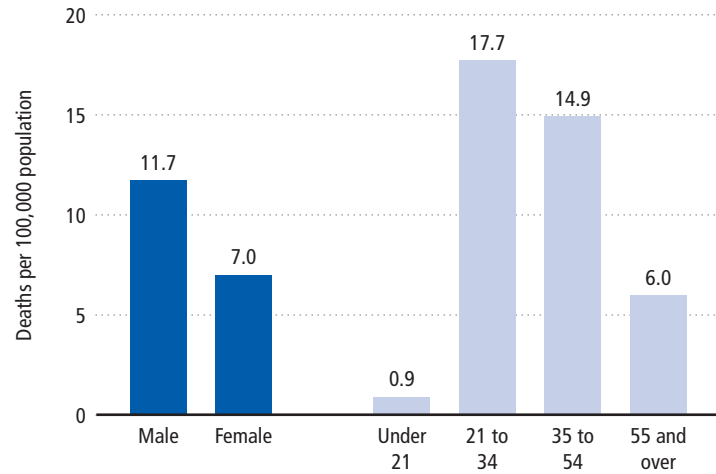


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

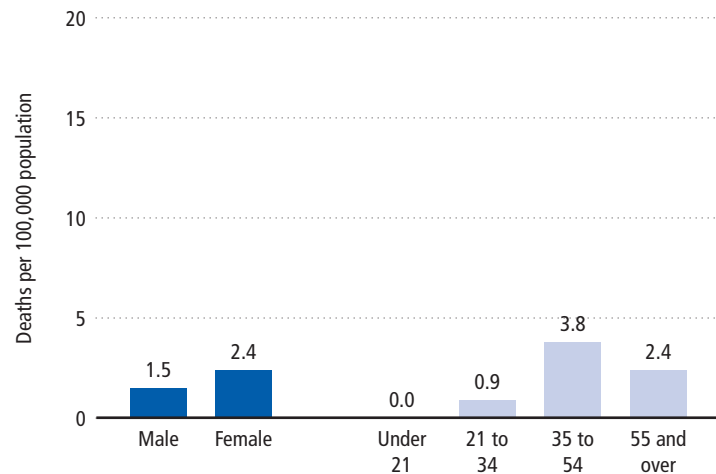
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# New Hampshire

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	47	Health care facility	7
Home	59	Home	17
Public place	5	Public place	--
Other	12	Other	--
Not documented	0	Not documented	0

**Drug-related deaths by drug category, 2007-2008**

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>166</b>	<b>123</b>	<b>51</b>	<b>34</b>	<b>26</b>	<b>8</b>
Alcohol*	43	31	0	10	4	0
Cocaine	37	18	4	--	--	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	11	15	--	12	9	--
Antipsychotics	4	--	0	--	--	0
Benzodiazepines	30	23	0	12	6	0
Misc. anxiolytics, sedatives, and hypnotics	4	5	0	7	5	--
Opiates/opioids	135	92	33	13	12	--
Heroin (specified)	13	22	13	0	0	0
Methadone	61	24	9	--	--	0
All other opiates/opioids	72	53	11	12	12	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	--	--	--	--	0	0
Misc. analgesics/combinations	4	6	--	5	4	--
Anticonvulsants	--	--	0	0	--	0
Muscle relaxants	4	8	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.

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, 2008 (08/2009 update).

## Berlin, NH-VT

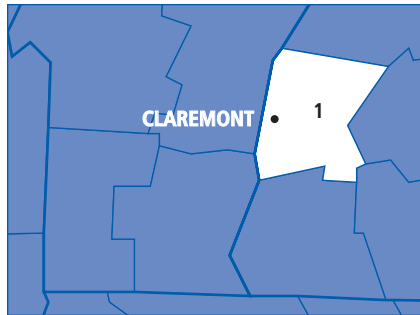


<b>Deaths reported to DAWN</b>	
Drug-related.....	5
Drug-related suicide.....	0
<b>Metro area population, 2008</b> ..... 38,471	
<b>Population covered by DAWN</b> ..... 38,471	
<b>Percent of population covered by DAWN</b> ..... 100%	

### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (2)</b>	<b>5</b>	<b>13.0</b>	<b>0</b>	<b>0.0</b>	<b>38,471</b>
1. Coos County, NH	4	12.5	0	0.0	31,971
2. Essex County, VT	1	15.4	0	0.0	6,500

## Claremont, NH



<b>Deaths reported to DAWN</b>	
Drug-related.....	4
Drug-related suicide.....	1
<b>Metro area population, 2008</b> ..... 42,591	
<b>Population covered by DAWN</b> ..... 42,591	
<b>Percent of population covered by DAWN</b> ..... 100%	

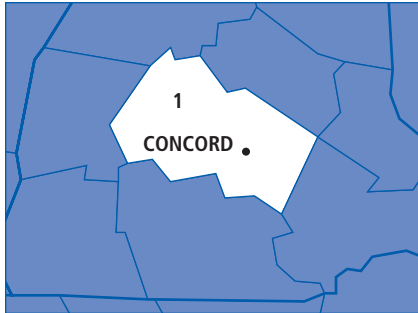
### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>4</b>	<b>9.4</b>	<b>1</b>	<b>2.3</b>	<b>42,591</b>
1. Sullivan County, NH	4	9.4	1	2.3	42,591

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, 2008 (08/2009 update).

# Concord, NH



**Deaths reported to DAWN**  
 Drug-related.....15  
 Drug-related suicide.....2

**Metro area population, 2008**..... 148,161

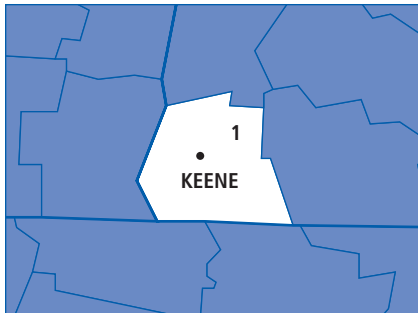
**Population covered by DAWN**..... 148,161

**Percent of population covered by DAWN**..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>15</b>	<b>10.1</b>	<b>2</b>	<b>1.3</b>	<b>148,161</b>
1. Merrimack County, NH	15	10.1	2	1.3	148,161

# Keene, NH



**Deaths reported to DAWN**  
 Drug-related.....2  
 Drug-related suicide.....0

**Metro area population, 2008**..... 77,170

**Population covered by DAWN**..... 77,170

**Percent of population covered by DAWN**..... 100%

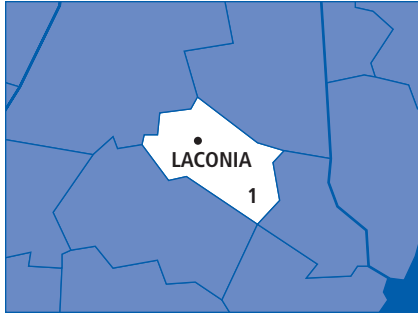
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>2</b>	<b>2.6</b>	<b>0</b>	<b>0.0</b>	<b>77,170</b>
1. Cheshire County, NH	2	2.6	0	0.0	77,170

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, 2008 (08/2009 update).

## Laconia, NH

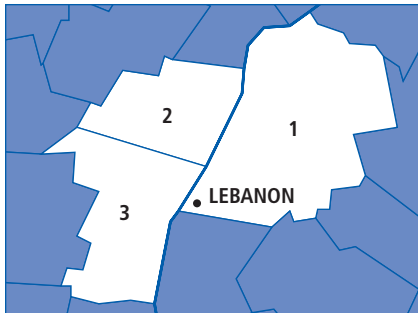


<b>Deaths reported to DAWN</b>	
Drug-related.....	8
Drug-related suicide.....	1
<b>Metro area population, 2008.....</b>	
	61,281
<b>Population covered by DAWN.....</b>	
	61,281
<b>Percent of population covered by DAWN.....</b>	
	100%

### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>8</b>	<b>13.1</b>	<b>1</b>	<b>1.6</b>	<b>61,281</b>
1. Belknap County, NH	8	13.1	1	1.6	61,281

## Lebanon, NH-VT



<b>Deaths reported to DAWN</b>	
Drug-related.....	24
Drug-related suicide.....	6
<b>Metro area population, 2008.....</b>	
	171,404
<b>Population covered by DAWN.....</b>	
	171,404
<b>Percent of population covered by DAWN.....</b>	
	100%

### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (3)</b>	<b>24</b>	<b>14.0</b>	<b>6</b>	<b>3.5</b>	<b>171,404</b>
1. Grafton County, NH	13	15.1	3	3.5	85,921
2. Orange County, VT	3	10.4	1	3.5	28,917
3. Windsor County, VT	8	14.1	2	3.5	56,566

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, 2008 (08/2009 update).

# Manchester-Nashua, NH



Deaths reported to DAWN  
 Drug-related.....40  
 Drug-related suicide.....9

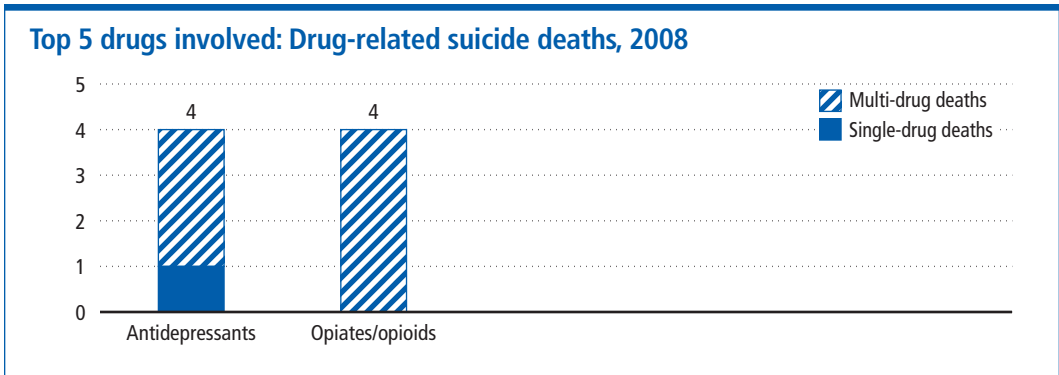
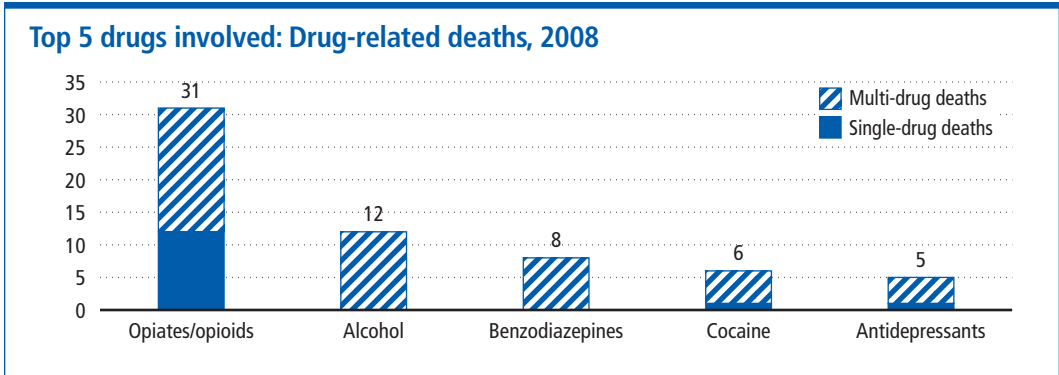
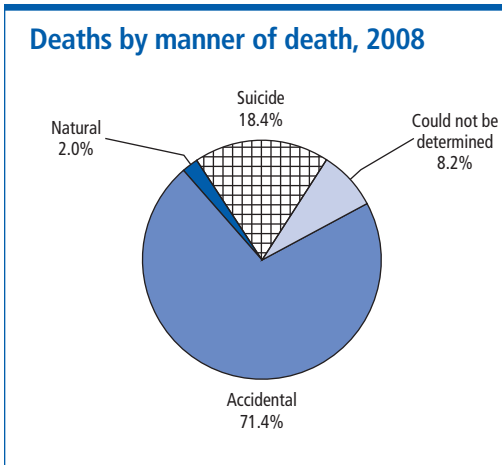
Metro area  
 population, 2008..... 402,042

Population  
 covered by DAWN..... 402,042

Percent of population  
 covered by DAWN..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	40	9.9	9	2.2	402,042
1. Hillsborough County, NH	40	9.9	9	2.2	402,042

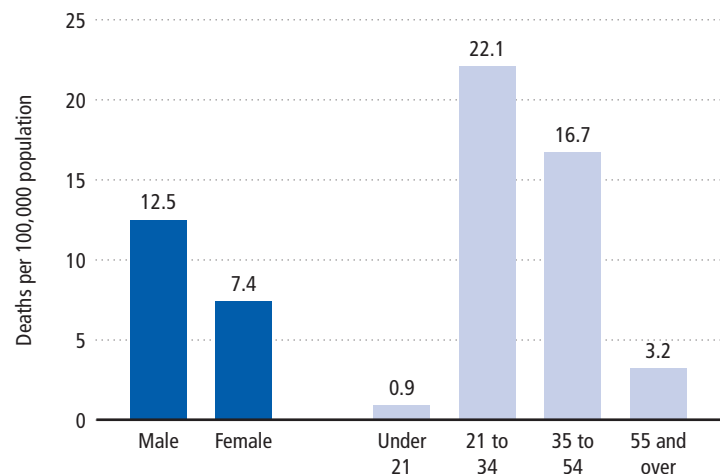


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

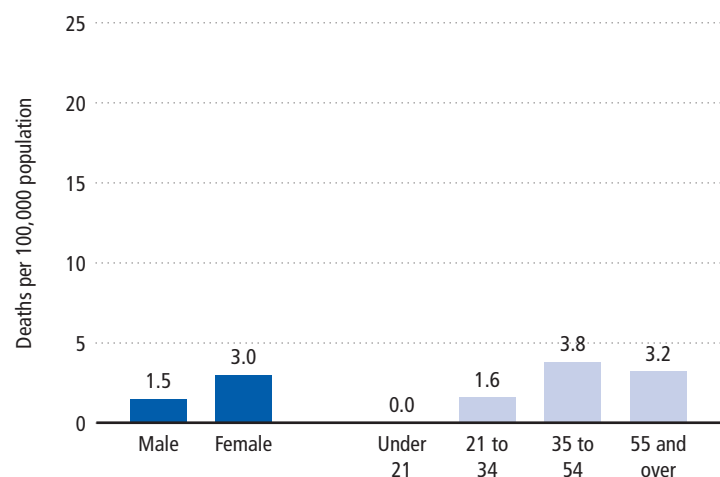
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Manchester-Nashua, NH

### Death rates by gender and age: Drug-related, 2008



### Death rates by gender and age: Drug-related suicide, 2008



### Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	10	Health care facility	--
Home	20	Home	7
Public place	--	Public place	0
Other	7	Other	0
Not documented	0	Not documented	0

### Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>40</b>	<b>40</b>	<b>17</b>	<b>12</b>	<b>9</b>	<b>--</b>
Alcohol*	15	12	0	5	--	--
Cocaine	15	6	--	--	--	--
Marijuana	0	0	0	0	0	--
Stimulants	--	--	0	0	0	--
Club drugs†	0	0	0	0	0	--
Hallucinogens††	0	0	0	0	0	--
Inhalants	0	0	0	0	0	--
Antidepressants	--	5	--	8	4	--
Antipsychotics	--	--	0	--	--	--
Benzodiazepines	8	8	0	5	--	--
Misc. anxiolytics, sedatives, and hypnotics	--	--	0	--	--	--
Opiates/opioids	32	31	12	--	4	--
Heroin (specified)	5	9	6	0	0	--
Methadone	9	5	4	0	0	--
All other opiates/opioids	21	17	--	--	4	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	0	0	0	0	0	--
Misc. analgesics/combinations	--	--	--	4	--	--
Anticonvulsants	0	--	0	0	--	--
Muscle relaxants	--	--	0	--	--	--

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

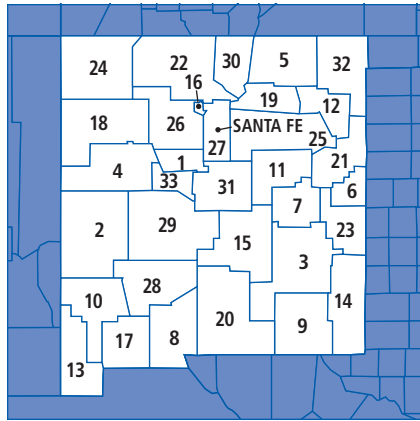
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

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, 2008 (08/2009 update).

# New Mexico

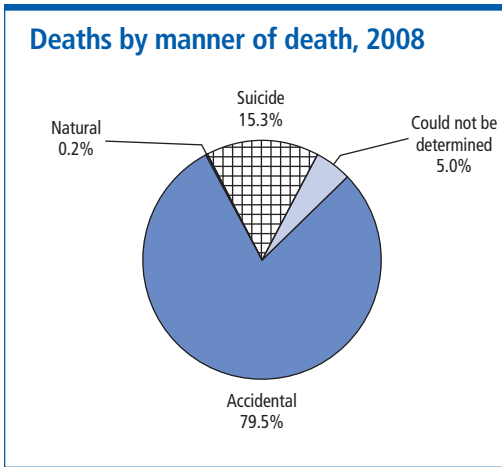


**Deaths reported to DAWN**  
 Drug-related.....437  
 Drug-related suicide.....79

**State population, 2008**..... 1,984,356

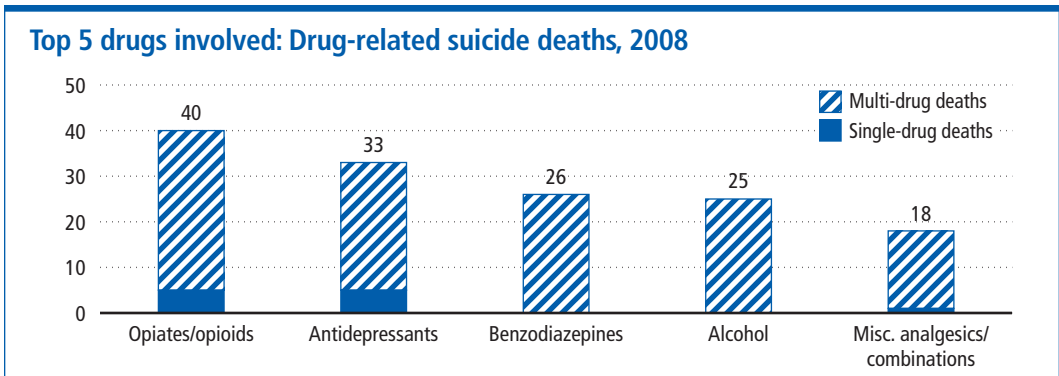
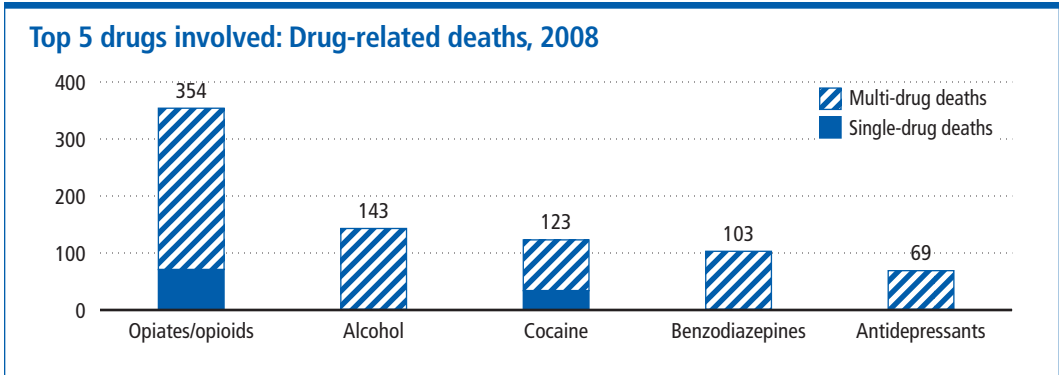
**Population covered by DAWN**..... 1,984,356

**Percent of population covered by DAWN**..... 100%



## State overview: Deaths and population by county, 2008

Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (33)</b>	<b>437</b>	<b>22.0</b>	<b>79</b>	<b>4.0</b>	<b>1,984,356</b>
1. Bernalillo County	201	31.6	31	4.9	635,139
2. Catron County	0	0.0	0	0.0	3,405
3. Chaves County	11	17.4	1	1.6	63,060
4. Cibola County	5	18.3	0	0.0	27,285
5. Colfax County	4	30.9	1	7.7	12,962
6. Curry County	5	11.4	0	0.0	43,755
7. De Baca County	0	0.0	0	0.0	1,907
8. Doña Ana County	27	13.4	6	3.0	201,603
9. Eddy County	13	25.3	0	0.0	51,360
10. Grant County	9	30.2	5	16.8	29,844
11. Guadalupe County	3	69.0	0	0.0	4,346
12. Harding County	0	0.0	0	0.0	684
13. Hidalgo County	0	0.0	0	0.0	4,910
14. Lea County	14	23.7	0	0.0	59,155
15. Lincoln County	1	4.8	1	4.8	20,793
16. Los Alamos County	2	11.0	1	5.5	18,150
17. Luna County	0	0.0	1	3.7	27,227
18. McKinley County	10	14.1	2	2.8	70,724
19. Mora County	3	59.4	0	0.0	5,052
20. Otero County	8	12.7	5	8.0	62,776
21. Quay County	1	11.2	0	0.0	8,929
22. Rio Arriba County	25	61.4	1	2.5	40,692
23. Roosevelt County	0	0.0	1	5.3	18,889
24. San Juan County	14	11.4	3	2.4	122,500
25. San Miguel County	10	35.0	0	0.0	28,558
26. Sandoval County	12	9.8	3	2.5	122,298
27. Santa Fe County	27	18.8	12	8.3	143,937
28. Sierra County	3	24.1	1	8.0	12,437
29. Socorro County	4	22.0	0	0.0	18,180
30. Taos County	9	28.5	1	3.2	31,546
31. Torrance County	4	24.6	2	12.3	16,269
32. Union County	0	0.0	0	0.0	3,777
33. Valencia County	12	16.6	1	1.4	72,207



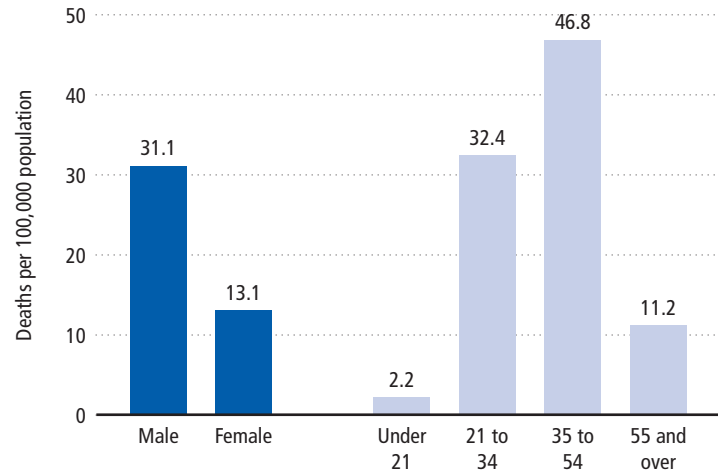
NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

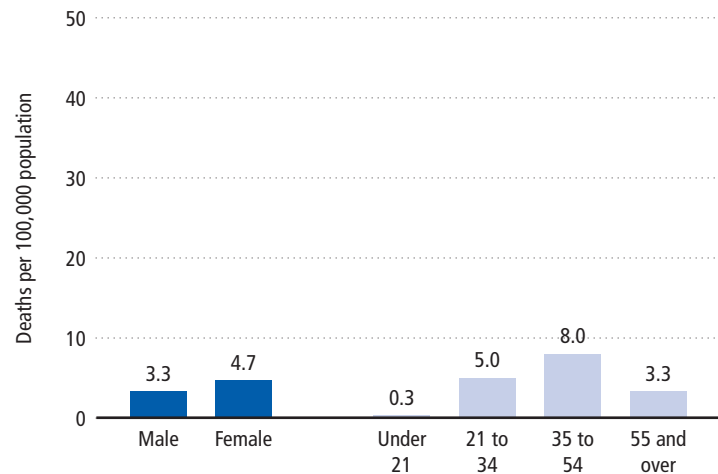


# New Mexico

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	85	Health care facility	20
Home	260	Home	55
Public place	28	Public place	--
Other	64	Other	--
Not documented	0	Not documented	0

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>414</b>	<b>437</b>	<b>125</b>	<b>63</b>	<b>79</b>	<b>23</b>
Alcohol*	160	143	--	15	25	0
Cocaine	133	123	34	--	--	0
Marijuana	19	--	0	--	0	0
Stimulants	50	29	11	--	--	0
Club drugs†	--	--	0	0	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	--	--	0	0	--	0
Antidepressants	73	69	--	35	33	5
Antipsychotics	12	19	0	10	8	--
Benzodiazepines	103	103	--	20	26	0
Misc. anxiolytics, sedatives, and hypnotics	46	27	--	7	13	--
Opiates/opioids	315	354	71	33	40	5
Heroin (specified)	39	74	24	--	--	--
Methadone	69	57	7	--	7	--
All other opiates/opioids	241	258	40	30	35	--
Nonsteroidal anti-inflammatory agents	5	0	0	--	0	0
Salicylates/combinations	--	0	0	--	0	0
Misc. analgesics/combinations	38	18	--	13	18	--
Anticonvulsants	--	8	0	4	--	0
Muscle relaxants	27	28	0	7	9	--

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

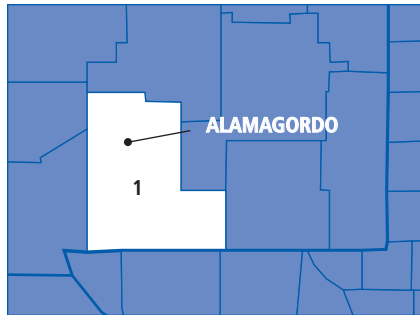
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† 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, 2008 (08/2009 update).

# Alamogordo, NM



<b>Deaths reported to DAWN</b>	
Drug-related.....	8
Drug-related suicide.....	5
<b>Metro area population, 2008.....</b>	
	62,776
<b>Population covered by DAWN.....</b>	
	62,776
<b>Percent of population covered by DAWN.....</b>	
	100%

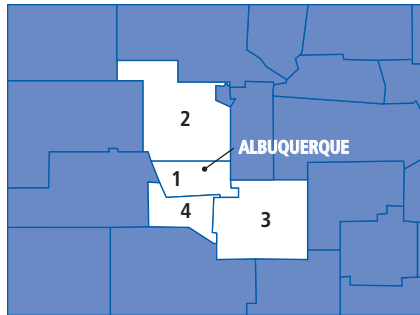
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>8</b>	<b>12.7</b>	<b>5</b>	<b>8.0</b>	<b>62,776</b>
1. Otero County, NM	8	12.7	5	8.0	62,776

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, 2008 (08/2009 update).

# Albuquerque, NM



**Deaths reported to DAWN**  
 Drug-related.....229  
 Drug-related suicide.....37

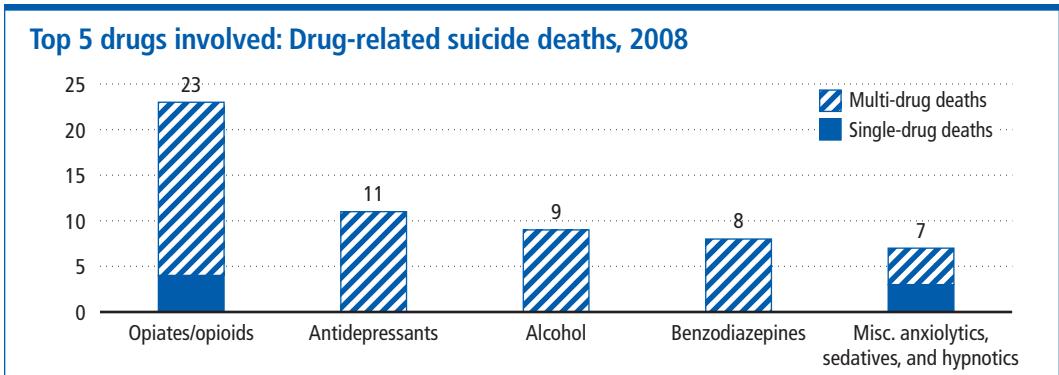
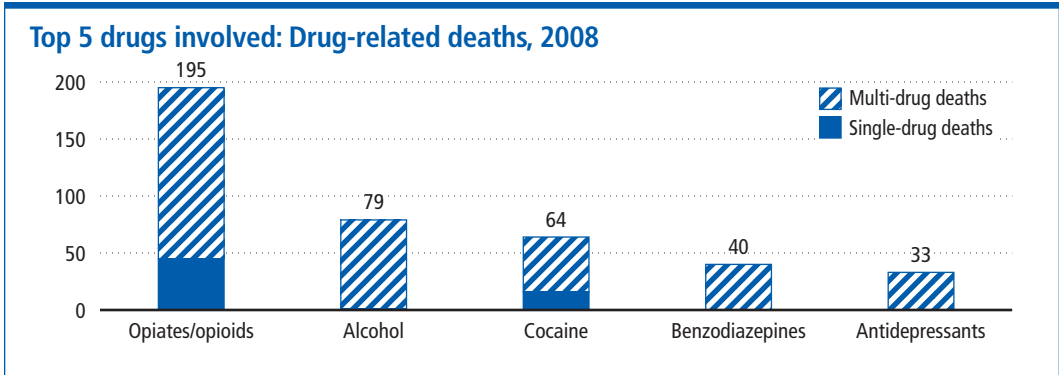
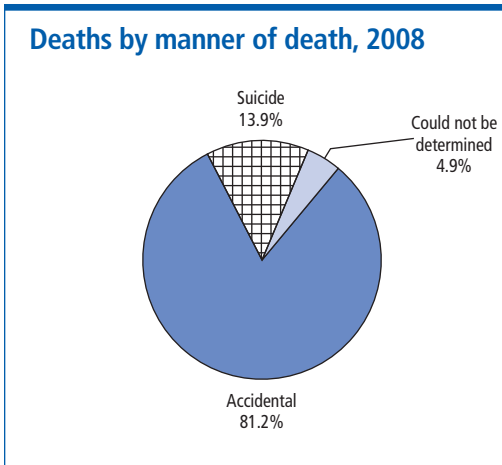
**Metro area population, 2008**..... 845,913

**Population covered by DAWN**..... 845,913

**Percent of population covered by DAWN**..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (4)</b>	<b>229</b>	<b>27.1</b>	<b>37</b>	<b>4.4</b>	<b>845,913</b>
1. Bernalillo County, NM	201	31.6	31	4.9	635,139
2. Sandoval County, NM	12	9.8	3	2.5	122,298
3. Torrance County, NM	4	24.6	2	12.3	16,269
4. Valencia County, NM	12	16.6	1	1.4	72,207

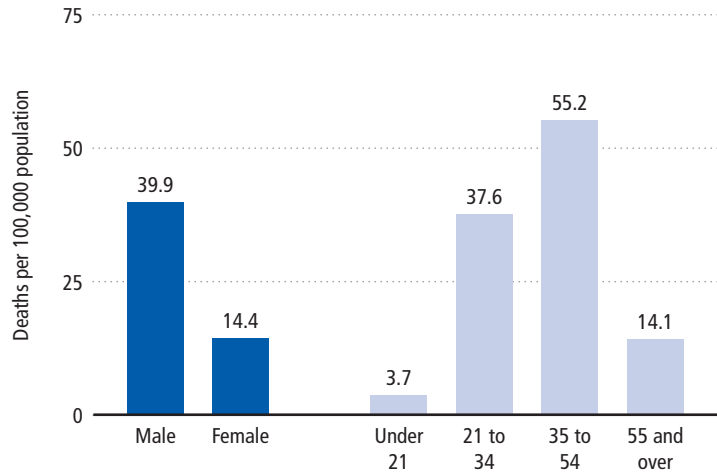


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

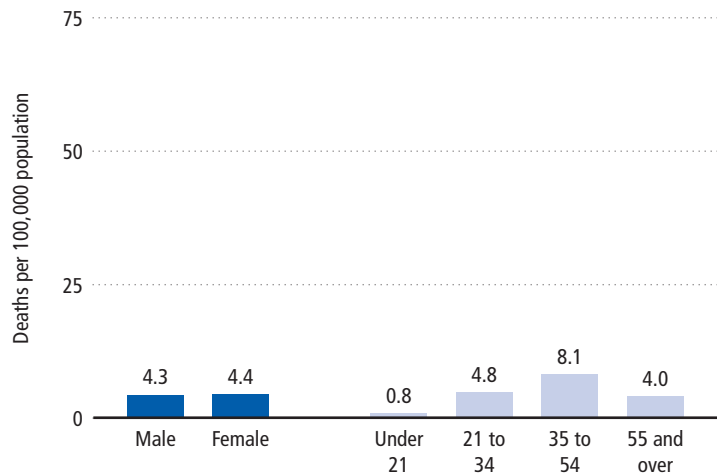
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Albuquerque, NM

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	36	Health care facility	10
Home	133	Home	25
Public place	19	Public place	--
Other	41	Other	--
Not documented	0	Not documented	0

**Drug-related deaths by drug category, 2007-2008**

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>215</b>	<b>229</b>	<b>69</b>	<b>31</b>	<b>37</b>	<b>12</b>
Alcohol*	78	79	--	7	9	0
Cocaine	68	64	16	--	--	0
Marijuana	10	--	0	0	0	0
Stimulants	24	15	6	--	0	0
Club drugs†	--	0	0	0	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	--	0	0	0	0	0
Antidepressants	34	33	0	19	11	0
Antipsychotics	7	7	0	5	5	--
Benzodiazepines	48	40	0	12	8	0
Misc. anxiolytics, sedatives, and hypnotics	25	12	0	6	7	--
Opiates/opioids	174	195	45	14	23	4
Heroin (specified)	27	49	15	--	--	--
Methadone	33	34	7	0	6	--
All other opiates/opioids	136	132	23	13	18	--
Nonsteroidal anti-inflammatory agents	--	0	0	0	0	0
Salicylates/combinations	0	0	0	--	0	0
Misc. analgesics/combinations	21	7	0	5	7	0
Anticonvulsants	--	--	0	--	--	0
Muscle relaxants	16	14	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.

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, 2008 (08/2009 update).

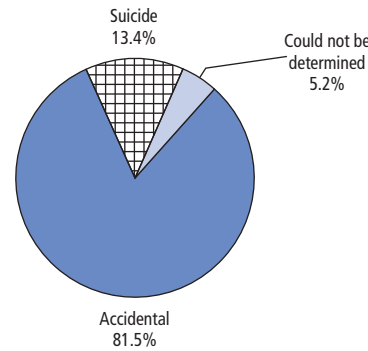
# Albuquerque, NM: Bernalillo County, NM



## Bernalillo County, NM: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	201
Drug-related suicide.....	31
<b>Population .....</b>	<b>635,139</b>
<b>Deaths per 100,000 population</b>	
Drug-related.....	31.6
Drug-related suicide.....	4.9

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>	<b>Deaths</b>
Health care facility	34
Home	112
Public place	17
Other	38
Not documented	0
<b>Drug-related suicide</b>	<b>Deaths</b>
Health care facility	10
Home	19
Public place	--
Other	--
Not documented	0

## Drug-related deaths by drug category, 2007-2008

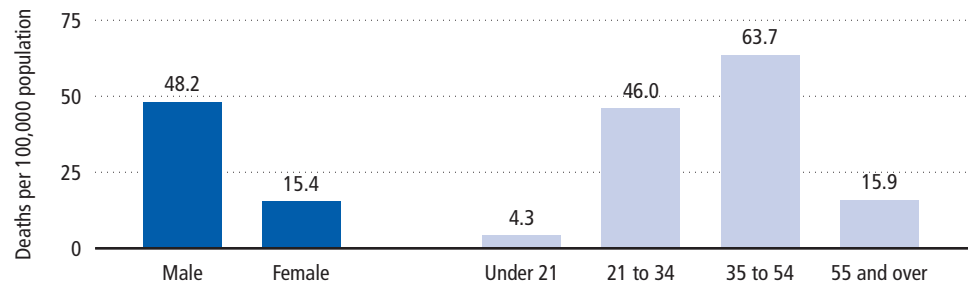
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>188</b>	<b>201</b>	<b>59</b>	<b>27</b>	<b>31</b>	<b>10</b>
Alcohol*	66	72	0	6	7	0
Cocaine	64	59	14	--	--	0
Marijuana	8	--	0	0	0	0
Stimulants	20	14	5	--	0	0
Club drugs†	--	0	0	0	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	0	0	0	0	0	0
Antidepressants	32	26	0	18	9	0
Antipsychotics	7	5	0	5	4	--
Benzodiazepines	40	33	0	11	6	0
Misc. anxiolytics, sedatives, and hypnotics	21	9	0	5	7	--
Opiates/opioids	151	172	39	10	20	4
Heroin (specified)	27	46	14	--	--	--
Methadone	29	32	7	0	6	--
All other opiates/opioids	116	113	18	9	15	--
Nonsteroidal anti-inflammatory agents	--	0	0	0	0	0
Salicylates/combinations	0	0	0	--	0	0
Misc. analgesics/combinations	20	4	0	--	--	0
Anticonvulsants	--	--	0	--	--	0
Muscle relaxants	12	13	0	0	--	--

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

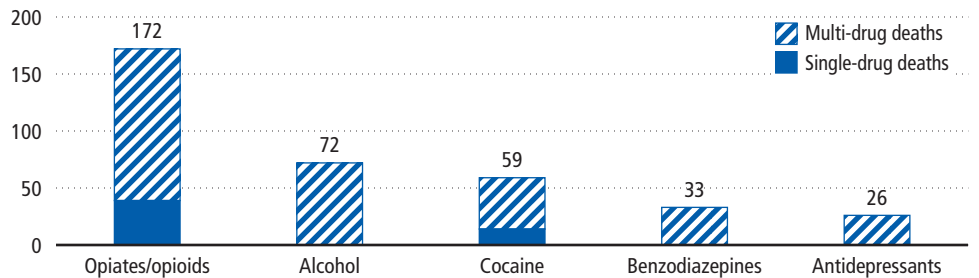
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



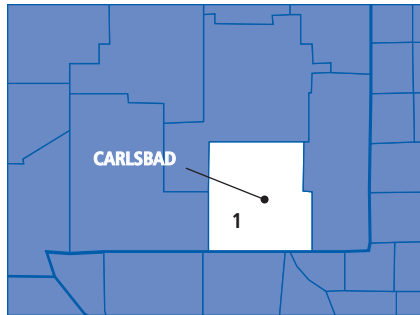
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

# Carlsbad-Artesia, NM



**Deaths reported to DAWN**  
 Drug-related.....13  
 Drug-related suicide.....0

**Metro area population, 2008** ..... 51,360

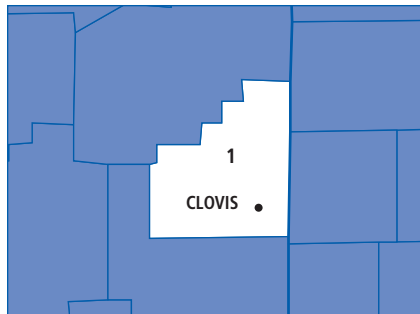
**Population covered by DAWN** ..... 51,360

**Percent of population covered by DAWN** ..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>13</b>	<b>25.3</b>	<b>0</b>	<b>0.0</b>	<b>51,360</b>
1. Eddy County, NM	13	25.3	0	0.0	51,360

# Clovis, NM



**Deaths reported to DAWN**  
 Drug-related.....5  
 Drug-related suicide.....0

**Metro area population, 2008** ..... 43,755

**Population covered by DAWN** ..... 43,755

**Percent of population covered by DAWN** ..... 100%

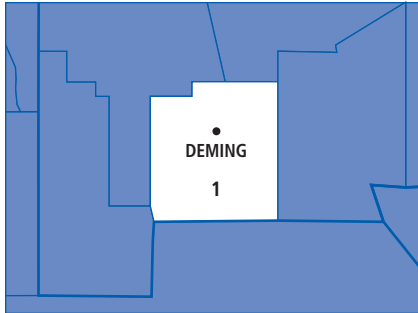
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>5</b>	<b>11.4</b>	<b>0</b>	<b>0.0</b>	<b>43,755</b>
1. Curry County, NM	5	11.4	0	0.0	43,755

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, 2008 (08/2009 update).

## Deming, NM



Deaths reported to DAWN  
 Drug-related.....0  
 Drug-related suicide.....1

Metro area  
 population, 2008 ..... 27,227

Population  
 covered by DAWN ..... 27,227

Percent of population  
 covered by DAWN ..... 100%

### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	0	0.0	1	3.7	27,227
1. Luna County, NM	0	0.0	1	3.7	27,227

## Española, NM



Deaths reported to DAWN  
 Drug-related.....25  
 Drug-related suicide.....1

Metro area  
 population, 2008 ..... 40,692

Population  
 covered by DAWN ..... 40,692

Percent of population  
 covered by DAWN ..... 100%

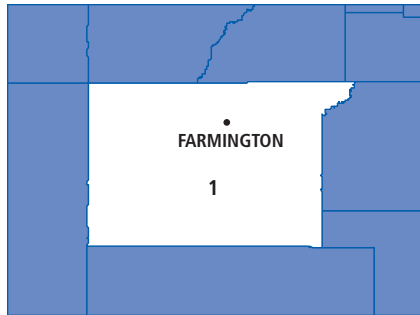
### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	25	61.4	1	2.5	40,692
1. Rio Arriba County, NM	25	61.4	1	2.5	40,692

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, 2008 (08/2009 update).

# Farmington, NM



**Deaths reported to DAWN**  
 Drug-related.....14  
 Drug-related suicide.....3

**Metro area population, 2008**..... 122,500

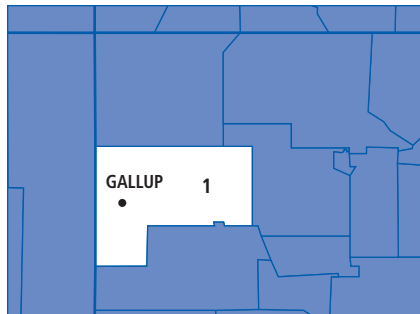
**Population covered by DAWN**..... 122,500

**Percent of population covered by DAWN**..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>14</b>	<b>11.4</b>	<b>3</b>	<b>2.4</b>	<b>122,500</b>
1. San Juan County, NM	14	11.4	3	2.4	122,500

# Gallup, NM



**Deaths reported to DAWN**  
 Drug-related.....10  
 Drug-related suicide.....2

**Metro area population, 2008**..... 70,724

**Population covered by DAWN**..... 70,724

**Percent of population covered by DAWN**..... 100%

## Metro area overview: Deaths and population by county, 2008

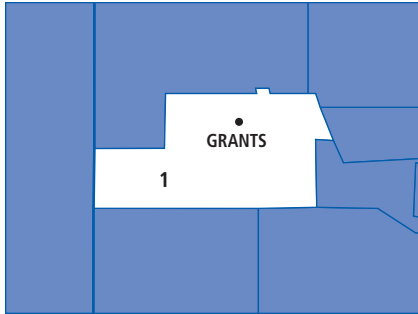
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>10</b>	<b>14.1</b>	<b>2</b>	<b>2.8</b>	<b>70,724</b>
1. McKinley County, NM	10	14.1	2	2.8	70,724

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, 2008 (08/2009 update).



# Grants, NM



**Deaths reported to DAWN**  
 Drug-related.....5  
 Drug-related suicide.....0

**Metro area population, 2008** ..... 27,285

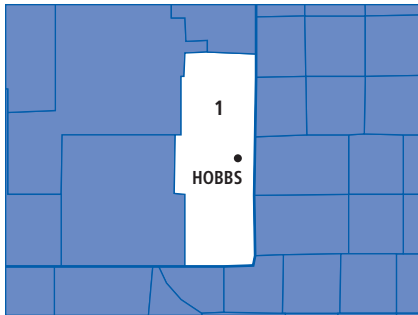
**Population covered by DAWN** ..... 27,285

**Percent of population covered by DAWN** ..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>5</b>	<b>18.3</b>	<b>0</b>	<b>0.0</b>	<b>27,285</b>
1. Cibola County, NM	5	18.3	0	0.0	27,285

# Hobbs, NM



**Deaths reported to DAWN**  
 Drug-related.....14  
 Drug-related suicide.....0

**Metro area population, 2008** ..... 59,155

**Population covered by DAWN** ..... 59,155

**Percent of population covered by DAWN** ..... 100%

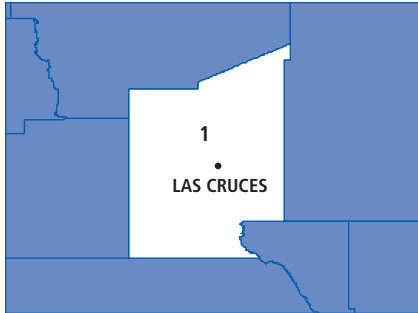
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>14</b>	<b>23.7</b>	<b>0</b>	<b>0.0</b>	<b>59,155</b>
1. Lea County, NM	14	23.7	0	0.0	59,155

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, 2008 (08/2009 update).

# Las Cruces, NM



**Deaths reported to DAWN**  
 Drug-related.....27  
 Drug-related suicide.....6

**Metro area population, 2008**..... 201,603

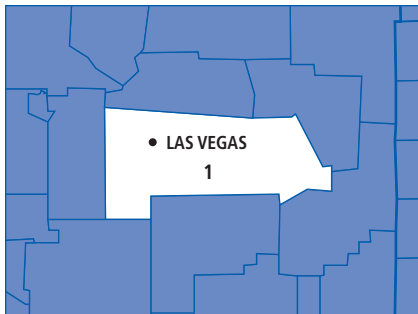
**Population covered by DAWN**..... 201,603

**Percent of population covered by DAWN**..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>27</b>	<b>13.4</b>	<b>6</b>	<b>3.0</b>	<b>201,603</b>
1. Doña Ana County, NM	27	13.4	6	3.0	201,603

# Las Vegas, NM



**Deaths reported to DAWN**  
 Drug-related.....10  
 Drug-related suicide.....0

**Metro area population, 2008**..... 28,558

**Population covered by DAWN**..... 28,558

**Percent of population covered by DAWN**..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>10</b>	<b>35.0</b>	<b>0</b>	<b>0.0</b>	<b>28,558</b>
1. San Miguel County, NM	10	35.0	0	0.0	28,558

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, 2008 (08/2009 update).

# Los Alamos, NM



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

**Metro area population, 2008** ..... 18,150

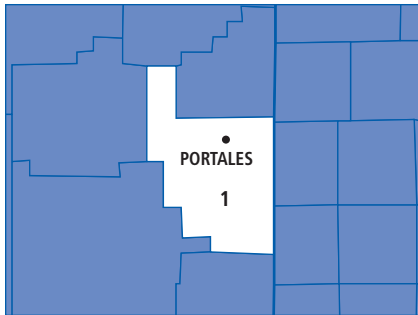
**Population covered by DAWN** ..... 18,150

**Percent of population covered by DAWN** ..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>2</b>	<b>11.0</b>	<b>1</b>	<b>5.5</b>	<b>18,150</b>
1. Los Alamos County, NM	2	11.0	1	5.5	18,150

# Portales, NM



**Deaths reported to DAWN**  
 Drug-related.....0  
 Drug-related suicide.....1

**Metro area population, 2008** ..... 18,889

**Population covered by DAWN** ..... 18,889

**Percent of population covered by DAWN** ..... 100%

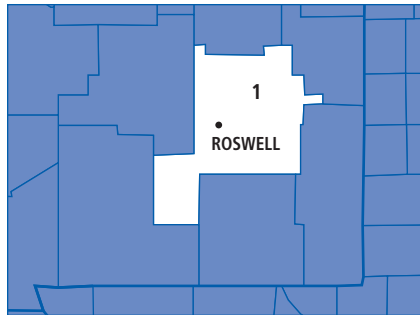
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>0</b>	<b>0.0</b>	<b>1</b>	<b>5.3</b>	<b>18,889</b>
1. Roosevelt County, NM	0	0.0	1	5.3	18,889

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, 2008 (08/2009 update).

# Roswell, NM



**Deaths reported to DAWN**  
 Drug-related.....11  
 Drug-related suicide.....1

**Metro area population, 2008**..... 63,060

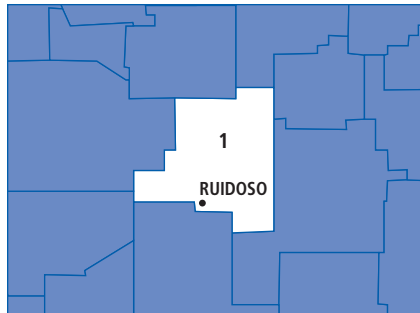
**Population covered by DAWN**..... 63,060

**Percent of population covered by DAWN**..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>11</b>	<b>17.4</b>	<b>1</b>	<b>1.6</b>	<b>63,060</b>
1. Chaves County, NM	11	17.4	1	1.6	63,060

# Ruidoso, NM



**Deaths reported to DAWN**  
 Drug-related.....1  
 Drug-related suicide.....1

**Metro area population, 2008**..... 20,793

**Population covered by DAWN**..... 20,793

**Percent of population covered by DAWN**..... 100%

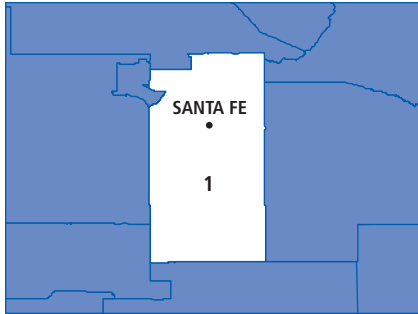
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>1</b>	<b>4.8</b>	<b>1</b>	<b>4.8</b>	<b>20,793</b>
1. Lincoln County, NM	1	4.8	1	4.8	20,793

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, 2008 (08/2009 update).

# Santa Fe, NM



**Deaths reported to DAWN**  
 Drug-related.....27  
 Drug-related suicide.....12

**Metro area population, 2008** ..... 143,937

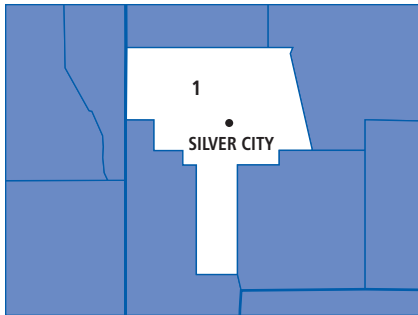
**Population covered by DAWN** ..... 143,937

**Percent of population covered by DAWN** ..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>27</b>	<b>18.8</b>	<b>12</b>	<b>8.3</b>	<b>143,937</b>
1. Santa Fe County, NM	27	18.8	12	8.3	143,937

# Silver City, NM



**Deaths reported to DAWN**  
 Drug-related.....9  
 Drug-related suicide.....5

**Metro area population, 2008** ..... 29,844

**Population covered by DAWN** ..... 29,844

**Percent of population covered by DAWN** ..... 100%

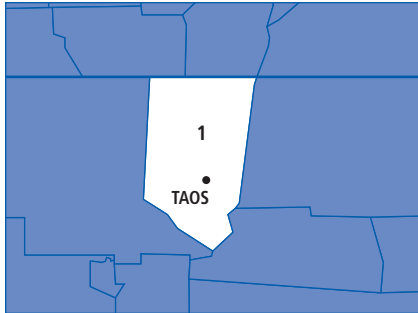
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>9</b>	<b>30.2</b>	<b>5</b>	<b>16.8</b>	<b>29,844</b>
1. Grant County, NM	9	30.2	5	16.8	29,844

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, 2008 (08/2009 update).

# Taos, NM



<b>Deaths reported to DAWN</b>	
Drug-related.....	9
Drug-related suicide.....	1
<b>Metro area population, 2008.....</b>	
	31,546
<b>Population covered by DAWN.....</b>	
	31,546
<b>Percent of population covered by DAWN.....</b>	
	100%

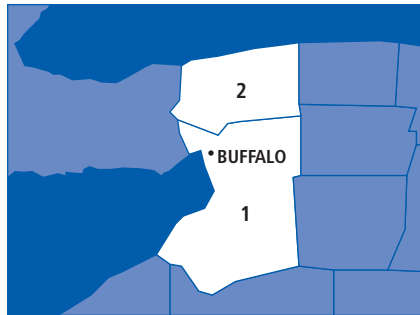
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>9</b>	<b>28.5</b>	<b>1</b>	<b>3.2</b>	<b>31,546</b>
1. Taos County, NM	9	28.5	1	3.2	31,546

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, 2008 (08/2009 update).

# Buffalo-Niagara Falls, NY



Deaths reported to DAWN  
 Drug-related.....113  
 Drug-related suicide.....13

Metro area  
 population, 2008..... 1,124,309

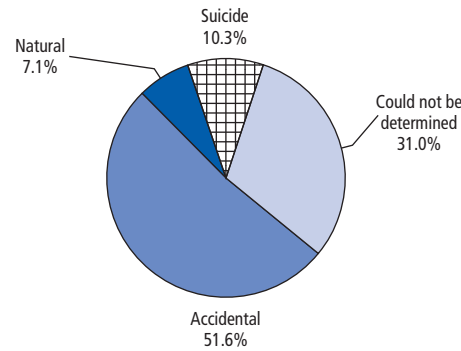
Population  
 covered by DAWN..... 1,124,309

Percent of population  
 covered by DAWN..... 100%

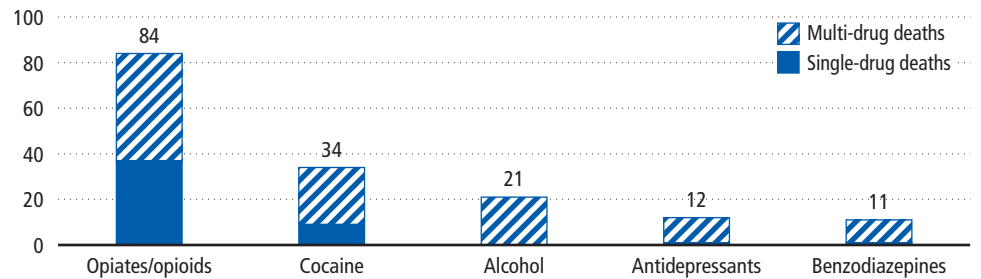
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (2)</b>	<b>113</b>	<b>10.1</b>	<b>13</b>	<b>1.2</b>	<b>1,124,309</b>
1. Erie County, NY	90	9.9	9	1.0	909,845
2. Niagara County, NY	23	10.7	4	1.9	214,464

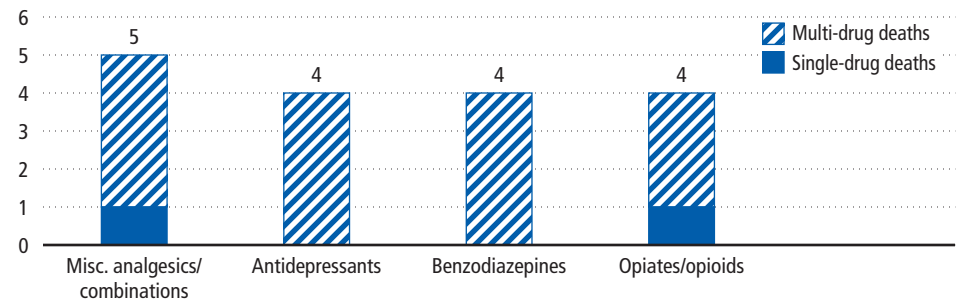
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

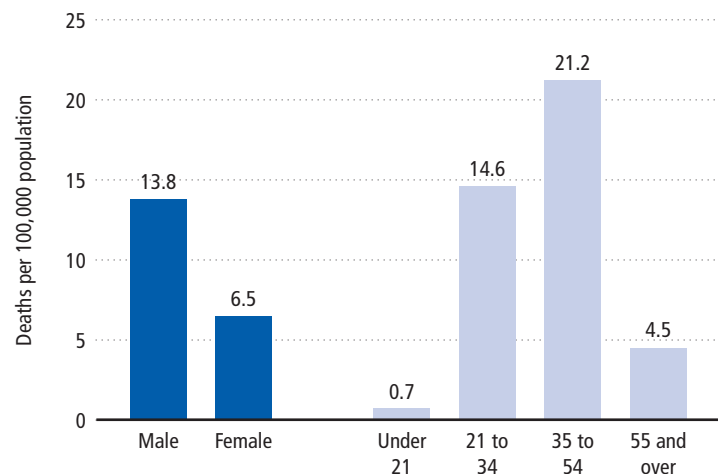


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

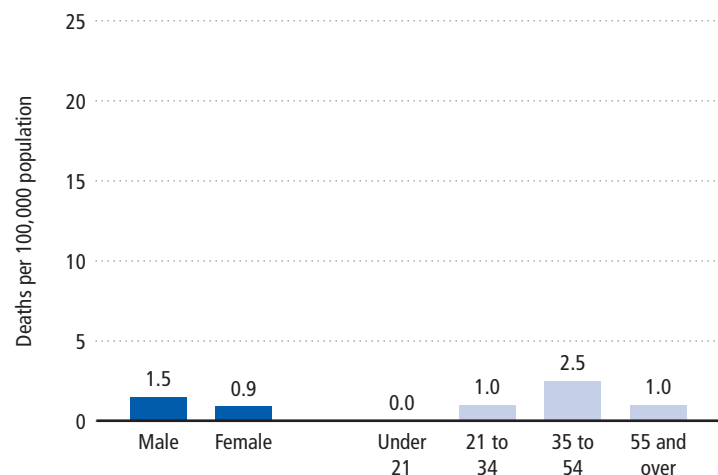
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Buffalo-Niagara Falls, NY

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	32	Health care facility	--
Home	72	Home	10
Public place	--	Public place	0
Other	7	Other	0
Not documented	0	Not documented	0

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>88</b>	<b>113</b>	<b>53</b>	<b>11</b>	<b>13</b>	<b>--</b>
Alcohol*	26	21	0	6	--	--
Cocaine	35	34	9	--	--	--
Marijuana	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	--
Antidepressants	17	12	--	7	4	--
Antipsychotics	--	7	0	--	--	--
Benzodiazepines	19	11	--	--	4	--
Misc. anxiolytics, sedatives, and hypnotics	8	6	0	--	--	--
Opiates/opioids	70	84	37	5	4	--
Heroin (specified)	13	13	7	0	0	--
Methadone	10	21	10	--	0	--
All other opiates/opioids	53	56	20	4	4	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	--	0	0	--	0	--
Misc. analgesics/combinations	5	--	0	--	5	--
Anticonvulsants	--	--	0	0	--	--
Muscle relaxants	5	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.

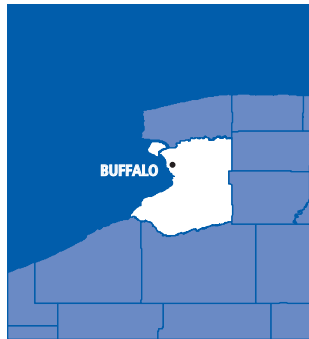
†† Includes PCP, LSD, and miscellaneous hallucinogens.

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, 2008 (08/2009 update).



# Buffalo-Niagara Falls, NY: Erie County, NY



## Erie County, NY: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	90
Drug-related suicide.....	9
<b>Population</b> .....	909,845
<b>Deaths per 100,000 population</b>	
Drug-related.....	9.9
Drug-related suicide.....	1.0

## Drug-related deaths by drug category, 2007-2008

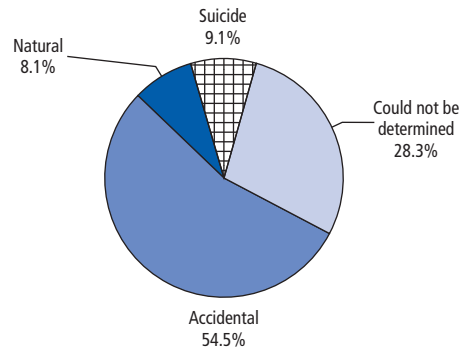
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>70</b>	<b>90</b>	<b>40</b>	<b>7</b>	<b>9</b>	<b>--</b>
Alcohol*	22	18	0	--	--	--
Cocaine	27	27	7	--	--	--
Marijuana	8	--	0	0	0	--
Stimulants	0	0	0	0	0	--
Club drugs†	0	0	0	0	0	--
Hallucinogens††	0	0	0	0	0	--
Inhalants	0	--	--	0	0	--
Antidepressants	15	10	--	5	--	--
Antipsychotics	--	7	0	--	--	--
Benzodiazepines	13	10	--	--	--	--
Misc. anxiolytics, sedatives, and hypnotics	7	5	0	0	--	--
Opiates/opioids	55	66	27	--	--	--
Heroin (specified)	13	12	6	0	0	--
Methadone	9	19	9	--	0	--
All other opiates/opioids	39	41	12	--	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	--	0	0	--	0	--
Misc. analgesics/combinations	4	--	0	--	4	--
Anticonvulsants	--	--	0	0	--	--
Muscle relaxants	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.

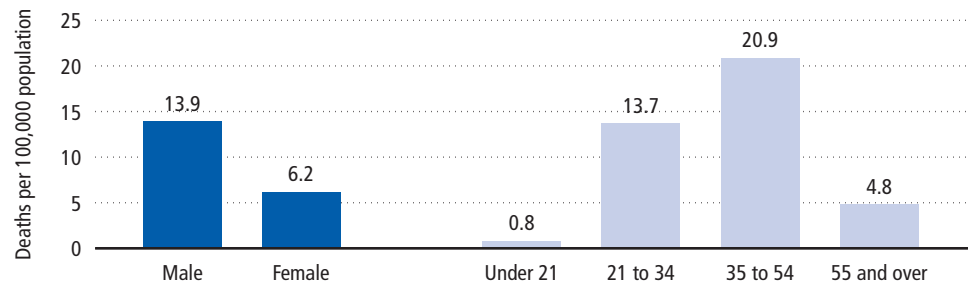
## Deaths by manner of death, 2008



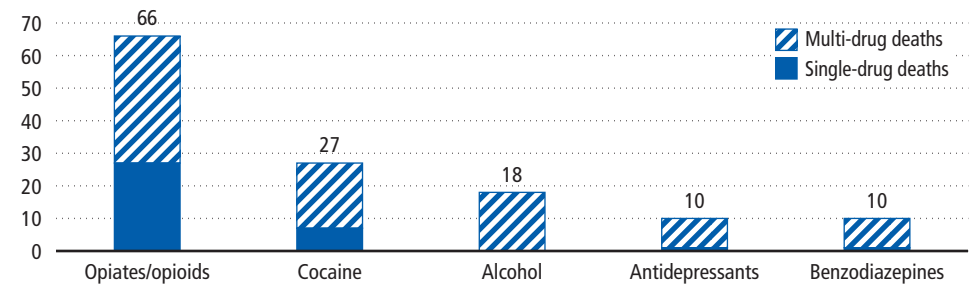
## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility		23
Home		58
Public place		--
Other		7
Not documented		0
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility		--
Home		6
Public place		0
Other		0
Not documented		0

## Death rates by gender and age: Drug-related, 2008



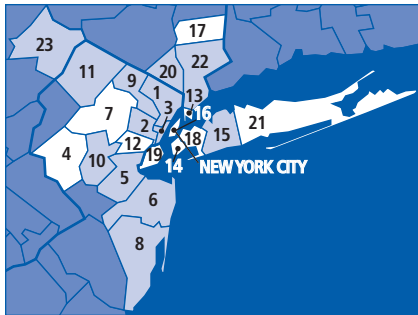
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

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



Deaths reported to DAWN  
 Drug-related.....1,116  
 Drug-related suicide.....121

Metro area  
 population, 2008..... 19,006,798

Population  
 covered by DAWN..... 11,115,006

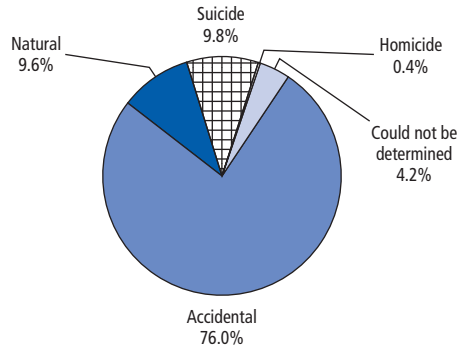
Percent of population  
 covered by DAWN..... 58%

## Metro area overview: Deaths and population by county, 2008

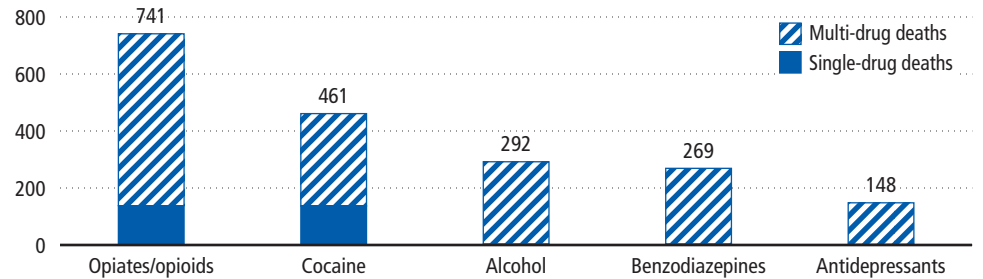
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (10)</b>	<b>1,116</b>	<b>10.0</b>	<b>121</b>	<b>1.1</b>	<b>11,115,006</b>
1. Bergen County, NJ					894,840
2. Essex County, NJ					770,675
3. Hudson County, NJ					595,419
4. Hunterdon County, NJ	13	10.1	4	3.1	129,031
5. Middlesex County, NJ					789,102
6. Monmouth County, NJ					642,448
7. Morris County, NJ	43	8.8	9	1.8	487,548
8. Ocean County, NJ					569,111
9. Passaic County, NJ					490,948
10. Somerset County, NJ					324,563
11. Sussex County, NJ					150,909
12. Union County, NJ	48	9.2	8	1.5	523,249
13. Bronx County, NY	189	13.6	7	0.5	1,391,903
14. Kings County, NY	232	9.1	15	0.6	2,556,598
15. Nassau County, NY					1,351,625
16. New York County, NY	154	9.4	28	1.7	1,634,795
17. Putnam County, NY	13	13.1	2	2.0	99,244
18. Queens County, NY	171	7.5	19	0.8	2,293,007
19. Richmond County, NY	65	13.3	2	0.4	487,407
20. Rockland County, NY					298,545
21. Suffolk County, NY	188	12.4	27	1.8	1,512,224
22. Westchester County, NY					953,943
23. Pike County, PA					59,664

Shaded areas did not participate in DAWN this year.

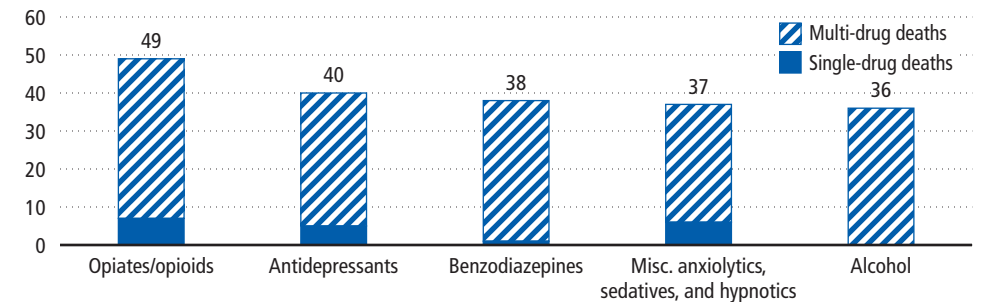
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

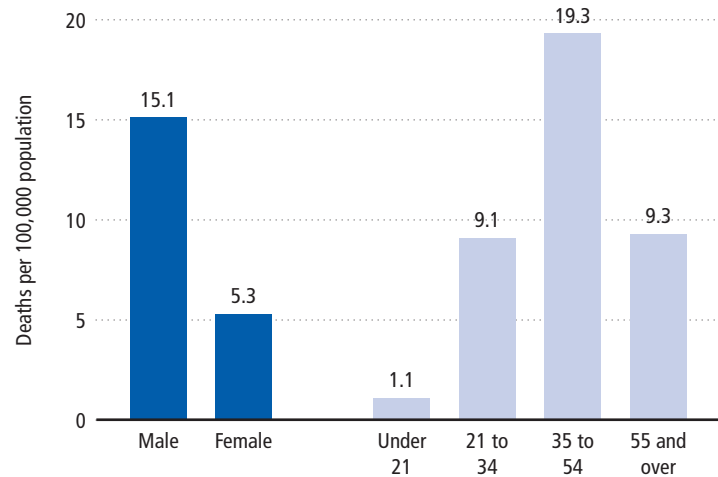


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

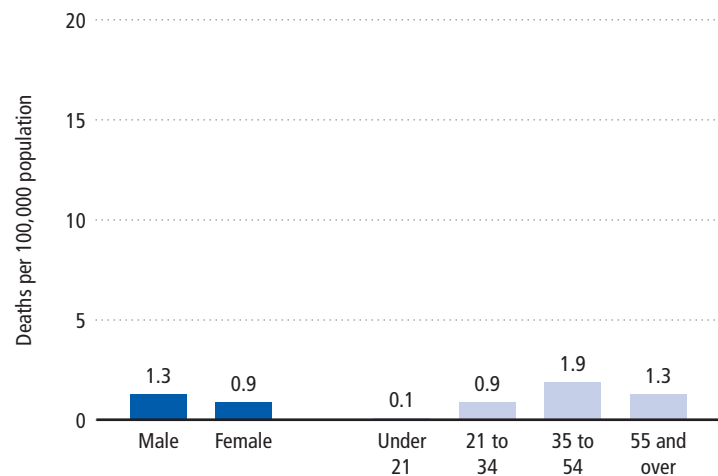
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

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

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	362	Health care facility	23
Home	603	Home	82
Public place	48	Public place	8
Other	102	Other	7
Not documented	--	Not documented	--

**Drug-related deaths by drug category, 2007-2008**

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>		<b>1,116</b>	<b>365</b>		<b>121</b>	<b>35</b>
Alcohol*	292	--	--	36	0	0
Cocaine	461	137	--	13	--	--
Marijuana	23	0	--	--	0	0
Stimulants	17	5	--	--	0	0
Club drugs†	6	--	--	0	0	0
Hallucinogens††	11	4	--	0	0	0
Inhalants	--	--	--	5	5	5
Antidepressants	148	--	--	40	5	5
Antipsychotics	54	4	--	22	--	--
Benzodiazepines	269	--	--	38	--	--
Misc. anxiolytics, sedatives, and hypnotics	92	--	--	37	6	6
Opiates/opioids	741	138	--	49	7	7
Heroin (specified)	223	45	--	4	--	--
Methadone	235	35	--	6	0	0
All other opiates/opioids	434	58	--	43	6	6
Nonsteroidal anti-inflammatory agents	--	--	--	0	0	0
Salicylates/combinations	7	--	--	--	--	--
Misc. analgesics/combinations	39	0	--	20	--	--
Anticonvulsants	13	--	--	7	--	--
Muscle relaxants	25	0	--	7	--	--

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

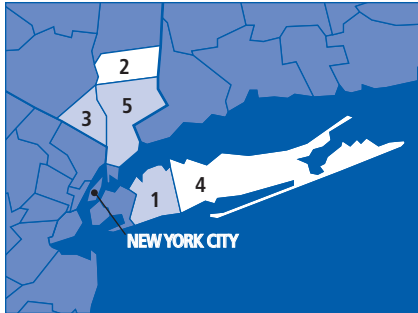
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

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, 2008 (08/2009 update).

# NY Suburban, NY



<b>Deaths reported to DAWN</b>	
Drug-related.....	201
Drug-related suicide.....	29
<b>Metro area population, 2008.....</b>	
	4,215,581
<b>Population covered by DAWN.....</b>	
	1,611,468
<b>Percent of population covered by DAWN.....</b>	
	38%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (2)</b>	<b>201</b>	<b>12.5</b>	<b>29</b>	<b>1.8</b>	<b>1,611,468</b>
1. Nassau County, NY					1,351,625
2. Putnam County, NY	13	13.1	2	2.0	99,244
3. Rockland County, NY					298,545
4. Suffolk County, NY	188	12.4	27	1.8	1,512,224
5. Westchester County, NY					953,943

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, 2008 (08/2009 update).

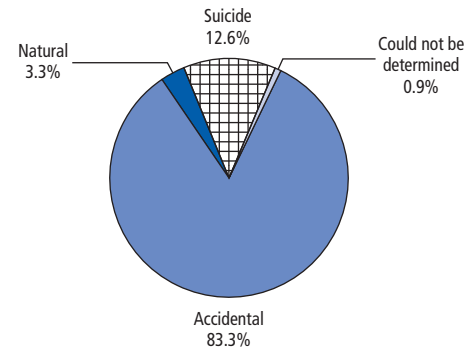
# New York-Northern New Jersey-Long Island, NY-NJ-PA: Suffolk County, NY



## Suffolk County, NY: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	188
Drug-related suicide.....	27
<b>Population .....</b>	<b>1,512,224</b>
<b>Deaths per 100,000 population</b>	
Drug-related.....	12.4
Drug-related suicide.....	1.8

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility		58
Home		108
Public place		--
Other		19
Not documented		0
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility		--
Home		17
Public place		4
Other		--
Not documented		0

## Drug-related deaths by drug category, 2007-2008

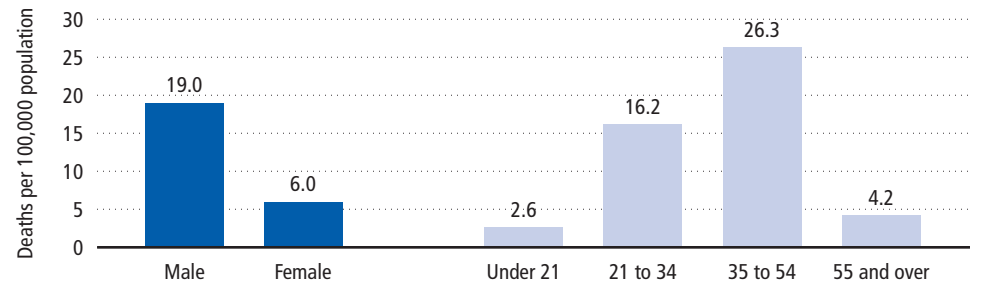
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>183</b>	<b>188</b>	<b>67</b>	<b>23</b>	<b>27</b>	<b>11</b>
Alcohol*	39	49	0	--	7	0
Cocaine	67	68	13	--	0	0
Marijuana	--	--	0	0	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	0
Antidepressants	13	12	--	--	5	--
Antipsychotics	--	5	0	--	--	0
Benzodiazepines	42	43	--	6	8	0
Misc. anxiolytics, sedatives, and hypnotics	12	7	0	8	6	--
Opiates/opioids	145	155	51	13	15	4
Heroin (specified)	35	45	17	0	0	0
Methadone	38	36	16	0	--	0
All other opiates/opioids	89	81	18	13	14	4
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	0	0	0	0	0
Misc. analgesics/combinations	12	6	0	5	5	--
Anticonvulsants	--	--	0	0	0	0
Muscle relaxants	13	6	0	4	--	--

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

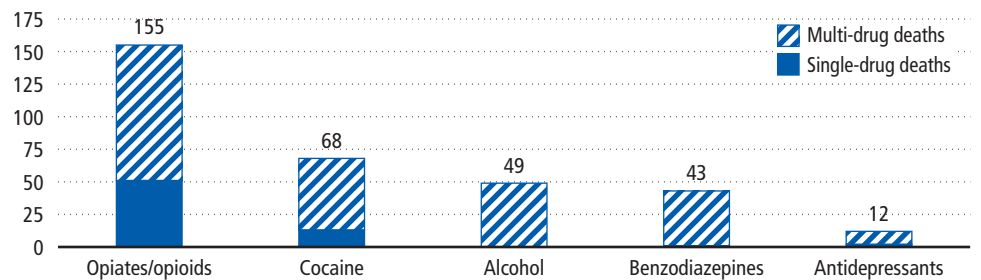
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



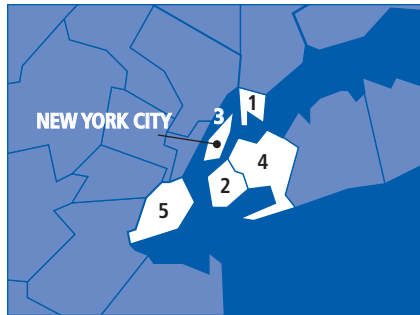
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

# NYC 5 Boroughs, NY



**Deaths reported to DAWN**  
 Drug-related.....811  
 Drug-related suicide.....71

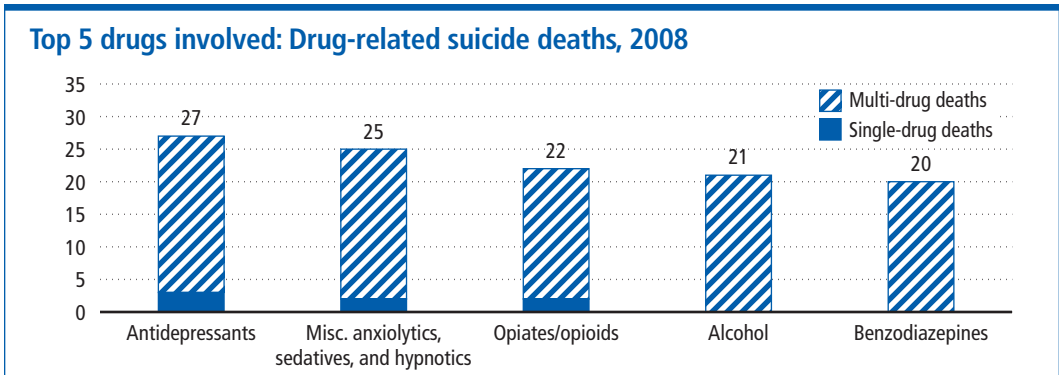
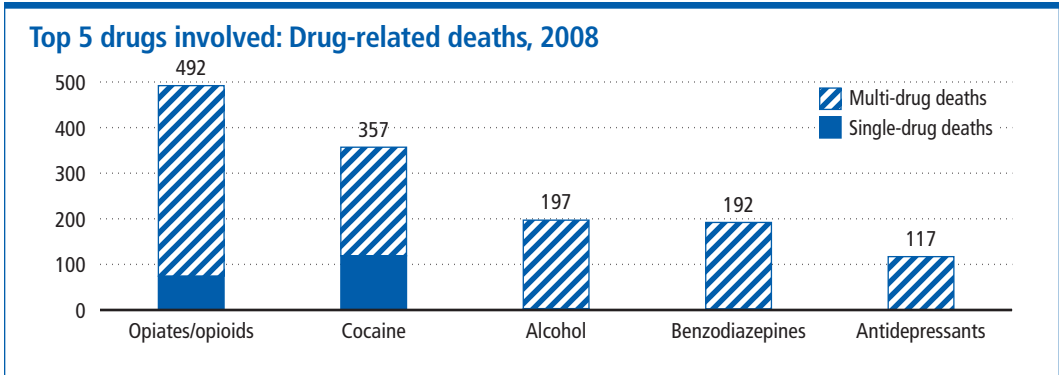
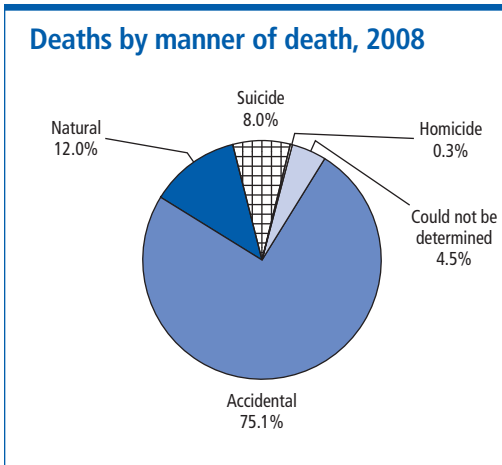
**Metro area population, 2008**..... 8,363,710

**Population covered by DAWN**..... 8,363,710

**Percent of population covered by DAWN**..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (5)</b>	<b>811</b>	<b>9.7</b>	<b>71</b>	<b>0.8</b>	<b>8,363,710</b>
1. Bronx County, NY	189	13.6	7	0.5	1,391,903
2. Kings County, NY	232	9.1	15	0.6	2,556,598
3. New York County, NY	154	9.4	28	1.7	1,634,795
4. Queens County, NY	171	7.5	19	0.8	2,293,007
5. Richmond County, NY	65	13.3	2	0.4	487,407

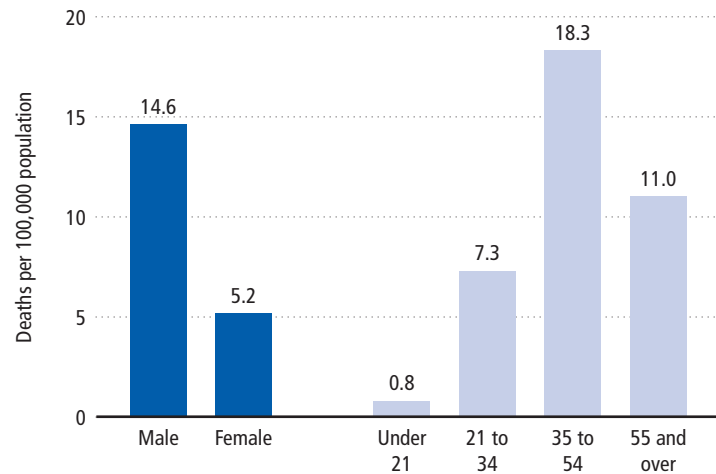


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

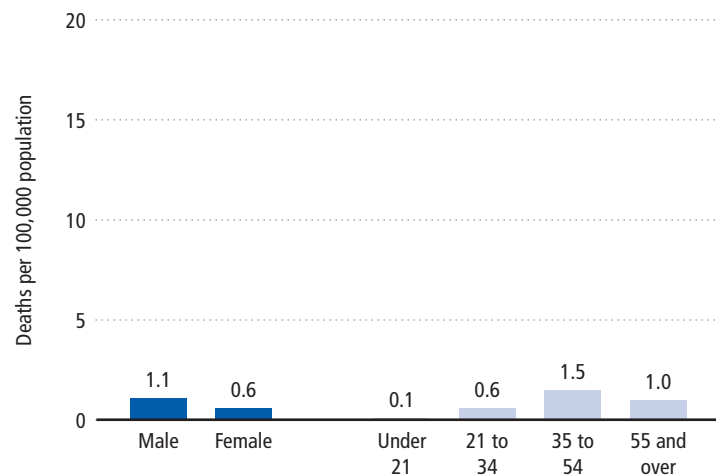
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# NYC 5 Boroughs, NY

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	279	Health care facility	15
Home	428	Home	48
Public place	33	Public place	--
Other	70	Other	4
Not documented	--	Not documented	--

**Drug-related deaths by drug category, 2007-2008**

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>729</b>	<b>811</b>	<b>279</b>	<b>75</b>	<b>71</b>	<b>19</b>
Alcohol*	150	197	--	12	21	0
Cocaine	394	357	119	6	9	--
Marijuana	6	12	0	0	--	0
Stimulants	13	10	5	--	--	0
Club drugs†	6	6	--	0	0	0
Hallucinogens††	13	11	4	--	0	0
Inhalants	4	--	--	4	5	5
Antidepressants	114	117	0	23	27	--
Antipsychotics	52	47	--	9	15	--
Benzodiazepines	146	192	--	21	20	0
Misc. anxiolytics, sedatives, and hypnotics	82	78	--	29	25	--
Opiates/opioids	441	492	74	25	22	--
Heroin (specified)	96	155	24	--	--	--
Methadone	186	186	17	--	4	0
All other opiates/opioids	239	286	33	22	18	--
Nonsteroidal anti-inflammatory agents	0	--	--	0	0	0
Salicylates/combinations	4	6	--	--	--	--
Misc. analgesics/combinations	34	27	0	11	14	--
Anticonvulsants	9	10	--	--	6	--
Muscle relaxants	9	16	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.

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, 2008 (08/2009 update).

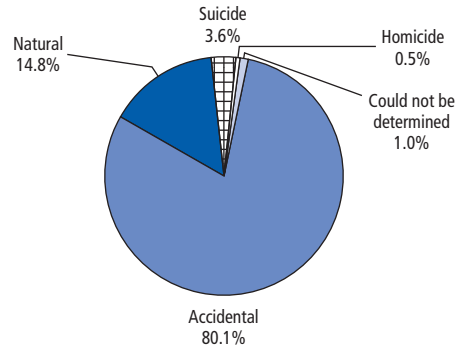
# New York-Northern New Jersey-Long Island, NY-NJ-PA: Bronx County, NY



## Bronx County, NY: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	189
Drug-related suicide.....	7
<b>Population .....</b>	<b>1,391,903</b>
<b>Deaths per 100,000 population</b>	
Drug-related.....	13.6
Drug-related suicide.....	0.5

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility	.....	59
Home	.....	109
Public place	.....	9
Other	.....	12
Not documented	.....	0
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility	.....	--
Home	.....	5
Public place	.....	0
Other	.....	0
Not documented	.....	0

## Drug-related deaths by drug category, 2007-2008

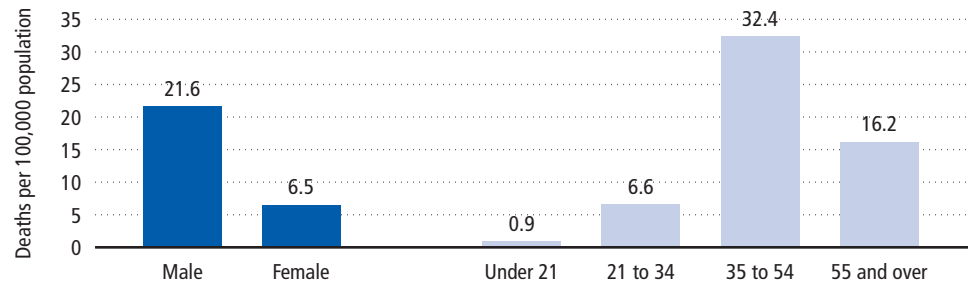
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>191</b>	<b>189</b>	<b>65</b>	<b>11</b>	<b>7</b>	<b>5</b>
Alcohol*	38	45	--	--	0	0
Cocaine	112	84	34	4	0	0
Marijuana	--	5	0	0	0	0
Stimulants	--	0	0	0	0	0
Club drugs†	--	0	0	0	0	0
Hallucinogens††	--	--	0	0	0	0
Inhalants	--	0	0	0	0	0
Antidepressants	28	21	0	--	--	--
Antipsychotics	11	10	0	--	--	0
Benzodiazepines	30	43	0	0	0	0
Misc. anxiolytics, sedatives, and hypnotics	13	17	0	--	--	--
Opiates/opioids	113	118	22	--	--	--
Heroin (specified)	18	46	6	--	--	--
Methadone	54	50	5	0	0	0
All other opiates/opioids	62	60	11	--	0	0
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	0	0	0	0	0
Misc. analgesics/combinations	6	6	0	0	--	0
Anticonvulsants	--	--	0	--	--	--
Muscle relaxants	--	--	0	0	--	0

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

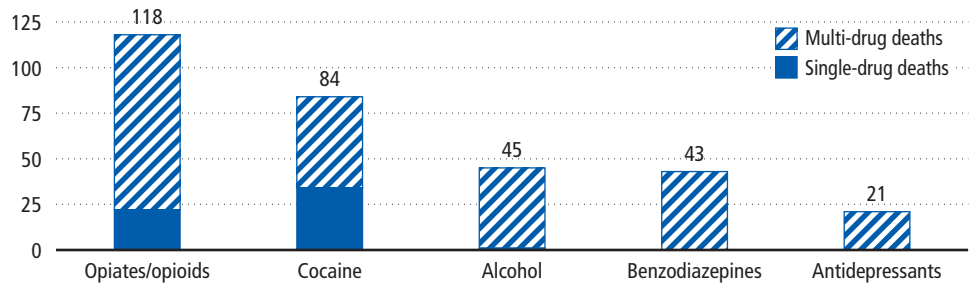
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).



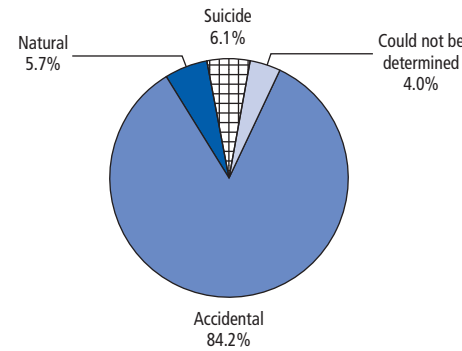
# New York-Northern New Jersey-Long Island, NY-NJ-PA: Kings County, NY



## Kings County, NY: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	232
Drug-related suicide.....	15
<b>Population .....</b>	<b>2,556,598</b>
<b>Deaths per 100,000 population</b>	
Drug-related.....	9.1
Drug-related suicide.....	0.6

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility	.....	74
Home	.....	126
Public place	.....	9
Other	.....	22
Not documented	.....	--
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility	.....	5
Home	.....	7
Public place	.....	--
Other	.....	--
Not documented	.....	0

## Drug-related deaths by drug category, 2007-2008

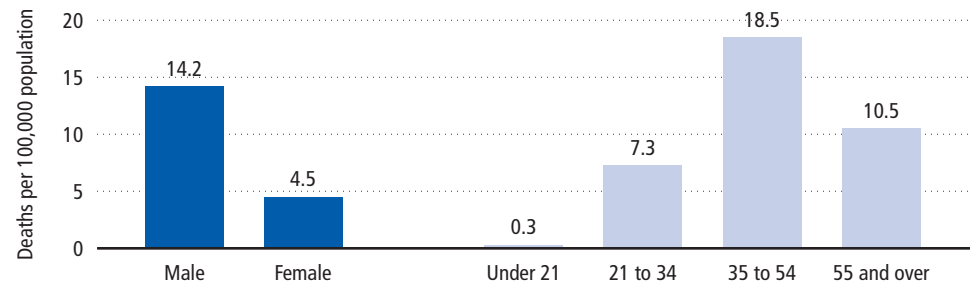
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>195</b>	<b>232</b>	<b>69</b>	<b>15</b>	<b>15</b>	<b>5</b>
Alcohol*	31	65	0	--	5	0
Cocaine	110	126	40	0	0	0
Marijuana	--	--	0	0	--	0
Stimulants	--	4	--	0	0	0
Club drugs†	0	--	0	0	0	0
Hallucinogens††	--	--	0	0	0	0
Inhalants	0	--	--	0	--	--
Antidepressants	41	35	0	5	7	--
Antipsychotics	16	9	0	--	4	--
Benzodiazepines	37	56	0	6	--	0
Misc. anxiolytics, sedatives, and hypnotics	23	18	0	6	--	0
Opiates/opioids	129	147	12	9	4	0
Heroin (specified)	15	27	--	0	0	0
Methadone	57	62	--	--	--	0
All other opiates/opioids	81	97	8	7	--	0
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	--	--	0	0	--	--
Misc. analgesics/combinations	14	12	0	--	--	0
Anticonvulsants	--	--	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.

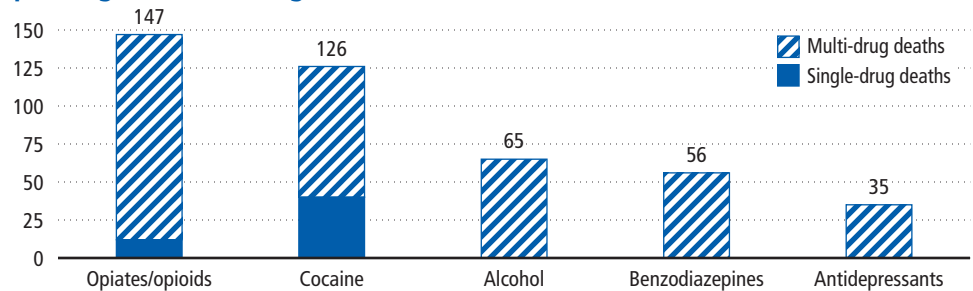
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

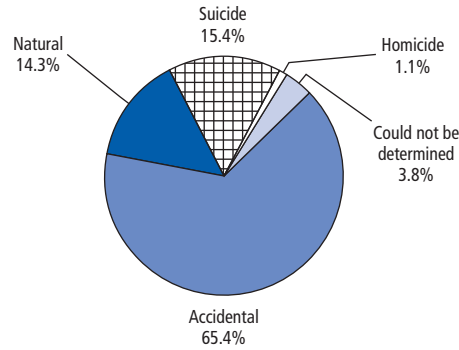
# New York-Northern New Jersey-Long Island, NY-NJ-PA: New York County, NY



## New York County, NY: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	154
Drug-related suicide.....	28
<b>Population</b> .....	1,634,795
<b>Deaths per 100,000 population</b>	
Drug-related.....	9.4
Drug-related suicide.....	1.7

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility	.....	57
Home	.....	72
Public place	.....	7
Other	.....	18
Not documented	.....	0
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility	.....	--
Home	.....	21
Public place	.....	--
Other	.....	--
Not documented	.....	0

## Drug-related deaths by drug category, 2007-2008

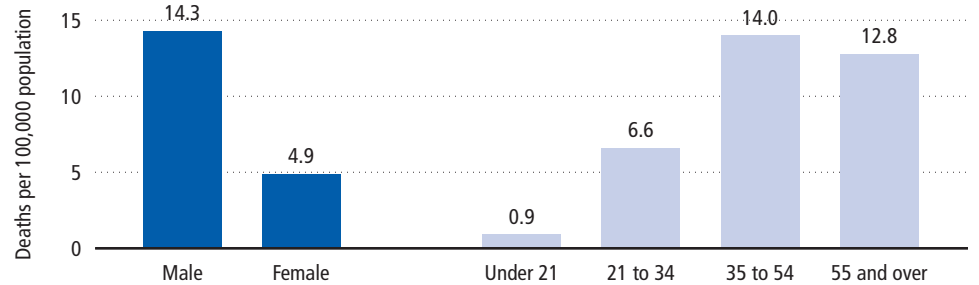
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>160</b>	<b>154</b>	<b>61</b>	<b>28</b>	<b>28</b>	<b>5</b>
Alcohol*	32	40	0	--	11	0
Cocaine	79	61	21	0	7	0
Marijuana	--	--	0	0	0	0
Stimulants	6	5	4	0	--	0
Club drugs†	--	--	--	0	0	0
Hallucinogens††	--	--	--	0	0	0
Inhalants	0	0	0	4	--	--
Antidepressants	12	16	0	8	12	--
Antipsychotics	6	7	--	--	6	0
Benzodiazepines	33	22	0	8	11	0
Misc. anxiolytics, sedatives, and hypnotics	15	9	--	12	11	--
Opiates/opioids	85	90	13	7	10	--
Heroin (specified)	33	32	6	0	--	0
Methadone	33	29	4	0	--	0
All other opiates/opioids	35	46	--	7	9	--
Nonsteroidal anti-inflammatory agents	0	--	--	0	0	0
Salicylates/combinations	--	--	0	0	--	0
Misc. analgesics/combinations	4	--	0	5	5	0
Anticonvulsants	--	0	0	0	--	0
Muscle relaxants	--	--	0	0	--	0

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

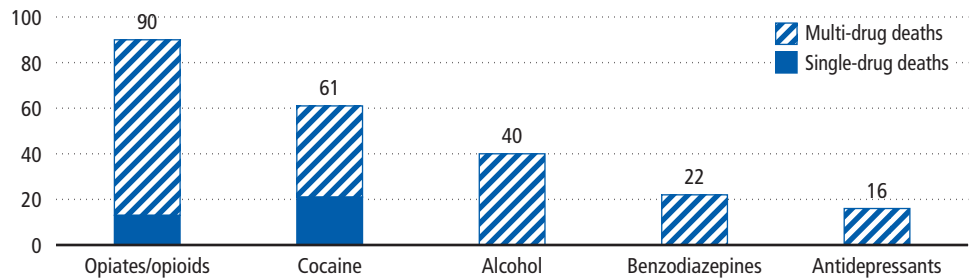
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

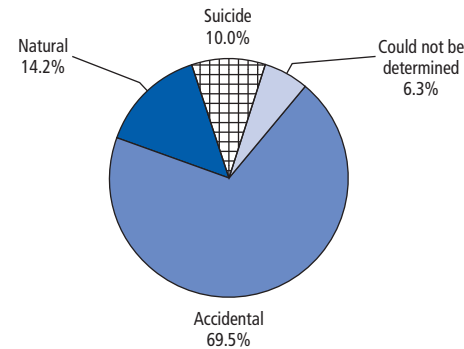
# New York-Northern New Jersey-Long Island, NY-NJ-PA: Queens County, NY



## Queens County, NY: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	171
Drug-related suicide.....	19
<b>Population</b> .....	2,293,007
<b>Deaths per 100,000 population</b>	
Drug-related.....	7.5
Drug-related suicide.....	0.8

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility		64
Home		87
Public place		4
Other		16
Not documented		0
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility		--
Home		15
Public place		0
Other		0
Not documented		--

## Drug-related deaths by drug category, 2007-2008

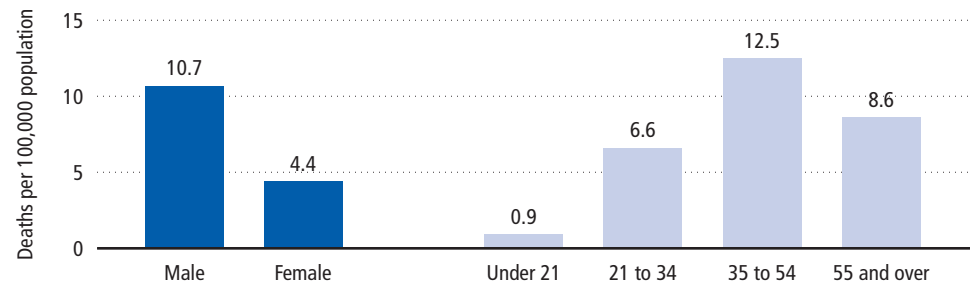
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>140</b>	<b>171</b>	<b>64</b>	<b>19</b>	<b>19</b>	<b>4</b>
Alcohol*	42	36	--	--	4	0
Cocaine	70	64	19	--	--	--
Marijuana	--	--	0	0	0	0
Stimulants	--	0	0	--	0	0
Club drugs†	--	--	0	0	0	0
Hallucinogens††	--	--	--	--	0	0
Inhalants	--	0	0	0	--	--
Antidepressants	22	30	0	7	6	0
Antipsychotics	11	15	--	--	--	0
Benzodiazepines	30	49	--	6	6	0
Misc. anxiolytics, sedatives, and hypnotics	18	21	0	8	8	0
Opiates/opioids	83	99	22	5	6	0
Heroin (specified)	27	37	8	0	--	0
Methadone	27	34	7	0	--	0
All other opiates/opioids	43	53	7	5	5	0
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	--	--	--	--	0	0
Misc. analgesics/combinations	7	5	0	4	5	--
Anticonvulsants	4	--	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.

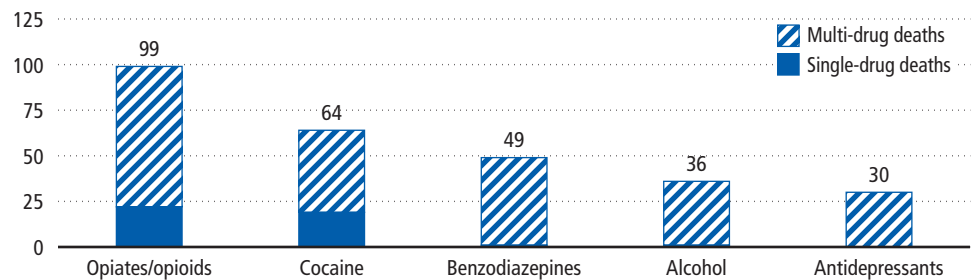
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

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



## Richmond County, NY: Deaths and population, 2008

**Deaths reported to DAWN**

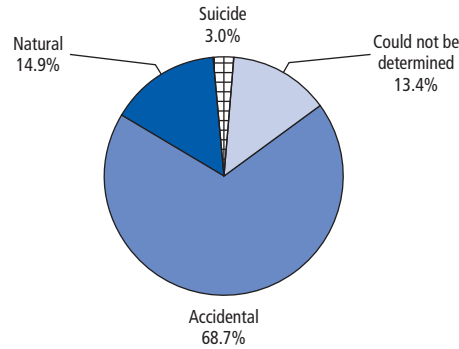
Drug-related.....	65
Drug-related suicide.....	2

**Population** .....487,407

**Deaths per 100,000 population**

Drug-related.....	13.3
Drug-related suicide.....	0.4

## Deaths by manner of death, 2008



## Place of death, 2008

Drug-related	Deaths
Health care facility	25
Home	34
Public place	4
Other	--
Not documented	0

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

## Drug-related deaths by drug category, 2007-2008

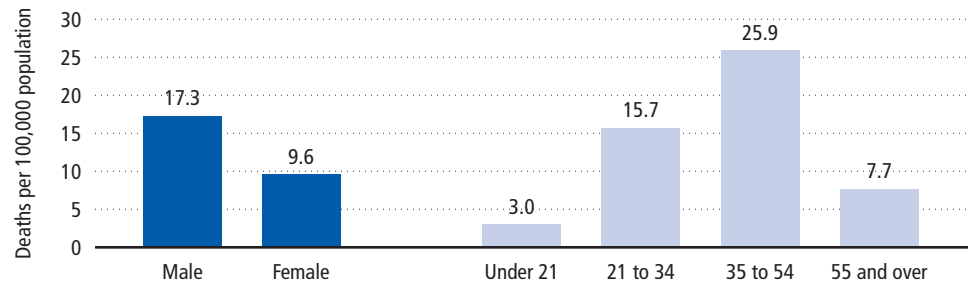
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>43</b>	<b>65</b>	<b>20</b>	--	--	<b>0</b>
Alcohol*	7	11	--	--	--	--
Cocaine	23	22	5	--	--	--
Marijuana	--	--	0	--	--	--
Stimulants	--	--	0	--	--	--
Club drugs†	0	--	0	--	--	--
Hallucinogens††	--	--	--	--	--	--
Inhalants	0	0	0	--	--	--
Antidepressants	11	15	0	--	--	--
Antipsychotics	8	6	--	--	--	--
Benzodiazepines	16	22	--	--	--	--
Misc. anxiolytics, sedatives, and hypnotics	13	13	0	--	--	--
Opiates/opioids	31	38	5	--	--	--
Heroin (specified)	--	13	--	--	--	--
Methadone	15	11	0	--	--	--
All other opiates/opioids	18	30	4	--	--	--
Nonsteroidal anti-inflammatory agents	0	0	0	--	--	--
Salicylates/combinations	--	--	0	--	--	--
Misc. analgesics/combinations	--	--	0	--	--	--
Anticonvulsants	--	4	--	--	--	--
Muscle relaxants	--	--	0	--	--	--

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

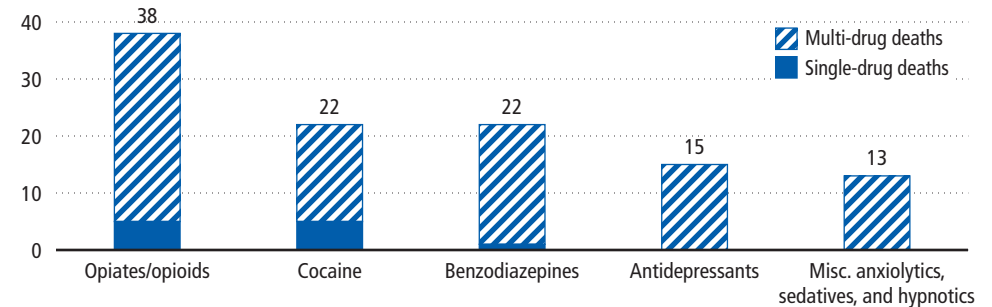
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



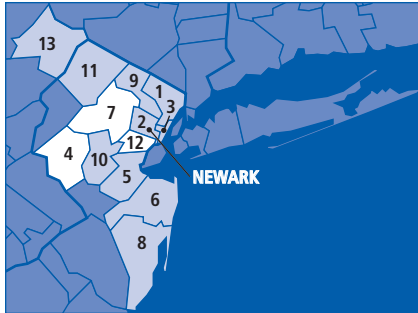
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

# Newark-Edison, NJ-PA



<b>Deaths reported to DAWN</b>	
Drug-related.....	104
Drug-related suicide.....	21
<b>Metro area population, 2008.....</b>	
	6,427,507
<b>Population covered by DAWN.....</b>	
	1,139,828
<b>Percent of population covered by DAWN.....</b>	
	18%

## Metro area overview: Deaths and population by county, 2008

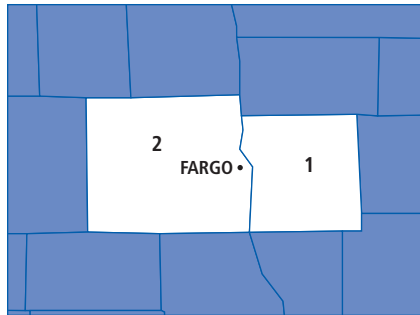
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (3)</b>	<b>104</b>	<b>9.1</b>	<b>21</b>	<b>1.8</b>	<b>1,139,828</b>
1. Bergen County, NJ					894,840
2. Essex County, NJ					770,675
3. Hudson County, NJ					595,419
4. Hunterdon County, NJ	13	10.1	4	3.1	129,031
5. Middlesex County, NJ					789,102
6. Monmouth County, NJ					642,448
7. Morris County, NJ	43	8.8	9	1.8	487,548
8. Ocean County, NJ					569,111
9. Passaic County, NJ					490,948
10. Somerset County, NJ					324,563
11. Sussex County, NJ					150,909
12. Union County, NJ	48	9.2	8	1.5	523,249
13. Pike County, PA					59,664

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, 2008 (08/2009 update).

## Fargo, ND-MN

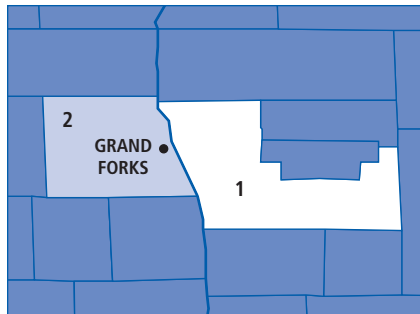


<b>Deaths reported to DAWN</b>	
Drug-related.....	7
Drug-related suicide.....	1
<b>Metro area population, 2008</b> ..... 195,685	
<b>Population covered by DAWN</b> ..... 195,685	
<b>Percent of population covered by DAWN</b> ..... 100%	

### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (2)</b>	<b>7</b>	<b>3.6</b>	<b>1</b>	<b>0.5</b>	<b>195,685</b>
1. Clay County, MN	4	7.2	0	0.0	55,767
2. Cass County, ND	3	2.1	1	0.7	139,918

## Grand Forks, ND-MN



<b>Deaths reported to DAWN</b>	
Drug-related.....	3
Drug-related suicide.....	0
<b>Metro area population, 2008</b> ..... 97,279	
<b>Population covered by DAWN</b> ..... 30,694	
<b>Percent of population covered by DAWN</b> ..... 32%	

### Metro area overview: Deaths and population by county, 2008

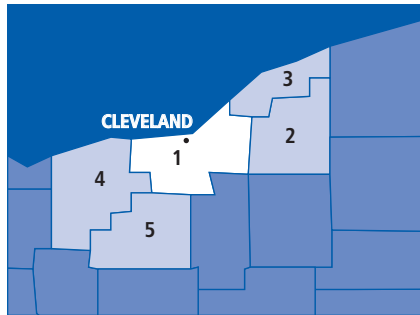
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>3</b>	<b>9.8</b>	<b>0</b>	<b>0.0</b>	<b>30,694</b>
1. Polk County, MN	3	9.8	0	0.0	30,694
2. Grand Forks County, ND					66,585

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, 2008 (08/2009 update).

# Cleveland-Elyria-Mentor, OH



Deaths reported to DAWN  
 Drug-related.....225  
 Drug-related suicide.....25

Metro area  
 population, 2008..... 2,088,291

Population  
 covered by DAWN..... 1,283,925

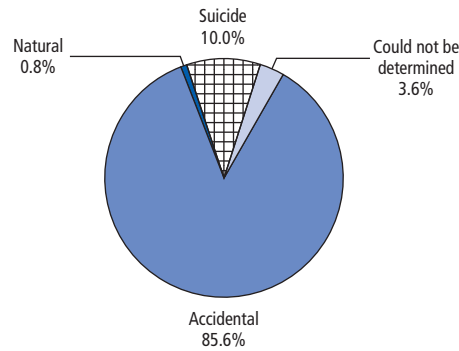
Percent of population  
 covered by DAWN..... 61%

## Metro area overview: Deaths and population by county, 2008

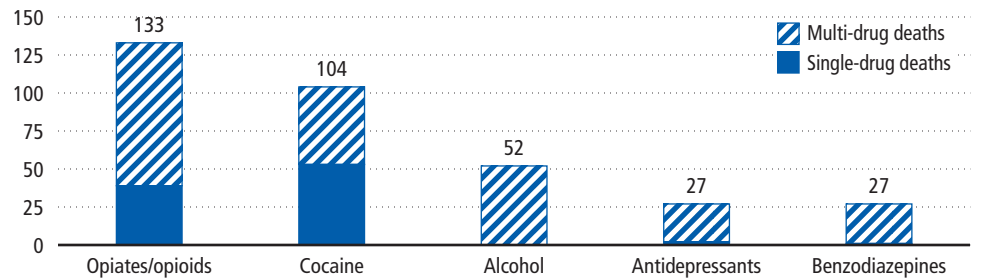
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>225</b>	<b>17.5</b>	<b>25</b>	<b>1.9</b>	<b>1,283,925</b>
1. Cuyahoga County, OH	225	17.5	25	1.9	1,283,925
2. Geauga County, OH					94,753
3. Lake County, OH					234,030
4. Lorain County, OH					304,373
5. Medina County, OH					171,210

Shaded areas did not participate in DAWN this year.

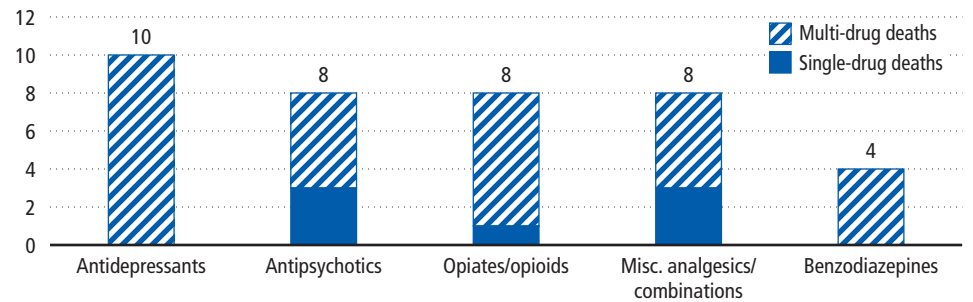
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

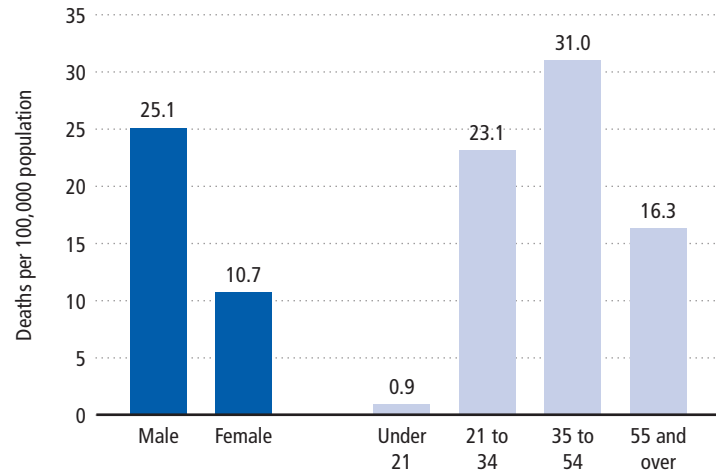


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

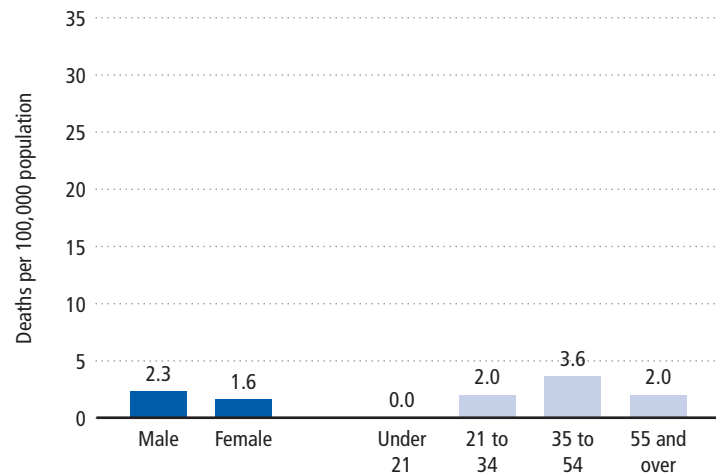
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Cleveland-Elyria-Mentor, OH

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	94	Health care facility	5
Home	92	Home	17
Public place	7	Public place	--
Other	29	Other	--
Not documented	--	Not documented	0

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>198</b>	<b>225</b>	<b>103</b>	<b>24</b>	<b>25</b>	<b>10</b>
Alcohol*	49	52	0	6	--	0
Cocaine	99	104	53	--	--	0
Marijuana	--	--	0	0	0	0
Stimulants	0	0	0	0	0	0
Club drugs†	--	0	0	0	0	0
Hallucinogens††	--	5	--	0	0	0
Inhalants	--	4	--	0	--	--
Antidepressants	25	27	--	16	10	0
Antipsychotics	6	6	--	4	8	--
Benzodiazepines	29	27	--	4	4	0
Misc. anxiolytics, sedatives, and hypnotics	9	10	0	--	--	0
Opiates/opioids	101	133	39	8	8	--
Heroin (specified)	37	61	26	--	--	--
Methadone	17	16	4	--	--	0
All other opiates/opioids	62	73	9	5	6	0
Nonsteroidal anti-inflammatory agents	--	0	0	0	0	0
Salicylates/combinations	--	0	0	0	0	0
Misc. analgesics/combinations	14	15	--	4	8	--
Anticonvulsants	0	--	0	0	0	0
Muscle relaxants	8	9	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.

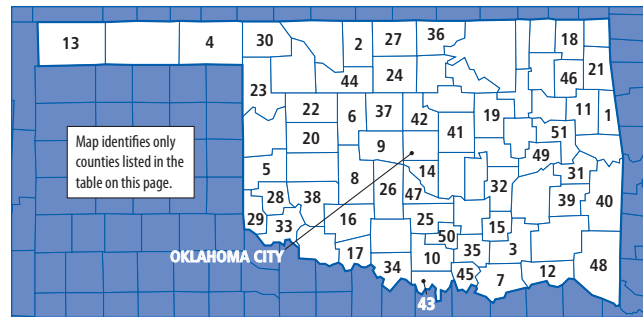
†† Includes PCP, LSD, and miscellaneous hallucinogens.

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, 2008 (08/2009 update).



# Oklahoma



## Deaths reported to DAWN

Drug-related.....582  
 Drug-related suicide.....76

## State

population, 2008.....3,642,361

## Population

covered by DAWN.....3,642,361

## Percent of population

covered by DAWN.....100%

## State overview: Deaths and population by county, 2008

Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (77)</b>	<b>582</b>	<b>16.0</b>	<b>76</b>	<b>2.1</b>	<b>3,642,361</b>
1. Adair County	0	0.0	0	0.0	21,811
2. Alfalfa County	0	0.0	0	0.0	5,637
3. Atoka County	2	13.6	0	0.0	14,655
4. Beaver County	0	0.0	0	0.0	5,248
5. Beckham County	5	23.7	1	4.7	21,136
6. Blaine County	2	15.8	0	0.0	12,659
7. Bryan County	10	24.9	2	5.0	40,109
8. Caddo County	3	10.3	2	6.9	29,024
9. Canadian County	9	8.5	0	0.0	106,079
10. Carter County	8	16.7	0	0.0	47,979
11. Cherokee County	17	37.2	1	2.2	45,733
12. Choctaw County	1	6.7	3	20.1	14,890
13. Cimarron County	0	0.0	0	0.0	2,556
14. Cleveland County	35	14.6	3	1.3	239,760
15. Coal County	0	0.0	0	0.0	5,721
16. Comanche County	12	10.7	2	1.8	111,772
17. Cotton County	1	16.2	0	0.0	6,191
18. Craig County	3	19.8	0	0.0	15,132
19. Creek County	16	22.9	1	1.4	69,822
20. Custer County	3	11.4	0	0.0	26,412
21. Delaware County	6	14.8	0	0.0	40,425
22. Dewey County	0	0.0	1	22.8	4,389
23. Ellis County	0	0.0	0	0.0	3,971
24. Garfield County	8	13.8	3	5.2	58,167
25. Garvin County	7	25.7	1	3.7	27,247

(continued)

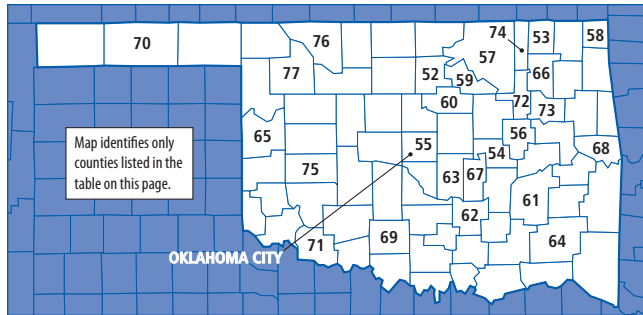
Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
26. Grady County	5	9.8	0	0.0	51,066
27. Grant County	0	0.0	0	0.0	4,450
28. Greer County	1	17.5	0	0.0	5,713
29. Harmon County	1	35.2	0	0.0	2,843
30. Harper County	0	0.0	0	0.0	3,290
31. Haskell County	1	8.2	0	0.0	12,152
32. Hughes County	1	7.3	0	0.0	13,625
33. Jackson County	0	0.0	1	4.0	25,236
34. Jefferson County	0	0.0	0	0.0	6,219
35. Johnston County	0	0.0	0	0.0	10,286
36. Kay County	5	11.0	1	2.2	45,632
37. Kingfisher County	0	0.0	0	0.0	14,300
38. Kiowa County	3	31.9	0	0.0	9,399
39. Latimer County	1	9.5	1	9.5	10,561
40. Le Flore County	12	24.1	2	4.0	49,802
41. Lincoln County	3	9.3	0	0.0	32,153
42. Logan County	7	18.4	0	0.0	38,102
43. Love County	2	21.8	0	0.0	9,155
44. Major County	0	0.0	0	0.0	7,112
45. Marshall County	1	6.7	0	0.0	14,919
46. Mayes County	10	25.1	3	7.5	39,912
47. McClain County	3	9.3	0	0.0	32,365
48. McCurtain County	8	23.9	1	3.0	33,532
49. McIntosh County	3	15.2	1	5.1	19,698
50. Murray County	5	39.1	0	0.0	12,784
51. Muskogee County	24	33.7	2	2.8	71,278

(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.

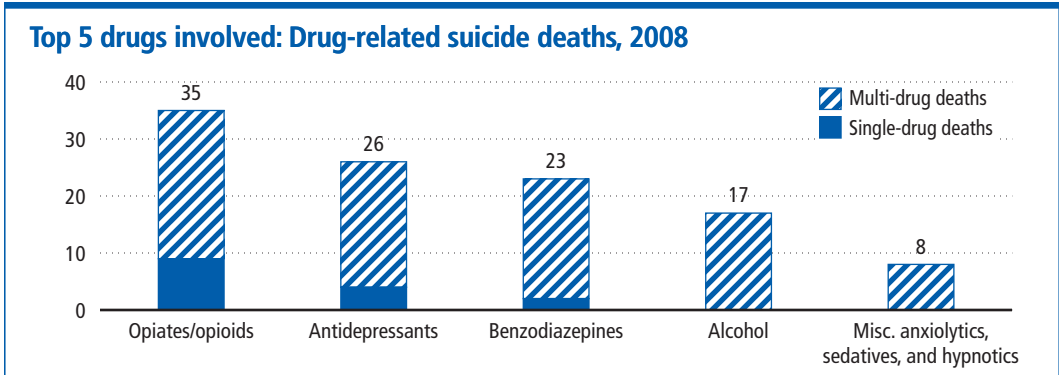
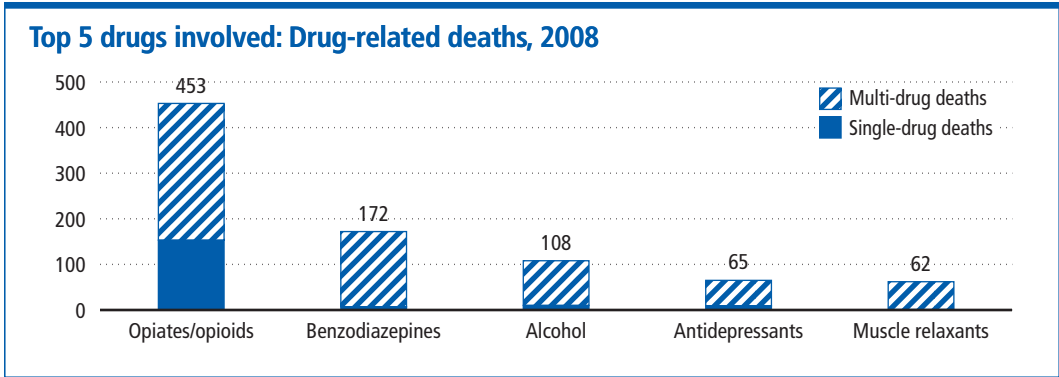
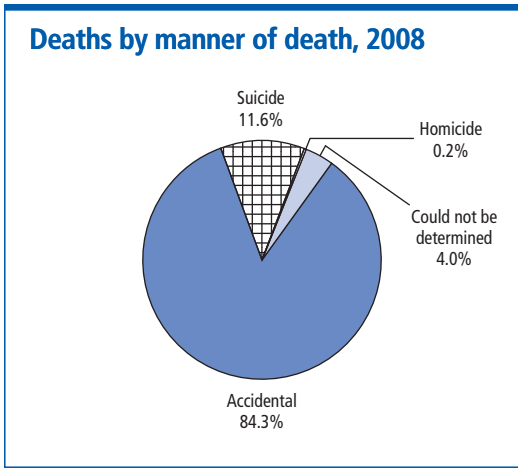
SOURCE: Office of Applied Studies,  
 SAMHSA, Drug Abuse Warning  
 Network, 2008 (08/2009 update).

# Oklahoma



**State overview: Deaths and population by county, 2008 (continued)**

Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
52. Noble County	0	0.0	0	0.0	11,169
53. Nowata County	0	0.0	0	0.0	10,729
54. Okfuskee County	0	0.0	0	0.0	11,172
55. Oklahoma County	108	15.3	19	2.7	706,617
56. Okmulgee County	7	17.8	0	0.0	39,219
57. Osage County	6	13.2	1	2.2	45,489
58. Ottawa County	5	15.7	1	3.1	31,849
59. Pawnee County	5	30.7	0	0.0	16,307
60. Payne County	6	7.7	1	1.3	78,280
61. Pittsburg County	5	11.1	3	6.6	45,115
62. Pontotoc County	5	13.5	1	2.7	36,999
63. Pottawatomie County	16	23.0	1	1.4	69,616
64. Pushmataha County	3	25.6	0	0.0	11,710
65. Roger Mills County	0	0.0	0	0.0	3,404
66. Rogers County	15	17.8	1	1.2	84,300
67. Seminole County	3	12.4	0	0.0	24,200
68. Sequoyah County	3	7.3	0	0.0	41,034
69. Stephens County	8	18.4	0	0.0	43,498
70. Texas County	3	14.8	0	0.0	20,283
71. Tillman County	0	0.0	0	0.0	7,899
72. Tulsa County	119	20.1	12	2.0	591,982
73. Wagoner County	10	14.5	2	2.9	68,960
74. Washington County	5	9.9	2	4.0	50,452
75. Washita County	2	17.1	0	0.0	11,709
76. Woods County	1	11.9	0	0.0	8,422
77. Woodward County	3	15.1	0	0.0	19,838

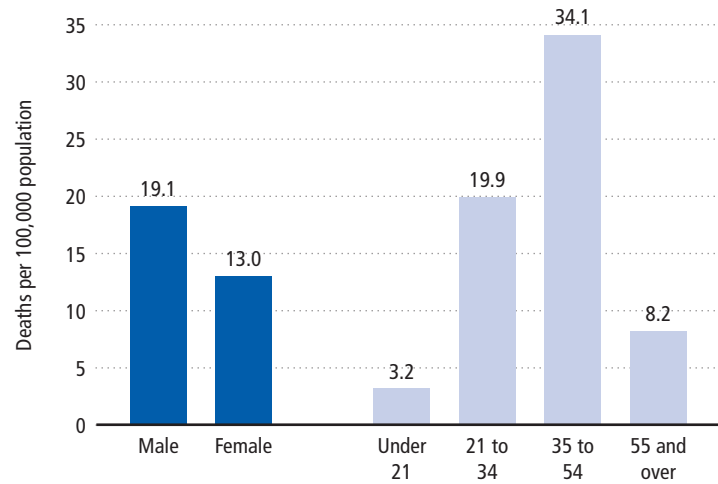


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

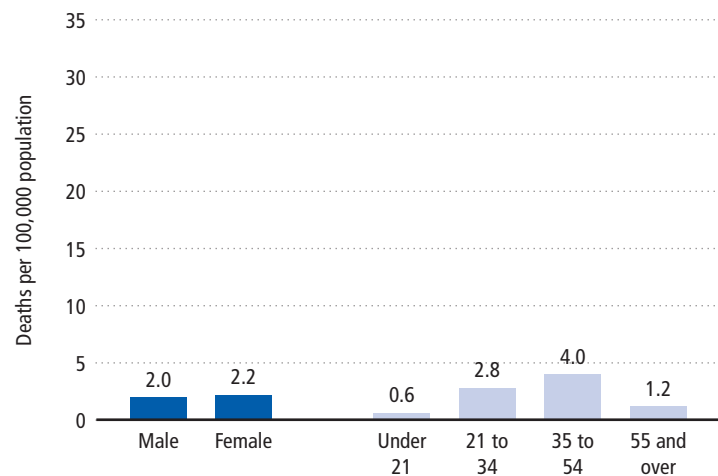
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Oklahoma

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	127	Health care facility	14
Home	370	Home	48
Public place	16	Public place	5
Other	63	Other	9
Not documented	6	Not documented	0

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>542</b>	<b>582</b>	<b>233</b>	<b>69</b>	<b>76</b>	<b>27</b>
Alcohol*	80	108	10	14	17	0
Cocaine	69	49	19	0	0	0
Marijuana	0	0	0	0	0	0
Stimulants	39	33	14	--	--	0
Club drugs†	4	--	0	0	0	0
Hallucinogens††	--	--	0	0	0	0
Inhalants	7	5	4	--	--	--
Antidepressants	70	65	9	20	26	4
Antipsychotics	12	11	--	8	5	--
Benzodiazepines	189	172	7	23	23	--
Misc. anxiolytics, sedatives, and hypnotics	29	39	--	8	8	0
Opiates/opioids	426	453	153	34	35	9
Heroin (specified)	--	6	--	0	--	--
Methadone	163	123	49	5	5	--
All other opiates/opioids	296	354	102	30	30	6
Nonsteroidal anti-inflammatory agents	4	0	0	0	0	0
Salicylates/combinations	--	0	0	--	--	0
Misc. analgesics/combinations	29	49	6	15	7	--
Anticonvulsants	7	--	0	--	--	0
Muscle relaxants	42	62	--	8	7	--

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

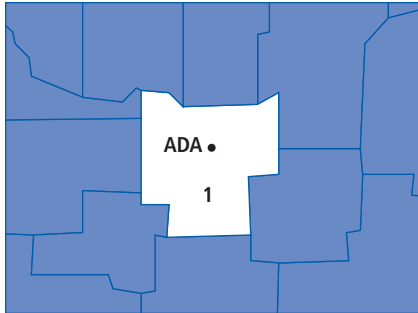
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

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, 2008 (08/2009 update).

# Ada, OK



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

**Metro area population, 2008** ..... 36,999

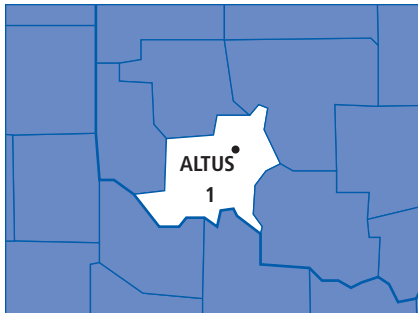
**Population covered by DAWN** ..... 36,999

**Percent of population covered by DAWN** ..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>5</b>	<b>13.5</b>	<b>1</b>	<b>2.7</b>	<b>36,999</b>
1. Pontotoc County, OK	5	13.5	1	2.7	36,999

# Altus, OK



**Deaths reported to DAWN**  
 Drug-related.....0  
 Drug-related suicide.....1

**Metro area population, 2008** ..... 25,236

**Population covered by DAWN** ..... 25,236

**Percent of population covered by DAWN** ..... 100%

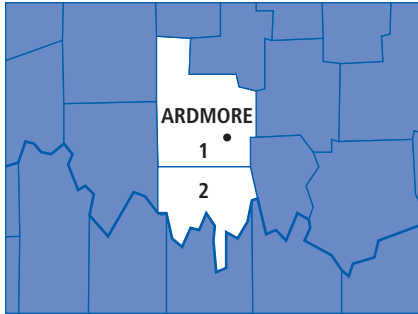
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>0</b>	<b>0.0</b>	<b>1</b>	<b>4.0</b>	<b>25,236</b>
1. Jackson County, OK	0	0.0	1	4.0	25,236

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, 2008 (08/2009 update).

## Ardmore, OK



**Deaths reported to DAWN**

Drug-related.....	10
Drug-related suicide.....	0

**Metro area population, 2008** ..... 57,134

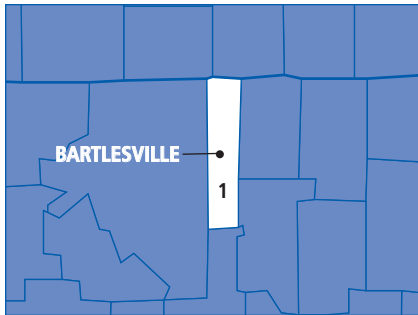
**Population covered by DAWN** ..... 57,134

**Percent of population covered by DAWN** ..... 100%

### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (2)</b>	<b>10</b>	<b>17.5</b>	<b>0</b>	<b>0.0</b>	<b>57,134</b>
1. Carter County, OK	8	16.7	0	0.0	47,979
2. Love County, OK	2	21.8	0	0.0	9,155

## Bartlesville, OK



**Deaths reported to DAWN**

Drug-related.....	5
Drug-related suicide.....	2

**Metro area population, 2008** ..... 50,452

**Population covered by DAWN** ..... 50,452

**Percent of population covered by DAWN** ..... 100%

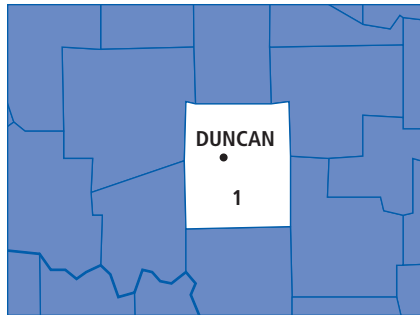
### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>5</b>	<b>9.9</b>	<b>2</b>	<b>4.0</b>	<b>50,452</b>
1. Washington County, OK	5	9.9	2	4.0	50,452

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, 2008 (08/2009 update).

# Duncan, OK



**Deaths reported to DAWN**  
 Drug-related.....8  
 Drug-related suicide.....0

**Metro area population, 2008** ..... 43,498

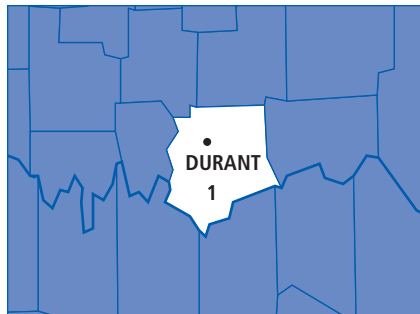
**Population covered by DAWN** ..... 43,498

**Percent of population covered by DAWN** ..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>8</b>	<b>18.4</b>	<b>0</b>	<b>0.0</b>	<b>43,498</b>
1. Stephens County, OK	8	18.4	0	0.0	43,498

# Durant, OK



**Deaths reported to DAWN**  
 Drug-related.....10  
 Drug-related suicide.....2

**Metro area population, 2008** ..... 40,109

**Population covered by DAWN** ..... 40,109

**Percent of population covered by DAWN** ..... 100%

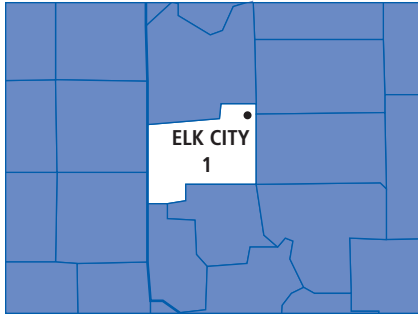
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>10</b>	<b>24.9</b>	<b>2</b>	<b>5.0</b>	<b>40,109</b>
1. Bryan County, OK	10	24.9	2	5.0	40,109

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, 2008 (08/2009 update).

## Elk City, OK

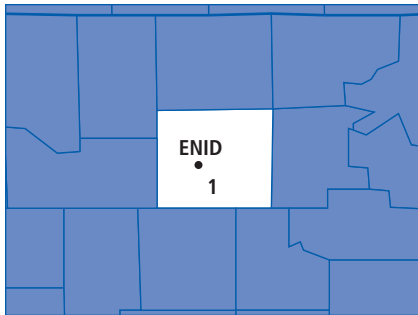


<b>Deaths reported to DAWN</b>	
Drug-related.....	5
Drug-related suicide.....	1
<b>Metro area population, 2008</b> .....	
	21,136
<b>Population covered by DAWN</b> .....	
	21,136
<b>Percent of population covered by DAWN</b> .....	
	100%

### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>5</b>	<b>23.7</b>	<b>1</b>	<b>4.7</b>	<b>21,136</b>
1. Beckham County, OK	5	23.7	1	4.7	21,136

## Enid, OK



<b>Deaths reported to DAWN</b>	
Drug-related.....	8
Drug-related suicide.....	3
<b>Metro area population, 2008</b> .....	
	58,167
<b>Population covered by DAWN</b> .....	
	58,167
<b>Percent of population covered by DAWN</b> .....	
	100%

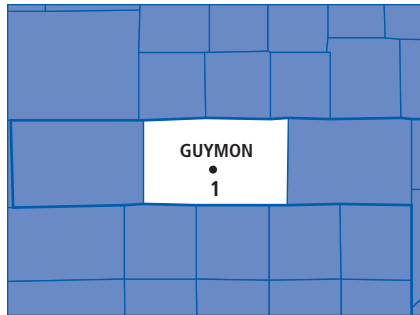
### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>8</b>	<b>13.8</b>	<b>3</b>	<b>5.2</b>	<b>58,167</b>
1. Garfield County, OK	8	13.8	3	5.2	58,167

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, 2008 (08/2009 update).

# Guymon, OK



**Deaths reported to DAWN**

Drug-related.....	3
Drug-related suicide.....	0

**Metro area population, 2008** ..... 20,283

**Population covered by DAWN** ..... 20,283

**Percent of population covered by DAWN** ..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>3</b>	<b>14.8</b>	<b>0</b>	<b>0.0</b>	<b>20,283</b>
1. Texas County, OK	3	14.8	0	0.0	20,283

# Lawton, OK



**Deaths reported to DAWN**

Drug-related.....	12
Drug-related suicide.....	2

**Metro area population, 2008** ..... 111,772

**Population covered by DAWN** ..... 111,772

**Percent of population covered by DAWN** ..... 100%

## Metro area overview: Deaths and population by county, 2008

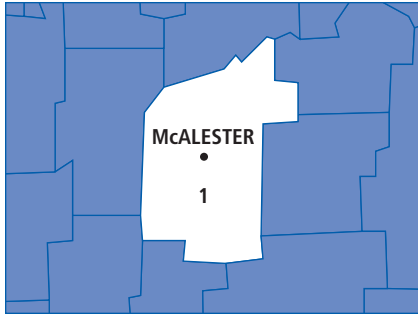
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>12</b>	<b>10.7</b>	<b>2</b>	<b>1.8</b>	<b>111,772</b>
1. Comanche County, OK	12	10.7	2	1.8	111,772

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, 2008 (08/2009 update).



# McAlester, OK



**Deaths reported to DAWN**

Drug-related.....	5
Drug-related suicide.....	3

**Metro area population, 2008** ..... 45,115

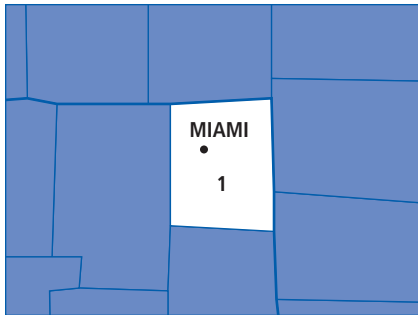
**Population covered by DAWN** ..... 45,115

**Percent of population covered by DAWN** ..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>5</b>	<b>11.1</b>	<b>3</b>	<b>6.6</b>	<b>45,115</b>
1. Pittsburg County, OK	5	11.1	3	6.6	45,115

# Miami, OK



**Deaths reported to DAWN**

Drug-related.....	5
Drug-related suicide.....	1

**Metro area population, 2008** ..... 31,849

**Population covered by DAWN** ..... 31,849

**Percent of population covered by DAWN** ..... 100%

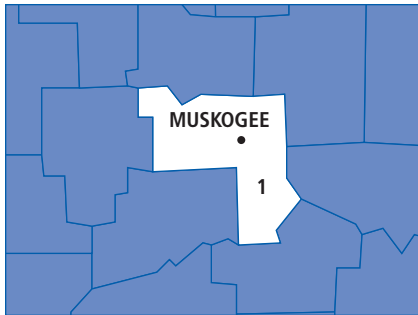
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>5</b>	<b>15.7</b>	<b>1</b>	<b>3.1</b>	<b>31,849</b>
1. Ottawa County, OK	5	15.7	1	3.1	31,849

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, 2008 (08/2009 update).

# Muskogee, OK



<b>Deaths reported to DAWN</b>	
Drug-related.....	24
Drug-related suicide.....	2
<b>Metro area population, 2008.....</b>	
	71,278
<b>Population covered by DAWN.....</b>	
	71,278
<b>Percent of population covered by DAWN.....</b>	
	100%

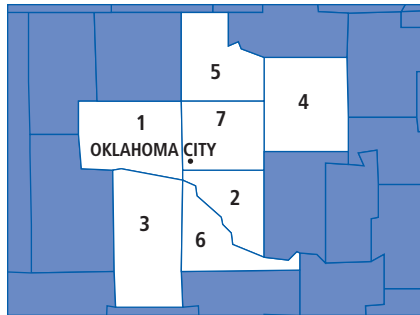
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>24</b>	<b>33.7</b>	<b>2</b>	<b>2.8</b>	<b>71,278</b>
1. Muskogee County, OK	24	33.7	2	2.8	71,278

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, 2008 (08/2009 update).

# Oklahoma City, OK



**Deaths reported to DAWN**  
 Drug-related.....170  
 Drug-related suicide.....22

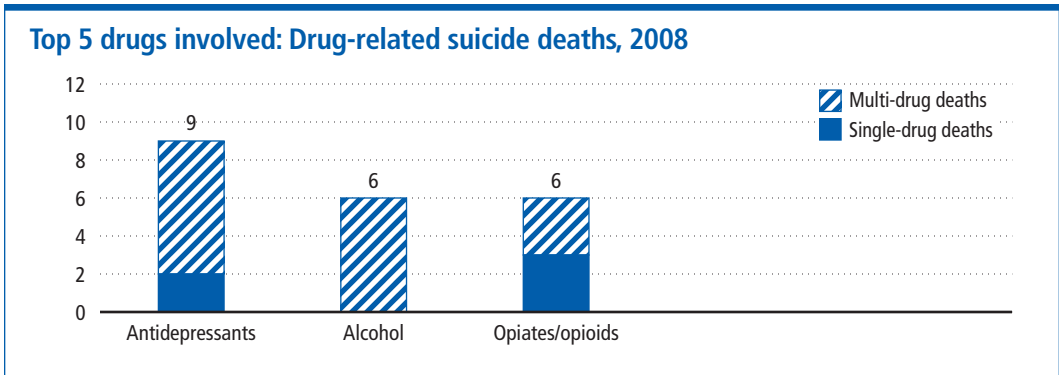
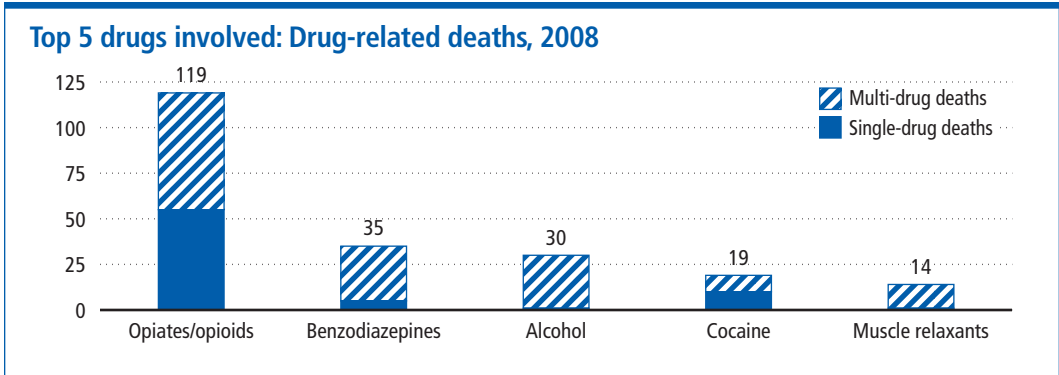
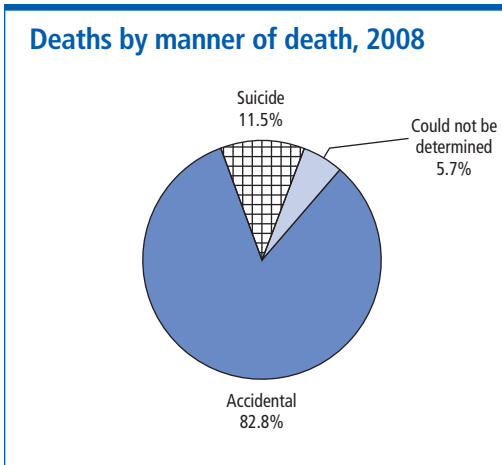
**Metro area population, 2008**..... 1,206,142

**Population covered by DAWN**..... 1,206,142

**Percent of population covered by DAWN**..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (7)</b>	<b>170</b>	<b>14.1</b>	<b>22</b>	<b>1.8</b>	<b>1,206,142</b>
1. Canadian County, OK	9	8.5	0	0.0	106,079
2. Cleveland County, OK	35	14.6	3	1.3	239,760
3. Grady County, OK	5	9.8	0	0.0	51,066
4. Lincoln County, OK	3	9.3	0	0.0	32,153
5. Logan County, OK	7	18.4	0	0.0	38,102
6. McClain County, OK	3	9.3	0	0.0	32,365
7. Oklahoma County, OK	108	15.3	19	2.7	706,617

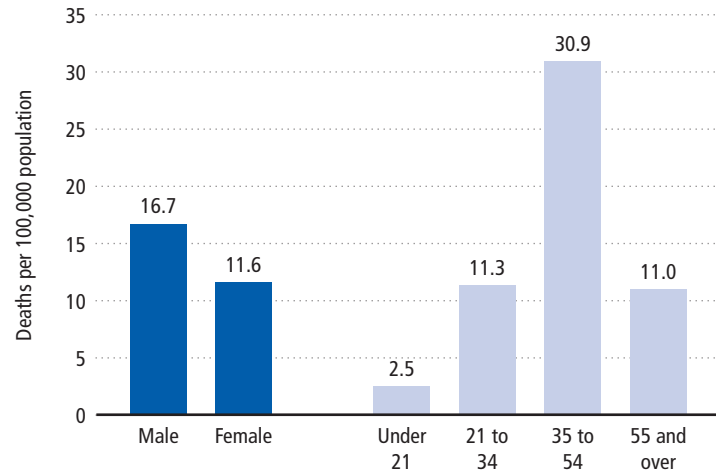


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

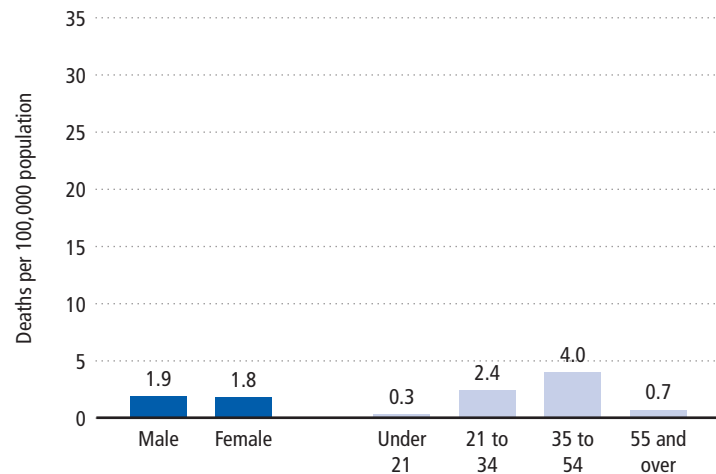
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Oklahoma City, OK

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	31	Health care facility	5
Home	113	Home	13
Public place	6	Public place	--
Other	15	Other	--
Not documented	5	Not documented	0

**Drug-related deaths by drug category, 2007-2008**

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>181</b>	<b>170</b>	<b>92</b>	<b>23</b>	<b>22</b>	<b>11</b>
Alcohol*	29	30	--	--	6	0
Cocaine	28	19	10	0	0	0
Marijuana	0	0	0	0	0	0
Stimulants	6	8	5	0	0	0
Club drugs†	--	0	0	0	0	0
Hallucinogens††	--	0	0	0	0	0
Inhalants	--	--	--	--	--	--
Antidepressants	8	12	6	5	9	--
Antipsychotics	--	4	--	--	--	--
Benzodiazepines	32	35	5	7	--	--
Misc. anxiolytics, sedatives, and hypnotics	5	7	0	--	--	0
Opiates/opioids	126	119	55	8	6	--
Heroin (specified)	--	4	--	0	--	--
Methadone	37	19	8	--	--	--
All other opiates/opioids	93	98	45	6	4	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	0	0	--	--	0
Misc. analgesics/combinations	10	9	--	--	--	0
Anticonvulsants	--	--	0	--	0	0
Muscle relaxants	9	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.

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, 2008 (08/2009 update).

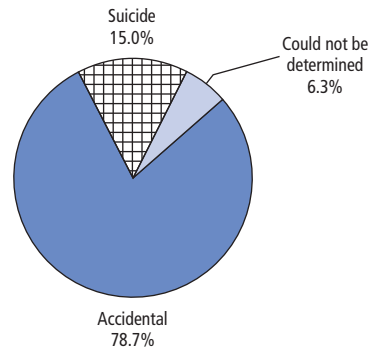
# Oklahoma City, OK: Oklahoma County, OK



## Oklahoma County, OK: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	108
Drug-related suicide.....	19
<b>Population .....</b>	<b>706,617</b>
<b>Deaths per 100,000 population</b>	
Drug-related.....	15.3
Drug-related suicide.....	2.7

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>	<b>Deaths</b>
Health care facility.....	28
Home.....	70
Public place.....	4
Other.....	4
Not documented.....	--
<b>Drug-related suicide</b>	<b>Deaths</b>
Health care facility.....	5
Home.....	10
Public place.....	--
Other.....	--
Not documented.....	0

## Drug-related deaths by drug category, 2007-2008

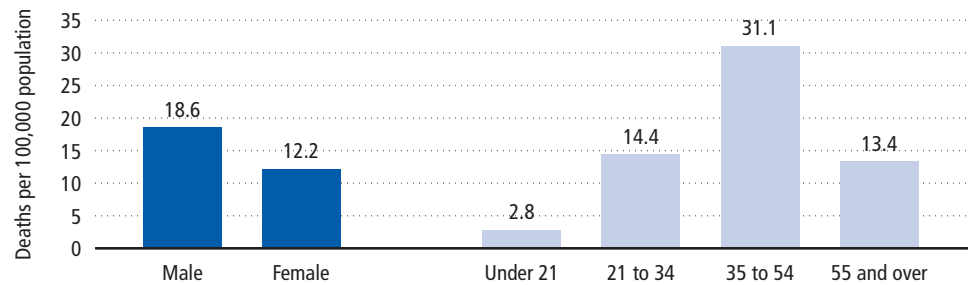
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>142</b>	<b>108</b>	<b>57</b>	<b>14</b>	<b>19</b>	<b>10</b>
Alcohol*	26	20	0	--	6	0
Cocaine	26	16	8	0	0	0
Marijuana	0	0	0	0	0	0
Stimulants	4	7	4	0	0	0
Club drugs†	--	0	0	0	0	0
Hallucinogens††	--	0	0	0	0	0
Inhalants	--	--	--	--	--	--
Antidepressants	--	7	--	--	8	--
Antipsychotics	--	--	--	--	--	--
Benzodiazepines	21	18	--	5	--	--
Misc. anxiolytics, sedatives, and hypnotics	--	5	0	--	--	0
Opiates/opioids	94	75	33	4	6	--
Heroin (specified)	0	--	--	0	--	--
Methadone	31	11	5	--	--	--
All other opiates/opioids	67	62	27	--	4	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	0	0	--	0	0
Misc. analgesics/combinations	8	6	--	--	--	0
Anticonvulsants	--	--	0	0	0	0
Muscle relaxants	7	5	--	--	--	--

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

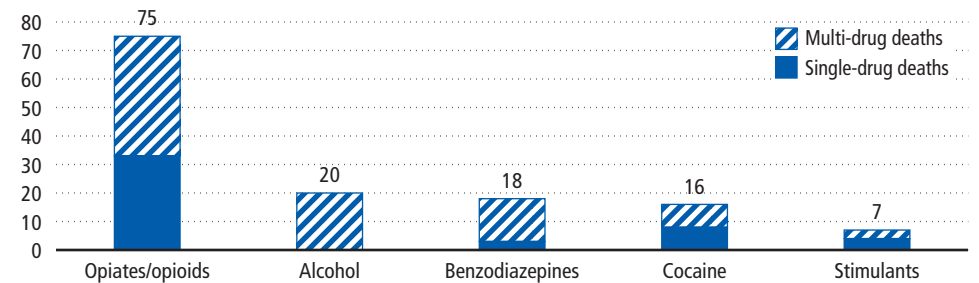
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



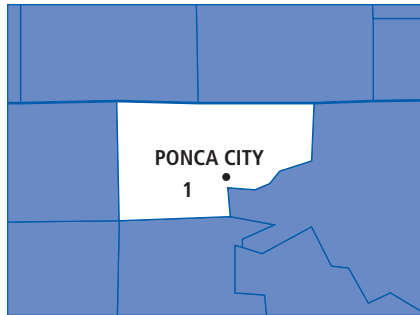
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

# Ponca City, OK



**Deaths reported to DAWN**

Drug-related.....	5
Drug-related suicide.....	1

**Metro area population, 2008** ..... 45,632

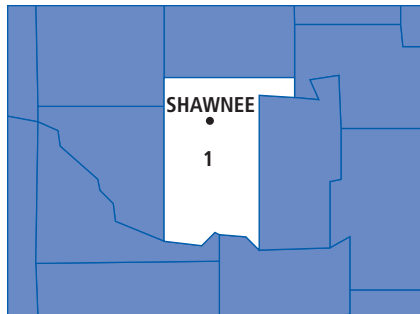
**Population covered by DAWN** ..... 45,632

**Percent of population covered by DAWN** ..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>5</b>	<b>11.0</b>	<b>1</b>	<b>2.2</b>	<b>45,632</b>
1. Kay County, OK	5	11.0	1	2.2	45,632

# Shawnee, OK



**Deaths reported to DAWN**

Drug-related.....	16
Drug-related suicide.....	1

**Metro area population, 2008** ..... 69,616

**Population covered by DAWN** ..... 69,616

**Percent of population covered by DAWN** ..... 100%

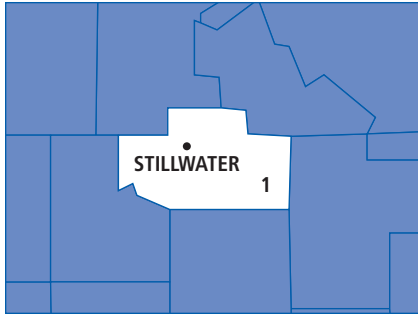
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>16</b>	<b>23.0</b>	<b>1</b>	<b>1.4</b>	<b>69,616</b>
1. Pottawatomie County, OK	16	23.0	1	1.4	69,616

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, 2008 (08/2009 update).

## Stillwater, OK

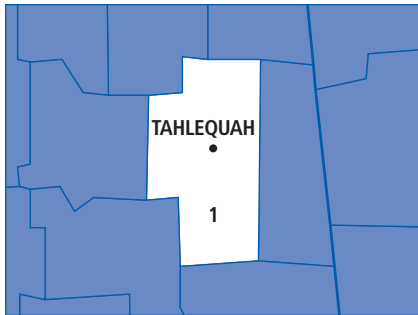


<b>Deaths reported to DAWN</b>	
Drug-related.....	6
Drug-related suicide.....	1
<b>Metro area population, 2008</b> .....	
	78,280
<b>Population covered by DAWN</b> .....	
	78,280
<b>Percent of population covered by DAWN</b> .....	
	100%

### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>6</b>	<b>7.7</b>	<b>1</b>	<b>1.3</b>	<b>78,280</b>
1. Payne County, OK	6	7.7	1	1.3	78,280

## Tahlequah, OK



<b>Deaths reported to DAWN</b>	
Drug-related.....	17
Drug-related suicide.....	1
<b>Metro area population, 2008</b> .....	
	45,733
<b>Population covered by DAWN</b> .....	
	45,733
<b>Percent of population covered by DAWN</b> .....	
	100%

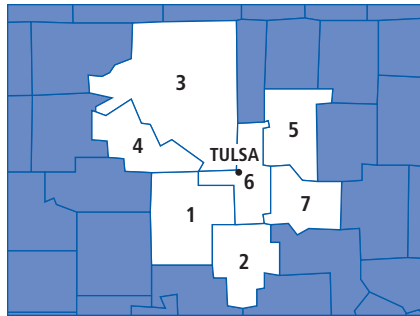
### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>17</b>	<b>37.2</b>	<b>1</b>	<b>2.2</b>	<b>45,733</b>
1. Cherokee County, OK	17	37.2	1	2.2	45,733

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, 2008 (08/2009 update).

# Tulsa, OK



**Deaths reported to DAWN**  
 Drug-related.....178  
 Drug-related suicide.....17

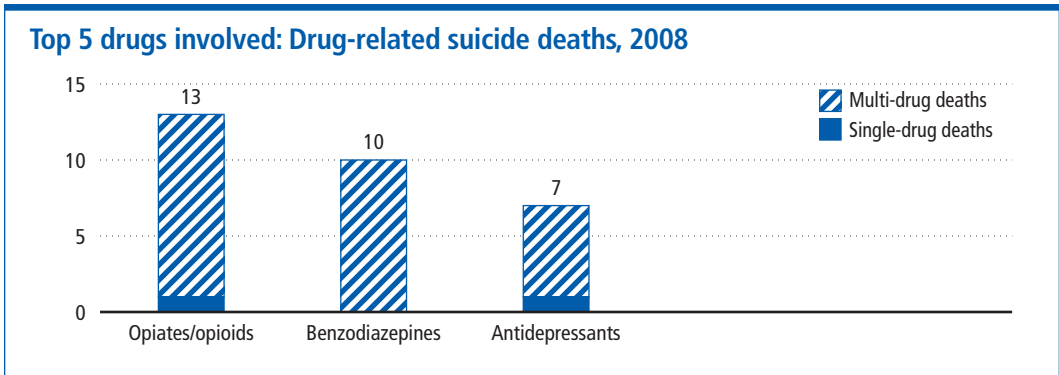
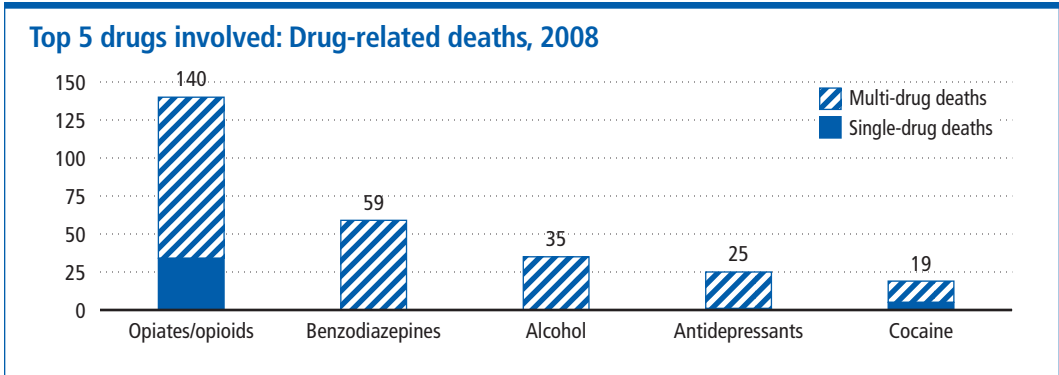
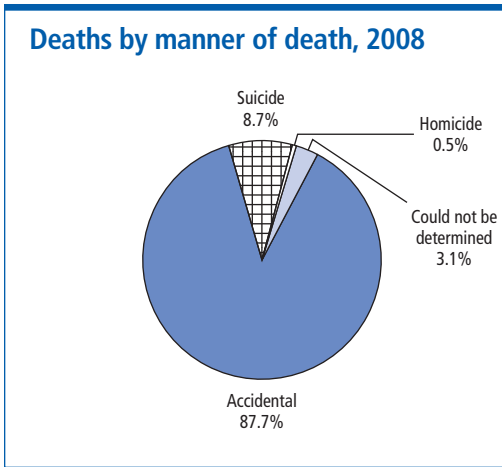
**Metro area population, 2008**..... 916,079

**Population covered by DAWN**..... 916,079

**Percent of population covered by DAWN**..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (7)</b>	<b>178</b>	<b>19.4</b>	<b>17</b>	<b>1.9</b>	<b>916,079</b>
1. Creek County, OK	16	22.9	1	1.4	69,822
2. Okmulgee County, OK	7	17.8	0	0.0	39,219
3. Osage County, OK	6	13.2	1	2.2	45,489
4. Pawnee County, OK	5	30.7	0	0.0	16,307
5. Rogers County, OK	15	17.8	1	1.2	84,300
6. Tulsa County, OK	119	20.1	12	2.0	591,982
7. Wagoner County, OK	10	14.5	2	2.9	68,960



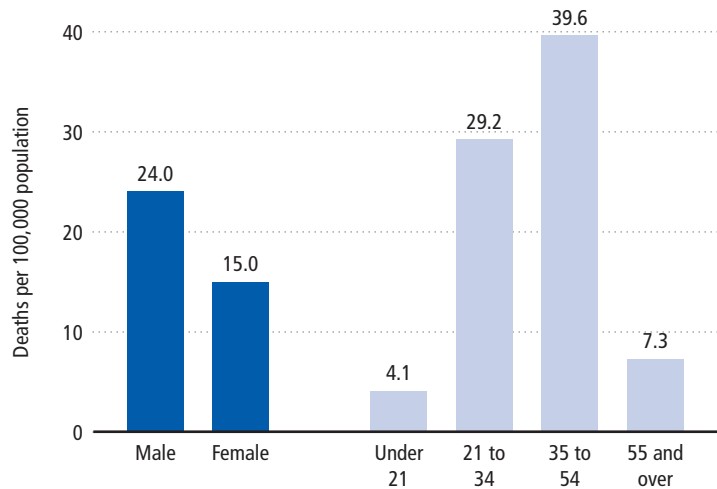
NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

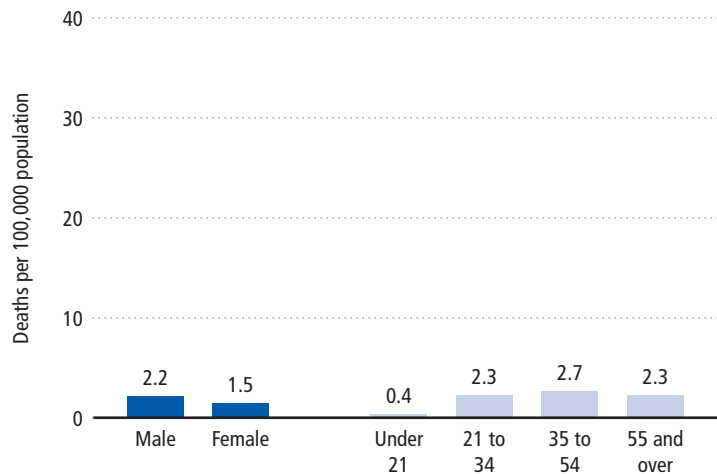


# Tulsa, OK

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	45	Health care facility	5
Home	114	Home	9
Public place	--	Public place	0
Other	18	Other	--
Not documented	0	Not documented	0

**Drug-related deaths by drug category, 2007-2008**

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>188</b>	<b>178</b>	<b>51</b>	<b>22</b>	<b>17</b>	<b>--</b>
Alcohol*	23	35	0	6	0	--
Cocaine	27	19	5	0	0	--
Marijuana	0	0	0	0	0	--
Stimulants	18	17	6	--	--	--
Club drugs†	--	--	0	0	0	--
Hallucinogens††	0	--	0	0	0	--
Inhalants	--	--	--	0	--	--
Antidepressants	33	25	--	7	7	--
Antipsychotics	4	--	0	--	--	--
Benzodiazepines	95	59	0	10	10	--
Misc. anxiolytics, sedatives, and hypnotics	9	17	--	4	--	--
Opiates/opioids	155	140	34	14	13	--
Heroin (specified)	0	--	0	0	0	--
Methadone	73	49	16	--	--	--
All other opiates/opioids	100	105	18	14	12	--
Nonsteroidal anti-inflammatory agents	--	0	0	0	0	--
Salicylates/combinations	--	0	0	--	0	--
Misc. analgesics/combinations	12	13	--	7	--	--
Anticonvulsants	--	--	0	--	--	--
Muscle relaxants	18	17	0	4	0	--

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

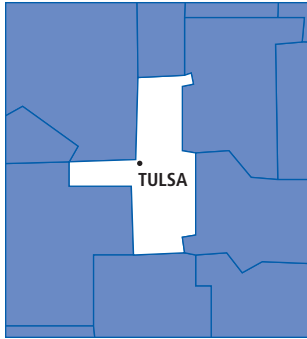
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

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, 2008 (08/2009 update).

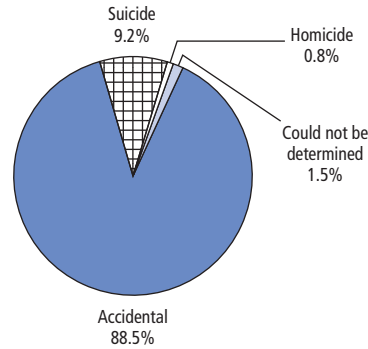
# Tulsa, OK: Tulsa County, OK



## Tulsa County, OK: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	119
Drug-related suicide.....	12
<b>Population</b> .....	591,982
<b>Deaths per 100,000 population</b>	
Drug-related.....	20.1
Drug-related suicide.....	2.0

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility		35
Home		72
Public place		--
Other		11
Not documented		0
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility		5
Home		6
Public place		0
Other		--
Not documented		0

## Drug-related deaths by drug category, 2007-2008

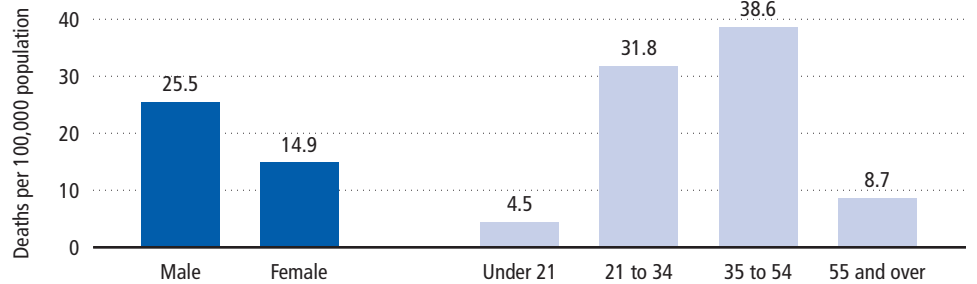
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>142</b>	<b>119</b>	<b>39</b>	<b>17</b>	<b>12</b>	<b>--</b>
Alcohol*	18	22	0	5	0	--
Cocaine	23	17	5	0	0	--
Marijuana	0	0	0	0	0	--
Stimulants	15	11	5	--	0	--
Club drugs†	--	--	0	0	0	--
Hallucinogens††	0	--	0	0	0	--
Inhalants	0	--	--	0	--	--
Antidepressants	21	12	--	5	5	--
Antipsychotics	--	--	0	--	--	--
Benzodiazepines	70	39	0	6	7	--
Misc. anxiolytics, sedatives, and hypnotics	7	11	0	4	--	--
Opiates/opioids	115	92	25	9	10	--
Heroin (specified)	0	--	0	0	0	--
Methadone	51	34	11	0	--	--
All other opiates/opioids	75	69	14	9	9	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	0	0	0	--	0	--
Misc. analgesics/combinations	7	8	--	--	--	--
Anticonvulsants	0	--	0	--	--	--
Muscle relaxants	14	9	0	4	0	--

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

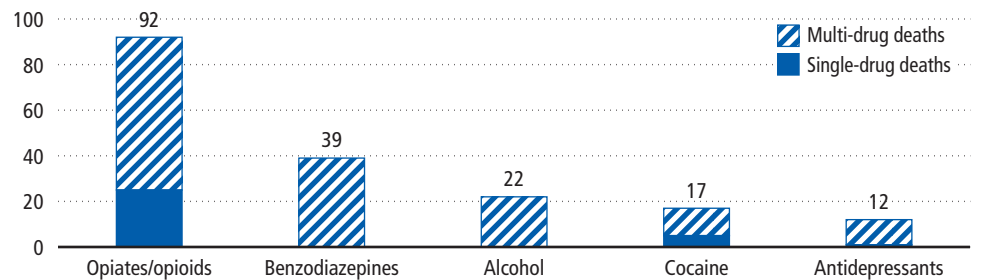
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



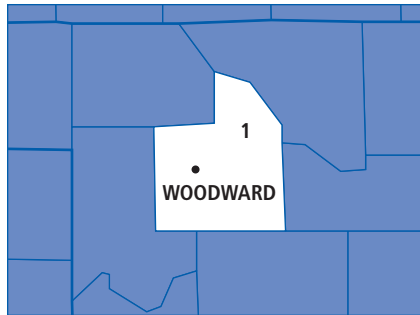
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

# Woodward, OK



<b>Deaths reported to DAWN</b>	
Drug-related.....	3
Drug-related suicide.....	0
<b>Metro area population, 2008.....</b>	
	19,838
<b>Population covered by DAWN.....</b>	
	19,838
<b>Percent of population covered by DAWN.....</b>	
	100%

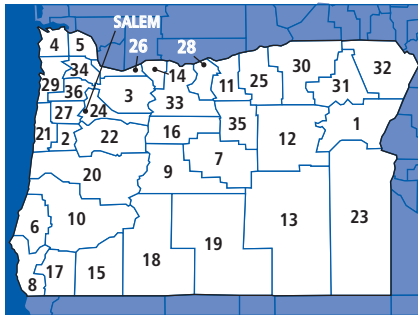
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>3</b>	<b>15.1</b>	<b>0</b>	<b>0.0</b>	<b>19,838</b>
1. Woodward County, OK	3	15.1	0	0.0	19,838

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, 2008 (08/2009 update).

# Oregon



**Deaths reported to DAWN**  
 Drug-related.....464  
 Drug-related suicide.....111

**State population, 2008**..... 3,790,060

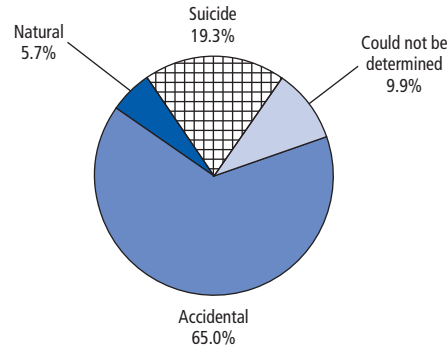
**Population covered by DAWN**..... 3,790,060

**Percent of population covered by DAWN**..... 100%

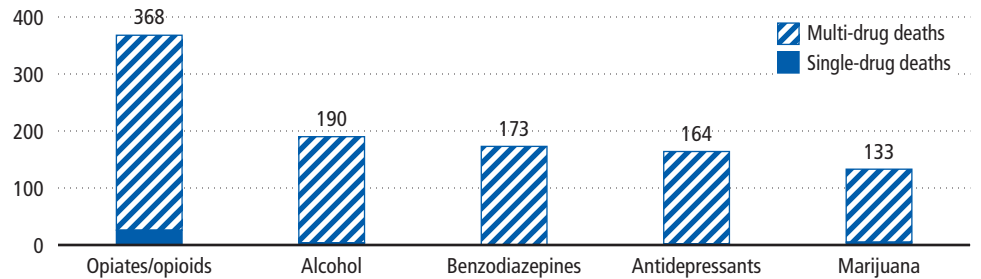
## State overview: Deaths and population by county, 2008

Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (36)</b>	<b>464</b>	<b>12.2</b>	<b>111</b>	<b>2.9</b>	<b>3,790,060</b>
1. Baker County	3	18.8	1	6.3	15,983
2. Benton County	3	3.7	1	1.2	81,859
3. Clackamas County	25	6.6	14	3.7	380,576
4. Clatsop County	4	10.7	2	5.3	37,404
5. Columbia County	3	6.1	0	0.0	49,408
6. Coos County	2	3.2	1	1.6	63,453
7. Crook County	2	8.7	0	0.0	23,023
8. Curry County	1	4.6	0	0.0	21,523
9. Deschutes County	22	13.9	7	4.4	158,456
10. Douglas County	7	6.7	0	0.0	104,059
11. Gilliam County	0	0.0	0	0.0	1,747
12. Grant County	1	14.5	0	0.0	6,916
13. Harney County	0	0.0	0	0.0	6,747
14. Hood River County	3	13.9	0	0.0	21,536
15. Jackson County	31	15.4	12	6.0	201,138
16. Jefferson County	0	0.0	0	0.0	20,512
17. Josephine County	4	4.9	0	0.0	81,618
18. Klamath County	9	13.5	2	3.0	66,425
19. Lake County	2	27.6	0	0.0	7,239
20. Lane County	50	14.4	15	4.3	346,560
21. Lincoln County	9	19.6	3	6.5	45,946
22. Linn County	6	5.2	0	0.0	115,348
23. Malheur County	3	9.7	0	0.0	30,907
24. Marion County	33	10.5	3	1.0	314,606
25. Morrow County	0	0.0	1	9.0	11,140
26. Multnomah County	180	25.2	32	4.5	714,567
27. Polk County	8	10.4	0	0.0	77,074
28. Sherman County	0	0.0	0	0.0	1,638
29. Tillamook County	6	24.1	0	0.0	24,927
30. Umatilla County	7	9.5	4	5.4	73,526
31. Union County	0	0.0	1	4.0	24,961
32. Wallowa County	1	14.8	0	0.0	6,760
33. Wasco County	5	21.0	0	0.0	23,775
34. Washington County	26	4.9	11	2.1	529,216
35. Wheeler County	0	0.0	0	0.0	1,319
36. Yamhill County	8	8.1	1	1.0	98,168

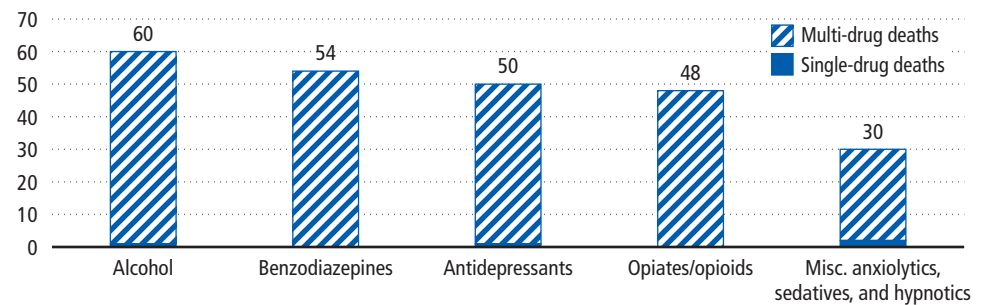
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

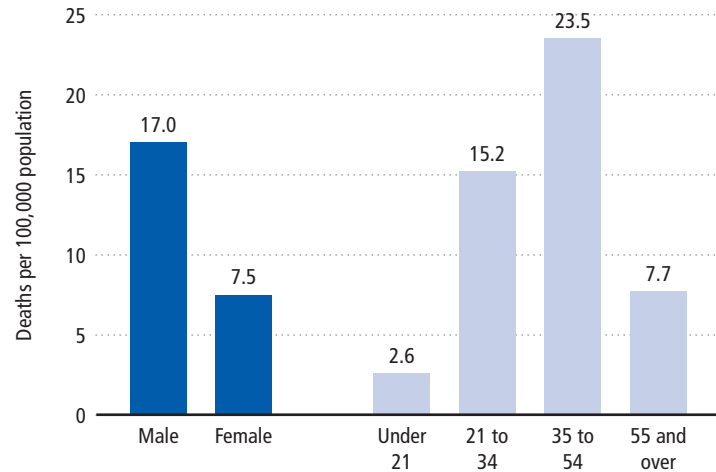


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

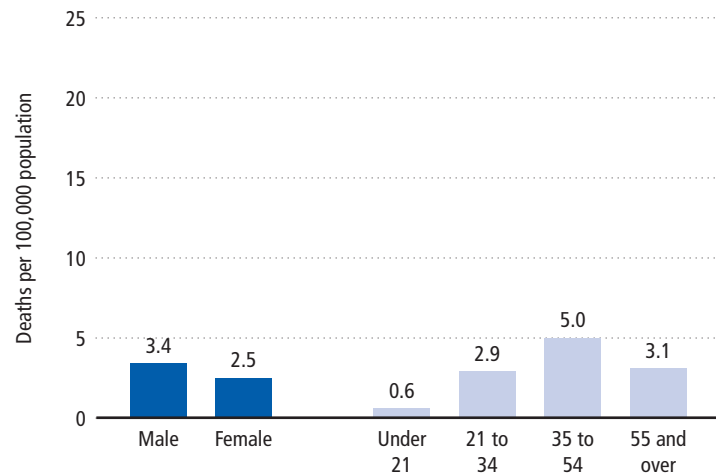
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Oregon

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	85	Health care facility	13
Home	228	Home	76
Public place	11	Public place	--
Other	140	Other	20
Not documented	0	Not documented	0

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>379</b>	<b>464</b>	<b>43</b>	<b>110</b>	<b>111</b>	<b>7</b>
Alcohol*	145	190	4	44	60	--
Cocaine	68	63	--	4	--	0
Marijuana	66	133	5	12	14	0
Stimulants	59	79	--	12	9	0
Club drugs†	--	4	0	--	0	0
Hallucinogens††	--	0	0	0	0	0
Inhalants	--	--	0	--	4	0
Antidepressants	102	164	--	36	50	--
Antipsychotics	15	31	0	13	18	0
Benzodiazepines	102	173	0	31	54	0
Misc. anxiolytics, sedatives, and hypnotics	41	44	0	16	30	--
Opiates/opioids	290	368	26	41	48	0
Heroin (specified)	101	142	18	--	--	0
Methadone	110	143	6	6	9	0
All other opiates/opioids	132	166	--	35	39	0
Nonsteroidal anti-inflammatory agents	--	5	0	0	6	0
Salicylates/combinations	0	--	0	--	0	0
Misc. analgesics/combinations	15	26	0	6	19	--
Anticonvulsants	19	14	0	--	13	--
Muscle relaxants	21	43	0	7	15	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, 2008 (08/2009 update).

# Albany-Lebanon, OR



Deaths reported to DAWN

Drug-related.....	6
Drug-related suicide.....	0

Metro area population, 2008 ..... 115,348

Population covered by DAWN ..... 115,348

Percent of population covered by DAWN ..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>6</b>	<b>5.2</b>	<b>0</b>	<b>0.0</b>	<b>115,348</b>
1. Linn County, OR	6	5.2	0	0.0	115,348

# Astoria, OR



Deaths reported to DAWN

Drug-related.....	4
Drug-related suicide.....	2

Metro area population, 2008 ..... 37,404

Population covered by DAWN ..... 37,404

Percent of population covered by DAWN ..... 100%

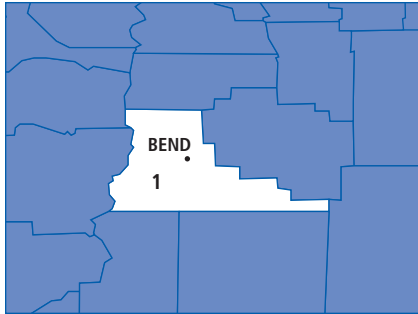
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>4</b>	<b>10.7</b>	<b>2</b>	<b>5.3</b>	<b>37,404</b>
1. Clatsop County, OR	4	10.7	2	5.3	37,404

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, 2008 (08/2009 update).

# Bend, OR



**Deaths reported to DAWN**  
 Drug-related.....22  
 Drug-related suicide.....7

**Metro area population, 2008** ..... 158,456

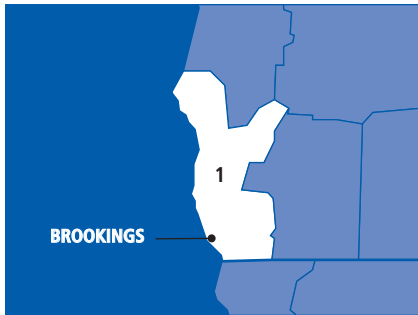
**Population covered by DAWN** ..... 158,456

**Percent of population covered by DAWN** ..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>22</b>	<b>13.9</b>	<b>7</b>	<b>4.4</b>	<b>158,456</b>
1. Deschutes County, OR	22	13.9	7	4.4	158,456

# Brookings, OR



**Deaths reported to DAWN**  
 Drug-related.....1  
 Drug-related suicide.....0

**Metro area population, 2008** ..... 21,523

**Population covered by DAWN** ..... 21,523

**Percent of population covered by DAWN** ..... 100%

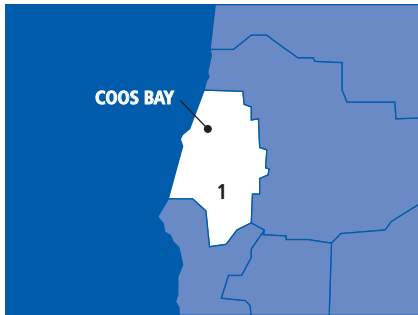
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>1</b>	<b>4.6</b>	<b>0</b>	<b>0.0</b>	<b>21,523</b>
1. Curry County, OR	1	4.6	0	0.0	21,523

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, 2008 (08/2009 update).

# Coos Bay, OR



Deaths reported to DAWN

Drug-related.....	2
Drug-related suicide.....	1

Metro area population, 2008..... 63,453

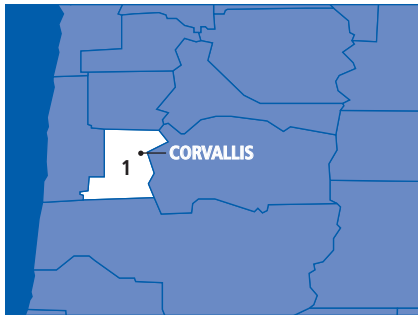
Population covered by DAWN..... 63,453

Percent of population covered by DAWN..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>2</b>	<b>3.2</b>	<b>1</b>	<b>1.6</b>	<b>63,453</b>
1. Coos County, OR	2	3.2	1	1.6	63,453

# Corvallis, OR



Deaths reported to DAWN

Drug-related.....	3
Drug-related suicide.....	1

Metro area population, 2008..... 81,859

Population covered by DAWN..... 81,859

Percent of population covered by DAWN..... 100%

## Metro area overview: Deaths and population by county, 2008

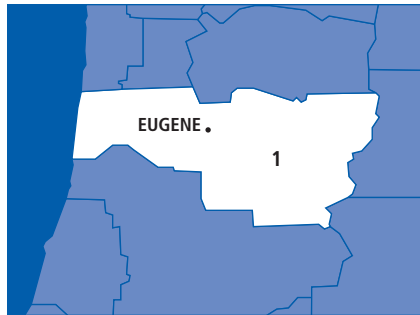
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>3</b>	<b>3.7</b>	<b>1</b>	<b>1.2</b>	<b>81,859</b>
1. Benton County, OR	3	3.7	1	1.2	81,859

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, 2008 (08/2009 update).



# Eugene-Springfield, OR



Deaths reported to DAWN  
 Drug-related.....50  
 Drug-related suicide.....15

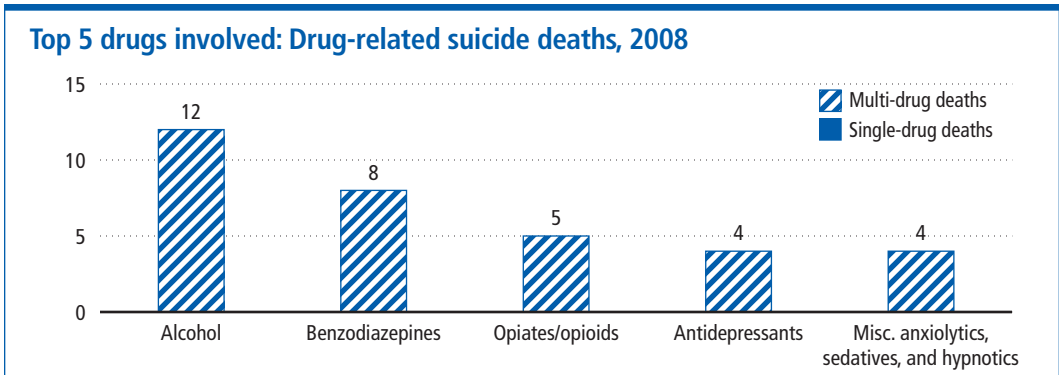
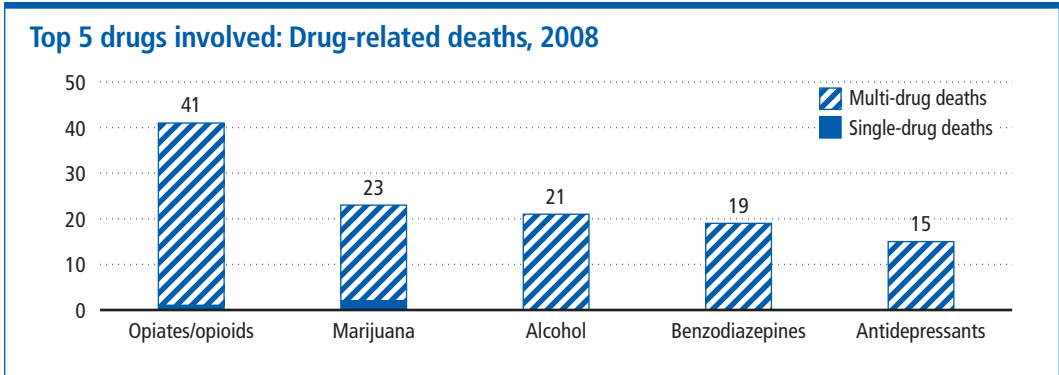
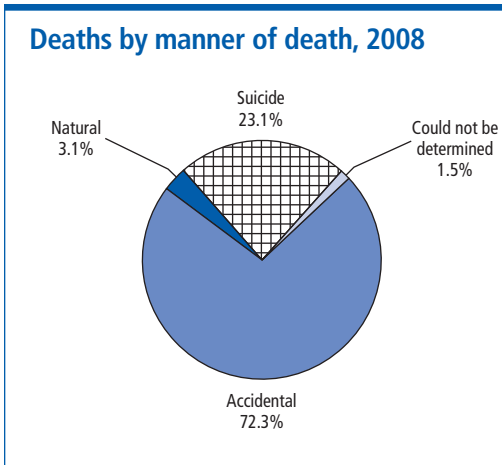
Metro area  
 population, 2008..... 346,560

Population  
 covered by DAWN..... 346,560

Percent of population  
 covered by DAWN..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	50	14.4	15	4.3	346,560
1. Lane County, OR	50	14.4	15	4.3	346,560

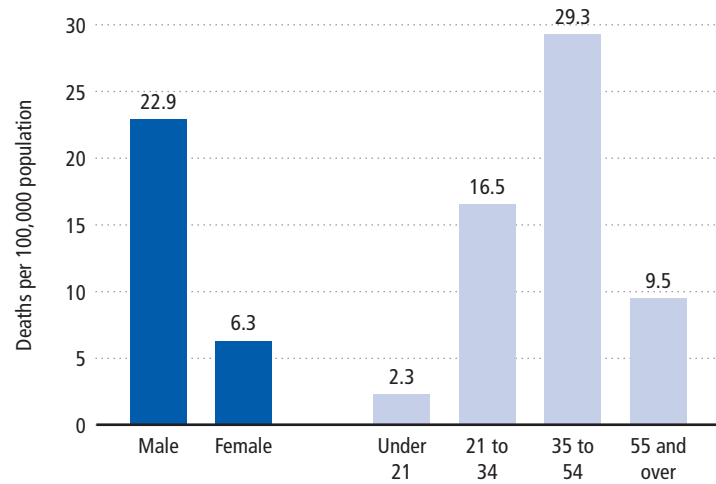


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

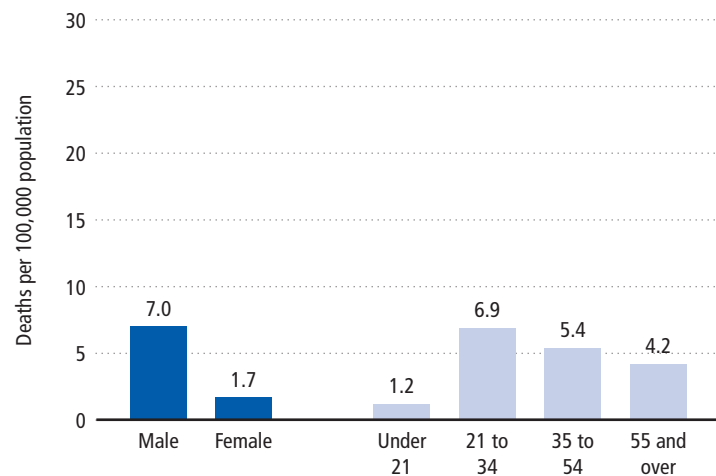
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Eugene-Springfield, OR

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	7	Health care facility	0
Home	27	Home	13
Public place	0	Public place	0
Other	16	Other	--
Not documented	0	Not documented	0

**Drug-related deaths by drug category, 2007-2008**

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>33</b>	<b>50</b>	<b>4</b>	<b>5</b>	<b>15</b>	<b>0</b>
Alcohol*	15	21	0	--	12	
Cocaine	4	5	0	0	0	
Marijuana	13	23	--	0	--	
Stimulants	10	11	--	0	--	
Club drugs†	0	--	0	0	0	
Hallucinogens††	0	0	0	0	0	
Inhalants	0	0	0	0	--	
Antidepressants	8	15	0	--	4	
Antipsychotics	--	--	0	--	0	
Benzodiazepines	8	19	0	--	8	
Misc. anxiolytics, sedatives, and hypnotics	5	--	0	--	4	
Opiates/opioids	24	41	--	0	5	
Heroin (specified)	8	18	--	0	0	
Methadone	12	22	0	0	--	
All other opiates/opioids	10	14	0	0	4	
Nonsteroidal anti-inflammatory agents	0	--	0	0	--	
Salicylates/combinations	0	0	0	0	0	
Misc. analgesics/combinations	--	--	0	0	--	
Anticonvulsants	--	0	0	--	--	
Muscle relaxants	--	6	0	0	--	

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

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, 2008 (08/2009 update).

# Grants Pass, OR



**Deaths reported to DAWN**  
 Drug-related.....4  
 Drug-related suicide.....0

**Metro area population, 2008** ..... 81,618

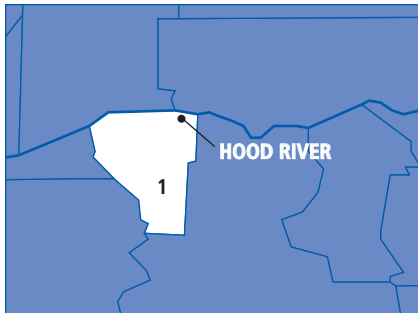
**Population covered by DAWN** ..... 81,618

**Percent of population covered by DAWN** ..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>4</b>	<b>4.9</b>	<b>0</b>	<b>0.0</b>	<b>81,618</b>
1. Josephine County, OR	4	4.9	0	0.0	81,618

# Hood River, OR



**Deaths reported to DAWN**  
 Drug-related.....3  
 Drug-related suicide.....0

**Metro area population, 2008** ..... 21,536

**Population covered by DAWN** ..... 21,536

**Percent of population covered by DAWN** ..... 100%

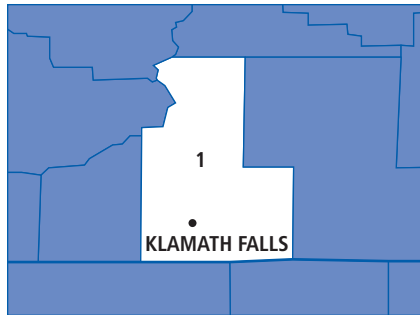
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>3</b>	<b>13.9</b>	<b>0</b>	<b>0.0</b>	<b>21,536</b>
1. Hood River County, OR	3	13.9	0	0.0	21,536

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, 2008 (08/2009 update).

# Klamath Falls, OR



Deaths reported to DAWN

Drug-related.....	9
Drug-related suicide.....	2

Metro area population, 2008..... 66,425

Population covered by DAWN..... 66,425

Percent of population covered by DAWN..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	9	13.5	2	3.0	66,425
1. Klamath County, OR	9	13.5	2	3.0	66,425

# La Grande, OR



Deaths reported to DAWN

Drug-related.....	0
Drug-related suicide.....	1

Metro area population, 2008..... 24,961

Population covered by DAWN..... 24,961

Percent of population covered by DAWN..... 100%

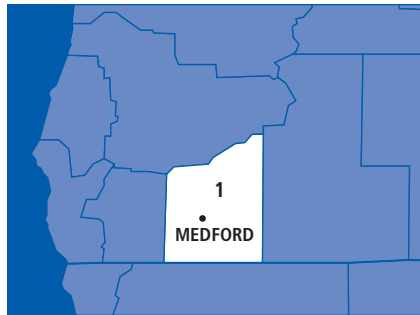
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
Total participating (1)	0	0.0	1	4.0	24,961
1. Union County, OR	0	0.0	1	4.0	24,961

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, 2008 (08/2009 update).

# Medford, OR



**Deaths reported to DAWN**

Drug-related.....	31
Drug-related suicide.....	12

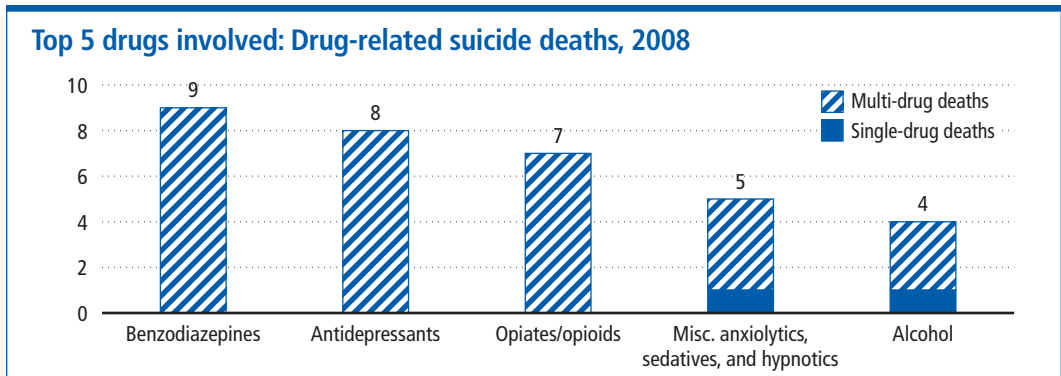
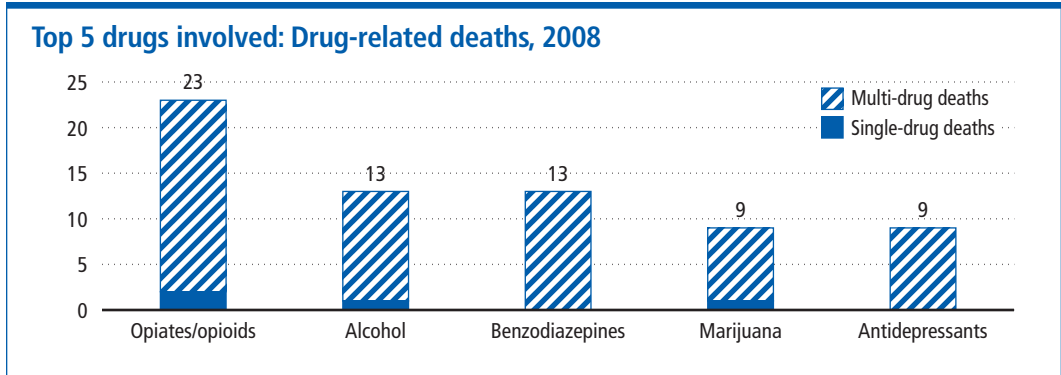
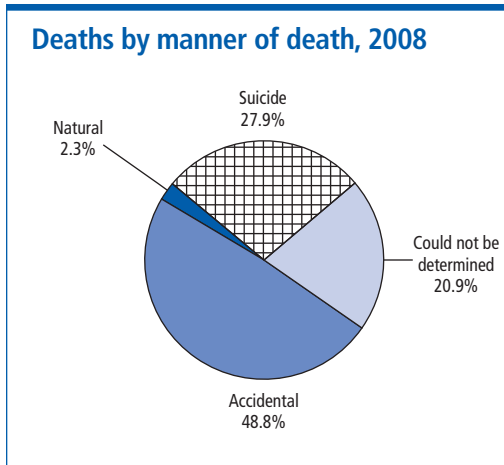
**Metro area population, 2008**..... 201,138

**Population covered by DAWN**..... 201,138

**Percent of population covered by DAWN**..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>31</b>	<b>15.4</b>	<b>12</b>	<b>6.0</b>	<b>201,138</b>
1. Jackson County, OR	31	15.4	12	6.0	201,138

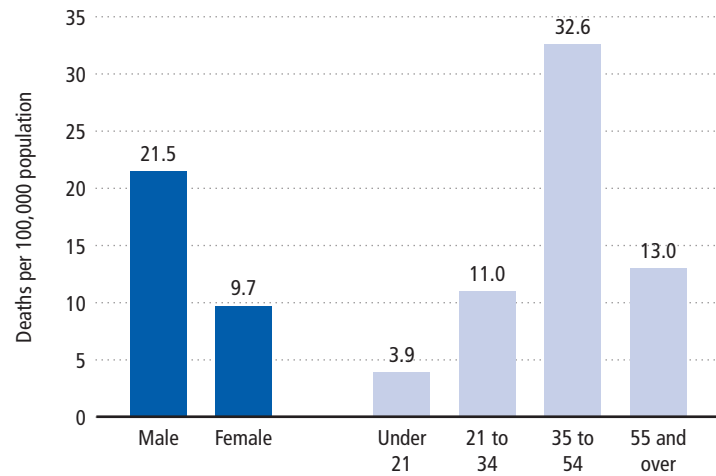


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

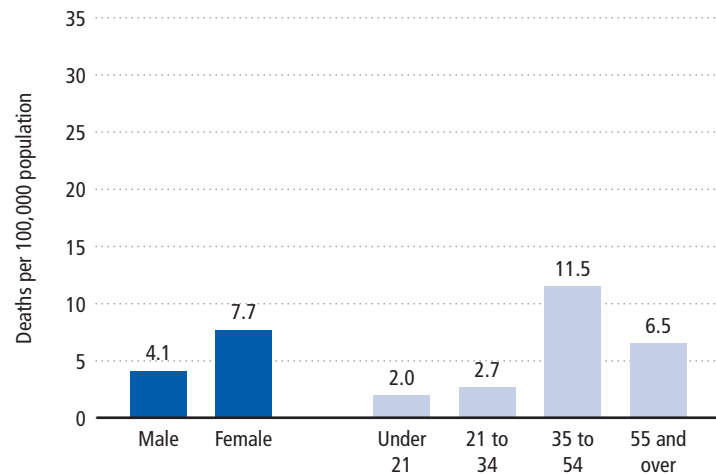
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Medford, OR

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	--	Health care facility	--
Home	19	Home	9
Public place	--	Public place	0
Other	7	Other	--
Not documented	0	Not documented	0

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>24</b>	<b>31</b>	<b>4</b>	<b>15</b>	<b>12</b>	<b>--</b>
Alcohol*	12	13	--	4	4	--
Cocaine	--	--	0	--	0	--
Marijuana	6	9	--	--	--	--
Stimulants	--	--	0	--	0	--
Club drugs†	0	0	0	0	0	--
Hallucinogens††	0	0	0	0	0	--
Inhalants	--	0	0	0	0	--
Antidepressants	8	9	0	--	8	--
Antipsychotics	--	--	0	--	--	--
Benzodiazepines	7	13	0	4	9	--
Misc. anxiolytics, sedatives, and hypnotics	--	8	0	--	5	--
Opiates/opioids	14	23	--	5	7	--
Heroin (specified)	0	5	--	--	0	--
Methadone	5	9	0	0	--	--
All other opiates/opioids	9	14	--	4	6	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	--	--
Salicylates/combinations	0	0	0	0	0	--
Misc. analgesics/combinations	0	--	0	0	--	--
Anticonvulsants	--	0	0	0	--	--
Muscle relaxants	--	5	0	--	0	--

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

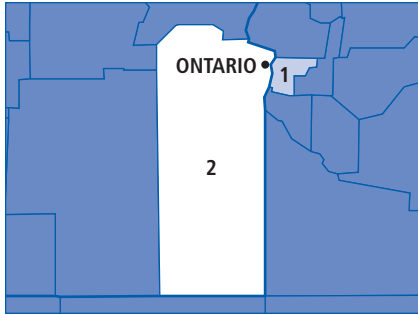
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

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, 2008 (08/2009 update).

# Ontario, OR-ID



**Deaths reported to DAWN**

Drug-related.....	3
Drug-related suicide.....	0

**Metro area population, 2008** ..... 53,873

**Population covered by DAWN** ..... 30,907

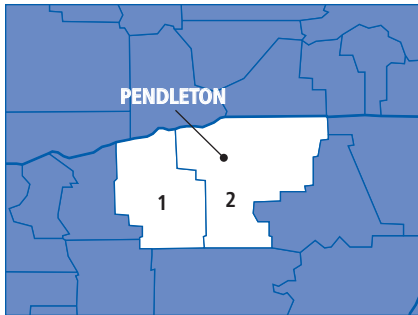
**Percent of population covered by DAWN** ..... 57%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>3</b>	<b>9.7</b>	<b>0</b>	<b>0.0</b>	<b>30,907</b>
1. Payette County, ID					22,966
2. Malheur County, OR	3	9.7	0	0.0	30,907

Shaded areas did not participate in DAWN this year.

# Pendleton-Hermiston, OR



**Deaths reported to DAWN**

Drug-related.....	7
Drug-related suicide.....	5

**Metro area population, 2008** ..... 84,666

**Population covered by DAWN** ..... 84,666

**Percent of population covered by DAWN** ..... 100%

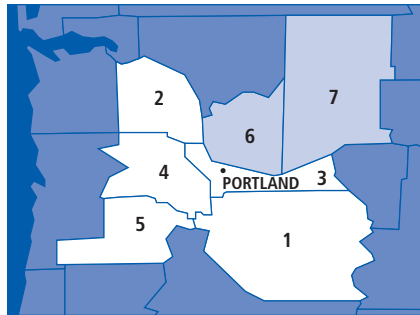
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (2)</b>	<b>7</b>	<b>8.3</b>	<b>5</b>	<b>5.9</b>	<b>84,666</b>
1. Morrow County, OR	0	0.0	1	9.0	11,140
2. Umatilla County, OR	7	9.5	4	5.4	73,526

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, 2008 (08/2009 update).

# Portland-Vancouver-Beaverton, OR-WA



Deaths reported to DAWN  
 Drug-related.....242  
 Drug-related suicide.....58

Metro area  
 population, 2008..... 2,207,462

Population  
 covered by DAWN..... 1,771,935

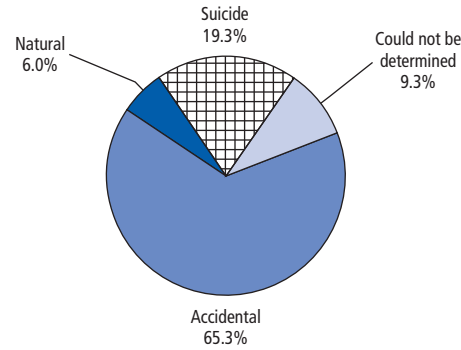
Percent of population  
 covered by DAWN..... 80%

## Metro area overview: Deaths and population by county, 2008

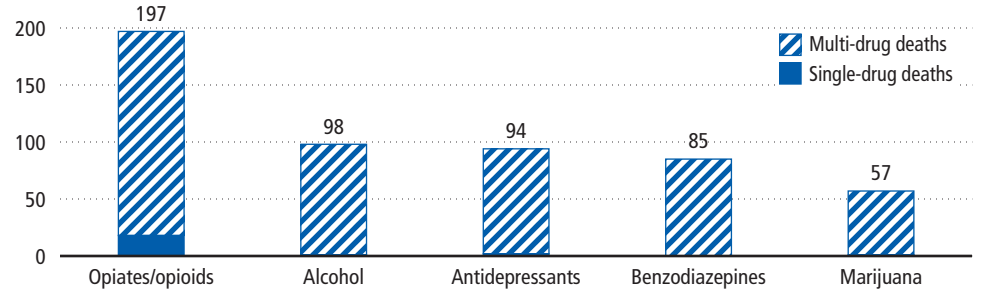
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (5)</b>	<b>242</b>	<b>13.7</b>	<b>58</b>	<b>3.3</b>	<b>1,771,935</b>
1. Clackamas County, OR	25	6.6	14	3.7	380,576
2. Columbia County, OR	3	6.1	0	0.0	49,408
3. Multnomah County, OR	180	25.2	32	4.5	714,567
4. Washington County, OR	26	4.9	11	2.1	529,216
5. Yamhill County, OR	8	8.1	1	1.0	98,168
6. Clark County, WA					424,733
7. Skamania County, WA					10,794

Shaded areas did not participate in DAWN this year.

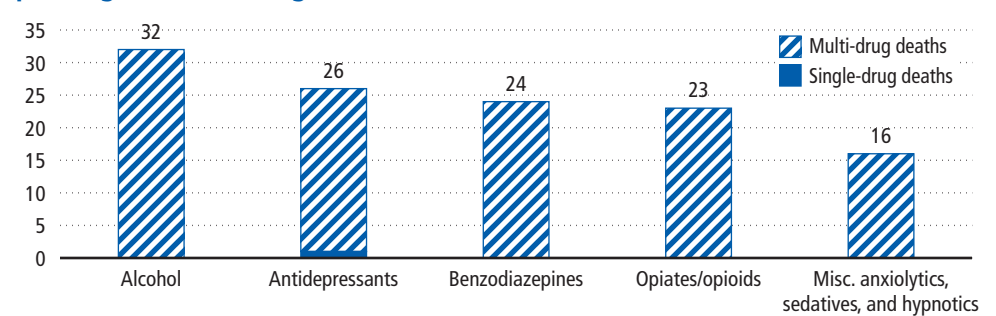
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008



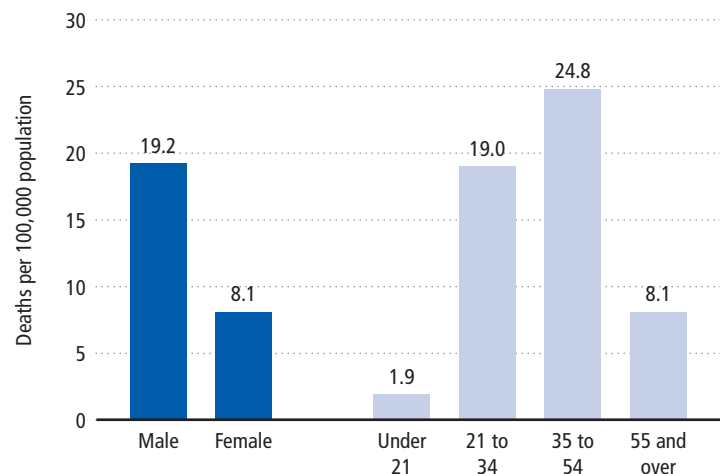
NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

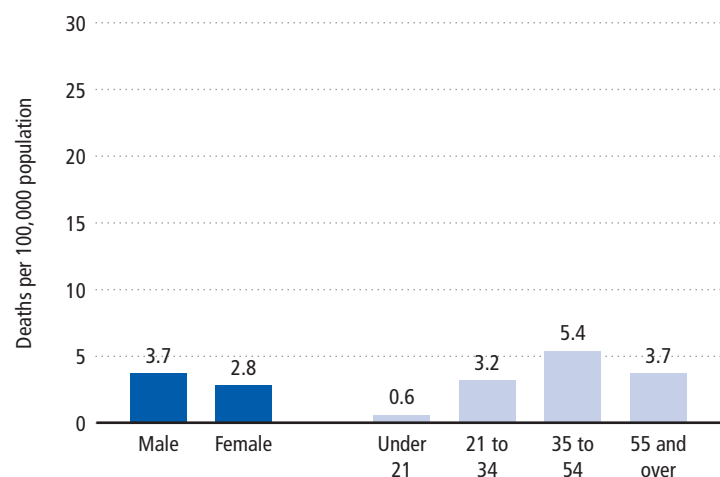


# Portland-Vancouver-Beaverton, OR-WA

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	47	Health care facility	11
Home	118	Home	37
Public place	5	Public place	--
Other	72	Other	8
Not documented	0	Not documented	0

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>202</b>	<b>242</b>	<b>26</b>	<b>42</b>	<b>58</b>	<b>4</b>
Alcohol*	69	98	--	12	32	0
Cocaine	55	54	--	--	0	0
Marijuana	25	57	--	5	7	0
Stimulants	24	41	0	--	--	0
Club drugs†	--	--	0	--	0	0
Hallucinogens††	--	0	0	0	0	0
Inhalants	0	--	0	--	--	0
Antidepressants	47	94	--	17	26	--
Antipsychotics	--	16	0	6	11	0
Benzodiazepines	45	85	0	13	24	0
Misc. anxiolytics, sedatives, and hypnotics	15	21	0	4	16	0
Opiates/opioids	160	197	18	16	23	0
Heroin (specified)	76	100	15	--	--	0
Methadone	48	59	--	--	6	0
All other opiates/opioids	70	75	--	14	18	0
Nonsteroidal anti-inflammatory agents	--	0	0	0	--	0
Salicylates/combinations	0	0	0	--	0	0
Misc. analgesics/combinations	5	8	0	4	10	--
Anticonvulsants	6	6	0	--	6	--
Muscle relaxants	5	11	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.

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, 2008 (08/2009 update).

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



## Multnomah County, OR: Deaths and population, 2008

**Deaths reported to DAWN**

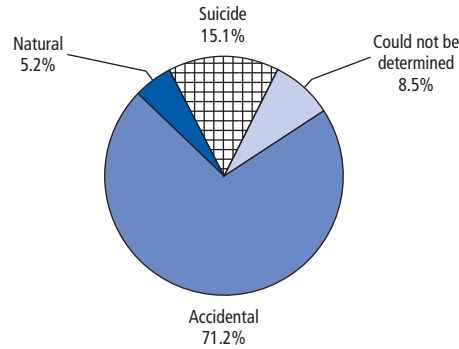
Drug-related..... 180  
 Drug-related suicide..... 32

**Population** ..... 714,567

**Deaths per 100,000 population**

Drug-related..... 25.2  
 Drug-related suicide..... 4.5

## Deaths by manner of death, 2008



## Place of death, 2008

Drug-related	Deaths
Health care facility	36
Home	84
Public place	5
Other	55
Not documented	0

Drug-related suicide	Deaths
Health care facility	8
Home	18
Public place	--
Other	5
Not documented	0

## Drug-related deaths by drug category, 2007-2008

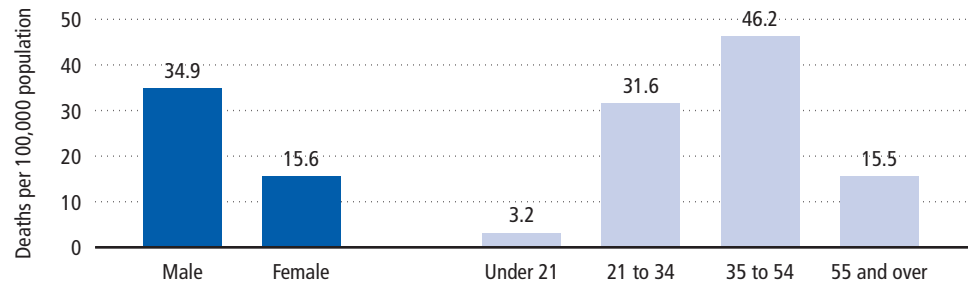
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>161</b>	<b>180</b>	<b>18</b>	<b>23</b>	<b>32</b>	<b>4</b>
Alcohol*	61	77	--	8	17	0
Cocaine	48	46	--	--	0	0
Marijuana	20	45	0	--	--	0
Stimulants	19	28	0	--	--	0
Club drugs†	--	--	0	--	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	0	0	0	--	--	0
Antidepressants	42	67	0	10	11	--
Antipsychotics	0	12	0	--	8	0
Benzodiazepines	34	66	0	6	12	0
Misc. anxiolytics, sedatives, and hypnotics	12	16	0	--	10	0
Opiates/opioids	130	151	14	11	12	0
Heroin (specified)	67	88	12	--	--	0
Methadone	40	43	--	--	4	0
All other opiates/opioids	54	51	--	9	9	0
Nonsteroidal anti-inflammatory agents	--	0	0	0	0	0
Salicylates/combinations	0	0	0	0	0	0
Misc. analgesics/combinations	5	7	0	--	4	--
Anticonvulsants	5	6	0	0	5	--
Muscle relaxants	4	7	0	0	--	0

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

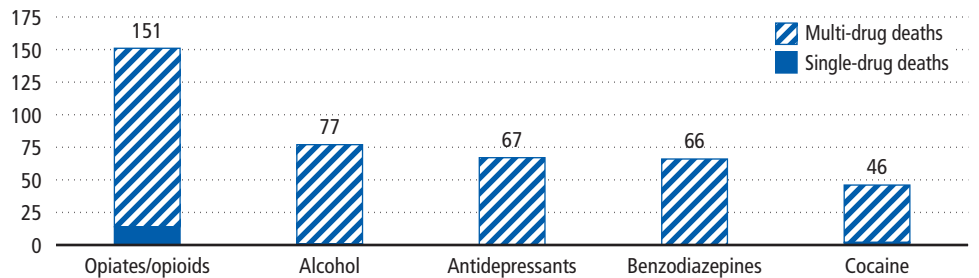
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



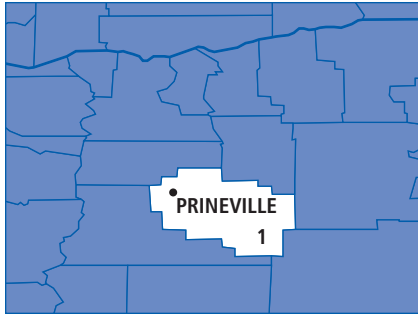
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

## Prineville, OR



<b>Deaths reported to DAWN</b>	
Drug-related.....	2
Drug-related suicide.....	0
<b>Metro area population, 2008</b> ..... 23,023	
<b>Population covered by DAWN</b> ..... 23,023	
<b>Percent of population covered by DAWN</b> ..... 100%	

### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>2</b>	<b>8.7</b>	<b>0</b>	<b>0.0</b>	<b>23,023</b>
1. Crook County, OR	2	8.7	0	0.0	23,023

## Roseburg, OR



<b>Deaths reported to DAWN</b>	
Drug-related.....	7
Drug-related suicide.....	0
<b>Metro area population, 2008</b> ..... 104,059	
<b>Population covered by DAWN</b> ..... 104,059	
<b>Percent of population covered by DAWN</b> ..... 100%	

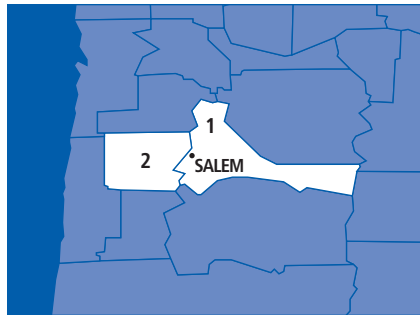
### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>7</b>	<b>6.7</b>	<b>0</b>	<b>0.0</b>	<b>104,059</b>
1. Douglas County, OR	7	6.7	0	0.0	104,059

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, 2008 (08/2009 update).

# Salem, OR



**Deaths reported to DAWN**  
 Drug-related.....41  
 Drug-related suicide.....3

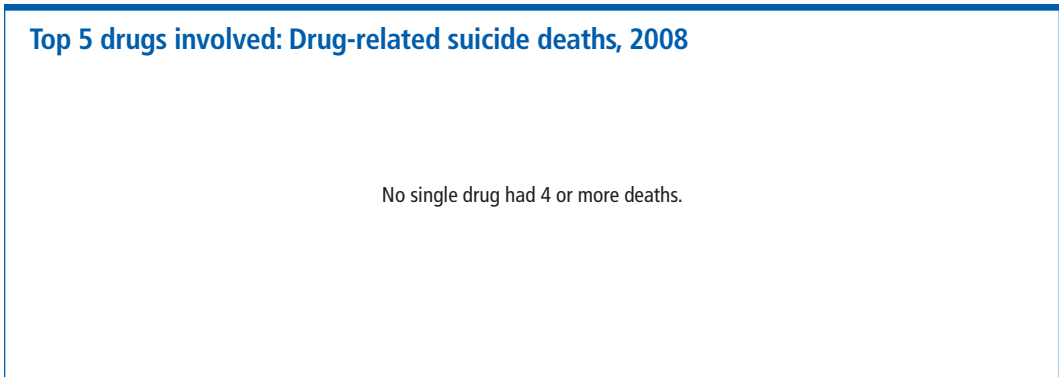
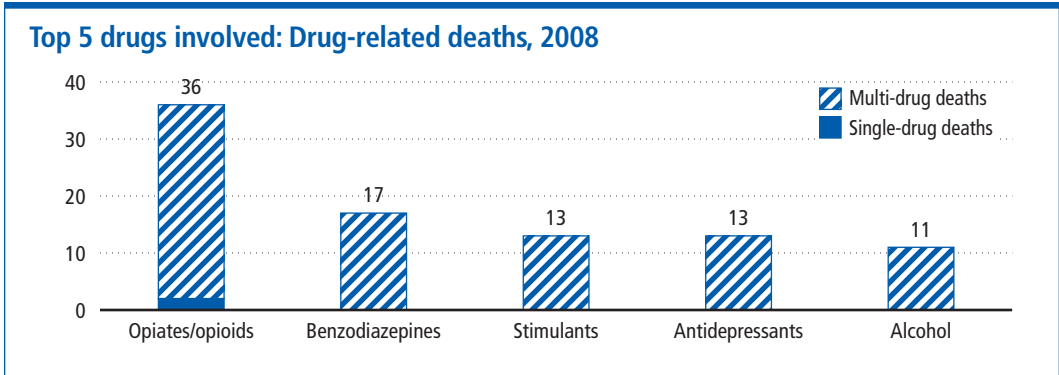
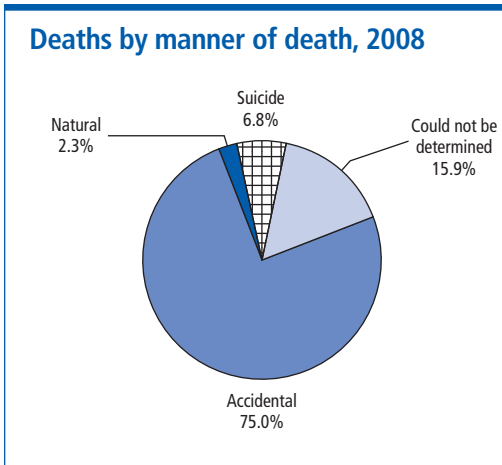
**Metro area population, 2008**..... 391,680

**Population covered by DAWN**..... 391,680

**Percent of population covered by DAWN**..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (2)</b>	<b>41</b>	<b>10.5</b>	<b>3</b>	<b>0.8</b>	<b>391,680</b>
1. Marion County, OR	33	10.5	3	1.0	314,606
2. Polk County, OR	8	10.4	0	0.0	77,074

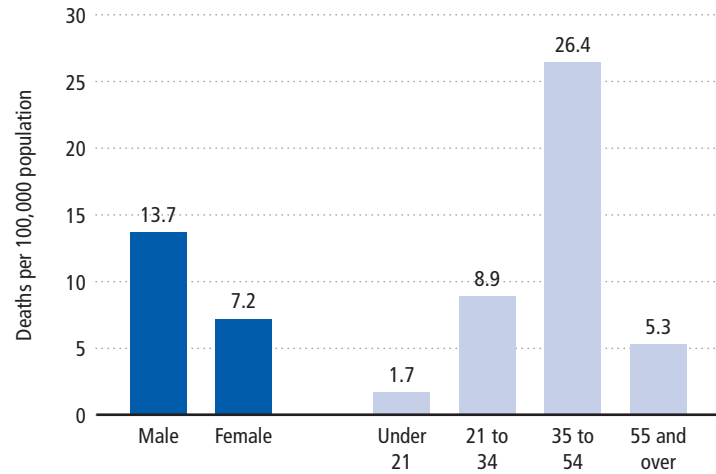


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

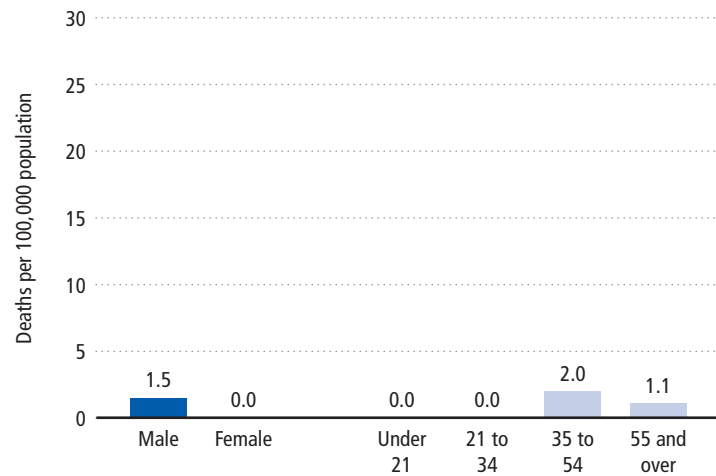
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Salem, OR

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	11	Health care facility	0
Home	17	Home	--
Public place	--	Public place	0
Other	12	Other	--
Not documented	0	Not documented	0

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>35</b>	<b>41</b>	<b>--</b>	<b>14</b>	<b>--</b>	<b>0</b>
Alcohol*	13	11	--	6	--	--
Cocaine	--	--	--	0	--	--
Marijuana	--	11	--	--	--	--
Stimulants	8	13	--	--	--	--
Club drugs†	0	0	--	0	--	--
Hallucinogens††	0	0	--	0	--	--
Inhalants	--	0	--	0	--	--
Antidepressants	12	13	--	4	--	--
Antipsychotics	--	--	--	--	--	--
Benzodiazepines	8	17	--	--	--	--
Misc. anxiolytics, sedatives, and hypnotics	--	4	--	0	--	--
Opiates/opioids	30	36	--	6	--	--
Heroin (specified)	12	14	--	0	--	--
Methadone	13	19	--	--	--	--
All other opiates/opioids	8	16	--	5	--	--
Nonsteroidal anti-inflammatory agents	0	--	--	0	--	--
Salicylates/combinations	0	0	--	0	--	--
Misc. analgesics/combinations	--	--	--	0	--	--
Anticonvulsants	0	--	--	0	--	--
Muscle relaxants	5	4	--	--	--	--

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

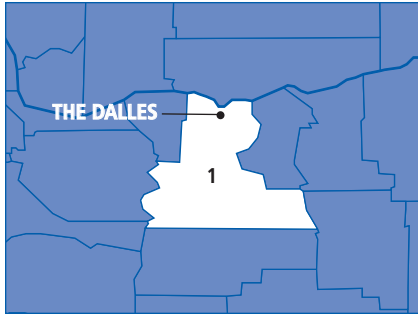
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

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, 2008 (08/2009 update).

# The Dalles, OR



<b>Deaths reported to DAWN</b>	
Drug-related.....	5
Drug-related suicide.....	0
<b>Metro area population, 2008.....</b>	
	23,775
<b>Population covered by DAWN.....</b>	
	23,775
<b>Percent of population covered by DAWN.....</b>	
	100%

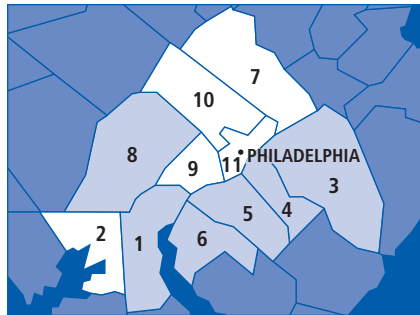
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>5</b>	<b>21.0</b>	<b>0</b>	<b>0.0</b>	<b>23,775</b>
1. Wasco County, OR	5	21.0	0	0.0	23,775

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, 2008 (08/2009 update).

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



Deaths reported to DAWN  
 Drug-related.....691  
 Drug-related suicide.....47

Metro area  
 population, 2008..... 5,838,471

Population  
 covered by DAWN..... 3,500,631

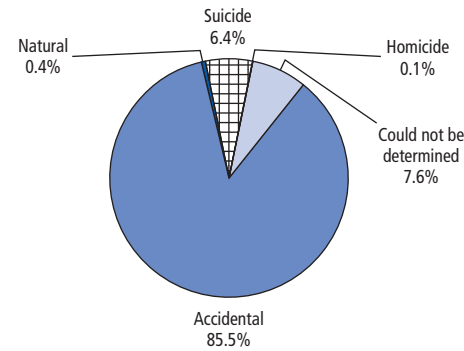
Percent of population  
 covered by DAWN..... 60%

## Metro area overview: Deaths and population by county, 2008

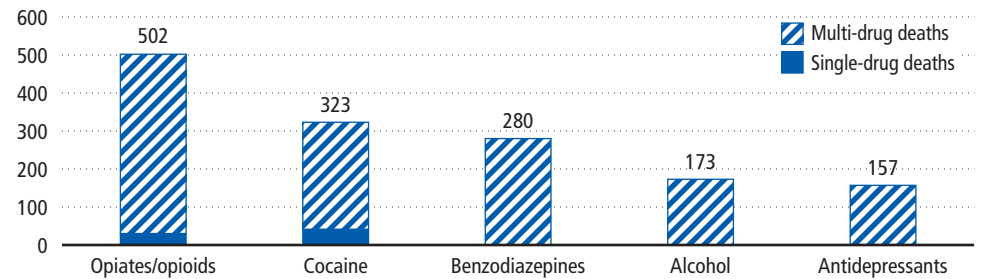
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (5)</b>	<b>691</b>	<b>19.7</b>	<b>47</b>	<b>1.3</b>	<b>3,500,631</b>
1. New Castle County, DE					529,641
2. Cecil County, MD	10	10.0	2	2.0	99,926
3. Burlington County, NJ					445,475
4. Camden County, NJ					517,234
5. Gloucester County, NJ					287,860
6. Salem County, NJ					66,141
7. Bucks County, PA	56	9.0	6	1.0	621,643
8. Chester County, PA					491,489
9. Delaware County, PA	107	19.3	13	2.3	553,619
10. Montgomery County, PA	76	9.8	11	1.4	778,048
11. Philadelphia County, PA	442	30.5	15	1.0	1,447,395

Shaded areas did not participate in DAWN this year.

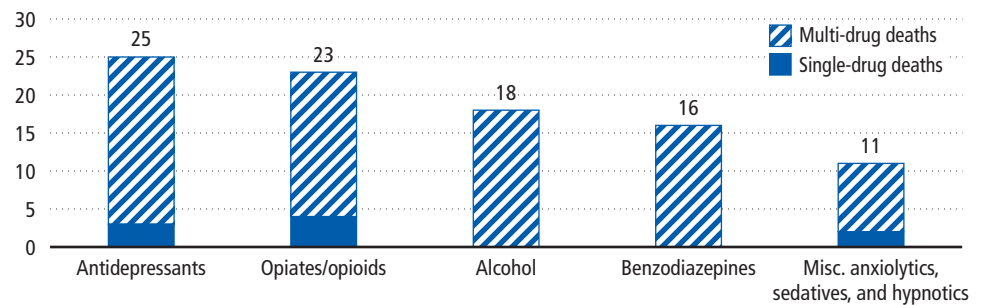
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

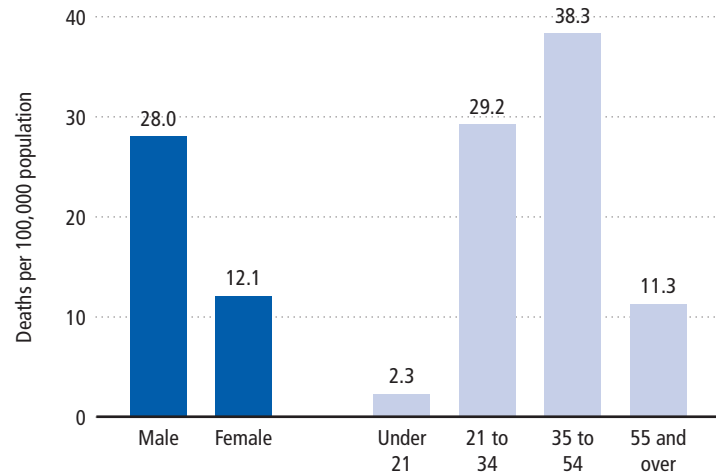


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

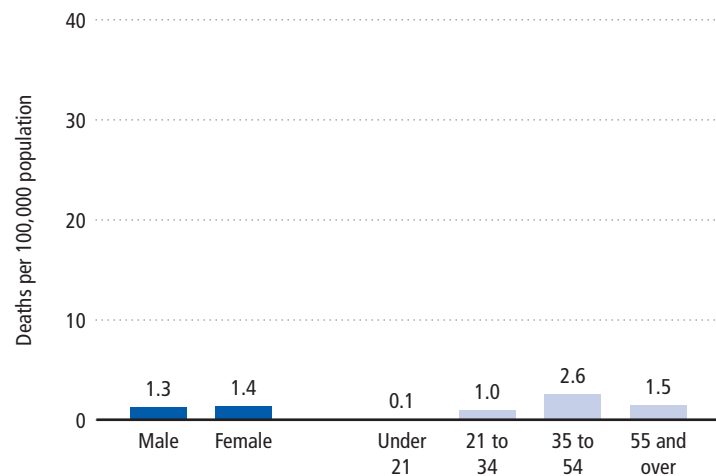
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

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

### Death rates by gender and age: Drug-related, 2008



### Death rates by gender and age: Drug-related suicide, 2008



### Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	178	Health care facility	6
Home	389	Home	33
Public place	20	Public place	--
Other	101	Other	5
Not documented	--	Not documented	0

### Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>659</b>	<b>691</b>	<b>81</b>	<b>50</b>	<b>47</b>	<b>10</b>
Alcohol*	178	173	0	22	18	0
Cocaine	357	323	41	7	4	0
Marijuana	14	15	--	--	0	0
Stimulants	16	14	--	0	--	0
Club drugs†	--	5	0	0	0	0
Hallucinogens††	23	24	--	0	0	0
Inhalants	0	--	0	4	0	0
Antidepressants	146	157	--	20	25	--
Antipsychotics	41	65	--	6	8	0
Benzodiazepines	194	280	0	17	16	0
Misc. anxiolytics, sedatives, and hypnotics	138	130	--	12	11	--
Opiates/opioids	477	502	30	19	23	4
Heroin (specified)	157	141	12	0	--	0
Methadone	142	133	8	--	0	0
All other opiates/opioids	356	393	10	18	22	4
Nonsteroidal anti-inflammatory agents	71	83	0	--	--	0
Salicylates/combinations	--	--	0	0	--	0
Misc. analgesics/combinations	36	46	--	12	9	0
Anticonvulsants	33	41	0	7	--	0
Muscle relaxants	34	44	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.

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, 2008 (08/2009 update).



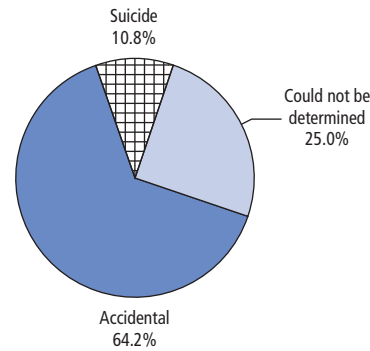
# Philadelphia-Camden-Wilmington, PA-NJ-DE-MD: Delaware County, PA



## Delaware County, PA: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	107
Drug-related suicide.....	13
<b>Population</b> .....	553,619
<b>Deaths per 100,000 population</b>	
Drug-related.....	19.3
Drug-related suicide.....	2.3

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>	<b>Deaths</b>
Health care facility	27
Home	62
Public place	--
Other	15
Not documented	0
<b>Drug-related suicide</b>	
Health care facility	--
Home	9
Public place	--
Other	--
Not documented	0

## Drug-related deaths by drug category, 2007-2008

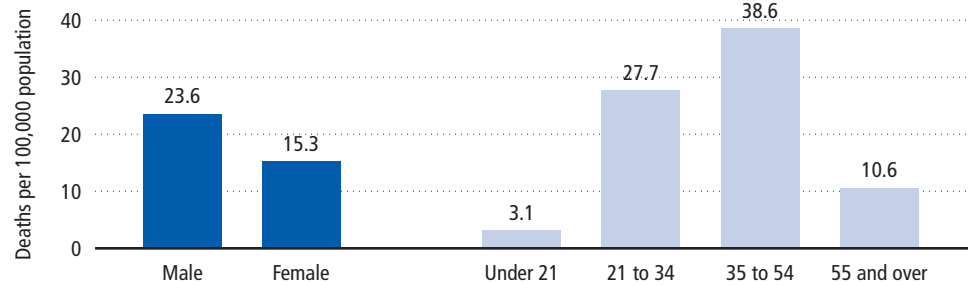
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>82</b>	<b>107</b>	<b>11</b>	<b>24</b>	<b>13</b>	<b>0</b>
Alcohol*	28	36	0	14	8	
Cocaine	39	46	4	--	--	
Marijuana	--	5	--	0	0	
Stimulants	--	--	0	0	0	
Club drugs†	--	--	0	0	0	
Hallucinogens††	4	4	0	0	0	
Inhalants	0	0	0	--	0	
Antidepressants	19	29	--	10	8	
Antipsychotics	--	10	0	--	--	
Benzodiazepines	35	51	0	11	6	
Misc. anxiolytics, sedatives, and hypnotics	5	15	0	4	--	
Opiates/opioids	63	82	4	10	5	
Heroin (specified)	13	19	--	0	0	
Methadone	22	12	0	--	0	
All other opiates/opioids	38	59	--	10	5	
Nonsteroidal anti-inflammatory agents	--	4	0	--	0	
Salicylates/combinations	0	0	0	0	0	
Misc. analgesics/combinations	6	11	--	9	4	
Anticonvulsants	--	10	0	5	--	
Muscle relaxants	0	9	0	0	--	

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

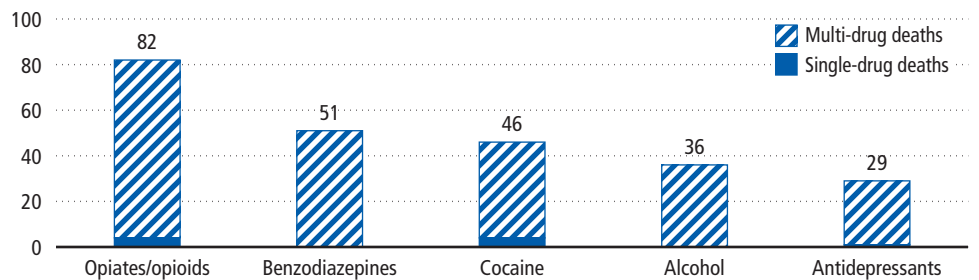
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

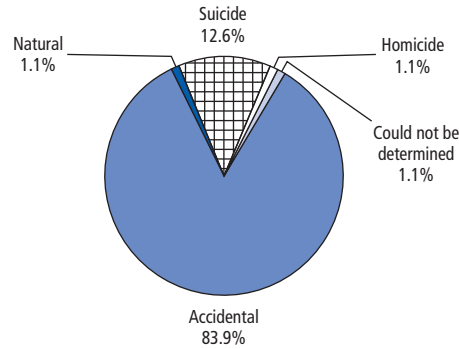
# Philadelphia-Camden-Wilmington, PA-NJ-DE-MD: Montgomery County, PA



## Montgomery County, PA: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	76
Drug-related suicide.....	11
<b>Population .....</b>	<b>778,048</b>
<b>Deaths per 100,000 population</b>	
Drug-related.....	9.8
Drug-related suicide.....	1.4

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility.....		10
Home.....		55
Public place.....		4
Other.....		6
Not documented.....		--
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility.....		--
Home.....		8
Public place.....		--
Other.....		--
Not documented.....		0

## Drug-related deaths by drug category, 2007-2008

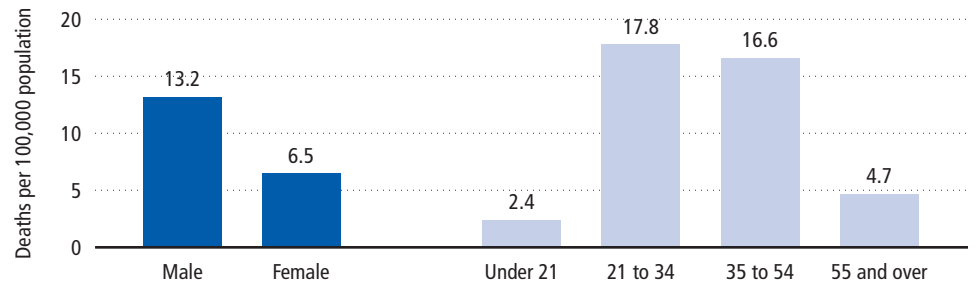
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>70</b>	<b>76</b>	<b>18</b>	<b>10</b>	<b>11</b>	<b>7</b>
Alcohol*	15	25	0	--	4	0
Cocaine	23	23	6	--	--	0
Marijuana	9	4	0	--	0	0
Stimulants	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	13	11	0	--	--	--
Antipsychotics	0	5	--	0	--	0
Benzodiazepines	21	21	0	--	--	0
Misc. anxiolytics, sedatives, and hypnotics	4	9	--	--	--	--
Opiates/opioids	52	53	8	--	6	4
Heroin (specified)	22	8	--	0	0	0
Methadone	13	12	--	0	0	0
All other opiates/opioids	23	36	--	--	6	4
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	0	0	0	0	0
Misc. analgesics/combinations	9	8	0	0	--	0
Anticonvulsants	0	--	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.

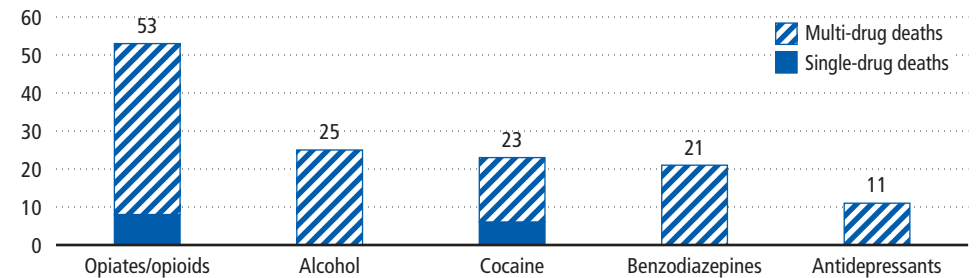
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

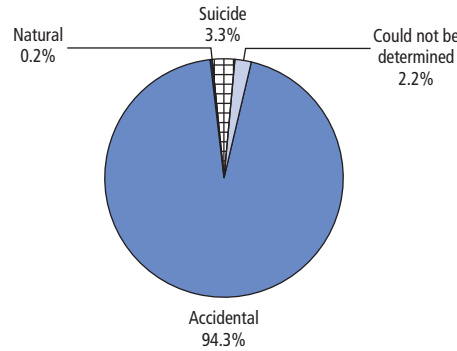
# Philadelphia-Camden-Wilmington, PA-NJ-DE-MD: Philadelphia County, PA



## Philadelphia County, PA: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	442
Drug-related suicide.....	15
<b>Population .....</b>	<b>1,447,395</b>
<b>Deaths per 100,000 population</b>	
Drug-related.....	30.5
Drug-related suicide.....	1.0

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility		131
Home		232
Public place		13
Other		64
Not documented		--
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility		--
Home		11
Public place		0
Other		--
Not documented		0

## Drug-related deaths by drug category, 2007-2008

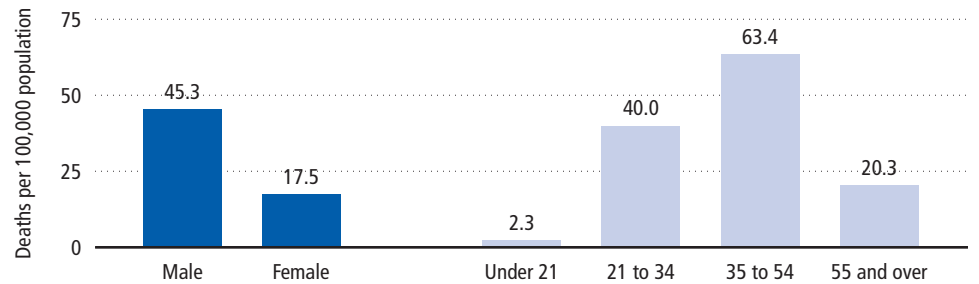
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>417</b>	<b>442</b>	<b>41</b>	<b>8</b>	<b>15</b>	<b>--</b>
Alcohol*	115	98	0	--	4	--
Cocaine	266	233	29	--	--	--
Marijuana	--	6	0	0	0	--
Stimulants	8	8	--	0	0	--
Club drugs†	--	4	0	0	0	--
Hallucinogens††	17	20	--	0	0	--
Inhalants	0	--	0	0	0	--
Antidepressants	95	109	0	--	8	--
Antipsychotics	38	48	0	0	4	--
Benzodiazepines	110	179	0	--	7	--
Misc. anxiolytics, sedatives, and hypnotics	117	97	0	5	--	--
Opiates/opioids	282	309	9	4	6	--
Heroin (specified)	105	92	--	0	--	--
Methadone	78	99	4	0	0	--
All other opiates/opioids	250	262	--	4	6	--
Nonsteroidal anti-inflammatory agents	67	79	0	--	--	--
Salicylates/combinations	0	--	0	0	--	--
Misc. analgesics/combinations	20	24	0	--	--	--
Anticonvulsants	27	29	0	0	0	--
Muscle relaxants	24	29	0	--	--	--

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

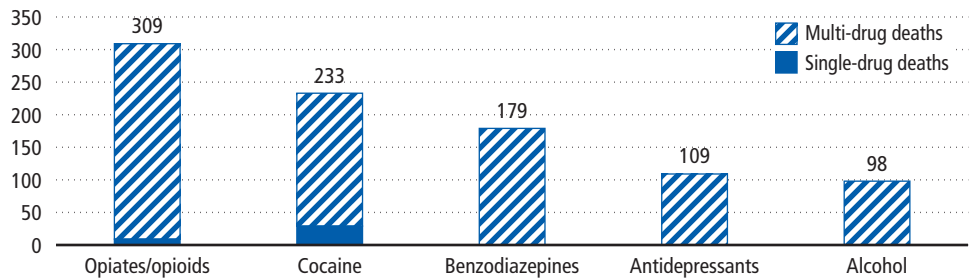
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



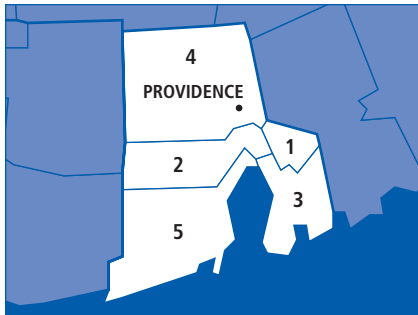
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

# Rhode Island



**Deaths reported to DAWN**  
 Drug-related.....193  
 Drug-related suicide.....34

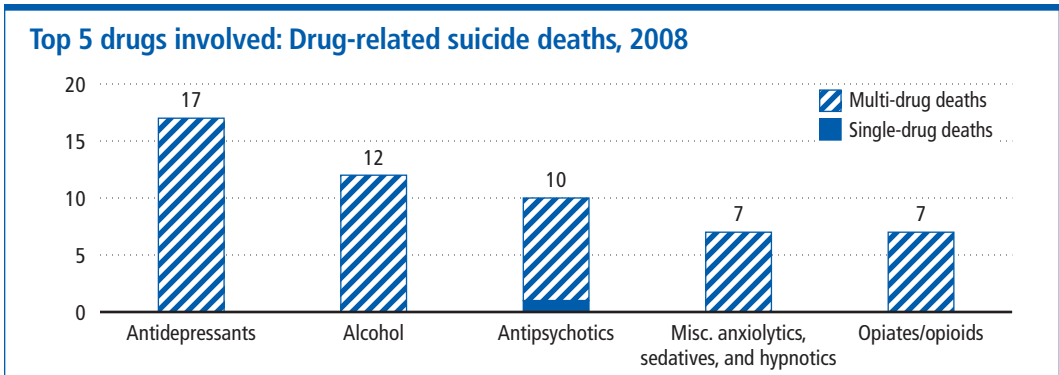
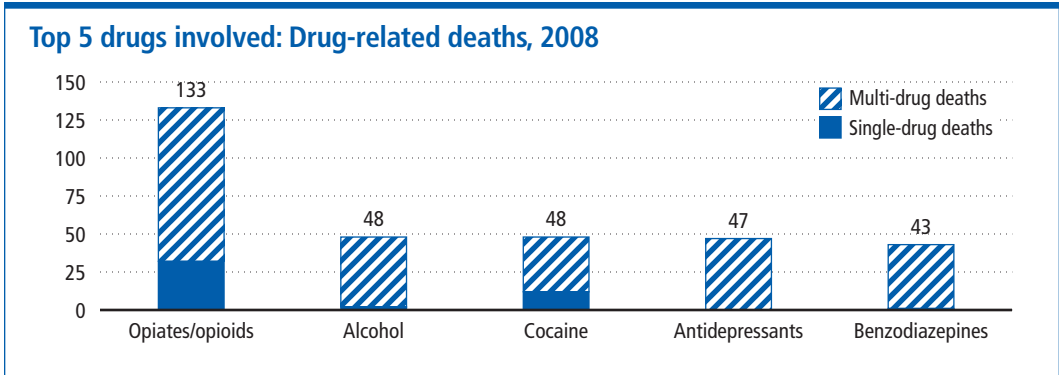
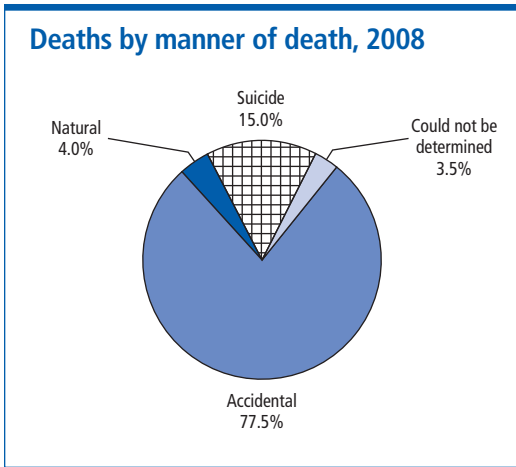
**State population, 2008**..... 1,050,788

**Population covered by DAWN**..... 1,050,788

**Percent of population covered by DAWN**..... 100%

## State overview: Deaths and population by county, 2008

Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (5)</b>	<b>193</b>	<b>18.4</b>	<b>34</b>	<b>3.2</b>	<b>1,050,788</b>
1. Bristol County	4	8.0	1	2.0	49,838
2. Kent County	35	20.8	2	1.2	168,058
3. Newport County	9	11.2	4	5.0	80,478
4. Providence County	126	20.1	23	3.7	626,150
5. Washington County	19	15.0	4	3.2	126,264

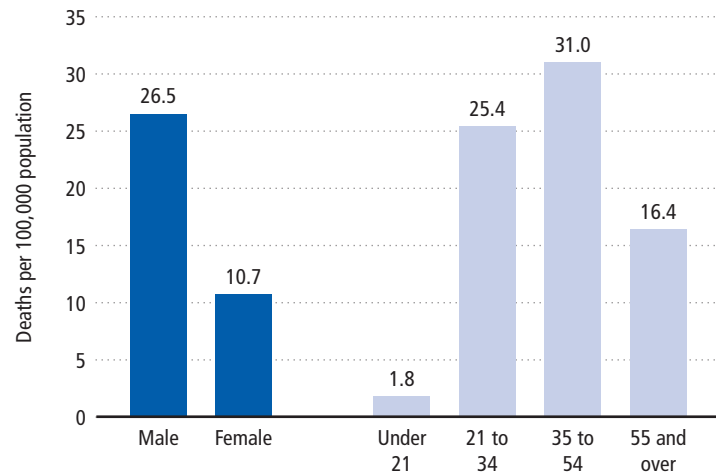


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

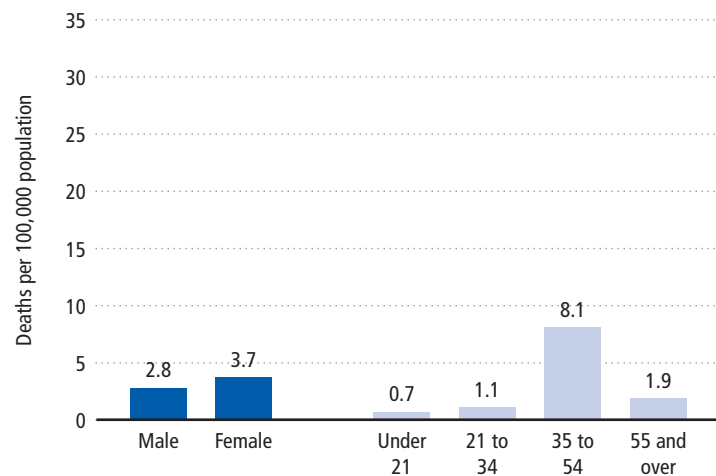
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Rhode Island

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	83	Health care facility	11
Home	88	Home	21
Public place	7	Public place	0
Other	15	Other	--
Not documented	0	Not documented	0

**Drug-related deaths by drug category, 2007-2008**

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>		<b>193</b>	<b>62</b>		<b>34</b>	<b>7</b>
Alcohol*		48	--		12	0
Cocaine		48	12		5	--
Marijuana		--	0		0	0
Stimulants		--	0		0	0
Club drugs†		0	0		0	0
Hallucinogens††		0	0		0	0
Inhalants		--	0		--	--
Antidepressants		47	0		17	0
Antipsychotics		11	--		10	--
Benzodiazepines		43	--		5	0
Misc. anxiolytics, sedatives, and hypnotics		10	0		7	0
Opiates/opioids		133	32		7	0
Heroin (specified)		10	5		0	0
Methadone		31	5		--	0
All other opiates/opioids		99	22		7	0
Nonsteroidal anti-inflammatory agents		0	0		0	0
Salicylates/combinations		--	0		0	0
Misc. analgesics/combinations		7	0		4	--
Anticonvulsants		9	0		--	0
Muscle relaxants		9	0		0	0

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

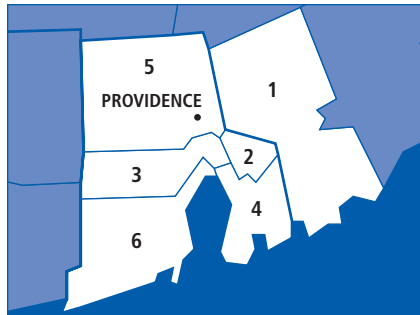
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† 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, 2008 (08/2009 update).

# Providence-New Bedford-Fall River, RI-MA

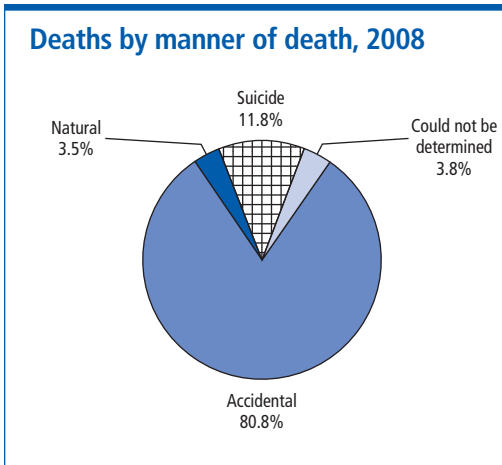


**Deaths reported to DAWN**  
 Drug-related.....299  
 Drug-related suicide.....40

**Metro area population, 2008**..... 1,596,611

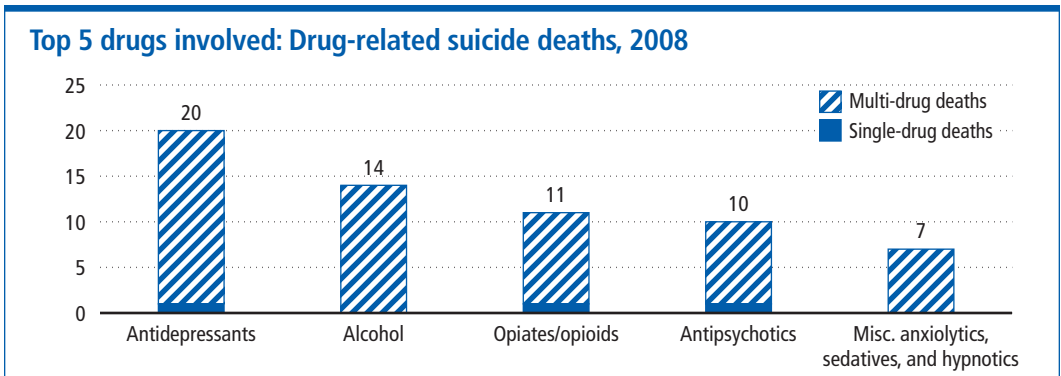
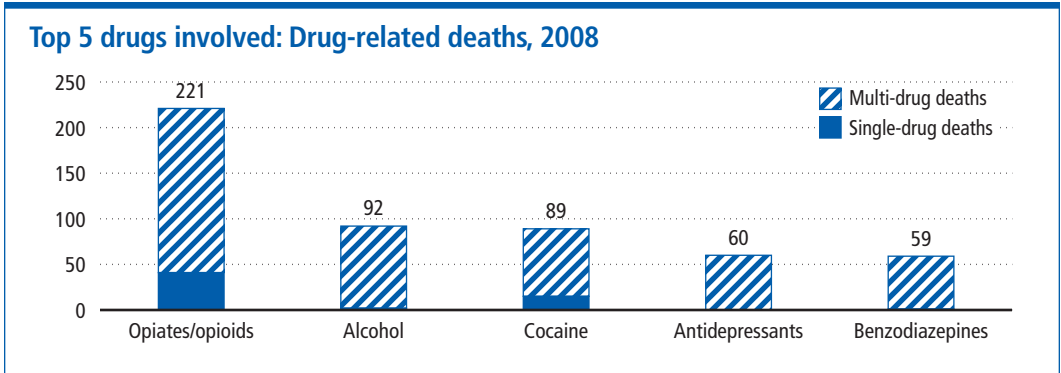
**Population covered by DAWN**..... 1,596,611

**Percent of population covered by DAWN**..... 100%



## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (6)</b>	<b>299</b>	<b>18.7</b>	<b>40</b>	<b>2.5</b>	<b>1,596,611</b>
1. Bristol County, MA	106	19.4	6	1.1	545,823
2. Bristol County, RI	4	8.0	1	2.0	49,838
3. Kent County, RI	35	20.8	2	1.2	168,058
4. Newport County, RI	9	11.2	4	5.0	80,478
5. Providence County, RI	126	20.1	23	3.7	626,150
6. Washington County, RI	19	15.0	4	3.2	126,264

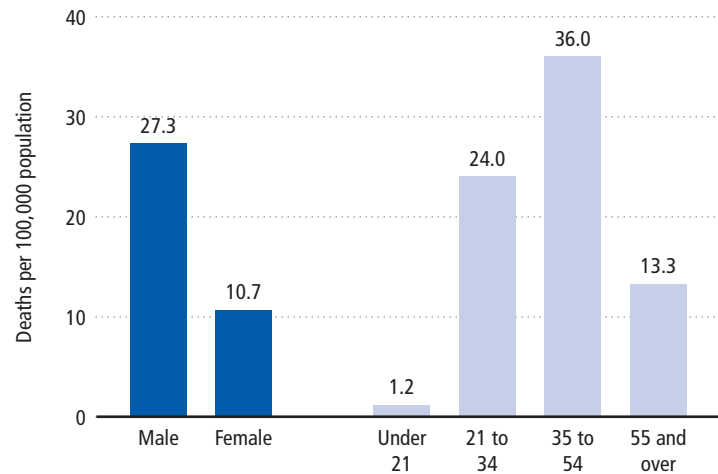


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

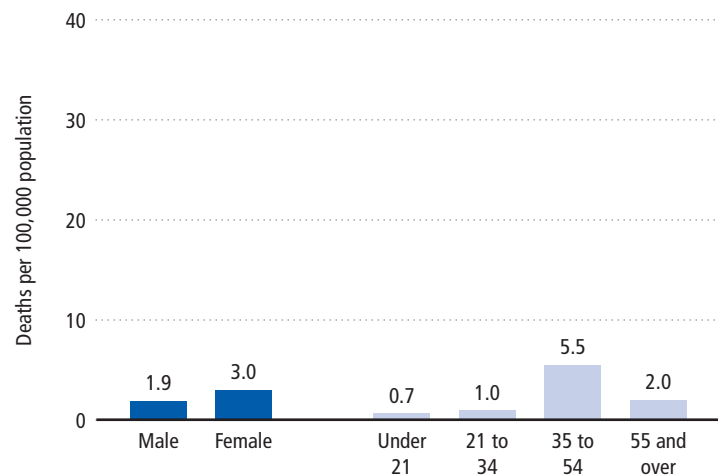
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Providence-New Bedford-Fall River, RI-MA

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	125	Health care facility	14
Home	137	Home	24
Public place	11	Public place	0
Other	24	Other	--
Not documented	--	Not documented	0

**Drug-related deaths by drug category, 2007-2008**

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>		<b>299</b>	<b>78</b>		<b>40</b>	<b>9</b>
Alcohol*		92	--		14	0
Cocaine		89	15		6	--
Marijuana		10	0		--	0
Stimulants		--	0		0	0
Club drugs†		0	0		0	0
Hallucinogens††		0	0		0	0
Inhalants		--	0		--	--
Antidepressants		60	0		20	--
Antipsychotics		13	--		10	--
Benzodiazepines		59	--		6	0
Misc. anxiolytics, sedatives, and hypnotics		11	0		7	0
Opiates/opioids		221	41		11	--
Heroin (specified)		21	7		0	0
Methadone		45	6		--	0
All other opiates/opioids		170	28		11	--
Nonsteroidal anti-inflammatory agents		0	0		0	0
Salicylates/combinations		--	0		0	0
Misc. analgesics/combinations		8	0		4	--
Anticonvulsants		9	0		--	0
Muscle relaxants		10	0		0	0

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

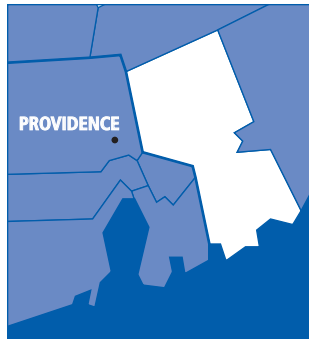
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† 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, 2008 (08/2009 update).

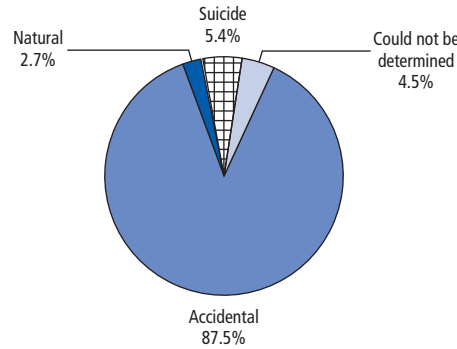
# Providence-New Bedford-Fall River, RI-MA: Bristol County, MA



## Bristol County, MA: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	106
Drug-related suicide.....	6
<b>Population .....</b>	<b>545,823</b>
<b>Deaths per 100,000 population</b>	
Drug-related.....	19.4
Drug-related suicide.....	1.1

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility		42
Home		49
Public place		4
Other		9
Not documented		--
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility		--
Home		--
Public place		0
Other		0
Not documented		0

## Drug-related deaths by drug category, 2007-2008

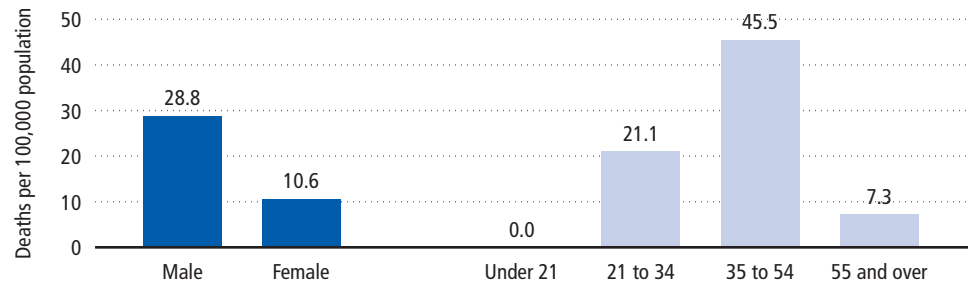
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>96</b>	<b>106</b>	<b>16</b>	<b>10</b>	<b>6</b>	<b>--</b>
Alcohol*	21	44	0	--	--	--
Cocaine	42	41	--	--	--	--
Marijuana	13	7	0	--	--	--
Stimulants	--	0	0	--	0	--
Club drugs†	0	0	0	0	0	--
Hallucinogens††	0	0	0	0	0	--
Inhalants	--	--	0	0	0	--
Antidepressants	15	13	0	7	--	--
Antipsychotics	--	--	0	--	0	--
Benzodiazepines	22	16	0	--	--	--
Misc. anxiolytics, sedatives, and hypnotics	--	--	0	--	0	--
Opiates/opioids	76	88	9	4	4	--
Heroin (specified)	6	11	--	0	0	--
Methadone	14	14	--	0	0	--
All other opiates/opioids	64	71	6	4	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	--
Muscle relaxants	0	--	0	0	0	--

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

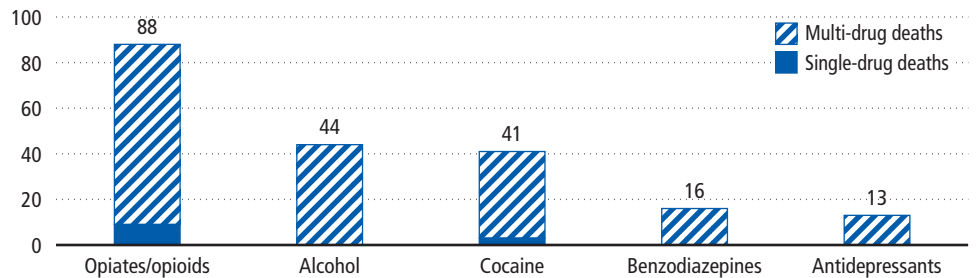
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008

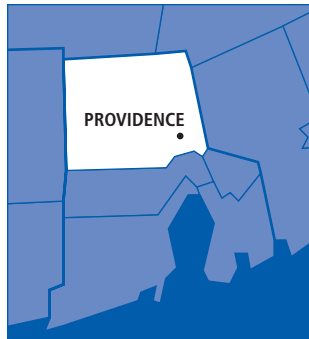


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).



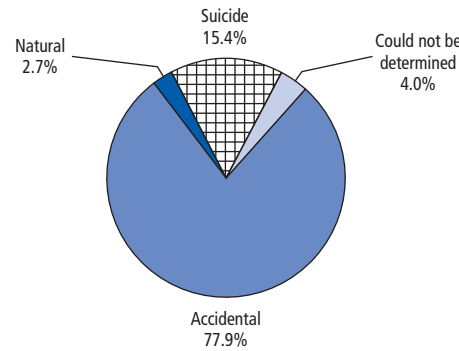
# Providence-New Bedford-Fall River, RI-MA: Providence County, RI



## Providence County, RI: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	126
Drug-related suicide.....	23
<b>Population</b> .....	626,150
<b>Deaths per 100,000 population</b>	
Drug-related.....	20.1
Drug-related suicide.....	3.7

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility		60
Home		53
Public place		6
Other		7
Not documented		0
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility		8
Home		13
Public place		0
Other		--
Not documented		0

## Drug-related deaths by drug category, 2007-2008

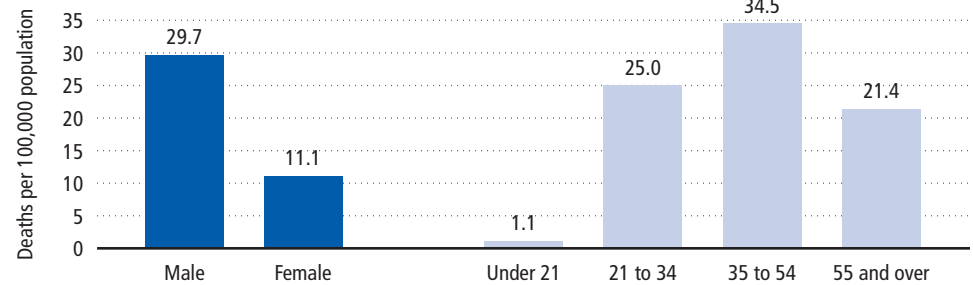
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>		<b>126</b>	<b>47</b>		<b>23</b>	<b>4</b>
Alcohol*		31	--		9	0
Cocaine		34	10		4	--
Marijuana		--	0		0	0
Stimulants		0	0		0	0
Club drugs†		0	0		0	0
Hallucinogens††		0	0		0	0
Inhalants		0	0		--	--
Antidepressants		27	0		12	0
Antipsychotics		7	--		5	0
Benzodiazepines		18	0		5	0
Misc. anxiolytics, sedatives, and hypnotics		6	0		5	0
Opiates/opioids		82	23		--	0
Heroin (specified)		9	4		0	0
Methadone		16	4		0	0
All other opiates/opioids		61	15		--	0
Nonsteroidal anti-inflammatory agents		0	0		0	0
Salicylates/combinations		--	0		0	0
Misc. analgesics/combinations		4	0		--	--
Anticonvulsants		5	0		--	0
Muscle relaxants		6	0		0	0

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

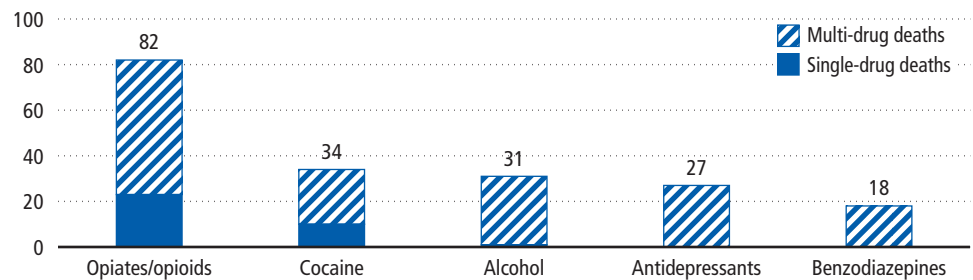
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



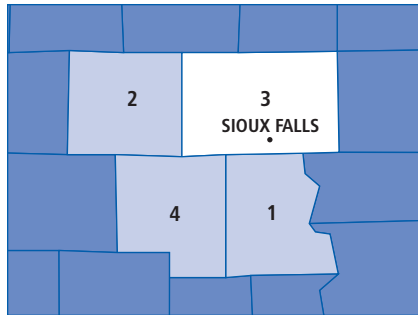
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

## Sioux Falls, SD



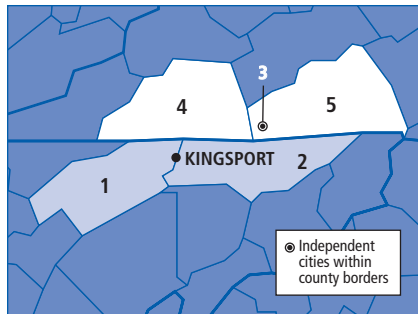
<b>Deaths reported to DAWN</b>	
Drug-related.....	1
Drug-related suicide.....	4
<b>Metro area population, 2008</b> ..... 232,930	
<b>Population covered by DAWN</b> ..... 179,180	
<b>Percent of population covered by DAWN</b> ..... 77%	

### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>1</b>	<b>0.6</b>	<b>4</b>	<b>2.2</b>	<b>179,180</b>
1. Lincoln County, SD					39,713
2. McCook County, SD					5,671
3. Minnehaha County, SD	1	0.6	4	2.2	179,180
4. Turner County, SD					8,366

Shaded areas did not participate in DAWN this year.

## Kingsport-Bristol-Bristol, TN-VA



<b>Deaths reported to DAWN</b>	
Drug-related.....	12
Drug-related suicide.....	2
<b>Metro area population, 2008</b> ..... 304,689	
<b>Population covered by DAWN</b> ..... 93,312	
<b>Percent of population covered by DAWN</b> ..... 31%	

### Metro area overview: Deaths and population by county, 2008

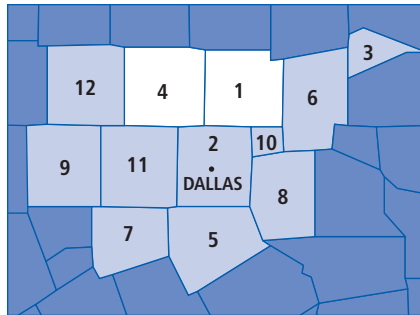
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (3)</b>	<b>12</b>	<b>12.9</b>	<b>2</b>	<b>2.1</b>	<b>93,312</b>
1. Hawkins County, TN					57,477
2. Sullivan County, TN					153,900
3. Bristol City, VA	3	17.2	0	0.0	17,424
4. Scott County, VA	3	13.1	1	4.4	22,850
5. Washington County, VA	6	11.3	1	1.9	53,038

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, 2008 (08/2009 update).

# Dallas-Fort Worth-Arlington, TX



<b>Deaths reported to DAWN</b>	
Drug-related.....	81
Drug-related suicide.....	24
<b>Metro area population, 2008.....</b>	
	6,300,006
<b>Population covered by DAWN.....</b>	
	1,398,567
<b>Percent of population covered by DAWN.....</b>	
	22%

## Metro area overview: Deaths and population by county, 2008

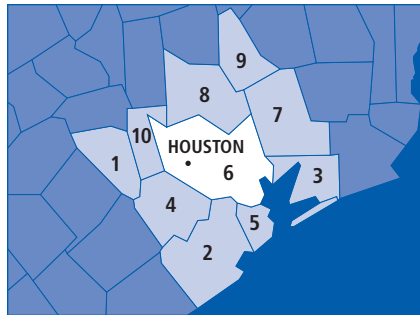
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (2)</b>	<b>81</b>	<b>5.8</b>	<b>24</b>	<b>1.7</b>	<b>1,398,567</b>
1. Collin County, TX	35	4.6	14	1.8	762,010
2. Dallas County, TX					2,412,827
3. Delta County, TX					5,458
4. Denton County, TX	46	7.2	10	1.6	636,557
5. Ellis County, TX					148,186
6. Hunt County, TX					82,805
7. Johnson County, TX					153,630
8. Kaufman County, TX					100,527
9. Parker County, TX					111,776
10. Rockwall County, TX					77,633
11. Tarrant County, TX					1,750,091
12. Wise County, TX					58,506

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, 2008 (08/2009 update).

# Houston-Sugar Land-Baytown, TX



Deaths reported to DAWN  
 Drug-related.....452  
 Drug-related suicide.....75

Metro area  
 population, 2008..... 5,728,143

Population  
 covered by DAWN..... 3,984,349

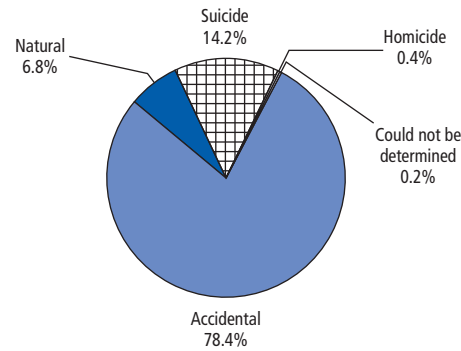
Percent of population  
 covered by DAWN..... 70%

## Metro area overview: Deaths and population by county, 2008

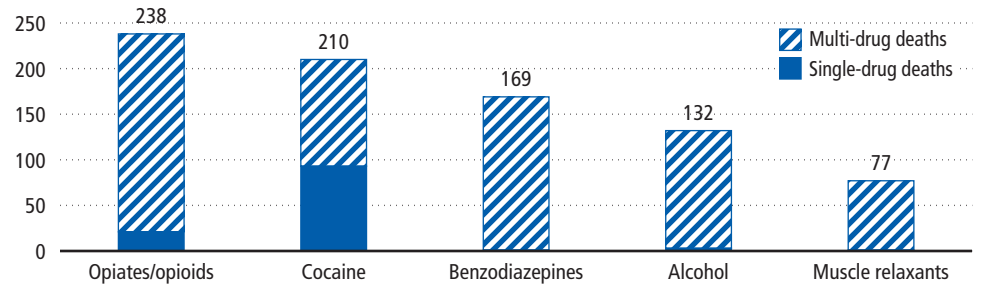
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>452</b>	<b>11.3</b>	<b>75</b>	<b>1.9</b>	<b>3,984,349</b>
1. Austin County, TX					26,851
2. Brazoria County, TX					301,044
3. Chambers County, TX					29,356
4. Fort Bend County, TX					532,141
5. Galveston County, TX					288,239
6. Harris County, TX	452	11.3	75	1.9	3,984,349
7. Liberty County, TX					75,333
8. Montgomery County, TX					429,953
9. San Jacinto County, TX					24,882
10. Waller County, TX					35,995

Shaded areas did not participate in DAWN this year.

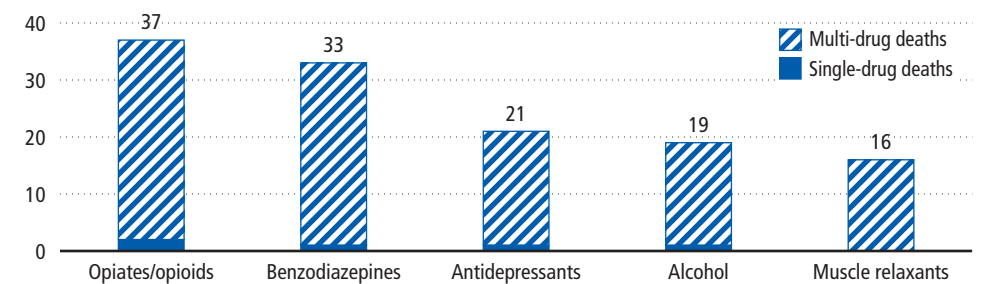
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

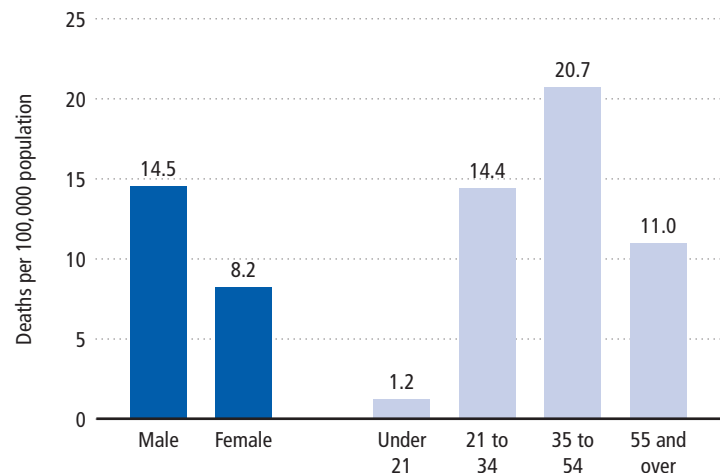


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

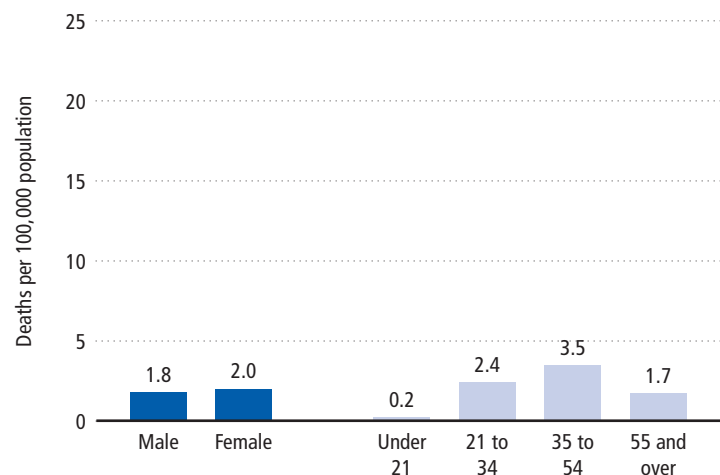
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Houston-Sugar Land-Baytown, TX

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	185	Health care facility	22
Home	200	Home	42
Public place	21	Public place	--
Other	46	Other	10
Not documented	0	Not documented	0

**Drug-related deaths by drug category, 2007-2008**

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>577</b>	<b>452</b>	<b>144</b>	<b>80</b>	<b>75</b>	<b>15</b>
Alcohol*	115	132	--	18	19	--
Cocaine	275	210	93	8	8	0
Marijuana	0	--	0	0	--	0
Stimulants	13	20	6	--	0	0
Club drugs†	7	--	0	--	--	--
Hallucinogens††	7	5	0	--	0	0
Inhalants	--	5	4	0	--	--
Antidepressants	46	43	0	22	21	--
Antipsychotics	13	9	--	11	8	--
Benzodiazepines	251	169	--	34	33	--
Misc. anxiolytics, sedatives, and hypnotics	42	23	0	18	15	0
Opiates/opioids	324	238	21	38	37	--
Heroin (specified)	30	34	8	0	0	0
Methadone	62	42	5	4	--	0
All other opiates/opioids	267	182	8	35	36	--
Nonsteroidal anti-inflammatory agents	--	--	0	--	--	0
Salicylates/combinations	0	--	0	4	--	0
Misc. analgesics/combinations	23	22	--	19	15	0
Anticonvulsants	10	13	--	--	6	--
Muscle relaxants	132	77	--	16	16	0

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

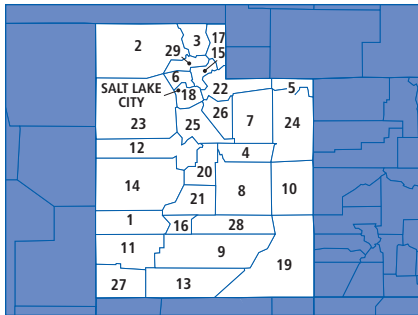
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

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, 2008 (08/2009 update).

# Utah



**Deaths reported to DAWN**  
 Drug-related.....413  
 Drug-related suicide.....60

**State population, 2008**..... 2,736,424

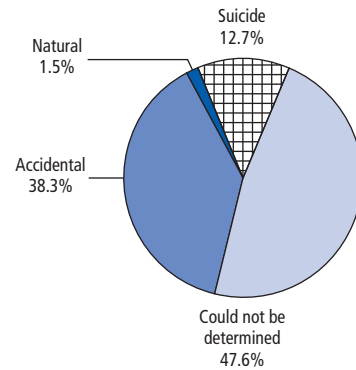
**Population covered by DAWN**..... 2,736,424

**Percent of population covered by DAWN**..... 100%

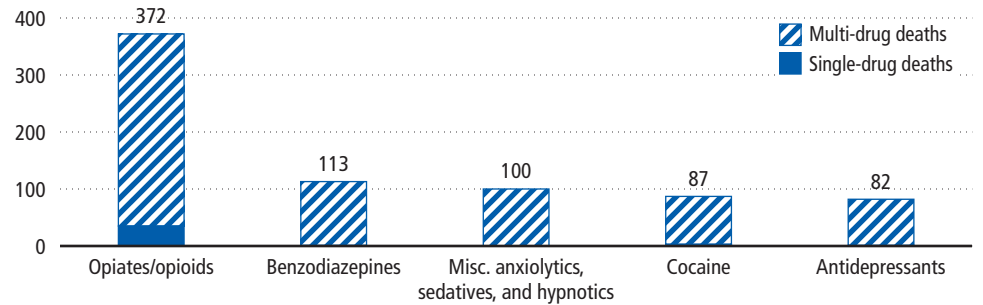
## State overview: Deaths and population by county, 2008

Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (29)</b>	<b>413</b>	<b>15.1</b>	<b>60</b>	<b>2.2</b>	<b>2,736,424</b>
1. Beaver County	0	0.0	0	0.0	6,162
2. Box Elder County	6	12.2	0	0.0	49,015
3. Cache County	8	7.1	1	0.9	112,616
4. Carbon County	1	5.1	1	5.1	19,549
5. Daggett County	0	0.0	0	0.0	938
6. Davis County	44	14.9	10	3.4	295,332
7. Duchesne County	2	11.9	1	5.9	16,861
8. Emery County	5	47.6	0	0.0	10,510
9. Garfield County	1	21.5	0	0.0	4,658
10. Grand County	2	20.9	0	0.0	9,589
11. Iron County	6	13.5	0	0.0	44,540
12. Juab County	3	30.1	0	0.0	9,983
13. Kane County	1	15.2	2	30.4	6,577
14. Millard County	4	33.1	0	0.0	12,082
15. Morgan County	0	0.0	0	0.0	8,669
16. Piute County	0	0.0	0	0.0	1,404
17. Rich County	0	0.0	0	0.0	2,205
18. Salt Lake County	182	17.8	33	3.2	1,022,651
19. San Juan County	0	0.0	1	6.6	15,055
20. Sanpete County	5	19.6	0	0.0	25,520
21. Sevier County	2	10.0	0	0.0	20,014
22. Summit County	5	13.9	1	2.8	36,100
23. Tooele County	9	15.8	1	1.8	56,941
24. Uintah County	1	3.3	0	0.0	29,885
25. Utah County	56	10.5	4	0.8	530,837
26. Wasatch County	2	9.5	0	0.0	21,066
27. Washington County	17	12.4	1	0.7	137,589
28. Wayne County	0	0.0	0	0.0	2,589
29. Weber County	51	22.4	4	1.8	227,487

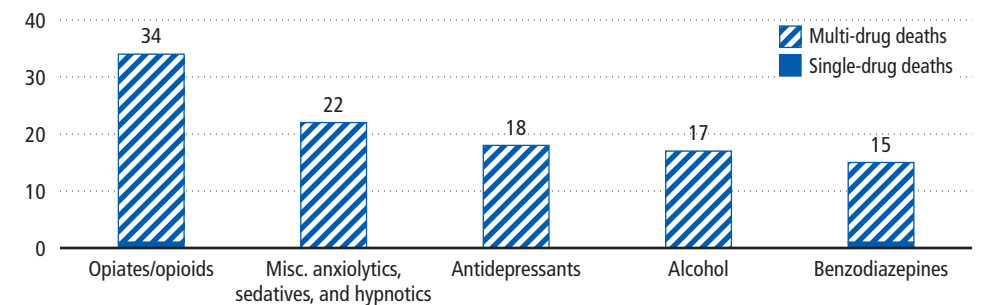
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



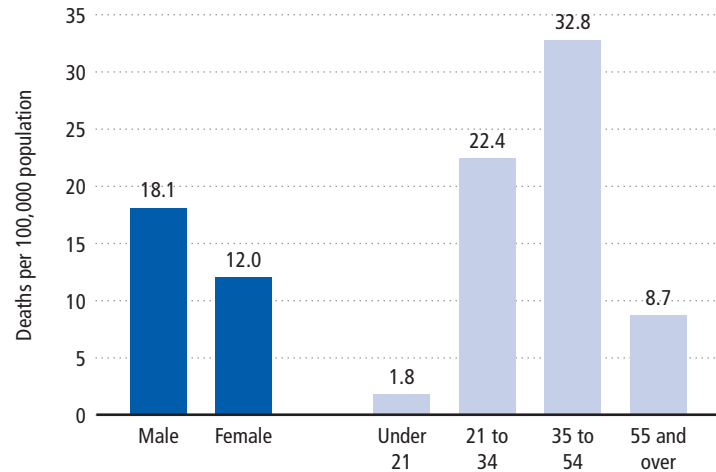
## Top 5 drugs involved: Drug-related suicide deaths, 2008



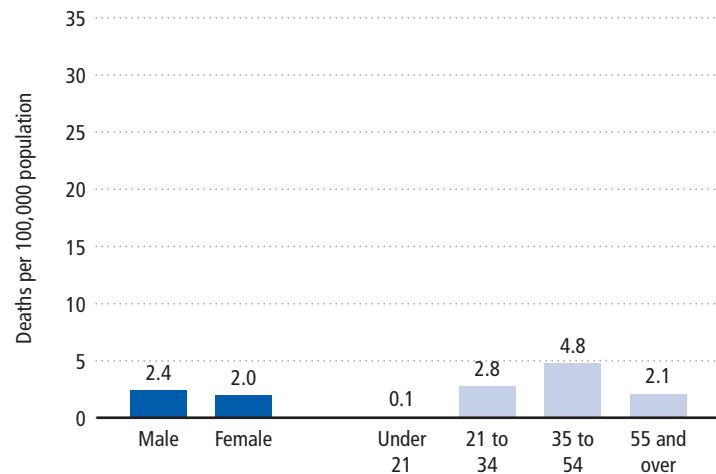
NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	88	Health care facility	14
Home	270	Home	37
Public place	8	Public place	4
Other	45	Other	5
Not documented	--	Not documented	0

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>465</b>	<b>413</b>	<b>41</b>	<b>52</b>	<b>60</b>	<b>8</b>
Alcohol*	79	61	0	15	17	0
Cocaine	106	87	--	--	4	--
Marijuana	86	80	0	4	6	0
Stimulants	49	51	--	--	--	0
Club drugs†	--	--	0	0	--	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	--	4	0	0	--	0
Antidepressants	166	82	--	31	18	0
Antipsychotics	34	11	0	8	--	0
Benzodiazepines	134	113	--	18	15	--
Misc. anxiolytics, sedatives, and hypnotics	144	100	0	27	22	0
Opiates/opioids	399	372	35	30	34	--
Heroin (specified)	46	69	--	--	--	0
Methadone	103	100	16	4	6	0
All other opiates/opioids	313	250	16	28	31	--
Nonsteroidal anti-inflammatory agents	--	0	0	0	--	0
Salicylates/combinations	--	--	0	0	7	--
Misc. analgesics/combinations	38	27	0	10	13	--
Anticonvulsants	17	5	0	5	--	--
Muscle relaxants	58	42	0	13	6	0

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

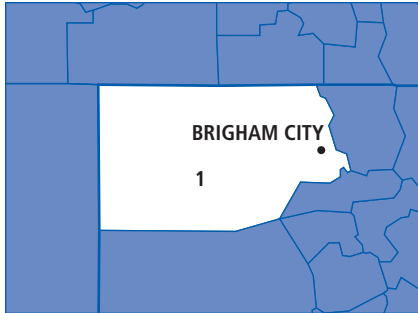
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

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, 2008 (08/2009 update).

## Brigham City, UT

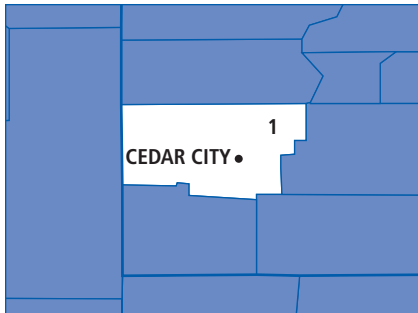


<b>Deaths reported to DAWN</b>	
Drug-related.....	6
Drug-related suicide.....	0
<b>Metro area population, 2008.....</b>	
	49,015
<b>Population covered by DAWN.....</b>	
	49,015
<b>Percent of population covered by DAWN.....</b>	
	100%

### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>6</b>	<b>12.2</b>	<b>0</b>	<b>0.0</b>	<b>49,015</b>
1. Box Elder County, UT	6	12.2	0	0.0	49,015

## Cedar City, UT



<b>Deaths reported to DAWN</b>	
Drug-related.....	6
Drug-related suicide.....	0
<b>Metro area population, 2008.....</b>	
	44,540
<b>Population covered by DAWN.....</b>	
	44,540
<b>Percent of population covered by DAWN.....</b>	
	100%

### Metro area overview: Deaths and population by county, 2008

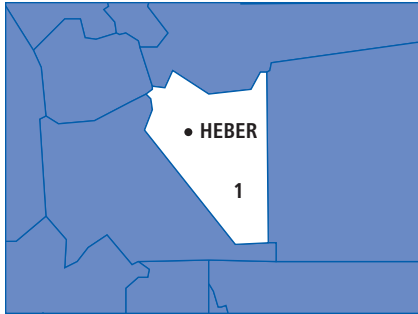
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>6</b>	<b>13.5</b>	<b>0</b>	<b>0.0</b>	<b>44,540</b>
1. Iron County, UT	6	13.5	0	0.0	44,540

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, 2008 (08/2009 update).



# Heber, UT



**Deaths reported to DAWN**

Drug-related.....	2
Drug-related suicide.....	0

**Metro area population, 2008** ..... 21,066

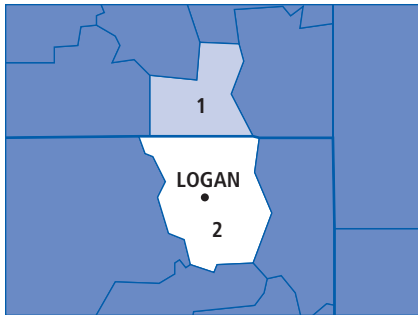
**Population covered by DAWN** ..... 21,066

**Percent of population covered by DAWN** ..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>2</b>	<b>9.5</b>	<b>0</b>	<b>0.0</b>	<b>21,066</b>
1. Wasatch County, UT	2	9.5	0	0.0	21,066

# Logan, UT-ID



**Deaths reported to DAWN**

Drug-related.....	8
Drug-related suicide.....	1

**Metro area population, 2008** ..... 125,070

**Population covered by DAWN** ..... 112,616

**Percent of population covered by DAWN** ..... 90%

## Metro area overview: Deaths and population by county, 2008

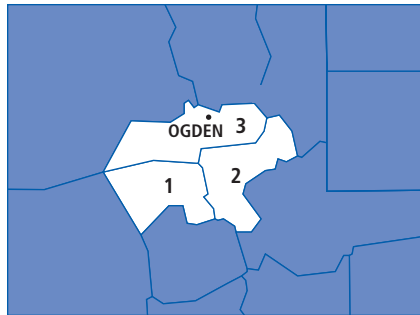
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>8</b>	<b>7.1</b>	<b>1</b>	<b>0.9</b>	<b>112,616</b>
1. Franklin County, ID					12,454
2. Cache County, UT	8	7.1	1	0.9	112,616

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, 2008 (08/2009 update).

# Ogden-Clearfield, UT



**Deaths reported to DAWN**  
 Drug-related.....95  
 Drug-related suicide..... 14

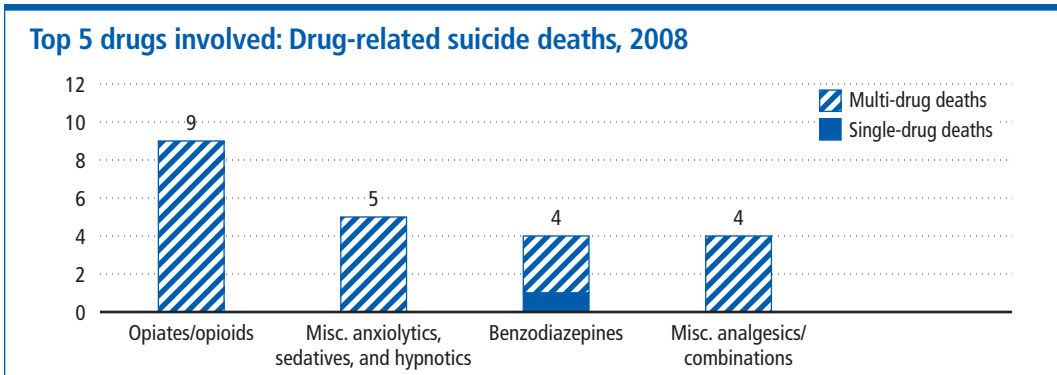
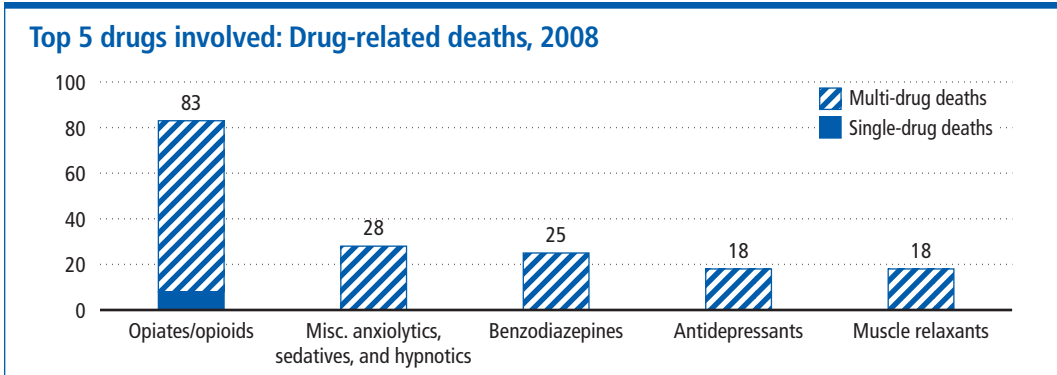
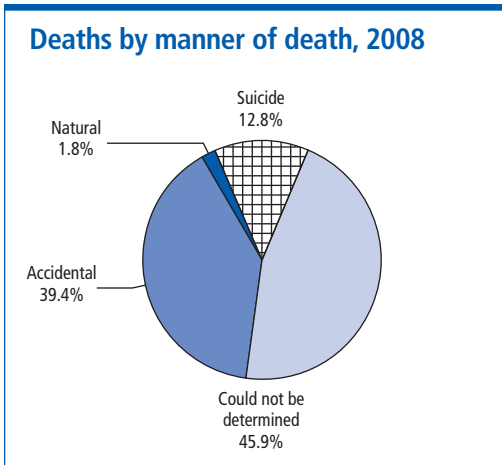
**Metro area population, 2008**..... 531,488

**Population covered by DAWN**..... 531,488

**Percent of population covered by DAWN**..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (3)</b>	<b>95</b>	<b>17.9</b>	<b>14</b>	<b>2.6</b>	<b>531,488</b>
1. Davis County, UT	44	14.9	10	3.4	295,332
2. Morgan County, UT	0	0.0	0	0.0	8,669
3. Weber County, UT	51	22.4	4	1.8	227,487

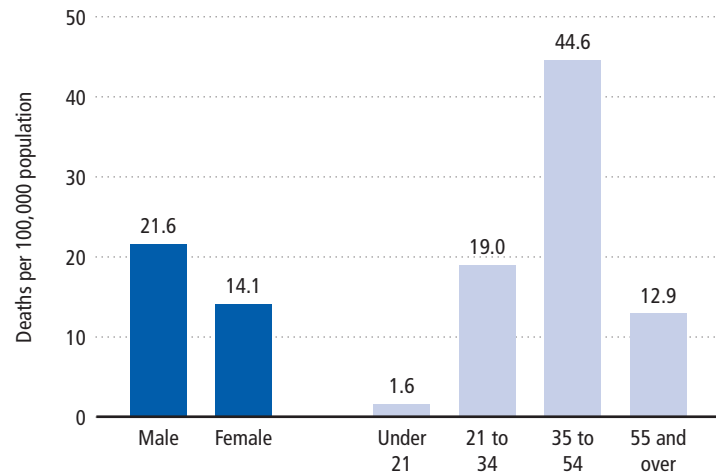


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

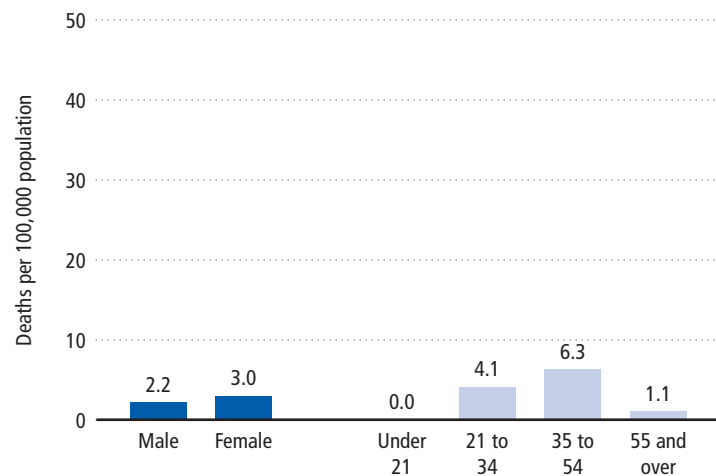
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Ogden-Clearfield, UT

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	19	Health care facility	4
Home	69	Home	8
Public place	--	Public place	--
Other	6	Other	--
Not documented	0	Not documented	0

**Drug-related deaths by drug category, 2007-2008**

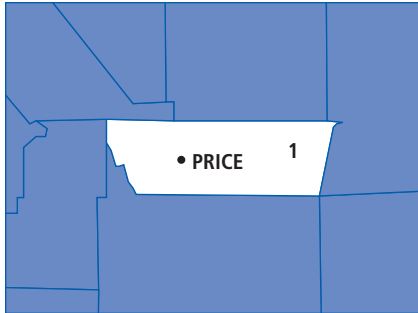
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>82</b>	<b>95</b>	<b>9</b>	<b>14</b>	<b>14</b>	<b>--</b>
Alcohol*	7	14	0	4	--	--
Cocaine	16	14	0	0	--	--
Marijuana	13	13	0	0	--	--
Stimulants	10	11	--	0	0	--
Club drugs†	--	0	0	0	0	--
Hallucinogens††	0	0	0	0	0	--
Inhalants	0	--	0	0	0	--
Antidepressants	37	18	0	9	--	--
Antipsychotics	4	--	0	--	0	--
Benzodiazepines	25	25	0	4	4	--
Misc. anxiolytics, sedatives, and hypnotics	25	28	0	7	5	--
Opiates/opioids	66	83	8	5	9	--
Heroin (specified)	5	14	--	0	0	--
Methadone	11	16	--	0	0	--
All other opiates/opioids	57	63	4	5	9	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	--	0	0	0	--	--
Misc. analgesics/combinations	10	11	0	--	4	--
Anticonvulsants	--	--	0	--	0	--
Muscle relaxants	12	18	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.

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, 2008 (08/2009 update).

## Price, UT



<b>Deaths reported to DAWN</b>	
Drug-related.....	1
Drug-related suicide.....	1
<b>Metro area population, 2008.....</b>	
	19,549
<b>Population covered by DAWN.....</b>	
	19,549
<b>Percent of population covered by DAWN.....</b>	
	100%

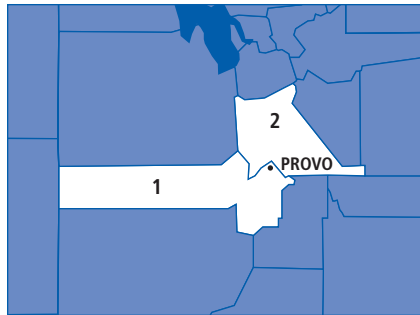
### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>1</b>	<b>5.1</b>	<b>1</b>	<b>5.1</b>	<b>19,549</b>
1. Carbon County, UT	1	5.1	1	5.1	19,549

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, 2008 (08/2009 update).

# Provo-Orem, UT



**Deaths reported to DAWN**

Drug-related.....	59
Drug-related suicide.....	4

**Metro area population, 2008**..... 540,820

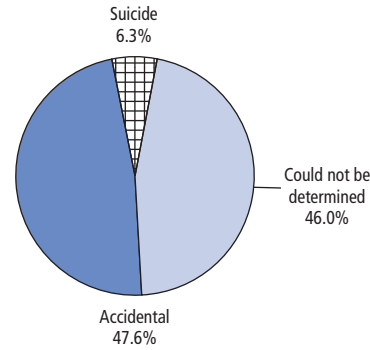
**Population covered by DAWN**..... 540,820

**Percent of population covered by DAWN**..... 100%

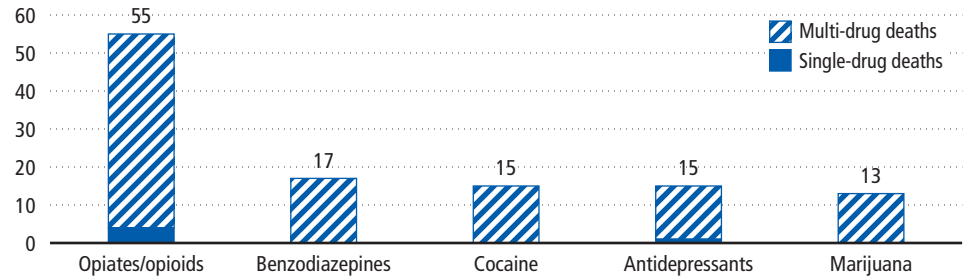
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (2)</b>	<b>59</b>	<b>10.9</b>	<b>4</b>	<b>0.7</b>	<b>540,820</b>
1. Juab County, UT	3	30.1	0	0.0	9,983
2. Utah County, UT	56	10.5	4	0.8	530,837

## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

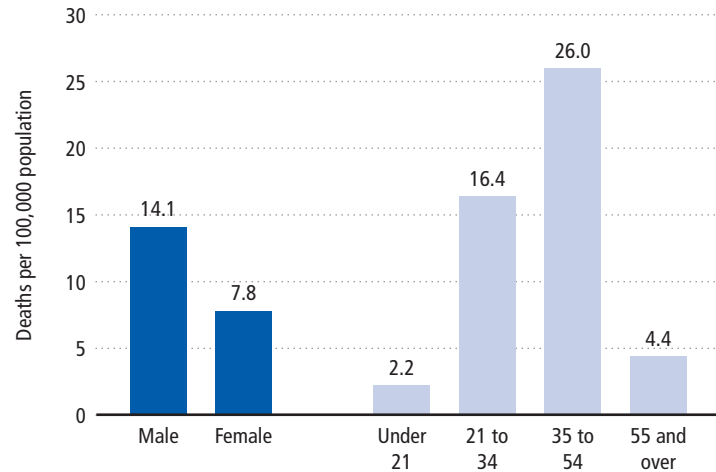
No single drug had 4 or more deaths.

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.

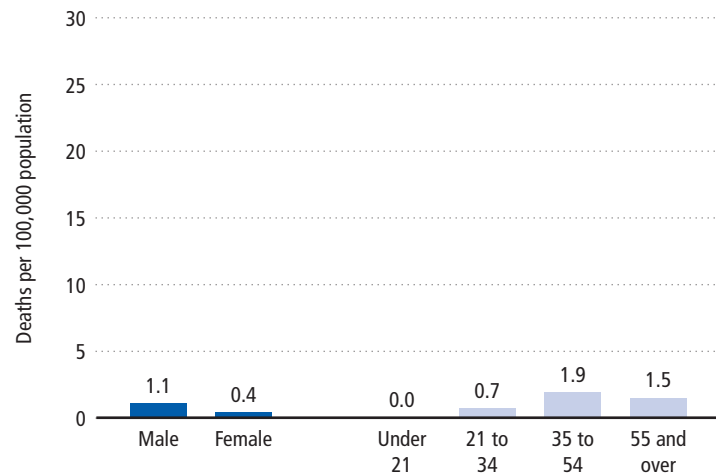
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Provo-Orem, UT

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	20	Health care facility	--
Home	33	Home	--
Public place	0	Public place	0
Other	6	Other	0
Not documented	0	Not documented	0

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>82</b>	<b>59</b>	<b>5</b>	<b>--</b>	<b>4</b>	<b>0</b>
Alcohol*	10	7	0	--	0	
Cocaine	21	15	0	--	0	
Marijuana	15	13	0	--	--	
Stimulants	11	6	0	--	--	
Club drugs†	0	0	0	--	0	
Hallucinogens††	0	0	0	--	0	
Inhalants	0	0	0	--	0	
Antidepressants	29	15	--	--	--	
Antipsychotics	9	0	0	--	0	
Benzodiazepines	21	17	0	--	--	
Misc. anxiolytics, sedatives, and hypnotics	21	13	0	--	0	
Opiates/opioids	76	55	4	--	--	
Heroin (specified)	10	14	0	--	0	
Methadone	23	15	--	--	0	
All other opiates/opioids	59	32	--	--	--	
Nonsteroidal anti-inflammatory agents	0	0	0	--	--	
Salicylates/combinations	0	0	0	--	--	
Misc. analgesics/combinations	--	--	0	--	--	
Anticonvulsants	--	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.

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, 2008 (08/2009 update).

# Salt Lake City, UT



**Deaths reported to DAWN**  
 Drug-related.....196  
 Drug-related suicide.....35

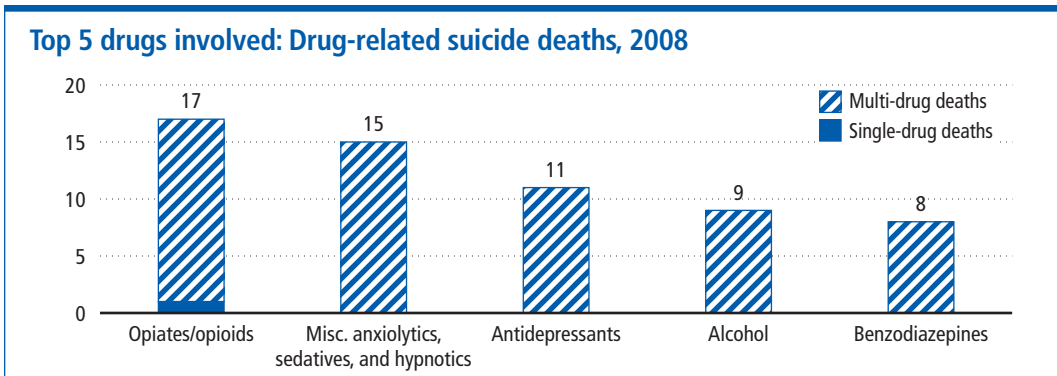
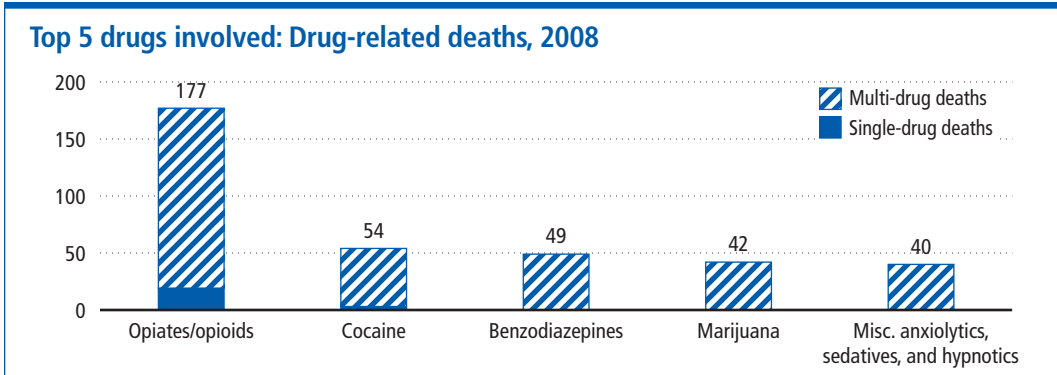
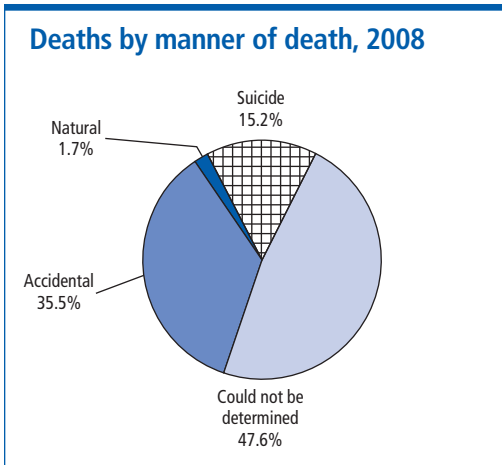
**Metro area population, 2008**..... 1,115,692

**Population covered by DAWN**..... 1,115,692

**Percent of population covered by DAWN**..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (3)</b>	<b>196</b>	<b>17.6</b>	<b>35</b>	<b>3.1</b>	<b>1,115,692</b>
1. Salt Lake County, UT	182	17.8	33	3.2	1,022,651
2. Summit County, UT	5	13.9	1	2.8	36,100
3. Tooele County, UT	9	15.8	1	1.8	56,941

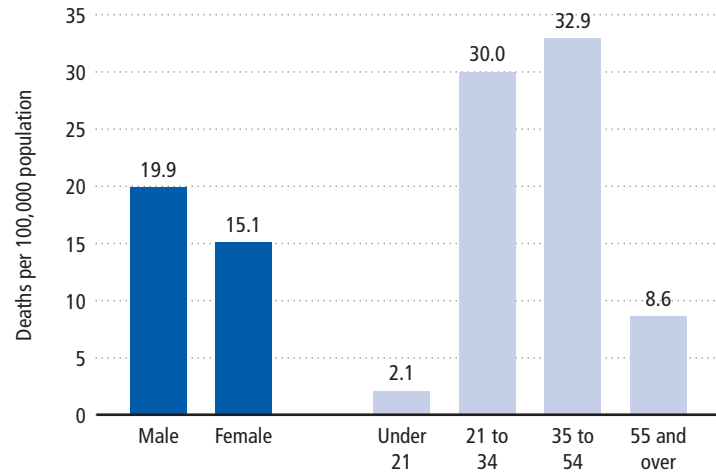


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

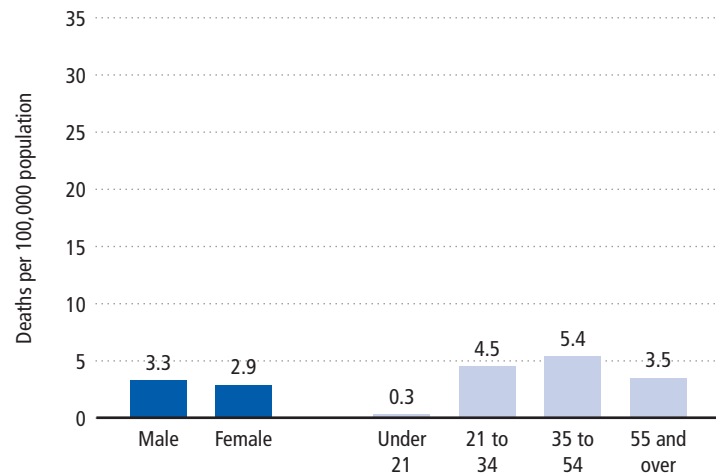
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Salt Lake City, UT

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	39	Health care facility	8
Home	124	Home	23
Public place	4	Public place	--
Other	29	Other	--
Not documented	0	Not documented	0

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>222</b>	<b>196</b>	<b>22</b>	<b>27</b>	<b>35</b>	<b>6</b>
Alcohol*	51	31	0	6	9	0
Cocaine	60	54	--	--	--	--
Marijuana	41	42	0	--	0	0
Stimulants	24	27	0	--	--	0
Club drugs†	--	--	0	0	--	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	0	--	0	0	--	0
Antidepressants	74	33	0	13	11	0
Antipsychotics	17	5	0	6	--	0
Benzodiazepines	59	49	0	8	8	0
Misc. anxiolytics, sedatives, and hypnotics	77	40	0	13	15	0
Opiates/opioids	186	177	19	18	17	--
Heroin (specified)	28	39	--	--	--	0
Methadone	47	45	7	4	--	0
All other opiates/opioids	144	115	10	16	15	--
Nonsteroidal anti-inflammatory agents	--	0	0	0	0	0
Salicylates/combinations	0	--	0	0	4	--
Misc. analgesics/combinations	19	9	0	4	7	--
Anticonvulsants	10	--	0	--	--	--
Muscle relaxants	34	12	0	6	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.

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, 2008 (08/2009 update).



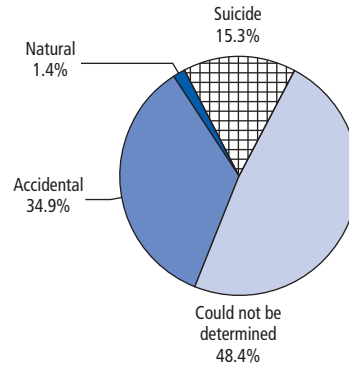
# Salt Lake City, UT: Salt Lake County, UT



## Salt Lake County, UT: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	182
Drug-related suicide.....	33
<b>Population .....</b>	<b>1,022,651</b>
<b>Deaths per 100,000 population</b>	
Drug-related.....	17.8
Drug-related suicide.....	3.2

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>	<b>Deaths</b>
Health care facility	37
Home	116
Public place	--
Other	26
Not documented	0
<b>Drug-related suicide</b>	<b>Deaths</b>
Health care facility	8
Home	23
Public place	0
Other	--
Not documented	0

## Drug-related deaths by drug category, 2007-2008

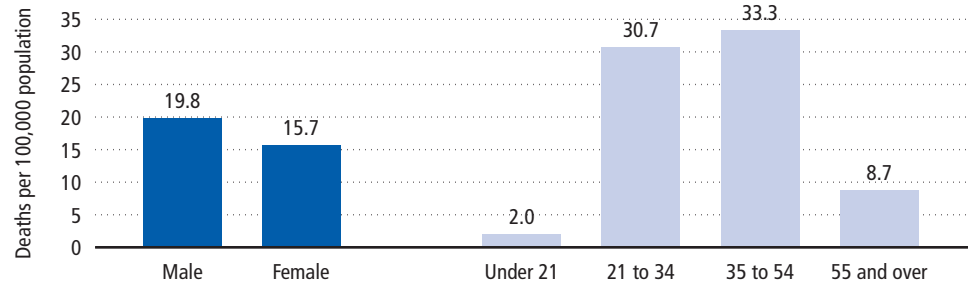
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>207</b>	<b>182</b>	<b>22</b>	<b>25</b>	<b>33</b>	<b>5</b>
Alcohol*	47	29	0	6	9	0
Cocaine	59	50	--	--	--	--
Marijuana	40	38	0	--	0	0
Stimulants	23	26	0	--	--	0
Club drugs†	--	--	0	0	--	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	0	--	0	0	--	0
Antidepressants	68	30	0	11	10	0
Antipsychotics	15	5	0	5	--	0
Benzodiazepines	56	46	0	7	7	0
Misc. anxiolytics, sedatives, and hypnotics	68	37	0	12	14	0
Opiates/opioids	174	165	19	16	17	--
Heroin (specified)	27	38	--	--	--	0
Methadone	44	38	7	--	--	0
All other opiates/opioids	135	107	10	14	15	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	--	0	0	4	--
Misc. analgesics/combinations	16	8	0	4	6	0
Anticonvulsants	9	--	0	--	--	--
Muscle relaxants	30	11	0	5	4	0

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

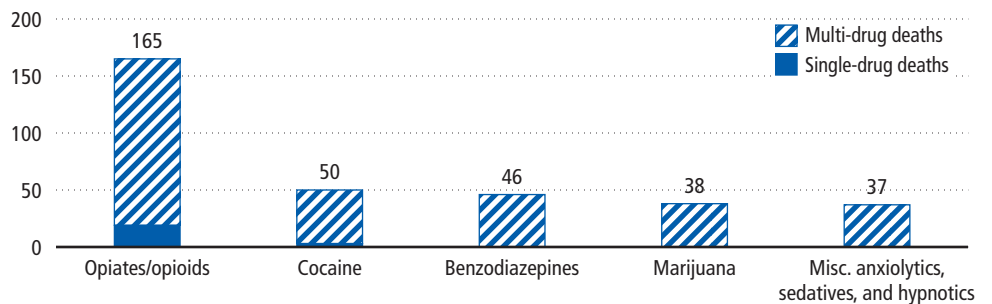
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



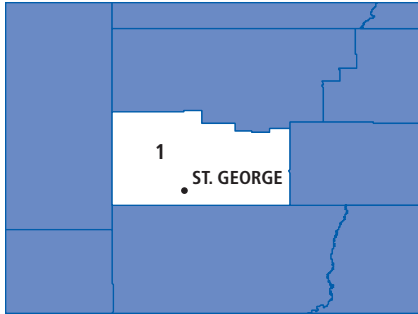
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

## St. George, UT

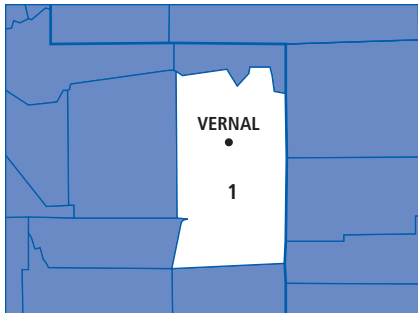


<b>Deaths reported to DAWN</b>	
Drug-related.....	17
Drug-related suicide.....	1
<b>Metro area population, 2008</b> .....	
	137,589
<b>Population covered by DAWN</b> .....	
	137,589
<b>Percent of population covered by DAWN</b> .....	
	100%

### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>17</b>	<b>12.4</b>	<b>1</b>	<b>0.7</b>	<b>137,589</b>
1. Washington County, UT	17	12.4	1	0.7	137,589

## Vernal, UT



<b>Deaths reported to DAWN</b>	
Drug-related.....	1
Drug-related suicide.....	0
<b>Metro area population, 2008</b> .....	
	29,885
<b>Population covered by DAWN</b> .....	
	29,885
<b>Percent of population covered by DAWN</b> .....	
	100%

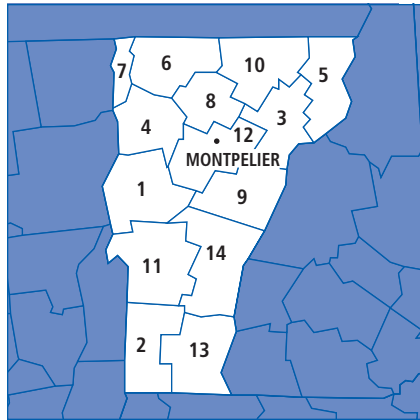
### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>1</b>	<b>3.3</b>	<b>0</b>	<b>0.0</b>	<b>29,885</b>
1. Uintah County, UT	1	3.3	0	0.0	29,885

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, 2008 (08/2009 update).

# Vermont



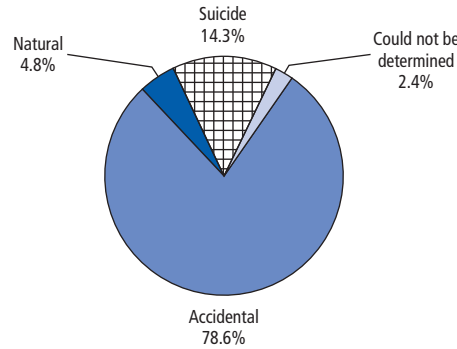
**Deaths reported to DAWN**  
 Drug-related.....72  
 Drug-related suicide.....12

**State population, 2008**..... 621,270

**Population covered by DAWN**..... 621,270

**Percent of population covered by DAWN**..... 100%

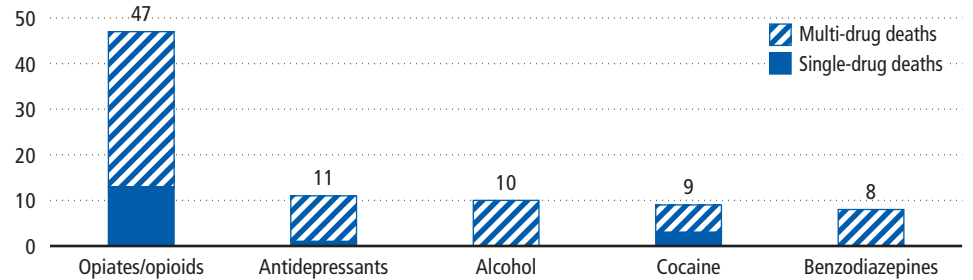
## Deaths by manner of death, 2008



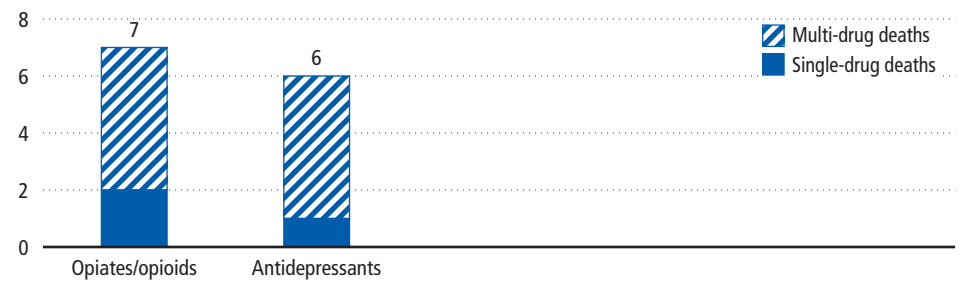
## State overview: Deaths and population by county, 2008

Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (14)</b>	<b>72</b>	<b>11.6</b>	<b>12</b>	<b>1.9</b>	<b>621,270</b>
1. Addison County	3	8.2	0	0.0	36,617
2. Bennington County	4	11.0	0	0.0	36,382
3. Caledonia County	2	6.6	0	0.0	30,470
4. Chittenden County	19	12.4	4	2.6	152,782
5. Essex County	1	15.4	0	0.0	6,500
6. Franklin County	3	6.3	0	0.0	47,949
7. Grand Isle County	0	0.0	0	0.0	7,729
8. Lamoille County	2	8.1	1	4.0	24,833
9. Orange County	3	10.4	1	3.5	28,917
10. Orleans County	5	18.4	0	0.0	27,189
11. Rutland County	7	11.1	1	1.6	63,331
12. Washington County	6	10.2	1	1.7	58,829
13. Windham County	9	20.8	2	4.6	43,176
14. Windsor County	8	14.1	2	3.5	56,566

## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

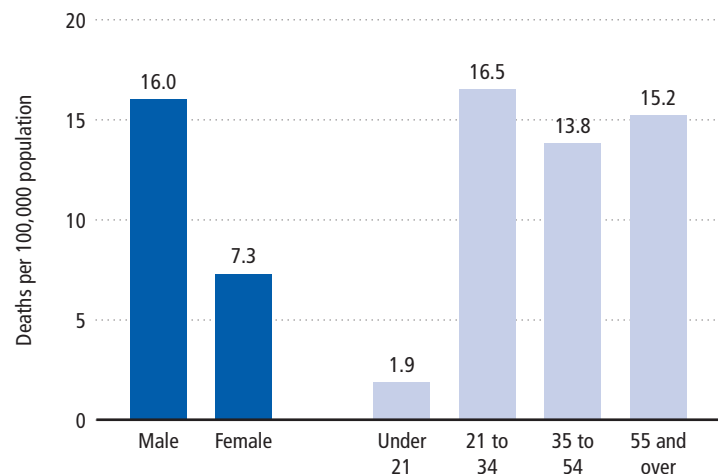


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

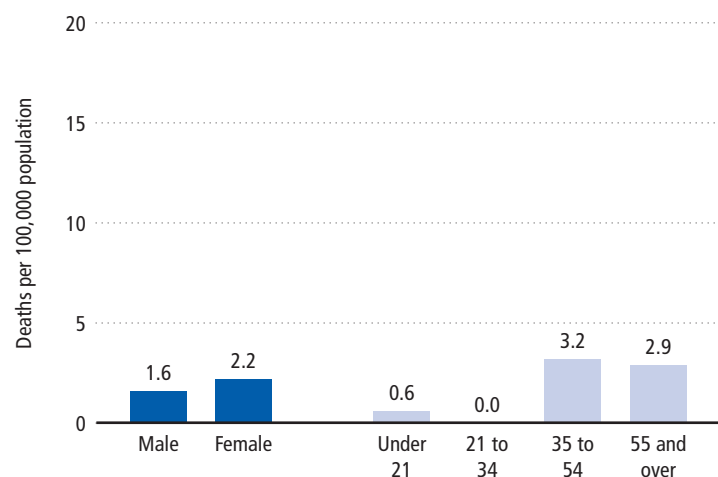
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Vermont

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	28	Health care facility	--
Home	36	Home	8
Public place	0	Public place	--
Other	8	Other	--
Not documented	0	Not documented	0

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>63</b>	<b>72</b>	<b>34</b>	<b>17</b>	<b>12</b>	<b>--</b>
Alcohol*	8	10	0	--	--	--
Cocaine	14	9	--	--	--	--
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	--
Antidepressants	12	11	--	7	6	--
Antipsychotics	--	--	0	--	--	--
Benzodiazepines	9	8	0	--	--	--
Misc. anxiolytics, sedatives, and hypnotics	--	4	0	5	--	--
Opiates/opioids	48	47	13	9	7	--
Heroin (specified)	--	--	--	0	--	--
Methadone	19	17	5	0	0	--
All other opiates/opioids	37	34	6	9	6	--
Nonsteroidal anti-inflammatory agents	0	--	--	0	0	--
Salicylates/combinations	0	--	0	--	0	--
Misc. analgesics/combinations	--	--	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.

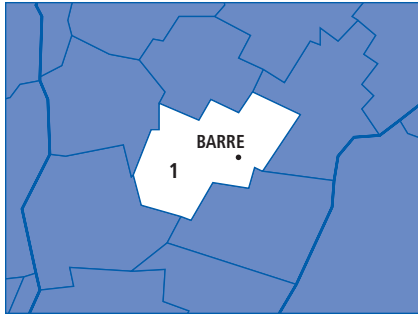
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

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, 2008 (08/2009 update).

# Barre, VT



**Deaths reported to DAWN**  
 Drug-related.....6  
 Drug-related suicide.....1

**Metro area population, 2008** ..... 58,829

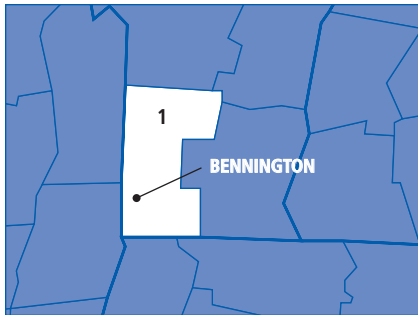
**Population covered by DAWN** ..... 58,829

**Percent of population covered by DAWN** ..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>6</b>	<b>10.2</b>	<b>1</b>	<b>1.7</b>	<b>58,829</b>
1. Washington County, VT	6	10.2	1	1.7	58,829

# Bennington, VT



**Deaths reported to DAWN**  
 Drug-related.....4  
 Drug-related suicide.....0

**Metro area population, 2008** ..... 36,382

**Population covered by DAWN** ..... 36,382

**Percent of population covered by DAWN** ..... 100%

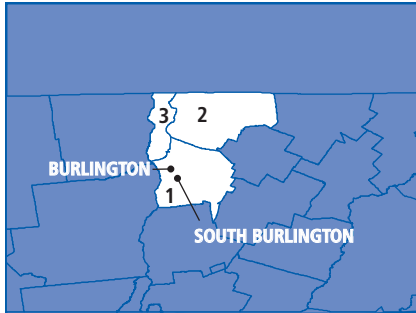
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>4</b>	<b>11.0</b>	<b>0</b>	<b>0.0</b>	<b>36,382</b>
1. Bennington County, VT	4	11.0	0	0.0	36,382

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, 2008 (08/2009 update).

## Burlington-South Burlington, VT

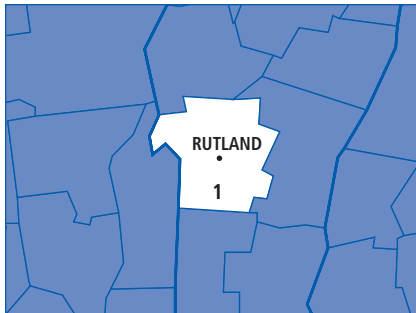


Deaths reported to DAWN	
Drug-related.....	22
Drug-related suicide.....	4
Metro area population, 2008..... 208,460	
Population covered by DAWN..... 208,460	
Percent of population covered by DAWN..... 100%	

### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (3)</b>	<b>22</b>	<b>10.6</b>	<b>4</b>	<b>1.9</b>	<b>208,460</b>
1. Chittenden County, VT	19	12.4	4	2.6	152,782
2. Franklin County, VT	3	6.3	0	0.0	47,949
3. Grand Isle County, VT	0	0.0	0	0.0	7,729

## Rutland, VT



Deaths reported to DAWN	
Drug-related.....	7
Drug-related suicide.....	1
Metro area population, 2008..... 63,331	
Population covered by DAWN..... 63,331	
Percent of population covered by DAWN..... 100%	

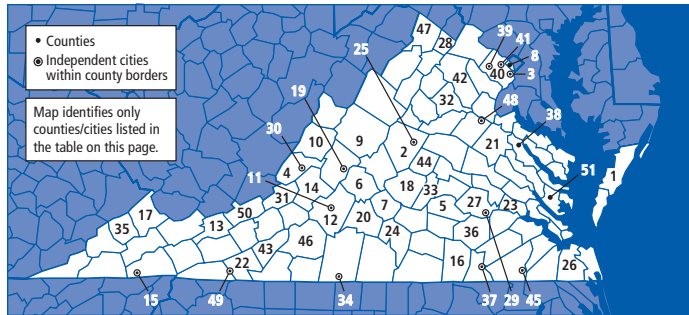
### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>7</b>	<b>11.1</b>	<b>1</b>	<b>1.6</b>	<b>63,331</b>
1. Rutland County, VT	7	11.1	1	1.6	63,331

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, 2008 (08/2009 update).

# Virginia



## Deaths reported to DAWN

Drug-related.....540  
 Drug-related suicide.....125

## State

population, 2008..... 7,769,089

## Population

covered by DAWN..... 7,769,089

## Percent of population

covered by DAWN..... 100%

## State overview: Deaths and population by county, 2008

Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (134)</b>	<b>540</b>	<b>7.0</b>	<b>125</b>	<b>1.6</b>	<b>7,769,089</b>
1. Accomack County	1	2.6	0	0.0	38,180
2. Albemarle County	0	0.0	1	1.1	94,075
3. Alexandria City	10	6.9	4	2.8	143,885
4. Alleghany County	1	6.2	0	0.0	16,202
5. Amelia County	0	0.0	0	0.0	12,808
6. Amherst County	1	3.1	0	0.0	32,539
7. Appomattox County	0	0.0	0	0.0	14,501
8. Arlington County	9	4.3	6	2.9	209,969
9. Augusta County	10	14.0	3	4.2	71,250
10. Bath County	0	0.0	0	0.0	4,544
11. Bedford City	0	0.0	0	0.0	6,312
12. Bedford County	3	4.5	0	0.0	66,831
13. Bland County	0	0.0	0	0.0	6,918
14. Botetourt County	0	0.0	1	3.1	32,261
15. Bristol City	3	17.2	0	0.0	17,424
16. Brunswick County	0	0.0	0	0.0	17,580
17. Buchanan County	8	34.0	1	4.3	23,521
18. Buckingham County	0	0.0	0	0.0	15,977
19. Buena Vista City	0	0.0	0	0.0	6,471
20. Campbell County	1	1.9	1	1.9	53,030
21. Caroline County	1	3.6	0	0.0	27,632
22. Carroll County	3	10.3	1	3.4	29,158
23. Charles City County	1	13.9	0	0.0	7,212
24. Charlotte County	1	8.2	0	0.0	12,248
25. Charlottesville City	7	16.9	2	4.8	41,487

(continued)

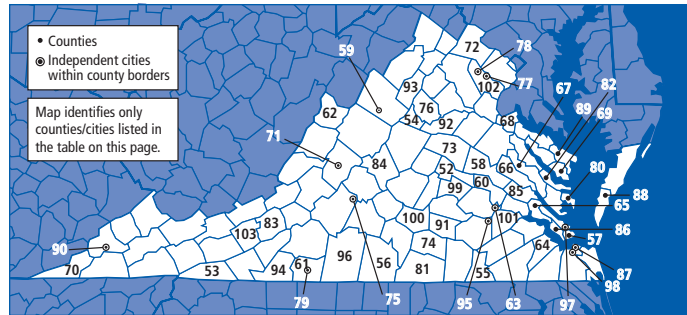
Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
26. Chesapeake City	7	3.2	3	1.4	220,111
27. Chesterfield County	21	6.9	7	2.3	303,469
28. Clarke County	0	0.0	0	0.0	14,458
29. Colonial Heights City	0	0.0	0	0.0	17,768
30. Covington City	0	0.0	0	0.0	6,120
31. Craig County	1	19.7	0	0.0	5,087
32. Culpeper County	6	13.0	1	2.2	46,203
33. Cumberland County	0	0.0	0	0.0	9,670
34. Danville City	4	9.0	0	0.0	44,660
35. Dickenson County	8	48.8	0	0.0	16,405
36. Dinwiddie County	1	3.8	0	0.0	26,082
37. Emporia City	0	0.0	1	17.7	5,643
38. Essex County	1	9.0	0	0.0	11,091
39. Fairfax City	2	8.4	0	0.0	23,844
40. Fairfax County	33	3.3	14	1.4	1,015,302
41. Falls Church City	0	0.0	0	0.0	11,169
42. Fauquier County	6	9.0	1	1.5	66,839
43. Floyd County	0	0.0	0	0.0	14,821
44. Fluvanna County	0	0.0	0	0.0	25,544
45. Franklin City	1	11.3	0	0.0	8,877
46. Franklin County	6	11.7	2	3.9	51,477
47. Frederick County	5	6.8	0	0.0	73,898
48. Fredericksburg City	9	39.4	1	4.4	22,818
49. Galax City	2	29.4	1	14.7	6,808
50. Giles County	2	11.6	0	0.0	17,249
51. Gloucester County	2	5.2	1	2.6	38,656

(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, 2008 (08/2009 update).

# Virginia



## State overview: Deaths and population by county, 2008 (continued)

Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
52. Goochland County	0	0.0	0	0.0	20,956
53. Grayson County	1	6.3	0	0.0	15,969
54. Greene County	0	0.0	0	0.0	17,964
55. Greensville County	4	33.5	0	0.0	11,955
56. Halifax County	1	2.8	0	0.0	35,412
57. Hampton City	4	2.7	0	0.0	145,494
58. Hanover County	6	6.0	0	0.0	99,716
59. Harrisonburg City	1	2.3	2	4.5	44,015
60. Henrico County	20	6.8	2	0.7	292,599
61. Henry County	11	19.9	2	3.6	55,316
62. Highland County	0	0.0	0	0.0	2,426
63. Hopewell City	4	17.3	0	0.0	23,142
64. Isle of Wight County	2	5.6	0	0.0	35,472
65. James City County	3	4.8	1	1.6	62,414
66. King and Queen County	1	14.6	1	14.6	6,830
67. King George County	2	8.6	0	0.0	23,170
68. King William County	0	0.0	0	0.0	16,040
69. Lancaster County	0	0.0	1	8.7	11,466
70. Lee County	1	4.3	0	0.0	23,448
71. Lexington City	0	0.0	0	0.0	7,003
72. Loudoun County	4	1.4	2	0.7	289,995
73. Louisa County	2	6.1	1	3.1	32,716
74. Lunenburg County	1	7.7	0	0.0	12,941
75. Lynchburg City	5	6.9	1	1.4	72,596
76. Madison County	0	0.0	2	14.7	13,639
77. Manassas City	3	8.5	1	2.8	35,205

(continued)

Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
78. Manassas Park City	0	0.0	0	0.0	11,319
79. Martinsville City	8	55.0	1	6.9	14,543
80. Mathews County	1	11.1	0	0.0	9,038
81. Mecklenburg County	0	0.0	2	6.2	32,162
82. Middlesex County	2	18.9	0	0.0	10,585
83. Montgomery County	13	14.4	0	0.0	89,967
84. Nelson County	0	0.0	0	0.0	15,321
85. New Kent County	2	11.2	0	0.0	17,825
86. Newport News City	16	8.9	2	1.1	179,614
87. Norfolk City	18	7.7	1	0.4	234,220
88. Northampton County	0	0.0	0	0.0	13,415
89. Northumberland County	0	0.0	1	7.7	12,915
90. Norton City	2	54.0	1	27.0	3,702
91. Nottoway County	0	0.0	0	0.0	15,892
92. Orange County	1	3.0	1	3.0	33,139
93. Page County	1	4.1	0	0.0	24,164
94. Patrick County	1	5.3	0	0.0	18,844
95. Petersburg City	9	27.3	1	3.0	32,916
96. Pittsylvania County	7	11.5	0	0.0	61,123
97. Poquoson City	1	8.5	1	8.5	11,829
98. Portsmouth City	11	10.9	1	1.0	100,577
99. Powhatan County	0	0.0	0	0.0	28,006
100. Prince Edward County	0	0.0	0	0.0	21,823
101. Prince George County	2	5.5	1	2.8	36,089
102. Prince William County	9	2.5	3	0.8	364,734
103. Pulaski County	9	25.7	0	0.0	34,987

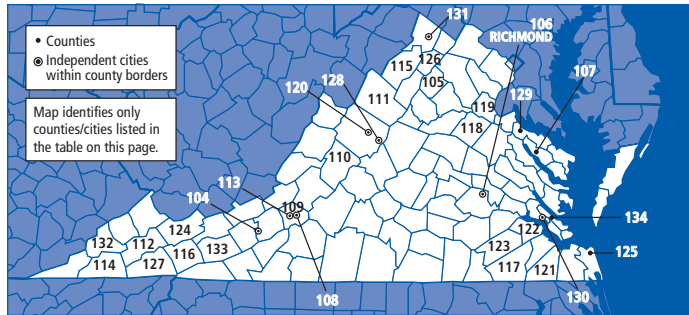
(continued)

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, 2008 (08/2009 update).



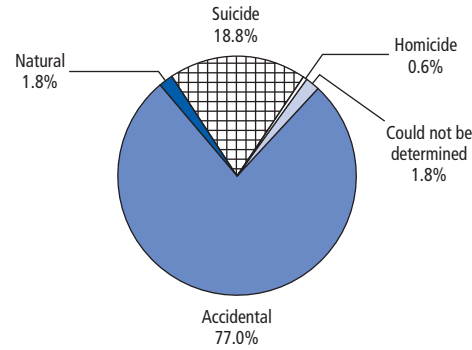
# Virginia



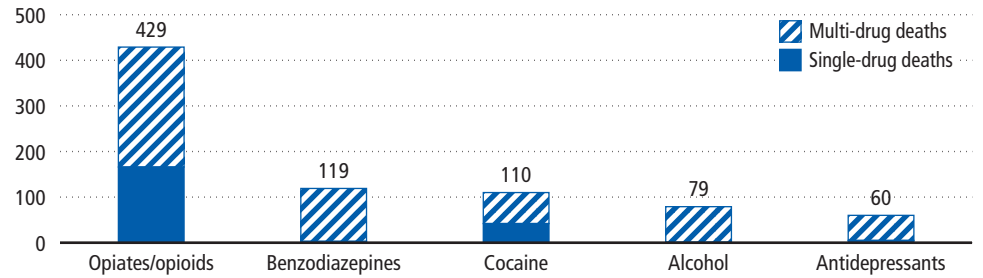
State overview: Deaths and population by county, 2008 (continued)

Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
104. Radford City	4	24.8	0	0.0	16,125
105. Rappahannock County	0	0.0	0	0.0	7,158
106. Richmond City	25	12.4	0	0.0	202,002
107. Richmond County	0	0.0	0	0.0	9,144
108. Roanoke City	17	18.3	3	3.2	92,967
109. Roanoke County	6	6.6	2	2.2	90,867
110. Rockbridge County	2	9.3	0	0.0	21,570
111. Rockingham County	2	2.7	1	1.3	74,394
112. Russell County	9	31.2	1	3.5	28,831
113. Salem City	7	27.5	1	3.9	25,449
114. Scott County	3	13.1	1	4.4	22,850
115. Shenandoah County	4	9.8	4	9.8	40,777
116. Smyth County	4	12.5	0	0.0	31,905
117. Southampton County	2	10.8	0	0.0	18,480
118. Spotsylvania County	3	2.5	4	3.3	120,031
119. Stafford County	1	0.8	3	2.5	121,736
120. Staunton City	4	16.7	0	0.0	23,967
121. Suffolk City	4	4.9	0	0.0	82,302
122. Surry County	0	0.0	0	0.0	7,128
123. Sussex County	0	0.0	0	0.0	12,148
124. Tazewell County	10	22.8	1	2.3	43,787
125. Virginia Beach City	28	6.5	7	1.6	433,746
126. Warren County	2	5.5	3	8.2	36,663
127. Washington County	6	11.3	1	1.9	53,038
128. Waynesboro City	2	9.1	0	0.0	21,953
129. Westmoreland County	0	0.0	1	5.7	17,462
130. Williamsburg City	0	0.0	0	0.0	12,481
131. Winchester City	5	19.3	5	19.3	25,897
132. Wise County	10	24.0	0	0.0	41,703
133. Wythe County	9	31.3	2	7.0	28,769
134. York County	5	8.2	1	1.6	61,027

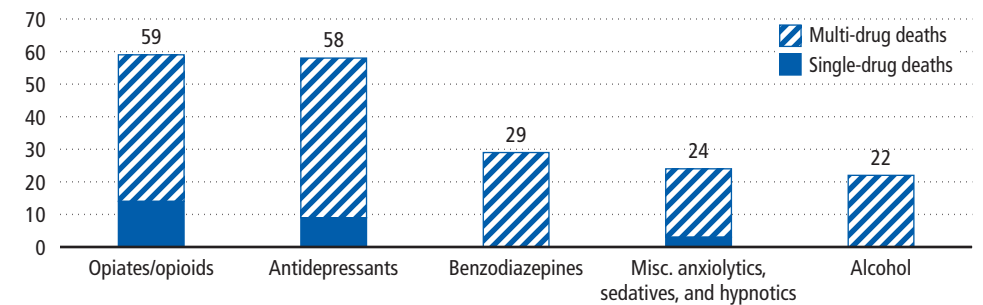
Deaths by manner of death, 2008



Top 5 drugs involved: Drug-related deaths, 2008



Top 5 drugs involved: Drug-related suicide deaths, 2008

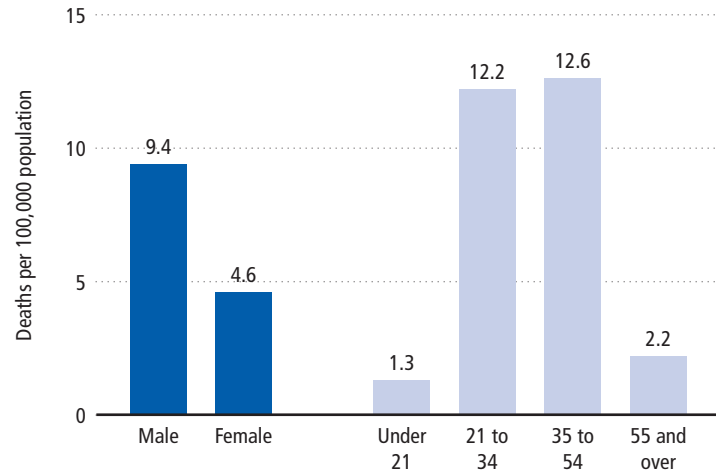


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

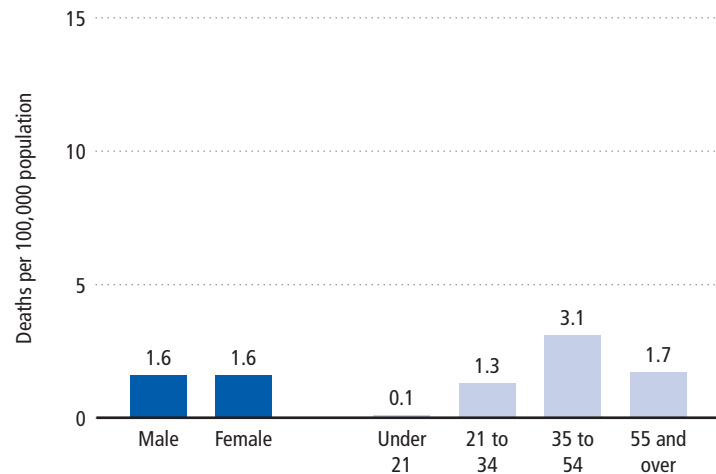
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Virginia

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	170	Health care facility	29
Home	298	Home	80
Public place	27	Public place	7
Other	45	Other	9
Not documented	0	Not documented	0

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>456</b>	<b>540</b>	<b>239</b>	<b>118</b>	<b>125</b>	<b>40</b>
Alcohol*	102	79	--	23	22	0
Cocaine	133	110	42	6	--	--
Marijuana	--	0	0	0	0	0
Stimulants	9	10	--	--	--	0
Club drugs†	--	--	--	0	0	0
Hallucinogens††	4	--	0	0	0	0
Inhalants	4	7	6	--	--	--
Antidepressants	74	60	5	43	58	9
Antipsychotics	13	13	--	21	10	--
Benzodiazepines	103	119	--	24	29	0
Misc. anxiolytics, sedatives, and hypnotics	31	27	--	22	24	--
Opiates/opioids	360	429	166	54	59	14
Heroin (specified)	73	88	53	--	0	0
Methadone	118	122	49	9	9	--
All other opiates/opioids	202	252	64	46	52	12
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	--	0	0	--	--	--
Misc. analgesics/combinations	16	23	7	14	11	--
Anticonvulsants	4	--	0	0	--	0
Muscle relaxants	24	22	0	6	14	--

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

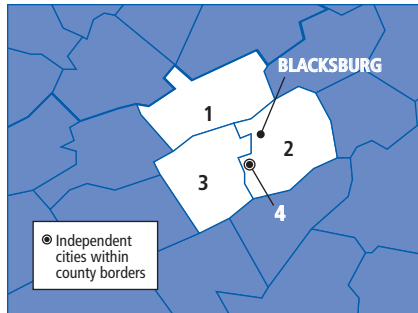
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

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, 2008 (08/2009 update).

# Blacksburg-Christiansburg-Radford, VA

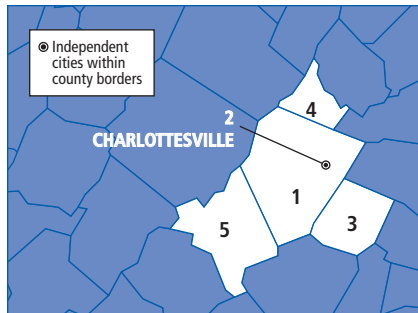


<b>Deaths reported to DAWN</b>	
Drug-related.....	28
Drug-related suicide.....	0
<b>Metro area population, 2008</b> ..... 158,328	
<b>Population covered by DAWN</b> ..... 158,328	
<b>Percent of population covered by DAWN</b> ..... 100%	

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (4)</b>	<b>28</b>	<b>17.7</b>	<b>0</b>	<b>0.0</b>	<b>158,328</b>
1. Giles County, VA	2	11.6	0	0.0	17,249
2. Montgomery County, VA	13	14.4	0	0.0	89,967
3. Pulaski County, VA	9	25.7	0	0.0	34,987
4. Radford City, VA	4	24.8	0	0.0	16,125

# Charlottesville, VA



<b>Deaths reported to DAWN</b>	
Drug-related.....	7
Drug-related suicide.....	3
<b>Metro area population, 2008</b> ..... 194,391	
<b>Population covered by DAWN</b> ..... 194,391	
<b>Percent of population covered by DAWN</b> ..... 100%	

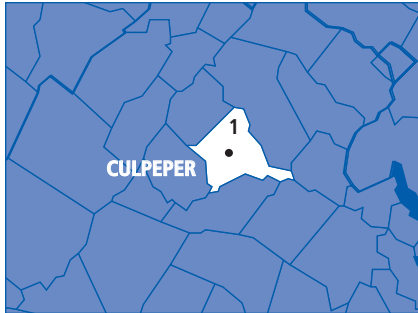
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (5)</b>	<b>7</b>	<b>3.6</b>	<b>3</b>	<b>1.5</b>	<b>194,391</b>
1. Albemarle County, VA	0	0.0	1	1.1	94,075
2. Charlottesville City, VA	7	16.9	2	4.8	41,487
3. Fluvanna County, VA	0	0.0	0	0.0	25,544
4. Greene County, VA	0	0.0	0	0.0	17,964
5. Nelson County, VA	0	0.0	0	0.0	15,321

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, 2008 (08/2009 update).

## Culpeper, VA

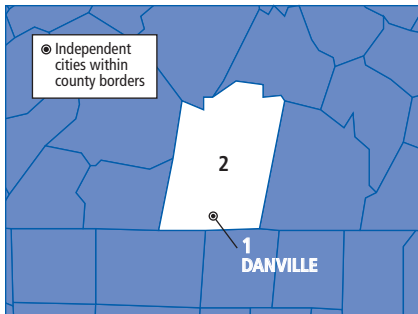


<b>Deaths reported to DAWN</b>	
Drug-related.....	6
Drug-related suicide.....	1
<b>Metro area population, 2008</b> ..... 46,203	
<b>Population covered by DAWN</b> ..... 46,203	
<b>Percent of population covered by DAWN</b> ..... 100%	

### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>6</b>	<b>13.0</b>	<b>1</b>	<b>2.2</b>	<b>46,203</b>
1. Culpeper County, VA	6	13.0	1	2.2	46,203

## Danville, VA



<b>Deaths reported to DAWN</b>	
Drug-related.....	11
Drug-related suicide.....	0
<b>Metro area population, 2008</b> ..... 105,783	
<b>Population covered by DAWN</b> ..... 105,783	
<b>Percent of population covered by DAWN</b> ..... 100%	

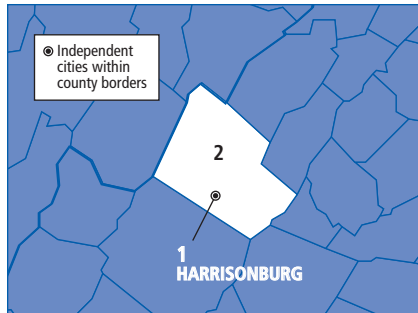
### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (2)</b>	<b>11</b>	<b>10.4</b>	<b>0</b>	<b>0.0</b>	<b>105,783</b>
1. Danville City, VA	4	9.0	0	0.0	44,660
2. Pittsylvania County, VA	7	11.5	0	0.0	61,123

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, 2008 (08/2009 update).

# Harrisonburg, VA

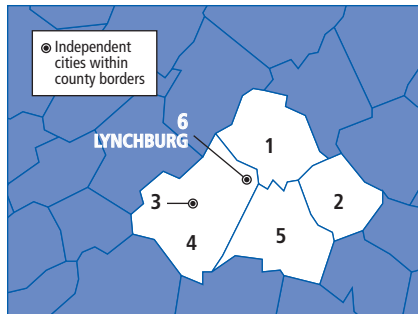


<b>Deaths reported to DAWN</b>	
Drug-related.....	3
Drug-related suicide.....	3
<b>Metro area population, 2008</b> ..... 118,409	
<b>Population covered by DAWN</b> ..... 118,409	
<b>Percent of population covered by DAWN</b> ..... 100%	

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (2)</b>	<b>3</b>	<b>2.5</b>	<b>3</b>	<b>2.5</b>	<b>118,409</b>
1. Harrisonburg City, VA	1	2.3	2	4.5	44,015
2. Rockingham County, VA	2	2.7	1	1.3	74,394

# Lynchburg, VA



<b>Deaths reported to DAWN</b>	
Drug-related.....	10
Drug-related suicide.....	2
<b>Metro area population, 2008</b> ..... 245,809	
<b>Population covered by DAWN</b> ..... 245,809	
<b>Percent of population covered by DAWN</b> ..... 100%	

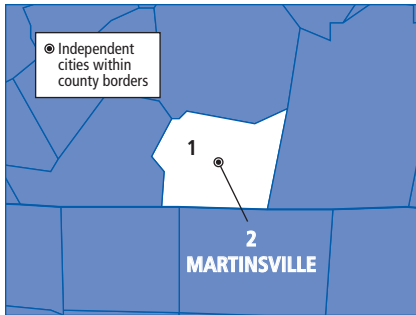
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (6)</b>	<b>10</b>	<b>4.1</b>	<b>2</b>	<b>0.8</b>	<b>245,809</b>
1. Amherst County, VA	1	3.1	0	0.0	32,539
2. Appomattox County, VA	0	0.0	0	0.0	14,501
3. Bedford City, VA	0	0.0	0	0.0	6,312
4. Bedford County, VA	3	4.5	0	0.0	66,831
5. Campbell County, VA	1	1.9	1	1.9	53,030
6. Lynchburg City, VA	5	6.9	1	1.4	72,596

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, 2008 (08/2009 update).

# Martinsville, VA



<b>Deaths reported to DAWN</b>	
Drug-related.....	19
Drug-related suicide.....	3
<b>Metro area population, 2008.....</b>	
	69,859
<b>Population covered by DAWN.....</b>	
	69,859
<b>Percent of population covered by DAWN.....</b>	
	100%

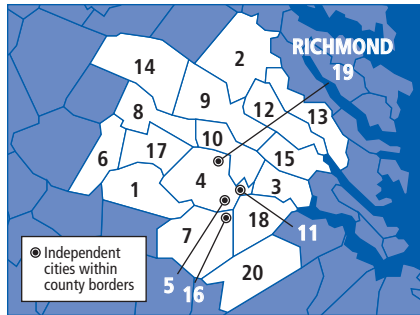
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (2)</b>	<b>19</b>	<b>27.2</b>	<b>3</b>	<b>4.3</b>	<b>69,859</b>
1. Henry County, VA	11	19.9	2	3.6	55,316
2. Martinsville City, VA	8	55.0	1	6.9	14,543

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, 2008 (08/2009 update).

# Richmond, VA

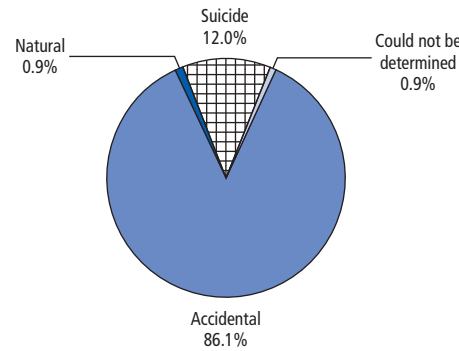


<b>Deaths reported to DAWN</b>	
Drug-related.....	95
Drug-related suicide.....	13
<b>Metro area population, 2008.....</b>	<b>1,225,626</b>
<b>Population covered by DAWN.....</b>	<b>1,225,626</b>
<b>Percent of population covered by DAWN.....</b>	<b>100%</b>

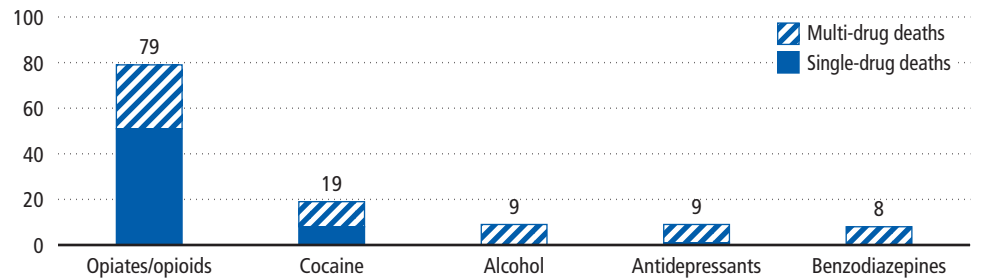
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (20)</b>	<b>95</b>	<b>7.8</b>	<b>13</b>	<b>1.1</b>	<b>1,225,626</b>
1. Amelia County, VA	0	0.0	0	0.0	12,808
2. Caroline County, VA	1	3.6	0	0.0	27,632
3. Charles City County, VA	1	13.9	0	0.0	7,212
4. Chesterfield County, VA	21	6.9	7	2.3	303,469
5. Colonial Heights City, VA	0	0.0	0	0.0	17,768
6. Cumberland County, VA	0	0.0	0	0.0	9,670
7. Dinwiddie County, VA	1	3.8	0	0.0	26,082
8. Goochland County, VA	0	0.0	0	0.0	20,956
9. Hanover County, VA	6	6.0	0	0.0	99,716
10. Henrico County, VA	20	6.8	2	0.7	292,599
11. Hopewell City, VA	4	17.3	0	0.0	23,142
12. King William County, VA	0	0.0	0	0.0	16,040
13. King and Queen County, VA	1	14.6	1	14.6	6,830
14. Louisa County, VA	2	6.1	1	3.1	32,716
15. New Kent County, VA	2	11.2	0	0.0	17,825
16. Petersburg City, VA	9	27.3	1	3.0	32,916
17. Powhatan County, VA	0	0.0	0	0.0	28,006
18. Prince George County, VA	2	5.5	1	2.8	36,089
19. Richmond City, VA	25	12.4	0	0.0	202,002
20. Sussex County, VA	0	0.0	0	0.0	12,148

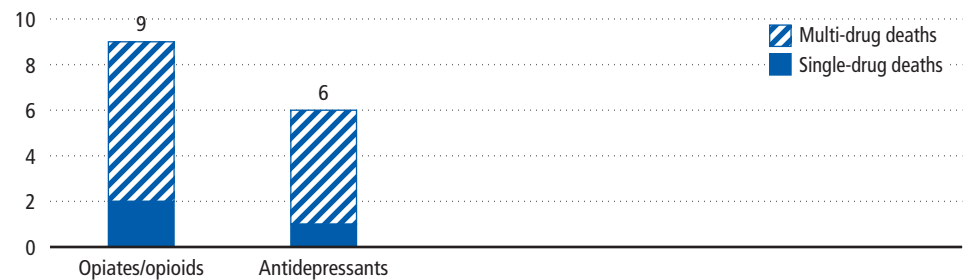
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

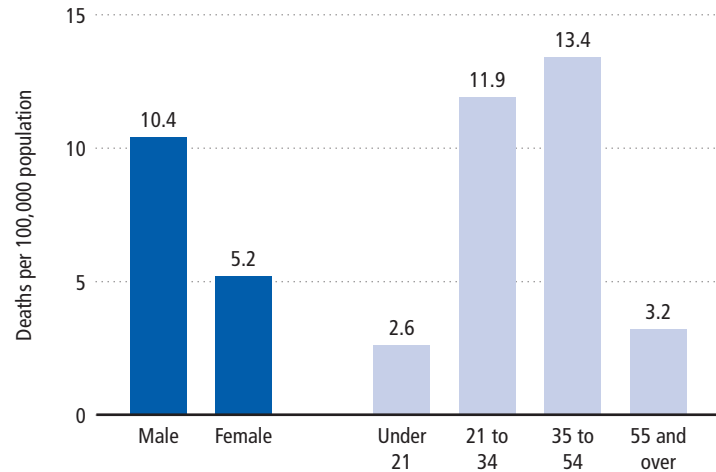


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

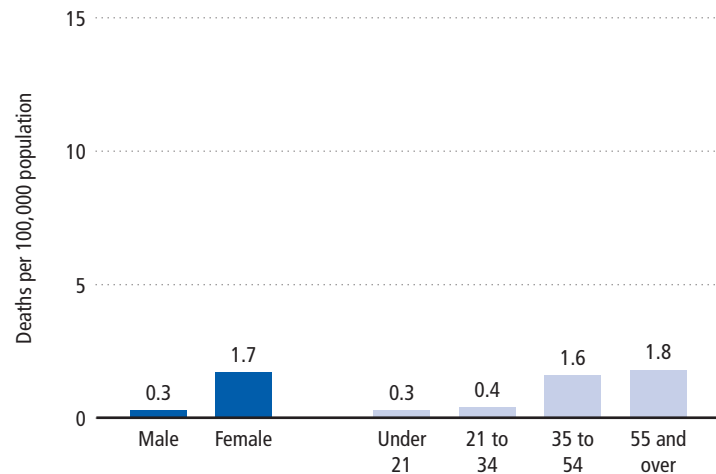
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Richmond, VA

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	31	Health care facility	--
Home	47	Home	8
Public place	5	Public place	--
Other	12	Other	--
Not documented	0	Not documented	0

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>51</b>	<b>95</b>	<b>64</b>	<b>12</b>	<b>13</b>	<b>--</b>
Alcohol*	7	9	0	--	0	--
Cocaine	25	19	8	--	0	--
Marijuana	0	0	0	0	0	--
Stimulants	0	0	0	0	0	--
Club drugs†	0	--	--	0	0	--
Hallucinogens††	0	0	0	0	0	--
Inhalants	0	--	--	0	0	--
Antidepressants	--	9	--	6	6	--
Antipsychotics	0	--	--	5	0	--
Benzodiazepines	--	8	0	--	--	--
Misc. anxiolytics, sedatives, and hypnotics	0	0	0	--	--	--
Opiates/opioids	34	79	51	6	9	--
Heroin (specified)	23	30	24	0	0	--
Methadone	--	22	10	--	--	--
All other opiates/opioids	10	31	17	5	8	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	--	0	0	0	0	--
Misc. analgesics/combinations	--	0	0	0	--	--
Anticonvulsants	0	0	0	0	0	--
Muscle relaxants	0	0	0	--	--	--

\* 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.

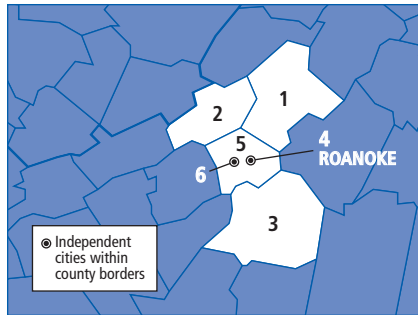
†† Includes PCP, LSD, and miscellaneous hallucinogens.

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, 2008 (08/2009 update).



# Roanoke, VA

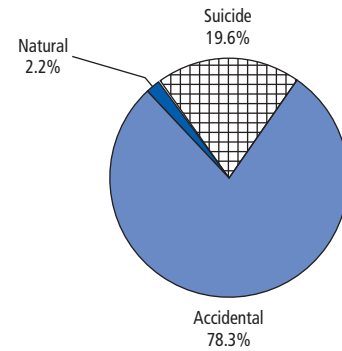


<b>Deaths reported to DAWN</b>	
Drug-related.....	37
Drug-related suicide.....	9
<b>Metro area population, 2008</b> .....	298,108
<b>Population covered by DAWN</b> .....	298,108
<b>Percent of population covered by DAWN</b> .....	100%

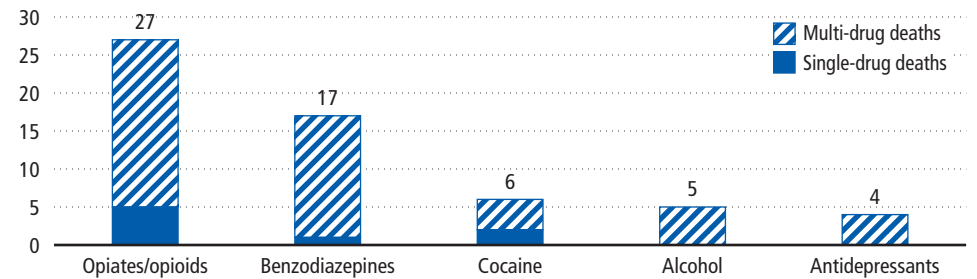
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (6)</b>	<b>37</b>	<b>12.4</b>	<b>9</b>	<b>3.0</b>	<b>298,108</b>
1. Botetourt County, VA	0	0.0	1	3.1	32,261
2. Craig County, VA	1	19.7	0	0.0	5,087
3. Franklin County, VA	6	11.7	2	3.9	51,477
4. Roanoke City, VA	17	18.3	3	3.2	92,967
5. Roanoke County, VA	6	6.6	2	2.2	90,867
6. Salem City, VA	7	27.5	1	3.9	25,449

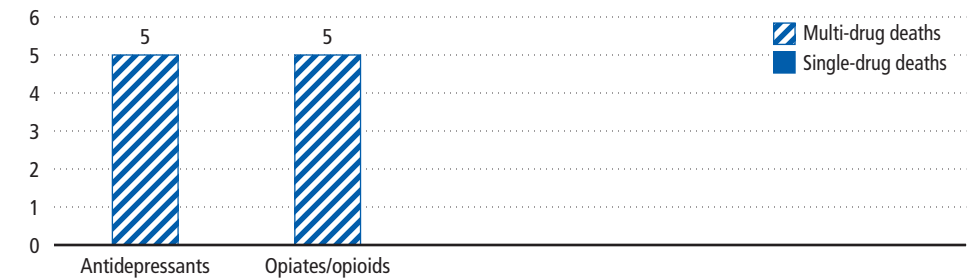
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

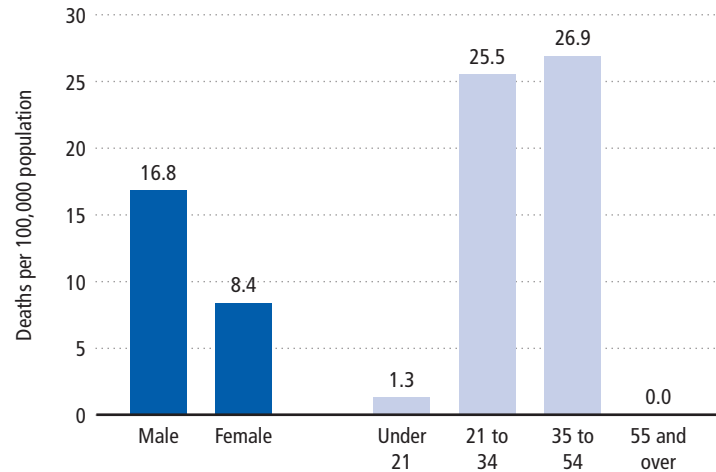


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

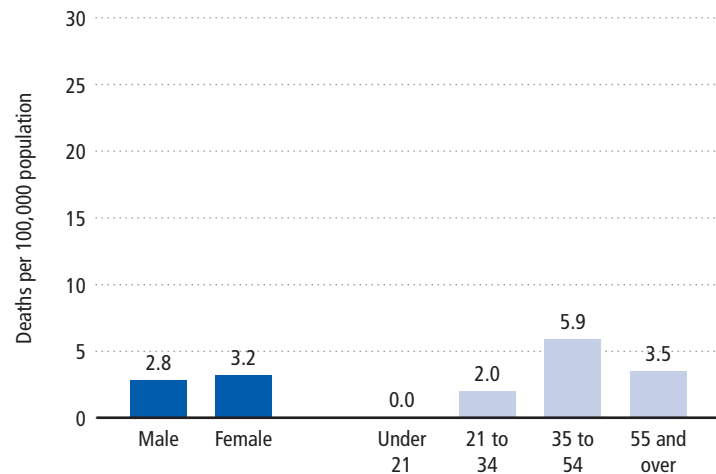
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Roanoke, VA

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	13	Health care facility	--
Home	19	Home	6
Public place	--	Public place	--
Other	--	Other	--
Not documented	0	Not documented	0

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>21</b>	<b>37</b>	<b>8</b>	<b>6</b>	<b>9</b>	<b>--</b>
Alcohol*	4	5	0	--	--	--
Cocaine	5	6	--	0	0	--
Marijuana	0	0	0	0	0	--
Stimulants	0	--	0	0	0	--
Club drugs†	0	0	0	0	0	--
Hallucinogens††	0	0	0	0	0	--
Inhalants	0	0	0	0	0	--
Antidepressants	6	4	0	--	5	--
Antipsychotics	--	--	0	--	--	--
Benzodiazepines	7	17	--	--	--	--
Misc. anxiolytics, sedatives, and hypnotics	5	--	0	0	--	--
Opiates/opioids	15	27	5	--	5	--
Heroin (specified)	--	5	--	0	0	--
Methadone	5	8	--	0	0	--
All other opiates/opioids	10	15	--	--	5	--
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	--
Salicylates/combinations	0	0	0	--	0	--
Misc. analgesics/combinations	--	4	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.

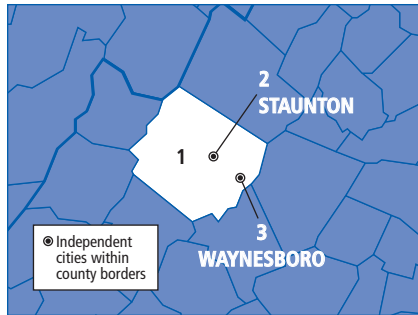
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

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, 2008 (08/2009 update).

# Staunton-Waynesboro, VA



<b>Deaths reported to DAWN</b>	
Drug-related.....	16
Drug-related suicide.....	3
<b>Metro area population, 2008.....</b>	
	117,170
<b>Population covered by DAWN.....</b>	
	117,170
<b>Percent of population covered by DAWN.....</b>	
	100%

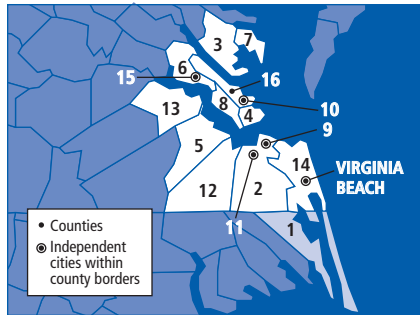
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (3)</b>	<b>16</b>	<b>13.7</b>	<b>3</b>	<b>2.6</b>	<b>117,170</b>
1. Augusta County, VA	10	14.0	3	4.2	71,250
2. Staunton City, VA	4	16.7	0	0.0	23,967
3. Waynesboro City, VA	2	9.1	0	0.0	21,953

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, 2008 (08/2009 update).

# Virginia Beach-Norfolk-Newport News, VA-NC

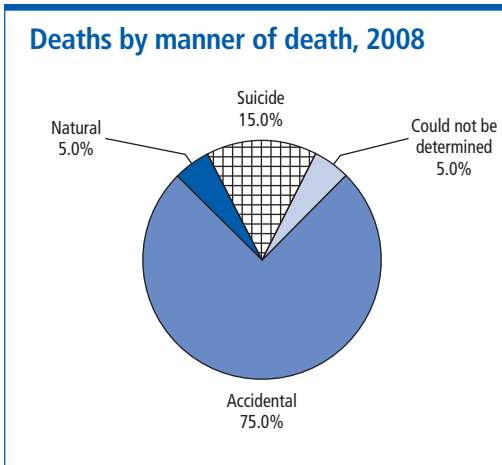


**Deaths reported to DAWN**  
 Drug-related.....102  
 Drug-related suicide.....18

**Metro area population, 2008**..... 1,658,292

**Population covered by DAWN**..... 1,634,109

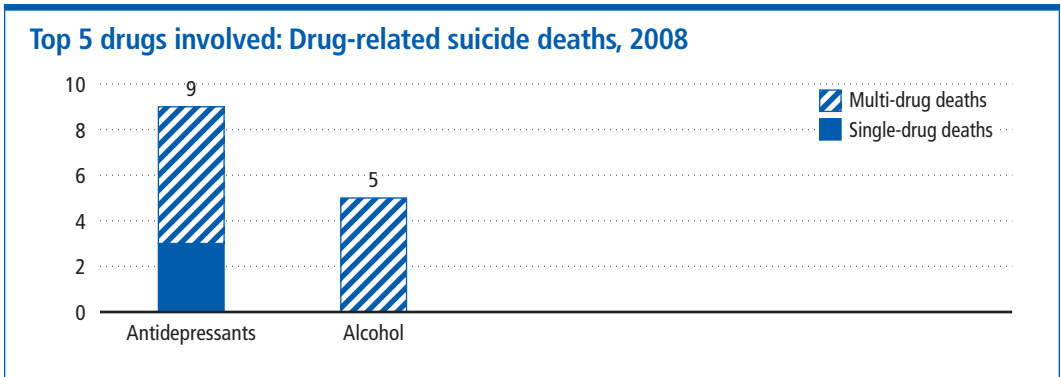
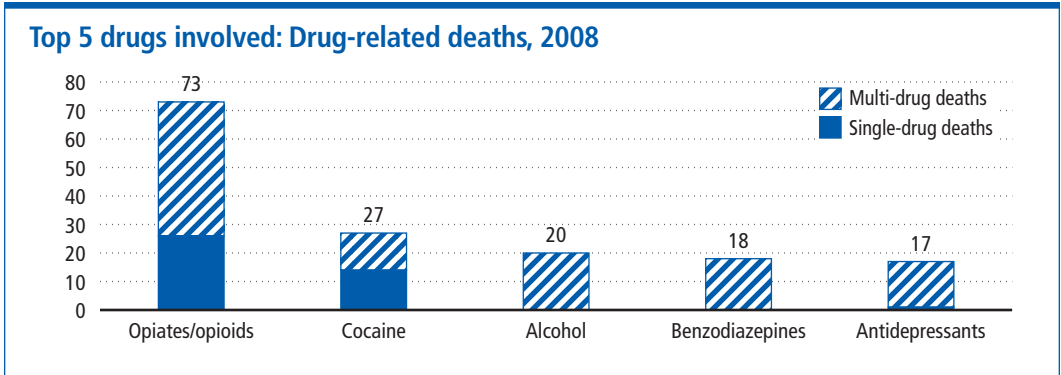
**Percent of population covered by DAWN**..... 99%



## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (15)</b>	<b>102</b>	<b>6.2</b>	<b>18</b>	<b>1.1</b>	<b>1,634,109</b>
1. Currituck County, NC					24,183
2. Chesapeake City, VA	7	3.2	3	1.4	220,111
3. Gloucester County, VA	2	5.2	1	2.6	38,656
4. Hampton City, VA	4	2.7	0	0.0	145,494
5. Isle of Wight County, VA	2	5.6	0	0.0	35,472
6. James City County, VA	3	4.8	1	1.6	62,414
7. Mathews County, VA	1	11.1	0	0.0	9,038
8. Newport News City, VA	16	8.9	2	1.1	179,614
9. Norfolk City, VA	18	7.7	1	0.4	234,220
10. Poquoson City, VA	1	8.5	1	8.5	11,829
11. Portsmouth City, VA	11	10.9	1	1.0	100,577
12. Suffolk City, VA	4	4.9	0	0.0	82,302
13. Surry County, VA	0	0.0	0	0.0	7,128
14. Virginia Beach City, VA	28	6.5	7	1.6	433,746
15. Williamsburg City, VA	0	0.0	0	0.0	12,481
16. York County, VA	5	8.2	1	1.6	61,027

Shaded areas did not participate in DAWN this year.

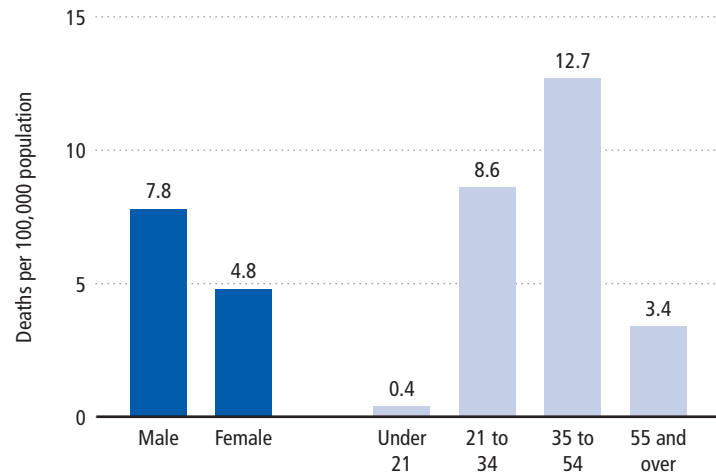


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

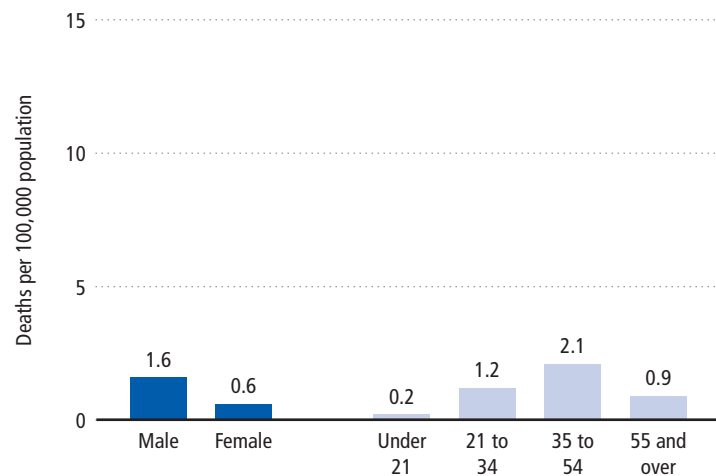
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Virginia Beach-Norfolk-Newport News, VA-NC

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	24	Health care facility	6
Home	66	Home	8
Public place	5	Public place	--
Other	7	Other	--
Not documented	0	Not documented	0

**Drug-related deaths by drug category, 2007-2008**

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>110</b>	<b>102</b>	<b>45</b>	<b>20</b>	<b>18</b>	<b>8</b>
Alcohol*	32	20	0	5	5	0
Cocaine	40	27	14	--	--	--
Marijuana	--	0	0	0	0	0
Stimulants	--	--	0	0	0	0
Club drugs†	0	--	0	0	0	0
Hallucinogens††	0	0	0	0	0	0
Inhalants	0	0	0	0	--	--
Antidepressants	15	17	--	7	9	--
Antipsychotics	7	7	--	--	--	0
Benzodiazepines	15	18	0	5	--	0
Misc. anxiolytics, sedatives, and hypnotics	10	8	0	7	--	--
Opiates/opioids	87	73	26	8	--	0
Heroin (specified)	28	15	9	--	0	0
Methadone	23	18	7	--	0	0
All other opiates/opioids	40	46	10	6	--	0
Nonsteroidal anti-inflammatory agents	0	0	0	0	0	0
Salicylates/combinations	0	0	0	0	--	--
Misc. analgesics/combinations	--	6	--	--	--	0
Anticonvulsants	--	--	0	0	0	0
Muscle relaxants	7	--	0	--	--	0

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

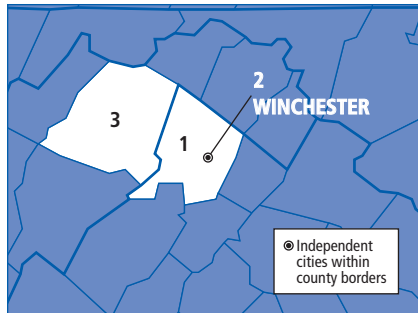
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

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, 2008 (08/2009 update).

# Winchester, VA-WV



<b>Deaths reported to DAWN</b>	
Drug-related.....	14
Drug-related suicide.....	5
<b>Metro area population, 2008.....</b>	
	122,369
<b>Population covered by DAWN.....</b>	
	122,369
<b>Percent of population covered by DAWN.....</b>	
	100%

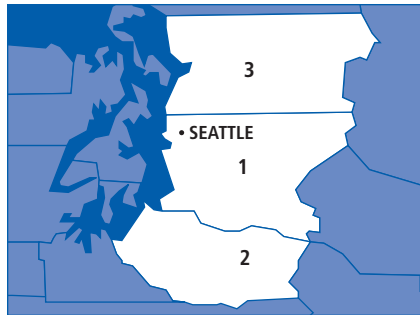
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (3)</b>	<b>14</b>	<b>11.4</b>	<b>5</b>	<b>4.1</b>	<b>122,369</b>
1. Frederick County, VA	5	6.8	0	0.0	73,898
2. Winchester City, VA	5	19.3	5	19.3	25,897
3. Hampshire County, WV	4	17.7	0	0.0	22,574

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, 2008 (08/2009 update).

# Seattle-Tacoma-Bellevue, WA



Deaths reported to DAWN  
 Drug-related.....569  
 Drug-related suicide.....71

Metro area  
 population, 2008..... 3,344,813

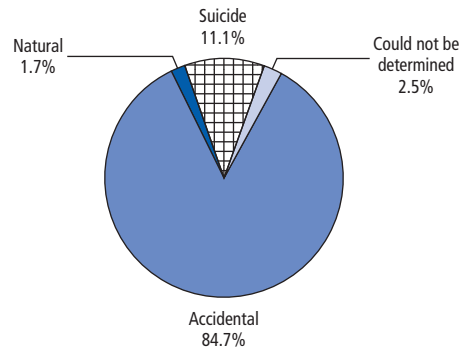
Population  
 covered by DAWN..... 3,344,813

Percent of population  
 covered by DAWN..... 100%

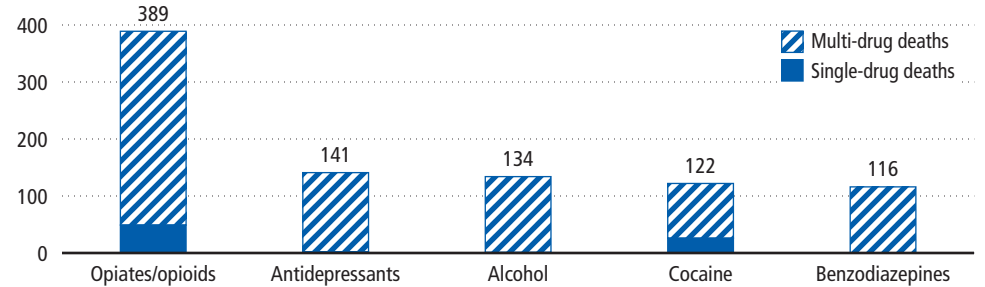
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (3)</b>	<b>569</b>	<b>17.0</b>	<b>71</b>	<b>2.1</b>	<b>3,344,813</b>
1. King County, WA	305	16.3	38	2.0	1,875,519
2. Pierce County, WA	150	19.1	23	2.9	785,639
3. Snohomish County, WA	114	16.7	10	1.5	683,655

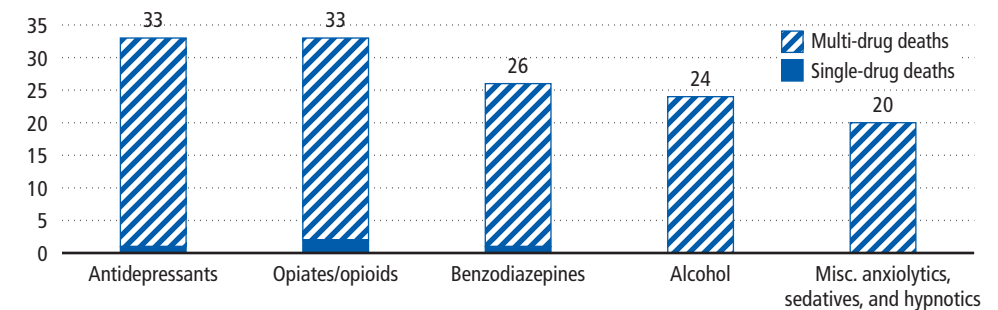
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

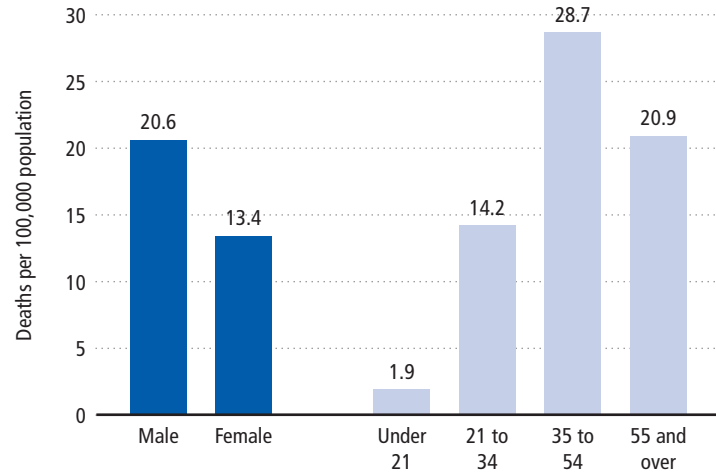


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

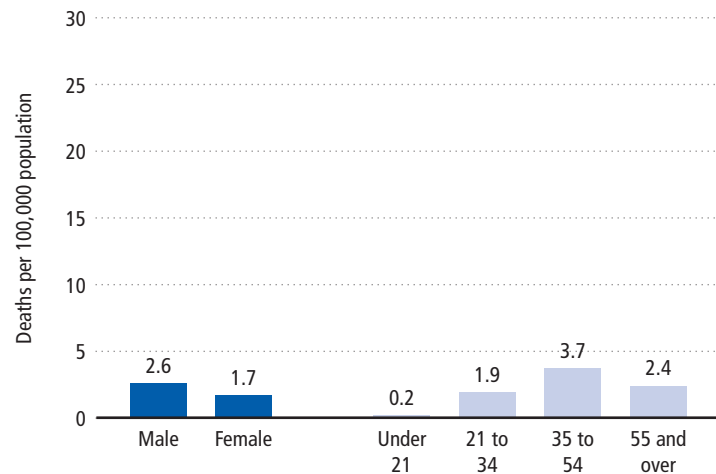
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Seattle-Tacoma-Bellevue, WA

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	163	Health care facility	14
Home	312	Home	44
Public place	44	Public place	6
Other	49	Other	7
Not documented	--	Not documented	0

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>494</b>	<b>569</b>	<b>169</b>	<b>77</b>	<b>71</b>	<b>10</b>
Alcohol*	115	134	--	27	24	0
Cocaine	137	122	26	8	--	0
Marijuana	24	22	0	5	--	0
Stimulants	59	47	18	5	4	0
Club drugs†	--	--	--	--	0	0
Hallucinogenst††	--	--	--	--	0	0
Inhalants	--	--	--	--	4	--
Antidepressants	133	141	--	31	33	--
Antipsychotics	21	24	4	7	9	0
Benzodiazepines	78	116	0	24	26	--
Misc. anxiolytics, sedatives, and hypnotics	55	72	0	24	20	0
Opiates/opioids	330	389	49	32	33	--
Heroin (specified)	71	68	11	--	5	--
Methadone	143	174	26	4	--	0
All other opiates/opioids	177	219	12	30	28	0
Nonsteroidal anti-inflammatory agents	--	--	0	--	--	0
Salicylates/combinations	4	12	5	4	--	0
Misc. analgesics/combinations	33	22	--	20	18	--
Anticonvulsants	31	24	0	10	5	0
Muscle relaxants	30	30	0	8	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.

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, 2008 (08/2009 update).



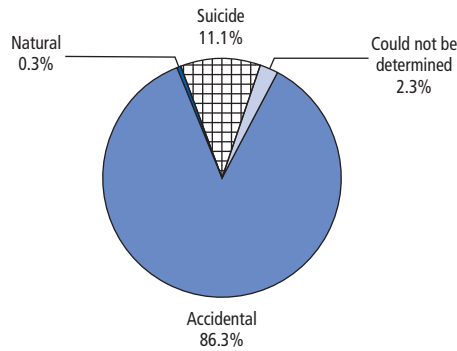
# Seattle-Tacoma-Bellevue, WA: King County, WA



## King County, WA: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	305
Drug-related suicide.....	38
<b>Population</b> .....	1,875,519
<b>Deaths per 100,000 population</b>	
Drug-related.....	16.3
Drug-related suicide.....	2.0

## Deaths by manner of death, 2008



## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility		107
Home		139
Public place		27
Other		32
Not documented		0
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility		7
Home		22
Public place		4
Other		5
Not documented		0

## Drug-related deaths by drug category, 2007-2008

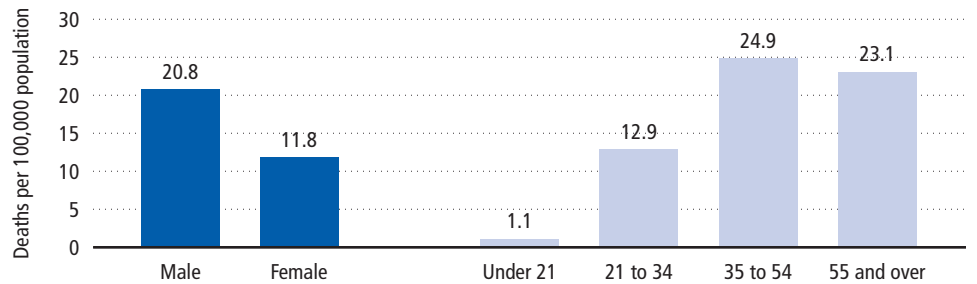
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>315</b>	<b>305</b>	<b>109</b>	<b>51</b>	<b>38</b>	<b>7</b>
Alcohol*	77	70	0	14	15	0
Cocaine	91	75	17	7	--	0
Marijuana	6	0	0	--	0	0
Stimulants	29	16	8	--	--	0
Club drugs†	--	--	--	--	0	0
Hallucinogens††	--	0	0	--	0	0
Inhalants	--	--	--	0	--	--
Antidepressants	74	69	0	18	14	--
Antipsychotics	9	15	--	5	5	0
Benzodiazepines	32	58	0	18	14	0
Misc. anxiolytics, sedatives, and hypnotics	33	42	0	15	11	0
Opiates/opioids	192	194	28	22	15	--
Heroin (specified)	57	45	8	0	--	--
Methadone	80	91	15	--	--	0
All other opiates/opioids	89	96	5	21	10	0
Nonsteroidal anti-inflammatory agents	--	0	0	--	0	0
Salicylates/combinations	--	10	5	--	--	0
Misc. analgesics/combinations	18	5	--	15	10	--
Anticonvulsants	23	15	0	7	--	0
Muscle relaxants	10	13	0	5	--	0

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

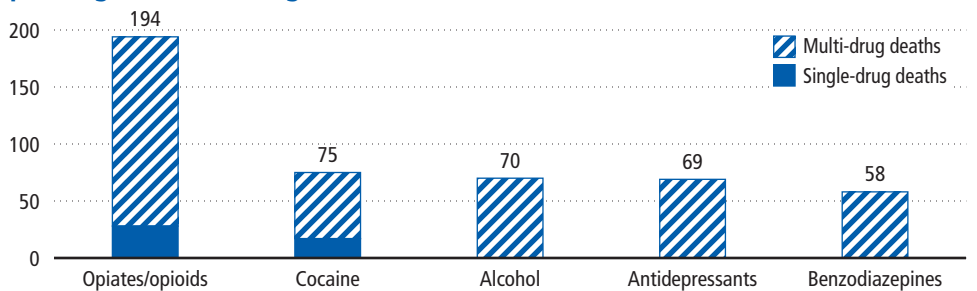
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

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



## Pierce County, WA: Deaths and population, 2008

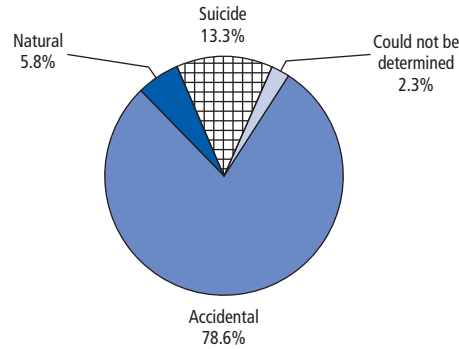
**Deaths reported to DAWN**

Drug-related.....	150
Drug-related suicide.....	23
<b>Population .....</b>	<b>785,639</b>

**Deaths per 100,000 population**

Drug-related.....	19.1
Drug-related suicide.....	2.9

## Deaths by manner of death, 2008



## Place of death, 2008

Drug-related	Deaths
Health care facility	33
Home	97
Public place	10
Other	9
Not documented	--

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

## Drug-related deaths by drug category, 2007-2008

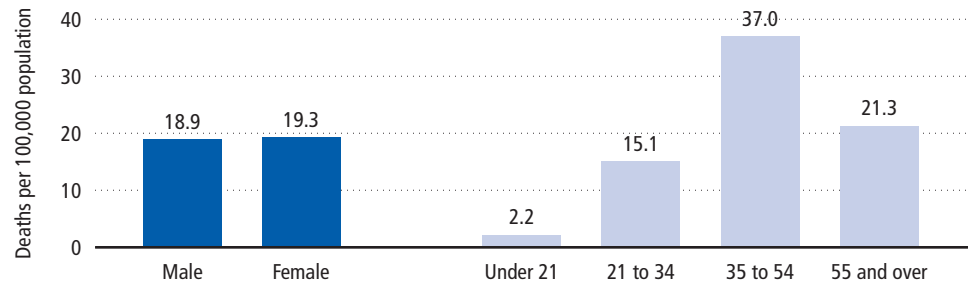
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>106</b>	<b>150</b>	<b>40</b>	<b>15</b>	<b>23</b>	<b>--</b>
Alcohol*	21	36	--	11	7	--
Cocaine	25	25	4	--	--	--
Marijuana	18	22	0	--	--	--
Stimulants	22	22	5	--	--	--
Club drugs†	0	--	0	0	0	--
Hallucinogens††	0	--	--	0	0	--
Inhalants	0	--	--	0	--	--
Antidepressants	32	34	--	7	12	--
Antipsychotics	4	--	--	--	--	--
Benzodiazepines	26	29	0	4	6	--
Misc. anxiolytics, sedatives, and hypnotics	10	15	0	5	6	--
Opiates/opioids	80	100	13	4	12	--
Heroin (specified)	14	21	--	--	--	--
Methadone	34	46	8	0	--	--
All other opiates/opioids	53	54	--	4	12	--
Nonsteroidal anti-inflammatory agents	--	0	0	0	0	--
Salicylates/combinations	--	--	0	0	0	--
Misc. analgesics/combinations	5	7	0	--	4	--
Anticonvulsants	4	--	0	--	0	--
Muscle relaxants	12	6	0	--	--	--

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

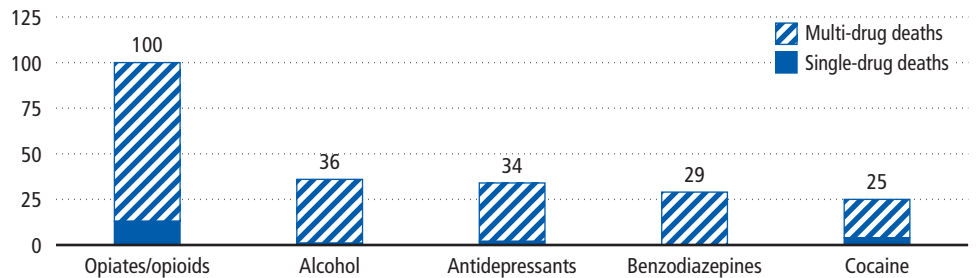
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

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



## Snohomish County, WA: Deaths and population, 2008

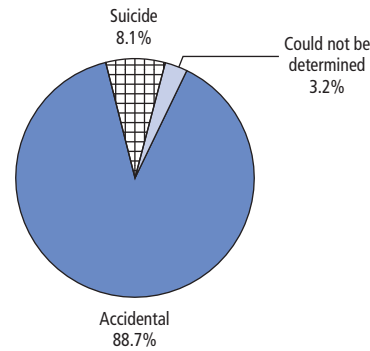
**Deaths reported to DAWN**

Drug-related.....	114
Drug-related suicide.....	10
<b>Population .....</b>	<b>683,655</b>

**Deaths per 100,000 population**

Drug-related.....	16.7
Drug-related suicide.....	1.5

## Deaths by manner of death, 2008



## Place of death, 2008

Drug-related	Deaths
Health care facility	23
Home	76
Public place	7
Other	8
Not documented	0

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

## Drug-related deaths by drug category, 2007-2008

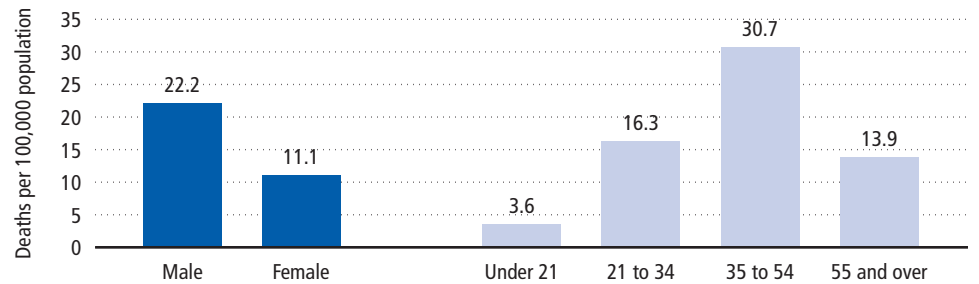
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>73</b>	<b>114</b>	<b>20</b>	<b>11</b>	<b>10</b>	<b>--</b>
Alcohol*	17	28	0	--	--	--
Cocaine	21	22	5	0	0	--
Marijuana	0	0	0	0	0	--
Stimulants	8	9	5	0	0	--
Club drugs†	--	0	0	0	0	--
Hallucinogens††	0	0	0	0	0	--
Inhalants	0	0	0	--	0	--
Antidepressants	27	38	0	6	7	--
Antipsychotics	8	6	--	--	--	--
Benzodiazepines	20	29	0	--	6	--
Misc. anxiolytics, sedatives, and hypnotics	12	15	0	4	--	--
Opiates/opioids	58	95	8	6	6	--
Heroin (specified)	0	--	0	0	0	--
Methadone	29	37	--	--	0	--
All other opiates/opioids	35	69	5	5	6	--
Nonsteroidal anti-inflammatory agents	0	--	0	0	--	--
Salicylates/combinations	0	0	0	--	0	--
Misc. analgesics/combinations	10	10	0	--	4	--
Anticonvulsants	4	7	0	--	--	--
Muscle relaxants	8	11	0	--	--	--

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

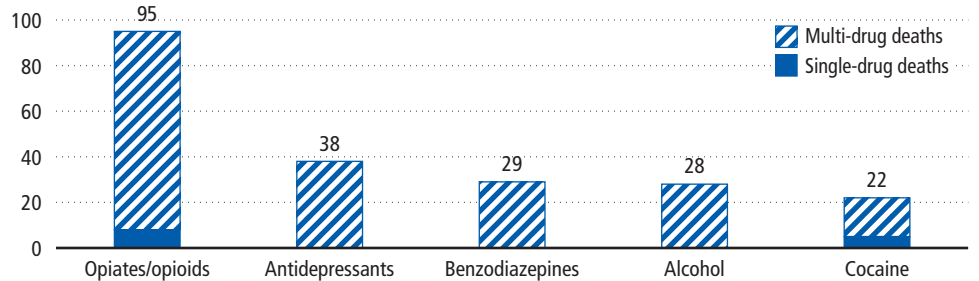
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

## Death rates by gender and age: Drug-related, 2008



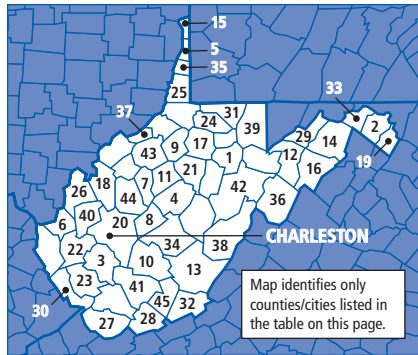
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

# West Virginia



## Deaths reported to DAWN

Drug-related.....463  
Drug-related suicide.....38

## State

population, 2008..... 1,814,468

## Population

covered by DAWN..... 1,814,468

## Percent of population

covered by DAWN..... 100%

## State overview: Deaths and population by county, 2008

Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (55)</b>	<b>463</b>	<b>25.5</b>	<b>38</b>	<b>2.1</b>	<b>1,814,468</b>
1. Barbour County	1	6.4	0	0.0	15,600
2. Berkeley County	23	22.5	2	2.0	102,044
3. Boone County	12	48.0	1	4.0	24,977
4. Braxton County	5	34.0	0	0.0	14,700
5. Brooke County	7	29.8	0	0.0	23,520
6. Cabell County	38	40.2	1	1.1	94,631
7. Calhoun County	0	0.0	0	0.0	7,212
8. Clay County	2	19.9	0	0.0	10,075
9. Doddridge County	0	0.0	0	0.0	7,201
10. Fayette County	11	23.7	1	2.2	46,341
11. Gilmer County	2	29.1	0	0.0	6,873
12. Grant County	1	8.3	0	0.0	12,047
13. Greenbrier County	7	20.3	1	2.9	34,567
14. Hampshire County	4	17.7	0	0.0	22,574
15. Hancock County	6	20.0	0	0.0	30,008
16. Hardy County	1	7.4	0	0.0	13,591
17. Harrison County	11	16.0	4	5.8	68,853
18. Jackson County	6	21.3	2	7.1	28,157
19. Jefferson County	12	23.2	1	1.9	51,615
20. Kanawha County	64	33.5	4	2.1	191,018
21. Lewis County	3	17.4	0	0.0	17,281
22. Lincoln County	6	26.8	0	0.0	22,386

(continued)

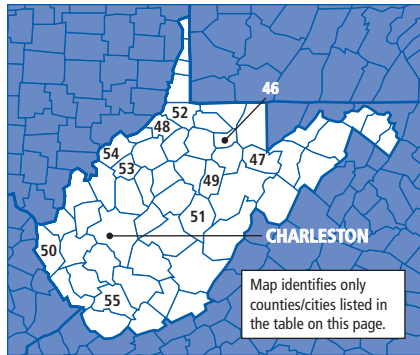
Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
23. Logan County	10	28.1	0	0.0	35,525
24. Marion County	8	14.2	3	5.3	56,496
25. Marshall County	6	18.3	0	0.0	32,766
26. Mason County	6	23.4	0	0.0	25,678
27. McDowell County	22	96.9	0	0.0	22,707
28. Mercer County	29	47.2	0	0.0	61,500
29. Mineral County	6	22.4	0	0.0	26,795
30. Mingo County	15	56.9	0	0.0	26,352
31. Monongalia County	18	20.4	1	1.1	88,221
32. Monroe County	1	7.3	0	0.0	13,739
33. Morgan County	3	18.4	1	6.1	16,325
34. Nicholas County	6	23.0	0	0.0	26,137
35. Ohio County	5	11.3	1	2.3	44,106
36. Pendleton County	1	13.2	0	0.0	7,582
37. Pleasants County	0	0.0	1	14.0	7,150
38. Pocahontas County	4	47.2	0	0.0	8,472
39. Preston County	3	9.9	0	0.0	30,285
40. Putnam County	8	14.4	1	1.8	55,488
41. Raleigh County	20	25.2	3	3.8	79,357
42. Randolph County	5	17.7	0	0.0	28,264
43. Ritchie County	1	9.7	1	9.7	10,308
44. Roane County	1	6.6	0	0.0	15,169
45. Summers County	8	61.5	2	15.4	13,017

(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, 2008 (08/2009 update).

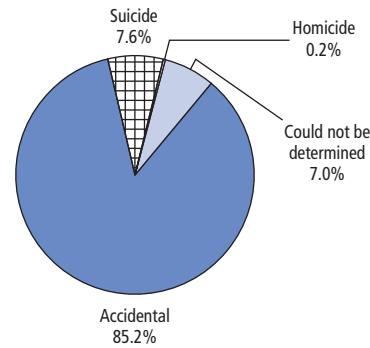
# West Virginia



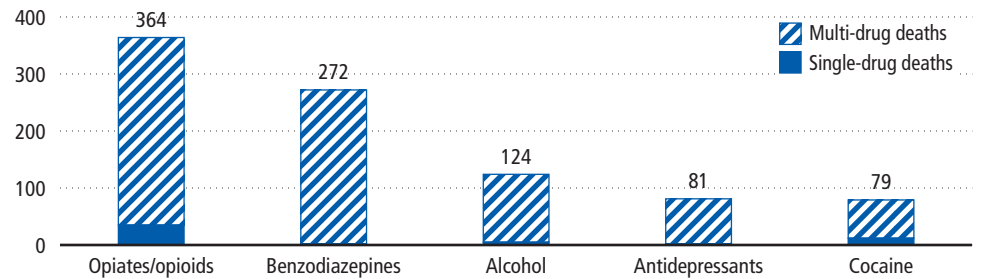
## State overview: Deaths and population by county, 2008 (continued)

Counties	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (55)</b>	<b>463</b>	<b>25.5</b>	<b>38</b>	<b>2.1</b>	<b>1,814,468</b>
46. Taylor County	6	37.1	0	0.0	16,158
47. Tucker County	0	0.0	0	0.0	6,877
48. Tyler County	2	22.6	0	0.0	8,841
49. Upshur County	4	17.0	1	4.2	23,582
50. Wayne County	5	12.2	1	2.4	41,082
51. Webster County	1	10.6	1	10.6	9,394
52. Wetzel County	3	18.4	0	0.0	16,329
53. Wirt County	1	17.4	1	17.4	5,757
54. Wood County	12	13.9	2	2.3	86,204
55. Wyoming County	21	89.2	1	4.2	23,534

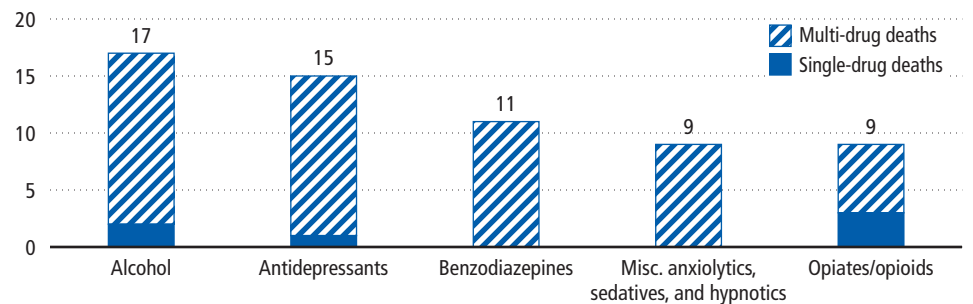
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

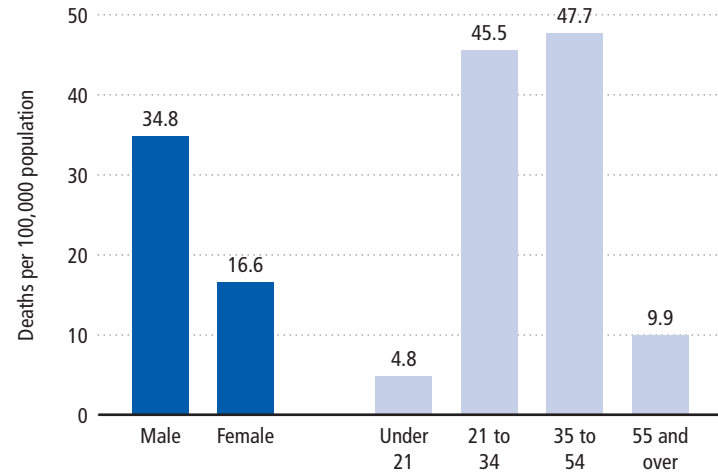


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

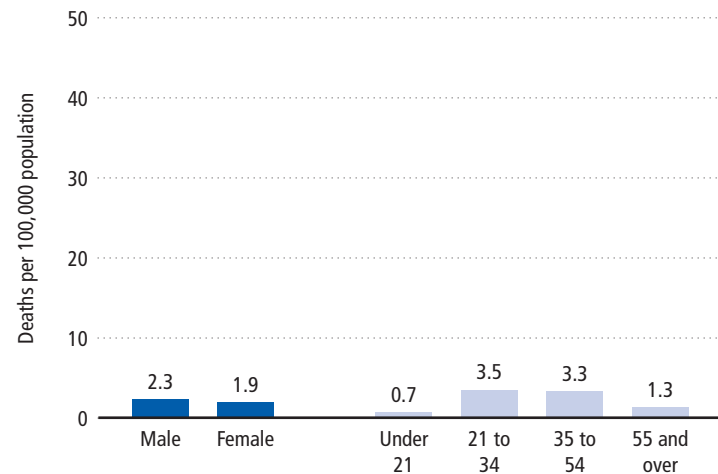
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# West Virginia

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	128	Health care facility	7
Home	222	Home	24
Public place	49	Public place	4
Other	64	Other	--
Not documented	0	Not documented	0

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>		<b>463</b>	<b>68</b>		<b>38</b>	<b>10</b>
Alcohol*		124	5		17	--
Cocaine		79	12		--	--
Marijuana		9	--		--	--
Stimulants		4	0		0	0
Club drugs†		0	0		0	0
Hallucinogenst††		0	0		0	0
Inhalants		--	--		--	0
Antidepressants		81	--		15	--
Antipsychotics		12	--		--	0
Benzodiazepines		272	--		11	0
Misc. anxiolytics, sedatives, and hypnotics		38	--		9	0
Opiates/opioids		364	35		9	--
Heroin (specified)		34	5		0	0
Methadone		86	13		--	--
All other opiates/opioids		269	17		7	--
Nonsteroidal anti-inflammatory agents		0	0		--	0
Salicylates/combinations		--	--		0	0
Misc. analgesics/combinations		29	5		9	--
Anticonvulsants		14	0		--	0
Muscle relaxants		28	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, 2008 (08/2009 update).

# Beckley, WV



<b>Deaths reported to DAWN</b>	
Drug-related.....	20
Drug-related suicide.....	3
<b>Metro area population, 2008.....</b>	
	79,357
<b>Population covered by DAWN.....</b>	
	79,357
<b>Percent of population covered by DAWN.....</b>	
	100%

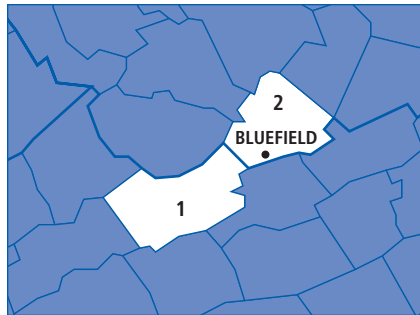
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>20</b>	<b>25.2</b>	<b>3</b>	<b>3.8</b>	<b>79,357</b>
1. Raleigh County, WV	20	25.2	3	3.8	79,357

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, 2008 (08/2009 update).

# Bluefield, WV-VA



**Deaths reported to DAWN**

Drug-related.....	39
Drug-related suicide.....	1

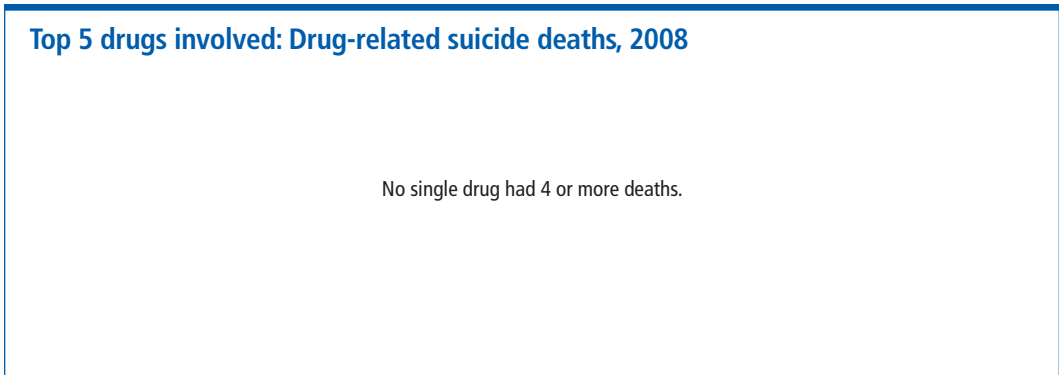
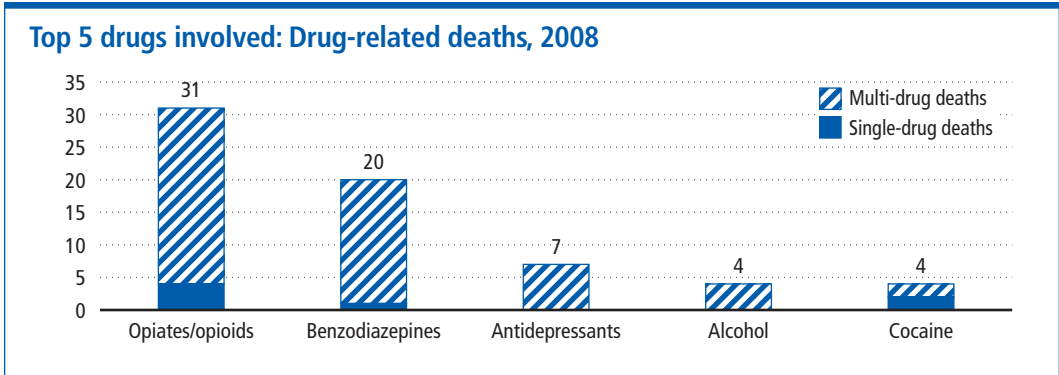
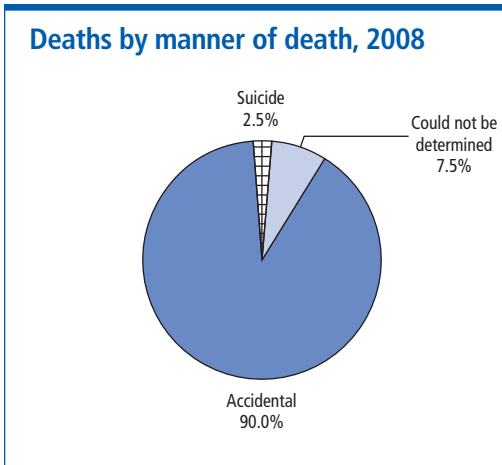
**Metro area population, 2008.....** 105,287

**Population covered by DAWN.....** 105,287

**Percent of population covered by DAWN.....** 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (2)</b>	<b>39</b>	<b>37.0</b>	<b>1</b>	<b>0.9</b>	<b>105,287</b>
1. Tazewell County, VA	10	22.8	1	2.3	43,787
2. Mercer County, WV	29	47.2	0	0.0	61,500



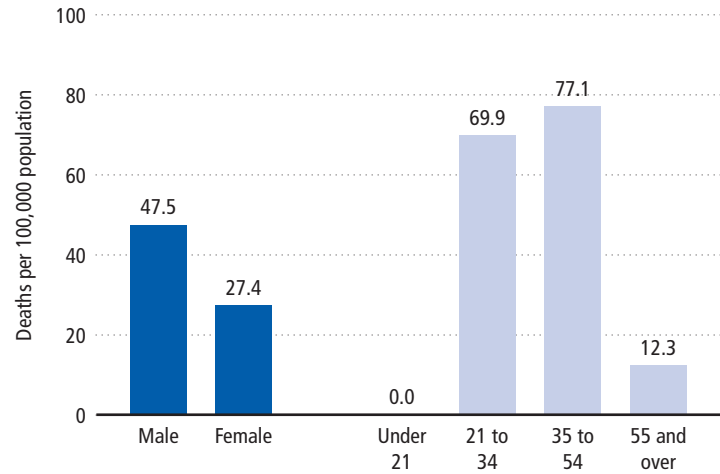
NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

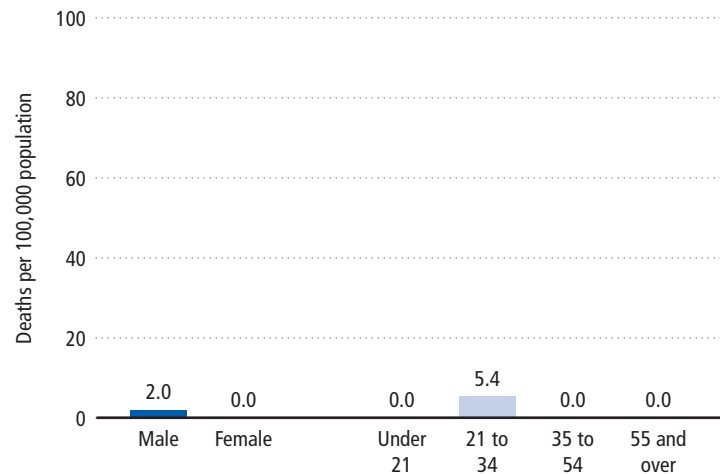


# Bluefield, WV-VA

## Death rates by gender and age: Drug-related, 2008



## Death rates by gender and age: Drug-related suicide, 2008



## Place of death, 2008

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

## Drug-related deaths by drug category, 2007-2008

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>		<b>39</b>	<b>7</b>		--	--
Alcohol*		4	0		--	--
Cocaine		4	--		--	--
Marijuana		--	0		--	--
Stimulants		0	0		--	--
Club drugs†		0	0		--	--
Hallucinogens††		0	0		--	--
Inhalants		--	0		--	--
Antidepressants		7	0		--	--
Antipsychotics		0	0		--	--
Benzodiazepines		20	--		--	--
Misc. anxiolytics, sedatives, and hypnotics		4	0		--	--
Opiates/opioids		31	4		--	--
Heroin (specified)		0	0		--	--
Methadone		--	0		--	--
All other opiates/opioids		30	4		--	--
Nonsteroidal anti-inflammatory agents		0	0		--	--
Salicylates/combinations		0	0		--	--
Misc. analgesics/combinations		--	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.

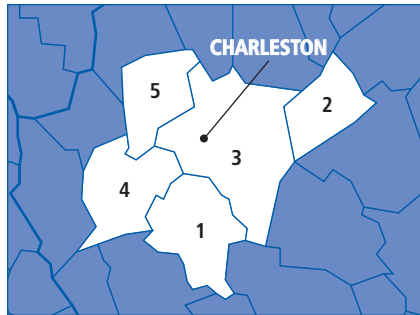
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† Includes PCP, LSD, and miscellaneous hallucinogens.

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, 2008 (08/2009 update).

# Charleston, WV



**Deaths reported to DAWN**  
 Drug-related.....92  
 Drug-related suicide.....6

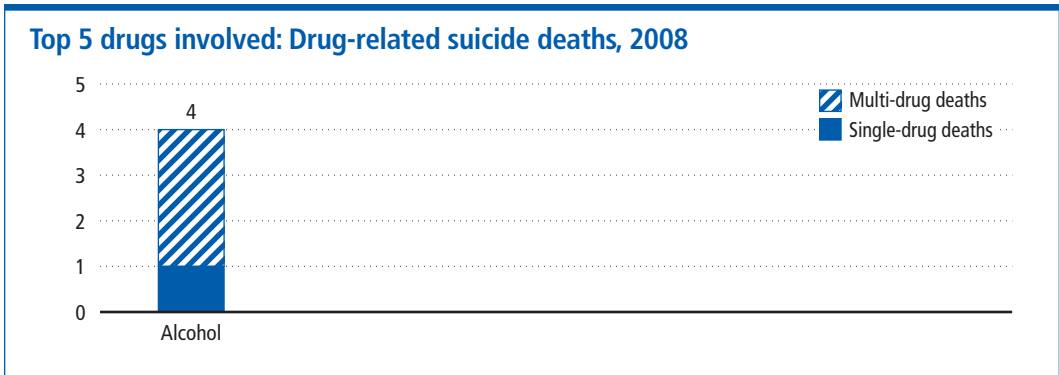
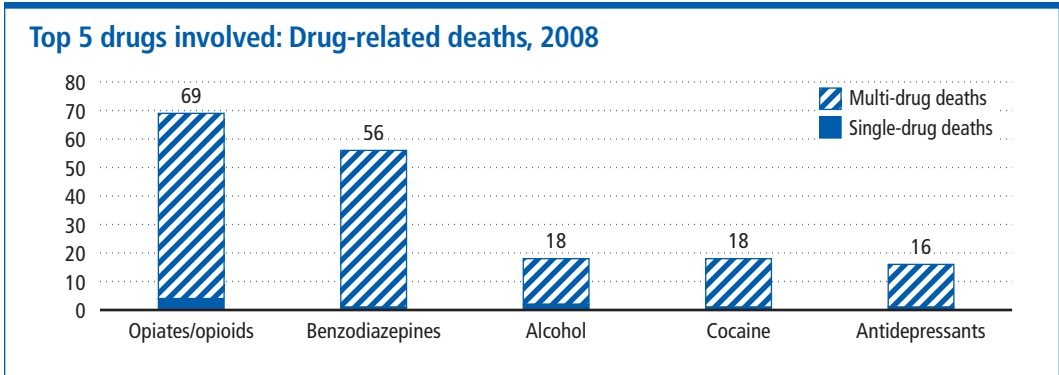
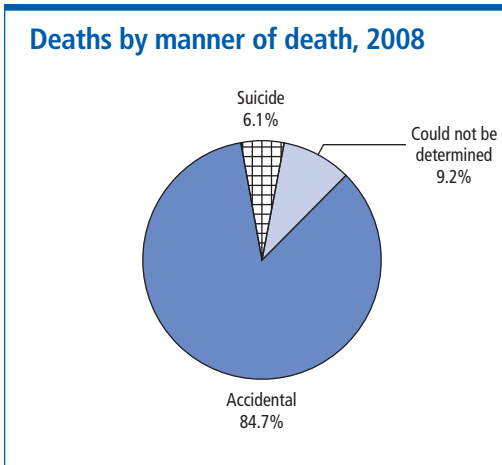
**Metro area population, 2008**..... 303,944

**Population covered by DAWN**..... 303,944

**Percent of population covered by DAWN**..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (5)</b>	<b>92</b>	<b>30.3</b>	<b>6</b>	<b>2.0</b>	<b>303,944</b>
1. Boone County, WV	12	48.0	1	4.0	24,977
2. Clay County, WV	2	19.9	0	0.0	10,075
3. Kanawha County, WV	64	33.5	4	2.1	191,018
4. Lincoln County, WV	6	26.8	0	0.0	22,386
5. Putnam County, WV	8	14.4	1	1.8	55,488

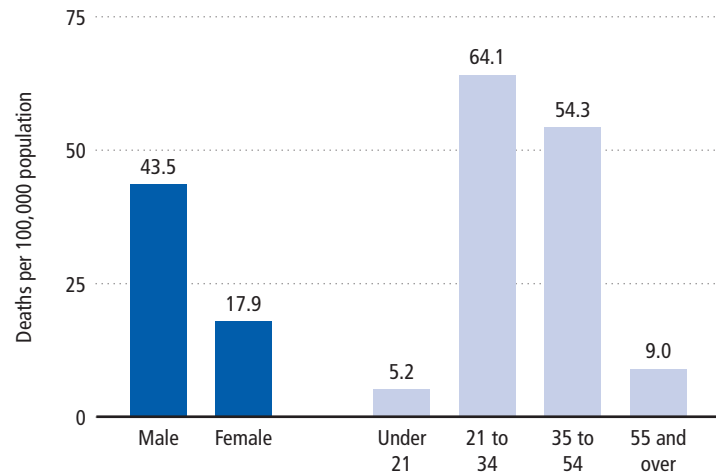


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

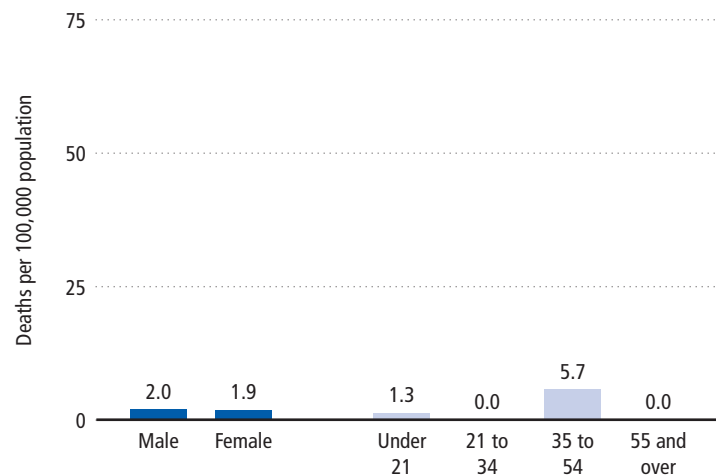
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Charleston, WV

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	31	Health care facility	--
Home	44	Home	4
Public place	9	Public place	0
Other	8	Other	0
Not documented	0	Not documented	0

**Drug-related deaths by drug category, 2007-2008**

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>		92	12		6	--
Alcohol*		18	--		4	--
Cocaine		18	--		0	--
Marijuana		--	--		0	--
Stimulants		--	0		0	--
Club drugs†		0	0		0	--
Hallucinogens††		0	0		0	--
Inhalants		0	0		0	--
Antidepressants		16	--		--	--
Antipsychotics		6	--		0	--
Benzodiazepines		56	--		--	--
Misc. anxiolytics, sedatives, and hypnotics		4	0		0	--
Opiates/opioids		69	4		0	--
Heroin (specified)		5	--		0	--
Methadone		16	--		0	--
All other opiates/opioids		53	0		0	--
Nonsteroidal anti-inflammatory agents		0	0		0	--
Salicylates/combinations		0	0		0	--
Misc. analgesics/combinations		4	--		--	--
Anticonvulsants		6	0		--	--
Muscle relaxants		10	0		0	--

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

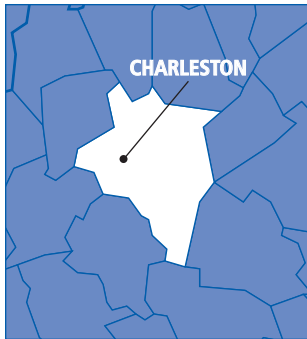
† Includes MDMA (Ecstasy), GHB, flunitrazepam (Rohypnol), and ketamine.

†† 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, 2008 (08/2009 update).

# Charleston, WV: Kanawha County, WV



## Kanawha County, WV: Deaths and population, 2008

<b>Deaths reported to DAWN</b>	
Drug-related.....	64
Drug-related suicide.....	4
<b>Population</b> .....	191,018
<b>Deaths per 100,000 population</b>	
Drug-related.....	33.5
Drug-related suicide.....	2.1

## Drug-related deaths by drug category, 2007-2008

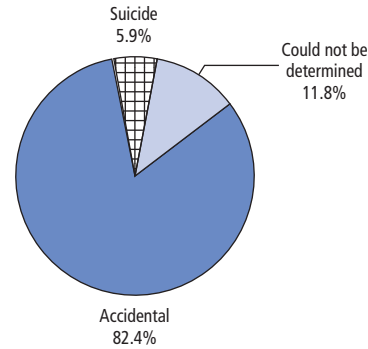
Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>		64	7	4	--	--
Alcohol*		8	0	--	--	--
Cocaine		16	--	0	--	--
Marijuana		--	--	0	--	--
Stimulants		--	0	0	--	--
Club drugs†		0	0	0	--	--
Hallucinogens††		0	0	0	--	--
Inhalants		0	0	0	--	--
Antidepressants		13	--	--	--	--
Antipsychotics		5	--	0	--	--
Benzodiazepines		39	0	--	--	--
Misc. anxiolytics, sedatives, and hypnotics		--	0	0	--	--
Opiates/opioids		51	--	0	--	--
Heroin (specified)		4	--	0	--	--
Methadone		12	--	0	--	--
All other opiates/opioids		38	0	0	--	--
Nonsteroidal anti-inflammatory agents		0	0	0	--	--
Salicylates/combinations		0	0	0	--	--
Misc. analgesics/combinations		--	--	--	--	--
Anticonvulsants		5	0	--	--	--
Muscle relaxants		7	0	0	--	--

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

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

†† Includes PCP, LSD, and miscellaneous hallucinogens.

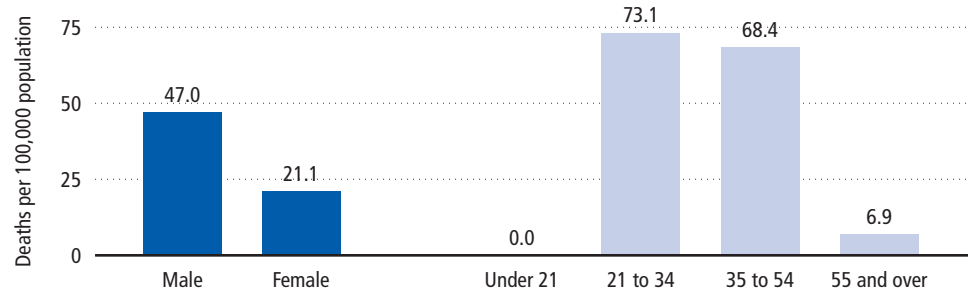
## Deaths by manner of death, 2008



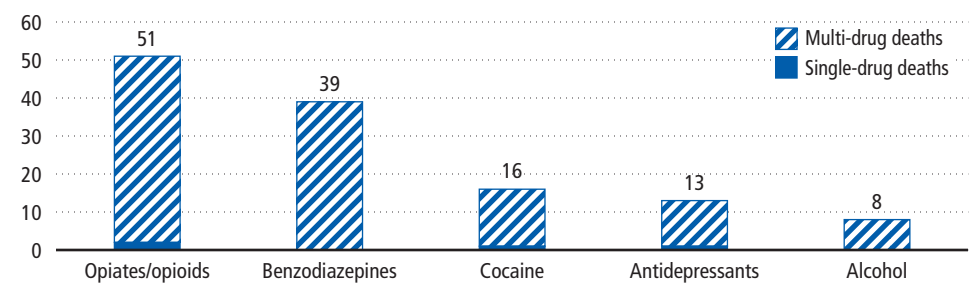
## Place of death, 2008

<b>Drug-related</b>		<b>Deaths</b>
Health care facility		23
Home		31
Public place		--
Other		7
Not documented		0
<b>Drug-related suicide</b>		<b>Deaths</b>
Health care facility		--
Home		--
Public place		0
Other		0
Not documented		0

## Death rates by gender and age: Drug-related, 2008



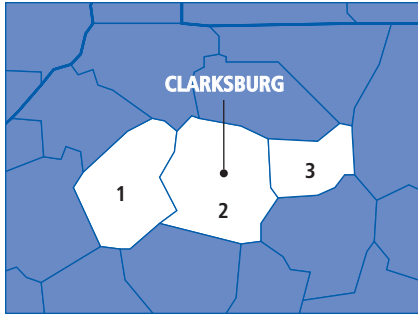
## Top 5 drugs involved: Drug-related deaths, 2008



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, 2008 (08/2009 update).

# Clarksburg, WV



**Deaths reported to DAWN**  
 Drug-related.....17  
 Drug-related suicide.....4

**Metro area population, 2008** ..... 92,212

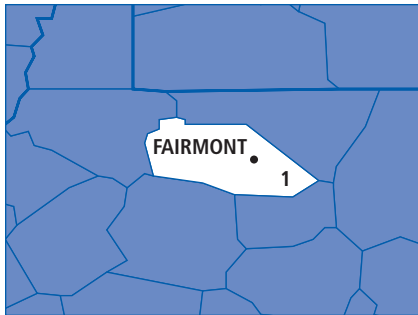
**Population covered by DAWN** ..... 92,212

**Percent of population covered by DAWN** ..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (3)</b>	<b>17</b>	<b>18.4</b>	<b>4</b>	<b>4.3</b>	<b>92,212</b>
1. Doddridge County, WV	0	0.0	0	0.0	7,201
2. Harrison County, WV	11	16.0	4	5.8	68,853
3. Taylor County, WV	6	37.1	0	0.0	16,158

# Fairmont, WV



**Deaths reported to DAWN**  
 Drug-related.....8  
 Drug-related suicide.....3

**Metro area population, 2008** ..... 56,496

**Population covered by DAWN** ..... 56,496

**Percent of population covered by DAWN** ..... 100%

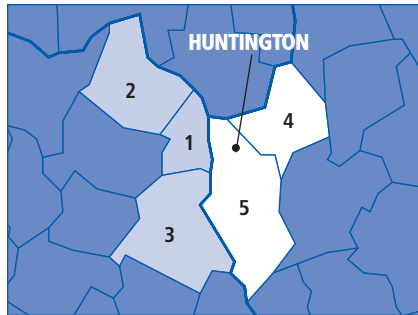
## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>8</b>	<b>14.2</b>	<b>3</b>	<b>5.3</b>	<b>56,496</b>
1. Marion County, WV	8	14.2	3	5.3	56,496

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, 2008 (08/2009 update).

## Huntington-Ashland, WV-KY-OH



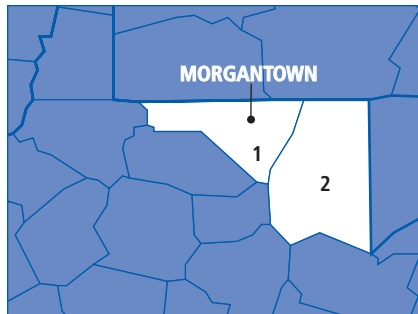
<b>Deaths reported to DAWN</b>	
Drug-related.....	43
Drug-related suicide.....	2
<b>Metro area population, 2008</b> ..... 284,234	
<b>Population covered by DAWN</b> ..... 135,713	
<b>Percent of population covered by DAWN</b> ..... 48%	

### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (2)</b>	<b>43</b>	<b>31.7</b>	<b>2</b>	<b>1.5</b>	<b>135,713</b>
1. Boyd County, KY					48,560
2. Greenup County, KY					37,388
3. Lawrence County, OH					62,573
4. Cabell County, WV	38	40.2	1	1.1	94,631
5. Wayne County, WV	5	12.2	1	2.4	41,082

Shaded areas did not participate in DAWN this year.

## Morgantown, WV



<b>Deaths reported to DAWN</b>	
Drug-related.....	21
Drug-related suicide.....	1
<b>Metro area population, 2008</b> ..... 118,506	
<b>Population covered by DAWN</b> ..... 118,506	
<b>Percent of population covered by DAWN</b> ..... 100%	

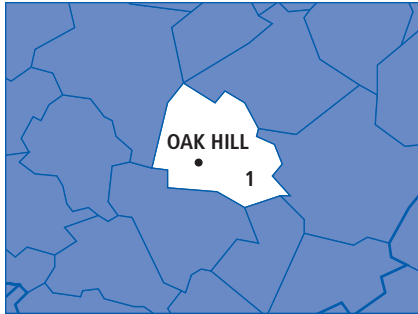
### Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (2)</b>	<b>21</b>	<b>17.7</b>	<b>1</b>	<b>0.8</b>	<b>118,506</b>
1. Monongalia County, WV	18	20.4	1	1.1	88,221
2. Preston County, WV	3	9.9	0	0.0	30,285

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, 2008 (08/2009 update).

# Oak Hill, WV



**Deaths reported to DAWN**

Drug-related.....	11
Drug-related suicide.....	1

**Metro area population, 2008** ..... 46,341

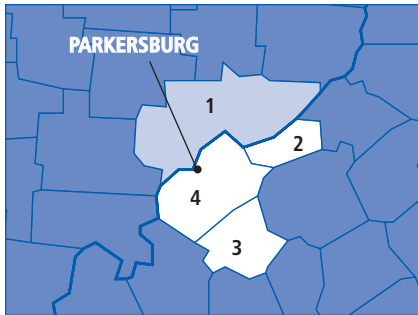
**Population covered by DAWN** ..... 46,341

**Percent of population covered by DAWN** ..... 100%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>11</b>	<b>23.7</b>	<b>1</b>	<b>2.2</b>	<b>46,341</b>
1. Fayette County, WV	11	23.7	1	2.2	46,341

# Parkersburg-Marietta-Vienna, WV-OH



**Deaths reported to DAWN**

Drug-related.....	13
Drug-related suicide.....	4

**Metro area population, 2008** ..... 160,678

**Population covered by DAWN** ..... 99,111

**Percent of population covered by DAWN** ..... 62%

## Metro area overview: Deaths and population by county, 2008

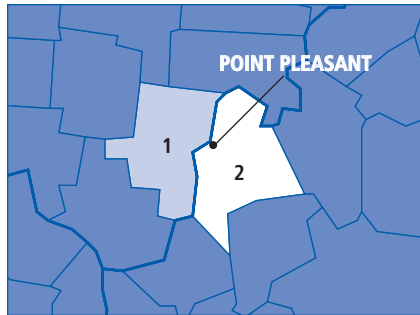
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (3)</b>	<b>13</b>	<b>13.1</b>	<b>4</b>	<b>4.0</b>	<b>99,111</b>
1. Washington County, OH					61,567
2. Pleasants County, WV	0	0.0	1	14.0	7,150
3. Wirt County, WV	1	17.4	1	17.4	5,757
4. Wood County, WV	12	13.9	2	2.3	86,204

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, 2008 (08/2009 update).

# Point Pleasant, WV-OH



Deaths reported to DAWN

Drug-related.....	6
Drug-related suicide.....	0

Metro area population, 2008 ..... 56,590

Population covered by DAWN ..... 25,678

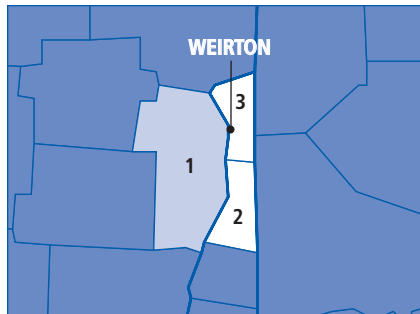
Percent of population covered by DAWN ..... 45%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>6</b>	<b>23.4</b>	<b>0</b>	<b>0.0</b>	<b>25,678</b>
1. Gallia County, OH					30,912
2. Mason County, WV	6	23.4	0	0.0	25,678

Shaded areas did not participate in DAWN this year.

# Weirton-Steubenville, WV-OH



Deaths reported to DAWN

Drug-related.....	13
Drug-related suicide.....	0

Metro area population, 2008 ..... 122,054

Population covered by DAWN ..... 53,528

Percent of population covered by DAWN ..... 44%

## Metro area overview: Deaths and population by county, 2008

Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (2)</b>	<b>13</b>	<b>24.3</b>	<b>0</b>	<b>0.0</b>	<b>53,528</b>
1. Jefferson County, OH					68,526
2. Brooke County, WV	7	29.8	0	0.0	23,520
3. Hancock County, WV	6	20.0	0	0.0	30,008

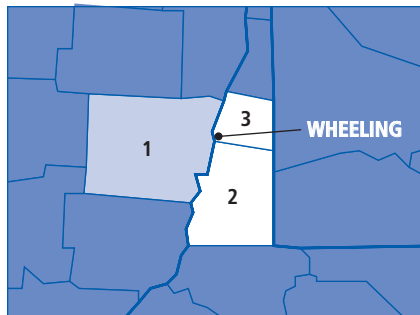
Shaded areas did not participate in DAWN this year.

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, 2008 (08/2009 update).



# Wheeling, WV-OH



<b>Deaths reported to DAWN</b>	
Drug-related.....	11
Drug-related suicide.....	1
<b>Metro area population, 2008</b> ..... 144,847	
<b>Population covered by DAWN</b> .....	76,872
<b>Percent of population covered by DAWN</b> .....	53%

## Metro area overview: Deaths and population by county, 2008

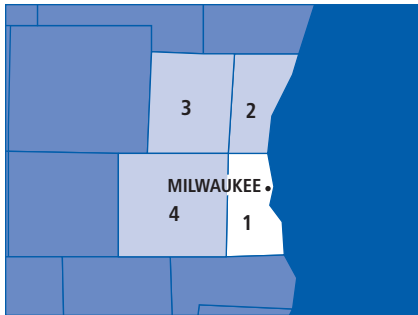
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (2)</b>	<b>11</b>	<b>14.3</b>	<b>1</b>	<b>1.3</b>	<b>76,872</b>
1. Belmont County, OH					67,975
2. Marshall County, WV	6	18.3	0	0.0	32,766
3. Ohio County, WV	5	11.3	1	2.3	44,106

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, 2008 (08/2009 update).

# Milwaukee-Waukesha-West Allis, WI



**Deaths reported to DAWN**  
 Drug-related.....180  
 Drug-related suicide.....10

**Metro area population, 2008**..... 1,549,308

**Population covered by DAWN**..... 953,328

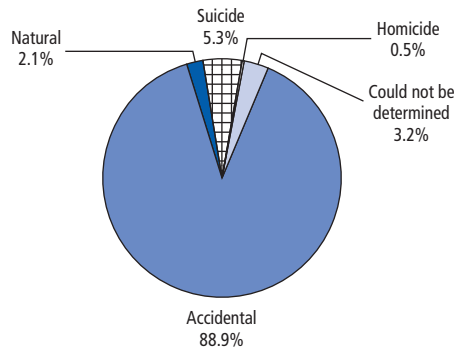
**Percent of population covered by DAWN**..... 62%

## Metro area overview: Deaths and population by county, 2008

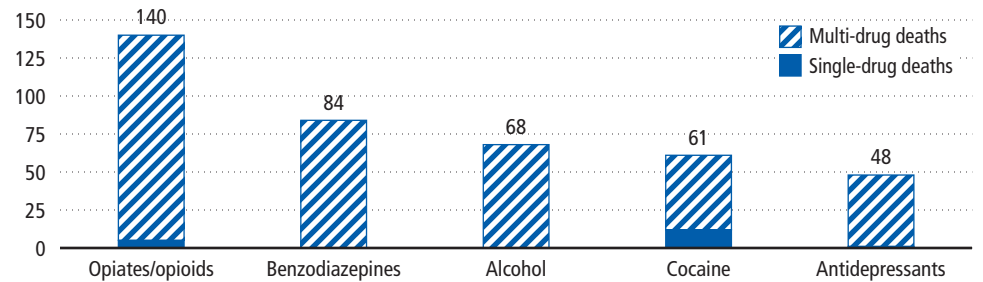
Metro area component	Drug-related		Drug-related suicide		Population
	Deaths	Rate	Deaths	Rate	
<b>Total participating (1)</b>	<b>180</b>	<b>18.9</b>	<b>10</b>	<b>1.0</b>	<b>953,328</b>
1. Milwaukee County, WI	180	18.9	10	1.0	953,328
2. Ozaukee County, WI					85,874
3. Washington County, WI					129,477
4. Waukesha County, WI					380,629

Shaded areas did not participate in DAWN this year.

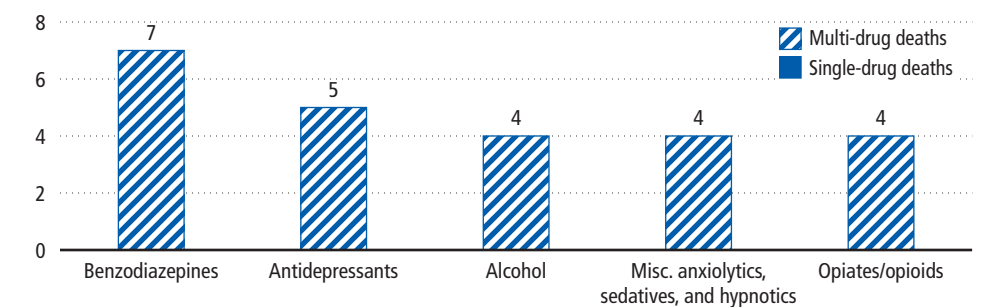
## Deaths by manner of death, 2008



## Top 5 drugs involved: Drug-related deaths, 2008



## Top 5 drugs involved: Drug-related suicide deaths, 2008

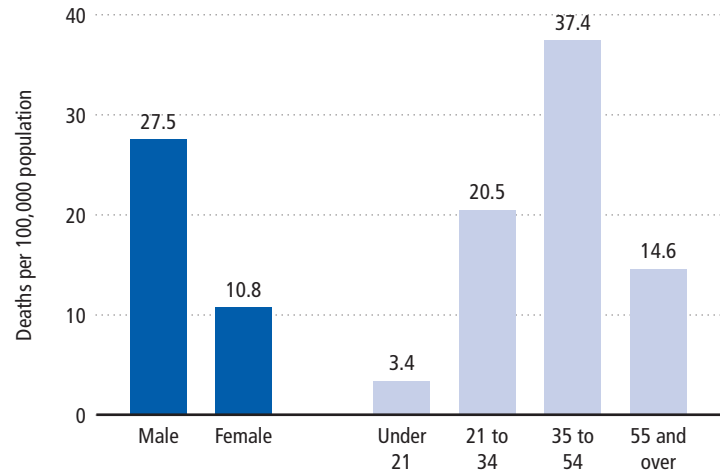


NOTES: 1. Drug-related deaths exclude suicides.  
 2. All death rates are per 100,000 population.  
 3. -- A number less than 4 has been suppressed.

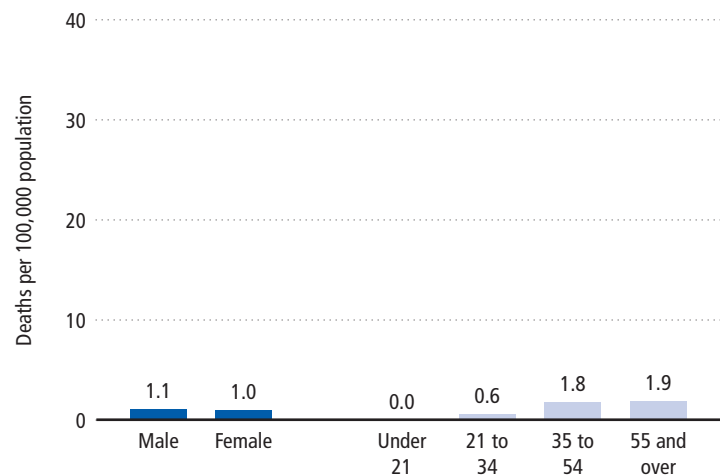
SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2008 (08/2009 update).

# Milwaukee-Waukesha-West Allis, WI

**Death rates by gender and age: Drug-related, 2008**



**Death rates by gender and age: Drug-related suicide, 2008**



**Place of death, 2008**

Drug-related	Deaths	Drug-related suicide	Deaths
Health care facility	25	Health care facility	--
Home	122	Home	8
Public place	7	Public place	0
Other	26	Other	0
Not documented	0	Not documented	0

**Drug-related deaths by drug category, 2007-2008**

Drug category	Drug-related			Drug-related suicide		
	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008	Deaths, 2007	Deaths, 2008	Single-drug deaths, 2008
<b>ALL DRUGS</b>	<b>178</b>	<b>180</b>	<b>20</b>	<b>16</b>	<b>10</b>	<b>--</b>
Alcohol*	57	68	0	6	4	--
Cocaine	85	61	12	--	--	--
Marijuana	--	--	0	0	0	--
Stimulants	0	0	0	0	0	--
Club drugs†	--	--	0	0	0	--
Hallucinogens††	0	0	0	0	0	--
Inhalants	--	0	0	--	0	--
Antidepressants	53	48	--	10	5	--
Antipsychotics	7	10	0	--	--	--
Benzodiazepines	77	84	0	9	7	--
Misc. anxiolytics, sedatives, and hypnotics	29	30	0	5	4	--
Opiates/opioids	126	140	5	6	4	--
Heroin (specified)	20	38	--	0	0	--
Methadone	50	44	--	4	0	--
All other opiates/opioids	82	105	--	--	4	--
Nonsteroidal anti-inflammatory agents	0	6	0	0	0	--
Salicylates/combinations	0	--	--	--	0	--
Misc. analgesics/combinations	11	19	--	0	--	--
Anticonvulsants	10	15	0	--	--	--
Muscle relaxants	16	13	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, 2008 (08/2009 update).



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## APPENDIX A

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## 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 cannot 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:<sup>1</sup>

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

- **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) in 2003 and updated annually thereafter.

**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*.

**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**.)



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## APPENDIX C

### 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. For a death to be considered 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*.<sup>1</sup>

## Drugs included in DAWN

DAWN covers a wide range of drugs and substances, including the following:<sup>2</sup>

- 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.

<sup>1</sup> 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](http://dawninfo.samhsa.gov/files/collect_2006-2008/me_reference_guide_2006-2008.pdf))

<sup>2</sup> The classification of drugs used by DAWN is derived from the Multum *Lexicon*, © 2010, 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 A. (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.<sup>3</sup> 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.

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<sup>3</sup> 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>.) Updates describing new metropolitan or micropolitan areas and changes to existing area are provided annually by OMB. (Available at [http://www.whitehouse.gov/omb/bulletins\\_default](http://www.whitehouse.gov/omb/bulletins_default).)