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Annual Medical Examiner Data
1993

154682

Data from the
Drug Abuse
Warning Network
(DAWN)

Series I, Number 13-B



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Substance Abuse and Mental Health Services Administration

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STATISTICAL SERIES

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ACQUISITIONS

ANNUAL MEDICAL EXAMINER DATA

1993

Data from the Drug Abuse Warning Network

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U.S. Department of Justice
National Institute of Justice

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U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Substance Abuse and Mental Health Services Administration

Office of Applied Studies
5600 Fishers Lane
Rockville, Maryland 20857

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HIGHLIGHTS

This report presents data on drug abuse deaths that were reported by medical examiners (MEs) participating in the Drug Abuse Warning Network (DAWN); these deaths will be referred to as cases. Drug abuse deaths may be either drug-induced or drug-related. A drug-induced death is any death involving a drug "overdose." In these cases, the medical examiner usually finds or strongly suspects a toxic level. In a drug-related death, the medical examiner concludes that drug usage contributed to the death, but was not its sole cause. The highlights illustrate the types of findings presented in the detailed tables.

CHAPTER 1: Introduction

- During 1993, 145 MEs in 43 metropolitan areas reported 8,541 drug abuse deaths. Autopsies performed by DAWN MEs account for about 60 percent of all autopsies performed in the United States.

CHAPTER 2: Summary of 1993 Drug Abuse Deaths and Drug Mentions Reported by DAWN Medical Examiners

- Seventy-five percent of the cases were male and 24 percent were female.
- Fifty-six percent of the cases were white, 30 percent were black, and 12 percent were Hispanic.
- Seventy-six percent of the cases involved more than one drug.
- Sixty-nine percent of the cases were drug-induced (overdoses), while 30 percent were drug-related (contributory factor).
- The manner of death was accidental or unexpected for 58 percent of cases and suicide for 20 percent. For 22 percent, the manner of death was other/unknown. Twenty-eight percent of the female cases were suicides compared with 18 percent of the male cases.
- The three most frequently reported drugs in DAWN ME cases were cocaine (mentioned in 46 percent of cases), heroin/morphine (mentioned in 45 percent of cases), and alcohol-in-combination (mentioned in 40 percent of cases). Since multiple drugs can be mentioned for each death, percentages can sum to more than 100. Because alcohol is reportable to DAWN only when used concomitantly with another drug, it is referred to as "alcohol-in-combination."
- Cocaine was mentioned in 49 percent of male cases and 37 percent of female cases.
- Seventy percent of cases in blacks involved cocaine compared with 51 percent in Hispanics and 33 percent in whites.
- In cases where the manner of death was accidental or unexpected, heroin/morphine was the most frequently mentioned drug (reported in 57 percent of cases), followed by cocaine (54 percent), and alcohol-in-combination (43 percent).
- Cocaine was mentioned in 53 percent of the cases among persons 26 to 34 years old and in 49 percent of cases among persons 35 to 44 years old.

- Alcohol was reported in combination with heroin/morphine in 1,779 cases. Heroin/morphine and cocaine were reported together in 1,739 cases, alcohol-in-combination and cocaine in 1,579 cases, and heroin/morphine and codeine in 820 cases.

CHAPTER 3: Drug Abuse Deaths and Drug Mentions in 1993 According to Metropolitan Area

Comparisons of DAWN drug abuse deaths across metropolitan areas should be made with caution, since ME cases vary by area and reporting practices are not consistent.

- The metropolitan areas with the greatest numbers of deaths reported to DAWN were New York (1,468), Los Angeles (1,083), Philadelphia (759), Chicago (570), and Dallas (405).
- Cocaine was mentioned most frequently in Atlanta, Birmingham, Detroit, Las Vegas, Miami, New Orleans, New York, Newark, Philadelphia, and San Antonio.
- Heroin/morphine was the top-ranking drug in Baltimore, Boise, Boston, Chicago, Los Angeles, Norfolk, Portland, Providence, San Diego, San Francisco, and Seattle; it was tied for first in Nashua, NH.
- Alcohol-in-combination was mentioned in 40 percent of ME cases and was the third-ranked drug. It ranked first in Anchorage, Buffalo, Cleveland, Dallas, Denver, Indianapolis, Kansas City, Louisville, Milwaukee, Minneapolis, Oklahoma City, Omaha, Phoenix, St. Louis, Salt Lake City, Washington, and Wilmington; it was tied for first in Nashua, NH.

CHAPTER 4: Trends in Numbers of Drug Abuse Deaths and Drug Mentions 1990-1993

Chapter 4 reports changes between 1992 and 1993 for the 74 MEs from 26 metropolitan areas that reported every year between 1990 and 1993. These 74 MEs will be referred to as the consistent panel. Comparisons of DAWN drug abuse deaths across metropolitan areas should be made with caution, since ME cases vary by area and reporting practices are not consistent.

- The number of cases reported by the consistent panel increased 11 percent between 1992 and 1993. Male and female cases increased 12 percent and 8 percent, respectively.
- Cases involving blacks, whites, and Hispanics rose 16 percent, 8 percent, and 7 percent, respectively.
- Cases involving heroin/morphine increased 27 percent and mentions of cocaine increased 10 percent. Other increases included amphetamine (73 percent), methamphetamine/speed (61 percent), PCP/PCP combinations (38 percent), marijuana/hasish (34 percent), and inhalants/solvents/aerosols (25 percent).
- The largest proportional increases in cases by metropolitan area were observed in Indianapolis (164 percent), Dallas (86 percent), Chicago (45 percent), Baltimore (38 percent), and Kansas City (30 percent).
- The greatest increases in cases involving cocaine were reported in Oklahoma City (72 percent) and Dallas (70 percent). Decreases in cocaine mentions were seen in Buffalo (64 percent), and San Antonio (31 percent).
- The largest increases in cases involving heroine/morphine occurred in Dallas (162 percent), Atlanta (162 percent), Chicago (75 percent), Cleveland, (68 percent), Baltimore (67 percent), and Seattle (50 percent). Decreases were largest in Buffalo (55 percent), St. Louis (17 percent), and San Diego (16 percent).

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IMPORTANT NOTICE

This report presents information on drug abuse deaths that occurred in 1993 and were reported by medical examiner (ME) facilities in 43 metropolitan areas. The data are not representative of all such deaths that occurred in the U.S.

Emergency room data from the Drug Abuse Warning Network (DAWN) are not included in this report but are presented in a separate document entitled *Annual Emergency Room Data 1993* (Number 13-A in SAMHSA Statistical Series I).

SYMBOLS USED IN TABLES

Quantity is zero	-
Less than 0.05 percent	*
Fewer than 10 cases in percent distribution or in denominator for percentage change	...
Not applicable or not available	N/A

1. INTRODUCTION

This report presents information on drug abuse-related medical examiner (ME) cases collected through the Drug Abuse Warning Network (DAWN) for the calendar year 1993. The Office of Applied Studies (OAS) in the Substance Abuse and Mental Health Services Administration (SAMHSA) is responsible for the operation of DAWN data collection and for publication of reports arising from DAWN data.

Recent efforts to recruit new ME facilities as reporters to DAWN have resulted in the addition of 5 metropolitan areas (Casper, Fargo, Jackson, Milwaukee, and Providence) to the data presented in the 1993 annual report. The data in Chapters 2 and 3 of this report come from 145 medical examiner jurisdictions located in 43 metropolitan areas. In later reports, new ME jurisdictions (e.g., Greenville, SC) will be included as recent recruits have more complete reporting histories. The data presented in this report reflect only those facilities that participated in DAWN during all or most (at least 10 months) of 1993 and do not represent the nation as a whole or, necessarily, the total of ME drug abuse cases in the respective metropolitan areas.

This report incorporates, as Chapter 4, trend tables covering the years 1990 through 1993. The trends presented in Chapter 4 are based on a subset of ME facilities reporting to DAWN. Because the number of participating DAWN ME facilities in any one metropolitan area may vary from year to year, it is necessary to use a consistent panel of facilities with similar reporting histories for the period of time in question. The trend data presented in Chapter 4 come from a panel of facilities who reported data to DAWN in at least 10 months of each of the 4 years examined.

This report continues the use of special tabulation methods for ME data introduced with the Annual Data 1988 report. These procedures include the (1) exclusion of cases in which AIDS was reported, (2) exclusion of deaths in which the only drug mentioned was "drug unknown," and (3) expansion of the heroin/morphine category to include opiates not specified as to type. Refer to the aforementioned 1988 report for an explanation of the rationale and effect of these procedures. As with all reports of DAWN ME data, deaths by homicide are excluded.

The remainder of this chapter presents a discussion of the background and methodology of DAWN, the limitations of the data, and the report format and data tabulation methods. Chapter 2 presents a summary of the information collected from the participating MEs at the total DAWN system level. Chapter 3 presents data according to metropolitan area. As mentioned previously, Chapter 4 provides trend data for 1990 through 1993. This report also includes appendices that contain technical and supplementary data (Appendix I), the DAWN ME data collection form (Appendix II), and a Glossary of Terms used in connection with the DAWN data (Appendix III).

BACKGROUND AND METHODOLOGY

DAWN is a large-scale, ongoing drug abuse data collection system sponsored by SAMHSA. The major objectives of the system are:

- To identify substances associated with drug abuse episodes that are reported by DAWN-affiliated facilities;
- To monitor drug abuse patterns and trends and to detect new abuse entities and new drug combinations;
- To assess health hazards associated with drug abuse; and

- To provide data for national, State, and local drug abuse policy and program planning.

For the purpose of reporting to the DAWN system, drug abuse is defined as the nonmedical use of a substance for psychic effect, dependence, or suicide attempt/gesture. Nonmedical use includes:

- The use of prescription drugs in a manner inconsistent with accepted medical practice;
- The use of over-the-counter (O.T.C.) drugs contrary to approved labeling; or
- The use of any other substance (heroin, marijuana, peyote, glue, aerosols, etc.) for psychic effect, dependence, or suicide.

An episode report is submitted for each drug abuse death encountered by a DAWN ME and each drug abuse patient who visits a DAWN emergency room. Each report of a drug abuse ME case includes demographic information about the deceased and information about the circumstances of the death. Drug abuse deaths usually involve drug overdoses, but they also include deaths in which drug usage was a contributory factor. Up to six different substances can be specified for each ME case.

Readers should note that alcohol is reported to DAWN only when used in combination with another drug. Thus, the data on alcohol-in-combination tabulated in this report do not provide an indication of ME cases involving alcohol as the sole substance of abuse, nor are such data available from other sources. Cases involving children under 6 years of age are not reported to DAWN.

In 1993, DAWN data were collected from ME facilities in 43 metropolitan areas located throughout the coterminous United States. As noted previously, one additional ME facility was recruited into DAWN during 1993 in an area outside of the 43 metropolitan areas presented here. Data from this area will be shown in the annual report for 1994. Table 1.1 provides information on the reporting base in the 43 metropolitan areas that are shown in this report. The table shows the number of ME jurisdictions in the respective metropolitan areas, the number of MEs participating in DAWN, the total number of deaths from all causes handled by MEs, the total number of deaths related to drug abuse, the rate of drug abuse deaths per 1,000 total cases handled, the total number of drug mentions reported in connection with these deaths, and the average number of drug mentions per case. Table I-2 in Appendix I lists the ME jurisdictions that participated in DAWN during 1993 and are included in Chapters 2 and 3 of this report. Table I-3 in Appendix I lists the ME jurisdictions included in the consistent panel that provided data for Chapter 4.

Within each facility participating in the DAWN system, a designated reporter was responsible for identifying deaths related to drug abuse and recording and submitting data on each case. On a weekly basis, the total number of deaths handled by MEs and the number of cases related to drug abuse were entered into a reporting log. The relevant details of each drug abuse death were transferred from the official facility records onto DAWN data collection forms (Appendix II).

A number of quality control procedures are used to ensure that DAWN data are as accurate and methodologically consistent as possible. These procedures include (1) training of personnel responsible for collecting the data within participating facilities; (2) provision of printed manuals and other materials specifying data collection methods, definitions, and requirements; (3) monitoring of reporting practices and problem resolution by a staff of traveling field liaison representatives assigned to five regions of the country; (4) in-house manual editing of data collection forms with followup to resolve problems; (5) computer editing of data to identify problems; and (6) reabstracting studies at participating facilities to monitor the accuracy and completeness of reporting on a periodic basis and, as needed, on a special study basis to review unusual trends.

In some instances, information about deaths related to drug abuse was reported some time after the death occurred. Reporting delays are common for MEs, who may need to wait until laboratory tests or autopsy reports are completed to ascertain or confirm that a death is drug related. ME data are

approximately 80 percent complete after 6 months and fully complete after 12 months. This report was prepared with data that were submitted by the end of June 1994 to accommodate late reporting.

DATA LIMITATIONS

This report includes only those drug abuse occurrences that have resulted in a death and, subsequently, have been identified as drug abuse related by a facility reporting to DAWN. It should be noted that although standard instruction manuals and training are provided to each DAWN reporter, the specific methods and procedures used to identify drug abuse-related deaths and the drugs involved may vary from facility to facility. Some MEs may include cases involving circumstantial evidence. Other MEs may report only drug abuse deaths confirmed through toxicologic analyses.

The ME tables exclude data on deaths involving AIDS and deaths in which the only drug mentioned was "drug unknown." In addition, mentions of opiates not specified as to type are included in the category of "heroin/morphine" in the ME data. Also, it should be noted that ME data for homicide-related drug abuse deaths are not included in this report.

As mentioned earlier, a drug-related death may have multiple drug mentions. Therefore, not every reported substance is, by itself, necessarily a cause of death. On the other hand, substances that contributed to a drug abuse death may occasionally go unreported or undetected.

Multiple drug mentions per death also have ramifications for coding drug-related variables. For example, since a manner of death (e.g., accidental/unexpected or suicide) is reported for each case, the manner of death is assigned to each separate drug mentioned in the case; thus, some caution must be exercised when relating drug mention patterns to specific motives.

REPORT FORMAT AND DATA TABULATION

The current report presents data for the following variables: decedent sex, race/ethnicity, and age; drug concomitance; manner of death; cause of death; and route of drug administration. Total DAWN system summaries for these data items are presented in Chapter 2. Chapter 3 focuses on the mentions of the most frequently reported drugs in each of the DAWN metropolitan areas according to sex, age, and race/ethnicity. Trend data for 1990 through 1993 are presented in Chapter 4. The data tabulated in this report reflect all DAWN drug abuse deaths submitted to SAMHSA through the June 1994 report month, except for the previously noted exclusions of AIDS cases, homicides, and drug-unknown-only cases. Appendix I presents information on the numbers of months reported by ME facilities, the ME jurisdictions that participated in DAWN during 1993, and the ME jurisdictions selected for the 1990-1993 panel of consistently reporting facilities. The DAWN ME data collection instrument is shown in Appendix II.

Missing data (unreported or unknown) existed for most of the variables. This does not represent a lack of responsiveness or training, or an unwillingness on the part of the facility personnel to report fully. Because DAWN is basically a file review system, if an item does not appear on the official facility record, it cannot be reported on the DAWN form. The amount of missing data is shown in the percent distributions provided in Chapters 2 and 4.

Data on drug mentions are organized into selected "drug groups" that may represent either the general groupings of "therapeutic classes" or the more discrete "drug categories." The 9 selected therapeutic classes and 50 selected drug categories reflect the most frequently mentioned drugs. Because alcohol is reportable to DAWN only when used concomitantly with another drug, it is listed in the tables as "alcohol-in-combination."

The reader should note that when drug mentions are expressed as percentages within a distribution across drug groups, these percentages are based on the total number of drug abuse episodes. As several drug mentions may be reported for a single episode, the percentages for the

respective drugs will sum to more than 100 percent. Dividing these totals by 100 yields the average number of mentions per ME case for the corresponding distributions.

Listings of drugs ranked according to the frequency of mentions and alphabetically ordered are presented in tables 2.06a and b. Some of the drug categories in these tables are more detailed than the drug groups and therapeutic classes presented in other tables. In using these tables, the reader should pay particular attention to the footnotes.

The same detailed drug categories are used in the drug combination tables at the end of Chapter 2. Table 2.18 provides frequency data on pairwise combinations of the 15 most commonly mentioned drugs in ME cases. In table 2.19, pairs of drugs are ranked according to frequency; this table includes all grouped drugs regardless of whether either substance in a pair is a top-ranked drug. Within pairs, drugs are listed alphabetically. In using these tables, it is important to note that pairs of drugs have frequently been selected from sets of three or more drugs mentioned in a particular drug abuse death. Drug abuse deaths involving three drugs contribute three drug pairs to these tables, and those involving four drugs contribute six pairs.

The metropolitan area tables in Chapter 3 and trend tables in Chapter 4 present data on ME mentions of 12 selected, frequently reported drug categories in the total DAWN system.

Table 1.1 - Medical examiners reporting information by metropolitan area: 1993

Metropolitan area	Total ME jurisdictions	MEs participating in DAWN ¹	Total cases reported by DAWN MEs	Number of drug abuse cases	Number of drug cases per 1,000 total cases	Number of drug mentions	Average drug mentions per case
Anchorage, AK	1	1	525	11	21.0	18	1.64
Atlanta, GA	18	8	4,636	181	39.0	377	2.08
Baltimore, MD	7	7	4,946	407	82.3	1,267	3.11
Birmingham, AL	4	1	759	62	81.7	152	2.45
Boise, ID	1	1	698	9	12.9	19	2.11
Boston, MA	5	5	2,704	346	128.0	827	2.39
Buffalo, NY	2	5	1,904	10	5.3	32	3.20
Casper, WY	1	1	104	0	0	0	0
Chicago, IL	6	5	11,145	570	51.1	1,331	2.34
Cleveland, OH	4	1	3,051	95	31.1	207	2.18
Dallas, TX	6	6	4,532	405	89.4	1,045	2.58
Denver, CO	6	3	5,348	53	9.9	101	1.91
Detroit, MI	7	5	8,273	296	35.8	739	2.50
Fargo, ND/MN	2	1	266	3	11.3	4	1.33
Indianapolis, IN	8	2	1,209	29	24.0	73	2.52
Jackson, MS	3	1	346	2	5.8	6	3.00
Kansas City, KS/MO	7	2	1,825	35	19.2	76	2.17
Las Vegas, NV	1	1	4,093	80	19.5	185	2.31
Los Angeles, CA	1	1	12,329	1,083	87.8	2,691	2.48
Louisville, KY	5	1	3,671	58	15.8	185	3.19
Miami, FL	1	1	3,501	178	50.8	437	2.46
Milwaukee, WI	4	1	1,001	15	15.0	29	1.93
Minneapolis, MN/WI	11	11	3,934	64	16.3	122	1.91
Nashua, NH	1	1	341	8	23.5	20	2.50
New Orleans, LA	5	5	5,080	70	13.8	144	2.06
New York, NY	8	8	22,280	1,468	65.9	3,011	2.05
Newark, NJ	5	5	5,537	187	33.8	405	2.17
Norfolk, VA	6	3	899	37	41.2	85	2.30
Oklahoma City, OK	5	1	4,104	139	33.9	359	2.58
Omaha, NE	3	3	2,713	35	12.9	84	2.40
Philadelphia, NJ/PA	8	8	11,735	759	64.7	1,963	2.59
Phoenix, AZ	1	1	3,090	242	78.3	555	2.29
Portland, OR	4	2	1,371	101	73.7	219	2.17
Providence, RI	5	2	507	51	100.6	138	2.71
Saint Louis, IL/MO	10	9	9,399	247	26.3	594	2.40
Salt Lake City, UT	2	2	759	63	83.0	148	2.35
San Antonio, TX	3	1	2,025	69	34.1	150	2.17
San Diego, CA	1	1	2,615	251	96.0	712	2.84
San Francisco, CA	5	3	4,064	340	83.7	770	2.26
Seattle, WA	2	2	2,826	152	53.8	355	2.34
Sioux Falls, SD	1	1	275	3	10.9	8	2.67
Washington, DC/MD/VA	14	14	4,226	259	61.3	598	2.31
Wilmington, DE	3	1	539	68	126.2	134	1.97
Total DAWN	203	145	165,185	8,541	51.7	20,375	2.39

¹ Number reporting for at least 10 months in 1993.

NOTE: Counts of drug abuse-related ME cases and drug mentions in these cases exclude deaths in which AIDS was reported and in which the only drug mentioned was "drug unknown." The number of MEs generally reflects the number of counties within the metropolitan areas that report drug abuse death data to DAWN. This is not a count of individual MEs/coroners since the same individual is often responsible for multiple counties. Conversely, Niagara County, in the Buffalo area, has four MEs that report to DAWN. Appendix I provides lists of ME jurisdictions covered in different chapters of this report.

NOTE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (June 1994 data file).

2. SUMMARY OF 1993 DRUG ABUSE DEATHS AND DRUG MENTIONS REPORTED BY DAWN MEDICAL EXAMINERS

This chapter presents data on drug abuse deaths that occurred in 1993 and drugs mentioned in connection with these deaths, as reported by medical examiners (MEs) affiliated with the Drug Abuse Warning Network (DAWN). The data are based on reports from 145 ME facilities located in 43 metropolitan areas. The following discussion describes the data presented in 19 detailed tables.

DEMOGRAPHIC CHARACTERISTICS

A total of 8,541 deaths involving drug abuse that occurred in 1993 was reported to DAWN. Seventy-five percent of the decedents in these cases were known to be male and 24 percent were known to be female (table 2.01). Decedents were known to be white in 56 percent of the cases, black in 30 percent, and Hispanic in 12 percent. Nine percent of the decedents were 18 to 25 years old, and 62 percent were 35 years of age or older. Only 1 percent of decedents were 6 to 17 years old.

Table 2.02 displays age distributions of drug abuse decedents according to race/ethnicity and sex. Persons 6 to 34 years of age constituted 37 percent of white decedents, 33 percent of black decedents, and 50 percent of Hispanic decedents. Overall, 38 percent of male decedents and 36 percent of female decedents were 6 to 34 years of age. For black decedents 38 percent of females and 31 percent of males were 6 to 34 years of age.

EPISODE CHARACTERISTICS

Tables 2.03 and 2.04 present distributions of drug abuse deaths by drug concomitance, cause of death, and manner of death according to demographic group. Multiple drugs were reported in the majority (76 percent) of ME drug abuse cases while 24 percent involved the use of only one drug (table 2.03). Multiple drugs were mentioned in 79 percent of episodes involving white decedents, 78 percent of those involving Hispanic decedents, and 70 percent of those in which the decedent was black. The use of multiple drugs increased with age (table 2.04). Seventy-eight percent of decedents 26 to 54 years old had used multiple drugs, compared with 72 percent of decedents 18 to 25 years old and 46 percent of decedents 12 to 17 years of age. Decedents 55 years of age and older also were less likely than those 26 to 54 years old to have taken multiple drugs (67 and 78 percent, respectively).

The major variable describing the role of drugs in deaths reported to DAWN is concomitance/cause of death. Drug-induced deaths (overdoses) accounted for 69 percent of ME cases in 1993, while drugs played a contributing role in 30 percent of ME cases (table 2.03). Ten percent of the deaths were single-drug cases in which the drug was clearly the cause of death. Fifty-nine percent of ME cases resulted directly from drug use and involved two or more drugs. Drug-induced deaths were somewhat more prominent among cases involving females than those involving males (72 versus 68 percent). Among the 91 drug abuse deaths of individuals 12 to 17 years old, 46 percent involved an external physical event with one or more drugs as a contributing factor (table 2.04). Among decedents 35 years of age or older, the proportion of drug abuse deaths involving an external physical event ranged from 10 percent for those aged 45 to 54 years to 18 percent for those 55 and older.

Fifty-eight percent of drug abuse deaths were accidental or unexpected, and 20 percent were suicides. The manner of death was reported as other or unknown in the remaining 22 percent of the cases (table 2.03). Readers should exercise caution when interpreting distributions involving a high proportion of cases in which a variable was unknown because the distribution for the missing values is not necessarily the same as the distribution for the nonmissing values. The proportion of cases reported as suicide was 28 percent for female decedents and 18 percent for male decedents. Suicides accounted

for 28 percent of drug abuse deaths involving white decedents, 12 percent of those involving Hispanic decedents, and 9 percent of those involving black decedents.

Distributions of drug abuse decedents by demographic and case characteristics according to manner of death are shown in table 2.05. The majority of accidental/unexpected deaths (80 percent) and suicides (65 percent) were male. Whites were involved in more than three-fourths (77 percent) of suicide deaths but only half (50 percent) of accidental/unexpected deaths. Decedents from 26 to 44 years of age accounted for 72 percent of accidental/unexpected deaths and 53 percent of suicide deaths. The cause of death in 40 percent of suicide cases and 14 percent of accidental/unexpected cases was an external physical event with drug use playing a contributory role.

DRUG USE CHARACTERISTICS

Information on drugs mentioned in connection with 1993 ME cases reported to DAWN is shown in tables 2.06 through 2.17. Tables 2.06 through 2.11 include both estimates of frequencies and percentages. In these tables, the percentages are calculated using the total numbers of deaths as denominators. As multiple drugs can be mentioned in connection with each death, these percentages can sum to more than 100. Tables 2.12 through 2.17 show percentages calculated using the total number of mentions of specific drug groups as denominators. Tables 2.18 and 2.19 show the numbers of deaths in which specific pairwise combinations of drugs were mentioned together.

The drugs reported most frequently in ME cases in 1993 are shown in tables 2.06a through 2.06e. Cocaine, the most frequently reported drug, was mentioned in 46 percent of drug abuse deaths. Heroin/morphine, which ranked second, was reported in 45 percent of the cases. Alcohol-in-combination ranked third and was mentioned in 40 percent of drug abuse deaths reported to DAWN. Codeine was mentioned in 12 percent of the cases and ranked fourth (table 2.06a). Table 2.06 b shows the drugs mentioned most frequently in alphabetic order.

Cocaine was the most frequently reported drug for decedents aged 18 to 34 years (table 2.06c). In the youngest age group (6 to 17 years) marijuana/hashish was the most frequently mentioned drug, while heroin/morphine was the most frequently mentioned drug in the oldest age group (35 years and older). Among white and Hispanic decedents, heroin was mentioned more often than cocaine, while cocaine was the most frequently reported drug among blacks (table 2.06d).

Cocaine was reported in connection with almost one-half (49 percent) of male deaths and 37 percent of female deaths and was the top ranking drug for both sexes. Alcohol-in-combination ranked second and heroin/morphine ranked third among both male and female decedents (table 2.06e). Sex differentials in drugs mentioned in ME cases are shown in table 2.07. Antidepressants were more likely to be mentioned when the decedent was female (32 percent) than when the decedent was male (12 percent).

Table 2.08 presents information on drug mentions according to decedent race/ethnicity. Deaths of blacks were more likely to involve cocaine than deaths of Hispanics or whites (70, 51, and 33 percent, respectively). Heroin/morphine was reported in 41 percent of cases when the decedent was white, 45 percent when the decedent was black, and 61 percent when the decedent was Hispanic.

Age differentials in drug mentions are shown in table 2.09. Cocaine was involved in 53 and 49 percent of drug abuse deaths of persons 26 to 34 and 35 to 44 years of age, respectively. Those least likely to suffer a cocaine-related death were 6 to 17 years of age (17 percent) and 55 years of age and older (18 percent). Among decedents 35 to 44 years old, who accounted for the plurality of cases in the table, cocaine was reported in 49 percent of cases, heroin/morphine in 53 percent, and alcohol-in-combination in 43 percent.

Table 2.10 presents drug mention distributions according to cause of death. The drugs most frequently reported in direct (drug induced) single-drug cases were heroin/morphine (mentioned in 35 percent), cocaine (28 percent), and drugs in the antidepressant class (9 percent in aggregate). In drug-

induced deaths involving multiple drugs, the profile of substances mentioned was more varied. Heroin/morphine was reported in 61 percent of these cases, alcohol-in-combination in 49 percent, cocaine in 47 percent, codeine in 17 percent, and diazepam, which was rarely reported alone in drug-induced deaths, in 9 percent. These percentages sum to more than 100 because of the reporting of multiple drugs in the deaths included in the calculations.

Distributions of drug mentions according to manner of death are presented in table 2.11. In cases where the death was accidental or unexpected, heroin/morphine was the most frequently mentioned drug (reported in 57 percent of cases). Cocaine ranked second (54 percent of cases); alcohol-in-combination ranked third (43 percent); and codeine was a distant fourth (13 percent). In suicides, alcohol-in-combination ranked first (reported in 34 percent of cases) and was followed by cocaine (22 percent), other/unspecified antidepressants (13 percent), amitriptyline (10 percent), and heroin/morphine (10 percent).

Table 2.12 shows distributions of ME drug mentions by sex and race/ethnicity. In this table and tables 2.13 through 2.17, percentages are calculated using the total number of mentions of the respective drug groups as the denominator. In interpreting the data in these tables, it is particularly important to remember that drugs are frequently reported in combination and that many of the deaths involved drugs as a contributing cause rather than as the direct cause.

Among drugs reported at least 100 times, the specific substances with the highest proportion of mentions involving male decedents were marijuana/hashish (89 percent), PCP/PCP combinations (87 percent), heroin/morphine (82 percent), alcohol-in-combination (81 percent), methamphetamine/speed (80 percent), and cocaine (80 percent). Excluding substances reported fewer than 100 times, the drugs with the highest proportion of mentions occurring in cases involving female decedents included fluoxetine (52 percent), alprazolam (51 percent), amitriptyline (47 percent), and desipramine (45 percent). Considered according to race/ethnicity, the proportion of white decedents was highest (among drugs reported at least 100 times) for diazepam, alprazolam, d-propoxyphene, acetaminophen, fluoxetine, desipramine, and amphetamine; decedents were white in at least 80 percent of ME cases involving each of these drugs. The proportion of black decedents was highest for cocaine (45 percent), PCP/PCP combinations (35 percent), heroin/morphine (30 percent), diphenhydantoin sodium (30 percent), methadone (29 percent), alcohol-in-combination (29 percent), and codeine (27 percent).

Table 2.13 presents distributions of drug mentions by age. In deaths in which cocaine was reported, 31 percent of decedents were 26 to 34 years old and 42 percent were 35 to 44 years old. Decedents in cases involving heroin/morphine were typically somewhat older: 28 percent were 26 to 34 years old, while 47 percent were 35 to 44 years old. Among substances reported at least 100 times, the drugs with the highest proportions of mentions occurring in cases involving decedents 18 to 25 years of age were marijuana/hashish (27 percent), PCP/PCP combinations (24 percent), and inhalants/solvents/aerosols (17 percent).

Distributions of drug mentions by cause of death are shown in table 2.14. Continuing to focus on substances reported in connection with at least 100 deaths, the proportion of direct, single-drug cases was highest for inhalants/solvents/aerosols (23 percent), aspirin (19 percent) and desipramine (11 percent). More than two-thirds (70 percent) of all drug mentions occurred in cases where multiple drugs were reported and one or more of these drugs was directly implicated as the cause of death. Across drug groups mentioned at least 100 times, the substances with the highest proportion of mentions in this cause category were codeine (86 percent), doxepin (81 percent), heroin/morphine (81 percent), d-propoxyphene (81 percent), alprazolam (80 percent), and amitriptyline (79 percent). Sixty-one percent of deaths involving cocaine were drug-induced and included other substances reported in combination. Eighteen percent of cocaine-related deaths involved an external physical event with drugs being listed as a contributing cause.

Table 2.15 shows distributions of drug mentions by manner of death. Among specific drug groups reported in at least 100 cases, the proportion of suicides was highest for desipramine (69 percent), aspirin (55 percent), and doxepin (52 percent). Applying the same criterion, the drugs with the highest proportions of deaths in the accidental/unexpected category were heroin/morphine (73 percent), cocaine

(69 percent), methadone (67 percent), amphetamine (67 percent), methamphetamine/speed (67 percent), codeine (66 percent), and PCP/PCP combinations (65 percent).

Distributions of ME drug mentions by route of administration are presented in tables 2.16. The high proportion of unknowns reported for this variable, particularly for drugs that can be used by more than one route, makes the data in these tables difficult to interpret.

Table 2.17 presents distributions of ME drug mentions by the number of other drugs reported in connection with the case. The drug groups most likely to be mentioned alone were inhalants/solvents/aerosols (30 percent), marijuana/hashish (27 percent), cocaine (23 percent), aspirin (20 percent), and doxepin (20 percent). Caution should be exercised in making inferences from data involving more than one drug in episodes because the reported drug may not be the direct cause of death.

Tables 2.18 and 2.19 present data on the number of ME cases in which specific pairs of drugs were mentioned in combination. As up to six drugs can be reported in DAWN ME cases, it should be noted that specific pairs often are drawn from larger sets of drugs.

Table 2.18 presents the number of pairwise combination mentions involving the top 15 drugs. Alcohol was reported in combination with heroin/morphine in 1,779 deaths. Heroin/morphine and cocaine were reported together in 1,739 cases, cocaine and alcohol in 1,579 cases, and heroin/morphine and codeine in 820 cases.

The most frequently reported pairwise combinations of drugs are shown in table 2.19. The names of the drugs within each pair are ordered alphabetically. Excluding combinations involving alcohol, pairwise drug combinations reported in connection with at least 100 deaths included cocaine with heroin/morphine (1,739 cases, as noted above), codeine with heroin/morphine (820 cases, also noted above), cocaine with codeine (351 cases), amitriptyline with nortriptyline (265 cases), diazepam with heroin/morphine (242 cases), amphetamine with methamphetamine/speed (236 cases), cocaine with methadone (186), heroin/morphine with quinine (166 cases), cocaine with diazepam (163 cases), heroin/morphine with methadone (154 cases), cocaine with marijuana/hashish (125 cases), diphenhydramine with heroin/morphine (123 cases), cocaine with quinine (112 cases), heroin/morphine with marijuana/hashish (101 cases), and codeine with diazepam (101 cases). The large number of deaths involving combinations of amitriptyline and nortriptyline may be a reporting anomaly associated with difficulties in distinguishing these two drugs on the basis of their metabolites alone.

MEDICAL EXAMINER DATA ¹

Table 2.01 - Distribution of drug abuse deaths by selected demographic characteristics according to sex:
1993

Demographic characteristics	TOTAL ²		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
SEX						
Male	6,413	75.1				
Female	2,085	24.4				
Unknown/no response	43	.5				
TOTAL	8,541	100.0				
RACE/ETHNICITY						
White	4,813	56.4	3,499	54.6	1,287	61.7
Black	2,521	29.5	1,904	29.7	613	29.4
Hispanic	1,044	12.2	898	14.0	142	6.8
Other	89	1.0	68	1.1	20	1.0
American Indian/Alaskan Native ..	20	.2	14	.2	5	.2
Asian/Pacific Islander	56	.7	42	.7	14	.7
Unknown/no response	74	.9	44	.7	23	1.1
TOTAL	8,541	100.0	6,413	100.0	2,085	100.0
AGE						
6 to 17 years	98	1.1	72	1.1	25	1.2
6 to 11 years	7	.1	3	*	4	.2
12 to 17 years	91	1.1	69	1.1	21	1.0
18 to 25 years	805	9.4	633	9.9	167	8.0
18 to 19 years	108	1.3	81	1.3	24	1.2
20 to 25 years	697	8.2	552	8.6	143	6.9
26 to 34 years	2,315	27.1	1,754	27.4	551	26.4
26 to 29 years	798	9.3	609	9.5	186	8.9
30 to 34 years	1,517	17.8	1,145	17.9	365	17.5
35 years and older	5,283	61.9	3,927	61.2	1,332	63.9
35 to 44 years	3,386	39.6	2,625	40.9	751	36.0
45 to 54 years	1,199	14.0	885	13.8	304	14.6
55 years and older	698	8.2	417	6.5	277	13.3
Unknown/no response	40	.5	27	.4	10	.5
TOTAL	8,541	100.0	6,413	100.0	2,085	100.0

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes episodes for which sex was unknown or not reported.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA ¹

Table 2.02 - Distribution of drug abuse deaths by race/ethnicity and age according to sex: 1993

Race/ethnicity and age	TOTAL ²		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
ALL RACES/ETHNICITIES ³						
6-11 years	7	0.1	3	*	4	0.2
12-17 years	91	1.1	69	1.1	21	1.0
18-25 years	805	9.4	633	9.9	167	8.0
26-34 years	2,315	27.1	1,754	27.4	551	26.4
35-44 years	3,386	39.6	2,625	40.9	751	36.0
45-54 years	1,199	14.0	885	13.8	304	14.6
55 years and older	698	8.2	417	6.5	277	13.3
Unknown/no response	40	.5	27	.4	10	.5
TOTAL	8,541	100.0	6,413	100.0	2,085	100.0
WHITE						
6-11 years	6	.1	3	.1	3	.2
12-17 years	51	1.1	38	1.1	12	.9
18-25 years	432	9.0	323	9.2	106	8.2
26-34 years	1,297	26.9	990	28.3	300	23.3
35-44 years	1,867	38.8	1,438	41.1	423	32.9
45-54 years	627	13.0	428	12.2	193	15.0
55 years and older	516	10.7	266	7.6	247	19.2
Unknown/no response	17	.4	13	.4	3	.2
TOTAL	4,813	100.0	3,499	100.0	1,287	100.0
BLACK						
6-11 years	-	-	-	-	-	-
12-17 years	22	.9	17	.9	5	.8
18-25 years	194	7.7	158	8.3	35	5.7
26-34 years	609	24.2	417	21.9	191	31.2
35-44 years	1,118	44.3	851	44.7	266	43.4
45-54 years	424	16.8	333	17.5	91	14.8
55 years and older	140	5.6	117	6.1	22	3.6
Unknown/no response	14	.6	11	.6	3	.5
TOTAL	2,521	100.0	1,904	100.0	613	100.0
HISPANIC						
6-11 years	-	-	-	-	-	-
12-17 years	12	1.1	11	1.2	1	.7
18-25 years	156	14.9	134	14.9	21	14.8
26-34 years	358	34.3	310	34.5	47	33.1
35-44 years	352	33.7	302	33.6	49	34.5
45-54 years	133	12.7	115	12.8	17	12.0
55 years and older	33	3.2	26	2.9	7	4.9
Unknown/no response	-	-	-	-	-	-
TOTAL	1,044	100.0	898	100.0	142	100.0
OTHER RACE/ETHNICITY						
6-11 years	-	-	-	-	-	-
12-17 years	4	4.5	2	2.9	2	10.0
18-25 years	14	15.7	12	17.6	2	10.0
26-34 years	32	41.6	27	39.7	9	45.0
35-44 years	23	25.8	18	26.5	5	25.0
45-54 years	6	6.7	5	7.4	1	5.0
55 years and older	5	5.6	4	5.5	1	5.0
Unknown/no response	-	-	-	-	-	-
TOTAL	89	100.0	68	100.0	20	100.0

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes episodes for which sex was unknown or not reported.

³ Includes episodes for which race/ethnicity was unknown or not reported.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA ¹

Table 2.03 - Percent distribution of drug abuse deaths by selected episode characteristics according to sex and race/ethnicity: 1993

Episode characteristics	TOTAL ²	Sex		Race/ethnicity			
		Male	Female	White	Black	Hispanic	Other
DRUG CONCOMITANCE							
Single-drug episode	24.1	24.0	24.1	21.4	29.8	21.7	36.0
Multi-drug episode	75.9	76.0	75.9	78.6	70.2	78.3	64.0
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of decedents	8,541	6,413	2,085	4,813	2,521	1,044	89
CAUSE OF DEATH							
Drug induced (overdose)	68.6	67.6	71.6	70.5	64.3	71.7	74.2
Direct - single drug cause	9.5	8.8	11.7	9.8	9.4	8.6	13.5
Direct - multiple drug cause	59.1	58.9	59.9	60.7	54.9	63.1	60.7
Drug related (contributory factor)	29.9	31.1	26.5	28.1	34.6	28.0	25.8
Drug and physiological condition	9.3	9.1	10.0	7.9	13.2	6.5	3.4
Drug and external physical event	17.3	19.1	11.8	17.9	15.7	18.6	21.3
Drug and medical disorder	3.3	2.9	4.7	2.3	5.7	2.9	1.1
Unknown	1.5	1.3	1.9	1.4	1.0	.3	-
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of decedents	8,541	6,413	2,085	4,813	2,521	1,044	89
MANNER OF DEATH							
Accidental/unexpected	57.8	61.2	47.6	51.0	62.6	79.4	49.4
Suicide	20.2	17.5	28.2	27.5	8.8	11.5	44.9
Other/unknown	22.1	21.3	24.2	21.5	28.5	9.1	5.6
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of decedents	8,541	6,413	2,085	4,813	2,521	1,044	89

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes episodes for which race/ethnicity was unknown or not reported.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA ¹

Table 2.04 - Percent distribution of drug abuse deaths by selected episode characteristics according to age: 1993

Episode characteristics	TOTAL ²	Age (in years)						
		6-11	12-17	18-25	26-34	35-44	45-54	55 and older
DRUG CONCOMITANCE								
Single-drug episode	24.1	...	53.8	27.6	22.9	20.5	26.8	33.4
Multi-drug episode	75.9	...	46.2	72.4	77.1	79.5	73.2	66.6
TOTAL	100.0	...	100.0	100.0	100.0	100.0	100.0	100.0
Number of decedents	8,541	7	91	805	2,315	3,386	1,199	698
CAUSE OF DEATH								
Drug induced (overdose)	68.6	...	45.1	56.9	67.9	75.0	68.0	58.2
Direct - single drug cause	9.5	...	22.0	8.6	8.3	8.9	10.4	14.8
Direct - multiple drug cause	59.1	...	23.1	48.3	59.7	66.0	57.5	43.4
Drug related (contributory factor)	29.9	...	51.6	41.5	30.9	23.6	30.6	40.1
Drug and physiological condition	9.3	...	4.4	5.0	5.6	9.0	15.1	18.8
Drug and external physical event	17.3	...	46.2	34.5	22.5	11.2	10.3	18.2
Drug and medical disorder	3.3	...	1.1	2.0	2.7	3.5	5.2	3.2
Unknown	1.5	...	3.3	1.6	1.2	1.4	1.4	1.7
TOTAL	100.0	...	100.0	100.0	100.0	100.0	100.0	100.0
Number of decedents	8,541	7	91	805	2,315	3,386	1,199	698
MANNER OF DEATH								
Accidental/unexpected	57.8	...	48.4	57.4	61.5	62.6	56.1	27.1
Suicide	20.2	...	36.3	28.3	18.4	14.4	19.3	44.7
Other/unknown	22.1	...	15.4	14.3	20.1	23.0	24.6	28.2
TOTAL	100.0	...	100.0	100.0	100.0	100.0	100.0	100.0
Number of decedents	8,541	7	91	805	2,315	3,386	1,199	698

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes episodes for which age was unknown or not reported.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA ¹

Table 2.05 - Percent distribution of drug abuse deaths by selected demographic and episode characteristics according to manner of death: 1993

Demographic and episode characteristics	TOTAL	Manner of death		
		Accidental/ unexpected	Suicide	Other/unknown
SEX				
Male	75.1	79.5	65.3	72.3
Female	24.4	20.1	34.1	26.8
Unknown/no response .....	.5	.3	.6	.9
TOTAL	100.0	100.0	100.0	100.0
Number of decedents	8,541	4,933	1,722	1,886
RACE/ETHNICITY				
White	56.4	49.7	76.8	55.0
Black	29.5	32.0	13.0	38.1
Hispanic	12.2	16.8	7.0	5.0
Other .....	.9	.8	2.0	.1
Unknown/no response .....	.9	.6	.9	1.6
TOTAL	100.0	100.0	100.0	100.0
Number of decedents	8,541	4,933	1,722	1,886
AGE				
6 to 11 years .....	.1	.1	-	.2
12 to 17 years	1.1	.9	1.9	.7
18 to 25 years	9.4	9.4	13.2	6.1
26 to 34 years	27.1	28.8	24.7	24.7
35 to 44 years	39.6	43.0	28.3	41.3
45 to 54 years	14.0	13.6	13.4	15.6
55 years and older	8.2	3.8	18.1	10.4
Unknown/no response .....	.5	.3	.3	1.0
TOTAL	100.0	100.0	100.0	100.0
Number of decedents	8,541	4,933	1,722	1,886
DRUG CONCOMITANCE				
Single-drug episode	24.1	22.3	28.3	24.9
Multi-drug episode	75.9	77.7	71.7	75.1
TOTAL	100.0	100.0	100.0	100.0
Number of decedents	8,541	4,933	1,722	1,886
CAUSE OF DEATH				
Drug induced (overdose)	68.6	78.1	57.3	53.9
Direct - single drug cause	9.5	10.3	11.3	5.8
Direct - multiple drug cause	59.1	67.8	45.9	48.1
Drug related (contributory factor)	29.9	21.2	41.3	42.4
Drug and physiological condition	9.3	4.0	1.3	30.4
Drug and external physical event	17.3	14.0	39.7	5.6
Drug and medical disorder	3.3	3.2	.3	6.4
Unknown	1.5	.6	1.5	3.7
TOTAL	100.0	100.0	100.0	100.0
Number of decedents	8,541	4,933	1,722	1,886

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA

Table 2.06a - Drugs mentioned most frequently by medical examiners in 1993

(Drugs with fewer than 10 mentions are excluded.)

Rank	Drug name	Number of mentions	Percent of total episodes	Rank	Drug name	Number of mentions	Percent of total episodes
1	Cocaine	3,910	45.78	39	Meperidine HCl	55	0.64
2	Heroin/Morphine ¹	3,805	44.55	40	Oxycodone	48	0.56
3	Alcohol-in-combination	3,444	40.32	41	Mesoridazine	47	0.55
4	Codeine	990	11.59	42	Trazodone	47	0.55
5	Diazepam	605	7.08	43	Chlorpromazine	45	0.53
6	Marijuana/Hashish	457	5.35	44	Flurazepam	45	0.53
7	Methadone	457	5.35	45	Oxazepam	43	0.50
8	Amitriptyline	404	4.73	46	Promethazine	41	0.48
9	Methamphetamine/Speed	382	4.47	47	Pseudoephedrine	39	0.46
10	Diphenhydramine	369	4.32	48	Fentanyl	36	0.42
11	Nortriptyline	351	4.11	49	Ephedrine	36	0.42
12	D-Propoxyphene	338	3.96	50	Pentobarbital	30	0.35
13	Acetaminophen	301	3.52	51	Lorazepam	30	0.35
14	Amphetamine	259	3.03	52	Hydroxyzine	25	0.29
15	PCP/PCP Combinations	206	2.41	53	Lithium Carbonate	25	0.29
16	Doxepin	197	2.31	54	Theophylline	25	0.29
17	Lidocaine	192	2.25	55	Benztropine	25	0.29
18	Quinine	179	2.10	56	Phenylpropanolamine	24	0.28
19	Phenobarbital	169	1.98	57	Clomipramine	24	0.28
20	Unspec Benzodiazepine	152	1.78	58	Ibuprofen	24	0.28
21	Desipramine	127	1.49	59	Hydromorphone	21	0.25
22	Fluoxetine	118	1.38	60	Cyclobenzaprine	21	0.25
23	Hydantoin	115	1.35	61	Caffeine	20	0.23
24	Aspirin	113	1.32	62	Propranolol HCl	20	0.23
25	Alprazolam	113	1.32	63	Clonazepam	17	0.20
26	Hydrocodone	105	1.23	64	Brompheniramine Maleate	15	0.18
27	Imipramine	99	1.16	65	Amoxapine	15	0.18
28	Butalbital	95	1.11	66	Phentermine	14	0.16
29	Chlordiazepoxide	88	1.03	67	Glutethimide	14	0.16
30	Temazepam	76	0.89	68	Haloperidol	14	0.16
31	Thioridazine	70	0.82	69	Quinidine Sulfate	14	0.16
32	Meprobamate	66	0.77	70	Amobarbital	12	0.14
33	Chlorpheniramine	65	0.76	71	Hydrocarbon	12	0.14
34	Secobarbital	63	0.74	72	Glues	11	0.13
35	Doxylamine Succinate	62	0.73	73	Loxapine	11	0.13
36	Carisoprodol	61	0.71	74	Triazolam	11	0.13
37	Carbamazepine	60	0.70	75	Valproic Acid	10	0.12
38	Dextromethorphan	59	0.69	76	Metoclopramide	10	0.12

NOTE: Percentages are based on a total raw medical examiner drug abuse case count of 8,541.

¹ Includes opiates not specified as to type.

See general footnotes at end of table.

MEDICAL EXAMINER DATA

Table 2.06b - Alphabetical listing of drugs mentioned most frequently by medical examiners in 1993

(Drugs with fewer than 10 mentions are excluded.)

Drug name	Number of mentions	Percent of total episodes	Drug name	Number of mentions	Percent of total episodes
Acetaminophen	301	3.52	Hydrocarbon	12	0.14
Alcohol-in-combination	3,444	40.32	Hydrocodone	105	1.23
Alprazolam	113	1.32	Hydromorphone	21	0.25
Amitriptyline	404	4.73	Hydroxyzine	25	0.29
Amobarbital	12	0.14	Ibuprofen	24	0.28
Amoxapine	15	0.18	Imipramine	99	1.16
Amphetamine	259	3.03	Lidocaine	192	2.25
Aspirin	113	1.32	Lithium Carbonate	25	0.29
Benztropine	25	0.29	Lorazepam	30	0.35
Brompheniramine Maleate	15	0.18	Loxapine	11	0.13
Butalbital	95	1.11	Marijuana/Hashish	457	5.35
Caffeine	20	0.23	Meperidine HCl	55	0.64
Carbamazepine	60	0.70	Meprobamate	66	0.77
Carisoprodol	61	0.71	Mesoridazine	47	0.55
Chlordiazepoxide	88	1.03	Methadone	457	5.35
Chlorpheniramine	65	0.76	Methamphetamine/Speed	382	4.47
Chlorpromazine	45	0.53	Metoclopramide	10	0.12
Clomipramine	24	0.28	Nortriptyline	351	4.11
Clonazepam	17	0.20	Oxazepam	43	0.50
Cocaine	3,910	45.78	Oxycodone	48	0.56
Codeine	990	11.59	PCP/PCP Combinations	206	2.41
Cyclobenzaprine	21	0.25	Pentobarbital	30	0.35
D-Propoxyphene	338	3.96	Phenobarbital	169	1.98
Desipramine	127	1.49	Phentermine	14	0.16
Dextromethorphan	59	0.69	Phenylpropanolamine	24	0.28
Diazepam	605	7.08	Promethazine	41	0.48
Diphenhydramine	369	4.32	Propranolol HCl	20	0.23
Doxepin	197	2.31	Pseudoephedrine	39	0.46
Doxylamine Succinate	62	0.73	Quinidine Sulfate	14	0.16
Ephedrine	36	0.42	Quinine	179	2.10
Fentanyl	36	0.42	Secobarbital	63	0.74
Fluoxetine	118	1.38	Temazepam	76	0.89
Flurazepam	45	0.53	Theophylline	25	0.29
Glues	11	0.13	Thioridazine	70	0.82
Glutethimide	14	0.16	Trazodone	47	0.55
Haloperidol	14	0.16	Triazolam	11	0.13
Heroin/Morphine ¹	3,805	44.55	Unspec Benzodiazepine	152	1.78
Hydantoin	115	1.35	Valproic Acid	10	0.12

NOTE: Percentages are based on a total raw medical examiner drug abuse case count of 8,541.

¹ Includes opiates not specified as to type.

See general footnotes at end of table.

MEDICAL EXAMINER DATA

Table 2.06c - Drugs mentioned most frequently by medical examiners in 1993 according to age of decedent

(Drugs with fewer than 10 mentions are excluded)

Rank	Drug name	Number of mentions	Percent of total episodes	Rank	Drug name	Number of mentions	Percent of total episodes
Decedents 6 to 17 years old				Decedents 26 to 34 years old			
1	Marijuana/Hashish	26	26.53	1	Cocaine	1,228	53.05
2	Cocaine	17	17.35	2	Heroin/Morphine ¹	1,073	46.35
3	Alcohol-in-combination	16	16.33	3	Alcohol-in-combination	1,013	43.76
4	Heroin/Morphine ¹	12	12.24	4	Codeine	243	10.50
				5	Marijuana/Hashish	162	7.00
				6	Diazepam	150	6.48
				7	Methamphetamine/Speed	133	5.75
				8	Methadone	103	4.45
				9	Amphetamine	88	3.80
				10	PCP/PCP Combinations	81	3.50
				11	D-Propoxyphene	79	3.41
				12	Amitriptyline	74	3.20
				13	Acetaminophen	68	2.94
				14	Nortriptyline	65	2.81
				15	Diphenhydramine	60	2.59
Decedents 18 to 25 years old				Decedents 35 years of age and older			
1	Cocaine	354	43.98	1	Heroin/Morphine ¹	2,410	45.62
2	Alcohol-in-combination	301	37.39	2	Cocaine	2,286	43.27
3	Heroin/Morphine ¹	294	36.52	3	Alcohol-in-combination	2,097	39.69
4	Marijuana/Hashish	122	15.16	4	Codeine	668	12.64
5	Codeine	69	8.57	5	Diazepam	415	7.86
6	Methamphetamine/Speed	54	6.71	6	Methadone	342	6.47
7	PCP/PCP Combinations	50	6.21	7	Amitriptyline	307	5.81
8	Amphetamine	41	5.09	8	Diphenhydramine	265	5.02
9	Diphenhydramine	38	4.72	9	Nortriptyline	258	4.88
10	Diazepam	34	4.22	10	D-Propoxyphene	237	4.49
11	Acetaminophen	25	3.11	11	Acetaminophen	203	3.84
12	Nortriptyline	23	2.86	12	Methamphetamine/Speed	190	3.60
13	Amitriptyline	21	2.61	13	Marijuana/Hashish	147	2.78
14	D-Propoxyphene	20	2.48	14	Doxepin	134	2.54
15	Desipramine	14	1.74	15	Amphetamine	128	2.42

NOTE: Percentages are based on total raw medical examiner drug abuse case counts of 98 decedents 6 to 17 years old, 805 decedents 18 to 25 years old, 2,315 decedents 26 to 34 years old, and 5,283 decedents aged 35 years and older.

¹ Includes opiates not specified as to type.

See general footnotes at end of table.

MEDICAL EXAMINER DATA

Table 2.06d - Drugs mentioned most frequently by medical examiners in 1993 according to race/ethnicity of decedent

(Drugs with fewer than 10 mentions are excluded)

Rank	Drug name	Number of mentions	Percent of total episodes	Rank	Drug name	Number of mentions	Percent of total episodes
White decedents				Hispanic decedents			
1	Heroin/Morphine ¹	1,988	41.30	1	Heroin/Morphine ¹	632	60.54
2	Alcohol-in-combination	1,893	39.33	2	Cocaine	532	50.96
3	Cocaine	1,566	32.54	3	Alcohol-in-combination	498	47.70
4	Codeine	592	12.30	4	Codeine	119	11.40
5	Diazepam	504	10.47	5	Methadone	81	7.76
6	Methamphetamine/Speed	304	6.32	6	Marijuana/Hashish	55	5.27
7	D-Propoxyphene	297	6.17	7	PCP/PCP Combinations	50	4.79
8	Amitriptyline	293	6.09	8	Methamphetamine/Speed	43	4.12
9	Marijuana/Hashish	283	5.88	9	Lidocaine	26	2.49
10	Diphenhydramine	258	5.36	10	Amphetamine	26	2.49
11	Nortriptyline	255	5.30	11	Diazepam	20	1.92
12	Acetaminophen	243	5.05	12	Amitriptyline	17	1.63
13	Methadone	239	4.97	13	Diphenhydramine	17	1.63
14	Amphetamine	215	4.47	14	Nortriptyline	17	1.63
15	Doxepin	148	3.08	15	Acetaminophen	15	1.44
Black decedents							
1	Cocaine	1,758	69.73				
2	Heroin/Morphine ¹	1,138	45.14				
3	Alcohol-in-combination	1,000	39.67				
4	Codeine	268	10.63				
5	Methadone	131	5.20				
6	Quinine	111	4.40				
7	Marijuana/Hashish	109	4.32				
8	Amitriptyline	87	3.45				
9	Lidocaine	81	3.21				
10	Diphenhydramine	77	3.05				
11	Nortriptyline	75	2.98				
12	PCP/PCP Combinations	72	2.86				
13	Diazepam	67	2.66				
14	Acetaminophen	37	1.47				
15	Hydantoin	34	1.35				

NOTE: Percentages are based on total raw medical examiner drug abuse case counts of 4,813 white decedents, 2,521 black decedents, and 1,044 Hispanic decedents.

¹ Includes opiates not specified as to type.

See general footnotes at end of table.

MEDICAL EXAMINER DATA

Table 2.06e - Drugs mentioned most frequently by medical examiners in 1993 according to sex of decedent

(Drugs with fewer than 10 mentions are excluded)

Rank	Drug name	Number of mentions	Percent of total episodes	Rank	Drug name	Number of mentions	Percent of total episodes
Male decedents				Female Decedents			
1	Cocaine	3,129	48.79	1	Cocaine	772	37.03
2	Heroin/Morphine ¹	3,116	48.59	2	Heroin/Morphine ¹	672	32.23
3	Alcohol-in-combination	2,787	43.46	3	Alcohol-in-combination	640	30.70
4	Codeine	758	11.82	4	Codeine	230	11.03
5	Diazepam	427	6.66	5	Amitriptyline	189	9.06
6	Marijuana/Hashish	405	6.32	6	Diazepam	176	8.44
7	Methadone	313	4.88	7	Nortriptyline	167	8.01
8	Methamphetamine/Speed	307	4.79	8	Diphenhydramine	159	7.63
9	Amitriptyline	213	3.32	9	D-Propoxyphene	148	7.10
10	Diphenhydramine	208	3.24	10	Methadone	143	6.86
11	Amphetamine	199	3.10	11	Acetaminophen	141	6.76
12	D-Propoxyphene	190	2.96	12	Doxepin	85	4.08
13	Nortriptyline	180	2.81	13	Phenobarbital	77	3.69
14	PCP/PCP Combinations	179	2.79	14	Methamphetamine/Speed	71	3.41
15	Acetaminophen	158	2.46	15	Fluoxetine	61	2.93

¹ Includes opiates not specified as to type.

NOTES: Percentages are based on raw medical examiner drug abuse case counts of 6,413 male decedents and 2,085 female decedents.

In using this table the reader should be aware that individual drugs are frequently mentioned in combination with other drugs and that the population at risk of an adverse consequence relating to the abuse of any particular drug is unknown, i.e., the number of people abusing a particular substance, either alone or in any combination, is unknown. Thus the relative frequency of mentions of any drug pertains only to the DAWN system and not to the larger population at risk.

The drug categories represented in this table are more detailed than those in other tables in this report. Specifically, codeine combination drugs and individual inhalants are listed separately in this table but are grouped in aggregate categories in the main tables of this report. Diphenylhydantoin sodium is listed as hydantoin. Also the benzodiazepine category includes benzodiazepines other than alprazolam, chlordiazepoxide, clonazepam, clorazepate, diazepam, flurazepam, lorazepam, nitrazepam, oxazepam, prazepam, triazolam, and temazepam.

Within the context of the DAWN drug classification scheme, some specific drugs, e.g., certain combination drugs, are not grouped together at the roughly generic level reflected in most of the tables in this report. Some of these "ungrouped" drugs were reported frequently enough to meet the criteria for inclusion in this table but are not shown. These drugs, however, are included in the other tables in this report under the categories of "other/unspecified" drugs within therapeutic classes or under "all other drugs," as appropriate.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA ¹

Table 2.07 - Number of mentions and percent distribution of total deaths by selected drug group according to sex: 1993

Drug groups: therapeutic class by drug category (Examples of commonly encountered brands)	TOTAL ²		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
TRANQUILIZERS	1,131		747		380	
Diazepam (Valium)	605	7.1	427	6.7	176	8.4
Alprazolam (Xanax)	113	1.3	55	.9	58	2.8
Chlordiazepoxide (Librium)	88	1.0	61	1.0	27	1.3
Clorazepate (Tranxene)	1	*	-	-	1	*
Lorazepam (Ativan)	30	.4	17	.3	13	.6
Meprobamate	66	.8	41	.6	24	1.2
Other/unspecified tranquilizers	228	2.7	146	2.3	81	3.9
NARCOTIC ANALGESICS	5,876		4,566		1,290	
Heroin/Morphine ³	3,805	44.5	3,116	48.6	672	32.2
d-Propoxyphene (Darvocet N, Darvon)	338	4.0	190	3.0	148	7.1
Methadone	457	5.4	313	4.9	143	6.9
Oxycodone (Percocet ⁵ , Percodan, Tylox)	48	.6	30	.5	18	.9
Codeine	990	11.6	758	11.8	230	11.0
Meperidine HCl (Demerol)	55	.6	34	.5	21	1.0
Hydromorphone (Dilaudid)	21	.2	18	.3	3	.1
Other/unspecified narcotic analgesics	162	1.9	107	1.7	55	2.6
NON-NARCOTIC ANALGESICS	476		246		226	
Aspirin	113	1.3	56	.9	55	2.6
Acetaminophen (Tylenol)	301	3.5	158	2.5	141	6.8
Pentazocine (Talwin, Talacen)	1	*	-	-	-	-
Butalbital combinations (Fiorinal, Esgic)	1	*	1	*	-	-
Other/unspecified non-narcotic analgesics	61	.7	31	.5	30	1.4
NON-BARBITURATE SEDATIVES	162		85		77	
Methaqualone (Quaalude, Sleepinal)	1	*	1	*	-	-
Flurazepam (Dalmane)	45	.5	19	.3	26	1.2
O.T.C. sleep aids (Sominex, Unisom, Nytol)	1	*	1	*	-	-
Ethchlorvynol (Placidyl)	9	.1	7	.1	2	.1
Glutethimide (Doriden)	14	.2	9	.1	5	.2
Chloral hydrate	4	*	3	*	1	*
Other/unspecified non-barbiturate sedatives	88	1.0	45	.7	43	2.1
ANTIDEPRESSANTS	1,419		749		661	
Amitriptyline (Elavil)	404	4.7	213	3.3	189	9.1
Amitrip. comb. (Triavil, Limbitrol)	-	-	-	-	-	-
Doxepin (Sinequan)	197	2.3	112	1.7	85	4.1
Fluoxetine (Prozac)	118	1.4	56	.9	61	2.9
Imipramine (Tofranil)	99	1.2	55	.9	44	2.1
Desipramine (Norpramin)	127	1.5	68	1.1	57	2.7
Other/unspecified antidepressants	474	5.5	245	3.8	225	10.8
ANTIPSYCHOTICS	207		108		97	
Chlorpromazine (Thorazine)	45	.5	29	.5	16	.8
Thioridazine (Mellaril)	70	.8	32	.5	38	1.8
Haloperidol (Haldol)	14	.2	8	.1	5	.2
Trifluoperazine (Stelazine)	4	*	2	*	2	.1
Other/unspecified antipsychotics	74	.9	37	.6	36	1.7
BARBITURATE SEDATIVES	391		216		171	
Phenobarbital	169	2.0	92	1.4	77	3.7
Secobarbital/Amobarbital (Tuinal)	-	-	-	-	-	-
Secobarbital (Seconal)	63	.7	35	.5	26	1.2
Pentobarbital (Nembutal)	30	.4	19	.3	11	.5
Other/unspecified barbiturate sedatives	129	1.5	70	1.1	57	2.7
AMPHETAMINES	644		509		129	
Amphetamine	259	3.0	199	3.1	58	2.8
Methamphetamine/Speed	382	4.5	307	4.8	71	3.4
Other/unspecified amphetamines	3	*	3	*	-	-
HALLUCINOGENS	210		183		27	
PCP/PCP combinations	206	2.4	179	2.8	27	1.3
LSD	4	*	4	.1	-	-
Other/unspecified hallucinogens	-	-	-	-	-	-
OTHER DRUGS						
Alcohol-in-combination	3,444	40.3	2,787	43.5	640	30.7
Cocaine	3,910	45.8	3,129	48.8	772	37.0
Marijuana/Hashish	457	5.4	405	6.3	52	2.5
Codeine combinations	1	*	1	*	-	-
Diphenylhydantoin sodium (Dilantin)	115	1.3	82	1.3	33	1.6
Diphenhydramine (Benadryl)	369	4.3	208	3.2	159	7.6
O.T.C. diet aids (Dexatrim, Acutrim)	-	-	-	-	-	-
Inhalants/Solvents/Aerosols	138	1.6	103	1.6	34	1.6
Methylphenidate (Ritalin)	1	*	-	-	1	*
All other drugs	1,413		881		523	
DRUG UNKNOWN ¹	11		8		3	
TOTAL DRUG MENTIONS	20,375	238.6	15,013	234.1	5,275	253.0
Total drug abuse deaths	8,541	100.0	6,413	100.0	2,085	100.0

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned. See discussion in the Introduction.

² Includes episodes for which sex was unknown or not reported.

³ Includes opiates not specified as to type. See discussion in the Introduction.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA 1

Table 2.08 - Number of mentions and percent distribution of total deaths by selected drug group according to race/ethnicity: 1993

Drug groups: therapeutic class by drug category (Examples of commonly encountered brands)	TOTAL 2		White		Black		Hispanic		Other	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TRANQUILIZERS	1,131		942		126		40		10	
Diazepam (Valium)	605	7.1	504	10.5	67	2.7	20	1.9	5	5.6
Alprazolam (Xanax)	113	1.3	105	2.2	7	.3	1	.1		
Chlordiazepoxide (Librium)	88	1.0	67	1.4	14	.6	5	.5		
Clorazepate (Tranxene)	1	*	1	*						
Lorazepam (Ativan)	30	.4	25	.5	1	*	3	.3	1	1.1
Meprobamate	66	.8	56	1.2	6	.2	2	.2	2	2.2
Other/unspecified tranquilizers	228	2.7	184	3.8	31	1.2	6	.6	2	2.2
NARCOTIC ANALGESICS	5,876		3,355		1,603		845		42	
Heroin/Morphine 3	3,805	44.5	1,988	41.3	1,138	45.1	632	60.5	24	27.0
d-Propoxyphene (Darvocet N, Darvon)	338	4.0	297	6.0	31	1.2	5	.5	2	2.2
Methadone	457	5.4	239	5.0	131	5.2	81	7.8	2	5.6
Oxycodone (Percocet 5, Percodan, Tylox)	48	.6	42	.9	6	.2				
Codeine	990	11.6	592	12.6	268	10.6	119	11.4	7	7.9
Meperidine HCl (Demerol)	55	.6	43	.9	10	.4	2	.2		
Hydromorphone (Dilaudid)	21	.2	20	.4	1	*				
Other/unspecified narcotic analgesics	162	1.9	134	2.8	18	.7	6	.6	4	4.5
NON-NARCOTIC ANALGESICS	476		375		66		24		8	
Aspirin	113	1.3	83	1.7	19	.8	6	.6	4	4.5
Acetaminophen (Tylenol)	301	3.5	243	5.0	37	1.5	15	1.4	4	4.5
Pentazocine (Talwin, Talacen)	1	*	1	*						
Butalbital combinations (Fiorinal, Esgic)	1	*	1	*						
Other/unspecified non-narcotic analgesics	61	.7	48	1.0	10	.4	3	.3		
NON-BARBITURATE SEDATIVES	162		146		8		5		1	
Methaqualone (Quaalude, Sleepinal)	1	*	1	*						
Flurazepam (Dalmane)	45	.5	42	.9	2	.1				
O.T.C. sleep aids (Somnex, Unisom, Nytol)	1	*	1	*						
Ethchlorvynol (Placidyl)	9	.1	9	.2						
Glutethimide (Doriden)	14	.2	11	.2	3	.1				
Chloral hydrate	4	*	3	.1			1	.1		
Other/unspecified non-barbiturate sedatives	88	1.0	79	1.6	3	.1	4	.4	1	1.1
ANTIDEPRESSANTS	1,419		1,100		232		58		20	
Amitriptyline (Elavil)	1,404	4.7	293	6.1	87	3.5	17	1.6	5	5.6
Amitrip. comb. (Triavil, Limbitrol)										
Doxepin (Sinequan)	197	2.3	148	3.1	29	1.2	12	1.1	5	5.6
Fluoxetine (Prozac)	118	1.4	107	2.2	6	.2	4	.4		
Imipramine (Tofranil)	99	1.2	87	1.8	8	.3	3	.3	2	2.2
Desipramine (Norpramin)	127	1.5	106	2.2	13	.5	3	.3	4	4.5
Other/unspecified antidepressants	474	5.5	359	7.5	89	3.5	20	1.9	4	4.5
ANTIPSYCHOTICS	207		138		40		20		6	
Chlorpromazine (Thorazine)	45	.5	37	.8	6	.2	2	.2		
Thioridazine (Mellaril)	70	.8	45	.9	14	.6	9	.9	1	1.1
Haloperidol (Haldol)	14	.2	7	.1	3	.1	1	.1	3	3.4
Trifluoperazine (Stelazine)	4	*	3	.1					1	1.1
Other/unspecified antipsychotics	74	.9	46	1.0	17	.7	8	.8	1	1.1
BARBITURATE SEDATIVES	391		326		43		18			
Phenobarbital	169	2.0	125	2.6	28	1.1	15	1.4		
Secobarbital/Amobarbital (Tuinal)										
Secobarbital (Seconal)	63	.7	60	1.2	2	.1			1	1.1
Pentobarbital (Nembutal)	30	.4	27	.6	2	.1			1	1.1
Other/unspecified barbiturate sedatives	129	1.5	114	2.4	11	.4	3	.3		
AMPHETAMINES	644		521		31		69		10	
Amphetamine	259	3.0	215	4.5	9	.4	26	2.5	5	5.6
Methamphetamine/Speed	382	4.5	304	6.3	21	.8	43	4.1	5	5.6
Other/unspecified amphetamines	3	*	2	*	1	*				
HALLUCINOGENS	210		80		75		50		2	
PCP/PCP combinations	206	2.4	79	1.6	72	2.9	50	4.8	2	2.2
LSD	4	*	1	*	3	.1				
Other/unspecified hallucinogens										
OTHER DRUGS										
Alcohol-in-combination	3,444	40.3	1,893	39.3	1,000	39.7	498	47.7	22	24.7
Cocaine	3,910	45.8	1,566	32.5	1,758	69.7	532	51.0	25	28.1
Marijuana/Hashish	457	5.4	283	5.9	109	4.3	55	5.3	8	9.0
Codeine combinations	1	*	1	*						
Diphenylhydantoin sodium (Dilantin)	115	1.3	74	1.5	34	1.3	6	.6		
Diphenhydramine (Benadryl)	369	4.3	258	5.4	77	3.1	17	1.6	12	13.5
O.T.C. diet aids (Dexatrim, Acutrim)										
Inhalants/Solvents/Aerosols	138	1.6	96	2.0	21	.8	15	1.4	4	4.5
Methylphenidate (Ritalin)	1	*	1	*						
All other drugs	1,413		920		368		89		19	
DRUG UNKNOWN	11		8		2					
TOTAL DRUG MENTIONS	20,375	238.6	12,083	251.0	5,593	221.9	2,341	224.2	191	214.6
Total drug abuse deaths	8,541	100.0	4,813	100.0	2,521	100.0	1,044	100.0	89	100.0

1 Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned. See discussion in the Introduction.

2 Includes episodes for which race/ethnicity was unknown or not reported.

3 Includes opiates not specified as to type. See discussion in the Introduction.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA ¹

Table 2.09 - Number of mentions and percent distribution of total deaths by selected drug group according to age:
1993

Drug groups: therapeutic class by drug category	6-17 years		18-25 years		26-34 years		35-44 years		45-54 years		55 years and older	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TRANQUILIZERS	3		65		251		489		176		139	
Diazepam	2	2.0	34	4.2	150	6.5	270	8.0	94	7.8	51	7.3
Alprazolam	1	1.0	9	1.1	22	1.0	51	1.5	11	0.9	19	2.7
Chlordiazepoxide	-	-	2	.2	12	.5	43	1.3	20	1.7	11	1.6
Clorazepate	-	-	-	-	-	-	1	0.0	-	-	-	-
Lorazepam	-	-	-	-	5	.2	11	.3	4	.3	9	1.3
Meprobamate	-	-	3	.4	15	.6	24	.7	12	1.0	11	1.6
Other/unspecified	-	-	17	2.1	47	2.0	89	2.6	35	2.9	38	5.4
NARCOTIC ANALGESICS	26		419		1,575		2,722		789		324	
Heroin/Morphine ²	12	12.2	294	36.5	1,073	46.3	1,802	53.2	477	39.8	131	18.8
d-Propoxyphene	-	-	20	2.5	79	3.4	124	3.7	52	4.3	61	8.7
Methadone	-	-	11	1.4	103	4.4	247	7.3	74	6.1	21	3.0
Oxycodone	1	1.0	4	.5	13	.6	17	.5	6	.5	7	1.0
Codeine	-	-	69	8.6	243	10.5	461	13.6	137	11.4	70	10.0
Meperidine HCl	2	2.0	2	.2	12	.5	15	.4	11	.9	13	1.9
Hydromorphone	-	-	2	.2	5	.2	5	.1	4	.3	6	.8
Other/unspecified	3	3.1	17	2.1	47	2.0	51	1.5	28	2.3	16	2.3
NON-NARCOTIC ANALGESICS	6		34		105		170		82		77	
Aspirin	3	3.1	6	.7	21	.9	37	1.1	21	1.8	25	3.6
Acetaminophen	3	3.1	25	3.1	68	2.9	110	3.2	47	3.9	46	6.6
Pentazocine	-	-	-	-	-	-	-	-	-	-	-	-
Butalbital combinations	-	-	-	-	-	-	1	0.0	-	-	-	-
Other/unspecified	-	-	3	.4	16	.7	22	.6	14	1.2	6	.9
NON-BARBITURATE SEDATIVES	-	-	8		26		52		28		48	
Methaqualone	-	-	-	-	1	*	-	-	-	-	-	-
Flurazepam	-	-	3	.4	4	.2	8	.2	11	.9	19	2.7
O.T.C. Sleep aids	-	-	-	-	4	.2	4	.1	1	.1	-	-
Ethchlorvynol	-	-	-	-	4	.2	4	.1	-	-	-	-
Glutethimide	-	-	3	.4	2	.1	7	.2	2	.2	-	-
Chloral hydrate	-	-	-	-	1	*	2	.0	-	-	1	.1
Other/unspecified	-	-	2	.2	14	.6	30	.9	14	1.2	28	4.0
ANTIDEPRESSANTS	20		94		292		555		246		210	
Amitriptyline	2	2.0	21	2.6	74	3.2	177	5.2	68	5.7	62	8.9
Amitriptyline combinations	-	-	-	-	-	-	-	-	-	-	-	-
Doxepin	3	3.1	11	1.4	48	2.1	77	2.3	37	3.1	20	2.9
Fluoxetine	-	-	10	1.2	21	.9	43	1.3	28	2.3	16	2.3
Imipramine	3	3.1	9	1.1	29	1.3	26	.8	12	1.0	20	2.9
Desipramine	8	8.2	14	1.7	29	1.3	40	1.2	19	1.6	17	2.4
Other/unspecified	4	4.1	29	3.6	91	3.9	192	5.7	82	6.8	75	10.7
ANTIPSYCHOTICS	3		17		25		80		50		30	
Chlorpromazine	1	1.0	2	.2	9	.4	19	.6	13	1.1	8	1.1
Thioridazine	1	1.0	6	.7	9	.4	27	.8	14	1.2	12	1.7
Haloperidol	-	-	4	.5	4	.2	2	.1	2	.2	-	-
Trifluoperazine	-	-	-	-	2	.1	2	.1	2	.2	-	-
Other/unspecified	1	1.0	5	.6	10	.4	30	.9	17	1.4	10	1.4
BARBITURATE SEDATIVES	4		21		67		146		64		87	
Phenobarbital	2	2.0	8	1.0	31	1.3	69	2.0	28	2.3	29	4.2
Secobarbital/Amobarbital	-	-	-	-	-	-	-	-	-	-	-	-
Secobarbital	-	-	3	.4	5	.2	17	.5	9	.8	29	4.2
Pentobarbital	1	1.0	3	.4	2	.1	8	.2	5	.4	11	1.6
Other/unspecified	1	1.0	7	.9	29	1.3	52	1.5	22	1.8	18	2.6
AMPHETAMINES	5		95		222		225		71		24	
Amphetamine	1	1.0	41	5.1	88	3.8	90	2.7	29	2.4	9	1.3
Methamphetamine/Speed	4	4.1	54	6.7	133	5.7	133	3.9	42	3.5	15	2.1
Other/unspecified	-	-	-	-	1	*	2	.0	-	-	-	-
HALLUCINOGENS	3		52		83		60		10		2	
PCP/PCP combinations	3	3.1	50	6.2	81	3.5	60	1.8	10	.8	2	.3
LSD	-	-	2	.2	2	.1	-	-	-	-	-	-
Other/unspecified	-	-	-	-	-	-	-	-	-	-	-	-
OTHER DRUGS	16	16.3	301	37.4	1,013	43.8	1,467	43.3	423	35.3	207	29.7
Alcohol-in-combination	17	17.3	354	44.0	1,228	53.0	1,653	48.8	507	42.3	126	18.1
Cocaine	26	26.5	122	15.2	162	7.0	107	3.2	29	2.4	11	1.6
Marijuana/Hashish	-	-	-	-	1	*	-	-	-	-	-	-
Codeine combinations	-	-	-	-	-	-	-	-	-	-	-	-
Diphenhydantoin sodium	3	3.1	7	.9	22	1.0	52	1.5	17	1.4	13	1.9
Diphenhydramine	3	3.1	38	4.7	60	2.6	133	3.9	73	6.1	59	8.5
O.T.C. diet aids	-	-	-	-	-	-	-	-	-	-	-	-
Inhalants/Solvents/Aerosols	7	7.1	23	2.9	34	1.5	37	1.1	19	1.6	18	2.6
Methylphenidate	-	-	-	-	1	*	-	-	-	-	-	-
All other drugs	14		107		307		527		267		177	
DRUG UNKNOWN ¹	-	-	2		4		2		2		1	
TOTAL DRUG MENTIONS	156	159.2	1,759	218.5	5,478	236.6	8,477	250.4	2,853	237.9	1,553	222.5
Total drug abuse deaths	98	100.0	805	100.0	2,315	100.0	3,386	100.0	1,199	100.0	698	100.0

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned. See discussion in the Introduction.

² Includes opiates not specified as to type. See discussion in the Introduction.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA ¹

Table 2.10 - Number of mentions and percent distribution of total deaths by selected drug group according to cause of death: 1993

Drug groups: therapeutic class by drug category	Direct - single drug		Direct - multiple drugs		Drug and physiological condition		Drug and external physical event		Drug and medical disorder	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TRANQUILIZERS	13		811		85		178		23	
Diazepam	2	0.2	434	8.6	48	6.0	101	6.8	11	3.9
Alprazolam	2	.2	90	1.8	4	.5	13	.9	2	.7
Chlordiazepoxide	-	-	62	1.2	10	1.3	12	.8	2	.7
Clorazepate	-	-	1	*	-	-	-	-	-	-
Lorazepam	1	.1	22	.4	2	.3	5	.3	-	-
Meprobamate	1	.1	54	1.1	4	.5	6	.4	-	-
Other/unspecified	7	.9	148	2.9	17	2.1	41	2.8	8	2.8
NARCOTIC ANALGESICS	332		4,721		326		279		158	
Heroin/Morphine ²	286	35.1	3,085	61.2	149	18.8	151	10.2	93	32.7
d-Propoxyphene	11	1.4	271	5.4	22	2.8	28	1.9	3	1.1
Methadone	22	2.7	309	6.1	58	7.3	33	2.2	31	10.9
Oxycodone	-	-	42	.8	2	.3	3	.2	-	-
Codeine	2	.2	854	16.9	67	8.4	41	2.8	19	6.7
Meperidine HCl	2	.2	29	.6	11	1.4	5	.3	7	2.5
Hydromorphone	1	.1	13	.3	1	.1	5	.3	1	.4
Other/unspecified	8	1.0	118	2.3	16	2.0	13	.9	4	1.4
NON-NARCOTIC ANALGESICS	33		333		42		51		10	
Aspirin	21	2.6	74	1.5	9	1.1	5	.3	3	1.1
Acetaminophen	9	1.1	224	4.4	21	2.6	35	2.4	7	2.5
Pentazocine	-	-	-	-	-	-	-	-	-	-
Butalbital combinations	-	-	1	*	-	-	-	-	-	-
Other/unspecified	3	.4	34	.7	12	1.5	11	.7	-	-
NON-BARBITURATE SEDATIVES	5		127		8		18		1	
Methaqualone	-	-	-	-	-	-	1	.1	-	-
Flurazepam	2	.2	33	.7	1	.1	7	.5	1	.4
O.T.C. sleep aids	-	-	1	*	-	-	-	-	-	-
Ethchlorvynol	1	.1	5	.1	2	.3	1	.1	-	-
Glutethimide	-	-	14	.3	-	-	-	-	-	-
Chloral hydrate	-	-	3	.1	-	-	-	-	-	-
Other/unspecified	2	.2	71	1.4	5	.6	9	.6	-	-
ANTIDEPRESSANTS	71		1,112		100		90		27	
Amitriptyline	13	1.6	319	6.3	39	4.9	18	1.2	11	3.9
Amitriptyline combinations	-	-	-	-	-	-	-	-	-	-
Doxepin	15	1.8	160	3.2	8	1.0	7	.5	3	1.1
Fluoxetine	2	.2	85	1.7	12	1.5	16	1.1	1	.4
Imipramine	7	.9	80	1.6	3	.4	7	.5	2	.7
Desipramine	14	1.7	97	1.9	6	.8	9	.6	-	-
Other/unspecified	20	2.5	371	7.4	32	4.0	33	2.2	10	3.5
ANTI-PSYCHOTICS	6		150		32		11		3	
Chlorpromazine	5	.6	30	.6	6	.8	2	.1	1	.4
Thioridazine	1	.1	51	1.0	12	1.5	4	.3	1	.4
Haloperidol	-	-	11	.2	2	.3	1	.1	-	-
Trifluoperazine	-	-	4	.1	-	-	4	.3	-	-
Other/unspecified	-	-	54	1.1	12	1.5	4	.3	1	.4
BARBITURATE SEDATIVES	23		280		19		45		15	
Phenobarbital	6	.7	121	2.4	13	1.6	15	1.0	9	3.2
Secobarbital/Amobarbital	-	-	-	-	-	-	-	-	-	-
Secobarbital	13	1.6	43	.9	2	.3	5	.3	-	-
Pentobarbital	3	.4	19	.4	5	.6	5	.3	2	.7
Other/unspecified	1	.1	97	1.9	4	.5	20	1.4	4	1.4
AMPHETAMINES	6		302		93		211		12	
Amphetamine	-	-	121	2.4	37	4.7	90	6.1	3	1.1
Methamphetamine/Speed	6	.7	179	3.5	56	7.1	120	8.1	9	3.2
Other/unspecified	-	-	2	*	-	-	1	.1	-	-
HALLUCINOGENS	6		110		13		74		4	
PCP/PCP combinations	5	.6	110	2.2	13	1.6	71	4.8	4	1.4
LSD	1	.1	-	-	-	-	3	.2	-	-
Other/unspecified	-	-	-	-	-	-	-	-	-	-
OTHER DRUGS	-		-		-		-		-	
Alcohol-in-combination	-	-	2,479	49.1	191	24.1	660	44.6	62	21.8
Cocaine	231	28.4	2,374	47.1	385	48.5	720	48.7	158	55.6
Marijuana/Hashish	1	.1	138	2.7	48	6.0	257	17.4	4	1.4
Codeine combinations	-	-	1	*	-	-	-	-	-	-
Diphenhydantoin sodium	2	.2	55	1.1	16	2.0	29	2.0	9	3.2
Diphenhydramine	9	1.1	240	4.8	54	6.8	50	3.4	10	3.5
O.T.C. diet aids	-	-	-	-	-	-	-	-	-	-
Inhalants/Solvents/Aerosols	32	3.9	58	1.1	17	2.1	28	1.9	-	-
Methylphenidate	-	-	1	*	-	-	-	-	-	-
All other drugs	44	-	926	-	216	-	168	-	31	-
DRUG UNKNOWN ¹	-	-	6	-	-	-	2	-	2	-
TOTAL DRUG MENTIONS	814	100.0	14,224	282.0	1,645	207.2	2,871	194.1	529	186.3
Total drug abuse deaths	814	100.0	5,044	100.0	794	100.0	1,479	100.0	284	100.0

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned. See discussion in the Introduction.

² Includes opiates not specified as to type. See discussion in the Introduction.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA ¹

Table 2.11 - Number of mentions and percent distribution of total deaths by selected drug group according to manner of death: 1993

Drug groups: therapeutic class by drug category	Accidental/unexpected		Suicide		Other/unknown	
	Number	Percent	Number	Percent	Number	Percent
TRANQUILIZERS	532		341		258	
Diazepam	315	6.4	160	9.3	130	6.9
Alprazolam	43	.9	46	2.7	24	1.3
Chlordiazepoxide	37	.8	21	1.2	30	1.6
Clorazepate	1	*	-	-	-	-
Lorazepam	14	.3	15	.9	1	.1
Meprobamate	29	.6	19	1.1	18	1.0
Other/unspecified	93	1.9	80	4.6	55	2.9
NARCOTIC ANALGESICS	4,004		539		1,333	
Heroin/Morphine ²	2,788	56.5	170	9.9	847	44.9
d-Propoxyphene	129	2.6	134	7.8	75	4.0
Methadone	307	6.2	31	1.8	119	6.3
Oxycodone	17	.3	19	1.1	12	.6
Codeine	654	13.3	119	6.3	217	11.5
Meperidine HCl	20	.4	14	.8	21	1.1
Hydromorphone	7	.1	11	.6	3	.2
Other/unspecified	82	1.7	41	2.4	39	2.1
NON-NARCOTIC ANALGESICS	123		231		122	
Aspirin	24	.5	62	3.6	27	1.4
Acetaminophen	77	1.6	143	8.3	81	4.3
Pentazocine	-	-	-	-	-	-
Butalbital combinations	-	-	-	-	-	-
Other/unspecified	21	.4	26	1.5	14	.7
NON-BARBITURATE SEDATIVES	49		89		24	
Methaqualone	1	*	-	-	-	-
Flurazepam	12	.2	27	1.6	6	.3
O.T.C. Sleep aids	1	.0	-	-	-	-
Ethchlorvynol	3	.1	4	.2	2	.1
Glutethimide	10	.2	2	.1	2	.1
Chloral hydrate	-	-	4	.2	-	-
Other/unspecified	22	.4	52	3.0	14	.7
ANTIDEPRESSANTS	392		719		308	
Amitriptyline	135	2.7	173	10.0	96	5.1
Amitriptyline combinations	-	-	-	-	-	-
Doxepin	58	1.2	103	6.0	36	1.9
Fluoxetine	32	.6	54	3.1	32	1.7
Imipramine	9	.2	73	4.2	17	.9
Desipramine	17	.3	88	5.1	22	1.3
Other/unspecified	141	2.9	228	13.2	105	5.6
ANTIPSYCHOTICS	74		72		61	
Chlorpromazine	15	.3	16	.9	14	.7
Thioridazine	25	.5	21	1.3	24	1.3
Haloperidol	8	.2	5	.3	1	.1
Trifluoperazine	1	*	3	.2	-	-
Other/unspecified	25	.5	27	1.6	22	1.2
BARBITURATE SEDATIVES	133		186		72	
Phenobarbital	72	1.5	66	3.8	31	1.6
Secobarbital/Amobarbital	-	-	-	-	-	-
Secobarbital	13	.3	42	2.4	8	.4
Pentobarbital	3	.1	22	1.3	5	.3
Other/unspecified	45	.9	56	3.3	28	1.5
AMPHETAMINES	431		129		84	
Amphetamine	173	3.5	57	3.3	29	1.5
Methamphetamine/Speed	255	5.2	72	4.2	55	2.9
Other/unspecified	3	.1	-	-	-	-
HALLUCINOGENS	136		33		41	
PCP/PCP combinations	133	2.7	33	1.9	40	2.1
LSD	3	.1	-	-	1	.1
Other/unspecified	-	-	-	-	-	-
OTHER DRUGS						
Alcohol-in-combination	2,142	43.4	583	33.9	719	38.1
Cocaine	2,684	54.4	385	22.4	841	44.6
Marijuana/Hashish	272	5.5	110	6.4	75	4.0
Codeine combinations	1	*	-	-	-	-
Diphenhydantoin sodium	56	1.1	23	1.3	36	1.9
Diphenhydramine	131	2.7	148	8.6	90	4.8
O.T.C. diet aids	-	-	-	-	-	-
Inhalants/Solvents/Aerosols	61	1.2	54	3.1	23	1.2
Methylphenidate	-	-	1	.1	-	-
All other drugs	468		402		543	
DRUG UNKNOWN ¹	6		2		3	
TOTAL DRUG MENTIONS	11,695	237.1	4,047	235.0	4,633	245.7
Total drug abuse deaths	4,933	100.0	1,722	100.0	1,886	100.0

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned. See discussion in the Introduction.

² Includes opiates not specified as to type. See discussion in the Introduction.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA 1

Table 2.12 - Percent distribution of drug mentions by sex and race/ethnicity according to drug group: 1993

Drug groups: therapeutic class by drug category	Sex				Race/ethnicity						Number of mentions
	Male	Female	Unknown	TOTAL	White	Black	Hispanic	Other	Unknown	TOTAL	
TRANQUILIZERS	66.0	33.6	0.4	100.0	83.3	11.1	3.5	0.9	1.1	100.0	1,131
Diazepam	70.6	29.1	.3	100.0	83.3	11.1	3.3	.8	1.5	100.0	605
Alprazolam	48.7	51.3	-	100.0	92.9	6.2	-	-	-	100.0	113
Chlordiazepoxide	69.3	30.7	-	100.0	76.1	15.9	5.7	-	2.3	100.0	88
Clorazepate	56.7	43.3	..	100.0	83.3	3.3	10.0	3.3	..	100.0	1
Lorazepam	56.7	43.3	..	100.0	83.3	3.3	10.0	3.3	..	100.0	30
Meprobamate	62.1	36.4	1.5	100.0	84.8	9.1	3.0	3.0	-	100.0	66
Other/unspecified	64.0	35.5	.4	100.0	80.7	13.6	3.9	.9	.9	100.0	228
NARCOTIC ANALGESICS	77.7	22.0	.3	100.0	57.1	27.3	14.4	.6	.6	100.0	5,876
Heroin/Morphine 2	81.9	17.7	.4	100.0	52.2	29.9	16.6	.6	.7	100.0	3,805
d-Propoxyphene	56.2	43.8	-	100.0	87.9	9.2	1.5	.6	.9	100.0	338
Methadone	68.5	31.3	.2	100.0	52.3	28.7	17.7	.9	.4	100.0	457
Oxycodone	62.5	37.5	-	100.0	87.5	12.5	-	-	-	100.0	48
Codeine	76.6	23.2	.2	100.0	59.8	27.1	12.0	.7	.4	100.0	990
Meperidine HCl	61.8	38.2	-	100.0	78.2	18.2	3.6	-	-	100.0	55
Hydromorphone	85.7	14.3	-	100.0	95.2	4.8	-	-	-	100.0	21
Other/unspecified	66.0	34.0	-	100.0	82.7	11.1	3.7	1.9	.6	100.0	162
NON-NARCOTIC ANALGESICS	51.7	47.5	.8	100.0	78.8	13.9	5.0	1.5	.8	100.0	476
Aspirin	49.6	48.7	1.8	100.0	73.5	16.8	5.3	2.7	1.8	100.0	113
Acetaminophen	52.5	46.8	.7	100.0	80.7	12.3	5.0	1.3	.7	100.0	301
Pentazocine	..	..	..	..	..	..	..	..	..	..	-
Butalbital combinations	..	..	..	..	..	..	..	..	..	..	-
Other/unspecified	50.8	49.2	-	100.0	78.7	16.4	4.9	..	..	100.0	61
NON-BARBITURATE SEDATIVES	52.5	47.5	-	100.0	90.1	4.9	3.1	.6	1.2	100.0	162
Methaqualone	..	..	..	..	..	..	..	..	..	..	1
Flurazepam	42.2	57.8	-	100.0	93.3	4.4	..	..	2.2	100.0	45
O.T.C. sleep aids	..	..	..	..	..	..	..	..	..	..	1
Ethchlorvynol	77.8	22.2	-	100.0	100.0	-	-	-	-	100.0	9
Glutethimide	64.3	35.7	-	100.0	78.6	21.4	-	-	-	100.0	14
Chloral hydrate	..	..	..	..	..	..	..	..	..	..	4
Other/unspecified	51.1	48.9	-	100.0	89.8	3.4	4.5	1.1	1.1	100.0	88
ANTIDEPRESSANTS	52.8	46.6	.6	100.0	77.5	16.3	4.1	1.2	.8	100.0	1,419
Amitriptyline	52.7	46.8	.5	100.0	72.5	21.5	4.2	1.0	.7	100.0	404
Amitriptyline combinations	..	..	..	..	..	..	..	..	..	..	-
Doxepin	56.9	43.1	-	100.0	75.1	14.7	6.1	2.0	2.0	100.0	197
Fluoxetine	47.5	51.7	.8	100.0	90.7	5.1	3.4	-	.8	100.0	118
Imipramine	55.6	44.4	-	100.0	87.9	8.1	2.0	2.0	-	100.0	99
Desipramine	53.5	44.9	1.6	100.0	83.5	10.2	2.4	3.1	.8	100.0	127
Other/unspecified	51.7	47.5	.8	100.0	75.7	18.8	4.2	.6	.6	100.0	474
ANTI-PSYCHOTICS	52.2	46.9	1.0	100.0	66.7	19.3	9.7	2.9	1.4	100.0	207
Chlorpromazine	64.4	35.6	-	100.0	82.2	13.3	4.4	-	-	100.0	45
Thioridazine	45.7	54.3	-	100.0	64.3	20.0	12.9	1.4	1.4	100.0	70
Haloperidol	57.1	35.7	7.1	100.0	50.0	21.4	7.1	21.4	-	100.0	14
Trifluoperazine	50.0	50.0	-	100.0	75.0	-	-	25.0	-	100.0	4
Other/unspecified	50.0	48.6	1.4	100.0	62.2	23.0	10.8	1.4	2.7	100.0	74
BARBITURATE SEDATIVES	55.2	43.7	1.0	100.0	83.4	11.0	4.6	.5	.5	100.0	391
Phenobarbital	54.4	45.6	-	100.0	74.0	16.6	8.9	-	.6	100.0	169
Secobarbital/Amobarbital	..	..	..	..	..	..	..	..	..	..	-
Secobarbital	55.6	41.3	3.2	100.0	95.2	3.2	-	1.6	-	100.0	63
Pentobarbital	63.3	36.7	-	100.0	90.0	6.7	-	3.3	-	100.0	30
Other/unspecified	54.3	44.2	1.6	100.0	88.4	8.5	2.3	-	.8	100.0	129
AMPHETAMINES	79.0	20.0	.9	100.0	80.9	4.8	10.7	1.6	2.0	100.0	644
Amphetamine	76.8	22.4	.8	100.0	83.0	3.5	10.0	1.9	1.5	100.0	259
Methamphetamine/Speed	80.4	18.6	1.0	100.0	79.6	5.5	11.3	1.3	2.4	100.0	382
Other/unspecified	..	..	..	..	..	..	..	..	..	..	3
HALLUCINOGENS	87.1	12.9	-	100.0	38.1	35.7	23.8	1.0	1.4	100.0	210
PCP/PCP combinations	86.9	13.1	-	100.0	38.3	35.0	24.3	1.0	1.5	100.0	206
LSD	..	..	..	..	..	..	..	..	..	..	4
Other/unspecified	..	..	..	..	..	..	..	..	..	..	-
OTHER DRUGS	80.9	18.6	.5	100.0	55.0	29.0	14.5	.6	.9	100.0	3,444
Alcohol-in-combination	80.0	19.7	.2	100.0	40.1	45.0	13.6	.6	.8	100.0	3,910
Cocaine	88.6	11.4	-	100.0	61.9	23.9	12.0	1.1	1.1	100.0	457
Marijuana/Hashish	..	..	..	..	..	..	..	..	..	..	1
Codeine combinations	..	..	..	..	..	..	..	..	..	..	1
Diphenhydantoin sodium	71.3	28.7	-	100.0	64.3	29.6	5.2	..	.9	100.0	115
Diphenhydramine	56.4	43.1	.5	100.0	69.9	20.9	4.6	2.4	2.2	100.0	369
O.T.C. diet aids	..	..	..	..	..	..	..	..	..	..	-
Inhalants/Solvents/Aerosols	74.6	24.6	.7	100.0	69.6	15.2	10.9	2.9	1.4	100.0	138
Methylphenidate	..	..	..	..	..	..	..	..	..	..	1
All other drugs	62.3	37.0	.6	100.0	65.1	26.0	6.3	1.1	1.5	100.0	1,413
DRUG UNKNOWN 1	72.7	27.3	-	100.0	72.7	18.2	-	-	9.1	100.0	11
TOTAL DRUG MENTIONS	73.7	25.9	.4	100.0	59.3	27.5	11.5	.8	.9	100.0	20,375

1 Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

2 Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA 1

Table 2.13 - Percent distribution of drug mentions by age according to drug group: 1993

Drug groups: therapeutic class by drug category	Age (in years)									Number of mentions
	6-11	12-17	18-25	26-34	35-44	45-54	55+	Unknown	TOTAL	
TRANQUILIZERS	-	0.3	5.7	22.2	43.2	15.6	12.3	0.7	100.0	1,131
Diazepam	-	0.3	5.6	24.6	44.6	15.6	8.4	0.7	100.0	605
Alprazolam	-	.9	3.0	19.5	45.1	9.7	16.8	-	100.0	113
Chlordiazepoxide	-	-	2.3	13.6	48.9	22.7	12.5	-	100.0	88
Clorazepate	...	...	...	16.7	36.7	13.3	30.0	3.3	100.0	30
Lorazepam	-	-	-	22.7	36.4	18.2	16.7	1.5	100.0	66
Meprobamate	-	-	4.6	22.7	39.0	15.4	16.7	.9	100.0	228
Other/unspecified	-	-	7.5	20.6	-	-	-	-	100.0	-
NARCOTIC ANALGESICS	*	.4	7.1	26.8	46.3	13.4	5.5	.4	100.0	5,876
Heroin/Morphine 2	-	.3	7.7	28.2	47.4	15.5	3.4	.4	100.0	3,805
d-Propoxyphene	-	-	5.9	23.4	36.7	15.4	18.0	.6	100.0	338
Methadone	-	-	2.4	22.5	54.0	15.2	4.6	.2	100.0	457
Oxycodone	-	2.1	8.3	27.1	35.4	12.5	14.6	-	100.0	48
Codeine	.1	2.1	7.0	24.5	46.6	13.8	7.1	.2	100.0	990
Meperidine HCl	-	3.6	3.6	21.8	27.3	20.0	23.6	-	100.0	55
Hydromorphone	-	-	9.6	23.8	23.8	19.0	23.6	-	100.0	21
Other/unspecified	.6	1.2	10.5	29.0	31.5	17.3	9.9	-	100.0	162
NON-NARCOTIC ANALGESICS	-	1.3	7.1	22.1	35.7	17.2	16.2	.4	100.0	476
Aspirin	-	2.7	5.3	18.6	32.7	18.6	22.1	-	100.0	113
Acetaminophen	-	1.0	8.3	22.6	36.5	15.6	15.3	.7	100.0	301
Pentazocine	...	...	...	...	...	...	...	...	100.0	-
Butalbital combinations	...	...	...	...	...	...	...	...	100.0	-
Other/unspecified	-	-	4.9	26.2	36.1	23.0	9.8	-	100.0	61
NON-BARBITURATE SEDATIVES	-	-	4.9	16.0	32.1	17.3	29.6	-	100.0	162
Methaqualone	...	...	...	...	...	...	...	...	100.0	-
Flurazepam	...	...	6.7	8.9	17.8	24.4	42.2	-	100.0	45
O.T.C. sleep aids	...	...	...	...	...	...	...	...	100.0	-
Ethchlorvynol	...	...	...	44.4	44.4	11.1	-	-	100.0	9
Glutethimide	...	...	21.4	14.3	50.0	14.3	-	-	100.0	14
Chloral hydrate	...	...	...	...	...	...	...	...	100.0	-
Other/unspecified	...	...	2.3	15.9	34.1	15.9	31.8	-	100.0	88
ANTIDEPRESSANTS	.1	1.3	6.6	20.6	39.1	17.3	14.8	.1	100.0	1,419
Amitriptyline	-	.5	5.2	18.3	43.8	16.8	15.3	-	100.0	404
Amitriptyline combinations	...	...	...	...	...	...	...	...	100.0	-
Doxepin	.5	1.0	3.0	24.4	39.1	18.8	13.2	.5	100.0	197
Fluoxetine	...	...	8.5	17.8	26.4	23.7	19.6	-	100.0	118
Imipramine	-	3.0	9.1	23.3	26.3	17.1	20.2	-	100.0	99
Desipramine	.8	5.5	11.0	22.6	31.5	19.0	13.2	-	100.0	127
Other/unspecified	-	.8	6.1	19.2	40.5	17.3	15.8	.2	100.0	474
ANTIPSYCHOTICS	-	1.4	8.2	12.1	38.6	24.2	14.5	1.0	100.0	207
Chlorpromazine	-	2.2	4.4	4.4	42.2	28.9	17.8	-	100.0	45
Thioridazine	-	1.4	8.6	12.9	38.6	28.0	17.1	1.4	100.0	70
Haloperidol	-	-	28.6	28.6	14.3	28.0	-	-	100.0	14
Trifluoperazine	-	-	-	50.0	50.0	-	-	-	100.0	4
Other/unspecified	-	1.4	6.8	13.5	40.5	23.0	13.5	1.4	100.0	74
BARBITURATE SEDATIVES	.3	.8	5.4	17.1	37.3	16.4	22.3	.5	100.0	391
Phenobarbital	.6	.6	4.7	18.3	40.8	16.6	17.2	1.2	100.0	169
Secobarbital/Amobarbital	-	-	-	-	-	-	-	-	100.0	-
Secobarbital	-	-	4.8	7.9	27.0	14.3	46.0	-	100.0	63
Pentobarbital	-	3.3	10.0	6.7	26.7	16.7	36.7	-	100.0	30
Other/unspecified	-	.8	5.4	22.5	40.3	17.1	14.0	-	100.0	129
AMPHETAMINES	-	.8	14.8	34.5	34.9	11.0	3.7	.3	100.0	644
Amphetamine	-	.4	15.8	34.0	34.7	11.2	3.5	.4	100.0	259
Methamphetamine/Speed	-	1.0	14.1	34.8	34.8	11.0	3.9	.3	100.0	382
Other/unspecified	...	...	...	...	...	...	...	...	100.0	3
HALLUCINOGENS	-	1.4	24.8	39.5	28.6	4.8	1.0	-	100.0	210
PCP/PCP combinations	-	1.5	24.3	39.3	29.1	4.9	1.0	-	100.0	206
LSD	...	...	...	...	...	...	...	...	100.0	4
Other/unspecified	-	-	-	-	-	-	-	-	100.0	-
OTHER DRUGS	-	.5	8.7	29.4	42.6	12.3	6.0	.5	100.0	3,444
Alcohol-in-combination	-	.4	9.1	31.4	42.3	13.0	3.2	.6	100.0	3,910
Cocaine	-	5.7	26.7	35.4	23.4	6.3	2.4	-	100.0	457
Marijuana/Hashish	-	-	-	-	-	-	-	-	100.0	-
Cocaine combinations	-	.9	6.1	19.1	45.2	14.8	11.3	.9	100.0	115
Diphenhydantoin sodium	1.7	.8	10.3	16.3	36.0	19.8	16.0	.8	100.0	369
O.T.C. diet aids	-	-	-	-	-	-	-	-	100.0	-
Inhalants/Solvents/Aerosols	-	5.1	16.7	24.6	26.8	13.8	13.0	-	100.0	138
Methylphenidate	...	...	...	...	...	...	...	...	100.0	-
All other drugs	.1	.8	7.6	21.7	37.3	18.9	12.5	1.0	100.0	1,413
DRUG UNKNOWN 1	-	-	18.2	36.4	18.2	18.2	9.1	-	100.0	11
TOTAL DRUG MENTIONS	*	.7	8.6	26.9	41.6	14.0	7.6	.5	100.0	20,375

1 Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

2 Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA ¹

Table 2.14 - Percent distribution of drug mentions by cause of death according to drug group: 1993

Drug groups: therapeutic class by drug category	Cause of death							Number of mentions
	Direct - single drug	Direct - multiple drugs	Drug and physio- logical condition	Drug and external physical event	Drug and medical disorder	Unknown	TOTAL	
TRANQUILIZERS	1.1	71.7	7.5	15.7	2.0	1.9	100.0	1,131
Diazepam	.3	71.7	7.9	16.7	1.8	1.5	100.0	605
Alprazolam	1.8	79.6	3.5	11.5	1.8	1.8	100.0	113
Chlordiazepoxide	-	70.5	11.4	13.6	2.3	2.3	100.0	88
Clorazepate	-	-	-	-	-	-	-	-
Lorazepam	3.3	73.3	6.7	16.7	-	-	100.0	30
Meprobamate	1.5	81.8	9.1	9.1	-	1.5	100.0	66
Other/unspecified	3.1	64.9	7.5	18.0	3.5	3.1	100.0	228
NARCOTIC ANALGESICS	5.7	80.3	5.5	4.7	2.7	1.0	100.0	5,876
Heroin/Morphine ²	7.5	81.1	3.9	4.0	2.4	1.1	100.0	3,805
d-Propoxyphene	3.3	80.2	5.5	8.3	6.9	9	100.0	338
Methadone	4.8	67.7	12.7	7.2	6.8	9	100.0	457
Oxycodone	-	87.2	4.2	6.3	-	2.1	100.0	48
Codeine	2.2	86.9	6.8	4.1	1.9	9	100.0	990
Meperidine HCl	3.6	52.7	20.0	9.1	12.7	1.8	100.0	55
Hydromorphone	4.8	61.9	4.8	23.8	4.8	9	100.0	21
Other/unspecified	4.9	72.8	9.9	8.0	2.5	1.9	100.0	162
NON-NARCOTIC ANALGESICS	6.9	70.0	8.8	10.7	2.1	1.5	100.0	476
Aspirin	18.6	65.5	8.0	4.4	2.7	1.9	100.0	113
Acetaminophen	3.0	74.4	7.0	11.6	2.3	1.7	100.0	301
Pentazocine	-	-	-	-	-	-	-	-
Butalbital combinations	-	-	-	-	-	-	-	-
Other/unspecified	4.9	55.7	19.7	18.0	-	1.6	100.0	61
NON-BARBITURATE SEDATIVES	3.1	78.4	4.9	11.1	.6	1.9	100.0	162
Methaqualone	4.4	73.3	2.2	15.6	2.2	2.2	100.0	45
Flurazepam	-	-	-	-	-	-	-	-
O.T.C. sleep aids	11.1	55.6	22.2	11.1	-	-	100.0	9
Ethchlorvynol	-	100.0	-	-	-	-	100.0	14
Glutethimide	-	-	-	-	-	-	-	4
Chloral hydrate	-	-	-	-	-	-	-	-
Other/unspecified	2.3	80.7	5.7	10.2	-	1.1	100.0	88
ANTIDEPRESSANTS	5.0	78.4	7.0	6.3	1.9	1.3	100.0	1,419
Amitriptyline	3.2	79.0	9.7	4.5	2.7	1.0	100.0	404
Amitriptyline combinations	-	-	-	-	-	-	-	-
Doxepin	7.6	81.2	4.1	3.6	1.5	2.0	100.0	197
Fluoxetine	1.7	72.0	10.2	13.6	1.8	1.7	100.0	118
Imipramine	7.1	80.8	3.0	7.1	2.0	-	100.0	99
Desipramine	11.0	76.4	4.7	7.1	-	.8	100.0	127
Other/unspecified	4.2	78.3	6.8	7.0	2.1	1.7	100.0	474
ANTIPSYCHOTICS	2.9	72.5	15.5	5.3	1.4	2.4	100.0	207
Chlorpromazine	11.1	66.7	13.3	4.4	2.2	2.2	100.0	45
Thioridazine	1.4	72.9	17.1	5.7	1.4	1.4	100.0	70
Haloperidol	-	78.6	14.3	7.1	-	-	100.0	14
Trifluoperazine	-	100.0	-	-	-	-	100.0	4
Other/unspecified	-	73.0	16.2	5.4	1.4	4.1	100.0	74
BARBITURATE SEDATIVES	5.9	71.6	4.9	11.5	3.8	2.3	100.0	391
Phenobarbital	3.6	71.6	7.7	8.9	5.3	3.0	100.0	169
Secobarbital/Amobarbital	-	-	-	-	-	-	-	-
Secobarbital	20.6	68.3	3.2	7.9	-	-	100.0	63
Pentobarbital	10.0	63.9	-	16.7	6.7	3.3	100.0	30
Other/unspecified	.8	75.2	3.1	15.5	3.1	2.3	100.0	129
AMPHETAMINES	.9	46.9	14.4	32.8	1.9	3.1	100.0	644
Amphetamine	-	46.7	14.3	34.7	1.2	3.1	100.0	259
Methamphetamine/Speed	1.6	46.9	14.7	31.4	2.4	3.1	100.0	382
Other/unspecified	-	-	-	-	-	-	-	5
HALLUCINOGENS	2.9	52.4	6.2	35.2	1.9	1.4	100.0	210
PCP/PCP combinations	2.4	53.4	6.3	34.5	1.9	1.5	100.0	206
LSD	-	-	-	-	-	-	-	4
Other/unspecified	-	-	-	-	-	-	-	-
OTHER DRUGS	-	72.0	5.5	19.2	1.8	1.5	100.0	3,444
Alcohol-in-combination	-	-	-	-	-	-	-	-
Cocaine	5.9	60.7	9.8	18.4	4.0	1.1	100.0	3,910
Marijuana/Hashish	.2	30.2	10.5	56.2	.9	2.0	100.0	457
Codeine combinations	-	-	-	-	-	-	-	1
Diphenhydantoin sodium	1.7	47.8	13.9	25.2	7.8	3.5	100.0	115
Diphenhydramine	2.4	65.0	14.6	13.6	2.7	1.6	100.0	369
O.T.C. diet aids	-	-	-	-	-	-	-	-
Inhalants/Solvents/Aerosols	23.2	42.0	12.3	20.3	-	2.2	100.0	138
Methylphenidate	-	-	-	-	-	-	-	1
All other drugs	3.1	65.5	15.3	11.9	2.2	2.0	100.0	1,413
DRUG UNKNOWN ¹	-	54.5	-	18.2	18.2	9.1	100.0	11
TOTAL DRUG MENTIONS	4.0	69.8	8.1	14.1	2.6	1.4	100.0	20,375

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA 1

Table 2.15 - Percent distribution of drug mentions by manner of death according to drug group: 1993

Drug groups: therapeutic class by drug category	Manner of death				Number of mentions
	Accidental/ unexpected	Suicide	Other/unknown	TOTAL	
TRANQUILIZERS	47.0	30.2	22.8	100.0	1,131
Diazepam	52.1	26.4	21.5	100.0	605
Alprazolam	38.1	40.7	21.2	100.0	113
Chlordiazepoxide	42.0	23.9	34.1	100.0	88
Clorazepate					1
Lorazepam	46.7	50.0	3.3	100.0	30
Meprobamate	43.9	28.8	27.3	100.0	66
Other/unspecified	40.8	35.1	24.1	100.0	228
NARCOTIC ANALGESICS	68.1	9.2	22.7	100.0	5,876
Heroin/Morphine ²	73.3	4.5	22.3	100.0	3,805
d-Propoxyphene	38.2	39.6	22.2	100.0	338
Methadone	67.2	6.8	26.0	100.0	457
Oxycodone	35.4	39.6	25.0	100.0	48
Codeine	66.1	12.0	21.9	100.0	990
Nepiperidine HCl	36.4	25.5	38.2	100.0	55
Hydromorphone	33.3	52.4	14.3	100.0	21
Other/unspecified	50.6	25.3	24.1	100.0	162
NON-NARCOTIC ANALGESICS	25.8	48.5	25.6	100.0	476
Aspirin	21.2	54.9	23.9	100.0	113
Acetaminophen	25.6	47.5	26.9	100.0	301
Pentazocine					1
Butalbital combinations					1
Other/unspecified	34.4	42.6	23.0	100.0	61
NON-BARBITURATE SEDATIVES	30.2	54.9	14.8	100.0	162
Methaqualone					1
Flurazepam	26.7	60.0	13.3	100.0	45
O.T.C. sleep aids					1
Ethchlorvynol	33.3	44.4	22.2	100.0	9
Glutethimide	71.4	14.3	14.3	100.0	14
Chloral hydrate					4
Other/unspecified	25.0	59.1	15.9	100.0	88
ANTIDEPRESSANTS	27.6	50.7	21.7	100.0	1,419
Amitriptyline	33.4	42.8	23.8	100.0	404
Amitriptyline combinations					1
Doxepin	29.4	52.3	18.3	100.0	197
Fluoxetine	27.1	45.8	27.1	100.0	118
Imipramine	9.1	73.7	17.2	100.0	98
Desipramine	13.4	69.3	17.3	100.0	127
Other/unspecified	29.7	48.1	22.2	100.0	474
ANTIPSYCHOTICS	35.7	34.8	29.5	100.0	207
Chlorpromazine	33.3	35.6	31.1	100.0	45
Thioridazine	35.7	30.0	34.3	100.0	70
Haloperidol	57.1	35.7	7.1	100.0	14
Trifluoperazine	25.0	75.0	-	100.0	4
Other/unspecified	33.8	36.5	29.7	100.0	74
BARBITURATE SEDATIVES	34.0	47.6	18.4	100.0	391
Phenobarbital	42.6	39.1	18.3	100.0	169
Secobarbital/Amobarbital					1
Secobarbital	20.6	66.7	12.7	100.0	63
Pentobarbital	10.0	73.3	16.7	100.0	30
Other/unspecified	34.9	43.4	21.7	100.0	129
AMPHETAMINES	66.9	20.0	13.0	100.0	644
Amphetamine	66.8	22.0	11.2	100.0	259
Methamphetamine/Speed	66.8	18.8	14.4	100.0	382
Other/unspecified					3
HALLUCINOGENS	64.8	15.7	19.5	100.0	210
PCP/PCP combinations	64.6	16.0	19.4	100.0	206
LSD					4
Other/unspecified					-
OTHER DRUGS					
Alcohol-in-combination	62.2	16.9	20.9	100.0	3,444
Cocaine	68.6	9.8	21.5	100.0	3,910
Marijuana/Hashish	59.5	24.1	16.4	100.0	457
Codeine combinations					1
Diphenylhydantoin sodium	48.7	20.0	31.3	100.0	115
Diphenhydramine	35.5	40.1	24.4	100.0	369
O.T.C. diet aids					-
Inhalants/Solvents/Aerosols	44.2	39.1	16.7	100.0	138
Methylphenidate					1
All other drugs	33.1	28.5	38.4	100.0	1,413
DRUG UNKNOWN ¹	54.5	18.2	27.3	100.0	11
TOTAL DRUG MENTIONS	57.4	19.9	22.7	100.0	20,375

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA 1

Table 2.16 - Percent distribution of drug mentions by route of administration according to drug group: 1993

Drug groups: therapeutic class by drug category	Route of drug administration							TOTAL	Number of mentions
	Oral	Injection	Inhaled	Smoked 2	Sniffed	Other/ multiple	Unknown		
TRANQUILIZERS	32.9	1.9	-	-	0.2	2.2	62.9	100.0	1,131
Diazepam	34.9	2.0	-	-	-	2.0	61.2	100.0	1,605
Alprazolam	38.1	-	-	-	-	.9	61.1	100.0	113
Chlordiazepoxide	21.6	5.7	-	-	-	-	72.7	100.0	88
Clorazepate	-	-	-	-	-	-	-	-	1
Lorazepam	26.7	-	-	-	-	-	73.3	100.0	30
Meprobamate	38.4	-	-	-	-	7.6	56.1	100.0	66
Other/unspecified	29.4	1.8	-	-	.9	3.1	64.9	100.0	228
NARCOTIC ANALGESICS	9.4	25.6	.1	.4	.9	1.0	62.7	100.0	5,876
Heroin/Morphine 3	2.8	33.8	.1	.6	1.2	1.1	60.4	100.0	3,805
d-Propoxyphene	45.6	1.5	-	-	-	1.5	51.5	100.0	338
Methadone	16.0	5.5	-	-	.4	2.2	77.9	100.0	457
Oxycodone	41.7	-	-	-	-	2.1	56.3	100.0	48
Codeine	13.8	16.7	.1	-	.3	.8	68.3	100.0	990
Meperidine HCl	29.1	9.1	-	-	-	-	61.8	100.0	55
Hydromorphone	9.3	9.6	-	-	-	-	61.0	100.0	21
Other/unspecified	27.2	9.9	-	-	-	-	63.0	100.0	162
NON-NARCOTIC ANALGESICS	45.2	1.1	-	-	-	.6	53.2	100.0	476
Aspirin	39.8	1.8	-	-	-	-	58.4	100.0	113
Acetaminophen	46.5	1.0	-	-	-	1.0	51.5	100.0	301
Pentazocine	-	-	-	-	-	-	-	-	-
Butalbital combinations	-	-	-	-	-	-	-	-	-
Other/unspecified	47.5	-	-	-	-	-	52.5	100.0	61
NON-BARBITURATE SEDATIVES	44.4	1.9	-	-	-	.6	53.1	100.0	162
Methaqualone	46.7	-	-	-	-	2.2	51.1	100.0	45
Flurazepam	-	-	-	-	-	-	-	-	-
O.T.C. sleep aids	55.6	-	-	-	-	-	44.4	100.0	9
Ethchlorvynol	35.7	-	-	-	-	-	64.3	100.0	4
Glutethimide	-	-	-	-	-	-	-	-	-
Chloral hydrate	42.0	2.3	-	-	-	-	55.7	100.0	88
Other/unspecified	-	-	-	-	-	-	-	-	-
ANTIDEPRESSANTS	43.5	.6	-	.1	-	2.1	53.7	100.0	1,419
Amitriptyline	40.6	.7	-	-	-	.7	57.9	100.0	404
Amitriptyline combinations	50.8	1.0	-	-	-	3.0	45.2	100.0	197
Doxepin	50.0	.8	-	-	-	.8	48.3	100.0	118
Fluoxetine	54.5	-	-	-	-	-	45.5	100.0	99
Imipramine	32.8	-	-	-	-	1.6	45.7	100.0	127
Desipramine	36.3	.6	-	.2	-	3.8	58.9	100.0	474
Other/unspecified	-	-	-	-	-	-	-	-	-
ANTIPSYCHOTICS	31.4	.5	-	-	-	1.0	67.1	100.0	207
Chlorpromazine	48.9	-	-	-	-	2.2	48.9	100.0	45
Thioridazine	28.9	-	-	-	-	-	77.1	100.0	70
Haloperidol	28.6	-	-	-	-	-	71.4	100.0	14
Trifluoperazine	75.0	-	-	-	-	7.1	64.3	100.0	4
Other/unspecified	27.0	1.4	-	-	-	-	25.0	100.0	74
BARBITURATE SEDATIVES	40.7	2.6	-	-	-	1.5	55.2	100.0	391
Phenobarbital	35.5	4.1	-	-	-	2.4	58.0	100.0	169
Secobarbital/Amobarbital	60.3	-	-	-	-	-	39.7	100.0	63
Secobarbital	38.7	6.7	-	-	-	-	56.7	100.0	30
Pentobarbital	38.8	.8	-	-	-	1.6	58.9	100.0	129
Other/unspecified	-	-	-	-	-	-	-	-	-
AMPHETAMINES	3.7	12.0	.2	2.6	.9	.9	79.7	100.0	644
Amphetamine	4.2	9.3	-	3.1	.8	2.3	80.3	100.0	259
Methamphetamine/Speed	3.4	13.9	.3	2.4	1.0	-	79.1	100.0	382
Other/unspecified	-	-	-	-	-	-	-	-	3
HALLUCINOGENS	.5	1.0	-	1.4	-	1.9	95.2	100.0	210
PCP/PCP combinations	.5	1.0	-	1.5	-	1.5	95.6	100.0	206
LSD	-	-	-	-	-	-	-	-	4
Other/unspecified	-	-	-	-	-	-	-	-	-
OTHER DRUGS	100.0	-	-	-	-	-	-	100.0	3,444
Alcohol-in-combination	1.2	12.6	1.0	3.9	3.7	9.3	68.4	100.0	3,910
Cocaine	.7	-	1.1	18.6	-	.7	79.0	100.0	457
Marijuana/Hashish	-	-	-	-	-	-	-	-	1
Codeine combinations	29.6	.9	-	-	-	.9	68.7	100.0	115
Diphenhydantoin sodium	27.6	.8	-	-	-	.8	71.3	100.0	369
Diphenhydramine	-	-	-	-	-	-	-	-	-
O.T.C. diet aids	5.1	-	44.2	-	3.6	.7	46.4	100.0	138
Inhalants/Solvents/Aerosols	-	-	-	-	-	-	-	-	1
Methylphenidate	20.0	3.5	.4	.6	.1	.8	74.6	100.0	1,413
All other drugs	-	27.3	9.1	-	-	-	54.5	100.0	11
DRUG UNKNOWN 1	-	-	-	-	-	-	-	-	-
TOTAL DRUG MENTIONS	29.4	10.7	.6	1.4	1.0	2.5	54.3	100.0	20,375

1 Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

2 Includes freebase.

3 Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA ¹

Table 2.17 - Percent distribution of drug mentions by number of other drugs used in combination according to drug group: 1993

Drug groups: therapeutic class by drug category	Number of other drugs used in episode					Number of mentions
	None	One	Two	Three or more	TOTAL	
TRANQUILIZERS	2.9	15.6	26.4	55.0	100.0	1,131
Diazepam	1.8	16.0	28.8	53.4	100.0	605
Alprazolam	3.5	22.1	23.0	51.3	100.0	113
Chlordiazepoxide	2.3	8.0	35.2	54.5	100.0	88
Clorazepate .....	...	...	...	...	...	1
Lorazepam	3.3	23.3	6.7	66.7	100.0	30
Meprobamate	1.5	6.1	10.6	81.8	100.0	66
Other/unspecified	6.1	16.2	25.4	52.2	100.0	228
NARCOTIC ANALGESICS	9.0	31.1	31.2	28.7	100.0	5,876
Heroin/Morphine ²	11.1	36.6	31.0	21.3	100.0	3,805
d-Propoxyphene	7.4	17.8	26.6	48.2	100.0	338
Methadone	10.1	33.0	33.7	23.2	100.0	457
Oxycodone	-	8.3	18.8	72.9	100.0	48
Codeine	1.1	17.2	35.2	46.6	100.0	990
Meperidine HCl	21.8	18.2	18.2	41.8	100.0	55
Hydromorphone	4.8	47.6	28.6	19.0	100.0	21
Other/unspecified	6.8	17.9	24.1	51.2	100.0	162
NON-NARCOTIC ANALGESICS	10.3	19.5	21.6	48.5	100.0	476
Aspirin	20.4	31.0	15.9	32.7	100.0	113
Acetaminophen	5.0	15.0	23.9	56.1	100.0	301
Pentazocine .....	...	...	...	...	...	1
Butalbital combinations .....	...	...	...	...	...	1
Other/unspecified	18.0	19.7	21.3	41.0	100.0	61
NON-BARBITURATE SEDATIVES	6.8	16.0	20.4	56.8	100.0	162
Methaqualone .....	...	...	...	...	...	1
Flurazepam	8.9	26.7	20.0	44.4	100.0	45
O.T.C. sleep aids .....	...	...	...	...	...	1
Ethchlorvynol	11.1	11.1	11.1	66.7	100.0	9
Glutethimide	-	21.4	28.6	50.0	100.0	14
Chloral hydrate .....	...	...	...	...	...	4
Other/unspecified	6.8	10.2	20.5	62.5	100.0	88
ANTIDEPRESSANTS	7.7	18.9	25.2	48.2	100.0	1,419
Amitriptyline	3.7	18.1	24.8	53.5	100.0	404
Amitriptyline combinations .....	...	...	...	...	...	-
Doxepin	20.3	19.8	25.9	34.0	100.0	197
Fluoxetine	4.2	16.1	25.4	54.2	100.0	118
Imipramine	8.1	24.2	22.2	45.5	100.0	99
Desipramine	12.6	25.2	25.2	37.0	100.0	127
Other/unspecified	5.3	17.1	25.9	51.7	100.0	474
ANTI-PSYCHOTICS	5.3	17.4	20.3	57.0	100.0	207
Chlorpromazine	13.3	26.7	24.4	35.6	100.0	45
Thioridazine	4.3	12.9	21.4	61.4	100.0	70
Haloperidol	-	28.6	21.4	50.0	100.0	14
Trifluoperazine	-	25.0	25.0	50.0	100.0	4
Other/unspecified	2.7	13.5	16.2	67.6	100.0	74
BARBITURATE SEDATIVES	8.7	20.7	23.3	47.3	100.0	391
Phenobarbital	5.9	23.7	26.0	44.4	100.0	169
Secobarbital/Amobarbital	-	-	-	-	-	-
Secobarbital	22.2	25.4	20.6	31.7	100.0	63
Pentobarbital	23.3	26.7	16.7	33.3	100.0	30
Other/unspecified	2.3	13.2	22.5	62.0	100.0	129
AMPHETAMINES	6.5	40.1	24.7	28.7	100.0	644
Amphetamine	2.3	42.5	25.5	29.7	100.0	259
Methamphetamine/Speed	9.4	38.5	24.1	28.0	100.0	382
Other/unspecified .....	...	...	...	...	...	3
HALLUCINOGENS	14.3	31.4	25.7	28.6	100.0	210
PCP/PCP combinations	13.6	32.0	25.7	28.6	100.0	206
LSD .....	...	...	...	...	...	4
Other/unspecified	-	-	-	-	-	-
OTHER DRUGS	-	47.3	34.5	18.1	100.0	3,444
Alcohol-in-combination	23.4	35.3	24.4	17.0	100.0	3,910
Marijuana/Hashish	26.9	37.9	21.0	14.2	100.0	457
Codeine combinations .....	...	...	...	...	...	1
Diphenylhydantoin sodium	13.9	27.0	26.1	33.0	100.0	115
Diphenhydramine	6.5	16.3	25.7	51.5	100.0	369
O.T.C. diet aids	-	-	-	-	-	-
Inhalants/Solvents/Aerosols	29.7	29.7	23.9	16.7	100.0	138
Methylphenidate	6.6	25.3	25.3	43.8	100.0	1
All other drugs	6.6	18.3	25.3	49.8	100.0	1,413
DRUG UNKNOWN ¹	-	90.9	9.1	-	100.0	11
TOTAL DRUG MENTIONS	10.1	31.5	28.1	30.3	100.0	20,375

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA ¹

Table 2.18 - Mentions of top 15 drugs reported in combination: 1993
(Based on episodes involving two or more drugs)

	Cocaine	Heroin/Morphine ²	Alcohol-in-combination	Codeine	Diazepam	Marijuana/Hashish	Methadone	Amitriptyline	Methamphetamine/Speed	Diphenhydramine	Nortriptyline	D-Propoxyphene	Acetaminophen	Amphetamine
Heroin/Morphine ²	1,739													
Alcohol-in-combination	1,579	1,779												
Codeine	351	820	406											
Diazepam	163	242	198	101										
Marijuana/Hashish	125	101	176	9	31									
Methadone	186	154	123	30	63	8								
Amitriptyline	81	93	125	43	52	3	40							
Methamphetamine/Speed	76	87	102	40	23	7	6	7						
Diphenhydramine	98	123	128	62	43	13	14	28	4					
Nortriptyline	66	78	96	30	32	3	29	265	6	25				
D-Propoxyphene	54	70	79	40	76	4	14	31	9	34	17			
Acetaminophen	40	83	64	62	45	5	7	21	3	45	20	71		
Amphetamine	41	52	60	21	10	6	3	4	236	2	5	5	3	
PCP/PCP Combinations	87	75	83	25	9	4	5	3	10	5	4	4	4	8

¹ Excludes cases in which AIDS was reported.

² Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA

Table 2.19 - Two-way drug combinations mentioned most frequently in drug abuse deaths: 1993
(Based on episodes involving two or more drugs)

Frequency	Drug combination	Drug involvement key					
		Cocaine	Heroin/ morphine	Codeine	Diazepam	d-Propoxy- phene	Amitrip- tyline
1,779	Alc.-in-comb. - Heroin/morphine		x				
1,739	Cocaine - Heroin/morphine	x	x				
1,579	Alc.-in-comb. - Cocaine	x					
820	Codeine - Heroin/morphine		x	x			
406	Alc.-in-comb. - Codeine			x			
351	Cocaine - Codeine	x		x			
265	Amitriptyline - Nortriptyline						x
242	Diazepam - Heroin/morphine		x		x		
236	Amphetamine - Methamphet./speed						
198	Alc.-in-comb. - Diazepam				x		
186	Cocaine - Methadone	x					
176	Alc.-in-comb. - Marijuana/hashish						
166	Heroin/morphine - Quinine		x				
163	Cocaine - Diazepam	x			x		
154	Heroin/morphine - Methadone		x				
128	Alc.-in-comb. - Diphenhydramine						
125	Cocaine - Marijuana/hashish	x					
125	Alc.-in-comb. - Amitriptyline						x
123	Diphenhydramine - Heroin/morphine		x				
123	Alc.-in-comb. - Methadone						
112	Cocaine - Quinine	x					
102	Alc.-in-comb. - Methamphet./speed						
101	Heroin/morphine - Marijuana/hashish		x				
101	Codeine - Diazepam			x	x		
98	Cocaine - Lidocaine	x					
98	Cocaine - Diphenhydramine	x					
96	Alc.-in-comb. - Nortriptyline						
93	Amitriptyline - Heroin/morphine		x				x
87	Cocaine - PCP/PCP Combinations	x					
87	Heroin/morphine - Methamphet./speed		x				
83	Heroin/morphine - Lidocaine		x				
83	Acetaminophen - Heroin/morphine		x				
83	Alc.-in-comb. - PCP/PCP Combinations						
81	Amitriptyline - Cocaine	x					x
79	Alc.-in-comb. - d-Propoxyphene					x	
78	Heroin/morphine - Nortriptyline		x				
76	Cocaine - Methamphet./speed	x					
76	d-Propoxyphene - Diazepam				x	x	
75	Heroin/morphine - PCP/PCP Combinations		x				
73	Alc.-in-comb. - Quinine						
71	Acetaminophen - d-Propoxyphene					x	
70	d-Propoxyphene - Heroin/morphine		x			x	
68	Alc.-in-comb. - Doxepin						
67	Desipramine - Imipramine						
66	Cocaine - Nortriptyline	x					
64	Acetaminophen - Alc.-in-comb.						
63	Diazepam - Methadone				x		
62	Acetaminophen - Codeine			x			
62	Codeine - Diphenhydramine			x			
60	Alc.-in-comb. - Amphetamine						
59	Heroin/morphine - Phenobarbital		x				
56	Heroin/morphine - Unspec Benzodiazepine		x				
54	Cocaine - d-Propoxyphene	x				x	
54	Alc.-in-comb. - Unspec Benzodiazepine						
52	Amphetamine - Heroin/morphine		x				
52	Amitriptyline - Diazepam				x		x
51	Alc.-in-comb. - Phenobarbital						
48	Alc.-in-comb. - Lidocaine						
45	Acetaminophen - Diphenhydramine						
45	Acetaminophen - Diazepam				x		
43	Diazepam - Diphenhydramine				x		
43	Amitriptyline - Codeine			x			x
42	Carisoprodol - Meprobamate						
41	Amphetamine - Cocaine	x					
41	Chlordiazepoxide - Diazepam				x		
40	Acetaminophen - Cocaine	x					
40	Amitriptyline - Methadone						x
40	Mesoridazine - Thioridazine						
40	Codeine - Methamphet./speed			x			

See footnotes at end of table.

MEDICAL EXAMINER DATA

Table 2.19 - Two-way drug combinations mentioned most frequently in drug abuse deaths: 1993
(Based on episodes involving two or more drugs)

Frequency	Drug combination	Drug involvement key					
		Cocaine	Heroin/ morphine	Codeine	Diazepam	d-Propoxy- phene	Amitrip- tyline
40	Codeine - d-Propoxyphene			x		x	
40	Alc.-in-comb. - Chlordiazepoxide						
40	Alc.-in-comb. - Fluoxetine						
39	Cocaine - Phenobarbital	x					
39	Doxepin - Heroin/morphine		x				
39	Cocaine - Unspec Benzodiazepine	x					
38	Hydantoin - Phenobarbital						
36	Diazepam - Unspec Benzodiazepine				x		
36	Alc.-in-comb. - Desipramine						
34	Cocaine - Doxepin	x					
34	d-Propoxyphene - Diphenhydramine					x	
33	Alc.-in-comb. - Alprazolam						
32	Chlordiazepoxide - Heroin/morphine		x				
32	Diazepam - Nortriptyline				x		
32	Diazepam - Temazepam				x		
31	Diazepam - Marijuana/hashish				x		
31	Amitriptyline - d-Propoxyphene					x	x
31	Diazepam - Oxazepam				x		
31	Alprazolam - Heroin/morphine		x				
31	Alc.-in-comb. - Imipramine						
30	Codeine - Methadone			x			
30	Codeine - Nortriptyline			x			
30	Codeine - Quinine			x			
29	Butalbital - Heroin/morphine		x				
29	Methadone - Nortriptyline						
29	Acetaminophen - Hydrocodone						
29	Butalbital - Codeine			x			
28	Amitriptyline - Diphenhydramine						x
27	Cocaine - Hydantoin	x					
27	Heroin/morphine - Hydrocodone		x				
27	Alprazolam - d-Propoxyphene					x	
26	Heroin/morphine - Hydantoin		x				
26	Diazepam - Hydrocodone				x		
26	Codeine - Phenobarbital			x			
25	Diphenhydramine - Nortriptyline						
25	Codeine - PCP/PCP Combinations			x			
25	Oxazepam - Temazepam						
23	Diazepam - Methamphet./speed				x		
23	Alc.-in-comb. - Secobarbital						
22	Alc.-in-comb. - Hydantoin						
21	Chlorpheniramine - Cocaine	x					
21	Dextromethorphan - Heroin/morphine		x				
21	Acetaminophen - Amitriptyline						x
21	Amphetamine - Codeine			x			
21	Codeine - Hydrocodone			x			
21	Acetaminophen - Oxycodone						
21	Alc.-in-comb. - Butalbital						
20	Aspirin - Heroin/morphine		x				
20	Heroin/morphine - Meprobamate		x				
20	Acetaminophen - Nortriptyline						
20	Alc.-in-comb. - Aspirin						
20	Alc.-in-comb. - Thioridazine						
20	Alc.-in-comb. - Doxylamine Succinate						

NOTE: Drug abuse episodes involving more than two mentions contribute multiple pairs to the data in this table. Three-drug episodes generate three paired entries; four-drug episodes, six entries. For example, an episode in which cocaine, heroin and alcohol are mentioned results in three entries: alcohol-cocaine, alcohol-heroin and cocaine-heroin. Within pairs, drugs are listed alphabetically.

Mentions of heroine/morphine include opiates not specified as to type.

Excludes cases in which AIDS was reported.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (June 1994 data file).

3. DRUG ABUSE DEATHS AND DRUG MENTIONS IN 1993 ACCORDING TO METROPOLITAN AREA

This chapter presents data on drug abuse deaths and drug mentions that occurred in 1993 in the 43 metropolitan areas covered by the Drug Abuse Warning Network (DAWN). Comparisons of DAWN drug abuse deaths across metropolitan areas should be made with caution, since ME cases vary by area and reporting practices are not consistent. Within each area, numbers of deaths and drug mentions are shown according to patient demographic characteristics. There were no drug abuse deaths reported for Casper, WY; for this reason there is no separate presentation of data from the Casper area in this chapter.

The metropolitan areas with the greatest numbers of drug abuse deaths in 1993 were New York (1,468), Los Angeles (1,083), Philadelphia (759), Chicago (570), Baltimore (407), and Dallas (405).

Cocaine, the drug mentioned most frequently in drug abuse deaths in the overall data, was the top-ranking drug in Atlanta, Birmingham, Detroit, Las Vegas, Miami, New Orleans, New York, Newark, Philadelphia, and San Antonio. Cocaine ranked second in Baltimore, Chicago, Dallas, Indianapolis, Kansas City, Los Angeles, Norfolk, Oklahoma City, St. Louis, San Francisco, and Wilmington; it was tied for second in Minneapolis. In the overall data, cocaine was reported in 46 percent of ME cases. Among the 43 metropolitan areas, the proportion of drug abuse deaths involving cocaine was 83 percent in Miami, 71 percent in Birmingham, 67 percent in Newark, 61 percent in Baltimore and in San Antonio, and 60 percent in New Orleans.

Heroin/morphine, the second-ranked drug in ME cases in 1993, was the top-ranking drug in Baltimore, Boise, Boston, Chicago, Los Angeles, Norfolk, Portland, Providence, San Diego, San Francisco, and Seattle; it was tied for first in Nashua. Heroin/morphine ranked second in Buffalo, Cleveland, Denver, New York, Newark, Philadelphia, Phoenix, Salt Lake City, and Washington, DC; it also tied for second in Minneapolis. Overall, heroin/morphine was reported in 45 percent of ME cases in 1993. Heroin/morphine was reported in 74 percent of drug abuse deaths in Baltimore, 65 percent in Seattle, and 62 percent in Newark.

Alcohol-in-combination was mentioned in 40 percent of ME cases overall in 1993 and was the third-ranked drug. It ranked first in Anchorage, Buffalo, Cleveland, Dallas, Denver, Indianapolis, Kansas City, Louisville, Milwaukee, Minneapolis, Oklahoma City, Omaha, Phoenix, St. Louis, Salt Lake City, Washington, and Wilmington; it tied for first in Nashua. Alcohol-in-combination ranked second in Atlanta, Birmingham, Boise, Boston, Detroit, Las Vegas, Miami, New Orleans, Portland, Providence, San Antonio, and Seattle. Alcohol-in-combination was reported in connection with 70 percent of ME cases in Buffalo, 58 percent in San Antonio, 51 percent in Indianapolis, and 48 percent both in Cleveland and in Chicago.

Codeine was the fourth-ranked drug overall and was mentioned in connection with 12 percent of ME cases in 1993. Among the 43 metropolitan areas from which DAWN collects ME data, codeine was reported in 49 percent of drug abuse deaths in San Diego, 29 percent in Chicago, 27 percent in Portland, 24 percent in Providence, and 21 percent in Boston.

MEDICAL EXAMINER DATA 1

Table 3.01 - Number of medical examiner drug mentions by selected drug category according to age, race/ethnicity, and sex: 1993

ALL DAWN ME JURISDICTIONS 1

Drug category	TOTAL 2	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other 3	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Acetaminophen	301	2	1	54	38	102	101	128	113	20	17	10	9
Alcohol-in-comb.	3,444	15	1	1,076	232	1,682	405	1,511	375	787	210	472	45
Alprazolam	113	-	1	23	8	32	49	48	57	6	1	1	-
Amitriptyline	404	1	1	55	40	157	148	163	129	41	46	8	14
Amitriptyline comb.	-	-	-	-	-	-	-	-	-	-	-	-	-
Amphetamine	259	1	-	96	31	102	26	161	53	7	2	28	2
Aspirin	113	1	2	18	8	37	45	36	45	11	8	9	1
Butalbital combinations	1	-	-	-	-	1	-	1	-	-	-	-	-
Chloral hydrate	4	-	-	1	-	2	1	3	-	-	-	-	1
Chlordiazepoxide	88	-	-	7	7	54	20	44	23	10	4	5	-
Chlorpromazine	45	1	-	2	2	26	14	23	14	4	2	2	-
Clorazepate	1	-	-	-	-	-	1	-	1	-	-	-	-
Cocaine	3,910	16	1	1,222	356	1,872	410	1,280	283	1,344	411	485	71
Codeine	990	5	3	238	74	514	152	450	141	196	72	110	16
Codeine combinations ...	1	-	-	1	-	-	-	1	-	-	-	-	-
d-Propoxyphene	338	-	-	57	42	132	105	166	131	18	13	5	2
Desipramine	127	5	2	26	16	37	39	58	46	7	6	3	4
Diazepam	605	2	-	137	46	287	128	352	150	48	19	20	5
Diphenhydramine	369	1	2	58	40	147	117	148	109	45	32	14	15
Diphenylhydantoin sodium	115	2	1	21	8	59	23	50	24	26	8	6	-
Doxepin	197	1	2	33	26	77	57	81	67	16	13	13	4
Ethchlorvynol	9	-	-	3	1	4	1	7	2	-	-	-	-
Fluoxetine	118	-	-	13	18	43	43	49	57	3	3	3	1
Flurazepam	45	-	-	5	2	14	24	18	24	1	1	-	-
Glutethimide	14	-	-	4	1	5	4	7	4	2	1	-	-
Haloperidol	14	-	-	6	1	2	4	5	1	2	1	1	3
Heroin/Morphine 4	3,805	10	2	1,087	277	2,006	391	1,622	355	897	240	581	73
Hydromorphone	21	-	-	6	1	12	2	18	2	-	1	-	-
Imipramine	99	2	1	22	16	31	27	49	38	5	3	1	3
Inhalants/Solv./Aerosols	138	5	2	43	13	55	19	70	25	14	7	17	2
Lorazepam	30	-	-	2	3	14	10	15	10	-	1	2	2
LSD	4	-	-	4	-	-	-	1	-	3	-	-	-
Marijuana/Hashish	457	23	3	255	29	127	20	253	30	94	15	56	7
Meperidine HCl	55	1	1	10	4	23	16	27	16	6	4	1	1
Meprobamate	66	-	-	14	4	27	20	34	21	4	2	3	1
Methadone	457	-	-	72	42	240	101	170	68	76	55	66	20
Methamphetamine/Speed ..	332	4	-	148	37	155	33	240	62	18	2	43	4
Methaqualone	1	-	-	1	-	-	-	1	-	-	-	-	-
Methylphenidate	1	-	-	1	-	-	-	-	1	-	-	-	-
O.T.C. diet aids	-	-	-	-	-	-	-	-	-	-	-	-	-
O.T.C. sleep aids	1	-	-	-	-	1	-	1	-	-	-	-	-
Oxycodone	48	-	1	14	3	16	14	24	18	6	-	-	-
PCP/PCP combinations ...	206	3	-	114	17	62	10	67	12	62	10	48	4
Pentazocine	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentobarbital	30	-	1	4	1	15	9	17	10	1	1	1	-
Phenobarbital	169	1	1	21	18	70	56	67	58	17	11	8	7
Secobarbital	63	-	-	7	1	28	25	33	25	1	1	1	-
Secobarbital/Amobarbital	-	-	-	-	-	-	-	-	-	-	-	-	-
Thioridazine	70	1	-	7	8	24	29	18	27	8	6	6	4
Trifluoperazine	4	-	-	-	-	2	2	1	2	-	-	1	-
All other drugs	2,632	13	10	471	274	1,071	761	1,066	805	387	161	102	71
Drug unknown 1	11	-	-	4	2	4	1	5	3	2	-	-	-
Total drug mentions	20,375	116	39	5,462	1,748	9,371	3,463	8,589	3,437	4,195	1,390	2,132	392
Total drug abuse deaths	8,541	72	25	2,387	718	3,927	1,332	3,499	1,287	1,904	613	966	162

1 Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

2 Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

3 Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

4 Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA ¹

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1993

Drug category	TOTAL ²	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other ³	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
ANCHORAGE, AK													
Alcohol-in-comb.	5	1	-	3	-	1	-	4	-	-	-	1	-
Amitriptyline	2	-	-	-	-	2	-	1	-	-	-	1	-
Cocaine	1	-	-	1	-	-	-	-	-	1	-	-	-
Codeine	-	-	-	-	-	-	-	-	-	-	-	-	-
d-Propoxyphene	-	-	-	-	-	-	-	-	-	-	-	-	-
Diazepam	1	-	-	1	-	-	-	1	-	-	-	-	-
Diphenhydramine	-	-	-	-	-	-	-	-	-	-	-	-	-
Heroin/Morphine ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-
Marijuana/Hashish	4	1	-	2	1	-	-	3	1	-	-	-	-
Methodone	-	-	-	-	-	-	-	-	-	-	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	5	-	1	2	1	1	-	2	2	-	-	1	-
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	18	2	1	9	2	4	-	11	3	1	-	3	-
Total drug abuse deaths	11	1	1	5	1	3	-	6	2	1	-	2	-
ATLANTA, GA													
Alcohol-in-comb.	74	-	-	23	8	29	13	25	18	27	3	-	-
Amitriptyline	3	-	-	2	1	-	-	1	1	1	-	-	-
Cocaine	97	1	-	28	6	46	13	20	8	54	12	1	-
Codeine	8	-	-	1	1	3	2	2	3	2	1	-	-
d-Propoxyphene	5	-	-	-	-	2	3	2	2	-	1	-	-
Diazepam	7	-	-	1	1	5	-	6	1	-	-	-	-
Diphenhydramine	10	-	-	2	1	2	5	2	5	2	1	-	-
Heroin/Morphine ⁴	37	-	-	4	2	25	4	16	5	13	2	-	-
Marijuana/Hashish	34	1	-	22	3	6	2	19	5	10	-	-	-
Methodone	4	-	-	-	-	3	1	3	1	-	-	-	-
Methamphetamine/Speed ..	1	-	-	-	-	1	-	-	-	1	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	96	1	-	21	10	45	16	39	21	29	7	-	-
Drug unknown ¹	1	-	-	1	-	-	-	-	-	1	-	-	-
Total drug mentions	377	3	-	105	33	167	59	135	70	140	27	1	-
Total drug abuse deaths	181	3	-	54	14	77	29	63	28	71	16	1	-
BALTIMORE, MD													
Alcohol-in-comb.	182	-	-	55	11	100	15	59	10	97	15	-	1
Amitriptyline	21	-	-	2	5	11	3	3	4	9	4	1	-
Cocaine	248	2	-	81	21	119	20	58	7	148	32	1	1
Codeine	39	1	-	10	3	22	3	11	2	21	4	1	-
d-Propoxyphene	13	-	-	5	4	2	2	5	6	2	-	-	-
Diazepam	12	-	-	4	1	7	-	8	1	3	-	-	-
Diphenhydramine	19	-	-	5	3	9	2	7	2	6	3	1	-
Heroin/Morphine ⁴	300	2	-	86	23	157	27	75	13	174	36	1	1
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methodone	13	-	-	2	2	7	2	4	2	5	2	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	31	-	-	24	1	6	-	25	-	5	1	-	-
All other drugs	389	7	-	106	36	189	46	119	48	187	33	1	-
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	1,267	12	-	380	110	629	120	374	95	657	130	6	3
Total drug abuse deaths	407	4	-	129	35	195	39	126	28	206	44	1	1

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

³ Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

⁴ Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA 1

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1993

Drug category	TOTAL 2	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other 3	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
BIRMINGHAM, AL													
Alcohol-in-comb.	23	-	-	6	3	11	3	9	2	8	4	-	-
Amitriptyline	8	-	-	1	1	2	4	-	2	3	3	-	-
Cocaine	44	-	-	13	6	20	5	10	4	23	7	-	-
Codeine	1	-	-	-	1	-	-	-	-	-	1	-	-
d-Propoxyphene	6	-	-	-	-	3	3	2	2	1	1	-	-
Diazepam	4	-	-	-	-	2	2	2	2	-	-	-	-
Diphenhydramine	5	-	-	-	2	2	1	2	2	-	1	-	-
Heroin/Morphine 4	1	-	-	-	-	1	-	1	-	-	-	-	-
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methadone	5	-	-	2	-	2	1	3	1	1	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	55	-	1	6	10	14	24	16	24	4	11	-	-
Drug unknown 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	152	-	1	28	23	57	43	45	39	40	28	-	-
Total drug abuse deaths	62	-	1	14	8	24	15	15	12	23	12	-	-
BOISE, ID													
Alcohol-in-comb.	2	-	-	1	-	-	1	1	1	-	-	-	-
Amitriptyline	-	-	-	-	-	-	-	-	-	-	-	-	-
Cocaine	1	-	-	-	-	1	-	1	-	-	-	-	-
Codeine	-	-	-	-	-	-	-	-	-	-	-	-	-
d-Propoxyphene	-	-	-	-	-	-	-	-	-	-	-	-	-
Diazepam	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphenhydramine	-	-	-	-	-	-	-	-	-	-	-	-	-
Heroin/Morphine 4	3	-	-	-	-	2	1	2	1	-	-	-	-
Marijuana/Hashish	1	-	-	1	-	-	-	1	-	-	-	-	-
Methadone	-	-	-	-	-	-	-	-	-	-	-	-	-
Methamphetamine/Speed ..	1	-	-	-	-	1	-	1	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	10	-	-	1	1	2	6	3	7	-	-	-	-
Drug unknown 1	1	-	-	1	-	-	-	1	-	-	-	-	-
Total drug mentions	19	-	-	4	1	6	8	10	9	-	-	-	-
Total drug abuse deaths	9	-	-	3	1	3	2	6	3	-	-	-	-
BOSTON, MA													
Alcohol-in-comb.	157	2	-	52	18	66	17	100	34	13	-	7	-
Amitriptyline	26	-	-	2	4	9	11	11	15	-	-	-	-
Cocaine	125	1	-	47	21	49	6	75	20	5	4	1	-
Codeine	72	-	-	17	8	35	12	48	17	2	2	1	-
d-Propoxyphene	20	-	-	6	5	3	6	9	11	-	-	-	-
Diazepam	19	-	-	5	2	6	6	10	8	-	-	-	-
Diphenhydramine	14	-	-	1	2	2	9	3	11	-	-	-	-
Heroin/Morphine 4	175	2	-	58	20	81	13	121	28	12	4	7	1
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methadone	4	-	-	1	-	3	-	3	-	1	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	215	2	-	24	31	69	88	90	119	4	-	1	-
Drug unknown 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	827	7	-	213	111	323	168	470	263	51	11	21	3
Total drug abuse deaths	346	5	-	92	44	138	64	204	101	22	5	8	1

1 Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

2 Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

3 Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

4 Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA ¹

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1993

Drug category	TOTAL ²	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other ³	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
BUFFALO, NY													
Alcohol-in-comb.	7	-	-	3	1	3	-	4	-	2	1	-	-
Amitriptyline	-	-	-	-	-	-	-	-	-	-	-	-	-
Cocaine	4	-	-	2	1	1	-	2	-	1	1	-	-
Codeine	3	-	-	2	-	1	-	3	-	-	-	-	-
d-Propoxyphene	-	-	-	-	-	-	-	-	-	-	-	-	-
Diazepam	1	-	-	1	-	-	-	1	-	-	-	-	-
Diphenhydramine	-	-	-	-	-	-	-	-	-	-	-	-	-
Heroin/Morphine ⁴	5	-	-	2	-	2	1	3	1	1	-	-	-
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methadone	-	-	-	-	-	-	-	-	-	-	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	12	-	-	3	1	6	2	6	2	3	1	-	-
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	32	-	-	13	3	13	3	19	3	7	3	-	-
Total drug abuse deaths	10	-	-	4	1	4	1	5	1	3	1	-	-
CHICAGO, IL													
Alcohol-in-comb.	273	1	-	92	29	121	29	91	20	109	37	14	1
Amitriptyline	25	-	-	1	4	7	13	6	9	2	8	-	-
Cocaine	292	-	-	85	38	129	39	86	21	118	55	10	1
Codeine	163	1	-	42	13	84	23	59	12	65	24	3	-
d-Propoxyphene	11	-	-	1	3	5	2	5	5	1	-	-	-
Diazepam	22	-	-	5	-	13	4	17	4	1	-	-	-
Diphenhydramine	15	-	-	1	4	8	2	4	2	5	3	-	1
Heroin/Morphine ⁴	333	1	-	97	28	170	37	112	18	147	45	9	2
Marijuana/Hashish	1	-	-	1	-	-	-	1	-	-	-	-	-
Methadone	7	-	-	2	2	2	1	3	2	1	-	-	1
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	7	-	-	2	-	3	2	4	2	-	-	1	-
All other drugs	181	-	1	29	18	68	62	82	59	12	20	3	2
Drug unknown ¹	1	-	-	-	1	-	-	-	1	-	-	-	-
Total drug mentions	1,331	3	1	358	140	610	214	470	155	461	192	40	8
Total drug abuse deaths	570	1	1	162	63	256	83	199	63	202	81	18	3
CLEVELAND, OH													
Alcohol-in-comb.	46	-	-	6	2	30	8	18	7	18	3	-	-
Amitriptyline	5	-	-	-	-	3	2	2	2	1	-	-	-
Cocaine	31	-	-	5	2	19	5	6	1	18	6	-	-
Codeine	2	-	-	-	-	1	-	1	-	-	-	-	-
d-Propoxyphene	14	-	-	3	-	7	4	8	3	2	1	-	-
Diazepam	20	-	-	2	-	13	5	9	3	6	2	-	-
Diphenhydramine	3	-	-	-	-	2	1	2	-	-	1	-	-
Heroin/Morphine ⁴	37	-	-	6	2	24	4	19	4	11	2	-	-
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methadone	1	-	-	-	-	1	-	1	-	-	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	1	-	-	1	-	-	-	-	-	1	-	-	-
All other drugs	47	-	2	5	2	17	21	18	19	4	6	-	-
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	207	-	2	28	8	117	50	84	39	61	21	-	-
Total drug abuse deaths	95	-	2	14	4	51	23	35	20	30	9	-	-

NOTE: Casper, WY, is not shown in this table because there were no drug-related deaths reported by Casper in 1993.

- ¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.
- ² Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.
- ³ Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.
- ⁴ Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA 1

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1993

Drug category	TOTAL 2	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other 3	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
DALLAS, TX													
Alcohol-in-comb.	170	2	-	56	11	72	29	93	29	22	8	15	3
Amitriptyline	32	-	-	3	3	14	12	15	13	1	1	1	1
Cocaine	133	3	-	46	12	60	12	49	9	46	15	14	-
Codeine	30	-	-	8	-	14	8	14	4	7	4	1	-
d-Propoxyphene	23	-	-	5	2	5	11	10	13	-	-	-	-
Diazepam	60	2	-	12	7	27	12	34	15	5	4	2	-
Diphenhydramine	77	-	-	11	5	35	26	30	22	13	8	3	1
Heroin/Morphine 4	63	-	-	15	3	29	16	30	14	12	5	2	-
Marijuana/Hashish	91	8	-	42	9	25	7	48	9	17	6	10	1
Methadone	2	-	-	-	-	1	1	-	1	-	-	1	-
Methamphetamine/Speed ..	6	-	-	2	2	1	1	3	3	-	-	-	-
PCP/PCP combinations ...	2	-	-	2	-	-	-	-	-	2	-	-	-
All other drugs	356	5	-	71	27	131	122	166	127	22	20	19	2
Drug unknown 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	1,045	20	-	273	81	414	257	492	259	147	71	68	8
Total drug abuse deaths	405	11	-	114	31	162	87	188	87	68	28	31	3
DENVER, CO													
Alcohol-in-comb.	22	-	-	9	1	7	5	6	4	2	-	8	2
Amitriptyline	3	-	-	-	-	-	3	-	1	-	1	-	1
Cocaine	16	-	-	6	-	8	2	7	1	3	1	4	-
Codeine	-	-	-	-	-	-	-	-	-	-	-	-	-
d-Propoxyphene	3	-	-	1	-	-	2	-	2	-	-	1	-
Diazepam	3	-	-	1	-	1	1	1	1	-	-	1	-
Diphenhydramine	1	-	-	-	-	1	-	1	-	-	-	-	-
Heroin/Morphine 4	17	-	-	6	1	10	-	8	1	1	-	7	-
Marijuana/Hashish	4	-	-	3	-	1	-	4	-	-	-	-	-
Methadone	5	-	-	3	-	1	1	3	1	-	-	1	-
Methamphetamine/Speed ..	2	-	-	-	-	1	-	1	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	25	-	-	5	3	3	13	7	14	-	1	1	1
Drug unknown 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	101	-	-	34	5	33	27	38	25	6	3	23	4
Total drug abuse deaths	53	-	-	18	3	17	14	19	14	4	1	12	2
DETROIT, MI													
Alcohol-in-comb.	125	-	-	37	10	60	17	58	15	39	12	1	-
Amitriptyline	14	-	-	1	-	6	7	5	3	2	4	-	-
Cocaine	131	-	-	32	16	59	24	39	11	51	29	1	-
Codeine	30	-	-	4	11	12	3	12	8	4	6	-	-
d-Propoxyphene	20	-	-	2	5	6	7	7	8	1	4	-	-
Diazepam	26	-	-	5	3	11	7	14	8	2	2	-	-
Diphenhydramine	18	-	-	3	2	5	8	5	6	3	4	-	-
Heroin/Morphine 4	109	-	-	20	14	58	15	42	18	36	11	1	-
Marijuana/Hashish	43	1	1	25	4	9	3	30	7	5	1	-	-
Methadone	28	-	-	4	3	12	9	11	3	5	9	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	194	2	-	23	32	71	66	66	69	30	29	-	-
Drug unknown 1	1	-	-	-	-	1	-	1	-	-	-	-	-
Total drug mentions	739	3	1	156	100	310	166	290	156	178	111	3	-
Total drug abuse deaths	296	2	1	67	34	125	65	115	59	78	41	2	-

1 Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

2 Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

3 Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

4 Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA ¹

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1993

Drug category	TOTAL ²	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other ³	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
FARGO, ND/MN													
Alcohol-in-comb.	-	-	-	-	-	-	-	-	-	-	-	-	-
Amitriptyline	1	-	-	-	1	-	-	-	1	-	-	-	-
Cocaine	-	-	-	-	-	-	-	-	-	-	-	-	-
Codeine	-	-	-	-	-	-	-	-	-	-	-	-	-
d-Propoxyphene	-	-	-	-	-	-	-	-	-	-	-	-	-
Diazepam	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphenhydramine	-	-	-	-	-	-	-	-	-	-	-	-	-
Heroin/Morphine ⁴	1	-	-	-	-	1	-	-	-	-	-	1	-
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methadone	-	-	-	-	-	-	-	-	-	-	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	2	1	-	-	1	-	-	1	1	-	-	-	-
Drug unknown [†]	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	4	1	-	-	2	1	-	1	2	-	-	1	-
Total drug abuse deaths	3	1	-	-	1	1	-	1	1	-	-	1	-
INDIANAPOLIS, IN													
Alcohol-in-comb.	15	-	-	1	-	11	3	5	3	7	-	-	-
Amitriptyline	3	-	-	-	-	1	2	-	1	1	1	-	-
Cocaine	12	-	-	1	-	10	1	1	-	10	1	-	-
Codeine	3	-	-	-	-	2	1	-	-	2	1	-	-
d-Propoxyphene	6	-	-	1	-	2	3	3	3	-	-	-	-
Diazepam	1	-	-	1	-	-	-	1	-	-	-	-	-
Diphenhydramine	1	-	-	-	-	1	-	-	-	1	-	-	-
Heroin/Morphine ⁴	7	-	-	-	-	6	1	2	-	4	1	-	-
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methadone	1	-	-	1	-	-	-	1	-	-	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	24	1	1	1	-	11	10	7	10	6	1	-	-
Drug unknown [†]	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	73	1	1	6	-	44	21	20	17	31	5	-	-
Total drug abuse deaths	29	1	1	2	-	17	8	10	8	10	1	-	-
JACKSON, MS													
Alcohol-in-comb.	-	-	-	-	-	-	-	-	-	-	-	-	-
Amitriptyline	-	-	-	-	-	-	-	-	-	-	-	-	-
Cocaine	-	-	-	-	-	-	-	-	-	-	-	-	-
Codeine	-	-	-	-	-	-	-	-	-	-	-	-	-
d-Propoxyphene	-	-	-	-	-	-	-	-	-	-	-	-	-
Diazepam	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphenhydramine	-	-	-	-	-	-	-	-	-	-	-	-	-
Heroin/Morphine ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methadone	-	-	-	-	-	-	-	-	-	-	-	-	-
Methamphetamine/Speed ..	1	-	-	-	-	1	-	1	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	5	-	-	-	-	5	-	5	-	-	-	-	-
Drug unknown [†]	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	6	-	-	-	-	6	-	6	-	-	-	-	-
Total drug abuse deaths	2	-	-	-	-	2	-	2	-	-	-	-	-

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

³ Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

⁴ Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA 1

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1993

Drug category	TOTAL 2	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other 3	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
KANSAS CITY, KS/MO													
Alcohol-in-comb.	11	-	-	4	1	4	2	8	2	-	1	-	-
Amitriptyline	4	1	-	-	-	1	2	2	2	-	-	-	-
Cocaine	7	-	-	2	1	2	2	2	1	2	2	-	-
Codeine	1	-	-	-	1	-	-	-	1	-	-	-	-
d-Propoxyphene	2	-	-	-	1	-	1	-	2	-	-	-	-
Diazepam	1	-	-	-	-	-	1	-	1	-	-	-	-
Diphenhydramine	-	-	-	-	-	-	-	-	-	-	-	-	-
Heroin/Morphine 4	3	-	-	1	1	1	-	2	1	-	-	-	-
Marijuana/Hashish	3	-	-	1	1	-	1	-	1	1	1	-	-
Methadone	-	-	-	-	-	-	-	-	-	-	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	2	-	-	2	-	-	-	-	-	2	-	-	-
All other drugs	41	1	1	10	10	9	10	20	18	-	3	-	-
Drug unknown 1	1	-	-	-	1	-	-	-	1	-	-	-	-
Total drug mentions	76	2	1	20	17	17	19	34	30	5	7	-	-
Total drug abuse deaths	35	1	1	9	7	9	8	15	12	4	4	-	-
LAS VEGAS, NV													
Alcohol-in-comb.	32	1	-	11	2	11	5	20	5	2	1	2	-
Amitriptyline	3	-	-	2	-	-	1	2	1	-	-	-	-
Cocaine	33	-	-	10	5	12	4	18	7	3	3	2	-
Codeine	3	-	-	1	1	1	-	1	1	-	-	1	-
d-Propoxyphene	7	-	-	3	1	2	1	5	2	-	-	-	-
Diazepam	11	-	-	3	2	5	1	8	3	-	-	-	-
Diphenhydramine	1	-	-	-	-	-	-	1	-	-	-	-	-
Heroin/Morphine 4	18	-	-	6	1	8	2	12	2	-	-	2	-
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methadone	5	-	-	3	-	2	-	5	-	-	-	-	-
Methamphetamine/Speed ..	22	-	-	10	2	8	1	16	3	1	-	1	-
PCP/PCP combinations ...	3	1	-	2	-	-	-	-	-	2	-	1	-
All other drugs	47	-	-	17	7	16	5	31	12	1	2	1	-
Drug unknown 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	185	2	-	68	21	65	20	119	36	9	6	10	-
Total drug abuse deaths	80	1	-	28	8	30	8	51	13	5	3	5	-
LOS ANGELES, CA													
Alcohol-in-comb.	430	-	-	138	18	229	43	160	34	47	17	162	10
Amitriptyline	51	-	-	3	5	17	26	18	16	2	6	-	9
Cocaine	470	-	-	149	39	231	51	150	29	114	40	116	21
Codeine	167	-	1	38	8	84	36	59	22	15	13	48	10
d-Propoxyphene	31	-	-	2	1	16	12	13	10	2	2	3	1
Diazepam	52	-	-	10	4	22	16	24	17	-	1	8	2
Diphenhydramine	41	-	-	5	4	16	16	16	9	2	3	3	8
Heroin/Morphine 4	534	-	1	153	23	311	46	197	33	54	18	213	19
Marijuana/Hashish	1	-	-	1	-	-	-	1	-	-	-	-	-
Methadone	27	-	-	2	5	11	9	9	4	-	4	4	6
Methamphetamine/Speed ..	126	3	-	48	9	51	15	73	20	5	1	23	3
PCP/PCP combinations ...	68	1	-	25	6	30	6	7	3	15	6	34	3
All other drugs	693	1	2	118	74	281	217	268	198	48	30	82	65
Drug unknown 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	2,691	7	4	692	196	1,299	493	995	395	304	141	696	157
Total drug abuse deaths	1,083	4	2	299	79	534	165	396	140	135	57	305	49

1 Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

2 Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

3 Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

4 Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA ¹

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1993

Drug category	TOTAL ²	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other ³	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
LOUISVILLE, KY													
Alcohol-in-comb.	23	-	-	8	2	8	5	13	7	3	-	-	-
Amitriptyline	7	-	-	1	1	4	1	5	1	-	1	-	-
Cocaine	7	-	-	4	1	2	-	3	1	3	-	-	-
Codeine	4	-	-	2	-	1	1	3	1	-	-	-	-
d-Propoxyphene	4	-	-	2	-	2	-	4	-	-	-	-	-
Diazepam	11	-	-	2	1	4	4	6	4	-	1	-	-
Diphenhydramine	5	-	-	-	-	3	2	3	2	-	-	-	-
Heroin/Morphine ⁴	6	-	-	5	-	1	-	6	-	-	-	-	-
Marijuana/Hashish	19	1	-	14	-	4	-	19	-	-	-	-	-
Methadone	1	-	-	-	1	-	-	-	1	-	-	-	-
Methamphetamine/Speed ..	1	-	-	-	1	-	-	-	1	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	97	-	-	20	8	45	24	62	25	3	7	-	-
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	185	1	-	58	15	74	37	124	43	9	9	-	-
Total drug abuse deaths	58	1	-	21	5	22	9	40	12	4	2	-	-
MIAMI, FL													
Alcohol-in-comb.	64	-	-	21	2	32	9	22	4	17	5	14	2
Amitriptyline	5	-	-	1	-	-	4	1	4	-	-	-	-
Cocaine	147	2	-	38	9	76	21	40	14	50	12	27	4
Codeine	13	-	-	5	-	6	2	4	2	5	-	2	-
d-Propoxyphene	8	-	-	1	-	5	1	5	1	2	-	-	-
Diazepam	12	-	-	3	-	3	6	4	6	1	-	1	-
Diphenhydramine	6	-	-	1	-	3	2	3	2	1	-	-	-
Heroin/Morphine ⁴	28	-	-	6	-	15	7	13	6	6	-	2	1
Marijuana/Hashish	1	-	-	1	-	-	-	1	-	-	-	-	-
Methadone	1	-	-	-	-	-	1	-	1	-	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	152	-	-	25	9	74	43	58	36	24	7	18	9
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	437	2	-	102	20	214	96	151	76	106	24	64	16
Total drug abuse deaths	178	2	-	42	9	92	32	55	24	52	12	30	5
MILWAUKEE, WI													
Alcohol-in-comb.	5	-	-	1	1	2	1	3	2	-	-	-	-
Amitriptyline	2	-	-	1	1	1	-	1	1	-	-	-	-
Cocaine	3	-	-	1	1	1	-	2	1	-	-	-	-
Codeine	1	-	-	1	-	-	-	1	-	-	-	-	-
d-Propoxyphene	-	-	-	-	-	-	-	-	-	-	-	-	-
Diazepam	1	-	-	-	-	-	1	-	1	-	-	-	-
Diphenhydramine	-	-	-	-	-	-	-	-	-	-	-	-	-
Heroin/Morphine ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-
Marijuana/Hashish	4	1	-	2	-	1	-	4	-	-	-	-	-
Methadone	-	-	-	-	-	-	-	-	-	-	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	13	1	1	-	6	1	4	2	11	-	-	-	-
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	29	2	1	5	9	6	6	13	16	-	-	-	-
Total drug abuse deaths	15	2	1	3	2	4	3	9	6	-	-	-	-

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

³ Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

⁴ Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA ¹

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1993

Drug category	TOTAL ²	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other ³	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
MINNEAPOLIS, MN/WI													
Alcohol-in-comb.	15	-	-	5	1	7	2	9	3	-	-	3	-
Amitriptyline	5	-	-	1	-	2	2	3	2	-	-	-	-
Cocaine	9	-	-	5	1	-	2	4	2	-	1	1	-
Codeine	1	-	-	-	-	1	-	1	-	-	-	-	-
d-Propoxyphene	6	-	-	-	3	1	2	1	5	-	-	-	-
Diazepam	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphenhydramine	3	1	-	1	-	1	-	2	-	-	-	1	-
Heroin/Morphine ⁴	9	-	-	2	2	5	-	6	1	-	1	1	-
Marijuana/Hashish	7	-	-	3	1	3	-	6	1	-	-	-	-
Metadone	2	-	-	1	-	1	-	2	-	-	-	-	-
Methamphetamine/Speed ..	1	-	-	1	-	-	-	1	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	64	-	2	13	8	14	27	25	35	-	-	2	-
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	122	1	2	32	16	35	35	60	49	-	2	8	-
Total drug abuse deaths	64	1	1	19	9	20	13	35	20	-	2	5	-
NASHUA, NH													
Alcohol-in-comb.	3	-	-	1	-	1	1	2	1	-	-	-	-
Amitriptyline	-	-	-	-	-	-	-	-	-	-	-	-	-
Cocaine	1	-	-	-	-	-	-	-	-	-	-	-	-
Codeine	2	-	-	-	-	-	-	-	-	-	-	-	-
d-Propoxyphene	1	-	-	-	-	-	2	-	1	-	-	-	-
Diazepam	2	-	-	-	-	-	2	-	1	-	-	-	-
Diphenhydramine	-	-	-	-	-	-	-	-	-	-	-	-	-
Heroin/Morphine ⁴	3	-	-	1	-	1	-	2	-	-	-	-	-
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Metadone	-	-	-	-	-	-	-	-	-	-	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	9	-	-	-	-	2	6	2	4	-	-	-	-
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	20	-	-	2	-	4	11	6	7	-	-	-	-
Total drug abuse deaths	8	-	-	1	-	2	3	3	2	-	-	-	-
NEW ORLEANS, LA													
Alcohol-in-comb.	28	-	-	11	1	13	2	14	2	11	1	-	-
Amitriptyline	-	-	-	-	-	-	-	-	-	-	-	-	-
Cocaine	42	-	-	18	5	13	4	14	4	18	6	-	-
Codeine	5	1	-	-	1	2	1	2	1	1	1	-	-
d-Propoxyphene	4	-	-	1	-	-	3	1	3	-	-	-	-
Diazepam	2	-	-	1	1	-	-	1	1	-	-	-	-
Diphenhydramine	2	-	-	-	-	1	1	1	1	-	-	-	-
Heroin/Morphine ⁴	21	1	-	7	1	9	3	13	3	4	1	-	-
Marijuana/Hashish	5	-	-	3	-	1	1	2	1	2	-	-	-
Metadone	2	-	-	-	-	1	1	2	1	1	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	1	-	-	-	-	1	-	-	-	1	-	-	-
All other drugs	32	-	-	2	4	13	12	14	10	1	6	-	-
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	144	2	-	43	13	54	28	62	27	39	15	-	-
Total drug abuse deaths	70	1	-	21	7	28	10	32	12	19	6	-	-

- 1 Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.
- 2 Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.
- 3 Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.
- 4 Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA ¹

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1993

Drug category	TOTAL ²	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other ³	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
NEW YORK, NY													
Alcohol-in-comb.	578	2	-	190	26	301	58	208	27	134	39	149	18
Amitriptyline	28	-	-	2	2	16	7	12	4	3	5	3	-
Cocaine	818	1	-	253	68	419	75	221	40	250	71	200	31
Codeine	28	-	-	7	2	16	3	17	4	2	1	4	-
d-Propoxyphene	3	-	-	-	-	3	-	2	-	1	-	-	-
Diazepam	23	-	-	7	-	14	1	17	1	1	-	2	-
Diphenhydramine	10	-	-	1	2	2	4	2	3	-	2	1	1
Heroin/Morphine ⁴	796	2	-	269	56	391	75	304	46	147	48	208	36
Marijuana/Hashish	154	5	1	84	6	54	4	61	2	42	3	38	6
Methadone	237	-	-	35	17	138	47	67	20	48	32	58	12
Methamphetamine/Speed ..	1	-	-	1	-	-	-	-	-	-	-	1	-
PCP/PCP combinations ...	7	-	-	5	-	1	1	2	1	3	-	1	-
All other drugs	327	2	-	59	26	149	75	141	69	29	23	40	9
Drug unknown ¹	1	-	-	-	-	1	-	1	-	-	-	-	-
Total drug mentions	3,011	12	1	913	205	1,505	350	1,055	217	660	224	705	113
Total drug abuse deaths	1,468	8	1	445	111	721	174	485	103	352	119	333	63
NEWARK, NJ													
Alcohol-in-comb.	83	-	-	27	6	39	7	27	4	32	9	10	-
Amitriptyline	8	-	-	-	-	4	4	2	1	1	3	-	-
Cocaine	126	1	-	43	9	49	18	29	2	56	22	13	3
Codeine	17	-	-	10	2	4	1	7	-	5	2	2	1
d-Propoxyphene	4	-	-	2	1	-	1	2	1	-	-	-	1
Diazepam	7	-	-	3	1	2	1	1	1	3	1	1	-
Diphenhydramine	-	-	-	-	-	-	-	-	-	-	-	-	-
Heroin/Morphine ⁴	105	-	-	34	11	45	11	33	5	38	15	11	2
Marijuana/Hashish	9	1	-	5	-	3	-	1	-	7	-	1	-
Methadone	11	-	-	2	2	4	3	3	1	3	4	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	35	-	-	4	3	20	8	15	5	3	2	6	4
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	405	2	-	130	35	170	54	120	20	148	58	44	11
Total drug abuse deaths	187	1	-	61	17	77	25	50	10	76	27	18	5
NORFOLK, VA													
Alcohol-in-comb.	17	-	-	5	2	10	-	8	1	7	1	-	-
Amitriptyline	-	-	-	-	-	-	-	-	-	-	-	-	-
Cocaine	22	-	-	10	1	11	-	12	-	9	1	-	-
Codeine	7	-	-	2	-	5	-	5	-	2	-	-	-
d-Propoxyphene	1	-	-	-	-	1	-	1	-	-	-	-	-
Diazepam	2	-	-	1	-	-	1	1	1	-	-	-	-
Diphenhydramine	-	-	-	-	-	-	-	-	-	-	-	-	-
Heroin/Morphine ⁴	23	-	-	4	3	14	2	13	2	5	3	-	-
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methadone	2	-	-	-	2	-	-	-	-	-	2	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	11	-	-	-	1	5	5	3	5	2	1	-	-
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	85	-	-	22	9	46	8	43	9	25	8	-	-
Total drug abuse deaths	37	-	-	11	4	17	5	17	5	11	4	-	-

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

³ Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

⁴ Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA 1

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1993

Drug category	TOTAL 2	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other 3	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
OKLAHOMA CITY, OK													
Alcohol-in-comb.	45	-	-	10	6	18	11	22	15	4	2	1	-
Amitriptyline	14	-	-	3	2	3	6	5	7	1	-	-	1
Cocaine	31	-	1	7	5	13	4	13	6	8	4	-	-
Codeine	9	1	-	-	-	3	5	3	5	-	-	-	-
d-Propoxyphene	14	-	-	2	-	6	6	7	6	1	-	-	-
Diazepam	23	-	-	4	-	12	7	13	6	-	-	1	1
Diphenhydramine	5	-	-	1	-	-	4	1	4	-	-	-	-
Heroin/Morphine 4	9	-	-	1	-	4	4	4	4	-	-	-	-
Marijuana/Hashish	1	-	-	1	-	-	-	1	-	-	-	-	-
Methadone	11	-	-	2	1	3	5	4	6	-	-	1	-
Methamphetamine/Speed ..	7	-	-	1	1	2	3	3	4	-	-	-	-
PCP/PCP combinations ...	2	-	-	-	1	1	-	1	-	-	1	-	-
All other drugs	188	1	1	24	9	53	100	64	107	13	-	-	3
Drug unknown 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	359	2	2	56	25	118	155	141	170	27	7	3	5
Total drug abuse deaths	139	2	1	28	11	46	50	60	57	14	4	1	1
OMAHA, NE													
Alcohol-in-comb.	14	-	-	6	-	5	3	6	2	3	1	2	-
Amitriptyline	6	-	-	1	1	1	3	2	3	-	1	-	-
Cocaine	3	-	-	2	-	1	-	-	-	2	-	1	-
Codeine	-	-	-	-	-	-	-	-	-	-	-	-	-
d-Propoxyphene	3	-	-	3	-	-	-	3	-	-	-	-	-
Diazepam	2	-	-	1	-	1	1	1	-	1	-	-	-
Diphenhydramine	3	-	-	1	-	-	2	1	2	-	-	-	-
Heroin/Morphine 4	1	-	-	-	-	1	-	1	-	-	-	-	-
Marijuana/Hashish	5	-	-	3	-	-	2	-	-	2	2	1	-
Methadone	2	-	-	1	-	1	-	2	-	-	-	-	-
Methamphetamine/Speed ..	1	-	-	-	-	1	-	1	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	44	1	2	8	2	16	15	24	15	1	4	-	-
Drug unknown 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	84	1	2	26	3	26	26	41	22	8	9	4	-
Total drug abuse deaths	35	1	1	10	1	10	12	14	10	5	4	2	-
PHILADELPHIA, NJ/PA													
Alcohol-in-comb.	271	1	-	82	20	147	20	140	29	82	10	7	1
Amitriptyline	37	-	-	5	3	19	10	17	11	6	2	1	-
Cocaine	426	1	-	121	35	231	37	155	34	171	36	25	2
Codeine	90	1	-	24	2	52	11	42	11	30	2	5	-
d-Propoxyphene	53	-	-	8	6	29	10	37	15	-	1	-	-
Diazepam	105	-	-	32	12	47	14	65	23	13	2	-	1
Diphenhydramine	23	-	-	7	4	8	4	9	6	4	2	2	-
Heroin/Morphine 4	412	1	-	118	31	228	34	193	49	123	15	30	1
Marijuana/Hashish	20	2	-	10	1	7	-	12	1	4	-	3	-
Methadone	30	-	-	3	3	17	7	13	9	7	1	-	-
Methamphetamine/Speed ..	25	-	-	8	4	12	1	18	5	2	-	-	-
PCP/PCP combinations ...	34	-	-	22	6	6	-	14	5	6	1	8	-
All other drugs	437	-	1	100	59	188	89	219	137	61	11	7	1
Drug unknown 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	1,963	6	1	540	186	991	237	934	335	509	83	88	6
Total drug abuse deaths	759	4	1	213	58	392	90	335	103	232	43	40	3

1 Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.
 2 Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.
 3 Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.
 4 Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA 1

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1993

Drug category	TOTAL 2	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other 3	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
PHOENIX, AZ													
Alcohol-in-comb.	82	1	1	22	4	28	13	35	10	3	1	11	1
Amitriptyline	19	-	1	5	-	8	5	11	6	2	-	-	-
Cocaine	48	1	-	13	4	19	7	17	8	6	2	7	-
Codeine	9	-	-	2	-	4	3	5	2	-	-	1	-
d-Propoxyphene	14	-	-	1	2	6	4	6	6	1	-	-	-
Diazepam	26	-	-	5	1	13	5	15	5	1	-	2	1
Diphenhydramine	18	-	1	2	5	3	5	5	7	1	-	-	1
Heroin/Morphine 4	66	1	-	14	5	34	4	29	5	1	-	14	4
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methadone	10	-	-	1	-	4	4	5	3	-	-	1	1
Methamphetamine/Speed ..	37	1	-	15	4	10	5	17	5	1	1	4	-
PCP/PCP combinations ...	2	-	-	-	-	1	1	-	-	-	-	-	-
All other drugs	223	1	2	38	19	85	69	87	67	9	3	16	6
Drug unknown 1	1	-	-	-	-	1	-	-	-	-	-	-	-
Total drug mentions	555	5	5	118	44	216	125	232	124	25	7	56	14
Total drug abuse deaths	242	3	3	57	22	89	49	98	52	11	4	27	7
PORTLAND, OR													
Alcohol-in-comb.	42	-	-	7	4	25	5	30	9	1	-	-	-
Amitriptyline	6	-	-	3	-	2	-	5	-	-	-	-	-
Cocaine	30	-	-	13	-	15	2	24	2	3	-	1	-
Codeine	27	-	-	4	2	18	3	16	5	3	-	2	-
d-Propoxyphene	1	-	-	-	-	1	-	1	-	-	-	-	-
Diazepam	4	-	-	1	-	3	-	4	-	-	-	-	-
Diphenhydramine	-	-	-	-	-	-	-	-	-	-	-	-	-
Heroin/Morphine 4	45	-	-	8	4	29	4	31	8	4	-	2	-
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methadone	12	-	-	1	1	7	3	6	4	1	-	-	-
Methamphetamine/Speed ..	12	-	-	6	-	3	2	8	3	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	39	-	-	10	2	14	10	22	13	2	-	-	-
Drug unknown 1	1	-	-	1	-	-	-	1	-	-	-	-	-
Total drug mentions	219	-	-	54	13	117	29	148	44	14	-	5	-
Total drug abuse deaths	101	-	-	28	7	50	13	68	21	6	-	2	-
PROVIDENCE, RI													
Alcohol-in-comb.	21	-	-	7	3	10	1	15	4	-	-	2	-
Amitriptyline	1	-	-	1	-	-	-	1	-	-	-	-	-
Cocaine	16	-	-	6	3	6	1	7	3	3	1	2	-
Codeine	12	-	-	4	2	4	2	7	3	1	1	-	-
d-Propoxyphene	-	-	-	-	-	-	-	-	-	-	-	-	-
Diazepam	7	-	-	1	-	2	4	1	4	1	-	1	-
Diphenhydramine	-	-	-	-	-	-	-	-	-	-	-	-	-
Heroin/Morphine 4	29	-	-	6	6	12	5	17	9	1	2	-	-
Marijuana/Hashish	1	-	-	1	-	-	-	1	-	-	-	-	-
Methadone	-	-	-	-	-	-	-	-	-	-	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	51	-	-	11	6	15	19	20	22	5	3	1	-
Drug unknown 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	138	-	-	37	20	49	32	69	45	11	7	6	-
Total drug abuse deaths	51	-	-	15	8	19	9	26	14	5	3	3	-

1 Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

2 Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

3 Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

4 Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA ¹

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1993

Drug category	TOTAL ²	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other ³	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
ST. LOUIS, IL/MO													
Alcohol-in-comb.	81	1	-	26	5	36	13	46	12	13	6	-	-
Amitriptyline	16	-	-	4	-	6	6	8	6	2	-	-	-
Cocaine	77	3	-	28	7	31	8	28	5	28	9	1	-
Codeine	14	-	-	-	2	10	2	8	2	2	2	-	-
d-Propoxyphene	21	-	-	2	4	11	4	10	6	2	2	-	-
Diazepam	49	-	-	11	4	25	9	32	13	2	-	-	-
Diphenhydramine	37	-	1	6	2	21	7	22	9	5	-	-	1
Heroin/Morphine ⁴	36	-	-	8	3	19	6	16	6	10	2	-	-
Marijuana/Hashish	31	2	1	17	1	10	1	25	-	4	2	-	-
Methadone	3	-	-	-	1	1	1	1	2	-	-	-	-
Methamphetamine/Speed ..	5	-	-	3	2	-	-	3	2	-	-	-	-
PCP/PCP combinations ...	4	-	-	2	1	1	-	-	-	2	1	-	-
All other drugs	220	3	-	33	28	99	57	113	73	21	12	-	-
Drug unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	594	9	2	140	60	270	113	312	136	91	36	-1	1
Total drug abuse deaths	247	5	2	62	25	114	39	130	46	43	18	-1	1
SALT LAKE CITY, UT													
Alcohol-in-comb.	26	1	-	2	3	19	1	20	3	-	-	2	1
Amitriptyline	6	-	-	2	1	2	1	3	2	-	-	1	-
Cocaine	17	-	-	8	1	8	-	13	-	2	-	-	1
Codeine	10	-	-	3	1	5	1	7	2	1	-	-	-
d-Propoxyphene	4	-	-	1	-	2	1	3	1	-	-	-	-
Diazepam	7	-	-	2	-	4	1	6	1	-	-	-	-
Diphenhydramine	1	-	-	-	-	1	-	-	-	-	-	-	-
Heroin/Morphine ⁴	18	-	-	6	-	12	-	16	-	1	-	-	-
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methadone	6	-	-	1	1	4	-	4	1	1	-	-	-
Methamphetamine/Speed ..	1	-	-	-	-	1	-	1	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	52	1	1	14	4	25	7	36	11	-	-	3	-
Drug unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	148	2	1	39	11	83	12	109	21	5	-	6	2
Total drug abuse deaths	63	1	1	15	4	36	6	45	9	2	-	2	1
SAN ANTONIO, TX													
Alcohol-in-comb.	40	-	-	19	4	16	-	14	3	3	-	18	1
Amitriptyline	1	-	-	1	-	-	-	1	-	-	-	-	-
Cocaine	42	-	-	19	7	14	1	11	4	4	-	17	4
Codeine	8	-	-	2	1	4	1	3	1	-	-	3	1
d-Propoxyphene	1	-	-	-	-	1	-	-	-	-	-	1	-
Diazepam	4	-	-	1	-	3	-	2	-	1	-	1	-
Diphenhydramine	1	-	-	-	-	1	-	1	-	-	-	-	-
Heroin/Morphine ⁴	30	-	-	7	3	15	4	8	5	3	-	11	2
Marijuana/Hashish	4	-	-	3	1	-	-	1	1	-	-	2	-
Methadone	1	-	-	-	-	1	-	1	-	-	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	18	2	-	8	1	4	3	10	4	1	-	3	-
Drug unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	150	2	-	60	17	59	9	52	18	12	-	56	8
Total drug abuse deaths	69	1	-	27	9	26	5	19	9	5	-	29	5

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

³ Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

⁴ Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA 1

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1993

Drug category	TOTAL ²	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other ³	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
SAN DIEGO, CA													
Alcohol-in-comb.	94	-	-	37	-	49	8	53	3	6	4	27	1
Amitriptyline	2	-	-	-	-	2	-	2	-	-	-	-	-
Cocaine	95	-	-	39	5	40	11	42	9	11	5	25	2
Codeine	122	-	-	34	5	70	12	64	16	6	-	34	1
d-Propoxyphene	6	-	-	-	2	1	3	1	5	-	-	-	-
Diazepam	10	-	-	-	1	7	2	6	3	1	-	-	-
Diphenhydramine	5	-	-	-	1	3	1	3	2	-	-	-	-
Heroin/Morphine ⁴	136	-	-	39	7	79	10	72	15	8	-	38	2
Marijuana/Hashish	3	-	-	-	-	-	-	-	-	-	-	-	-
Methodone	3	-	-	-	-	2	-	2	-	-	-	-	-
Methamphetamine/Speed ..	77	-	-	31	11	32	3	51	13	2	-	10	1
PCP/PCP combinations ...	6	-	-	4	1	1	-	1	-	1	-	3	1
All other drugs	156	1	-	43	18	63	31	100	46	1	1	6	2
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	712	1	-	227	51	349	81	397	112	36	10	143	10
Total drug abuse deaths	251	1	-	85	17	117	30	136	38	15	5	51	4
SAN FRANCISCO, CA													
Alcohol-in-comb.	125	-	-	33	6	61	24	71	23	10	5	12	2
Amitriptyline	12	-	-	2	1	4	5	6	3	-	1	-	2
Cocaine	138	-	-	35	8	75	20	67	15	33	13	9	-
Codeine	43	-	-	8	1	26	8	32	6	1	2	1	1
d-Propoxyphene	8	-	-	1	-	3	4	3	3	1	1	-	-
Diazepam	34	-	-	4	1	22	7	24	7	1	1	-	-
Diphenhydramine	17	-	-	3	-	7	7	9	5	-	2	1	-
Heroin/Morphine ⁴	171	-	-	44	8	88	30	102	29	15	7	15	2
Marijuana/Hashish	7	-	-	5	-	2	-	7	-	-	-	-	-
Methodone	10	-	-	1	-	6	3	7	3	-	-	-	-
Methamphetamine/Speed ..	54	-	-	21	1	30	2	41	3	6	-	4	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	150	-	-	22	2	76	48	84	41	6	2	8	7
Drug unknown ¹	1	-	-	-	-	-	1	-	1	-	-	-	-
Total drug mentions	770	-	-	179	28	400	159	453	139	73	34	50	14
Total drug abuse deaths	340	-	-	82	15	172	69	186	63	41	16	26	5
SEATTLE, WA													
Alcohol-in-comb.	68	-	-	20	5	36	7	47	7	6	5	3	-
Amitriptyline	13	-	-	3	-	3	5	5	4	1	3	-	-
Cocaine	41	-	-	15	3	21	2	28	4	6	1	2	-
Codeine	5	-	1	1	1	1	1	2	2	-	-	-	1
d-Propoxyphene	11	-	-	2	1	3	5	4	6	1	-	-	-
Diazepam	11	-	-	2	1	6	2	6	2	2	1	-	-
Diphenhydramine	7	-	-	2	1	2	2	3	2	-	-	1	1
Heroin/Morphine ⁴	99	-	1	27	7	54	10	69	14	8	4	4	-
Marijuana/Hashish	2	-	-	1	1	-	-	1	1	-	-	-	-
Methodone	7	-	-	1	1	4	1	4	1	1	1	-	-
Methamphetamine/Speed ..	1	-	-	1	-	-	-	1	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	90	1	2	14	19	28	26	40	39	1	4	2	4
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	355	1	4	89	42	158	61	210	82	26	19	12	6
Total drug abuse deaths	152	1	1	38	16	72	24	94	32	12	7	5	2

1 Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

2 Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

3 Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

4 Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA 1

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1993

Drug category	TOTAL 2	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other 3	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
SOUIX FALLS, SD													
Alcohol-in-comb.	-	-	-	-	-	-	-	-	-	-	-	-	-
Amitriptyline	-	-	-	-	-	-	-	-	-	-	-	-	-
Cocaine	-	-	-	-	-	-	-	-	-	-	-	-	-
Codeine	-	-	-	-	-	-	-	-	-	-	-	-	-
d-Propoxyphene	1	-	-	-	-	1	-	1	-	-	-	-	-
Diazepam	1	-	-	-	-	1	-	1	-	-	-	-	-
Diphenhydramine	1	-	-	1	-	-	-	1	-	-	-	-	-
Heroin/Morphine 4	-	-	-	-	-	-	-	-	-	-	-	-	-
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methodone	-	-	-	-	-	-	-	-	-	-	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	5	-	-	-	-	1	4	-	4	-	-	1	-
Drug unknown 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	8	-	-	1	-	1	6	1	6	-	-	1	-
Total drug abuse deaths	3	-	-	1	-	1	1	1	1	-	-	1	-
WASHINGTON, DC/MD/VA													
Alcohol-in-comb.	119	-	-	31	13	55	19	34	12	52	19	1	1
Amitriptyline	11	-	-	3	1	4	3	4	2	3	2	-	-
Cocaine	101	-	-	26	11	51	12	15	6	62	17	1	-
Codeine	41	-	1	6	5	22	6	10	7	19	5	-	-
d-Propoxyphene	7	-	-	1	1	4	1	5	2	-	-	-	-
Diazepam	15	-	-	4	2	6	2	8	1	3	3	-	-
Diphenhydramine	18	-	-	4	1	7	6	8	4	2	2	1	1
Heroin/Morphine 4	109	-	-	24	12	60	12	28	6	55	18	2	-
Marijuana/Hashish	1	-	-	-	-	1	-	-	-	-	-	1	-
Methodone	4	-	-	3	-	1	-	3	-	1	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	33	1	-	20	1	11	-	10	1	22	-	-	-
All other drugs	137	-	5	40	12	44	34	58	37	24	15	2	1
Drug unknown 1	2	-	-	1	-	1	-	1	-	1	-	-	-
Total drug mentions	598	1	6	163	59	267	95	184	78	244	81	8	3
Total drug abuse deaths	259	1	2	70	21	128	34	76	24	121	33	4	1
WILMINGTON, DE													
Alcohol-in-comb.	26	-	-	8	3	9	5	11	8	7	-	-	-
Amitriptyline	4	-	-	-	1	3	-	3	1	-	-	-	-
Cocaine	25	-	-	10	4	10	1	11	4	9	1	-	-
Codeine	2	-	-	-	-	1	1	1	1	-	-	-	-
d-Propoxyphene	1	-	-	1	-	-	-	1	-	-	-	-	-
Diazepam	7	-	-	1	1	2	2	3	4	-	-	-	-
Diphenhydramine	2	-	-	-	1	1	-	1	1	-	-	-	-
Heroin/Morphine 4	10	-	-	3	-	4	3	4	3	3	-	-	-
Marijuana/Hashish	4	-	-	4	-	-	-	4	-	-	-	-	-
Methodone	-	-	-	-	-	-	-	-	-	-	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	3	-	-	3	-	-	-	3	-	-	-	-	-
All other drugs	50	1	-	9	4	14	18	17	23	10	-	-	-
Drug unknown 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	134	1	-	39	14	44	30	59	45	29	1	-	-
Total drug abuse deaths	68	1	-	18	6	24	16	29	22	16	1	-	-

1 Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

2 Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

3 Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

4 Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA Drug Abuse Warning Network (June 1994 data file).

4. TRENDS IN NUMBERS OF DRUG ABUSE DEATHS AND DRUG MENTIONS: 1990-1993

This chapter presents trends in the numbers of drug abuse deaths and drug mentions that occurred between 1990 and 1993 as reported by a subset of DAWN MEs with consistent reporting histories over the entire period of comparison. (Refer to Table I-3 for a list of ME jurisdictions included in this chapter.) As discussed in Chapter 1, a consistent panel of reporting facilities will eliminate time-related changes in the number of drug abuse deaths and drug mentions resulting from the lack of reports from some jurisdictions from one period to another. ME jurisdictions were included in the consistent panel if they reported for at least 10 months in each of the 4 years examined in this chapter. This rule included 74 ME jurisdictions from 26 metropolitan areas, covering 7,485 drug-abuse deaths (88 percent of deaths reported in Chapter 2) and 17,898 drug mentions (88 percent of mentions reported Chapter 2).

Comparisons of DAWN drug abuse deaths across metropolitan areas should be made with caution, since ME cases vary by area and reporting practices are not consistent.

For the Boston metropolitan area, four of the five medical examiner facilities reported for only 4 months in 1992. For this reason, data from the Boston metropolitan area are excluded from Chapter 4.

The first three tables (tables 4.01-4.03) provide data for the entire consistent panel, including distributions of total drug abuse deaths by decedent demographic characteristics, episode characteristics, and drug group mentioned. Tables 4.04 and 4.05 display the data by metropolitan area for total drug abuse episodes and mentions of cocaine and heroin/morphine. Finally, table 4.06 profiles each of the 26 metropolitan areas. This table shows distributions of ME cases by decedent demographic characteristics and mentions of selected top-ranking drugs.

The following discussion focuses on comparisons between ME drug abuse cases and drug mentions in 1992 and 1993. To facilitate comparisons, each table in this chapter includes a column showing the percentage change from 1992 to 1993. The percentage change is not shown when the denominator values (i.e., the 1992 total for the comparison in question) are less than 10.

As shown in table 4.01, the number of drug abuse deaths reported by ME facilities increased 11 percent in the overall data, from 6,768 in 1992 to 7,485 in 1993. Increases in total drug abuse deaths were observed for most demographic groups. Deaths increased 12 percent for males and 8 percent for females. The number of white decedents increased 8 percent; the number of black decedents rose 16 percent; and the number of Hispanic decedents increased 7 percent. By age, the largest increases were observed for decedents aged 35 to 44 years (19 percent) and decedents aged 45 to 54 years (17 percent). The only notable decrease was seen for drug abuse deaths among persons aged 55 years and older (a decline of 5 percent).

Table 4.02 presents comparisons in the distributions of drug abuse deaths in 1992 and 1993 by selected case (episode) characteristics. The number of single-drug cases increased 5 percent while the number of cases involving multiple drugs increased 13 percent. Deaths directly induced by drugs (i.e., overdoses) increased 15 percent, from 4,505 in 1992 to 5,182 in 1993, while deaths in which drugs played a contributory role showed no change from 1992 to 1993. Drug abuse deaths that were accidental or unexpected increased by 18 percent, while suicides decreased 5 percent over the two years.

Data on drugs mentioned in connection with ME cases in 1992 and 1993 in the total DAWN system are shown in table 4.03. Mentions of cocaine increased 10 percent, from 3,220 in 1992 to 3,556 in 1993. Proportionately, cocaine was reported in 48 percent of cases in 1992 and also with 48 percent of drug-related deaths in 1993. Mentions of heroin/morphine rose 27 percent, from 2,730 in 1992 to 3,470 in 1993. Forty percent of drug abuse deaths in 1992 involved heroin/morphine compared with 46 percent in

1993. Deaths involving amphetamine increased 73 percent; other notable increases included methamphetamine/speed (61 percent), PCP/PCP combinations (38 percent), marijuana/hashish (34 percent), and inhalants/solvents/aerosols (25 percent). There was a 30 percent decrease in deaths with mention of desipramine.

Table 4.04 presents the number of drug abuse deaths in 1992 and 1993 according to metropolitan area. As noted previously, deaths in the overall data increased 11 percent over this period. Across the 26 DAWN metropolitan areas, the largest increases were seen in Indianapolis (164 percent), Dallas (86 percent), Chicago (45 percent), Baltimore (38 percent), and Oklahoma City (32 percent). The greatest relative decreases occurred in Buffalo (69 percent) and San Antonio (27 percent).

Comparisons of the number of ME cases involving mentions of cocaine and heroin/morphine according to metropolitan area are shown in table 4.05. Cocaine mentions, as previously indicated, increased 10 percent from 1992 to 1993 in the overall ME data. The greatest increases occurred in Oklahoma City (72 percent, from 18 in 1992 to 31 in 1993) and Dallas (70 percent, from 70 to 119). Mentions of cocaine decreased 64 percent in Buffalo (from 11 to 4) and 31 percent in San Antonio (from 61 to 42).

Mentions of heroin/morphine in ME cases (table 4.05b) increased 27 percent in the overall data, as indicated previously. The largest increases occurred in Dallas (162 percent, from 21 in 1992 to 55 in 1993), Atlanta (162 percent, from 13 to 34), Chicago (75 percent from 190 to 332), Cleveland (68 percent from 22 to 37, and Seattle (50 percent, from 66 to 99). Decreases were largest in Buffalo (55 percent, from 11 to 5), St. Louis (17 percent, from 41 to 34), and San Diego (16 percent, from 161 to 136).

Table 4.06 presents comparisons of 1992 and 1993 ME data according to metropolitan area. The data include the number of drug abuse deaths according to decedent demographic characteristics, and the number of mentions of selected top-ranking drugs reported in connection with these cases. This discussion will focus on three metropolitan areas: (1) New York, which had the largest numbers of drug-related deaths in each year; (2) Los Angeles, which ranked second in each year; and (3) San Antonio, which was exceptional because it experienced a notable decrease in ME drug cases from 1992 to 1993. (Buffalo also experienced a sizable decreases in ME drug cases from 1992 to 1993; however, the absolute number of cases in Buffalo was too small to permit disaggregation of the data by most of the variables of interest.)

In the New York area, total drug abuse deaths reported by MEs participating in DAWN increased 5 percent, from 1,397 to 1,465. Cases involving males increased 6 percent and cases involving females increased 3 percent. Cases involving white and Hispanic decedents increased 9 and 2 percent, respectively, but those involving black decedents showed almost no change. Decedents 35 years of age or older accounted for over one-half of drug-related ME cases in the New York area. Deaths of individuals in this age range increased 6 percent from 1992 to 1993. New York area deaths involving cocaine increased 12 percent over this period, while those involving heroin/morphine increased 17 percent. Mentions of marijuana/hashish in connection with ME cases increased 21 percent and mentions of methadone increased 20 percent. Observed decreases for specific drug mentions involved relatively small numbers of deaths.

Drug abuse deaths in the Los Angeles area decreased by only 1 percent, from 1,094 in 1992 to 1,083 in 1993. Cases involving males increased 3 percent, while cases involving females decreased 13 percent. Cases involving white decedents were essentially unchanged, those involving black decedents decreased 22 percent, and those in which the decedent was Hispanic increased 12 percent. Sixty-five percent of decedents in drug abuse cases were over the age of 35 years; the number of cases involving decedents in this age range changed minimally (a 1 percent increase). A 7 percent decrease in drug abuse deaths was observed for decedents aged 26 to 34 years. Deaths involving cocaine declined 16 percent (from 558 to 470) and cases with mention of heroin/morphine increased 17 percent (from 457 to 534). The greatest proportional increase in drug abuse deaths occurred for cases with mention of methamphetamine/speed (a 129 percent increase from 55 to 126). The greatest declines were 42

percent for d-propoxyphene (from 53 to 31), 28 percent for diazepam (from 72 to 52), and 23 percent for methadone (from 35 to 27).

The San Antonio area experienced a 27 percent decrease in drug abuse deaths, from 95 in 1992 to 69 in 1993. Decreases in deaths were seen for both sexes, but decreases for females (42 percent) were about twice the size of decreases for males (21 percent). Black decedents decreased by 55 percent, white decedents decreased by 38 percent, and Hispanic decedents decreased by 13 percent. Declines in drug abuse deaths were observed among the two age groups beginning at 26 years. Among the selected drug categories displayed in Table 4.06, the only drug that showed an increase from 1992 to 1993 in San Antonio was heroin/morphine (with a 30 percent change from 23 to 30 deaths). Deaths involving cocaine decreased by 31 percent (from 61 to 42 deaths).

MEDICAL EXAMINER DATA

Table 4.01 - Distribution of drug abuse deaths by selected demographic characteristics: 1990-1993

Demographic characteristics	1990		1991		1992		1993		Percent change in numbers, 1992-1993
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
SEX									
Male	4,018	71.4	4,397	72.1	5,061	74.8	5,666	75.7	12.0
Female	1,593	28.3	1,680	27.5	1,661	24.5	1,786	23.9	7.5
Unknown/no response	17	.3	22	.4	46	.7	33	.4	-28.3
TOTAL	5,628	100.0	6,099	100.0	6,768	100.0	7,485	100.0	10.6
RACE/ETHNICITY									
White	2,893	51.4	3,205	52.5	3,640	53.8	3,936	52.6	8.1
Black	1,660	29.5	1,966	32.2	2,062	30.5	2,387	31.9	15.6
Hispanic	934	16.6	786	12.9	951	14.1	1,016	13.6	6.8
Other	68	1.2	69	1.1	90	1.3	72	1.0	-20.0
Unknown/no response	73	1.3	73	1.2	25	.4	74	1.0	196.0
TOTAL	5,628	100.0	6,099	100.0	6,768	100.0	7,485	100.0	10.6
AGE									
6 to 17 years	48	.9	62	1.0	68	1.0	72	1.0	5.9
6 to 11 years	1	*	4	.1	4	.1	5	.1	...
12 to 17 years	47	.8	58	1.0	64	.9	67	.9	4.7
18 to 25 years	587	10.4	647	10.6	642	9.5	701	9.4	9.2
18 to 19 years	85	1.5	77	1.3	82	1.2	91	1.2	11.0
20 to 25 years	502	8.9	570	9.3	560	8.3	610	8.1	8.9
26 to 34 years	1,828	32.5	1,909	31.3	1,963	29.0	1,998	26.7	1.8
26 to 29 years	722	12.8	720	11.8	694	10.3	681	9.1	-1.9
30 to 34 years	1,106	19.7	1,189	19.5	1,269	18.8	1,317	17.6	3.8
35 years and older	3,135	55.7	3,449	56.6	4,074	60.2	4,682	62.6	14.9
35 to 44 years	1,850	32.9	2,128	34.9	2,508	37.1	2,993	40.0	19.3
45 to 54 years	792	14.1	810	13.3	938	13.9	1,093	14.6	16.5
55 years and older	493	8.8	511	8.4	628	9.3	596	8.0	-5.1
Unknown/no response	30	.5	32	.5	21	.3	32	.4	52.4
TOTAL	5,628	100.0	6,099	100.0	6,768	100.0	7,485	100.0	10.6

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network(June 1994 data file).

MEDICAL EXAMINER DATA

Table 4.02 - Distribution of drug abuse deaths by selected episode characteristics: 1990-1993

Episode characteristics	1990		1991		1992		1993		Percent change in numbers, 1992-1993
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
DRUG CONCOMITANCE									
Single-drug episode	1,317	23.4	1,610	26.4	1,712	25.3	1,799	24.0	5.1
Multi-drug episode	4,311	76.6	4,489	73.6	5,056	74.7	5,686	76.0	12.5
TOTAL	5,628	100.0	6,099	100.0	6,768	100.0	7,485	100.0	10.6
CAUSE OF DEATH									
Drug induced (overdose)	3,686	65.5	3,913	64.2	4,505	66.6	5,182	69.2	15.0
Direct - single drug cause	532	9.5	585	9.6	698	10.3	718	9.6	2.9
Direct - multiple drug cause	3,154	56.0	3,328	54.6	3,807	56.3	4,464	59.6	17.3
Drug related (contributory factor) .	1,898	33.7	2,133	35.0	2,212	32.7	2,211	29.5	*
Drug and physiological condition .	238	4.2	388	6.4	701	10.4	714	9.5	1.9
Drug and external physical event .	1,123	20.0	1,248	20.5	1,226	18.1	1,237	16.5	.9
Drug and medical disorder	537	9.5	497	8.1	285	4.2	260	3.5	-8.8
Unknown	44	.8	53	.9	51	.8	92	1.2	80.4
TOTAL	5,628	100.0	6,099	100.0	6,768	100.0	7,485	100.0	10.6
MANNER OF DEATH									
Accidental/unexpected	3,449	61.3	3,478	57.0	3,944	58.3	4,666	62.3	18.3
Suicide	1,244	22.1	1,305	21.4	1,468	21.7	1,400	18.7	-4.6
Other/unknown	935	16.6	1,316	21.6	1,356	20.0	1,419	19.0	4.6
TOTAL	5,628	100.0	6,099	100.0	6,768	100.0	7,485	100.0	10.6

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network(June 1994 data file).

MEDICAL EXAMINER DATA

Table 4.03 - Distribution of drug mentions by selected drug group: 1990-1993

Drug groups: therapeutic class by drug category	1990		1991		1992		1993		Percent change in numbers, 1992- 1993
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
TRANQUILIZERS	923	16.4	989	16.2	992	14.7	959	12.8	-3.3
Diazepam	498	8.8	567	9.3	585	8.6	517	6.9	-11.6
Alprazolam	71	1.3	80	1.3	100	1.5	95	1.3	-5.0
Chlordiazepoxide	100	1.8	91	1.5	87	1.3	75	1.0	-13.8
Clorazepate	-	-	-	-	1	*	1	*	...
Lorazepam	15	.3	21	.3	15	.2	29	.4	93.3
Meprobamate	49	.9	47	.8	54	.8	53	.7	-1.9
Other/unspecified	190	3.4	183	3.0	150	2.2	189	2.5	26.0
NARCOTIC ANALGESICS	3,403	60.5	3,775	61.9	4,571	67.5	5,267	70.4	15.2
Heroin/Morphine ¹	1,918	34.1	2,201	36.1	2,730	40.3	3,470	46.4	27.1
d-Propoxyphene	264	4.7	291	4.8	337	5.0	285	3.8	-15.4
Methadone	424	7.5	414	6.8	419	6.2	421	5.6	.5
Oxycodone	26	.5	33	.5	35	.5	42	.6	20.0
Codeine	662	11.8	700	11.5	810	12.0	847	11.3	4.6
Meperidine HCl	33	.6	29	.5	32	.5	47	.6	46.9
Hydromorphone	13	.2	20	.3	21	.3	18	.2	-14.3
Other/unspecified	63	1.1	87	1.4	187	2.8	137	1.8	-26.7
NON-NARCOTIC ANALGESICS	338	6.0	338	5.5	390	5.9	400	5.3	1.0
Aspirin	99	1.8	95	1.6	91	1.3	92	1.2	1.1
Acetaminophen	204	3.6	203	3.3	250	3.7	261	3.5	4.4
Pentazocine	1	*	-	-	1	*	-	-	...
Butalbital combinations	-	-	-	-	1	*	-	-	...
Other/unspecified	34	.6	40	.7	53	.8	47	.6	-11.3
NON-BARBITURATE SEDATIVES	200	3.6	181	3.0	178	2.6	136	1.8	-23.6
Methaqualone	-	-	2	*	3	*	1	*	...
Flurazepam	60	1.1	43	.7	50	.7	36	.5	-28.0
O.T.C. sleep aids	-	-	2	*	-	-	1	*	...
Ethchlorvynol	26	.5	19	.3	14	.2	9	.1	-35.7
Glutethimide	31	.6	38	.6	19	.3	14	.2	-26.3
Chloral hydrate	7	.1	-	-	8	.1	4	.1	...
Other/unspecified	76	1.4	77	1.3	84	1.2	71	.9	-15.5
ANTIDEPRESSANTS	1,285	22.8	1,303	21.4	1,214	17.9	1,116	14.9	-8.1
Amitriptyline	382	6.8	413	6.8	350	5.2	325	4.3	-7.1
Amitriptyline combinations	-	-	1	*	-	-	-	-	...
Doxepin	141	2.5	159	2.6	172	2.5	155	2.1	-9.9
Fluoxetine	104	1.8	97	1.6	104	1.5	90	1.2	-13.5
Imipramine	80	1.4	72	1.2	72	1.1	68	.9	-5.6
Desipramine	132	2.3	123	2.0	132	2.0	92	1.2	-30.3
Other/unspecified	446	7.9	438	7.2	384	5.7	386	5.2	.5
ANTIPSYCHOTICS	184	3.3	176	2.9	186	2.7	185	2.5	-.5
Chlorpromazine	39	.7	31	.5	36	.5	36	.5	.0
Thioridazine	62	1.1	68	1.1	57	.8	62	.8	8.8
Haloperidol	19	.3	18	.3	17	.3	14	.2	-17.6
Trifluoperazine	7	.1	6	.1	11	.2	4	.1	-63.6
Other/unspecified	57	1.0	53	.9	65	1.0	69	.9	6.2
BARBITURATE SEDATIVES	327	5.8	358	5.9	349	5.2	324	4.3	-7.2
Phenobarbital	124	2.2	146	2.4	139	2.1	143	1.9	2.9
Secobarbital/Amobarbital	-	-	-	-	-	-	-	-	...
Secobarbital	59	1.0	59	1.0	54	.8	53	.7	-1.9
Pentobarbital	20	.4	32	.5	32	.5	22	.3	-31.3
Other/unspecified	124	2.2	121	2.0	124	1.8	106	1.4	-14.5
AMPHETAMINES	268	4.8	255	4.2	347	5.1	577	7.7	66.3
Amphetamine	98	1.7	98	1.6	135	2.0	233	3.1	72.6
Methamphetamine/Speed	166	2.9	152	2.5	212	3.1	341	4.6	60.8
Other/unspecified	4	.1	5	.1	-	-	3	*	...
HALLUCINOGENS	132	2.3	108	1.8	144	2.1	200	2.7	38.9
PCP/PCP combinations	132	2.3	105	1.7	142	2.1	196	2.6	38.0
LSD	-	-	3	*	2	*	4	.1	...
Other/unspecified	-	-	-	-	-	-	-	-	...
OTHER DRUGS	2,138	39.1	2,231	36.6	2,651	39.2	3,016	40.3	13.8
Alcohol-in-combination	2,408	42.8	2,854	46.8	3,220	47.6	3,556	47.5	10.4
Cocaine	192	3.4	178	2.9	285	4.2	382	5.1	34.0
Marijuana/Hashish	1	*	1	*	2	*	-	-	...
Codeine combinations	66	1.2	87	1.4	86	1.3	91	1.2	5.8
Diphenhydantoin sodium	219	3.9	226	3.7	279	4.1	328	4.4	17.6
O.T.C. diet aids	-	-	-	-	-	-	-	-	...
Inhalants/Solvents/Aerosols	55	1.0	56	.9	95	1.4	119	1.6	25.3
Methylphenidate	-	-	1	*	-	-	1	*	...
All other drugs	896	15.9	994	16.3	1,210	17.9	1,232	16.5	1.8
DRUG UNKNOWN	641	11.4	429	7.0	18	.3	9	.1	-50.0
TOTAL DRUG MENTIONS	13,736	244.1	14,540	238.4	16,223	239.7	17,898	239.1	10.3
Total drug abuse episodes	5,628	100.0	6,099	100.0	6,768	100.0	7,485	100.0	10.6

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network(June 1994 data file).

MEDICAL EXAMINER DATA

Table 4.04 - Number of drug abuse deaths
by metropolitan area: 1990-1993

Metropolitan area	1990	1991	1992	1993	Percent change in numbers, 1992-1993
Atlanta, GA.....	110	113	120	145	20.8
Baltimore, MD.....	97	269	295	406	37.6
Buffalo, NY.....	23	20	32	10	-68.8
Chicago, IL.....	321	350	390	567	45.4
Cleveland, OH.....	50	55	84	95	13.1
Dallas, TX.....	100	143	194	360	85.6
Denver, CO.....	35	45	48	51	6.3
Detroit, MI.....	239	247	313	292	-6.7
Indianapolis, IN.....	13	23	11	29	163.6
Kansas City, KS/MO.....	40	60	27	35	29.6
Los Angeles, CA.....	985	924	1,094	1,083	-1.0
Miami, FL.....	86	151	141	178	26.2
Minneapolis, MN/WI.....	25	55	39	47	20.5
New Orleans, LA.....	63	53	61	62	1.6
New York, NY.....	1,540	1,439	1,397	1,465	4.9
Newark, NJ.....	117	194	178	187	5.1
Norfolk, VA.....	15	20	46	37	-19.6
Oklahoma City, OK.....	120	120	105	139	32.4
Philadelphia, NJ/PA.....	445	590	667	759	13.8
Phoenix, AZ.....	114	143	198	242	22.2
St. Louis, IL/MO.....	163	195	210	236	12.4
San Antonio, TX.....	59	63	95	69	-27.4
San Diego, CA.....	245	211	270	251	-7.0
San Francisco, CA.....	273	268	398	340	-14.6
Seattle, WA.....	127	116	143	152	6.3
Washington, DC/MD/VA.....	223	232	212	248	17.0
Total DAWN system.....	5,628	6,099	6,768	7,485	10.6

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network(June 1994 data file).

MEDICAL EXAMINER DATA

Table 4.05a - Number of mentions of selected top ranking drugs by metropolitan area: 1990-1993

COCAINE

Metropolitan area	1990	1991	1992	1993	Percent change in numbers, 1992-1993
Atlanta, GA.....	63	72	72	80	11.1
Baltimore, MD.....	35	124	174	247	42.0
Buffalo, NY.....	5	4	11	4	-63.6
Chicago, IL.....	126	163	199	291	46.2
Cleveland, OH.....	13	15	22	31	40.9
Dallas, TX.....	39	57	70	119	70.0
Denver, CO.....	6	11	15	15	.0
Detroit, MI.....	74	81	112	131	17.0
Indianapolis, IN.....	1	7	5	12	...
Kansas City, KS/MO.....	8	21	7	7	...
Los Angeles, CA.....	422	404	558	470	-15.8
Miami, FL.....	37	110	103	147	42.7
Minneapolis, MN/WI.....	2	7	4	6	...
New Orleans, LA.....	34	34	31	38	22.6
New York, NY.....	857	804	731	815	11.5
Newark, NJ.....	82	136	123	126	2.4
Norfolk, VA.....	5	9	21	22	4.8
Oklahoma City, OK.....	16	19	18	31	72.2
Philadelphia, NJ/PA.....	221	308	393	426	8.4
Phoenix, AZ.....	24	44	45	48	6.7
St. Louis, IL/MO.....	38	69	65	75	15.4
San Antonio, TX.....	17	29	61	42	-31.1
San Diego, CA.....	54	67	84	95	13.1
San Francisco, CA.....	99	113	174	138	-20.7
Seattle, WA.....	29	33	35	41	17.1
Washington, DC/MD/VA.....	101	113	87	99	13.8
Total DAWN system.....	2,408	2,854	3,220	3,556	10.4

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network(June 1994 data file).

MEDICAL EXAMINER DATA

Table 4.05b - Number of mentions of selected top ranking drugs by metropolitan area: 1990-1993

HEROIN/MORPHINE ¹

Metropolitan area	1990	1991	1992	1993	Percent change in numbers, 1992-1993
Atlanta, GA.....	10	14	13	34	161.5
Baltimore, MD.....	47	173	180	300	66.7
Buffalo, NY.....	2	4	11	5	-54.5
Chicago, IL.....	148	168	190	332	74.7
Cleveland, OH.....	6	13	22	37	68.2
Dallas, TX.....	23	13	21	55	161.9
Denver, CO.....	1	13	13	17	30.8
Detroit, MI.....	81	80	100	108	8.0
Indianapolis, IN.....	3	5	2	7	...
Kansas City, KS/MO.....	4	8	-	3	...
Los Angeles, CA.....	409	317	457	534	16.8
Miami, FL.....	9	14	25	28	12.0
Minneapolis, MN/WI.....	6	12	7	9	...
New Orleans, LA.....	3	3	7	18	...
New York, NY.....	557	581	679	793	16.8
Newark, NJ.....	19	67	81	105	29.6
Norfolk, VA.....	5	9	18	23	27.8
Oklahoma City, OK.....	6	2	5	9	...
Philadelphia, NJ/PA.....	120	239	298	412	38.3
Phoenix, AZ.....	39	41	73	66	-9.6
St. Louis, IL/MO.....	22	48	41	34	-17.1
San Antonio, TX.....	27	17	23	30	30.4
San Diego, CA.....	121	108	161	136	-15.5
San Francisco, CA.....	99	82	152	171	12.5
Seattle, WA.....	49	47	66	99	50.0
Washington, DC/MD/VA.....	102	123	85	105	23.5
Total DAWN system	1,918	2,201	2,730	3,470	27.1

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network(June 1994 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1990-1993

Selected demographic characteristics and drug groups	1990		1991		1992		1993		Percent change in numbers, 1992-1993
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
ATLANTA, GA									
Total drug abuse episodes	110	100.0	113	100.0	120	100.0	145	100.0	20.8
SEX									
Male.....	82	74.5	82	72.6	95	79.2	107	73.8	12.6
Female.....	28	25.5	31	27.4	25	20.8	37	25.5	48.0
Unknown/no response	-	-	-	-	-	-	1	.7	...
RACE/ETHNICITY									
White.....	50	45.5	34	30.1	53	44.2	64	44.1	20.8
Black.....	60	54.5	45	39.8	64	53.3	80	55.2	25.0
Hispanic.....	-	-	1	.9	1	.8	-	-	...
Other.....	-	-	-	-	1	.8	-	-	...
Unknown/no response	-	-	33	29.2	1	.8	1	.7	...
AGE									
6 to 17 years	-	-	-	-	2	1.7	1	.7	...
18 to 25 years	12	10.9	12	10.6	13	10.8	17	11.7	30.8
26 to 34 years	28	25.5	36	31.9	26	21.7	34	23.4	30.8
35 years and older	70	63.6	64	56.6	79	65.8	90	62.1	13.9
Unknown/no response	-	-	1	.9	-	-	3	2.1	...
SELECTED DRUGS									
Alcohol-in-comb.	46	41.8	45	39.8	59	49.2	61	42.1	3.4
Amitriptyline	4	3.6	7	6.2	4	3.3	2	1.4	...
Cocaine	63	57.3	72	63.7	72	60.0	80	55.2	11.1
Codeine	1	.9	4	3.5	8	6.7	7	4.8	...
d-Propoxyphene	1	.9	2	1.8	2	1.7	5	3.4	...
Diazepam	2	1.8	8	7.1	8	6.7	6	4.1	...
Diphenhydramine	2	1.8	4	3.5	3	2.5	10	6.9	...
Heroin/Morphine ¹	10	9.1	14	12.4	13	10.8	34	23.4	161.5
Marijuana/Hashish	13	11.8	7	6.2	13	10.8	19	13.1	46.2
Methadone	1	.9	6	5.3	1	.8	3	2.1	...
Methamphetamine/Speed	2	1.8	-	-	-	-	1	.7	...
PCP/PCP combinations	-	-	-	-	-	-	-	-	...
All other drugs	61	55.5	58	51.3	82	68.3	88	60.7	7.3
TOTAL DRUG MENTIONS	206	187.3	227	200.9	265	220.8	316	217.9	19.2
BALTIMORE, MD									
Total drug abuse episodes	97	100.0	269	100.0	295	100.0	406	100.0	37.6
SEX									
Male.....	76	78.4	210	78.1	239	81.0	332	81.8	38.9
Female.....	21	21.6	59	21.9	56	19.0	74	18.2	32.1
Unknown/no response	-	-	-	-	-	-	-	-	-
RACE/ETHNICITY									
White.....	51	52.6	105	39.0	119	40.3	154	37.9	29.4
Black.....	45	46.4	163	60.6	174	59.0	249	61.3	43.1
Hispanic.....	-	-	-	-	1	.3	2	.5	...
Other.....	1	1.0	-	-	-	-	-	-	-
Unknown/no response	-	-	1	.4	1	.3	1	.2	...
AGE									
6 to 17 years	1	1.0	4	1.5	2	.7	4	1.0	...
18 to 25 years	12	12.4	28	10.4	26	8.8	28	6.9	7.7
26 to 34 years	30	30.9	105	39.0	101	34.2	136	33.5	34.7
35 years and older	53	54.6	128	47.6	162	54.9	233	57.4	43.8
Unknown/no response	1	1.0	4	1.5	4	1.4	5	1.2	...
SELECTED DRUGS									
Alcohol-in-comb.	41	42.3	126	46.8	135	45.8	181	44.6	34.1
Amitriptyline	5	5.2	15	5.6	14	4.7	21	5.2	50.0
Cocaine	35	36.1	124	46.1	174	59.0	247	60.8	42.0
Codeine	12	12.4	48	17.8	28	9.5	39	9.6	39.3
d-Propoxyphene	4	4.1	14	5.2	15	5.1	13	3.2	-13.3
Diazepam	6	6.2	13	4.8	14	4.7	12	3.0	-14.3
Diphenhydramine	7	7.2	15	5.6	18	6.1	19	4.7	5.6
Heroin/Morphine ¹	47	48.5	173	64.3	180	61.0	300	73.9	66.7
Marijuana/Hashish	1	1.0	-	-	-	-	-	-	-
Methadone	5	5.2	12	4.5	18	6.1	13	3.2	-27.8
Methamphetamine/Speed	-	-	-	-	-	-	-	-	-
PCP/PCP combinations	5	5.2	8	3.0	15	5.1	31	7.6	106.7
All other drugs	126	129.9	319	118.6	364	123.4	389	95.8	6.9
TOTAL DRUG MENTIONS	294	303.1	867	322.3	975	330.5	1,265	311.6	29.7

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network(June 1994 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1990-1993

Selected demographic characteristics and drug groups	1990		1991		1992		1993		Percent change in numbers, 1992-1993
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
BUFFALO, NY									
Total drug abuse episodes	23	100.0	20	100.0	32	100.0	10	100.0	-68.8
SEX									
Male.....	14	60.9	13	65.0	21	65.6	8	80.0	-61.9
Female.....	9	39.1	7	35.0	10	31.3	2	20.0	-80.0
Unknown/no response	-	-	-	-	1	3.1	-	-	...
RACE/ETHNICITY									
White.....	18	78.3	13	65.0	24	75.0	6	60.0	-75.0
Black.....	5	21.7	7	35.0	7	21.9	4	40.0	...
Hispanic.....	-	-	-	-	1	3.1	-	-	...
Other.....	-	-	-	-	-	-	-	-	...
Unknown/no response	-	-	-	-	-	-	-	-	-
AGE									
6 to 17 years	-	-	-	-	-	-	-	-	-
18 to 25 years	1	4.3	3	15.0	1	3.1	-	-	...
26 to 34 years	8	34.8	4	20.0	9	28.1	5	50.0	...
35 years and older	14	60.9	13	65.0	22	68.8	5	50.0	-77.3
Unknown/no response	-	-	-	-	-	-	-	-	-
SELECTED DRUGS									
Alcohol-in-comb.	7	30.4	7	35.0	7	21.9	7	70.0	...
Amitriptyline	4	17.4	1	5.0	6	18.8	-	-	...
Cocaine	5	21.7	4	20.0	11	34.4	4	40.0	-63.6
Codeine	2	8.7	5	25.0	6	18.8	3	30.0	...
d-Propoxyphene	6	26.1	3	15.0	5	15.6	-	-	...
Diazepam	4	17.4	2	10.0	6	18.8	1	10.0	...
Diphenhydramine	-	-	2	10.0	1	3.1	-	-	...
Heroin/Morphine ¹	2	8.7	4	20.0	11	34.4	5	50.0	-54.5
Marijuana/Hashish	-	-	-	-	-	-	-	-	...
Methadone	-	-	-	-	1	3.1	-	-	...
Methamphetamine/Speed	-	-	-	-	-	-	-	-	...
PCP/PCP combinations	-	-	-	-	-	-	-	-	...
All other drugs	16	69.6	19	95.0	28	87.5	12	120.0	-57.1
TOTAL DRUG MENTIONS	46	200.0	47	235.0	82	256.3	32	320.0	-61.0
CHICAGO, IL									
Total drug abuse episodes	321	100.0	350	100.0	390	100.0	567	100.0	45.4
SEX									
Male.....	232	72.3	245	70.0	274	70.3	416	73.4	51.8
Female.....	89	27.7	104	29.7	112	28.7	147	25.9	31.3
Unknown/no response	-	-	1	.3	4	1.0	4	.7	...
RACE/TEHNICITY									
White.....	160	49.8	163	46.6	174	44.6	262	46.2	50.6
Black.....	154	48.0	173	49.4	196	50.3	283	49.9	44.4
Hispanic.....	5	1.6	13	3.7	17	4.4	19	3.4	11.8
Other.....	1	.3	1	.3	3	.8	2	.4	...
Unknown/no response	1	.3	-	-	-	-	1	.2	...
AGE									
6 to 17 years	3	.9	2	.6	5	1.3	2	.4	...
18 to 25 years	31	9.7	49	14.0	47	12.1	59	10.4	25.5
26 to 34 years	127	39.6	115	32.9	135	34.6	165	29.1	22.2
35 years and older	159	49.5	184	52.6	203	52.1	341	60.1	68.0
Unknown/no response	1	.3	-	-	-	-	-	-	-
SELECTED DRUGS									
Alcohol-in-comb.	161	50.2	166	47.4	179	45.9	271	47.8	51.4
Amitriptyline	21	6.5	23	6.6	22	5.6	25	4.4	13.6
Cocaine	126	39.3	163	46.6	199	51.0	291	51.3	46.2
Codeine	63	19.6	70	20.0	81	20.8	163	28.7	101.2
d-Propoxyphene	10	3.1	15	4.3	13	3.3	11	1.9	-15.4
Diazepam	8	2.5	11	3.1	18	4.6	22	3.9	22.2
Diphenhydramine	8	2.5	14	4.0	11	2.8	15	2.6	36.4
Heroin/Morphine ¹	148	46.1	168	48.0	190	48.7	332	58.6	74.7
Marijuana/Hashish	1	.3	1	.3	2	.5	-	-	...
Methadone	11	3.4	10	2.9	17	4.4	7	1.2	-58.8
Methamphetamine/Speed	1	.3	-	-	-	-	-	-	...
PCP/PCP combinations	24	7.5	16	4.6	7	1.8	7	1.2	...
All other drugs	139	43.3	140	40.0	193	49.5	181	31.9	-6.2
TOTAL DRUG MENTIONS	721	224.6	797	227.7	932	239.0	1,325	233.7	42.2

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network(June 1994 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1990-1993

Selected demographic characteristics and drug groups	1990		1991		1992		1993		Percent change in numbers, 1992-1993
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
CLEVELAND, OH									
Total drug abuse episodes	50	100.0	55	100.0	84	100.0	95	100.0	13.1
SEX									
Male.....	29	58.0	37	67.3	56	66.7	65	68.4	16.1
Female.....	21	42.0	18	32.7	27	32.1	29	30.5	7.4
Unknown/no response	-	-	-	-	1	1.2	1	1.1	...
RACE/ETHNICITY									
White.....	39	78.0	31	56.4	48	57.1	55	57.9	14.6
Black.....	11	22.0	23	41.8	35	41.7	39	41.1	11.4
Hispanic.....	-	-	1	1.8	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-	-
Unknown/no response	-	-	-	-	1	1.2	1	1.1	...
AGE									
6 to 17 years	1	2.0	-	-	1	1.2	2	2.1	...
18 to 25 years	9	18.0	2	3.6	5	6.0	1	1.1	...
26 to 34 years	13	26.0	20	36.4	18	21.4	17	17.9	-5.6
35 years and older	27	54.0	33	60.0	60	71.4	75	78.9	25.0
Unknown/no response	-	-	-	-	-	-	-	-	-
SELECTED DRUGS									
Alcohol-in-comb.	9	18.0	12	21.8	26	31.0	46	48.4	76.9
Amitriptyline	7	14.0	6	10.9	5	6.0	5	5.3	...
Cocaine	13	26.0	15	27.3	22	26.2	31	32.6	40.9
Codeine	5	10.0	1	1.8	9	10.7	2	2.1	...
d-Propoxyphene	9	18.0	11	20.0	16	19.0	14	14.7	-12.5
Diazepam	11	22.0	12	21.8	9	10.7	20	21.1	...
Diphenhydramine	3	6.0	5	9.1	12	14.3	3	3.2	-75.0
Heroin/Morphine ¹	6	12.0	13	23.6	22	26.2	37	38.9	68.2
Marijuana/Hashish	1	2.0	1	1.8	-	-	-	-	-
Methadone	-	-	1	1.8	3	3.6	1	1.1	...
Methamphetamine/Speed	-	-	-	-	-	-	-	-	-
PCP/PCP combinations	-	-	-	-	1	1.2	1	1.1	...
All other drugs	39	78.0	30	54.5	49	58.3	47	49.5	-4.1
TOTAL DRUG MENTIONS	103	206.0	107	194.5	174	207.1	207	217.9	19.0
DALLAS, TX									
Total drug abuse episodes	100	100.0	143	100.0	194	100.0	360	100.0	85.6
SEX									
Male.....	72	72.0	92	64.3	136	70.1	254	70.6	86.8
Female.....	28	28.0	51	35.7	58	29.9	106	29.4	82.8
Unknown/no response	-	-	-	-	-	-	-	-	-
RACE/ETHNICITY									
White.....	65	65.0	114	79.7	141	72.7	233	64.7	65.2
Black.....	23	23.0	21	14.7	36	18.6	93	25.8	158.3
Hispanic.....	10	10.0	7	4.9	15	7.7	28	7.8	86.7
Other.....	1	1.0	1	.7	2	1.0	3	.8	...
Unknown/no response	1	1.0	-	-	-	-	3	.8	...
AGE									
6 to 17 years	3	3.0	4	2.8	2	1.0	8	2.2	...
18 to 25 years	13	13.0	14	9.8	18	9.3	39	10.8	116.7
26 to 34 years	38	38.0	47	32.9	53	27.3	88	24.4	66.0
35 years and older	46	46.0	78	54.5	121	62.4	225	62.5	86.0
Unknown/no response	-	-	-	-	-	-	-	-	-
SELECTED DRUGS									
Alcohol-in-comb.	51	51.0	52	36.4	78	40.2	154	42.8	97.4
Amitriptyline	5	5.0	18	12.6	20	10.3	29	8.1	45.0
Cocaine	39	39.0	57	39.9	70	36.1	119	33.1	70.0
Codeine	6	6.0	5	3.5	9	4.6	26	7.2	...
d-Propoxyphene	4	4.0	11	7.7	23	11.9	21	5.8	-8.7
Diazepam	10	10.0	14	9.8	41	21.1	56	15.6	36.6
Diphenhydramine	21	21.0	25	17.5	39	20.1	73	20.3	87.2
Heroin/Morphine ¹	23	23.0	13	9.1	21	10.8	55	15.3	161.9
Marijuana/Hashish	-	-	-	-	3	1.5	78	21.7	...
Methadone	3	3.0	2	1.4	2	1.0	2	.6	...
Methamphetamine/Speed	3	3.0	2	1.4	7	3.6	5	1.4	...
PCP/PCP combinations	-	-	-	-	1	.5	2	.6	...
All other drugs	65	65.0	138	96.5	190	97.9	312	86.7	64.2
TOTAL DRUG MENTIONS	230	230.0	337	235.7	504	259.8	932	258.9	84.9

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network(June 1994 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1990-1993

Selected demographic characteristics and drug groups	1990		1991		1992		1993		Percent change in numbers, 1992-1993
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
DENVER, CO									
Total drug abuse episodes	35	100.0	45	100.0	48	100.0	51	100.0	6.3
SEX									
Male.....	21	60.0	27	60.0	29	60.4	34	66.7	17.2
Female.....	14	40.0	17	37.8	17	35.4	16	31.4	-5.9
Unknown/no response	-	-	1	2.2	2	4.2	1	2.0	...
RACE/ETHNICITY									
White.....	29	82.9	32	71.1	34	70.8	32	62.7	-5.9
Black.....	-	-	3	6.7	4	8.3	5	9.8	...
Hispanic.....	5	14.3	8	17.8	9	18.8	13	25.5	...
Other.....	1	2.9	2	4.4	1	2.1	1	2.0	...
Unknown/no response	-	-	-	-	-	-	-	-	-
AGE									
6 to 17 years	-	-	3	6.7	2	4.2	-	-	...
18 to 25 years	-	-	3	6.7	4	8.3	6	11.8	...
26 to 34 years	13	37.1	9	20.0	11	22.9	16	31.4	45.5
35 years and older	21	60.0	29	64.4	30	62.5	29	56.9	-3.3
Unknown/no response	1	2.9	1	2.2	1	2.1	-	-	...
SELECTED DRUGS									
Alcohol-in-comb.	15	42.9	25	55.6	21	43.8	21	41.2	.0
Amitriptyline	4	11.4	1	2.2	4	8.3	3	5.9	...
Cocaine	6	17.1	11	24.4	15	31.3	15	29.4	.0
Codeine	2	5.7	3	6.7	-	-	-	-	-
d-Propoxyphene	4	11.4	5	11.1	1	2.1	3	5.9	...
Diazepam	3	8.6	6	13.3	4	8.3	2	3.9	...
Diphenhydramine	1	2.9	1	2.2	-	-	-	-	-
Heroin/Morphine	1	2.9	13	28.9	13	27.1	17	33.3	30.8
Marijuana/Hashish	-	-	-	-	1	2.1	4	7.8	...
Methadone	6	17.1	-	-	4	8.3	5	9.8	...
Methamphetamine/Speed	-	-	-	-	1	2.1	2	3.9	...
PCP/PCP combinations	-	-	-	-	-	-	-	-	-
All other drugs	22	62.9	19	42.2	20	41.7	24	47.1	20.0
TOTAL DRUG MENTIONS	64	182.9	84	186.7	84	175.0	96	188.2	14.3
DETROIT, MI									
Total drug abuse episodes	239	100.0	247	100.0	313	100.0	292	100.0	-6.7
SEX									
Male.....	154	64.4	164	66.4	216	69.0	193	66.1	-10.6
Female.....	83	34.7	82	33.2	96	30.7	98	33.6	2.1
Unknown/no response	2	.8	1	.4	1	.3	1	.3	...
RACE/ETHNICITY									
White.....	150	62.8	154	62.3	201	64.2	172	58.9	-14.4
Black.....	89	37.2	89	36.0	111	35.5	118	40.4	6.3
Hispanic.....	-	-	1	.4	1	.3	2	.7	...
Other.....	-	-	3	1.2	-	-	-	-	-
Unknown/no response	-	-	-	-	-	-	-	-	-
AGE									
6 to 17 years	2	.8	4	1.6	6	1.9	3	1.0	...
18 to 25 years	24	10.0	23	9.3	20	6.4	20	6.8	.0
26 to 34 years	77	32.2	75	30.4	82	26.2	80	27.4	-2.4
35 years and older	136	56.9	145	58.7	205	65.5	188	64.4	-8.3
Unknown/no response	-	-	-	-	-	-	1	.3	...
SELECTED DRUGS									
Alcohol-in-comb.	84	35.1	87	35.2	118	37.7	124	42.5	5.1
Amitriptyline	11	4.6	16	6.5	32	10.2	14	4.8	-56.3
Cocaine	74	31.0	81	32.8	112	35.8	131	44.9	17.0
Codeine	36	15.1	38	15.4	37	11.8	29	9.9	-21.6
d-Propoxyphene	11	4.6	23	9.3	30	9.6	20	6.8	-33.3
Diazepam	17	7.1	40	16.2	41	13.1	26	8.9	-36.6
Diphenhydramine	7	2.9	11	4.5	18	5.8	18	6.2	.0
Heroin/Morphine	81	33.9	80	32.4	100	31.9	108	37.0	8.0
Marijuana/Hashish	31	13.0	40	16.2	52	16.6	40	13.7	-23.1
Methadone	25	10.5	20	8.1	34	10.9	28	9.6	-17.6
Methamphetamine/Speed	-	-	-	-	-	-	-	-	-
PCP/PCP combinations	-	-	-	-	1	.3	-	-	...
All other drugs	207	86.6	195	78.9	274	87.5	193	66.1	-29.6
TOTAL DRUG MENTIONS	584	244.4	631	255.5	849	271.2	731	250.3	-13.9

1 Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network(June 1994 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1990-1993

Selected demographic characteristics and drug groups	1990		1991		1992		1993		Percent change in numbers, 1992-1993
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
INDIANAPOLIS, IN									
Total drug abuse episodes	13	100.0	23	100.0	11	100.0	29	100.0	163.6
SEX									
Male.....	4	30.8	10	43.5	7	63.6	20	69.0	...
Female.....	9	69.2	13	56.5	4	36.4	9	31.0	...
Unknown/no response	-	-	-	-	-	-	-	-	-
RACE/ETHNICITY									
White.....	12	92.3	12	52.2	6	54.5	18	62.1	...
Black.....	1	7.7	10	43.5	4	36.4	11	37.9	...
Hispanic.....	-	-	-	-	-	-	-	-	-
Other.....	-	-	1	4.3	1	9.1	-	-	...
Unknown/no response	-	-	-	-	-	-	-	-	-
AGE									
6 to 17 years	1	7.7	-	-	-	-	2	6.9	...
18 to 25 years	-	-	2	8.7	-	-	-	-	-
26 to 34 years	4	30.8	8	34.8	5	45.5	2	6.9	...
35 years and older	8	61.5	13	56.5	6	54.5	25	86.2	...
Unknown/no response	-	-	-	-	-	-	-	-	-
SELECTED DRUGS									
Alcohol-in-comb.	4	30.8	6	26.1	4	36.4	15	51.7	...
Amitriptyline	1	7.7	5	21.7	-	-	3	10.3	...
Cocaine	1	7.7	7	30.4	5	45.5	12	41.4	...
Codeine	-	-	5	21.7	2	18.2	3	10.3	...
d-Propoxyphene	4	30.8	4	17.4	4	36.4	6	20.7	...
Diazepam	3	23.1	3	13.0	2	18.2	1	3.4	...
Diphenhydramine	-	-	1	4.3	-	-	1	3.4	...
Heroin/Morphine ¹	3	23.1	5	21.7	2	18.2	7	24.1	...
Marijuana/Hashish	-	-	-	-	-	-	-	-	-
Methadone	-	-	-	-	-	-	1	3.4	...
Methamphetamine/Speed	-	-	-	-	-	-	-	-	-
PCP/PCP combinations	-	-	-	-	-	-	-	-	-
All other drugs	18	138.5	25	108.7	4	36.4	24	82.8	...
TOTAL DRUG MENTIONS	34	261.5	61	265.2	23	209.1	73	251.7	217.4
KANSAS CITY, KS/MO									
Total drug abuse episodes	40	100.0	60	100.0	27	100.0	35	100.0	29.6
SEX									
Male.....	35	87.5	43	71.7	14	51.9	19	54.3	35.7
Female.....	5	12.5	16	26.7	12	44.4	16	45.7	33.3
Unknown/no response	-	-	1	1.7	1	3.7	-	-	...
RACE/ETHNICITY									
White.....	30	75.0	48	80.0	21	77.8	27	77.1	28.6
Black.....	10	25.0	10	16.7	6	22.2	8	22.9	...
Hispanic.....	-	-	-	-	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-	-
Unknown/no response	-	-	2	3.3	-	-	-	-	-
AGE									
6 to 17 years	-	-	1	1.7	1	3.7	2	5.7	...
18 to 25 years	4	10.0	3	5.0	4	14.8	6	17.1	...
26 to 34 years	19	47.5	18	30.0	7	25.9	10	28.6	...
35 years and older	17	42.5	37	61.7	15	55.6	17	48.6	13.3
Unknown/no response	-	-	1	1.7	-	-	-	-	-
SELECTED DRUGS									
Alcohol-in-comb.	23	57.5	22	36.7	8	29.6	11	31.4	...
Amitriptyline	3	7.5	13	21.7	2	7.4	4	11.4	...
Cocaine	8	20.0	21	35.0	7	25.9	7	20.0	...
Codeine	1	2.5	2	3.3	-	-	1	2.9	...
d-Propoxyphene	1	2.5	3	5.0	1	3.7	2	5.7	...
Diazepam	1	2.5	2	3.3	-	-	1	2.9	...
Diphenhydramine	-	-	1	1.7	-	-	-	-	-
Heroin/Morphine ¹	4	10.0	8	13.3	-	-	3	8.6	...
Marijuana/Hashish	12	30.0	7	11.7	4	14.8	3	8.6	...
Methadone	-	-	4	6.7	-	-	-	-	-
Methamphetamine/Speed	-	-	-	-	-	-	-	-	-
PCP/PCP combinations	2	5.0	1	1.7	1	3.7	2	5.7	...
All other drugs	35	87.5	48	80.0	27	100.0	42	120.0	55.6
TOTAL DRUG MENTIONS	90	225.0	132	220.0	50	185.2	76	217.1	52.0

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (June 1994 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1990-1993

Selected demographic characteristics and drug groups	1990		1991		1992		1993		Percent change in numbers, 1992-1993
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
LOS ANGELES, CA									
Total drug abuse episodes	985	100.0	924	100.0	1,094	100.0	1,083	100.0	-1.0
SEX									
Male.....	738	74.9	646	69.9	811	74.1	837	77.3	3.2
Female.....	247	25.1	276	29.9	283	25.9	246	22.7	-13.1
Unknown/no response	-	-	2	.2	-	-	-	-	-
RACE/ETHNICITY									
White.....	558	56.6	534	57.8	533	48.7	536	49.5	.6
Black.....	199	20.2	180	19.5	246	22.5	192	17.7	-22.0
Hispanic.....	206	20.9	190	20.6	295	27.0	331	30.6	12.2
Other.....	16	1.6	13	1.4	18	1.6	23	2.1	27.8
Unknown/no response	6	.6	7	.8	2	.2	1	.1	...
AGE									
6 to 17 years	5	.5	9	1.0	7	.6	6	.6	...
18 to 25 years	109	11.1	102	11.0	101	9.2	103	9.5	2.0
26 to 34 years	305	31.0	250	27.1	294	26.9	275	25.4	-6.5
35 years and older	564	57.3	555	60.1	692	63.3	699	64.5	1.0
Unknown/no response	2	.2	8	.9	-	-	-	-	-
SELECTED DRUGS									
Alcohol-in-comb.	348	35.3	345	37.3	455	41.6	430	39.7	-5.5
Amitriptyline	61	6.2	85	9.2	65	5.9	51	4.7	-21.5
Cocaine	422	42.8	404	43.7	558	51.0	470	43.4	-15.8
Codeine	213	21.6	176	19.0	212	19.4	167	15.4	-21.2
d-Propoxyphene	51	5.2	43	4.7	53	4.8	31	2.9	-41.5
Diazepam	42	4.3	49	5.3	72	6.6	52	4.8	-27.8
Diphenhydramine	35	3.6	36	3.9	51	4.7	41	3.8	-19.6
Heroin/Morphine ¹	409	41.5	317	34.3	457	41.8	534	49.3	16.8
Marijuana/Hashish	2	.2	1	.1	1	.1	1	.1	...
Methadone	17	1.7	28	3.0	35	3.2	27	2.5	-22.9
Methamphetamine/Speed	58	5.9	63	6.8	55	5.0	126	11.6	129.1
PCP/PCP combinations	45	4.6	40	4.3	65	5.9	68	6.3	4.6
All other drugs	584	59.3	625	67.6	741	67.7	693	64.0	-6.5
TOTAL DRUG MENTIONS	2,287	232.2	2,212	239.4	2,820	257.8	2,691	248.5	-4.6
MIAMI, FL									
Total drug abuse episodes	86	100.0	151	100.0	141	100.0	178	100.0	26.2
SEX									
Male.....	46	53.5	110	72.8	109	77.3	137	77.0	25.7
Female.....	40	46.5	41	27.2	32	22.7	41	23.0	28.1
Unknown/no response	-	-	-	-	-	-	-	-	-
RACE/ETHNICITY									
White.....	49	57.0	73	48.3	66	46.8	79	44.4	19.7
Black.....	16	18.6	36	23.8	40	28.4	64	36.0	60.0
Hispanic.....	19	22.1	37	24.5	35	24.8	35	19.7	.0
Other.....	-	-	2	1.3	-	-	-	-	-
Unknown/no response	2	2.3	3	2.0	-	-	-	-	-
AGE									
6 to 17 years	2	2.3	1	.7	1	.7	2	1.1	...
18 to 25 years	6	7.0	14	9.3	12	8.5	15	8.4	25.0
26 to 34 years	19	22.1	47	31.1	44	31.2	36	20.2	-18.2
35 years and older	58	67.4	89	58.9	84	59.6	124	69.7	47.6
Unknown/no response	1	1.2	-	-	-	-	1	.6	...
SELECTED DRUGS									
Alcohol-in-comb.	24	27.9	47	31.1	48	34.0	64	36.0	33.3
Amitriptyline	7	8.1	4	2.6	8	5.7	5	2.8	...
Cocaine	37	43.0	110	72.8	103	73.0	147	82.6	42.7
Codeine	8	9.3	7	4.6	18	12.8	13	7.3	-27.8
d-Propoxyphene	5	5.8	6	4.0	7	5.0	8	4.5	...
Diazepam	18	20.9	20	13.2	18	12.8	12	6.7	-33.3
Diphenhydramine	5	5.8	9	6.0	9	6.4	6	3.4	...
Heroin/Morphine ¹	9	10.5	14	9.3	25	17.7	28	15.7	12.0
Marijuana/Hashish	-	-	3	2.0	2	1.4	1	.6	...
Methadone	3	3.5	3	2.0	4	2.8	1	.6	...
Methamphetamine/Speed	-	-	-	-	-	-	-	-	-
PCP/PCP combinations	-	-	-	-	-	-	-	-	-
All other drugs	135	157.0	184	121.9	175	124.1	152	85.4	-13.1
TOTAL DRUG MENTIONS	251	291.9	407	269.5	417	295.7	437	245.5	4.8

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network(June 1994 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1990-1993

Selected demographic characteristics and drug groups	1990		1991		1992		1993		Percent change in numbers, 1992-1993
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
MINNEAPOLIS, MN/WI									
Total drug abuse episodes	25	100.0	55	100.0	39	100.0	47	100.0	20.5
SEX									
Male.....	15	60.0	29	52.7	21	53.8	29	61.7	38.1
Female.....	10	40.0	26	47.3	17	43.6	18	38.3	5.9
Unknown/no response	-	-	-	-	1	2.6	-	-	...
RACE/ETHNICITY									
White.....	23	92.0	50	90.9	35	89.7	39	83.0	11.4
Black.....	1	4.0	5	9.1	3	7.7	2	4.3	...
Hispanic.....	-	-	-	-	-	-	-	-	-
Other.....	1	4.0	-	-	-	-	3	6.4	...
Unknown/no response	-	-	-	-	1	2.6	3	6.4	...
AGE									
6 to 17 years	-	-	-	-	2	5.1	2	4.3	...
18 to 25 years	4	16.0	2	3.6	3	7.7	5	10.6	...
26 to 34 years	3	12.0	17	30.9	5	12.8	12	25.5	...
35 years and older	18	72.0	36	65.5	28	71.8	28	59.6	.0
Unknown/no response	-	-	-	-	1	2.6	-	-	...
SELECTED DRUGS									
Alcohol-in-comb.	8	32.0	15	27.3	8	20.5	11	23.4	...
Amitriptyline	2	8.0	11	20.0	5	12.8	3	6.4	...
Cocaine	2	8.0	7	12.7	4	10.3	6	12.8	...
Codeine	3	12.0	3	5.5	-	-	1	2.1	...
d-Propoxyphene	-	-	4	7.3	2	5.1	4	8.5	...
Diazepam	2	8.0	-	-	1	2.6	-	-	...
Diphenhydramine	-	-	5	9.1	2	5.1	3	6.4	...
Heroin/Morphine ¹	6	24.0	12	21.8	7	17.9	9	19.1	...
Marijuana/Hashish	2	8.0	2	3.6	3	7.7	5	10.6	...
Methadone	-	-	1	1.8	1	2.6	2	4.3	...
Methamphetamine/Speed	1	4.0	-	-	-	-	-	-	-
PCP/PCP combinations	-	-	-	-	-	-	-	-	-
All other drugs	36	144.0	42	76.4	35	89.7	49	104.3	40.0
TOTAL DRUG MENTIONS	62	248.0	102	185.5	68	174.4	93	197.9	36.8
NEW ORLEANS, LA									
Total drug abuse episodes	63	100.0	53	100.0	61	100.0	62	100.0	1.6
SEX									
Male.....	47	74.6	44	83.0	46	75.4	45	72.6	-2.2
Female.....	13	20.6	8	15.1	14	23.0	16	25.8	14.3
Unknown/no response	3	4.8	1	1.9	1	1.6	1	1.6	...
RACE/ETHNICITY									
White.....	30	47.6	30	56.6	30	49.2	36	58.1	20.0
Black.....	33	52.4	23	43.4	29	47.5	25	40.3	-13.8
Hispanic.....	-	-	-	-	-	-	-	-	-
Other.....	-	-	-	-	-	-	1	1.6	...
Unknown/no response	-	-	-	-	2	3.3	-	-	...
AGE									
6 to 17 years	4	6.3	1	1.9	2	3.3	-	-	...
18 to 25 years	5	7.9	12	22.6	4	6.6	7	11.3	...
26 to 34 years	26	41.3	12	22.6	22	36.1	16	25.8	-27.3
35 years and older	27	42.9	27	50.9	31	50.8	37	59.7	19.4
Unknown/no response	1	1.6	1	1.9	2	3.3	2	3.2	...
SELECTED DRUGS									
Alcohol-in-comb.	25	39.7	19	35.8	22	36.1	27	43.5	22.7
Amitriptyline	3	4.8	2	3.8	1	1.6	-	-	-
Cocaine	34	54.0	34	64.2	31	50.8	38	61.3	22.6
Codeine	2	3.2	-	-	-	-	3	4.8	...
d-Propoxyphene	3	4.8	2	3.8	11	18.0	4	6.5	-63.6
Diazepam	2	3.2	1	1.9	1	1.6	-	-	...
Diphenhydramine	2	3.2	2	3.8	4	6.6	2	3.2	...
Heroin/Morphine ¹	3	4.8	3	5.7	7	11.5	18	29.0	...
Marijuana/Hashish	5	7.9	1	1.9	4	6.6	3	4.8	...
Methadone	3	4.8	5	9.4	2	3.3	2	3.2	...
Methamphetamine/Speed	-	-	-	-	-	-	-	-	-
PCP/PCP combinations	4	6.3	1	1.9	4	6.6	1	1.6	...
All other drugs	37	58.7	37	69.8	28	45.9	30	48.4	7.1
TOTAL DRUG MENTIONS	123	195.2	107	201.9	115	188.5	128	206.5	11.3

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network(June 1994 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1990-1993

Selected demographic characteristics and drug groups	1990		1991		1992		1993		Percent change in numbers, 1992-1993
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
NEW YORK, NY									
Total drug abuse episodes	1,540	100.0	1,439	100.0	1,397	100.0	1,465	100.0	4.9
SEX									
Male.....	1,085	70.5	1,063	73.9	1,102	78.9	1,173	80.1	6.4
Female.....	455	29.5	375	26.1	278	19.9	285	19.5	2.5
Unknown/no response	-	-	1	.1	17	1.2	7	.5	-58.8
RACE/ETHNICITY									
White.....	472	30.6	508	35.3	543	38.9	592	40.4	9.0
Black.....	525	34.1	520	36.1	468	33.5	471	32.2	.6
Hispanic.....	523	34.0	386	26.8	369	26.4	377	25.7	2.2
Other.....	18	1.2	15	1.0	11	.8	12	.8	9.1
Unknown/no response	2	.1	10	.7	6	.4	13	.9	...
AGE									
6 to 17 years	2	.1	6	.4	10	.7	9	.6	-10.0
18 to 25 years	151	9.8	149	10.4	127	9.1	142	9.7	11.8
26 to 34 years	507	32.9	478	33.2	409	29.3	414	28.3	1.2
35 years and older	877	56.9	800	55.6	850	60.8	898	61.3	5.6
Unknown/no response	3	.2	6	.4	1	.1	2	.1	...
SELECTED DRUGS									
Alcohol-in-comb.	615	39.9	507	35.2	549	39.3	577	39.4	5.1
Amitriptyline	100	6.5	85	5.9	40	2.9	28	1.9	-30.0
Cocaine	857	55.6	804	55.9	731	52.3	815	55.6	11.5
Codeine	31	2.0	12	.8	51	3.7	26	1.8	-49.0
d-Propoxyphene	47	3.1	25	1.7	23	1.6	3	.2	-87.0
Diazepam	178	11.6	122	8.5	31	2.2	23	1.6	-25.8
Diphenhydramine	60	3.9	28	1.9	22	1.6	10	.7	-54.5
Heroin/Morphine ¹	557	36.2	581	40.4	679	48.6	793	54.1	16.8
Marijuana/Hashish	84	5.5	72	5.0	127	9.1	154	10.5	21.3
Methadone	277	18.0	230	16.0	197	14.1	237	16.2	20.3
Methamphetamine/Speed	-	-	-	-	1	.1	1	.1	...
PCP/PCP combinations	20	1.3	5	.3	6	.4	7	.5	...
All other drugs	1,423	92.4	952	66.2	385	27.6	328	22.4	-14.8
TOTAL DRUG MENTIONS	4,249	275.9	3,423	237.9	2,842	203.4	3,002	204.9	5.6
NEWARK, NJ									
Total drug abuse episodes	117	100.0	194	100.0	178	100.0	187	100.0	5.1
SEX									
Male.....	90	76.9	148	76.3	144	80.9	145	77.5	.7
Female.....	27	23.1	45	23.2	34	19.1	42	22.5	23.5
Unknown/no response	-	-	1	.5	-	-	-	-	-
RACE/ETHNICITY									
White.....	43	36.8	71	36.6	74	41.6	60	32.1	-18.9
Black.....	64	54.7	110	56.7	82	46.1	103	55.1	25.6
Hispanic.....	9	7.7	12	6.2	20	11.2	22	11.8	10.0
Other.....	-	-	-	-	-	-	1	.5	...
Unknown/no response	1	.9	1	.5	2	1.1	1	.5	...
AGE									
6 to 17 years	5	4.3	3	1.5	1	.6	1	.5	...
18 to 25 years	17	14.5	32	16.5	20	11.2	19	10.2	-5.0
26 to 34 years	44	37.6	68	35.1	63	35.4	59	31.6	-6.3
35 years and older	49	41.9	90	46.4	92	51.7	102	54.5	10.9
Unknown/no response	2	1.7	1	.5	2	1.1	6	3.2	...
SELECTED DRUGS									
Alcohol-in-comb.	57	48.7	86	44.3	84	47.2	83	44.4	-1.2
Amitriptyline	3	2.6	6	3.1	7	3.9	8	4.3	...
Cocaine	82	70.1	136	70.1	123	69.1	126	67.4	2.4
Codeine	36	30.8	61	31.4	16	9.0	17	9.1	6.3
d-Propoxyphene	-	-	4	2.1	4	2.2	4	2.1	...
Diazepam	20	17.1	14	7.2	21	11.8	7	3.7	-66.7
Diphenhydramine	-	-	1	.5	-	-	-	-	-
Heroin/Morphine ¹	19	16.2	67	34.5	81	45.5	105	56.1	29.6
Marijuana/Hashish	3	2.6	7	3.6	11	6.2	9	4.8	-18.2
Methadone	12	10.3	14	7.2	14	7.9	11	5.9	-21.4
Methamphetamine/Speed	-	-	-	-	-	-	-	-	-
PCP/PCP combinations	3	2.6	2	1.0	-	-	-	-	-
All other drugs	49	41.9	76	39.2	44	24.7	35	18.7	-20.5
TOTAL DRUG MENTIONS	284	242.7	474	244.3	405	227.5	405	216.6	.0

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network(June 1994 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1990-1993

Selected demographic characteristics and drug groups	1990		1991		1992		1993		Percent change in numbers, 1992-1993
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
NORFOLK, VA									
Total drug abuse episodes	15	100.0	20	100.0	46	100.0	37	100.0	-19.6
SEX									
Male.....	7	46.7	18	90.0	37	80.4	28	75.7	-24.3
Female.....	8	53.3	2	10.0	7	15.2	9	24.3	...
Unknown/no response	-	-	-	-	2	4.3	-	-	...
RACE/ETHNICITY									
White.....	12	80.0	10	50.0	34	73.9	22	59.5	-35.3
Black.....	3	20.0	10	50.0	11	23.9	15	40.5	36.4
Hispanic.....	-	-	-	-	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-	-
Unknown/no response	-	-	-	-	1	2.2	-	-	...
AGE									
6 to 17 years	-	-	-	-	1	2.2	-	-	...
18 to 25 years	-	-	2	10.0	4	8.7	2	5.4	...
26 to 34 years	11	73.3	6	30.0	5	10.9	13	35.1	...
35 years and older	4	26.7	12	60.0	36	78.3	22	59.5	-38.9
Unknown/no response	-	-	-	-	-	-	-	-	-
SELECTED DRUGS									
Alcohol-in-comb.	8	53.3	13	65.0	17	37.0	17	45.9	.0
Amitriptyline	5	33.3	-	-	2	4.3	-	-	...
Cocaine	5	33.3	9	45.0	21	45.7	22	59.5	4.8
Codeine	-	-	-	-	2	4.3	7	18.9	...
d-Propoxyphene	1	6.7	-	-	2	4.3	1	2.7	...
Diazepam	-	-	1	5.0	4	8.7	2	5.4	...
Diphenhydramine	1	6.7	2	10.0	3	6.5	-	-	...
Heroin/Morphine ¹	5	33.3	9	45.0	18	39.1	23	62.2	27.8
Marijuana/Hashish	-	-	-	-	-	-	-	-	-
Methadone	-	-	-	-	-	-	2	5.4	...
Methamphetamine/Speed	1	6.7	-	-	-	-	-	-	...
PCP/PCP combinations	-	-	-	-	-	-	-	-	...
All other drugs	11	73.3	12	60.0	29	63.0	11	29.7	-62.1
TOTAL DRUG MENTIONS	37	246.7	46	230.0	98	213.0	85	229.7	-13.3
OKLAHOMA CITY, OK									
Total drug abuse episodes	120	100.0	120	100.0	105	100.0	139	100.0	32.4
SEX									
Male.....	73	60.8	64	53.3	57	54.3	77	55.4	35.1
Female.....	47	39.2	56	46.7	48	45.7	62	44.6	29.2
Unknown/no response	-	-	-	-	-	-	-	-	-
RACE/ETHNICITY									
White.....	66	55.0	99	82.5	91	86.7	117	84.2	28.6
Black.....	6	5.0	14	11.7	8	7.6	18	12.9	...
Hispanic.....	-	-	1	.8	-	-	-	-	-
Other.....	4	3.3	6	5.0	6	5.7	2	1.4	...
Unknown/no response	44	36.7	-	-	-	-	2	1.4	...
AGE									
6 to 17 years	3	2.5	2	1.7	2	1.9	3	2.2	...
18 to 25 years	8	6.7	18	15.0	15	14.3	13	9.4	-13.3
26 to 34 years	33	27.5	30	25.0	32	30.5	26	18.7	-18.8
35 years and older	74	61.7	70	58.3	54	51.4	96	69.1	77.8
Unknown/no response	2	1.7	-	-	2	1.9	1	.7	...
SELECTED DRUGS									
Alcohol-in-comb.	31	25.8	33	27.5	30	28.6	45	32.4	50.0
Amitriptyline	17	14.2	22	18.3	16	15.2	14	10.1	-12.5
Cocaine	16	13.3	19	15.8	18	17.1	31	22.3	72.2
Codeine	10	8.3	4	3.3	3	2.9	9	6.5	...
d-Propoxyphene	8	6.7	5	4.2	5	4.8	14	10.1	...
Diazepam	18	15.0	16	13.3	13	12.4	23	16.5	76.9
Diphenhydramine	9	7.5	6	5.0	7	6.7	5	3.6	...
Heroin/Morphine ¹	6	5.0	2	1.7	5	4.8	9	6.5	...
Marijuana/Hashish	-	-	-	-	-	-	1	.7	...
Methadone	5	4.2	3	2.5	3	2.9	11	7.9	...
Methamphetamine/Speed	3	2.5	3	2.5	7	6.7	7	5.0	...
PCP/PCP combinations	-	-	1	.8	-	-	2	1.4	...
All other drugs	178	148.3	162	135.0	123	117.1	188	135.3	52.8
TOTAL DRUG MENTIONS	301	250.8	276	230.0	230	219.0	359	258.3	56.1

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network(June 1994 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1990-1993

Selected demographic characteristics and drug groups	1990		1991		1992		1993		Percent change in numbers, 1992-1993
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
PHILADELPHIA, NJ/PA									
Total drug abuse episodes	445	100.0	590	100.0	667	100.0	759	100.0	13.8
SEX									
Male.....	327	73.5	478	81.0	524	78.6	609	80.2	16.2
Female.....	116	26.1	110	18.6	138	20.7	149	19.6	8.0
Unknown/no response	2	.4	2	.3	5	.7	1	.1	...
RACE/ETHNICITY									
White.....	274	61.6	339	57.5	370	55.5	438	57.7	18.4
Black.....	141	31.7	214	36.3	254	38.1	276	36.4	8.7
Hispanic.....	25	5.6	32	5.4	37	5.5	41	5.4	10.8
Other.....	1	.2	2	.3	4	.6	2	.3	...
Unknown/no response	4	.9	3	.5	2	.3	2	.3	...
AGE									
6 to 17 years	2	.4	8	1.4	6	.9	5	.7	...
18 to 25 years	62	13.9	65	11.0	87	13.0	76	10.0	-12.6
26 to 34 years	161	36.2	207	35.1	218	32.7	196	25.8	-10.1
35 years and older	214	48.1	310	52.5	354	53.1	482	63.5	36.2
Unknown/no response	6	1.3	-	-	?	.3	-	-	...
SELECTED DRUGS									
Alcohol-in-comb.	147	33.0	192	32.5	233	34.9	271	35.7	16.3
Amitriptyline	24	5.4	21	3.6	12	1.8	37	4.9	208.3
Cocaine	221	49.7	308	52.2	393	58.9	426	56.1	8.4
Codeine	89	20.0	115	19.5	91	13.6	90	11.9	-1.1
d-Propoxyphene	41	9.2	43	7.3	43	6.4	53	7.0	23.3
Diazepam	48	10.8	90	15.3	134	20.1	105	13.8	-21.6
Diphenhydramine	13	2.9	15	2.5	12	1.8	23	3.0	91.7
Heroin/Morphine ¹	120	27.0	239	40.5	298	44.7	412	54.3	38.3
Marijuana/Hashish	19	4.3	17	2.9	15	2.2	20	2.6	33.3
Methadone	17	3.8	20	3.4	13	1.9	30	4.0	130.8
Methamphetamine/Speed	13	2.9	10	1.7	18	2.7	25	3.3	38.9
PCP/PCP combinations	12	2.7	19	3.2	17	2.5	34	4.5	100.0
ALL other drugs	356	80.0	374	63.4	381	57.1	437	57.6	14.7
TOTAL DRUG MENTIONS	1,120	251.7	1,463	248.0	1,660	248.9	1,963	258.6	18.3
PHOENIX, AZ									
Total drug abuse episodes	114	100.0	143	100.0	198	100.0	242	100.0	22.2
AGE									
Male.....	83	72.8	99	69.2	152	76.8	153	63.2	.7
Female.....	30	26.3	43	30.1	44	22.2	76	31.4	72.7
Unknown/no response	1	.9	1	.7	2	1.0	13	5.4	...
RACE/ETHNICITY									
White.....	86	75.4	126	88.1	184	92.9	157	64.9	-14.7
Black.....	7	6.1	11	7.7	9	4.5	18	7.4	...
Hispanic.....	16	14.0	1	.7	-	-	32	13.2	...
Other.....	4	3.5	2	1.4	4	2.0	3	1.2	...
Unknown/no response	1	.9	3	2.1	1	.5	32	13.2	...
AGE									
6 to 17 years	7	6.1	4	2.8	1	.5	6	2.5	...
18 to 25 years	15	13.2	12	8.4	14	7.1	20	8.3	42.9
26 to 34 years	30	26.3	55	38.5	56	28.3	63	26.0	12.5
35 years and older	61	53.5	67	46.9	125	63.1	146	60.3	16.8
Unknown/no response	1	.9	5	3.5	2	1.0	7	2.9	...
SELECTED DRUGS									
Alcohol-in-comb.	48	42.1	50	35.0	74	37.4	82	33.9	10.8
Amitriptyline	6	5.3	8	5.6	11	5.6	19	7.9	72.7
Cocaine	24	21.1	44	30.8	45	22.7	48	19.8	6.7
Codeine	3	2.6	5	3.5	6	3.0	9	3.7	...
d-Propoxyphene	6	5.3	10	7.0	9	4.5	14	5.8	...
Diazepam	6	5.3	12	8.4	11	5.6	26	10.7	136.4
Diphenhydramine	4	3.5	6	4.2	7	3.5	18	7.4	...
Heroin/Morphine ¹	39	34.2	41	28.7	73	36.9	66	27.3	-9.6
Marijuana/Hashish	-	-	-	-	-	-	-	-	-
Methadone	5	4.4	9	6.3	11	5.6	10	4.1	-9.1
Methamphetamine/Speed	10	8.8	8	5.6	16	8.1	37	15.3	131.3
PCP/PCP combinations	-	-	-	-	1	.5	2	.8	...
ALL other drugs	79	69.3	98	68.5	143	72.2	224	92.6	56.6
TOTAL DRUG MENTIONS	230	201.8	291	203.5	407	205.6	555	229.3	36.4

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network(June 1994 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1990-1993

Selected demographic characteristics and drug groups	1990		1991		1992		1993		Percent change in numbers, 1992-1993
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
ST. LOUIS, IL/MO									
Total drug abuse episodes	163	100.0	195	100.0	210	100.0	236	100.0	12.4
SEX									
Male.....	119	73.0	134	68.7	155	73.8	170	72.0	9.7
Female.....	43	26.4	55	28.2	51	24.3	66	28.0	29.4
Unknown/no response	1	.6	6	3.1	4	1.9	-	-	...
RACE/ETHNICITY									
White.....	121	74.2	123	63.1	142	67.6	165	69.9	16.2
Black.....	42	25.8	68	34.9	60	28.6	61	25.8	1.7
Hispanic.....	-	-	-	-	1	.5	-	-	...
Other.....	-	-	-	-	2	1.0	1	.4	...
Unknown/no response	-	-	4	2.1	5	2.4	9	3.8	...
AGE									
6 to 17 years	2	1.2	2	1.0	2	1.0	7	3.0	...
18 to 25 years	21	12.9	19	9.7	23	11.0	19	8.1	-17.4
26 to 34 years	50	30.7	60	30.8	51	24.3	64	27.1	25.5
35 years and older	89	54.6	112	57.4	134	63.8	146	61.9	9.0
Unknown/no response	1	.6	2	1.0	-	-	-	-	-
SELECTED DRUGS									
Alcohol-in-comb.	50	30.7	55	28.2	54	25.7	77	32.6	42.6
Amitriptyline	16	9.8	21	10.8	15	7.1	16	6.8	6.7
Cocaine	38	23.3	69	35.4	65	31.0	75	31.8	15.4
Codeine	15	9.2	19	9.7	12	5.7	14	5.9	16.7
d-Propoxyphene	19	11.7	23	11.8	18	8.6	21	8.9	16.7
Diazepam	27	16.6	52	26.7	37	17.6	46	19.5	24.3
Diphenhydramine	5	3.1	12	6.2	21	10.0	33	14.0	57.1
Heroin/Morphine ¹	22	13.5	48	24.6	41	19.5	34	14.4	-17.1
Marijuana/Hashish	15	9.2	11	5.6	23	11.0	30	12.7	30.4
Methadone	-	-	3	1.5	14	6.7	3	1.3	-78.6
Methamphetamine/Speed	-	-	2	1.0	1	.5	5	2.1	...
PCP/PCP combinations	4	2.5	2	1.0	2	1.0	4	1.7	...
All other drugs	150	92.0	203	104.1	226	107.6	214	90.7	-5.3
TOTAL DRUG MENTIONS	361	221.5	520	266.7	529	251.9	572	242.4	8.1
SAN ANTONIO, TX									
Total drug abuse episodes	59	100.0	63	100.0	95	100.0	69	100.0	-27.4
AGE									
Male.....	40	67.8	44	69.8	70	73.7	55	79.7	-21.4
Female.....	15	25.4	19	30.2	24	25.3	14	20.3	-41.7
Unknown/no response	4	6.8	-	-	1	1.1	-	-	...
RACE/ETHNICITY									
White.....	28	47.5	31	49.2	45	47.4	28	40.6	-37.8
Black.....	2	3.4	5	7.9	11	11.6	5	7.2	-54.5
Hispanic.....	29	49.2	27	42.9	39	41.1	34	49.3	-12.8
Other.....	-	-	-	-	-	-	-	-	-
Unknown/no response	-	-	-	-	-	-	2	2.9	...
AGE									
6 to 17 years	1	1.7	-	-	6	6.3	1	1.4	...
18 to 25 years	9	15.3	11	17.5	10	10.5	14	20.3	40.0
26 to 34 years	18	30.5	20	31.7	37	38.9	22	31.9	-40.5
35 years and older	31	52.5	32	50.8	42	44.2	31	44.9	-26.2
Unknown/no response	-	-	-	-	-	-	1	1.4	...
SELECTED DRUGS									
Alcohol-in-comb.	29	49.2	29	46.0	45	47.4	40	58.0	-11.1
Amitriptyline	7	11.9	7	11.1	2	2.1	1	1.4	...
Cocaine	17	28.8	29	46.0	61	64.2	42	60.9	-31.1
Codeine	24	40.7	10	15.9	2	2.1	8	11.6	...
d-Propoxyphene	3	5.1	5	7.9	9	9.5	1	1.4	...
Diazepam	7	11.9	8	12.7	11	11.6	4	5.8	-63.6
Diphenhydramine	1	1.7	2	3.2	1	1.1	1	1.4	...
Heroin/Morphine ¹	27	45.8	17	27.0	23	24.2	30	43.5	30.4
Marijuana/Hashish	1	1.7	4	6.3	9	9.5	4	5.8	...
Methadone	4	6.8	4	6.3	10	10.5	1	1.4	-90.0
Methamphetamine/Speed	1	1.7	3	4.8	3	3.2	-	-	...
PCP/PCP combinations	-	-	-	-	-	-	-	-	...
All other drugs	36	61.0	29	46.0	47	49.5	18	26.1	-61.7
TOTAL DRUG MENTIONS	157	266.1	147	233.3	223	234.7	150	217.4	-32.7

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network(June 1994 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1990-1993

Selected demographic characteristics and drug groups	1990		1991		1992		1993		Percent change in numbers, 1992-1993
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
SAN DIEGO, CA									
Total drug abuse episodes	245	100.0	211	100.0	270	100.0	251	100.0	-7.0
SEX									
Male.....	188	76.7	155	73.5	187	69.3	203	80.9	8.6
Female.....	57	23.3	56	26.5	82	30.4	47	18.7	-42.7
Unknown/no response	-	-	-	-	1	.4	1	.4	...
RACE/ETHNICITY									
White.....	170	69.4	143	67.8	194	71.9	175	69.7	-9.8
Black.....	16	6.5	25	11.8	12	4.4	20	8.0	66.7
Hispanic.....	53	21.6	34	16.1	53	19.6	51	20.3	-3.8
Other.....	6	2.4	6	2.8	11	4.1	4	1.6	-63.6
Unknown/no response	-	-	3	1.4	-	-	1	.4	...
AGE									
6 to 17 years	2	.8	4	1.9	3	1.1	1	.4	...
18 to 25 years	28	11.4	21	10.0	24	8.9	22	8.8	-8.3
26 to 34 years	88	35.9	59	28.0	88	32.6	80	31.9	-9.1
35 years and older	123	50.2	126	59.7	154	57.0	148	59.0	-3.9
Unknown/no response	4	1.6	1	.5	1	.4	-	-	...
SELECTED DRUGS									
Alcohol-in-comb.	98	40.0	77	36.5	99	36.7	94	37.5	-5.1
Amitriptyline	15	6.1	7	3.3	14	5.2	2	.8	-85.7
Cocaine	54	22.0	67	31.8	84	31.1	95	37.8	13.1
Codeine	56	22.9	67	31.8	143	53.0	122	48.6	-14.7
d-Propoxyphene	6	2.4	9	4.3	8	3.0	6	2.4	...
Diazepam	16	6.5	27	12.8	36	13.3	10	4.0	-72.2
Diphenhydramine	3	1.2	3	1.4	6	2.2	5	2.0	...
Heroin/Morphine ¹	121	49.4	108	51.2	161	59.6	136	54.2	-15.5
Marijuana/Hashish	2	.8	2	.9	-	-	-	-	-
Methadone	3	1.2	3	1.4	5	1.9	3	1.2	...
Methamphetamine/Speed	47	19.2	33	15.6	71	26.3	77	30.7	8.5
PCP/PCP combinations	-	-	1	.5	1	.4	6	2.4	...
All other drugs	138	56.3	122	57.8	177	65.6	156	62.2	-11.9
TOTAL DRUG MENTIONS	556	226.9	526	249.3	805	298.1	712	283.7	-11.6
SAN FRANCISCO, CA									
Total drug abuse episodes	273	100.0	268	100.0	398	100.0	340	100.0	-14.6
SEX									
Male.....	198	72.5	197	73.5	307	77.1	254	74.7	-17.3
Female.....	73	26.7	70	26.1	89	22.4	84	24.7	-5.6
Unknown/no response	2	.7	1	.4	2	.5	2	.6	...
RACE/ETHNICITY									
White.....	177	64.8	182	67.9	268	67.3	250	73.5	-6.7
Black.....	49	17.9	50	18.7	63	15.8	57	16.8	-9.5
Hispanic.....	30	11.0	26	9.7	48	12.1	24	7.1	-50.0
Other.....	7	2.6	10	3.7	19	4.8	8	2.4	-57.9
Unknown/no response	10	3.7	-	-	-	-	1	.3	...
AGE									
6 to 17 years	1	.4	3	1.1	-	-	-	-	-
18 to 25 years	19	7.0	26	9.7	28	7.0	23	6.8	-17.9
26 to 34 years	80	29.3	69	25.7	91	22.9	74	21.8	-18.7
35 years and older	172	63.0	170	63.4	277	69.6	243	71.5	-12.3
Unknown/no response	1	.4	-	-	2	.5	-	-	...
SELECTED DRUGS									
Alcohol-in-comb.	125	45.8	97	36.2	135	33.9	125	36.8	-7.4
Amitriptyline	25	9.2	14	5.2	21	5.3	12	3.5	-42.9
Cocaine	99	36.3	113	42.2	174	43.7	138	40.6	-20.7
Codeine	38	13.9	28	10.4	53	13.3	43	12.3	-18.9
d-Propoxyphene	11	4.0	9	3.4	14	3.5	8	2.4	-42.9
Diazepam	37	13.6	29	10.8	38	9.5	34	10.0	-10.5
Diphenhydramine	14	5.1	9	3.4	15	3.8	17	5.0	13.3
Heroin/Morphine ¹	99	36.3	82	30.6	152	38.2	171	50.3	12.5
Marijuana/Hashish	-	-	1	.4	10	2.5	7	2.1	-30.0
Methadone	13	4.8	25	9.3	23	5.8	10	2.9	-56.5
Methamphetamine/Speed	26	9.5	27	10.1	31	7.8	54	15.9	74.2
PCP/PCP combinations	2	.7	3	1.1	3	.8	-	-	...
All other drugs	165	60.4	141	52.6	196	49.2	151	44.4	-23.0
TOTAL DRUG MENTIONS	654	239.6	578	215.7	865	217.3	770	226.5	-11.0

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network(June 1994 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1990-1993

Selected demographic characteristics and drug groups	1990		1991		1992		1993		Percent change in numbers, 1992-1993
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
SEATTLE, WA									
Total drug abuse episodes	127	100.0	116	100.0	143	100.0	152	100.0	6.3
SEX									
Male.....	86	67.7	80	69.0	96	67.1	111	73.0	15.6
Female.....	40	31.5	35	30.2	47	32.9	41	27.0	-12.8
Unknown/no response	1	.8	1	.9	-	-	-	-	-
RACE/ETHNICITY									
White.....	111	87.4	96	82.8	122	85.3	126	82.9	3.3
Black.....	8	6.3	11	9.5	9	6.3	19	12.5	...
Hispanic.....	3	2.4	5	4.3	7	4.9	4	2.6	...
Other.....	5	3.9	3	2.6	5	3.5	3	2.0	...
Unknown/no response	-	-	1	.9	-	-	-	-	-
AGE									
6 to 17 years	1	.8	-	-	2	1.4	2	1.3	...
18 to 25 years	6	4.7	6	5.2	13	9.1	17	11.2	30.8
26 to 34 years	29	22.8	23	19.8	37	25.9	37	24.3	.0
35 years and older	91	71.7	87	75.0	91	63.6	96	63.2	5.5
Unknown/no response	-	-	-	-	-	-	-	-	-
SELECTED DRUGS									
Alcohol-in-comb.	53	41.7	35	30.2	58	40.6	68	44.7	17.2
Amitriptyline	11	8.7	7	6.0	13	9.1	13	8.6	.0
Cocaine	29	22.8	33	28.4	35	24.5	41	27.0	17.1
Codeine	5	3.9	4	3.4	6	4.2	5	3.3	...
d-Propoxyphene	4	3.1	8	6.9	13	9.1	11	7.2	-15.4
Diazepam	12	9.4	10	8.6	10	7.0	11	7.2	10.0
Diphenhydramine	9	7.1	6	5.2	7	4.9	7	4.6	...
Heroin/Morphine ¹	49	38.6	47	40.5	66	46.2	99	65.1	50.0
Marijuana/Hashish	-	-	1	.9	1	.7	2	1.3	...
Methadone	13	10.2	10	8.6	6	4.2	7	4.6	...
Methamphetamine/Speed	-	-	1	.9	-	-	1	.7	...
PCP/PCP combinations	-	-	-	-	-	-	-	-	-
All other drugs	86	67.7	61	52.6	89	62.2	90	59.2	1.1
TOTAL DRUG MENTIONS	271	213.4	223	192.2	304	212.6	355	233.6	16.8
WASHINGTON, DC/MD/VA									
Total drug abuse episodes	223	100.0	232	100.0	212	100.0	248	100.0	17.0
SEX									
Male.....	157	70.4	165	71.1	156	73.6	192	77.4	23.1
Female.....	65	29.1	65	28.0	56	26.4	56	22.6	.0
Unknown/no response	1	.4	2	.9	-	-	-	-	-
RACE/ETHNICITY									
White.....	69	30.9	84	36.2	88	41.5	93	37.5	5.7
Black.....	150	67.3	140	60.3	120	56.6	151	60.9	25.8
Hispanic.....	1	.4	4	1.7	2	.9	1	.4	...
Other.....	2	.9	2	.9	2	.9	3	1.2	...
Unknown/no response	1	.4	2	.9	-	-	-	-	-
AGE									
6 to 17 years	-	-	1	.4	1	.5	3	1.2	...
18 to 25 years	21	9.4	17	7.3	19	9.0	28	11.3	47.4
26 to 34 years	67	30.0	71	30.6	64	30.2	58	23.4	-9.4
35 years and older	132	59.2	142	61.2	127	59.9	156	62.9	22.8
Unknown/no response	3	1.3	1	.4	1	.5	3	1.2	...
SELECTED DRUGS									
Alcohol-in-comb.	91	40.8	83	35.8	105	49.5	114	46.0	8.6
Amitriptyline	15	6.7	8	3.4	9	4.2	10	4.0	...
Cocaine	101	45.3	113	48.7	87	41.0	99	39.9	13.8
Codeine	1	.4	8	3.4	15	7.1	40	16.1	166.7
d-Propoxyphene	5	2.2	4	1.7	6	2.8	7	2.8	...
Diazepam	-	-	5	2.2	4	1.9	15	6.0	...
Diphenhydramine	9	4.0	5	2.2	10	4.7	18	7.3	80.0
Heroin/Morphine ¹	102	45.7	123	53.0	85	40.1	105	42.3	23.5
Marijuana/Hashish	2	.9	-	-	4	1.9	1	.4	...
Methadone	2	.9	1	.4	1	.5	4	1.6	...
Methamphetamine/Speed	-	-	-	-	1	.5	-	-	...
PCP/PCP combinations	11	4.9	6	2.6	17	8.0	29	11.7	70.6
All other drugs	82	36.8	99	42.7	153	72.2	126	50.8	-17.6
TOTAL DRUG MENTIONS	421	188.8	455	196.1	497	234.4	568	229.0	14.3

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network(June 1994 data file).

APPENDIX I

SUPPLEMENTARY TABLES

This appendix presents supplementary tables of both a technical and substantive nature.

This report reflects all of the medical examiner (ME) data on the Drug Abuse Warning Network (DAWN) files for calendar year 1993 submitted as of June 1994. However, not all facilities reported for the entire year 1993. To inform readers of these reporting patterns, table I-1 presents technical data on the completeness of 1993 reporting of DAWN ME facilities according to metropolitan area. In this table, the total number of facilities in each metropolitan area is classified according to the number of months each facility reported. Months are counted if expected drug abuse deaths were received in time for inclusion in this report.

ME jurisdictions providing data appearing in this report are listed in Tables I-2 and I-3. Table I-2 shows counties reporting in 1993 in each of 43 metropolitan areas now included in DAWN ME data system; the data from these jurisdictions are presented in Chapters 2 and 3 of this annual report. Table I-3 lists ME jurisdictions included in the panel of ME facilities with a consistent reporting history over the period from 1990 through 1993; data from these jurisdictions are presented in Chapter 4 of this report.

Table I-1. Number of medical examiner facilities and number of months reported, according to metropolitan area: 1993

Metropolitan area	Number of facilities	Number of months reported ¹		
		12 months	10 or 11 months	9 months or less ²
Anchorage, AK	1	-	1	-
Atlanta, GA	8	7	1	-
Baltimore, MD	7	7	-	-
Birmingham, AL	1	1	-	-
Boise, ID	1	1	-	-
Boston, MA	5	5	-	-
Buffalo, NY	5	5	-	-
Casper, WY	1	1	-	-
Chicago, IL	5	5	-	-
Cleveland, OH	1	1	-	-
Dallas, TX	6	6	-	-
Denver, CO	6	3	-	3
Detroit, MI	5	5	-	-
Fargo, ND	2	1	-	1
Greenville, SC	1	-	-	1
Indianapolis, IN	2	2	-	-
Jackson, MS	1	1	-	-
Kansas City, KS/MO	2	2	-	-
Las Vegas, NV	1	1	-	-
Los Angeles, CA	1	1	-	-
Louisville, KY	1	1	-	-
Miami, FL	1	1	-	-
Milwaukee, WI	1	1	-	-
Minneapolis, MN/WI	11	11	-	-
Nashua, NH	1	1	-	-
New Orleans, LA	5	5	-	-
New York, NY	8	8	-	-
Newark, NJ	5	5	-	-
Norfolk, VA	3	3	-	-
Oklahoma City, OK	1	1	-	-
Omaha, NE	3	3	-	-
Philadelphia, NJ/PA	8	8	-	-
Phoenix, AZ	1	1	-	-
Portland, OR	3	3	-	-
Providence, RI	2	2	-	-
Saint Louis, IL/MO	9	9	-	-
Salt Lake City, UT	2	2	-	-
San Antonio, TX	1	1	-	-
San Diego, CA	1	1	-	-
San Francisco, CA	3	3	-	-
Seattle, WA	2	2	-	-
Sioux Falls, SD	1	1	-	-
Washington, DC/MD/VA	14	14	-	-
Wilmington, DE	1	1	-	-
Total DAWN System	150	143	2	5

¹ Months are not counted if drug-related cases were expected but were not reported in time to be included in the report.

² These jurisdictions are not included in the 1993 data.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (June 1994 data file).

Table I-2. Medical examiner jurisdictions reporting information to DAWN (along with state-county Federal Information Processing Standard [FIPS] codes), according to metropolitan area: 1993

Anchorage Anchorage Borough, AK (2-020)	Greenville Greenville County, SC (45-045) ¹	Omaha Douglas County, NE (31-055) Sarpy County, NE (31-153) Washington County, NE (31-177)
Atlanta Clayton County, GA (13-063) Cobb County, GA (13-067) De Kalb County, GA (13-089) Douglas County, GA (13-097) Fulton County, GA (13-121) Gwinnett County, GA (13-135) Henry County, GA (13-151) Paulding County, GA (13-223)	Jackson Rankin County, MS (28-121)	Philadelphia Burlington County, NJ (34-005) Camden County, NJ (34-007) Gloucester County, NJ (34-015) Bucks County, PA (42-017) Chester County, PA (42-029) Delaware County, PA (42-045) Montgomery County, PA (42-091) Philadelphia County, PA (42-101)
Baltimore Anne Arundel County, MD (24-003) Baltimore County, MD (24-005) Carroll County, MD (24-013) Harford County, MD (24-025) Howard County, MD (24-027) Queen Anne's County, MD (24-035) Baltimore City, MD (24-510)	Indianapolis Johnson County, IN (18-081) Marion County, IN (18-097)	Phoenix Maricopa County, AZ (4-013)
Birmingham Jefferson County, AL (1-073)	Kansas City Wayandotte County, KS (20-209) Jackson County, MO (29-095)	Portland Clackamas County, OR (41-005) Multnomah County, OR (41-051) Washington County, OR (41-067)
Boise Ada County, ID (16-001)	Las Vegas Clark County, NV (32-003)	Providence Kent County, RI (44-003) Providence County, RI (44-007)
Boston Essex County, MA (25-009) ¹ Middlesex County, MA (25-017) ¹ Norfolk County, MA (25-021) ¹ Plymouth County, MA (25-023) ¹ Suffolk County, MA (25-025)	Los Angeles Los Angeles County, CA (6-037)	St. Louis Clinton County, IL (17-027) Madison County, IL (17-119) Monroe County, IL (17-133) St. Clair County, IL (17-163) Franklin County, MO (29-071) Jefferson County, MO (29-099) St. Charles County, MO (29-183) St. Louis County, MO (29-189) St. Louis City, MO (29-510)
Buffalo ² Erie County, NY (36-029) Niagara County, NY (36-063)	Louisville Jefferson County, KY (21-111)	Salt Lake City Davis County, UT (49-011) Salt Lake County, UT (49-035)
Chicago Cook County, IL (17-031) Du Page County, IL (17-043) Kane County, IL (17-089) Lake County, IL (17-097) McHenry County, IL (17-111)	Miami Dade County, FL (12-025)	San Antonio Bexar County, TX (48-029)
Casper Natrona County, WY (56-025)	Milwaukee Waukeesha County, WI (55-133)	San Diego San Diego County, CA (6-073)
Cleveland Cuyahoga County, OH (39-035)	Minneapolis Anoka County, MN (27-003) Carver County, MN (27-019) Chisago County, MN (27-025) Dakota County, MN (27-037) Hennepin County, MN (27-053) Isanti County, MN (27-059) Ramsey County, MN (27-123) Scott County, MN (27-139) Washington County, MN (27-163) Wright County, MN (27-171) St. Croix County, WI (55-109)	San Francisco Marin County, CA (6-041) San Francisco County, CA (6-075) San Mateo County, CA (6-081)
Dallas Collin County, TX (48-085) Dallas County, TX (48-113) Denton County, TX (48-121) Ellis County, TX (48-139) Kaufman County, TX (48-257) Rockwall County, TX (48-397)	Nashua Hillsborough County, NH (33-011)	Seattle King County, WA (53-033) Snohomish County, WA (53-061)
Denver Adams County, CO (8-001) ¹ Arapahoe County, CO (8-005) Boulder County, CO (8-013) ¹ Denver County, CO (8-031) Douglas County, CO (8-035) Jefferson County, CO (8-059) ¹	New Orleans Jefferson Parish, LA (22-051) Orleans Parish, LA (22-071) St. Bernard Parish, LA (22-087) St. John Baptist Parish, LA (22-095) St. Tammany Parish, LA (22-103)	Sioux Falls Minnehaha County, SD (46-099)
Detroit Macomb County, MI (26-099) Monroe County, MI (26-115) Oakland County, MI (26-125) St. Clair County, MI (26-147) Wayne County, MI (26-163)	New York Bronx County, NY (36-005) Kings County, NY (36-047) Nassau County, NY (36-059) New York County, NY (36-061) Putnam County, NY (36-079) Queens County, NY (36-081) Richmond County, NY (36-085) Suffolk County, NY (36-103)	Washington District of Columbia (11-001) Calvert County, MD (24-009) Charles County, MD (24-017) Frederick County, MD (24-021) Montgomery County, MD (24-031) Prince George's County, MD (24-033) Arlington County, VA (51-013) Fairfax County, VA (51-059) Loudon County, VA (51-107) Prince William County, VA (51-153) Stafford County, VA (51-179) Alexandria City, VA (51-510) Falls Church City, VA (51-610) Manassas City, VA (51-683)
Fargo Clay County, MN (37-027) ¹ Cass County, ND (38-017)	Newark Essex County, NJ (34-013) Morris County, NJ (34-027) Somerset County, NJ (34-035) Sussex County, NJ (34-037) Union County, NJ (34-039)	Wilmington New Castle County, DE (10-003)
	Norfolk Norfolk City, VA (51-710) Portsmouth City, VA (51-740) Virginia Beach City, VA (51-810)	
	Oklahoma City Oklahoma County, OK (40-109)	

¹ These jurisdictions reported for fewer than 10 months in 1993 and not are included in this report.

² Niagara County, in the Buffalo area, has four MEs that report to DAWN.

Table I-3. DAWN medical examiner jurisdictions (along with state-county Federal Information Processing Standard [FIPS] codes) providing data to trend tables, according to metropolitan area: 1990-1993

Atlanta	Nassau County, NY (36-059)
De Kalb County, GA (13-089)	New York County, NY (36-061)
Fulton County, GA (13-121)	Queens County, NY (36-081)
	Richmond County, NY (36-085)
	Suffolk County, NY (36-103)
Baltimore	Newark
Anne Arundel County, MD (24-003)	Essex County, NJ (34-013)
Baltimore County, MD (24-005)	Sussex County, NJ (34-037)
Carroll County, MD (24-013)	
Harford County, MD (24-025)	Norfolk
Howard County, MD (24-027)	Norfolk City, VA (51-710)
Baltimore City, MD (24-510)	Portsmouth City, VA (51-740)
	Virginia Beach City, VA (51-810)
Buffalo	Oklahoma City
Erie County, NY (36-029)	Oklahoma County, OK (40-109)
Niagara County, NY (36-063)	
Chicago	Philadelphia
Cook County, IL (17-031)	Burlington County, NJ (34-005)
Du Page County, IL (17-043)	Camden County, NJ (34-007)
Kane County, IL (17-089)	Gloucester County, NJ (34-015)
Lake County, IL (17-097)	Bucks County, PA (42-017)
	Chester County, PA (42-029)
Cleveland	Delaware County, PA (42-045)
Cuyahoga County, OH (39-035)	Montgomery County, PA (42-091)
	Philidelphia County, PA (42-101)
Dallas	
Dallas County, TX (48-113)	Phoenix
	Maricopa County, AZ (40-13)
Denver	St. Louis
Arapahoe County, CO (8-005)	Madison County, IL (17-119)
Denver County, CO (8-031)	St. Clair County, IL (17-163)
	Franklin County, MO (29-071)
Detroit	St. Charles County, MO (29-183)
Macomb County, MI (26-099)	St. Louis County, MO (29-189)
Oakland County, MI (26-125)	St. Louis City, MO (29-510)
Wayne County, MI (26-163)	
	San Antonio
Indianapolis	Bexar County, TX (48-029)
Johnson County, IN (18-081)	
Marion County, IN (18-097)	San Diego
	San Diego County, CA (6-073)
Kansas City	San Francisco
Wyandotte County, KS (20-209)	Marin County, CA (6-041)
Jackson County, MO (29-095)	San Francisco County, CA (6-075)
	San Mateo County, CA (6-081)
Los Angeles	Seattle
Los Angeles County, CA (6-037)	King County, WA (53-033)
	Snohomish County, WA (53-061)
Miami	Washington
Dade County, FL (12-025)	District of Columbia (11-001)
	Montgomery County, MD (24-031)
Minneapolis	Prince George's County, MD (24-033)
Anoka County, MN (27-003)	Arlington County, VA (51-013)
Hennepin County, MN (27-053)	Fairfax County, VA (51-059)
Ramsey County, MN (27-123)	Prince William County, VA (51-153)
	Alexandria City, VA (51-510)
New Orleans	
Jefferson Parish, LA (22-051)	
Orleans Parish, LA (22-071)	
New York	
Bronx County, NY (36-005)	
Kings County, NY (36-047)	

NOTE: The jurisdictions appearing in trend tables come from a consistent panel of medical examiner facilities with similar reporting histories over the years from 1990 through 1993. Rules for inclusion required that facilities report data for at least 10 months in each of the 4 years. The reason for a consistent panel is to ensure that apparent changes over time are not likely to be explained by gaps in reporting. It should be noted, however, that trend tables in later reports of medical examiner data may be based on a different panel of reporting facilities and, therefore, trends from one annual report to another may not be comparable. Data from Boston are excluded due to incomplete reporting in 1992.

APPENDIX II

DAWN MEDICAL EXAMINER REPORT FORM

APPENDIX III

GLOSSARY OF TERMS

Cause of death: See "drug abuse death."

Commonly encountered brand: A brand name used as an example of a generic drug. A brand name was selected as an example if it accounted for at least ten percent of the emergency room drug mentions in its "drug category" during the 1991 calendar year, based on data from the Drug Abuse Warning Network (DAWN).

Drug abuse: The non-medical use of a substance for any of the following reasons: psychic effect, dependence, or suicide attempt/gesture (see "manner of death"). For the purpose of this definition, non-medical use means:

- The use of prescription drugs in a manner inconsistent with accepted medical practice;
- The use of over-the-counter drugs contrary to approved labeling; or
- The use of any substance (heroin, marijuana, peyote, glue, aerosols, etc.) for psychic effect, dependence, or suicide.

Drug abuse death: A drug-induced death is any death involving a drug "overdose" where usually a toxic level is found or suspected. A drug-related death is any death where the drug usage is a contributory factor but not the sole cause, (i.e., accidents, disease state, withdrawal syndrome, etc.); causation of death by the drug is not implied. DAWN codes two causes of "drug-induced" deaths:

- *Direct*—single drug cause (overdose); and
- *Direct*—multiple drug cause (cause not attributable specifically to any one drug but to drug overdose).

"Drug-related" deaths, where drug usage is a contributory factor, are coded as:

- Combination with physiological condition;
- Combination with external physical event; or
- Combination with medical disorder, probably drug caused.

DAWN medical examiner (ME) cases in which AIDS (acquired immunodeficiency syndrome) was reported and cases in which "drug unknown" was the only substance reported are excluded from the tables of ME data in this report. As in previous years, the ME data in this report exclude homicide cases reported to DAWN.

Drug abuse death, case, or episode: A reported death that involved drug abuse. ME cases involving children under 6 years of age are not reported.

Drug abuser: A decedent who had taken a substance(s) without proper medical supervision for reason(s) of psychic effect, dependence, or suicide attempt/gesture (see "drug abuse").

Drug category: A generic grouping of substances reported to DAWN. The DAWN drug groupings are periodically reviewed in order to reflect the most recent changes in pharmaceutical classifications and drug legislation. Occasional changes in drug classification should be taken into consideration when comparing drug data from this report with other DAWN reports. These classifications may involve street names and brand names, which are sometimes used to identify a substance and its generic drug group. Such names are carried in DAWN due to the inability of some drug users to reliably identify a substance other than by its street name. Therefore, references to substances such as "speed," appear in the tables. Additional clarification is provided for the following drug categories:

- *Alcohol-in-combination*—DAWN does not gather data on alcohol used alone, only alcohol used concomitantly with another abused substance. Therefore, all alcohol mentions are combination mentions.
- *Heroin/morphine*—Although heroin may be the ingested drug, it is metabolized to morphine. Therefore, heroin and morphine are treated as a single drug. This is particularly important with respect to attributions of cause of death. In addition, in this report, the heroin/morphine category includes mentions of opiates not specified as to type.
- *Marijuana/hashish*—As both marijuana and hashish are derived from the cannabis plant and have tetrahydrocannabinol (THC) as their psychoactive ingredient, they are treated as a single drug in this report.
- *Diazepam*—Mentions of desmethyldiazepam, a metabolic product of diazepam, are combined with those of diazepam in this report.
- *Methamphetamine/speed*—Data for methamphetamine and speed previously were shown separately. To facilitate analyses, data on these two DAWN methamphetamine categories are now shown together under the aggregate category of "methamphetamine/speed."
- *Fluoxetine and imipramine*—In DAWN reports for 1988, mentions of Prozac®, an antidepressant first marketed in December 1987, were misassigned to the imipramine category. In this report, Prozac® has been removed from the imipramine group, combined with generic fluoxetine, and tabulated under the category of "fluoxetine."
- *Drug unknown*—ME mentions of "drug unknown" may result from cases in which the ME knows that a decedent was a drug abuser (e.g., using drugs intravenously) but has not tested for specific drugs. ME cases in which "drug unknown" is the only substance reported are excluded from the tabulations in this report.

Drug concomitance: This term refers to whether a drug abuse death involved a single drug mention or multiple mentions.

Drug mention: This refers to a substance that was mentioned in a drug abuse case. In addition to alcohol-in-combination, up to six substances can be reported for each drug abuse death; thus, the total number of mentions exceeds the number of total cases. It should be noted that a drug mention may or may not be the confirmed "cause" of the death in multiple-drug abuse cases. Even when only one substance is reported for a case, allowance should still be made for reportable drugs not mentioned or for other contributory factors.

Form in which drug was acquired/found: The form in which the substance was received by the user/abuser is coded, not the form in which the substance was consumed. In the case of the decedent, the form in which the drug was found in evidence is of concern. [Data no longer collected from MEs by DAWN as of July 1991.]

Manner of death: Drug abuse deaths reported to DAWN (ME episodes) are coded as either "accidental/unexpected," "suicide," or "homicide." Data on drug-related homicide deaths are not included in this report. The manner-of-death codes are defined as follows:

- *Accidental/unexpected*—An unintentional death resulting from a drug abuse episode. The cause of death may be drug induced or drug related. The essential feature of this manner of death is that the user/abuser did not intend to die.
- *Suicide*—The deliberate taking of one's own life. The deceased may have used drugs to bring about his or her own immediate destruction, or the death may be drug related, involving external physical events (e.g., jumping, hanging, shooting, cutting the wrist, etc., with the intention of ending one's life).
- *Natural*—A death not due to external causes but due to a medical disorder or physiological disease process. In DAWN this category includes cases in which the decedent's drug abuse caused the medical disorder or physiological condition, such as AIDS. This also includes cases where a condition was worsened by the decedent's drug use (e.g., a heart condition or diabetes). Note that AIDS cases are excluded from the tables in this report. Deaths from natural causes are not shown separately in this report but are included in the "unknown/not reported" manner of death category.

Medical examiner (ME): All MEs and coroners in the DAWN metropolitan areas or counties are eligible for participation in DAWN. The data in this report reflects records submitted by 132 ME facilities for deaths occurring in 1991. As noted elsewhere, deaths in which AIDS was reported and those in which "drug unknown" was the only substance mentioned are excluded. In addition, opiates not specified as to type are tabulated under the category of heroin/morphine.

Metropolitan area: A unit composed of a relatively large core city or cities and the immediately adjacent geographic areas. Conceptually, these areas are integrated economic and social units with a large population nucleus. DAWN ME data are collected in 27 metropolitan areas. For the 21 areas covered in the DAWN emergency room data, ME facilities are recruited from within the same boundaries of the as those used to select sample hospitals. These are the Metropolitan Statistical Areas and Primary Metropolitan Statistical Areas defined in 1983 by the Office of Management and Budget. See Appendix I for a list of the counties and independent cities covered in the DAWN ME reporting base.

Race/ethnicity: The race/ethnicity categories distinguished in the DAWN data in this report are:

- *White, not of Hispanic origin*—A person having origins in any of the original peoples of Europe, North Africa, or the Middle East.
- *Black, not of Hispanic origin*—A person having origins in any of the black racial groups of Africa.
- *Hispanic*—A person of Mexican, Puerto Rican, Cuban, or Central or South American, or other Spanish culture or origin, regardless of race.
- *American Indian/Alaskan Native*—A person having origins in any of the peoples of North America and who maintains cultural identification through tribal affiliation or community recognition.

- *Asian/Pacific Islander*—A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands.
- *Other*—A person whose race cannot be classified into any of the categories above. This residual category was replaced on the DAWN form in July 1991 after having been removed in an earlier revision.

Rank: A rank indicates the relative frequency of mentions for a particular drug category within the total DAWN system. For example, a drug category ranked second indicates that it accounted for the second highest number of mentions among all drug categories. When two or more drugs received equal numbers of mentions, they are assigned the same rank. It should be noted that a difference in rank should be considered only as indicative of a difference in frequency among drugs reported to DAWN, no matter how small, and not as necessarily denoting a meaningful or significant difference. For example, a difference of one between ranks of drug categories could mean a difference of one drug mention or a difference of many.

Route of drug administration: The method by which the substance was taken into the user/abuser's body is coded according to the following categories:

- *Oral*—Ingested through the mouth.
- *Injection*—Ingested either intravenously, subcutaneously, or intramuscularly.
- *Inhaled*—Refers to the gases or fumes of a substance that are taken into the body by inhaling through the nose or mouth into the lungs (e.g., inhaling the fumes of glue, aerosols, paints, transmission fluid, etc.).
- *Smoked (includes freebase)*—Refers to substances (e.g., marijuana) that are acquired as a cigarette and to "crack" cocaine which is smoked (freebased).
- *Sniffed/Snorted*—Refers to a substance in a powder or crystal form that is taken into the body by way of the nose (e.g., cocaine, heroin).
- *Other*—Used when the route of administration cannot logically be included as any of the above.

Single-drug death, case, or episode: A drug abuse death that involved only one drug.

Therapeutic class: A general grouping of generic drugs such as tranquilizers, narcotic analgesics, barbiturate sedatives, etc. These groupings are based primarily on a pre-existing classification used in the National Drug and Therapeutic Index (IMS America, Ltd.). The DAWN system has accumulated a vocabulary of more than 7,300 substance names that have been mentioned in incidents of abuse. This vocabulary is updated monthly by the inclusion of new abuse substances and, through receipt of identifying information, the reclassification of drugs. Occasionally, this reclassification may shift a drug to a different therapeutic class and/or drug grouping.

Total DAWN System: All DAWN-affiliated facilities. Forty-two metropolitan areas are included in the ME data.