



2001
Cuyahoga County, Ohio
Coroner's Statistical Report



**CUYAHOGA COUNTY
CORONER'S STATISTICAL REPORT**

2001

**ELIZABETH K. BALRAJ, M.D.
CORONER**

**SAMUEL R. GERBER BUILDING
11001 CEDAR AVENUE, CLEVELAND, OHIO 44106**

NUMBER OF CASES

2001 NUMBER OF CORONER'S CASES

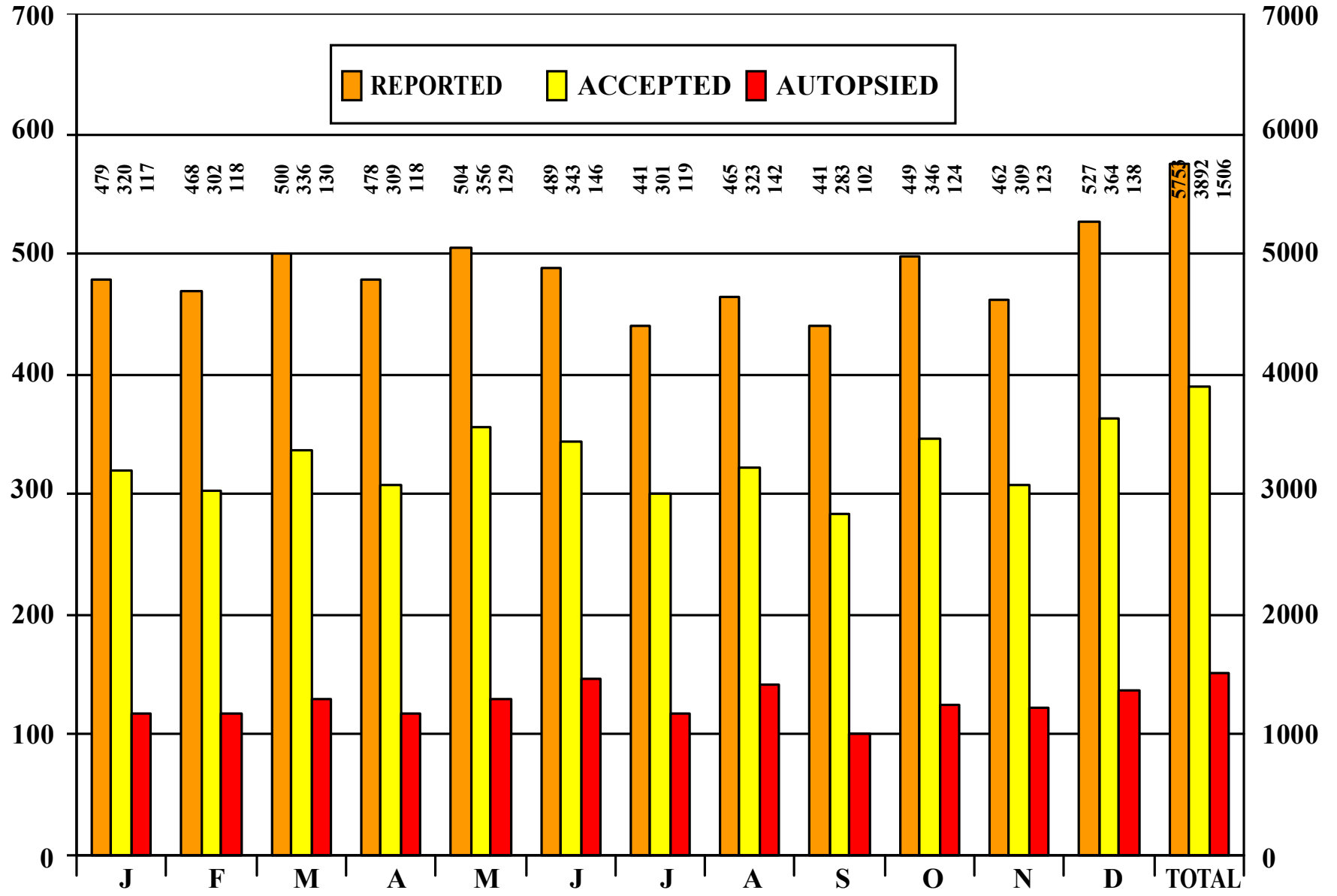


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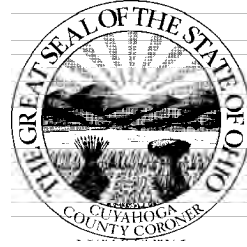
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Coding is classified in Volume 1 and 2 - Ninth Revision of the International Classification of Diseases, World Health Organization.



Elizabeth K. Balraj, M.D.
Coroner

The sixty-third annual report of the Cuyahoga County Coroner's Office has been prepared in accordance with our tradition of service to our Community. The year two thousand and one will remain embedded in the minds of everyone in the United States of America and maybe even in the minds of most people of the world. The indescribable tragedy experienced by our Country on September eleventh two thousand one at the World Trade Center in New York can never be forgotten by those of us who have lived during those times. Thousands of innocent lives were lost. Hundreds of fire fighters and law enforcement officials sacrificed their lives in the line of duty while attempting to save others. On that day and the days that followed, as we witnessed the horror that was unfolding before us, we experienced the devastation caused by cowardly terrorism. In response to this tragedy we resolved to fight terrorism at all costs. In memory of the horrific events of September eleventh, the year two thousand one, this report is dedicated to all those innocent people who lost their lives because of terrorism and to those who lost their lives in the line of duty while attempting to save others and also to all those who are doing everything within their power to eliminate terrorism from our country and from the face of this earth.



This report is primarily a statistical summary of our experience. The information set forth conforms to the established patterns of previous reports so that comparisons can be made readily. The tabular format is identical with earlier reports. New tables, charts and maps have been added to further emphasize certain data.

All cases recorded here have been summarized from various aspects. Cases are basically classified according to the official Coroner's Verdict as to the manner of death. Thus, the following categories are used:

**ACCIDENTS IN THE HOME
ACCIDENTS WHILE AT WORK
VEHICULAR ACCIDENTS
ACCIDENTS IN OTHER PLACES
HOMICIDES
SUICIDES
VIOLENCE OF UNDETERMINED ORIGIN
NATURAL CAUSES
ABORTIONS
NEONATAL AND INTRA-UTERINE DEATHS
CAUSE AND ORIGIN UNDETERMINED**

Cases are further subdivided according to geographical location, monthly incidence, mode, sex-race-age of victims, alcohol incidence by month-sex-race-mode. Additional relationships are indicated through specific tables for various types of cases.

Persons desiring further information should direct their requests to the Coroner. Every effort will be made to supply data requested.



WHAT IS A CORONER'S CASE?

SECTIONS 313.11 AND 313.12
REVISED CODE OF STATE OF OHIO

§...any person (who) dies as a result of

CRIMINAL or other

VIOLENT means, or by

CASUALTY, or by

SUICIDE, or

SUDDENLY when in apparent health, or in any

SUSPICIOUS or **UNUSUAL** manner...§

**THE CORONER SHALL KEEP A COMPLETE
RECORD AS REQUIRED BY THE
REVISED CODE OF THE STATE OF OHIO**

AVAILABILITY OF PUBLIC RECORD

Section 149.43(A) As used in this section:

(1) §Public record§ means any record that is required to be kept by any governmental unit, including, but not limited to, state, county, city, village, township, and school district units, except medial records, records pertaining to adoption, probation, and parole proceedings, trial preparation records, confidential law enforcement investigatory records, and records the release of which is prohibited by state or federal law.

(2) §Confidential law enforcement investigatory record§ means any record that pertains to a law enforcement matter of a criminal,

quasi-criminal, civil, or administrative nature, but only to the extent that the release of the record would create a high probability of disclosure of any of the following:

(a) The identity of a suspect who has not been charged with the offense to which the record pertains, or of an information source or witness to whom confidentiality has been reasonably promised;

(b) Information provided by an information source of witness to whom confidentiality has been reasonably promised, which information would reasonably tend to disclose his identity;

(c) Specific confidential investigatory techniques or procedures or specific investigatory work product;

(d) Information that would endanger the life or physical safety of law enforcement personnel, a crime victim, a witness, or confidential information source.

(3) §Medical record§ means any document or combination of documents, except births, deaths, and the fact of admission to or discharge from a hospital, that pertains to the medical history, diagnosis, prognosis or medial condition of a patient and that is generated and maintained in the process of medial treatment.

(4) §Trial preparation record§ means any record that contains information that is specifically compiled in reasonable anticipation of, or in defense of, a civil or criminal action or proceeding, including the independent thought processes and personal trial preparation of an attorney.

(B) All public records shall be promptly prepared and made available to any member of the general public at all reasonable times for inspection. Upon request, a person responsible for public records shall make copies available at cost, within a reasonable period of time. In order to facilitate broader access to public records, governmental units shall maintain public records in such a manner that they can be made available for inspection in accordance with this division.

(C) Chapter 1347. of the Revised Code does not limit the provisions of this section.

Section 313.09. The coroner shall keep a complete record of and shall fill in the cause of death on the death certificate, in all cases coming under his jurisdiction. All records shall be kept in the office of the coroner, but, if no such office is maintained, then such records shall be kept in the office of the clerk of the court of common pleas. Such records shall be properly indexed, and shall state the name, if known, of every deceased person as described in section 313.12 of the Revised Code, the place where the body was found, date of death, cause of death, and all other available information. The report of the coroner and the detailed findings of the autopsy shall be attached to the report of each case. The coroner shall promptly deliver, to the prosecuting attorney of the county in which such death occurred, copies of all necessary records relating to every death in which, in the judgment of the coroner or prosecuting attorney, further investigation is advisable. The sheriff of the county, the police of the city, the constable of the township, or marshal of the village in which the death occurred may be requested to furnish more information or make further investigation when requested by the coroner or his deputy. The prosecuting attorney may obtain copies of records and such other information as is necessary from the office of the coroner. All records of the coroner are the property of the county.

RECORDS TO BE PUBLIC;
CERTIFIED COPIES AS EVIDENCE

Section 313.10 (2855-11). The records of the coroner, made by himself or by anyone acting under his direction or supervision are public records, and such records, or transcripts, or photostatic copies thereof, certified by the coroner, shall be received as evi-

dence in any criminal or civil court in this state, as to the facts contained in such records.

All records in the coroner's office shall be open to inspection by the public, and any person may receive a copy of any such record or part thereof upon demand in writing, accompanied by payment of the transcript fee, at the rate of fifteen cents per hundred words, or a minimum fee of one dollar.

**WHO REPORTS THE DEATH TO THE
CORONER'S OFFICE?**

AS REQUIRED BY THE
REVISED CODE OF THE STATE OF OHIO.

Section 313.11 (A) No person shall, without an order from the coroner, purposely remove or disturb the body of any person who has died in the manner described in section 313.12 of the Revised Code, or purposely and without such an order disturb the clothing or any article upon or near such a body or any of the possessions which the coroner has a duty to store under Section 313.14 of the Revised Code.

(B) It is an affirmative defense to a charge under this section that the offender attempted in good faith to rescue or administer life-preserving assistance to the deceased person, even though it is established he was dead at the time of the attempted rescue or assistance.

(C) Whoever violates this section is guilty of unlawfully disturbing a body, a misdemeanor of the fourth degree.

Section 313.12. When any person dies as a result of criminal or other violent means, or by casualty, or by suicide, or suddenly when in apparent health, or in any suspicious or unusual manner, the physician called in attendance, or any member of an ambu-

WHAT IS A CORONER'S CASE? (continued)

lance service, emergency squad, or law enforcement agency who obtains knowledge thereof arising from his duties, shall immediately notify the office of the coroner of the known facts concerning the time, place, manner, and circumstances of such death, and any other information which is required pursuant to sections 313.01 to 313.22 of the Revised Code. In such cases, if a request is made for cremation, the funeral director called in attendance shall immediately notify the coroner.

WHAT AUTHORITY DOES THE CORONER HAVE IN REGARD TO THE BODY?

AS REQUIRED BY THE REVISED CODE OF THE STATE OF OHIO

Section 313.13. The coroner or deputy coroner may go to the dead body and take charge of it. If, in the opinion of the coroner, or, in his absence, in the opinion of the deputy, an autopsy is necessary, such autopsy shall be performed by the coroner, deputy coroner, or pathologists. A detailed description of the observations written during the progress of such autopsy or as soon after such autopsy as reasonably possible, and the conclusions drawn therefrom shall be filed in the office of the coroner. If he takes charge of and decides to perform, or performs, an autopsy on a dead body under this section, the coroner, or in his absence, the deputy coroner, may, under division (E) of section 2108.02 of the Revised Code, waive his paramount right to any donated part of the dead body.

Section 313.14. The coroner shall notify any known relatives of a deceased person who meets death in the manner described by section 313.12 of the Revised Code by letter or otherwise. The next of kin, other relatives, or friends of the deceased person, in

the order named, shall have prior right as to disposition of the body of such deceased person. If relatives of the deceased are unknown, the coroner shall make a diligent effort to ascertain the next of kin, other relatives, or friends of the deceased person. The coroner shall take charge and possession of all moneys, clothing, and other valuable personal effects of such deceased person, found in connection with or pertaining to such body, and shall store such possessions in the county coroner's office or such other suitable place as is provided for such storage by the board of county commissioners. If the coroner considers it advisable, he may, after taking adequate precautions for the security of such possessions, store the possessions where he finds them until other storage space becomes available. After using such of the clothing as is necessary in the burial of the body, in case the cost of the burial is paid by the county, the coroner shall set at public auction the valuable personal effects of such deceased persons, found in connection with or pertaining to the unclaimed body, except firearms, which shall be disposed of as provided by section 313.141 of the Revised Code, and he shall make a verified inventory of such effects. Such effects shall be sold within eighteen months after the burial, or after delivery of such body in accordance with section 1713.34 of the Revised Code. All moneys derived from such sale shall be deposited in the county treasury. A notice of such sale shall be given in one newspaper of general circulation in the county, for five days in succession, and the sale shall be held immediately thereafter. The cost of such advertisement and notices shall be paid by the board upon submission of a verified statement therefore, certified to the coroner.

This section does not invalidate section 1713.34 of the Revised Code.

SECTION 313.141 FIREARMS

Section 313.141. If firearms are included in the valuable personal effects of a deceased person who met death in the manner described by section 313.12 of the Revised Code, the coroner shall deliver the firearms to the chief of police of the municipal corporation within which the body is found, or to the sheriff of the county if the body is not found within a municipal corporation. The firearms shall be used for law enforcement purposes only or they shall be destroyed. Upon delivery of the firearms to the chief of police or the sheriff, the law enforcement officer to whom the delivery is made shall give the coroner a receipt for the firearms that states the date of delivery and an accurate description of the firearms.

Section 313.15. All dead bodies in the custody of the coroner shall be held until such time as the coroner, after consultation with the prosecuting attorney, or with the police department of a municipal corporation, if the death occurred in a municipal corporation, or with the sheriff, has decided that it is no longer necessary to hold such body to enable him to decide on a diagnosis giving a reasonable and true cause of death, or to decide that such a body is no longer necessary to assist any such officials in his duties.

Section 313.16. In counties where no coroner's laboratory has been established, the coroner may request a coroner of a county in which such a laboratory is established to perform necessary laboratory examinations, the cost of which shall be no greater than the actual value of the services of technicians and the materials used in performing such examination. Money derived from the fees paid for these examinations shall be kept in a special fund, for the use of the coroner's laboratory, from which fund replacements can be made. Such funds shall be used to purchase necessary supplies and equipment for the laboratory.

WHAT AUTHORITY DOES THE CORONER HAVE IN REGARD TO INVESTIGATION INTO THE CIRCUMSTANCES OF THE DEATH?

AS REQUIRED BY THE REVISED CODE OF THE STATE OF OHIO.

Section 313.17. The coroner or deputy coroner may issue subpoenas for such witnesses as are necessary, administer to such witnesses the usual oath, and proceed to inquire how the deceased came to his death, whether by violence to self or from any other persons, by whom, whether as principals or accessories before or after the fact, and all circumstances relating thereto. The testimony of such witnesses shall be reduced to writing and subscribed to by them, and with the findings and recognizance's mentioned in this section, shall be kept on file in the coroner's office, unless the county fails to provide such an office, in which event all such records, findings and recognizance's shall be kept on file in the office of the clerk of the court of common pleas. The coroner may cause such witnesses to enter into recognizance, in such sum as is proper, for their appearance at the succeeding term of the court of common pleas, to give testimony concerning the matter. He may require any such witnesses to give security for their attendance, and, if any of them fails to comply with his requirements he shall commit such person to the county jail until discharged by due course of law. In case of the failure of any person to comply with such subpoena, or on the refusal of a witness to testify to any matter regarding which he may lawfully be interrogated, the probate judge, or a judge of the court of common pleas, on application of the coroner, shall compel obedience to such subpoena by attachment proceedings as for contempt. A report shall be made from

WHAT IS A CORONER'S CASE? (continued)

the personal observation by the coroner or his deputy of the corpse, from the statements of relatives or other persons having any knowledge of the facts, and from such other sources of information as are available, or from the autopsy.

Section 313.20. The coroner may issue any writ required by sections 313.01 to 313.22 of the Revised Code, to any constable of the county in which a body is found as described in section 313.12 of the Revised Code, or if the emergency so requires, to any discreet person of the county, and such person is entitled to receive for the services rendered the same fees as elected constables. Every constable, or other person so appointed, who fails to execute any warrant directed to him, shall forfeit and pay twenty-five dollars, which amount shall be recovered upon the complaint of the coroner, before any court having jurisdiction thereof. All such forfeitures shall be for the use of the county.

USE OF LABORATORY FOR EMERGENCY OR LAW ENFORCEMENT PURPOSES

Section 313.21 (A) The coroner may use or may allow the use of the coroner's laboratory and facilities for tests in an emergency involving suspected toxic substances or for law enforcement-related testing, and may direct his assistants and other personnel to perform such testing in addition to testing performed in execution (sic) of their duties as set forth in section 313.01 to 313.22 of Revised Code. Nothing in this division shall permit such testing except in compliance with state and federal certificate of need and quality assurance requirements for medical laboratories.

(B) The coroner shall keep a complete record of all chemical tests and other tests performed each fiscal year pursuant to division (A) of this section, the public agency, hospital, or person for whom the test was performed, and the cost incurred for each test.

This record shall be kept in the office of the coroner.

SECTIONS OF THE CODE PERTAINING TO RELEASE OF INFORMATION

PERSONAL INFORMATION SYSTEMS

EXEMPTIONS

Section 1347.04. (A) Any state or local agency or part of an agency that performs as its principal function of any activity relating to the enforcement of the criminal laws, including police efforts to prevent, control, or reduce crime or to apprehend criminals, the criminal courts, prosecutors, or any agency that is a correction, probation, pardon, or parole authority is exempt from the provisions of this chapter except from the revisions of section 1347.03 of the Revised Code. A part of an agency that does not perform, as its principal function, an activity relating to the enforcement of criminal laws is not exempt under this section.

(B) The provisions of Chapter 1347. of the Revised Code shall not be construed to prohibit the release of public records, or the disclosure of personal information in public records, as defined in section 149.43 of the Revised Code, or to authorize a public body to hold an executive session for the discussion of personal information if the executive session is not authorized under division (G) of section 121.22 of the Revised Code.

The disclosure to members of the general public record, as defined in section 149.43 of the Revised Code, is not an improper use of personal information under this chapter.

(C) After the initial filing of notice required by section 1347.03 of the Revised Code, the department of administrative services and the Ohio privacy board may, by rule adopted pursuant to Chapter 119. of the Revised Code, exempt any personal information

system from the provisions of Chapter 1347. of the Revised Code for a period of five years, if either of the following applies:

(1) The system maintains a small amount of personal information of such a nature that personal privacy would not be endangered if the use of that information was not regulated or controlled by this chapter.

(2) The system is comprised of investigatory material compiled for law enforcement purposes by agencies not described in division (A) of this section.

RIGHTS OF SUBJECTS, OR
POSSIBLE SUBJECTS, TO INSPECTION

Section 1347.08 (A) Every state or local agency that maintains a personal information system, upon the request and the proper identification of any person who is the subject of personal information in the system, shall:

(1) Inform the person of the existence of any personal information in the system of which he is the subject;

(2) Except as provided in divisions (C) and (F) (S) of this section, permit the person, his legal guardian, or an attorney who presents a signed written authorization made by the person, to inspect all personal information in the system of which he is the subject;

(3) Inform the person about the types of uses made of any such personal information, including the identity of any users usually granted access to the system.

(B) Any person who wishes to exercise a right provided by this section may be accompanied by another individual of his choice.

(C) An agency, upon request, shall disclose medial, psychiatric, or psychological information to a person who is the subject of the information or to his legal guardian, unless a psychiatrist, or psychologist determines for the agency that the disclosure of the

information is likely to have an adverse effect on the person, in which case the information shall be released to a physician, psychiatrist, or psychologist designated by the person or by his legal guardian.

(D) A person may request to inspect any personal information of which he is the subject and that is maintained by an agency only once in every calendar year, unless rules of the department of administrative services or the Ohio privacy board adopted pursuant to section 1347.06 of the Revised Code permit more frequent inspection.

(E) Each agency may establish reasonable fees to be charged a person who requests to copy personal information, including the identity of any users usually granted access to the system.

(F) (1) This section regulates access to personal information maintained in a personal information system by persons who are the subject of the information, but does not limit the authority of any person, including a person who is the subject of personal information maintained in a personal information system by persons who are the subject of the information, but does not limit the authority of any person, including a person who is the subject of personal information maintained in a personal information system, to inspect or have copied, pursuant to section 149.43 of the Revised Code, public record as defined in that section.

(2) This section does not provide a person who is the subject of personal information maintained in a personal information system, his legal guardian, or an attorney authorized by the person, with a right to inspect or copy, or require an agency that maintains a personal information system to permit the inspection or copying of a confidential law enforcement investigatory record or trial preparation record, as those terms are defined in divisions (A)(2) and (4) of section 149.43 of the Revised Code.

(G) This section does not apply to the papers, records and books pertaining to an adoption, which under section 3107.17 of the Revised Code are subject to inspection only upon consent of the

WHAT IS A CORONER'S CASE? (continued)

court.

**GIFT OF BODY OR PART:
RIGHTS OF NEXT OF KIN TO DONATE**

Section 2108.02. (A) Any individual of sound mind and eighteen years of age or more may give all or any part of his body for any purpose specified in section 2108.03 of the Revised Code the gift to take effect upon his death.

(B) Any of the following persons, in the order of priority stated, when persons in prior classes are not available at the time of death, and in the absence of actual notice of contrary indications by the decedent or actual notice of opposition by a member of the same or a prior class, may give any part of the decedent's body for any purpose specified in section 2108.03 of the Revised Code:

- (1) The spouse;
- (2) An adult son or daughter;
- (3) Either parent;
- (4) An adult brother or sister;
- (5) A guardian of the person of the decedent at the time of his death;
- (6) Any other person authorized or under obligation to dispose of the body.

(C) The donee shall not accept the gift if he has actual notice of contrary indications by the decedent or that a gift by a member of a class is opposed by a member of the same or a prior class. The persons authorized in division (B) of this section may make the gift after or immediately before death.

(D) A gift of all or part of a body authorizes any examination necessary to assure medical acceptability of the gift for the purpose intended.

(E) The rights of the donee created by the gift are paramount to the rights of others except that a coroner, or in his absence, a deputy coroner, who has, under section 313.13 of the Revised Code,

taken charge of the decedent's dead body and decided that an autopsy is necessary, has right to the dead body and any part that is paramount to the rights of the donee. The coroner, or in his absence, the deputy coroner, may waive this paramount right and permit the donee to take a donated part if the donated part is or will be unnecessary for successful completion of the autopsy or for evidence. If the coronary or deputy coroner does not waive his paramount right and later determines, while performing the autopsy, that the donated part is or will be unnecessary for successful completion of the autopsy or for evidence, he may thereupon waive his paramount right and permit the donee to take the donated part, either during the autopsy or after it is completed.

2108.30. Determination that death has occurred; immunity of physician.

An individual is dead if he has sustained either irreversible cessation of circulatory and respiratory functions or irreversible cessation of all functions of the brain, including the brain stem, as determined in accordance with accepted medical standards. If the respiratory and circulatory functions of a person are being artificially sustained, under accepted medical standards a determination that death has occurred is made by a physician by observing and conducting a test to determine that the irreversible cessation of all functions of the brain has occurred.

A physician who makes a determination of death in accordance with that section and accepted medical standards is not liable for damages in any civil action or subject to prosecution in any criminal proceeding for his acts or the acts of others based on that determination.

Any person who acts in good faith in reliance on a determination of death made by a physician in accordance with this section and accepted medical standards is not liable for damages in any civil action or subject to prosecution in any criminal proceedings for his actions.

REMOVAL OF DONOR EYES
FOR CORNEAL TRANSPLANTS

Section 2108.60. (A) As used in this section:

(1) "Cornea" or "corneas" includes corneal tissue.

(2) "Eye bank" means a nonprofit corporation that is organized under the laws of this state, the purposes of which include obtaining, storing, and distribution corneas to be used for corneal transplants or other medical or medial research purposes, and that is exempt from federal taxation under subsection 501 (c) of the Internal Revenue Code.

(3) "Eye bank official" means a person authorized by the trustees of an eye bank to make requests for corneas to be used for corneal transplants or other medical or medial research purposes.

(4) "Eye technician" means a person authorized by the medical director of an eye bank to remove the corneas of a decedent.

(5) "Internal revenue code" means the "internal revenue code of 1954," 68A STAT. 3, 26 U.C.S. 1, as amended.

(B) A county coroner who performs an autopsy pursuant section 313.13 of the Revised Code, may remove one or both corneas of the decedent, or a coroner may authorize a deputy coroner, physician or surgeon licensed pursuant to section 4731.14 of the Revised Code, embalmer authorized under section 2108.071 of the Revised Code to enucleate eyes, or eye technician to remove one or both corneas of a decedent whose body is the subject of an autopsy performed pursuant to section 313.13 of the Revised Code, if all of the following apply:

(1) The corneas are not necessary for the successful completion of the autopsy or for evidence.

(2) An eye bank official has requested the removal of corneas and certified to the coroner in writing that the corneas will be used only for corneal transplants or other medial research pur-

poses;

(3) The removal of the corneas and gift to the eye bank do not alter a gift made by the decedent or any other person authorized under this chapter to an agency or organizing other than the eye bank;

(4) The coroner at the time he removes or authorizes the removal of the corneas, has no knowledge of an objection to the removal by any of the following:

(a) The decedent, as evidenced in a written document executed during his lifetime;

(b) The decedent's spouse;

(c) If there is no spouse, the decedent's adult children;

(d) If there is no spouse and no adult children, the decedent's parents;

(e) If there is no spouse, no adult children, and no parents, the decedent's brothers or sisters;

(f) If there is no spouse, no adult children, no parents, and no brothers or sisters, the guardian of the person of the decedent at the time of death;

(g) If there is no spouse, no adult children, no parents, no brothers or sisters, no guardian of the person of the decedent at the time of death, any other person authorized or under obligation to dispose of the body.

(C) Any person who acts in good faith under this section and without knowledge of an objection, as described in division (B) (4) of this section, to the removal of corneas is not liable in any civil or criminal action based on the removal.

**PHYSICAL ABUSE AND NEGLECT OF CHILDREN
(BATTERED CHILD SYNDROME)**

**PERSONS REQUIRED TO REPORT INJURY OR
NEGLECT: PROCEDURES ON RECEIPT OF REPORT**

WHAT IS A CORONER'S CASE? (continued)

Section 2151.421 Any attorney, physician, including a hospital intern or resident, dentist, podiatrist, practitioner of a limited branch of medicine or surgery as defined in section 4731.15 of the Revised Code, registered or licensed practical nurse, visiting nurse, or other health care professional, licensed psychologist, speech pathologist or audiologist, coroner, administrator or employee of a certified child daycare center, or administrator or employee of a certified child care agency or other public or private children services agency, school teacher or school authority, social worker, or person rendering spiritual treatment through prayer in accordance with the tenets of a well recognized religion, acting in his official or professional capacity, having reason to believe that a child less than eighteen years of age or any crippled or otherwise physically or mentally handicapped child under twenty-one years of age has suffered any wound, injury, disability, or condition of such a nature as to reasonably indicate abuse or neglect of the child, shall immediately report or cause reports to be made of such information to the children services board or the county department of welfare exercising the children services function, or a municipal or county peace officer in the county in which the child resides or in which the abuse or neglect is occurring or has occurred.

Anyone having reason to believe that a child less than eighteen years of age or any crippled or otherwise physically or mentally handicapped child under twenty-one years of age has suffered any wound, injury, disability, or other condition of such nature as to reasonably indicate abuse or neglect of the child may report or cause reports to be made of such information to the children services board or the county department of welfare exercising the children services function, or to a municipal or county peace officer.

The reports shall be made forthwith by telephone or in person forthwith, and shall be followed by a written report, if requested by the receiving agency or officer. The written report shall contain:

(A) The names and addresses of the child and his parents or person or persons having custody of such child, if known;

(B) The child's age and the nature and extent of the child's injuries, abuse, or neglect, including any evidence of previous injuries, abuse, or neglect;

(C) Any other information which might be helpful in establishing the cause of the injury, abuse, or neglect.

Any person who is required to report cases of child abuse or neglect may take or cause to be taken color photographs of areas of trauma visible on a child and, if medically indicated, cause to be performed radiological examination of the child.

When the attendance of the physician is pursuant to the performance of services as a member of the staff of a hospital or similar institution, he shall notify the person in charge of the institution or his designated delegate who shall make the necessary reports.

Upon the receipt of a report concerning the possible abuse or neglect of a child, the municipal or county peace officer shall refer such report to the appropriate county department of welfare or children services board.

No child upon whom a report is made shall be removed from his parents, step parents, guardian, or other persons having custody by a municipal or county peace officer without consultation with the children services board or the county department of welfare exercising the children services function unless, in the judgment of the reporting physician and the officer, immediate removal is considered essential to protect the child from further abuse or neglect.

The county department of welfare or children services board shall investigate, within twenty-four hours, each report referred to it under this section to determine the circumstances surrounding the injury or injuries, abuse, or neglect, the cause thereof, and the person or persons responsible. The investigation shall be made in cooperation with the law enforcement agency. The county de-

partment of welfare or children services board shall report each case to a central registry which the state department of public welfare shall maintain in order to determine whether prior reports have been made in other counties concerning the child or other principals in the case. The department or board shall submit a report of its investigation, in writing, to the law enforcement agency.

The county department of welfare or children services board shall make such recommendations to the county prosecutor or city director of law as it deems necessary to protect such children as are brought to its attention.

Anyone or any hospital, institution, school, health department, or agency participating in a judicial proceeding resulting from the reports, shall be immune from any civil or criminal liability that might otherwise be incurred or imposed as a result of such actions. Notwithstanding section 4731.22 of the Revised Code, the physician-patient privilege shall not be a ground for excluding evidence regarding a child's injuries, abuse, or neglect, or the cause thereof in any judicial proceeding resulting from a report submitted pursuant to this section.

Nothing in this section shall be construed to define as an abused or neglected child any child who is under spiritual treatment through prayer in accordance with the tenets and practice of a well recognized religion in lieu of medical treatment, and no report shall be required as to the child.

Any report made under this section is confidential, and any person who permits or encourages the unauthorized dissemination of its contents is guilty of a misdemeanor of the fourth degree.

Reports required by this section shall result in protective services and emergency supportive services being made available by the county department of welfare or children services board on behalf of children about who (sic) the reports are made, in an effort to prevent further neglect of abuse, to enhance their welfare, and whenever possible, to preserve the family unit intact. The

department of public welfare shall exercise rule-making authority under Chapter 119. of the Revised Code to aid in the implementations of this section.

There shall be placed on file with the juvenile court in each county and the department of public welfare an initial plan of cooperation jointly prepared and subscribed to by a committee consisting of the county peace officer, all chief municipal peace officers within the county, the prosecuting attorney of the county and the director of law of each city, and the children services board or county welfare department exercising the children services function as convened by the county welfare director. The plan shall set forth the normal operating procedure to be employed by all concerned officials in the execution of their respective responsibilities under this section and section 2151.41 of the Revised Code. The plan shall include a system for cross-referral of reported cases of abuse and neglect as necessary, and shall also include the name and title of the officially directly responsible for making reports to the central registry.

Section 2921.22. (A) No person, knowing that a felony has been or is being committed, shall knowingly fail to report such information to law enforcement authorities.

(B) No physician, limited practitioner, nurse, or person giving aid to a sick or injured person, shall negligently fail to report to law enforcement authorities any gunshot or stab wound treated or observed by him, or any serious physical harm to persons which he knows or has reasonable cause to believe resulted from an offense of violence.

(C) No person who discovers the body or acquires the first knowledge of the death of any person shall fail to report such death immediately to any physician known by such person to be treating the deceased for a condition from which death at such time would not be unexpected, or to a law enforcement officer, ambulance service, emergency squad, or the coroner in a political subdivi-

WHAT IS A CORONER'S CASE? (continued)

sion in which the body is discovered, death is believed to have occurred, or knowledge concerning it is obtained.

(D) No person shall fail to provide upon request of the person to whom he has made a report required by division (C) of this section, or to any law enforcement officer who has reasonable cause to assert the authority to investigate the circumstances surrounding such death, any facts within his knowledge that may have a bearing on the investigation of such death.

(E) Division (A) or (D) of this section does not require disclosure of information, when any of the following applies:

(1) The information is privileged by reason of the relationship between attorney and client, doctor and patient, licensed psychologist or licensed school psychologist and client, priest and penitent, or husband and wife.

(2) The information would tend to incriminate a member of the actor's immediate family.

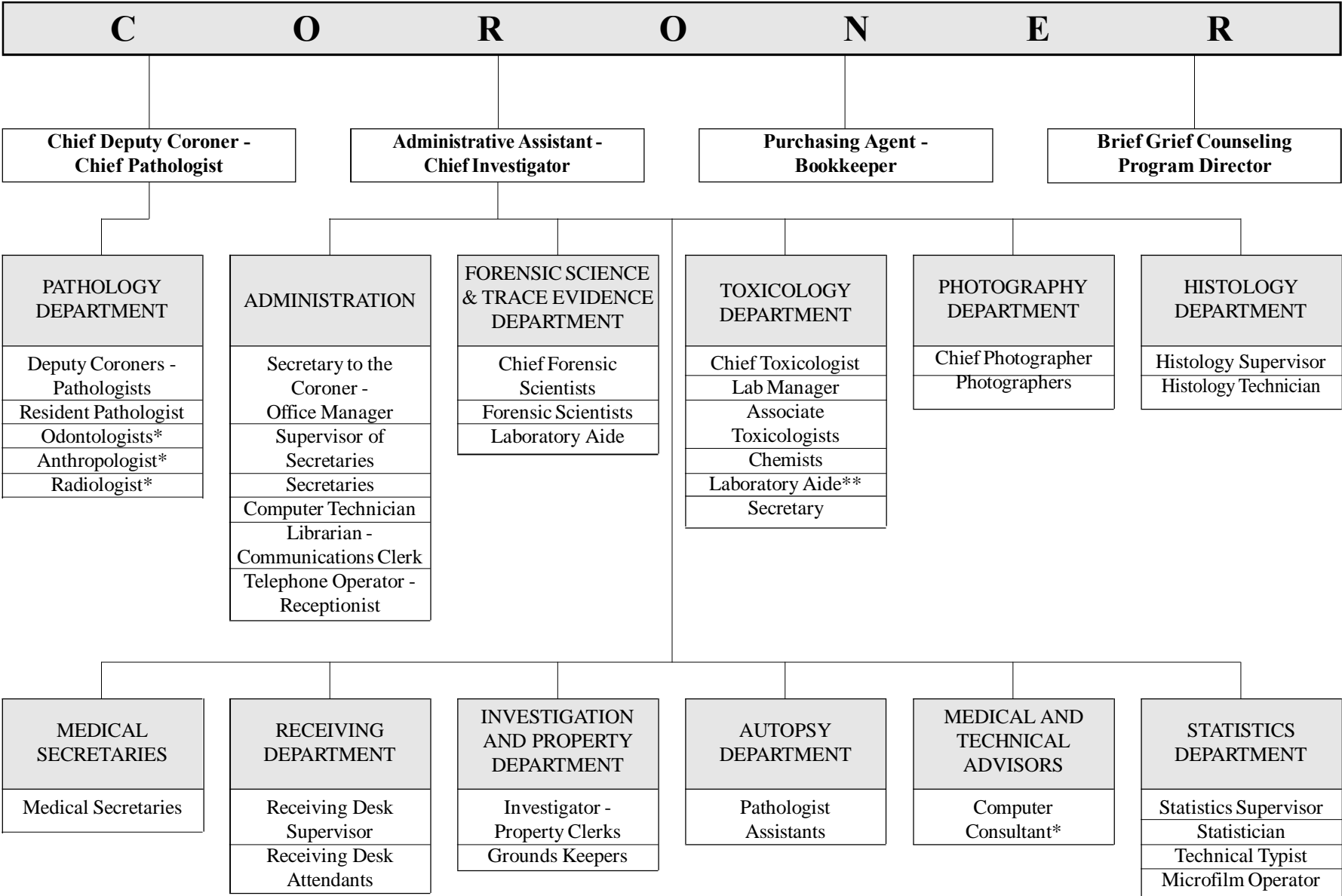
(3) Disclosure of the information would amount to revealing a news source, privileged under section 2739.04 or 2739.12 of the Revised Code.

(4) Disclosure of the information would amount of disclosure by an ordained clergyman of an organized religious body confidential communication made to him in his capacity as such by a person seeking his aid or counsel.

(5) Disclosure would amount to revealing information acquired by the actor in the course of his duties in connection with bona fide program of treatment of services for drug dependent persons or persons in danger of drug dependence, which program is maintained or conducted by a hospital, clinic, person, agency, or organization registered pursuant to section 5122.51 of the Revised Code.

(F) No disclosure of information pursuant to this section gives rise to any liability or recrimination for a breach of privilege or confidence.

(G) Whoever violates division (A) or (B) of this section is guilty of failure to report a crime. Violation of division (A) of this



*Part Time Employee
**Pathologist Assistant

THE 2001 CORONER'S STAFF (continued)

CORONER..... 1

PATHOLOGY DEPARTMENT

Chief Deputy Coroner - Chief Pathologist 1
 Deputy Coroners - Pathologists 7
 Resident Pathologist 2
Odontologists 2
Anthropologist 1
Radiologist 1
Entomologist 1

ADMINISTRATION

Administrative Assistant - Chief Investigator 1
 Purchasing Agent - Bookkeeper 1
 Secretary to the Coroner - Office Manager 1
 Supervisor of Secretaries 1
 Secretaries 8
 Technical Typist 1
 Computer Technician 2
 Librarian - Communications Clerk 1
 Telephone Operator - Receptionist 1
Grief Counselor 1

FORENSIC SCIENCE & TRACE EVIDENCE DEPARTMENT

Chief Forensic Scientist 1
 Forensic Scientists 5
 Forensic Serologist 1
 Laboratory Aid 1
 Secretary 1

TOXICOLOGY DEPARTMENT

Chief Toxicologist 1
 Lab Manager 1
 Associate Toxicologists 2
 Chemists 5
 Secretary 1
 Laboratory Aide (pathologist assistant)..... *

PHOTOGRAPHY DEPARTMENT

Chief Photographer 1
 Photographers 2

HISTOLOGY DEPARTMENT

Histology Supervisor 1
 Histology Technician 1

MEDICAL SECRETARIES

Medical Secretaries 3

RECEIVING DEPARTMENT

Receiving Desk Supervisor 1
 Receiving Desk Attendants 8

INVESTIGATION AND PROPERTY DEPARTMENT

Investigators - Property Clerks 2
 Supply and Grounds Keeper 1
 Messenger 1

AUTOPSY DEPARTMENT

*Pathologist Assistants 4

MEDICAL AND TECHNICAL ADVISORS

Computer Consultant 1

STATISTICS DEPARTMENT

Statistics Supervisor 1
 Statistician 1
 Technical Typist 1
 Microfilm Operator 1

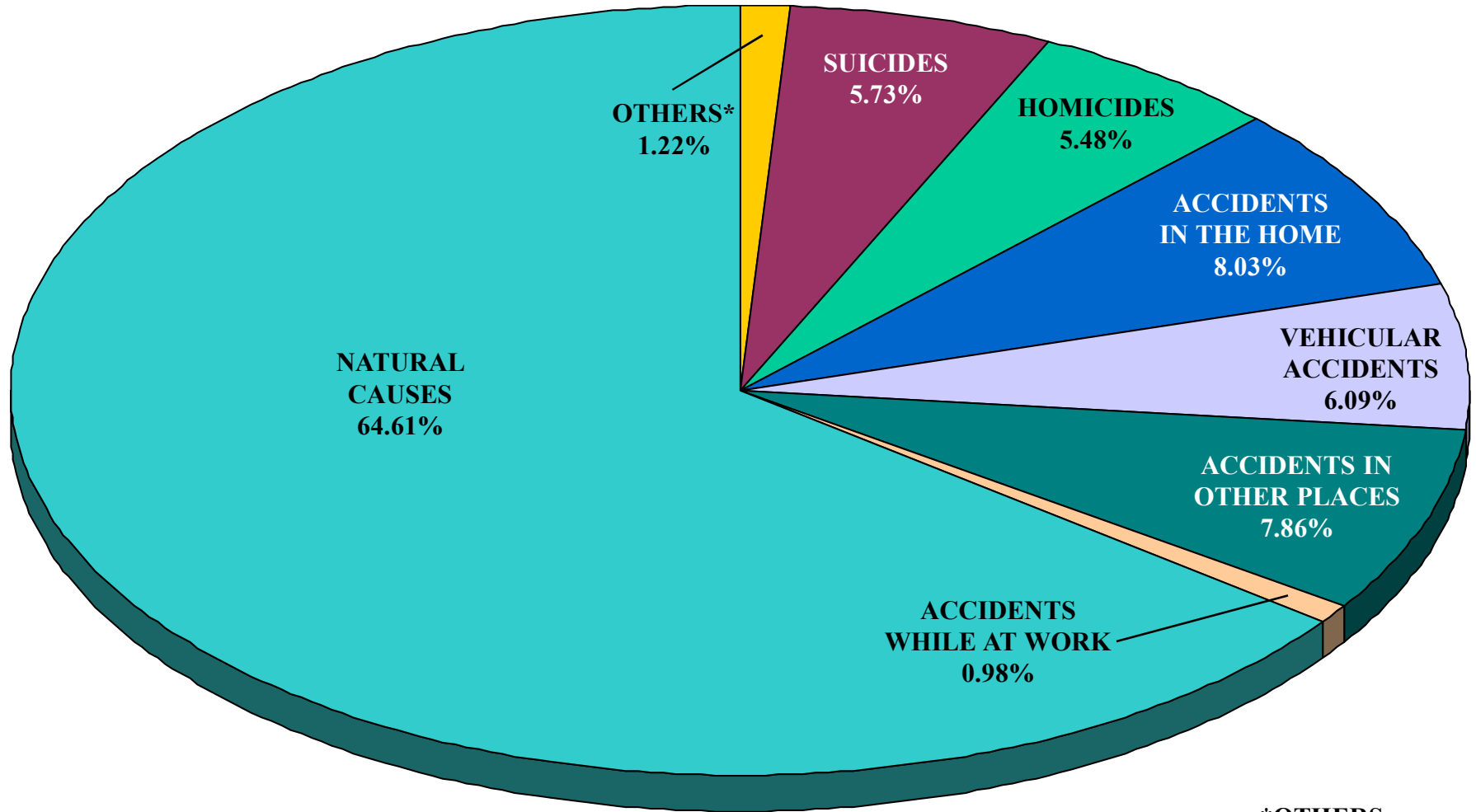
Total Full Time Employees 76

Total Part Time Employees 7

TOTAL (CORONER AND STAFF) 83

TYPES OF CASES RECEIVED AT THE CUYAHOGA COUNTY CORONER'S OFFICE

189,487 CASES (1943 - 2001)

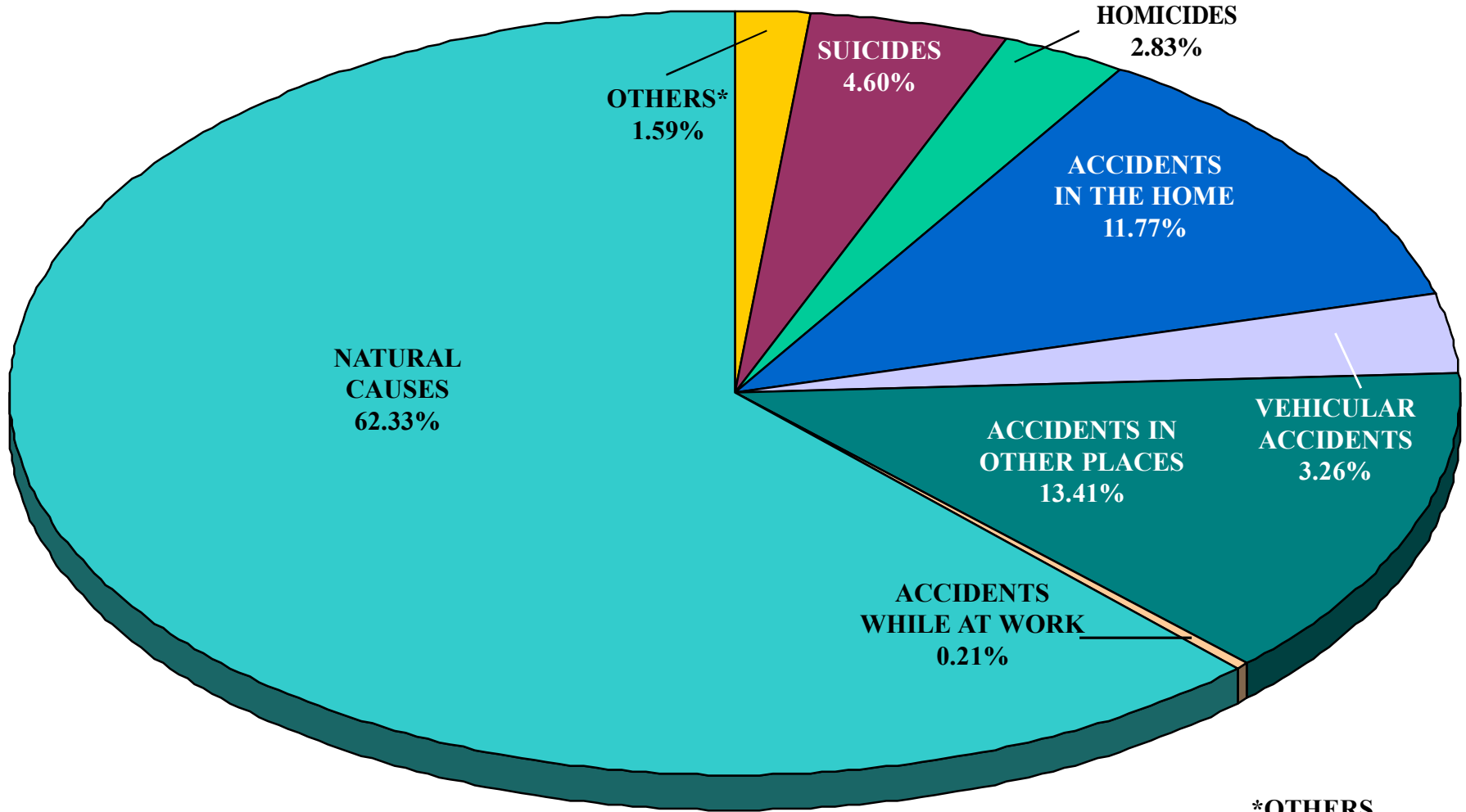


DEATHS FROM ACCIDENTS: 22.96%
 HOMICIDES, SUICIDES AND DEATHS FROM ACCIDENTS: 34.17%
 DEATHS FROM VIOLENCE: 34.72%
 DEATHS FROM NATURAL CAUSES: 65.28%

***OTHERS**
 ABORTIONS: 0.04%
 UNDETERMINED CAUSES: 0.20%
 VIOLENCE OF UNDETERMINED ORIGIN: 0.54%
 NEONATAL AND INTRA-UTERINE DEATHS: 0.44%
TOTAL: 1.22%

TYPES OF CASES RECEIVED AT THE CUYAHOGA COUNTY CORONER'S OFFICE

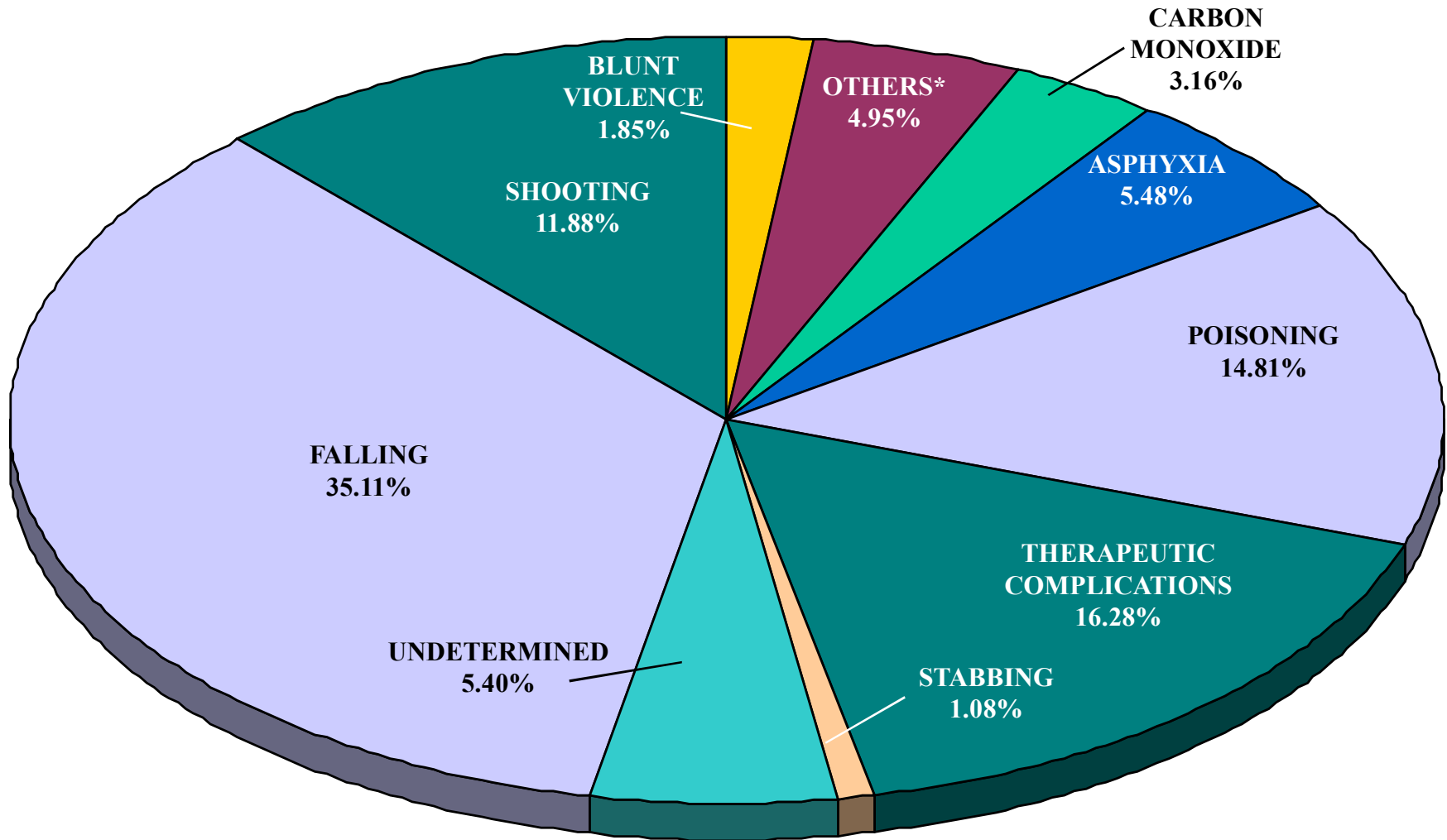
3,892 CASES (2001)



DEATHS FROM ACCIDENTS: 28.65%
 HOMICIDES, SUICIDES AND DEATHS FROM ACCIDENTS: 36.07%
 DEATHS FROM VIOLENCE: 36.56%
 DEATHS FROM NATURAL CAUSES: 63.44%

***OTHERS**
 ABORTIONS: 0.00%
 UNDETERMINED CAUSES: 0.46%
 VIOLENCE OF UNDETERMINED ORIGIN: 0.49%
 NEONATAL AND INTRA-UTERINE DEATHS: 0.64%
TOTAL: 1.59%

1,296** CASES (2001)



*OTHERS

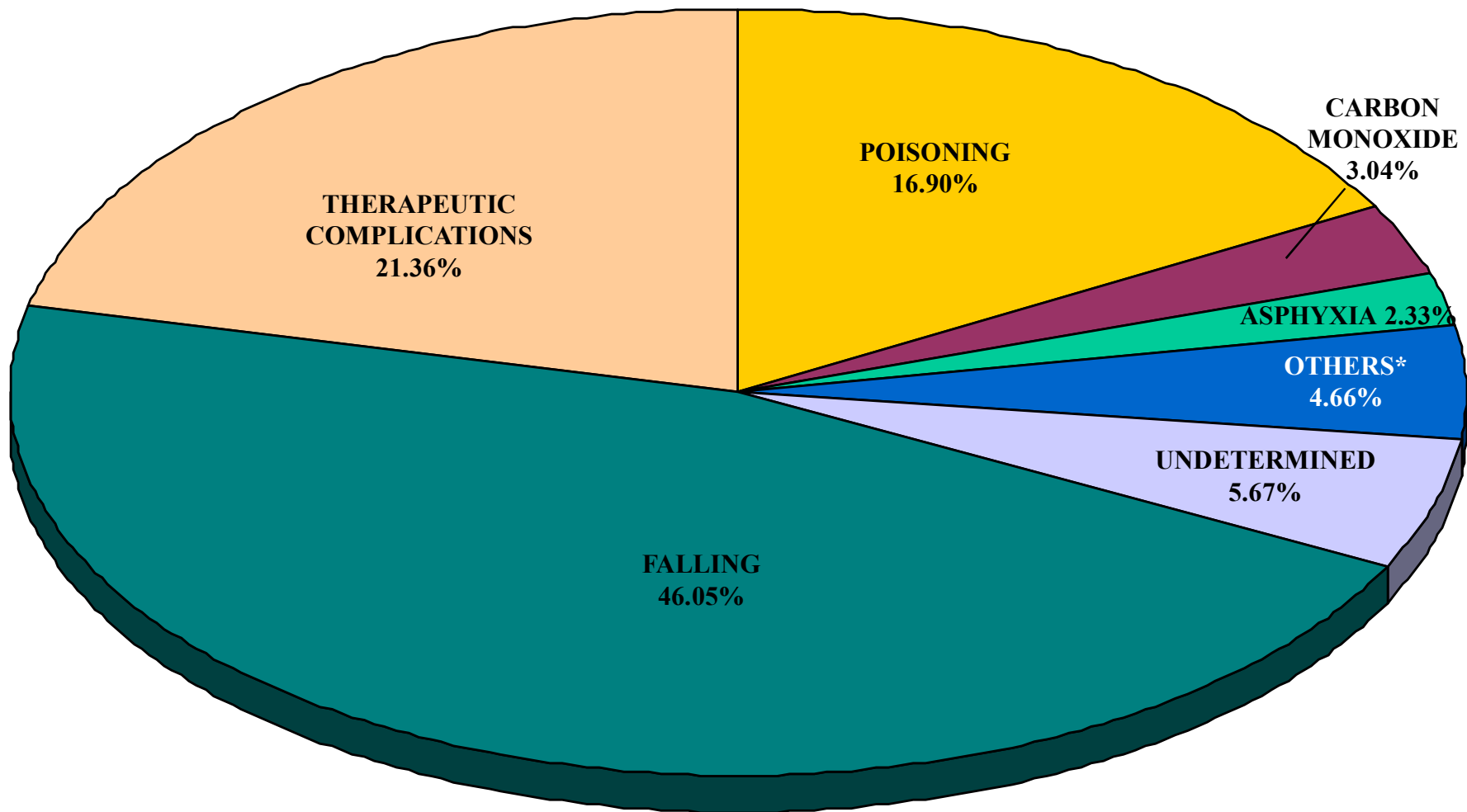
BURNING, BOATING, ELECTROCUTION, EXPLOSION, EXPOSURE, JUMPING, STRANGULATION, STRUCK BY OBJECT, TRAIN ACCIDENT, AND OTHERS.

**EXCLUDING VEHICULAR ACCIDENTS.

FATALITIES RESULTING FROM ACCIDENTS**

MODE OF OCCURRENCE 2001

988 CASES (2001)



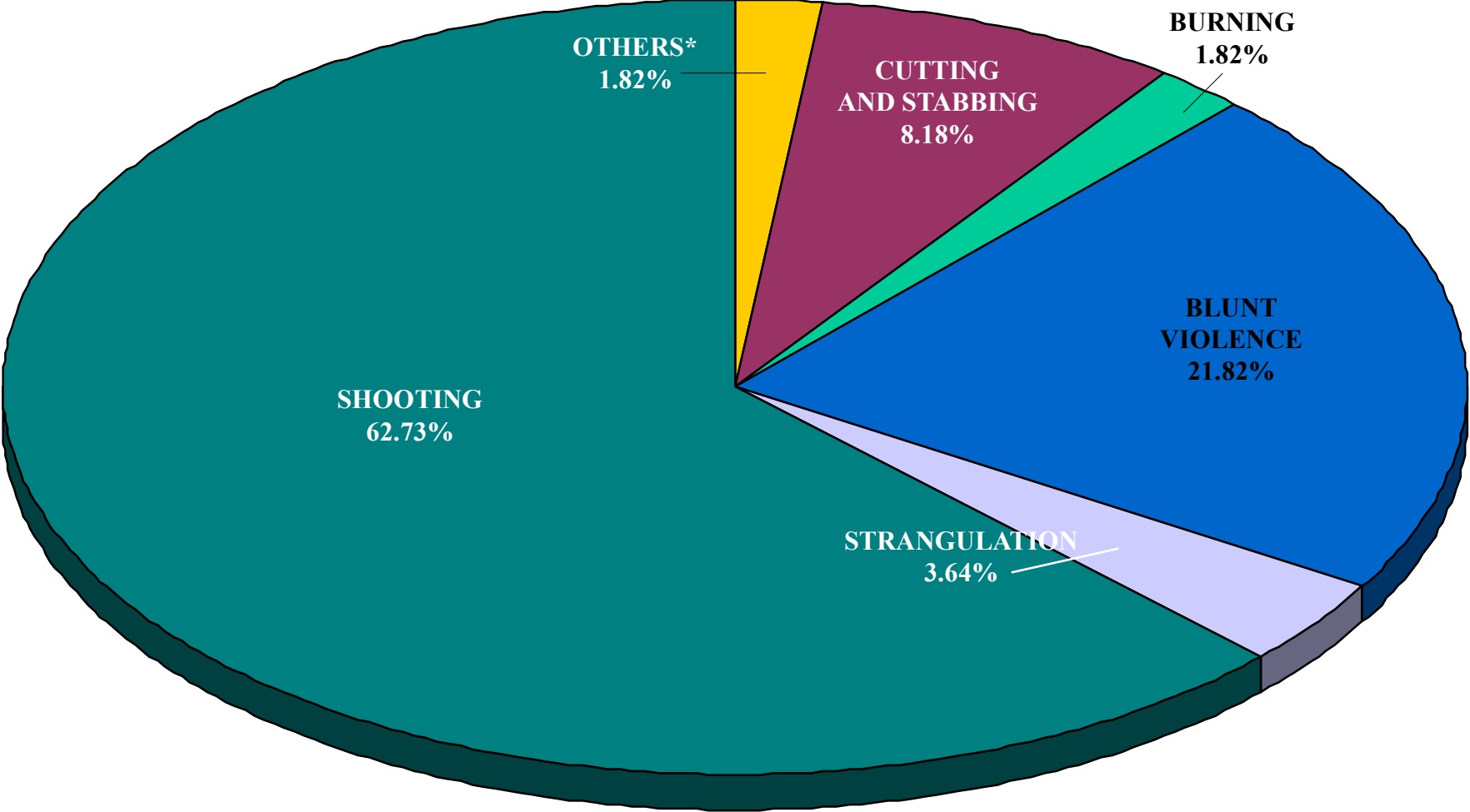
***OTHERS**

BOATING, BURNING, ELECTROCUTION, EXPOSURE, EXPLOSION, SHOOTING, JUMPING, STRUCK BY OBJECT, TRAIN ACCIDENT, AND OTHERS.

****EXCLUDING VEHICULAR ACCIDENTS.**

FATALITIES RESULTING FROM HOMICIDES
MODE OF OCCURRENCE 2001

110 CASES (2001)

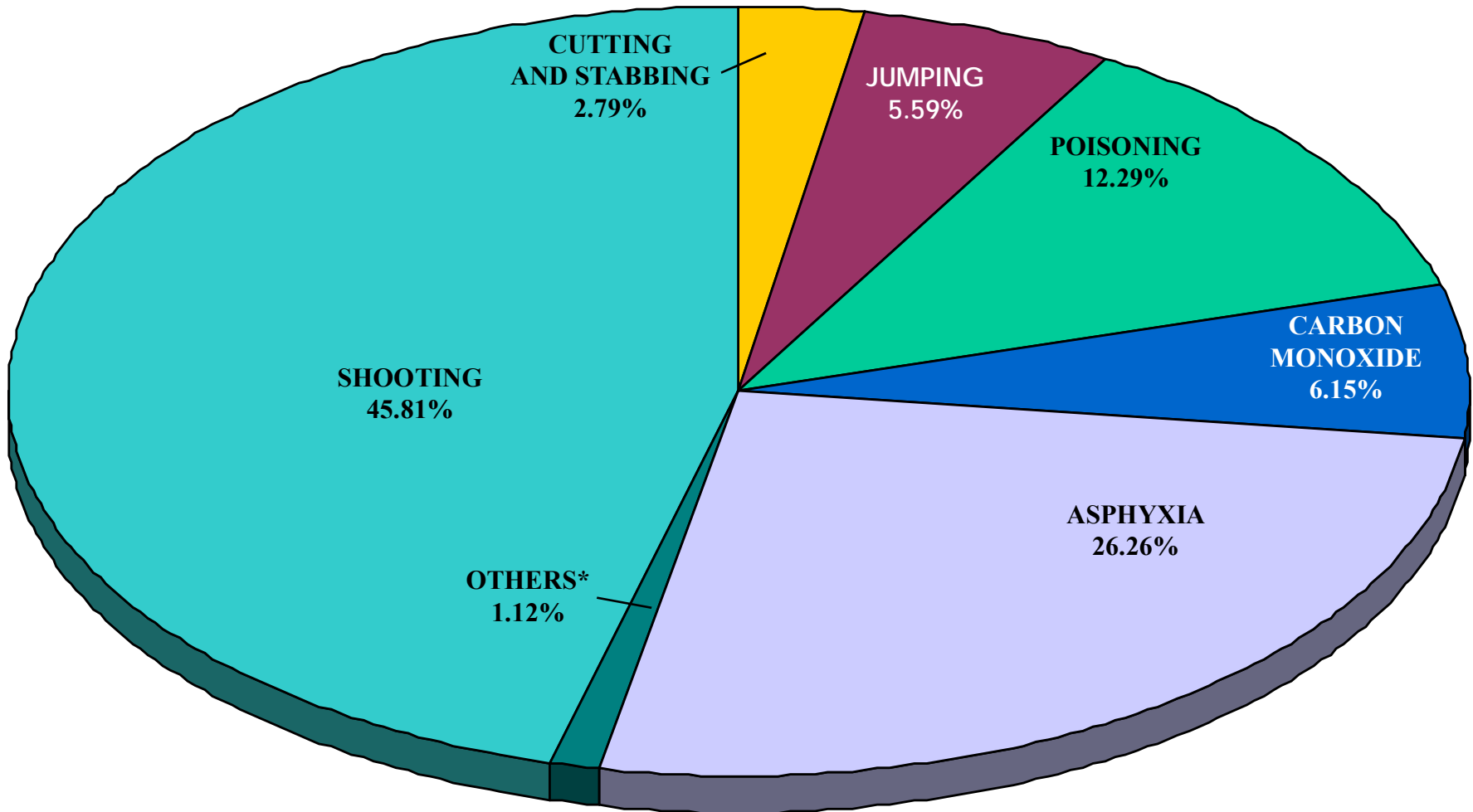


*OTHERS
DRAG RACING AND INTENTIONALLY RUN OVER BY AUTO.

FATALITIES RESULTING FROM SUICIDES

MODE OF OCCURRENCE 2001

179 CASES (2001)



***OTHERS**
PLACED SELF ON RAILROAD TRACKS AND WAS RUN OVER BY TRAIN.

TABLE A

TYPES OF FATALITIES AND MISCELLANEOUS INFORMATION/2000 AND 2001

	2000	2001
ACCIDENTS IN THE HOME	407	458
ACCIDENTS WHILE AT WORK	13	8
VEHICULAR ACCIDENTS	157	127
ACCIDENTS IN OTHER PLACES	501	522
HOMICIDES	100	110
SUICIDES	147	179
VIOLENCE OF UNDETERMINED ORIGIN	9	19
TOTAL VIOLENT DEATHS	1334	1423
NATURAL CAUSES	2428	2426
ABORTIONS	0	0
NEONATAL AND INTRA-UTERINE DEATHS	26	25
UNDETERMINED CAUSES	25	18
CASES REPORTED - ADMITTED	3813	3892
CASES REPORTED - NOT ADMITTED	1779	1861
AUTOPSIES (HOSPITALS INCLUDED)	1565*	1582**
AUTOPSIES PERFORMED FOR OTHER COUNTIES	104	152
UNIDENTIFIED BODIES	0	0
UNIDENTIFIED FOETUSES	1	0
IDENTIFIED, UNCLAIMED, AND DONATED	53	53
DEATHS IN CUYAHOGA COUNTY	15,296	N.A.
PERCENTAGE OF DEATHS ADMITTED	24.9%	N.A.

*Includes 86 Autopsies performed at hospitals.

**Includes 76 Autopsies performed at hospitals.

N.A. - Not available at time of publication.

2001 TYPES OF FATALITIES - SEX, RACE, AUTOPSY

TABLE B

	TOTAL	SEX		RACE		AUTOPSIED CASES*	% OF TOTAL CASES
		MALE	FEMALE	WHITE	NON-WHITE		
ACCIDENTS IN THE HOME	458	217	241	365	93	216	5.55
ACCIDENTS WHILE AT WORK	8	6	2	7	1	8	0.21
VEHICULAR ACCIDENTS	127	94	33	95	32	121	3.11
ACCIDENTS IN OTHER PLACES	522	237	285	421	101	171	4.39
HOMICIDES	110	84	26	37	73	109	2.80
SUICIDES	179	142	37	151	28	172	4.42
VIOLENCE OF UNDETERMINED ORIGIN	19	11	8	9	10	18	0.46
NATURAL CAUSES	2426	1377	1049	1664	762	724	18.60
ABORTIONS	0	0	0	0	0	0	0.00
NEONATAL AND INTRA-UTERINE DEATHS	25	16	9	6	19	25	0.64
UNDETERMINED CAUSES	18	10	8	7	11	18	0.46
GRAND TOTAL	3892	2194	1698	2762	1130	1582	40.65

*Includes 76 Autopsies performed at hospitals.

TABLE C**TYPES OF FATALITIES - 2000 AND 2001 INCIDENCE COMPARED**

	PERCENTAGE OF TOTAL CASES ADMITTED	
	2000	2001
ACCIDENTS IN THE HOME	10.67	11.77
ACCIDENTS WHILE AT WORK	0.34	0.21
VEHICULAR ACCIDENTS	4.12	3.26
ACCIDENTS IN OTHER PLACES	13.14	13.41
HOMICIDES	2.62	2.83
SUICIDES	3.86	4.6
VIOLENCE OF UNDETERMINED ORIGIN	0.24	0.49
TOTAL OF VIOLENT DEATHS	34.99	36.56
NATURAL CAUSES	63.68	62.33
ABORTIONS	0.00	0
NEONATAL AND INTRA-UTERINE DEATHS	0.68	0.64
UNDETERMINED CAUSES	0.66	0.46

	NUMBER OF CASES	NUMBER OF CASES TESTED	PERCENTAGE OF CASES TESTED	NUMBER POSITIVE OF THOSE TESTED	PERCENTAGE POSITIVE OF THOSE TESTED
ACCIDENTS IN THE HOME	458	268	58.52	57	21.27
ACCIDENTS WHILE AT WORK	8	8	100.00	0	0.00
VEHICULAR ACCIDENTS	127	117	92.13	28	23.93
ACCIDENTS IN OTHER PLACES	522	222	42.53	24	10.81
TOTAL	1115	615	55.16	109	17.72
HOMICIDES	110	110	100.00	30	27.27
SUICIDES	179	177	98.88	45	25.42
VIOLENCE OF UNDETERMINED ORIGIN	19	15	78.95	1	6.67
TOTAL	1423	917	64.44	185	20.17
NATURAL CAUSES	2426	2035	83.88	128	6.29
ABORTIONS	0	0	0.00	0	0.00
NEONATAL AND INTRA-UTERINE	25	17	68.00	0	0.00
UNDETERMINED CAUSES	18	18	100.00	3	16.67

TABLE E**2001 VEHICULAR FATALITIES/DAILY ALCOHOL INCIDENCE**

DAY	MOTORCYCLIST (1)		DRIVER (2)		PASSENGER (3)		PEDESTRIAN (4)		TOTAL	
	TESTED	POSITIVE	TESTED	POSITIVE	TESTED	POSITIVE	TESTED	POSITIVE	TESTED	POSITIVE
SUNDAY	2	1	6	3	7	5	1	0	16	9
MONDAY	1	0	7	1	2	0	3	0	13	1
TUESDAY	1	0	6	0	1	0	6	1	14	1
WEDNESDAY	1	0	11	1	1	1	4	0	17	2
THURSDAY	2	1	5	2	3	1	4	0	14	4
FRIDAY	3	0	14	3	2	1	4	0	23	4
SATURDAY	3	2	6	3	3	1	4	1	16	7
TOTAL	13	4	55	13	19	9	26	2	113	28

(1) See Table 59A

(2) See Table 58 and 59

(3) See Table 60

(4) See Table 61

2001 SUMMARY CHART - CUYAHOGA COUNTY

DISTRIBUTION OF SELECTED CORONER'S CASES IN EACH MUNICIPALITY

TABLE F

	TOTAL INSIDE CASES		NATURAL CAUSES		HOME, WORK AND OTHER FATALITIES		VEHICULAR FATALITIES		HOMICIDES		SUICIDES	
	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases
Cleveland	1750	44.95	1086	62.06	430	24.57	41	2.34	83	4.74	66	3.77
Bay Village	12	0.31	7	58.33	3	25.00			1	8.33	1	8.33
Beachwood	28	0.72	10	35.71	16	57.14					2	7.14
Bedford	63	1.62	51	80.95	10	15.87	1	1.59				
Bedford Heights	12	0.31	8	66.67	2	16.67			1	8.33	1	8.33
Berea	23	0.59	9	39.13	13	56.52					1	4.35
Brecksville	14	0.36	11	78.57	1	7.14					2	14.29
Broadview Heights	14	0.36	6	42.86	4	28.57	1	7.14			3	21.43
Brooklyn	13	0.33	4	30.77	4	30.77	3	23.08			2	15.38
Brook Park	26	0.67	13	50.00	8	30.77	2	7.69			3	11.54
Cleveland Heights	52	1.34	32	61.54	16	30.77	1	1.92			3	5.77
East Cleveland	132	3.39	108	81.82	14	10.61	1	0.76	6	4.55	2	1.52
Euclid	196	5.03	137	69.90	38	19.39	7	3.57	1	0.51	9	4.59
Fairview Park	20	0.51	15	75.00	3	15.00					1	5.00
Garfield Heights	85	2.18	62	72.94	17	20.00	1	1.18			4	4.71
Highland Heights	1	0.03	1	100.00								
Independence	11	0.28	7	63.64	2	18.18	2	18.18				
Lakewood	142	3.65	87	61.27	41	28.87	4	2.82			8	5.63
Lyndhurst	26	0.67	19	73.08	6	23.08					1	3.85
Maple Heights	34	0.87	23	67.65	5	14.71	2	5.88			4	11.76
Mayfield Heights	122	3.13	87	71.31	28	22.95	2	1.64	1	0.82	4	3.28
Middleburg Heights	125	3.21	101	80.80	18	14.40	2	1.60			3	2.40
North Olmsted	46	1.18	22	47.83	17	36.96	3	6.52			3	6.52
North Royalton	27	0.69	12	44.44	12	44.44					2	7.41
Olmsted Falls	7	0.18	4	57.14	2	28.57					1	14.29
Parma	252	6.47	165	65.48	68	26.98	1	0.40	1	0.40	16	6.35
Parma Heights	39	1.00	20	51.28	13	33.33	1	2.56			4	10.26
Pepper Pike	1	0.03	1	100.00								
Richmond Heights	38	0.98	26	68.42	10	26.32	1	2.63			1	2.63
Rocky River	32	0.82	15	46.87	14	43.75	1	3.12			2	6.25
Seven Hills	9	0.23	4	44.44	2	22.22	1	11.11			1	11.11
Shaker Heights	25	0.64	10	40.00	8	32.00	3	12.00	2	8.00	2	8.00
Solon	31	0.80	21	67.74	6	19.35	1	3.23			3	9.68
South Euclid	21	0.54	15	71.43	4	19.05	1	4.76			1	4.76
Strongsville	39	1.00	13	33.33	18	46.15	1	2.56	3	7.69	4	10.26
University Heights	9	0.23	4	44.44	3	33.33					2	22.22
Warrensville Heights	114	2.93	105	92.11	5	4.39			2	1.70		
Westlake	111	2.85	74	66.67	32	28.83	3	2.70			2	1.80

Not included in statistics are Violence of Undetermined Origin, Undetermined Causes, Out of County Deaths, and Neonatal and Intra-uterine Deaths.

TABLE F (continued) DISTRIBUTION OF SELECTED CORONER'S CASES IN EACH MUNICIPALITY

VILLAGES AND TOWNSHIPS	TOTAL INSIDE CASES		NATURAL CAUSES		HOME, WORK AND OTHER FATALITIES		VEHICULAR FATALITIES		HOMICIDES		SUICIDES	
	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases
<u>VILLAGES:</u>												
Bentleyville	4	0.10					2	50.00			2	50.00
Bratenahl	3	0.08	3	100.00								
Brooklyn Heights	1	0.03			1	100.00						
Chagrin Falls	7	0.18	2	28.57	4	57.14					1	14.29
Cuyahoga Heights	2	0.05	1	50.00							1	50.00
Gates Mills	2	0.05	2	100.00								
Glenwillow	5	0.13	5	100.00								
Highland Hills	6	0.15	4	66.67	2	33.33						
Hunting Valley	2	0.05			2	100.00						
Linndale	0	0.00										
Mayfield	3	0.08			2	66.67	1	33.33				
Moreland Hills	1	0.03	1	100.00								
Newburg Heights	3	0.08			2	66.67	1	33.33				
North Randall	5	0.13	1	20.00	1	20.00			2	40.00	1	20.00
Oakwood	5	0.13	2	40.00	2	40.00					1	20.00
Orange	4	0.10			2	50.00					2	50.00
Valley View	1	0.03	1	100.00								
Walton Hills	2	0.05			2	100.00						
Woodmere	1	0.03			1	100.00						
<u>TOWNSHIPS:</u>												
Chagrin Falls	0	0.00										
Olmsted	16	0.14	9	56.25	6	37.50					1	6.25
Riveredge	0	0.00										
<u>Turnpike in County</u>	1	0.03					1	100.00				

Not included in statistics are Violence of Undetermined Origin, Undetermined Causes, Out of County Deaths, and Neonatal and Intra-uterine Deaths.

DEATHS IN COUNTY, DEATHS REPORTED TO CORONER/CASES RECEIVED 1940 - 2001 **TABLE G**

COUNTY POPULATION 1940: 1,217,250				
DEATHS IN COUNTY	TOTAL DEATHS REPORTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY	CASES ADMITTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY
1940:	11,193	N.A.	1,184	10.6%
1941:	12,582	N.A.	1,392	11.1%
1942:	12,868	N.A.	1,385	10.8%
1943:	13,931	2,739	1,434	10.3%
1944:	13,234	2,544	1,420	10.7%
1945:	13,104	2,624	1,478	11.3%
1946:	13,049	2,890	1,588	12.0%
1947:	13,946	3,120	1,904	13.6%
1948:	13,695	3,203	1,924	14.0%
1949:	13,837	3,849	2,012	14.4%

COUNTY POPULATION 1950: 1,389,532				
DEATHS IN COUNTY	TOTAL DEATHS REPORTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY	CASES ADMITTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY
1950:	13,769	3,431	2,218	16.8%
1951:	14,156	3,496	2,213	14.7%
1952:	14,727	3,477	2,183	14.8%
1953:	14,896	3,646	2,392	16.0%
1954:	14,607	3,851	2,767	18.9%
1955:	14,751	4,085	2,945	20.0%
1956:	15,389	4,651	3,259	21.1%
1957:	16,063	4,634	3,274	20.3%
1958:	15,919	4,963	3,602	22.6%
1959:	16,088	4,328	3,626	22.5%

COUNTY POPULATION 1960: 1,647,895				
DEATHS IN COUNTY	TOTAL DEATHS REPORTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY	CASES ADMITTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY
1960:	16,425	5,159	3,513	21.4%
1961:	16,144	5,019	3,622	22.7%
1962:	16,701	5,231	3,883	23.3%
1963:	17,142	5,385	4,083	23.8%
1964:	16,915	5,490	4,037	23.9%
1965:	17,062	5,227	4,012	23.5%
1966:	17,415	5,303	4,136	23.7%
1967:	17,300	5,518	4,141	23.9%
1968:	18,087	5,997	4,455	24.6%
1969:	17,287	5,415	4,436	25.7%

TABLE G (cont.)

DEATHS IN COUNTY, DEATHS REPORTED TO CORONER/CASES RECEIVED 1940 - 2001

COUNTY POPULATION 1970: 1,721,300					
DEATHS IN COUNTY	TOTAL DEATHS REPORTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY	CASES ADMITTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY	
1970:	17,305	5,125	29.6%	4,314	24.9%
1971:	16,834	5,183	30.8%	4,246	25.2%
1972:	17,267	5,602	32.4%	4,384	25.4%
1973:	17,234	4,908	28.5%	4,321	25.2%
1974:	16,948	5,118	30.2%	4,228	25.0%
1975:	16,013	4,795	29.9%	4,005	25.0%
1976:	16,252	4,630	28.5%	4,085	25.1%
1977:	16,124	4,831	30.0%	4,185	25.9%
1978:	16,562	4,472	27.0%	3,669	22.1%
1979:	16,359	4,847	29.6%	3,782	23.2%

COUNTY POPULATION 1980: 1,498,400					
DEATHS IN COUNTY	TOTAL DEATHS REPORTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY	CASES ADMITTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY	
1980:	16,209	5,655	34.9%	3,540	21.8%
1981:	15,737	4,977	31.6%	3,147	20.0%
1982:	15,458	5,327	34.5%	2,840	18.4%
1983:	15,554	5,278	33.9%	2,957	19.0%
1984:	15,666	5,268	33.6%	2,922	18.7%
1985:	15,669	5,463	34.9%	2,782	17.8%
1986:	15,975	5,159	32.3%	2,707	16.9%
1987:	15,502	5,341	34.5%	2,713	17.5%
1988:	15,667	5,579	35.6%	2,737	17.5%
1989:	15,407	5,708	37.1%	3,028	19.7%

COUNTY POPULATION 1990: 1,412,140					
DEATHS IN COUNTY	TOTAL DEATHS REPORTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY	CASES ADMITTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY	
1990:	15,400	5,929	38.5%	3,079	20.0%
1991:	15,245	5,977	39.2%	3,118	20.5%
1992:	14,899	5,665	38.0%	2,903	19.5%
1993:	15,458	5,717	37.0%	3,121	20.2%
1994:	15,518	5,808	37.4%	3,008	19.4%
1995:	15,738	5,878	37.3%	3,157	20.1%
1996:	15,176	5,583	37.8%	2,768	18.2%
1997:	15,209	5,575	36.7%	2,744	18.0%
1998:	14,919	5,367	36.0%	3,096	20.8%
1999:	14,992	5,508	36.7%	3,594	24.0%

TRENDS

COUNTY POPULATION 2000: 1,393,978				
DEATHS IN COUNTY	TOTAL DEATHS REPORTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY	CASES ADMITTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY
2000: 15,296	5,592	36.6%	3,813	24.9%
2001: N.A.	5,753	N.A.	3,892	N.A.

N.A. - Not available at time of publication.

TABLE H

TYPES OF FATALITIES SUMMARY 1940 - 2001

COUNTY POPULATION 1940: 1,217,250										
YEAR	TOTALS					VIOLENT DEATHS				
	TOTAL CASES	TOTAL NATURAL	TOTAL VIOLENT	% NATURAL	% VIOLENT	HOMICIDE	SUICIDE	ACCIDENT	VEHICULAR*	V.U.O.
1940	1,184	528	656	44.59	55.41	63	200	376	195	17
1941	1,392	662	730	47.56	52.44	54	167	492	249	17
1942	1,385	670	715	48.38	51.62	84	156	471	214	4
1943	1,434	802	632	55.93	44.07	66	137	422	179	7
1944	1,420	813	607	57.25	42.75	58	122	405	177	22
1945	1,478	812	666	54.94	45.06	70	148	442	167	6
1946	1,588	816	772	51.39	48.61	86	151	519	213	16
1947	1,904	1,136	768	59.66	40.34	90	184	472	201	22
1948	1,924	1,188	736	61.75	38.25	97	168	449	166	22
1949	2,012	1,262	750	62.72	37.28	95	167	471	163	17

COUNTY POPULATION 1950: 1,389,532										
YEAR	TOTALS					VIOLENT DEATHS				
	TOTAL CASES	TOTAL NATURAL	TOTAL VIOLENT	% NATURAL	% VIOLENT	HOMICIDE	SUICIDE	ACCIDENT	VEHICULAR*	V.U.O.
1950	2,218	1,528	690	68.89	31.11	83	142	453	159	12
1951	2,213	1,512	701	68.32	31.68	91	128	474	171	8
1952	2,183	1,421	762	65.09	34.91	106	139	507	205	10
1953	2,392	1,549	843	64.76	35.24	98	141	599	224	5
1954	2,767	1,939	828	70.08	29.92	93	165	554	177	16
1955	2,945	2,105	840	71.48	28.52	82	184	572	173	2
1956	3,259	2,269	990	69.62	30.38	128	170	686	199	6
1957	3,274	2,304	970	70.37	29.63	96	151	717	199	6
1958	3,602	2,624	978	72.85	27.15	95	161	716	174	6
1959	3,626	2,607	1,019	71.90	28.10	94	161	750	179	14

COUNTY POPULATION 1960: 1,647,895										
YEAR	TOTALS					VIOLENT DEATHS				
	TOTAL CASES	TOTAL NATURAL	TOTAL VIOLENT	% NATURAL	% VIOLENT	HOMICIDE	SUICIDE	ACCIDENT	VEHICULAR*	V.U.O.
1960	3,513	2,438	1,075	69.40	30.60	102	186	768	182	19
1961	3,662	2,689	973	73.43	26.57	100	157	702	165	14
1962	3,883	2,935	948	75.59	24.41	74	180	676	142	18
1963	4,083	3,033	1,050	74.28	25.72	114	169	757	160	10
1964	4,037	2,979	1,058	73.79	26.21	137	192	711	169	18
1965	4,012	2,889	1,123	72.01	27.99	129	198	785	228	11
1966	4,136	2,953	1,183	71.40	28.60	166	197	805	236	15
1967	4,141	2,900	1,241	70.03	29.97	185	189	847	242	20
1968	4,455	3,109	1,346	69.79	30.21	210	214	887	264	35
1969	4,436	2,968	1,468	66.91	33.09	317	188	931	313	32

*Vehicular fatalities are included in Accident totals.

TRENDS

TYPES OF FATALITIES SUMMARY 1940 - 2001

TABLE H (continued)

TRENDS

COUNTY POPULATION 1970: 1,721,300										
YEAR	TOTALS					VIOLENT DEATHS				
	TOTAL CASES	TOTAL NATURAL	TOTAL VIOLENT	% NATURAL	% VIOLENT	HOMICIDE	SUICIDE	ACCIDENT	VEHICULAR*	V.U.O.
1970	4,314	2,871	1,443	66.55	33.45	310	223	888	274	22
1971	4,246	2,825	1,421	66.53	33.47	324	202	869	229	26
1972	4,384	2,909	1,475	66.35	33.65	363	218	873	270	21
1973	4,321	2,780	1,541	64.34	35.66	327	259	930	253	25
1974	4,228	2,748	1,480	65.00	35.00	362	233	856	211	29
1975	4,005	2,583	1,422	64.49	35.51	351	218	834	214	19
1976	4,085	2,732	1,353	66.88	33.12	305	248	771	243	29
1977	4,185	2,826	1,359	67.53	32.47	300	251	785	229	23
1978	3,669	2,439	1,230	66.48	33.52	268	222	727	220	13
1979	3,782	2,371	1,411	62.69	37.31	325	276	791	261	19

COUNTY POPULATION 1980: 1,498,400										
YEAR	TOTALS					VIOLENT DEATHS				
	TOTAL CASES	TOTAL NATURAL	TOTAL VIOLENT	% NATURAL	% VIOLENT	HOMICIDE	SUICIDE	ACCIDENT	VEHICULAR*	V.U.O.
1980	3,504	2,258	1,282	63.79	36.21	314	237	713	227	18
1981	3,147	1,930	1,217	61.33	38.67	269	238	694	223	16
1982	2,840	1,750	1,090	61.62	38.38	251	228	599	179	12
1983	2,957	1,883	1,074	63.68	36.32	196	191	673	212	14
1984	2,922	1,829	1,093	62.59	37.41	202	208	667	217	16
1985	2,782	1,748	1,034	62.83	37.14	188	220	608	201	18
1986	2,707	1,697	1,010	62.69	37.31	169	183	629	186	29
1987	2,713	1,679	1,034	61.89	38.11	183	187	643	181	21
1988	2,737	1,705	1,032	62.29	37.71	189	153	682	177	8
1989	3,028	1,824	1,204	60.24	39.76	188	183	820	176	13

COUNTY POPULATION 1990: 1,412,140										
YEAR	TOTALS					VIOLENT DEATHS				
	TOTAL CASES	TOTAL NATURAL	TOTAL VIOLENT	% NATURAL	% VIOLENT	HOMICIDE	SUICIDE	ACCIDENT	VEHICULAR*	V.U.O.
1990	3,079	1,801	1,278	58.49	41.51	221	164	877	203	16
1991	3,118	1,833	1,285	58.79	41.21	236	184	845	182	20
1992	2,903	1,675	1,228	57.70	42.30	221	181	814	149	12
1993	3,121	1,729	1,363	56.33	43.67	218	183	949	143	13
1994	3,008	1,770	1,238	58.84	41.16	179	166	875	134	18
1995	3,157	1,751	1,406	55.46	44.54	166	195	1023	160	22
1996	2,768	1,562	1,206	56.43	43.57	144	151	890	152	21
1997	2,744	1,476	1,268	53.79	46.21	120	148	963	171	37
1998	3,096	1,861	1,235	60.11	39.89	123	148	942	154	22
1999	3,594	2,323	1,271	64.64	35.36	106	147	1005	151	13

*Vehicular fatalities are included in Accident totals.

TABLE H (continued)

TYPES OF FATALITIES SUMMARY 1940 - 2001

COUNTY POPULATION 2000: 1,393,978										
YEAR	TOTALS					VIOLENT DEATHS				
	TOTAL CASES	TOTAL NATURAL	TOTAL VIOLENT	% NATURAL	% VIOLENT	HOMICIDE	SUICIDE	ACCIDENT	VEHICULAR*	V.U.O.
2000	3,813	2,479	1,334	65.01	34.99	100	147	1,078	157	9
2001	3,892	2,469	1,423	63.44	35.56	110	179	1,115	127	19

*Vehicular fatalities are included in Accident totals.

2001 CORONER'S TRAUMA CASES LIFE-FLIGHTED FROM OTHER COUNTIES

TABLE I

COUNTY	SEX		MANNER					LOCATION OF DEATH		GRAND TOTAL
	M	F	VEHICULAR	HOMICIDE	SUICIDE	ACCIDENT	NATURAL	CLEVELAND	REST OF COUNTY	
Ashland	1		1					1		1
Ashtabula	7	3	6	1	1	2		10		10
Crawford	2			1		1		2		2
Erie	2	1	1	1		1		3		3
Geauga	4		3			1		2	2	4
Holmes		1				1		1		1
Huron	1	1	2					2		2
Jefferson	1					1			1	1
Lake	4	1	3			2		5		5
Lorain	10	7	11	2		4		16	1	17
Mahoning	1		1					1		1
Medina	5	1	1		3	2		4	2	6
Ottawa	1					1		1		1
Portage	3		1			2		2	1	3
Summit	2	1	1	1		1		3		3
Trumbull	2	2	3		1			4		4
Tuscarawas	1		1					1		1
TOTAL	47	18	35	6	5	19		58	7	65



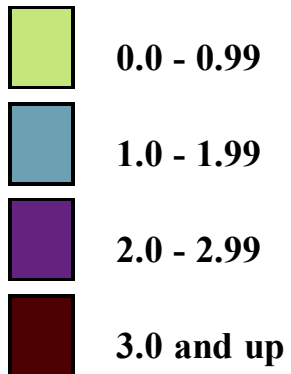
TABLE J

2001 AUTOPSIES PERFORMED FOR OTHER COUNTIES

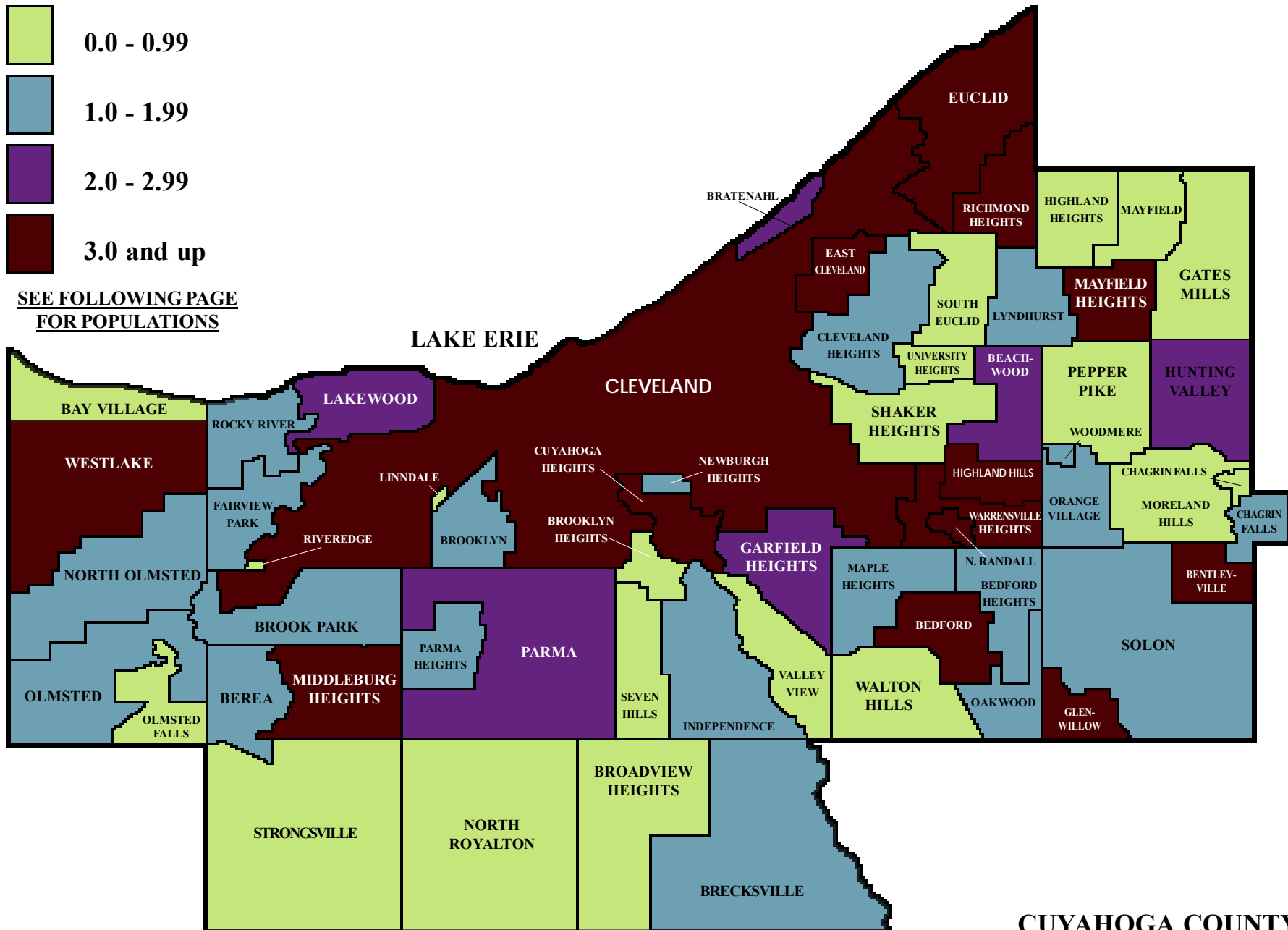
COUNTY	SEX		MANNER						GRAND TOTAL
	M	F	VEHICULAR	HOMICIDE	SUICIDE	ACCIDENT	NATURAL	UNDETERMINED	
Ashland	13	4	7	2		4	4		17
Ashtabula	44	17	17	5	1	14	23	1	61
Columbiana	6	8				7	5	2	14
Geauga	22	7	8		7	2	12		29
Harrison	1	1				1		1	2
Huron	4	3	4			1	2		7
Jefferson	4			2		2			4
Lake	3						2	1	3
Mahoning	4	1	1				3	1	5
Medina	4	5	1	2	2	1	2	1	9
Trumbull		1	1						1
Total	105	47	39	11	10	34	53	7	152

2001 DISTRIBUTION OF CORONER'S CASES PER 1,000 POPULATION

MAP 1



SEE FOLLOWING PAGE FOR POPULATIONS



CUYAHOGA COUNTY

POPULATION OF CUYAHOGA COUNTY BY CITIES, VILLAGES, AND TOWNSHIPS (2000 CENSUS)

CITIES

CLEVELAND	478,403
Bay Village	16,087
Beachwood	12,186
Bedford	14,214
Bedford Heights	11,375
Berea	18,970
Brecksville	13,382
Broadview Heights	15,967
Brooklyn	11,586
Brook Park	21,218
Cleveland Heights	49,958
East Cleveland	27,217
Euclid	52,717
Fairview Park	17,572
Garfield Heights	30,734
Highland Heights	8,082
Independence	7,109
Lakewood	56,646
Lyndhurst	15,279
Maple Heights	26,156
Mayfield Heights	19,386
Middleburg Heights	15,542
North Olmsted	34,113
North Royalton	28,648
Olmsted Falls	7,962
Parma	85,655
Parma Heights	21,659
Pepper Pike	6,040
Richmond Heights	10,944
Rocky River	20,735
Seven Hills	12,080
Shaker Heights	29,405

Solon	21,802
South Euclid	23,537
Strongsville	43,858
University Heights	14,146
Warrensville Heights	15,109
Westlake	31,719

VILLAGES

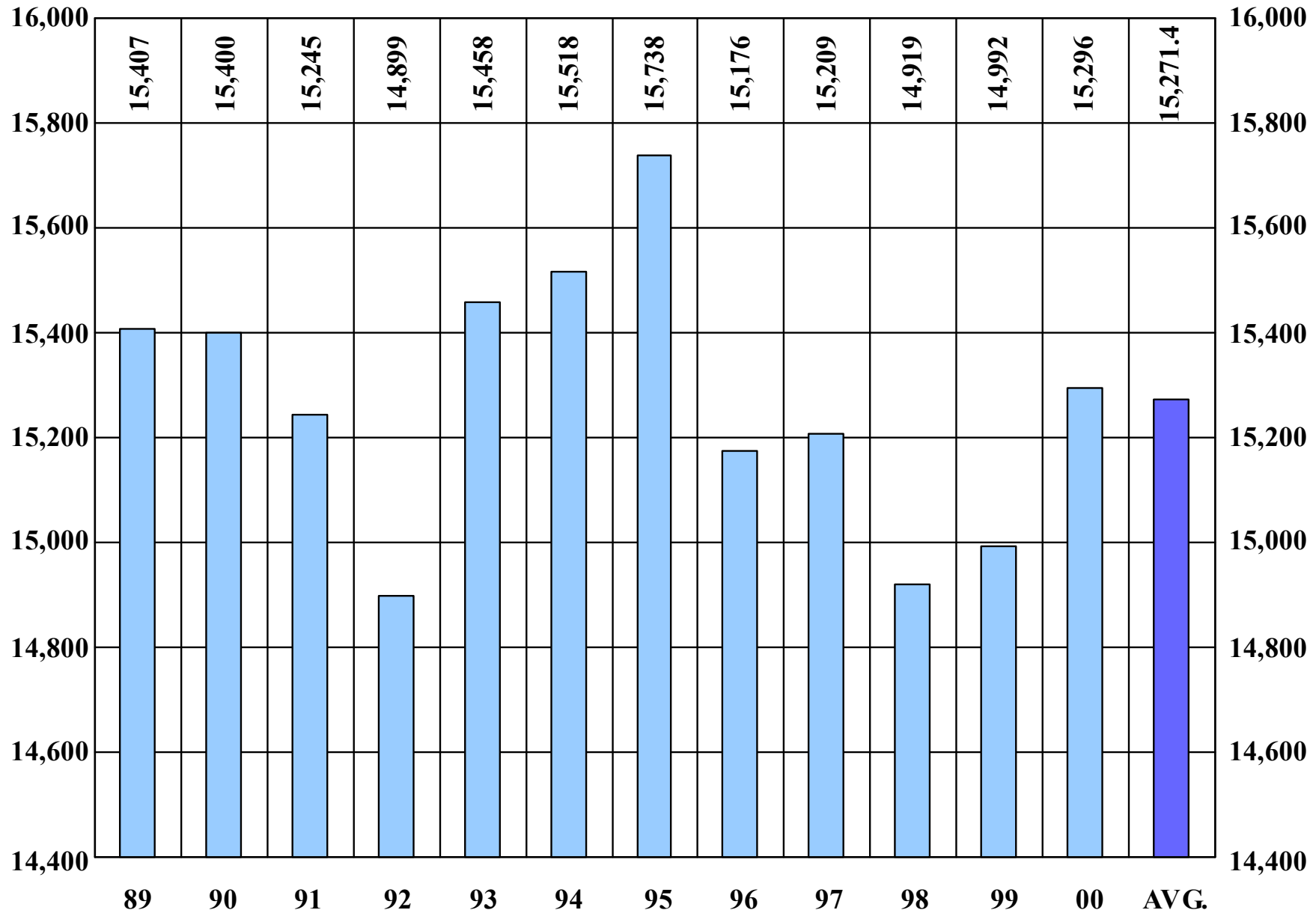
Bentleyville	947
Bratenahl	1,337
Brooklyn Heights	1,558
Chagrin Falls	4,024
Cuyahoga Heights	599
Gates Mills	2,493
Glenwillow	449
Highland Hills	1,618
Hunting Valley	735
Linndale	117
Mayfield	3,435
Moreland Hills	3,298
Newburgh Heights	2,389
North Randall	906
Oakwood	3,667
Orange	3,236
Valley View	2,179
Walton Hills	2,400
Woodmere	828

TOWNSHIPS

Chagrin Falls	135
Olmsted	10,575
Riveredge	0

POPULATION OF CUYAHOGA COUNTY 1,393,978

TOTAL OF ALL DEATHS IN CUYAHOGA COUNTY FOR A PERIOD OF TWELVE YEARS*

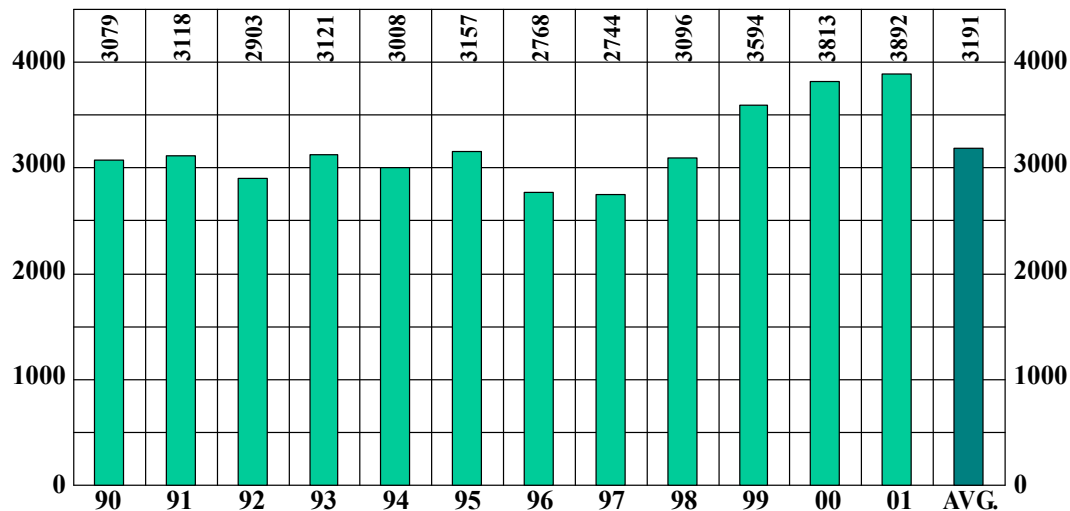


*2001 Number of deaths not available at time of publication.



SUMMARY OF CORONER'S CASES

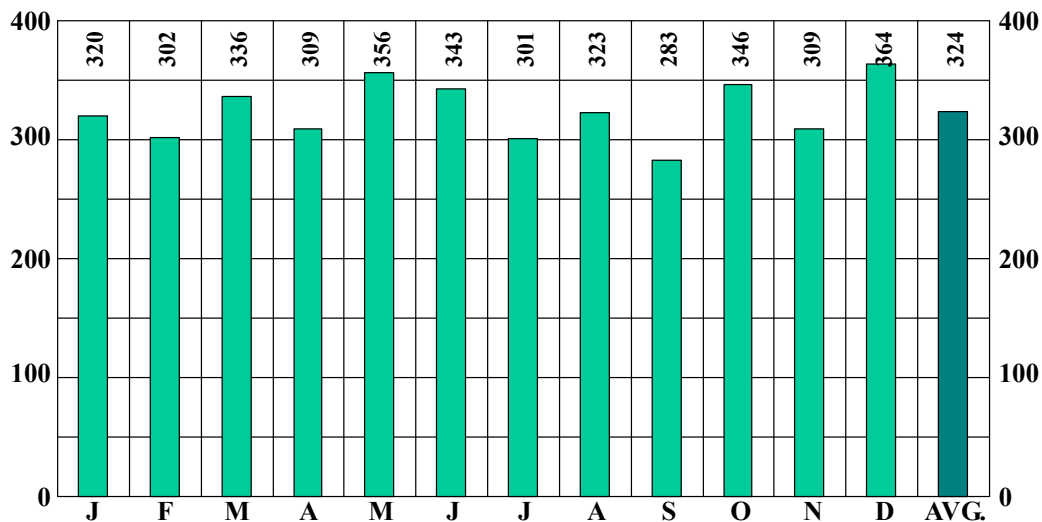
FOR A PERIOD OF TWELVE YEARS



1990 - 2001
TOTAL CASES
38,293

SUMMARY OF CORONER'S CASES

BY MONTH FOR THE YEAR 2001



2001
TOTAL CASES
3,892

TABLE 1 SUMMARY OF ALL FATALITIES BY TYPE, LOCATION WITH MISCELLANEOUS DATA

TYPE OF FATALITY	COUNTY			OUT OF COUNTY	TOTAL	MISCELLANEOUS	TOTAL
	CLEVELAND	OTHER CITIES	REST OF COUNTY				
ACCIDENTS IN THE HOME	175	225	17	41	458	CASES REPORTED - NOT ADMITTED	1861
ACCIDENTS WHILE AT WORK	3	3	0	2	8	AUTOPSIES**	1582**
VEHICULAR ACCIDENTS*	41	46	5	35	127	AUTOPSIES (performed for other counties)	152
ACCIDENTS IN OTHER PLACES	252	235	10	25	522	UNIDENTIFIED BODIES	0
HOMICIDES	83	18	2	7	110	UNIDENTIFIED FOETUSES	0
SUICIDES	66	98	9	6	179	IDENTIFIED, UNCLAIMED AND DONATED BODIES	53
VIOLENCE OF UNDETERMINED ORIGIN	11	8	0	0	19	DEATHS IN CUYAHOGA COUNTY	N.A.
TOTAL VIOLENT DEATHS	631	633	43	116	1423		
NATURAL CAUSES	1086	1309	31	0	2426		
NEONATAL AND INTRA-UTERINE DEATHS	23	2	0	0	25		
ABORTIONS					0		
UNDETERMINED CAUSES	10	8	0	0	18		
TOTAL CASES REPORTED AND ADMITTED	1750	1952	74	116	3892		

*Vehicular Accidents, Summary Tables 1, 2, 4, 6, and 8 are tabulated by date of death reflecting fatalities received in 2001.

**Includes 76 autopsies performed at hospitals.

REST OF COUNTRY includes Turnpikes, Villages and Townships.

N.A. - Not available at time of publication.

2001 SUMMARY OF CORONER'S CASES

TOTAL CASES BY MONTH AND TYPE OF FATALITY

TABLE 2

TYPE OF FATALITY	JAN.		FEB.		MARCH		APRIL		MAY		JUNE		JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
ACCIDENTS IN THE HOME	16	20	21	18	23	25	13	11	13	21	17	23	14	18	21	21	14	13	24	28	18	24	23	19	217	241	458
ACCIDENTS WHILE AT WORK						1			1				1		1		1				2	1			6	2	8
VEHICULAR ACCIDENTS	6	3	8		5	4	10	2	5		9	1	15	5	10	4	10	4	7	2	4	2	5	6	94	33	127
ACCIDENTS IN OTHER PLACES	19	23	16	25	21	29	15	21	22	30	30	24	20	23	28	19	16	21	19	28	13	18	18	24	237	285	522
HOMICIDE	4		4	1	3		6	6	7	1	10	5	11	2	13	3	5		6		6	3	9	5	84	26	110
SUICIDE	12	5	14	3	13	2	12	4	10	5	10	5	6	4	10	1	9		12	6	21	1	13	1	142	37	179
VIOLENCE OF UNDETERMINED ORIGIN	1	2		2	1			1	2	1	1				1		2	1	1		1	1	1		11	8	19
NATURAL CAUSES	127	80	107	79	122	85	110	96	134	102	114	84	106	73	107	81	89	93	117	93	108	81	136	102	1377	1049	2426
ABORTIONS																											0
NEONATAL AND INTRA-UTERINE DEATHS		1	1	2	1	1	1		1	1	6	2	1		1		1	1	1	1	1	2			16	9	25
UNDETERMINED CAUSES		1		1			1				2		1	1	1	1		3	1		3		1	1	10	8	18
GRAND TOTAL	185	135	171	131	189	147	168	141	195	161	199	144	175	126	193	130	147	136	188	158	178	131	206	158	2194	1698	3892

SUMMARY

TABLE 3

AUTOPSIES BY MONTH AND TYPE OF FATALITY

TYPE OF FATALITY	JAN.		FEB.		MARCH		APRIL		MAY		JUNE		JULY		AUG		SEPT.		OCT.		NOV.		DEC.		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
ACCIDENTS IN THE HOME	12	5	12	7	13	5	7	2	8	3	13	12	11	6	13	6	10	4	14	8	9	8	20	6	142	72	214
ACCIDENTS WHILE AT WORK						1			1				1		1		1				2	1			6	2	8
VEHICULAR ACCIDENTS	6	2	8	1	5	3	9	3	6		7	1	14	5	11	4	7	3	8	2	4	2	4	6	89	32	121
ACCIDENTS IN OTHER PLACES	5	4	6	6	6	3	4	2	15	8	10	5	5	6	15	4	7	5	9	4	5	3	6	3	93	53	146
HOMICIDE	4		3	1	2		8	6	7	1	10	5	11	2	13	3	4		7		6	3	8	5	83	26	109
SUICIDE	13	5	11	2	14	2	12	4	10	4	10	3	6	5	10	1	8		12	5	19	2	13	1	138	34	172
VIOLENCE OF UNDETERMINED ORIGIN	1	2		2	1			1	1	1	2				1		2	1			1		1		10	7	17
NATURAL CAUSES	39	18	30	26	44	30	36	22	40	22	40	18	27	17	29	28	27	20	34	17	29	24	39	24	414	266	680
ABORTIONS																											0
NEONATAL AND INTRA-UTERINE DEATHS				1	1		1	1		1	1	6	2	1		1			1	2	2				14	7	21
UNDETERMINED CAUSES		1		1			1				2		1	1	1	1		3	1		3		1	1	10	8	18
GRAND TOTAL	80	37	71	47	85	45	78	40	89	40	100	46	77	42	95	47	66	36	86	38	80	43	92	46	999	507	1506

SUMMARY

2001 SUMMARY OF CORONER'S CASES

TOTAL CASES BY AGE GROUP AND TYPE OF FATALITY

TABLE 4

TYPE OF FATALITY	Under 1 Year		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80 and Over		TOTAL		GRAND TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
ACCIDENTS IN THE HOME 458	1	1	2	1	1				4	1	8	1	11	4	9	4	14	3	20	10	26	11	14	10	8	9	6	7	10	5	8	21	20	29	55	124	217	241		
ACCIDENTS WHILE AT WORK												1	2	1	1	1					1	1															6	2	8	
VEHICULAR ACCIDENTS			4	2	1	1		1	10	4	11	1	3	1	6	2	8	2	13	1	7	1	5	6			1	2	3	6	3	3	6	9	4	94	33	127		
ACCIDENTS IN OTHER PLACES	1	2		1	2	1	1	1	4	1	2	2	6		3	4	10	4	20	5	16	5	14	10	7	12	22	7	18	11	22	26	42	40	47	153	237	285	522	
HOMICIDE	2	2	3	2	1		3	2	14	4	11	1	7	3	12	3	6	3	4	3	7	1	11			2			1			1			1	84	26	110		
SUICIDE								7	2	11	5	8	1	12	2	11	3	19	5	16	4	14	2	10	4	4		7	1	5	3	9	1	9	4	142	37	179		
VIOLENCE OF UNDETERMINED ORIGIN	1		1	2	1			1							1				3	2		2	1							1	1	1	1	1	1	11	8	19		
NATURAL CAUSES	7	4	2	3		3	2	2	7	3	8	5	10	6	15	12	35	18	58	30	99	50	122	58	114	61	132	65	141	84	175	115	169	141	281	389	1377	1049	2426	
ABORTIONS																																								0
NEONATAL AND INTRA-UTERINE DEATHS	16	9																																				16	9	25
UNDETERMINED CAUSES 18	7	4										1	1			1					1	2		1														10	8	18
GRAND TOTAL	35	22	12	11	6	5	6	6	47	15	51	16	46	16	59	29	86	34	134	57	174	74	183	80	148	86	166	80	178	105	216	168	245	218	402	676	2194	1698	3892	

SUMMARY

TABLE 5

AUTOPSIES BY AGE GROUP AND TYPE OF FATALITY

TYPE OF FATALITY	Under 1 Year		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80 and Over		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
ACCIDENTS IN THE HOME	1		1	2	1	1				3	1	8	1	11	4	9	4	14	3	19	10	24	9	14	8	7	6	4	3	6	1	3	4	5	7	11	9	142	72
ACCIDENTS WHILE AT WORK															1		2	1	1	1					1		1												6
VEHICULAR ACCIDENTS			4	2	1	1	1	10	4	10	1	3	1	6	2	8	2	13	1	7	1	4		6			1	1	3	5	3	3	5	8	4	89	32	121	
ACCIDENTS IN OTHER PLACES	1			1	2	1	1	1	4		1	1	5		2	4	9	3	18	2	12	2	7	5	2	6	4	4	7	3	3	6	6	8	9	6	93	53	146
HOMICIDE	2	2	3	2	1		3	2	14	4	11	1	7	3	12	3	6	3	4	3	7	1	11			2			1						1	83	26	109	
SUICIDE									5	1	11	4	8	1	12	2	11	3	18	5	15	4	14	2	10	4	4		6	1	5	2	10	1	9	4	138	34	172
VIOLENCE OF UNDETERMINED ORIGIN	1		1	2	1				1								1				2	2		2		1					1	1			1	10	7		
NATURAL CAUSES	7	3	1	3		3	1	1	3	3	7	4	9	6	13	9	30	14	42	26	66	31	45	26	31	23	35	14	31	11	33	21	25	22	35	46	414	266	680
ABORTIONS																																							0
NEONATAL AND INTRA-UTERINE DEATH	14	7																																			14	7	

UNDETERMINED CAUSES 7 4 1 1 1 1 2 1 10 8 18

GRAND TOTAL 33 17 11 11 6 5 5 5 40 13 48 13 44 16 56 26 80 29 114 49 134 50 98 41 59 39 49 22 51 20 49 36 50 44 72 71 999 507 1506

SUMMARY

2001 SUMMARY OF CORONER'S CASES

GEOGRAPHICAL LOCATION - ALL FATALITIES SUMMARY

TABLE 6

SUMMARY

CITIES	VIOLENT DEATHS															GRAND TOTAL
	ACCIDENTS					OTHER VIOLENCE					NATURAL CAUSES	ABORTIONS	INTRA-UTERINE AND NEONATAL	UNDETERMINED CAUSES	TOTAL	
	ACCIDENTS IN THE HOME	ACCIDENTS WHILE AT WORK	VEHICULAR ACCIDENT	ACCIDENTS IN OTHER PLACES	TOTAL ACCIDENTS	HOMICIDE	SUICIDE	UNDETERMINED ORIGIN	TOTAL OTHER VIOLENCE	TOTAL ALL VIOLENCE						
Cleveland	175	3	41	252	471	83	66	11	160	631	1086	0	23	10	1119	1750
Bay Village	2			1	3	1	1		2	5	7				7	12
Beachwood	7			9	16		2		2	18	10				10	28
Bedford	6		1	4	11					11	51			1	52	63
Bedford Heights	2				2	1	1		2	4	8				8	12
Berea	6			7	13		1		1	14	9				9	23
Brecksville	1				1		2		2	3	11				11	14
Broadview Heights	2		1	2	5		3		3	8	6				6	14
Brooklyn	4		3		7		2		2	9	4				4	13
Brook Park	5		2	3	10		3		3	13	13				13	26
Cleveland Heights	14		1	2	17		3		3	20	32				32	52
East Cleveland	5		1	9	15	6	2	1	9	24	108				108	132
Euclid	16		7	22	45	1	9	2	12	57	137		1	1	139	196
Fairview Park	3				3		1	1	2	5	15				15	20
Garfield Heights	8	1	1	8	18		4		4	22	62			1	63	85
Highland Heights											1				1	1
Independence	1	1	2		4					4	7				7	11
Lakewood	24		4	17	45		8		8	53	87			2	89	142
Lyndhurst	3			3	6		1		1	7	19				19	26
Maple Heights	4		2	1	7		4		4	11	23				23	34
Mayfield Heights	6		2	22	30	1	4		5	35	87				87	122
Middleburg Heights	4		2	14	20		3		3	23	101			1	102	125
North Olmsted	11		3	6	20		3		3	23	22		1		23	46
North Royalton	7			5	12		2	1	3	15	12				12	27
Olmsted Falls				2	2		1		1	3	4				4	7
Parma	33	1	1	34	69	1	16	1	18	87	165				165	252
Parma Heights	9		1	4	14		4		4	18	20			1	21	39
Pepper Pike											1				1	1
Richmond Heights	5		1	5	11		1		1	12	26				26	38
Rocky River	8		1	6	15		2		2	17	15				15	32
Seven Hills	2		1		3		1	1	2	5	4				4	9
Shaker Heights	3		3	5	11	2	2		4	15	10				10	25
Solon	3		1	3	7		3		3	10	21				21	31
South Euclid	3		1	1	5		1		1	6	15				15	21
Strongsville	9		1	9	19	3	4		7	26	13				13	39
University Heights	3				3		2		2	5	4				4	9
Warrensville Heights	1			4	5	2		1	3	8	105			1	106	114
Westlake	5		3	27	35		2		2	37	74				74	111
GRAND TOTAL	400	6	87	487	980	101	164	19	284	1264	2395		25	18	2438	3702

TABLE 7

GEOGRAPHICAL LOCATION - ALL FATALITIES SUMMARY

VILLAGES AND TOWNSHIPS	VIOLENT DEATHS										NATURAL CAUSES	ABORTIONS	INTRA-UTERINE AND NEONATAL	UNDETERMINED CAUSES	TOTAL	GRAND TOTAL	
	ACCIDENTS					OTHER VIOLENCE											
	ACCIDENTS IN THE HOME	ACCIDENTS WHILE AT WORK	VEHICULAR ACCIDENTS	ACCIDENTS IN OTHER PLACES	TOTAL ACCIDENTS	HOMICIDE	SUICIDE	UNDETERMINED ORIGIN	TOTAL OTHER VIOLENCE	TOTAL ALL VIOLENCE							
VILLAGES:																	
Bentleyville			2		2		2		2	4							4
Bratenahl											3				3		3
Brooklyn Heights	1				1					1							1
Chagrin Falls	3			1	4		1		1	5	2				2		7
Cuyahoga Heights							1		1	1	1				1		2
Gates Mills											2				2		2
Glenwillow											5				5		5
Highland Hills				2	2					2	4				4		6
Hunting Valley	2				2					2							2
Linndale																	0
Mayfield	2		1		3					3							3
Moreland Hills											1				1		1
Newburgh Heights	2		1		3					3							3
North Randall	1				1	2	1		3	4	1				1		5
Oakwood				2	2		1		1	3	2				2		5
Orange	1			1	2		2		2	4							4
Valley View											1				1		1
Walton Hills	1			1	2												2
Woodmere				1	1					1							1
TOTAL VILLAGES	13		4	8	25	2	8		10	35	22				22		57
TOWNSHIPS:																	
Chagrin Falls																	0
Olmsted	4			2	6		1		1	7	9				9		16
TOTAL TUNRPIKES			1		1					1							1
TOTAL	4		1	2	7		1		1	8	9				9		17

SUMMARY

2001 SUMMARY OF CORONER'S CASES

GEOGRAPHICAL LOCATION - ALL FATALITIES SUMMARY

TABLE 7A

	VIOLENT DEATHS										NATURAL CAUSES	ABORTIONS	INTRA-UTERINE AND NEONATAL	UNDETERMINED CAUSES	TOTAL	GRAND TOTAL
	ACCIDENTS					OTHER VIOLENCE										
	ACCIDENTS IN THE HOME	ACCIDENTS WHILE AT WORK	VEHICULAR ACCIDENTS	ACCIDENTS IN OTHER PLACES	TOTAL ACCIDENTS	HOMICIDE	SUICIDE	UNDETERMINED ORIGIN	TOTAL OTHER VIOLENCE	TOTAL ALL VIOLENCE						
TOTALS																
CITIES	400	6	87	487	980	101	164	19	284	1264	2395		25	18	2438	3702
VILLAGES	13		4	8	25	2	8		10	35	22				22	57
TOWNSHIPS	4			2	6		1		1	7	9				9	16
OUT OF COUNTY	41	2	35	25	103	7	6		13	116						116
TURNPIKE			1		1					1						1
GRAND TOTAL	458	8	127	522	1115	110	179	19	308	1423	2426	0	25	18	2469	3892

SUMMARY

TABLE 8

ACCIDENT FATALITIES BY MONTH

MONTH	HOME ACCIDENTS					WORK ACCIDENTS					VEHICULAR ACCIDENTS					OTHER ACCIDENTS					TOTALS					GRAND TOTAL						
	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	TURNPIKE	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL		CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	TURNPIKE	OUT OF COUNTY
JANUARY	12	20			4	36							5	2	1			1	9	21	19	1	1		42	38	41	2	1	5	87	
FEBRUARY	15	16	2	1	5	39							1	4				3	8	16	23	1		1	41	32	43	3	1	9	88	
MARCH	20	23	2		3	48		1				1	2	4				3	9	24	21	1		4	50	46	49	3		10	108	
APRIL	10	11	1		2	24							5	4				3	12	16	19			1	36	31	34	1		6	72	
MAY	11	19	1		3	34		1			1	1	3	1				1	5	29	21	2			52	43	42	3		4	92	
JUNE	16	17	2		5	40							3	6		1			10	23	27	1	1	2	54	42	50	3	1	1	7	104
JULY	13	14	1		4	32					1	1	5	5	1			9	20	22	20	1			43	40	39	3		14	96	
AUGUST	16	23		1	2	42		1				1	5	3	1			5	14	23	20			4	47	44	47	1	1	11	104	
SEPTEMBER	12	13			2	27	1					1	1	7	1			5	14	20	13	1		3	37	34	33	2		10	79	
OCTOBER	23	24	2	1	2	52							2	3				4	9	22	22			3	47	47	49	2	1	9	108	
NOVEMBER	14	23			5	42	2				1	3	3	3					6	14	12			5	31	33	38			11	82	
DECEMBER	13	22	2	1	4	42							6	4				1	11	22	18			2	42	41	44	2	1	7	95	
TOTAL	175	225	13	4	41	458	3	3			2	8	41	46	4		1	35	127	252	235	8	2	25	522	471	509	25	6	1	103	1115

SUMMARY

2001 SUMMARY OF CORONER'S CASES

HOMICIDES, SUICIDES, VIOLENCE OF UNDETERMINED ORIGIN/FATALITIES BY MONTH **TABLE 9**

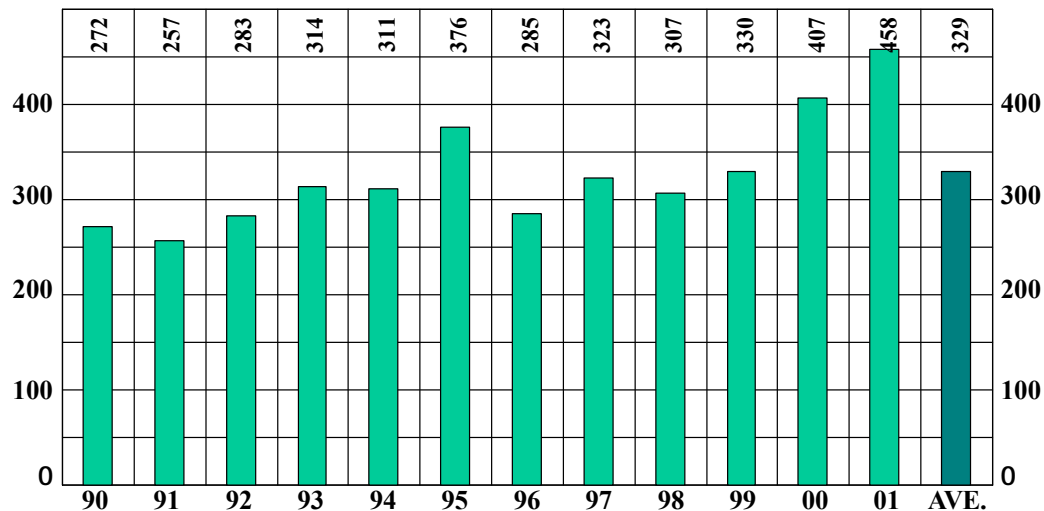
SUMMARY

MONTH	HOMICIDES					SUICIDES					VIOLENCE OF UNDETERMINED ORIGIN					TOTAL					GRAND TOTAL			
	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES		VILLAGES	TOWNSHIPS	OUT OF COUNTY
JANUARY	3	1				4	6	9	2			17		3				3	9	13	2			24
FEBRUARY	2	1			2	5	3	14			17	1	1					2	6	16			2	24
MARCH	2	1				3	6	7		2	15	1						1	9	8			2	19
APRIL	9	2	1			12	3	11	1	1	16		1					1	12	14	2		1	29
MAY	7	1				8	6	6	1	1	15	2	1					3	15	8	1	1	1	26
JUNE	8	5			2	15	5	9	1		15	1						1	14	14	1		2	31
JULY	12				1	13	7	2	1		10								19	2	1		1	23
AUGUST	12	3			1	16	6	5			11	1						1	19	8			1	28
SEPTEMBER	4	1				5	3	5	1		9	2	1					3	9	7	1			17
OCTOBER	6					6	7	10		1	18	1						1	14	10			1	25
NOVEMBER	8	1				9	7	13	1	1	22	2						2	17	14	1		1	33
DECEMBER	10	2	1		1	14	7	7			14		1					1	17	10	1		1	29
TOTAL	83	18	2		7	110	66	98	8	1	6	179	11	8				19	160	124	10	1	13	308



ACCIDENTS IN THE HOME

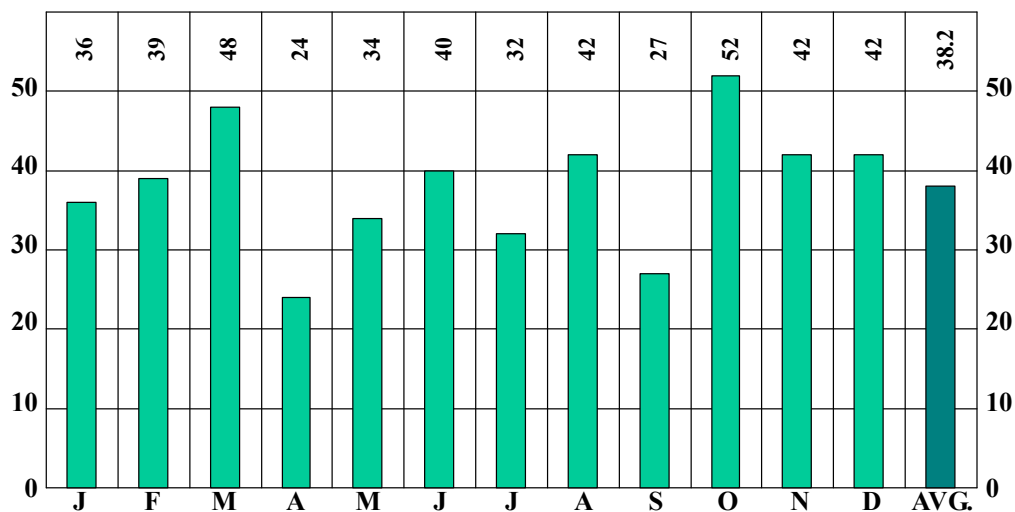
FOR A PERIOD OF TWELVE YEARS



		NUMBER	PERCENT
SEX	MALE	217	47
	FEMALE	241	53
RACE	WHITE	365	80
	NON-WHITE	93	20
ALCOHOL	TESTED	268	59
	POSITIVE	57	21
AUTOPSY	AUTOPSIED	214	47

ACCIDENTS IN THE HOME

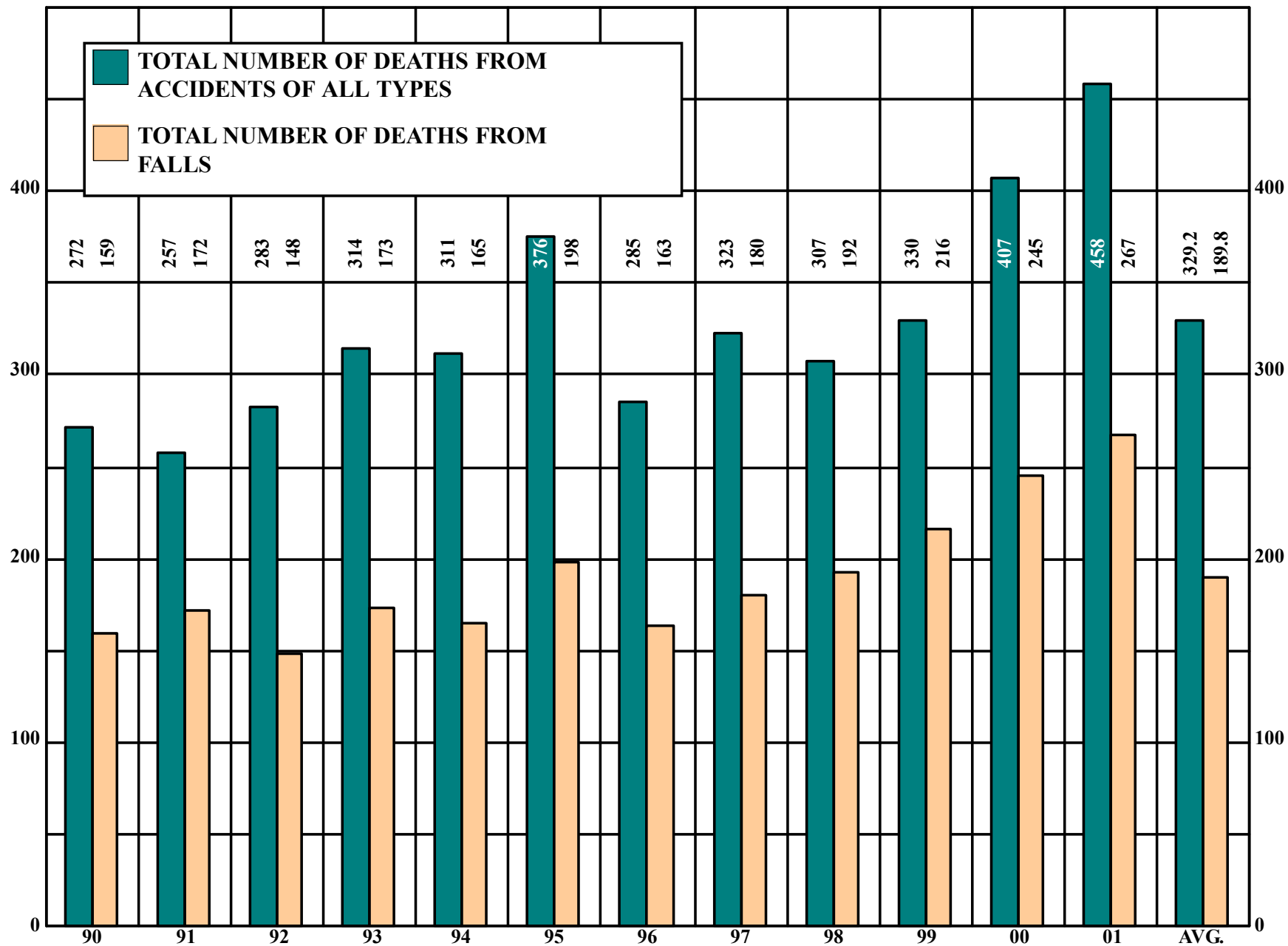
BY MONTH FOR THE YEAR 2001



2001
TOTAL CASES
458

FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

DEATHS RESULTING FROM ACCIDENTS AND ACCIDENTAL FALLS IN THE HOME FOR A PERIOD OF TWELVE YEARS



ACCIDENTS IN THE HOME

2001 FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

AGE - RACE - ALCOHOL INCIDENCE

TABLE 11

AGE	RACE	TOTAL	NOT TESTED								TESTED			STAGES																			
			Total		Surv'd Too Long		Under Age		Other		Total		Neg.	Pos.	0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over						
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
Under 1 Year	White																																
	Non-White	2	1	1									1	1	1	1																	
1 - 4	White																																
	Non-White	3	2	1									2	1	2	1																	
5 - 9	White	1	1										1	1																			
	Non-White																																
10 - 14	White																																
	Non-White																																
15 - 19	White	3	2	1	2		2						1		1																		
	Non-White	2	2										2		2																		
20 - 24	White	7	6	1									6	1	3	1	3				1												
	Non-White	2	2										2		2																		
25 - 29	White	10	8	2									8	2	6	2	2				1				1								
	Non-White	5	3	2									3	2	2	2	1				1												
30 - 34	White	8	6	2									6	2	2	2	4				1			1		1							
	Non-White	5	3	2									3	2	2	1	1	1				1			1								
35 - 39	White	14	12	2									12	2	6	2	6				3			2		1							
	Non-White	3	2	1									2	1	2	1																	
40 - 44	White	20	16	4									16	4	11	2	5	2	1		1			1		1	2						
	Non-White	10	4	6									4	6	3	4	1	2						1	1		1						
45 - 49	White	21	16	5	1		1						15	5	6	5	9				2			3		1		2					
	Non-White	16	10	6									10	6	5	3	5	3						3	3		1						
50 - 54	White	18	9	9		1		1					9	8	5	5	4	3	1				1		1		2	1					
	Non-White	6	5	1									5	1	4	1	1						1										
55 - 59	White	12	5	7	1	2	1	1					4	5	3	5	1											1					
	Non-White	5	3	2									3	2	3	2																	
60 - 64	White	10	4	6	1	3	1	3					3	3	3	2		1								1							
	Non-White	3	2	1									2	1	1	1	1											1					
65 - 69	White	8	4	4	2	2	2	2					2	2	2	2																	
	Non-White	7	6	1	1	1	1	1					5		5																		
70 - 74	White	22	6	16	3	12	3	11					3	4	3	4																	
	Non-White	7	2	5	2	1	1	1					1		4		4																
75 - 79	White	41	17	24	6	18	6	18					11	6	11	6																	
	Non-White	8	3	5	1	3	1	3					2	2	1	2	1							1									
80 - over	White	170	49	121	30	92	30	87					5	19	29	19	29																
	Non-White	9	6	3	3	2	3	2						3	1	3	1																
TOTAL	White	365	161	204	46	130	46	123					7	115	74	81	68	34	6	9			1	1	9		3	3	5	2	5	2	
	Non-White	93	56	37	7	7	6	7					1	49	30	38	24	11	6					1		6	3	1	2	1	1		2
GRAND TOTAL		458	217	241	53	137	52	130					1	7	164	104	119	92	45	12	9			2	1	15	3	4	5	6	3	5	4

ACCIDENTS IN THE HOME

2001 FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

MODE - ALCOHOL INCIDENCE

TABLE 13

MODE	TOTAL					NOT TESTED				TESTED			STAGES																	
		Total	Cleve.	County	Out of County	Total	Surv'd Too Long	Under Age	Other	Total	Neg.	Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over											
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F							
<u>ASPHYXIA:</u>																														
Aspiration of Foreign Object	2		2		1		1																							
Compression	2	2			2									2		2														
Drowning	7	5	2	2	1	2	1	1		1				4	2	4	2													
Hanging	2	2		1		1		1		1				1		1														
Overlaying	1	1		1										1		1														
TOTAL	14	10	4	4	2	5	2	1		2		2		8	4	8	4													
<u>BURNING:</u>																														
Fire	5	3	2		1	3	1			1		1		3	1	3	1													
Scalding	0																													
TOTAL	5	3	2		1	3	1			1		1		3	1	3	1													
<u>CARBON MONOXIDE:</u>																														
Auto Exhaust	21	15	6	6	2	8	4	1						15	6	10	5	5	1		2			2	1			1		
Fire	4	4		2		2								4		2		2						1			1			
Natural Gas	4	2	2	2	2									2	2	2	2													
TOTAL	29	21	8	10	4	10	4	1						21	8	14	7	7	1					3			2	1	1	1

ACCIDENTS IN THE HOME

2001 FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

MODE - ALCOHOL INCIDENCE

TABLE 14

MODE	TOTAL					NOT TESTED				TESTED			STAGES												
		Total		Cleve.		County		Out of County		Total	Surv'd Too Long	Under Age	Other	Total	Neg.	Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
POISONING*:																									
<i>Single Chemical Agent</i>																									
Alprazolam	1	1				1								1	1										
Cocaine	25	17	8	12	8	5								17	8	12	8	5	3				2		
Fentanyl	1	1				1								1			1		1						
Fluoxetine	1		1										1		1										
Heroin	15	13	2	8	2	5								13	2	10	2	3	3						
Hydrocodone	1	1				1								1		1									
Meperidine	1	1	1				1							1	1		1								
Morphine	1	1		1										1		1									
Opiate	2		2		1		1							2		2									
Oxycodone	1	1				1								1		1									
Paroxetine	1	1	1											1	1		1								
Propoxyphene	1	1				1								1		1									
Quetiapine	2	2		2										2		2									
Thioridazine	1		1		1									1		1									
<i>Combined Effect of Ethanol and:</i>																									
Cocaine	6	4	2	4	1		1							4	2	1		3	2			1	1		1
Diazepam	1	1				1								1				1							1
Doxepin	1	1	1		1									1			1						1		
Heroin	7	7		5		2								7			7				1		3		2
Cocaine and dextromethorphan	1	1		1										1			1			1					1
Diazepam and heroin	1	1		1										1			1								1
Heroin and cocaine	2	1	1	1	1									1	1		1	1	1						1
Heroin and codeine	2	2		2										2			2								1
Heroin and meprobamate	1	1		1										1			1								1
Hydrocodone and diphenhydramine	1	1				1								1			1								1
Meprobamate and opiate	1	1				1								1			1								1
Opiate and cocaine,	1	1		1										1			1								1
Benzodiazepines, cocaine																									
and heroin	1	1		1										1			1								1
Cocaine, codeine and heroin	1	1		1										1			1								1
Cyclobenzaprine, propoxyphene																									
and diphenhydramine	1	1		1										1			1								1
Nordiazepam, hydrocodone																									
and cocaine	1		1				1							1											1
Benzodiazepine, acetaminophen,																									
cocaine, hydrocodone and morphine	1		1		1									1			1								1
Venlafaxine, trazodone,																									
sertraline, diazepam and cocaine	1		1		1									1			1								1

*Drugs mentioned in cause of death.

2001 FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

TABLE 14 (continued)

MODE - ALCOHOL INCIDENCE

MODE	TOTAL	NOT TESTED																TESTED						STAGES											
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total	Neg.		Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over							
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
<i>Combined Effect of Two or More Chemical Agents</i>																																			
Citalopram and olanzapine	1		1		1											1		1																	
Clozapine and paroxetine	1		1				1									1		1																	
Cocaine and opiate	2	1	1	1	1										1	1	1	1																	
Codeine and olanzapine	1		1				1									1		1																	
Cyclobenzaprine and hydrocodone	1	1		1											1		1																		
Doxepin and cocaine	1		1		1											1		1																	
Heroin and cocaine	4	3	1	3	1										3	1	3	1																	
Heroin and hydrocodone	2	1	1	1	1										1	1	1	1																	
Heroin and methadone	1	1		1											1		1																		
Hydrocodone and diazepam	1		1				1									1		1																	
Meprobamate and oxycodone	1	1		1											1		1																		
Olanzapine and chlorpromazine	1	1		1											1		1																		
Propoxyphene and lorazepam	1	1		1											1		1																		
Carisoprodol, codeine, and hydrocodone	1		1		1											1		1																	
Cocaine, codeine, and morphine	1	1		1											1		1																		
Codeine, diazepam, and propoxyphene	1		1		1											1		1																	
Fentanyl, tramadol, and diazepam	1	1				1									1		1																		
heroin, methamphetamine and cocaine	1	1		1											1		1																		
Oxycodone, bupropion, and paroxetine	1		1				1									1		1																	
Propoxyphene, trimipramine and fluoxetine	1	1				1									1		1																		
Alprazolam, diazepam, hydrocodone, and propoxyphene	1	1				1									1		1																		
Amitriptyline, bupropion, sertraline and tramadol	1		1				1									1		1																	
Amitriptyline, diazepam, meprobamate, and oxycodone	1	1		1											1		1																		
Doxepin, olanzapine, paroxetine and trazodone	1	1		1											1		1																		
Heroin, codeine, mirtazapine, and olanzapine	1	1		1											1		1																		
Heroin, diazepam, cocaine and hydroxyzine	1	1		1											1		1																		
Meprobamate, citalopram, acetaminophen and hydrocodone	1		1		1											1		1																	
Butalbital, diazepam, cocaine, codeine, oxycodone, and temazepam	1	1				1										1		1																	
GRAND TOTAL	118	82	36	58	25	23	9	1	2						82	36	50	29	32	7	8	2	1	11	2	4	3	3	1	2	2				

2001 FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

MODE - AGE GROUPS

TABLE 15

MODE	Under 1 Year		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80 and Over		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
ASPHYXIA	1		1						2		1		1	1	1		1	1			1	1			1									1		10	4	14	
BURNING					1														1					1				1								3	2	5	
CARBON MONOXIDE			1	1				1		1		3	1	1			1	1	1	4		2		1	3	1		1			2	1	2			21	8	29	
EXPOSURE																										1		1		2					4		4		
FALLING										2					1		1		4	1		4	3	3	2	6	6	5	6	19	16	25	47	116	88	179	267		
JUMPING																				1																1	1		
POISONING		1							1	4	1	7	2	6	4	12	1	18	8	18	8	11	6	2	2	1	1	3		1					82	36	118		
SHOOTING							1						1																							2		2	
STRUCK BY OBJECT																							1													1		1	
UNDETERMINED																											1		2	4	5			4	8	12			
OTHERS																								1	1				1				2	2	3	5			
TOTAL	1	1	2	1	1			4	1	8	1	11	4	9	4	14	3	20	10	26	11	14	10	8	9	6	7	10	5	8	21	20	29	55	124	217	241	458	

ACCIDENTS IN THE HOME

2001 FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

FALLS - AGE GROUPS

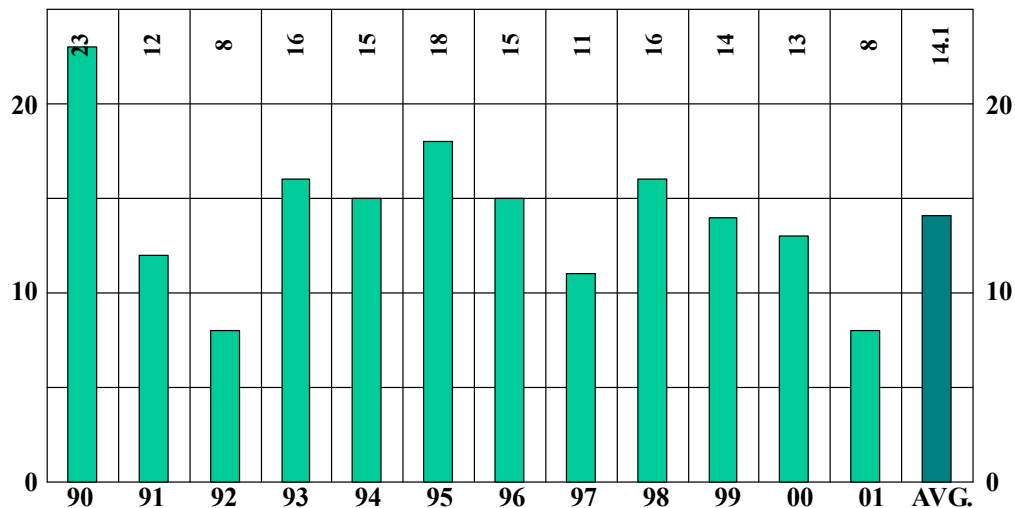
TABLE 17

FALLS BY CODE*	Under 1 Year		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80 and Over		TOTAL		GRAND TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
E880 - From Stairs										1							1		2				2	1	2	1	2	2	1	1	2	5	2	7	6	21	17	38		
E881 - From Ladder																																				1		2		2
E882 - From Building or Other Structure										1						1																	1	1		1	4	2	6	
E884 - From One Level to Another																																								
<i>Bed</i>																																		1	1	2	1	3	4	
<i>Chair</i>																														1				1		1	1	2		
<i>Couch</i>																																				1		1	1	
<i>Walker</i>																																		2	1	1	1	3	4	
<i>Wheelchair</i>																																						2	2	
E885 - On Same Level																			1	1			1	2	1	1	3	3	4	5	15	10	19	36	105	58	149	207		
E888 - Unspecified																																							1	1
TOTAL										2						1	1	4	1	4	3	3	2	6	6	5	6	19	16	25	47	116	88	179			267			

*International classification of diseases by World Health Organization: Ninth Revision.

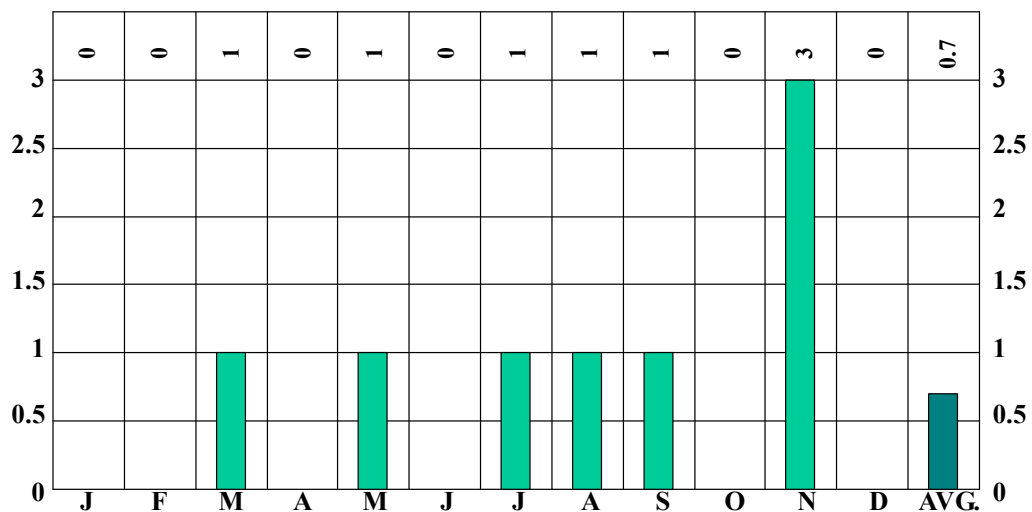


ACCIDENTS WHILE AT WORK FOR A PERIOD OF TWELVE YEARS



		NUMBER	PERCENT
SEX	MALE	6	75
	FEMALE	2	25
RACE	WHITE	7	88
	NON-WHITE	1	12
ALCOHOL	TESTED	8	100
	POSITIVE	0	0
AUTOPSY	AUTOPSIED	8	100

ACCIDENTS WHILE AT WORK BY MONTH FOR THE YEAR 2001

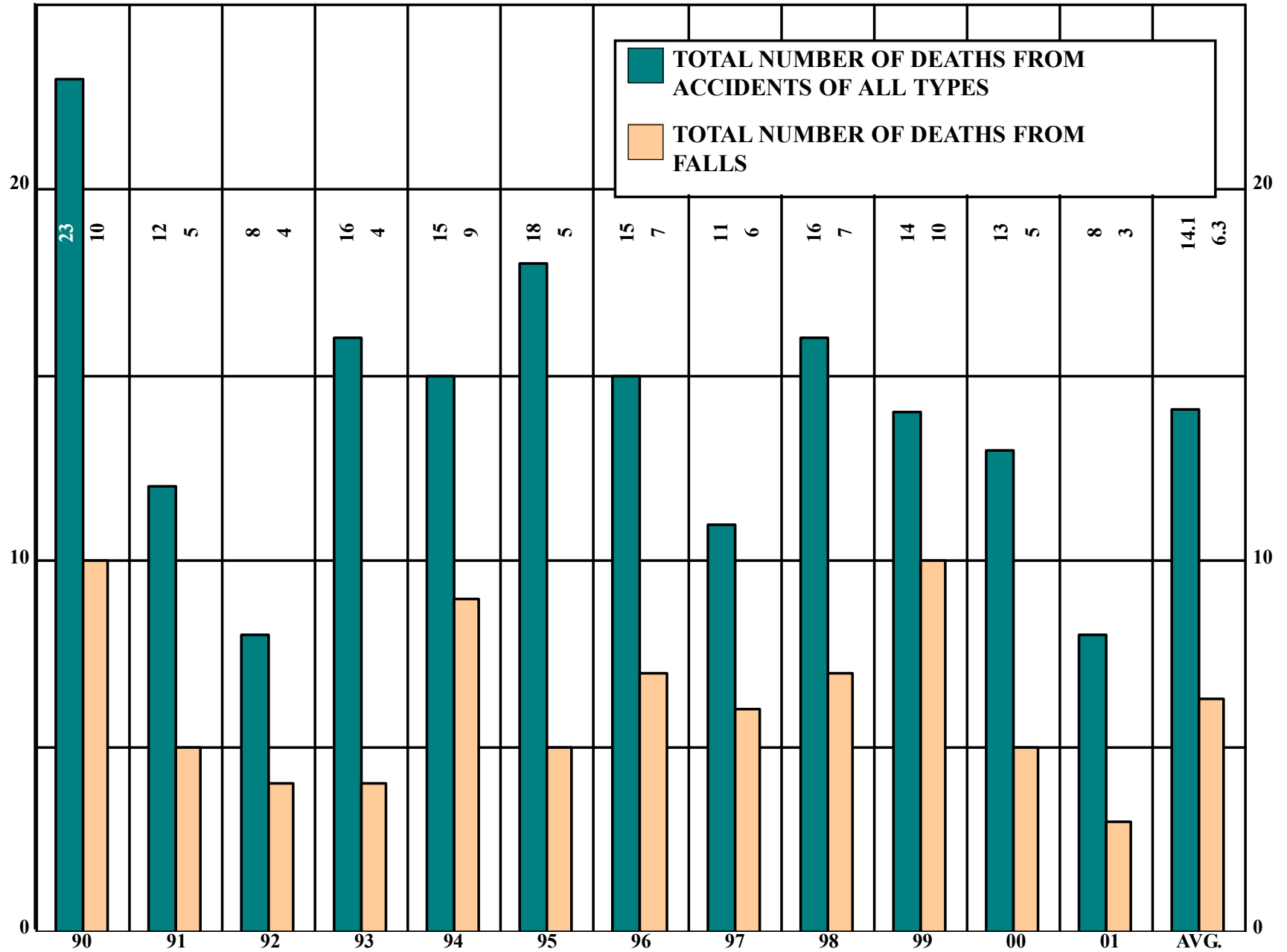


2001
TOTAL CASES
8

ACCIDENTS WHILE AT WORK

FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

DEATHS RESULTING FROM ACCIDENTS AND ACCIDENTAL FALLS WHILE AT WORK FOR A PERIOD OF TWELVE YEARS



2001 FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

MONTHLY ALCOHOL INCIDENCE

TABLE 18

MONTH	TOTAL					NOT TESTED				TESTED			STAGES											
		Total		Cleve.		County		Out of County		Total	Surv'd Too Long	Under Age	Other	Total	Neg.	Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M
JANUARY																								
FEBRUARY																								
MARCH	1		1				1							1		1								
APRIL																								
MAY	1		1				1							1		1								
JUNE																								
JULY	1		1					1						1		1								
AUGUST	1		1				1							1		1								
SEPTEMBER	1		1		1									1		1								
OCTOBER																								
NOVEMBER	3		2	1	1	1								2	1	2	1							
DECEMBER																								
TOTAL	8		6	2	2	1	2	1	2					6	2	6	2							

ACCIDENTS WHILE AT WORK

2001 FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

TABLE 19

AGE - RACE - ALCOHOL INCIDENCE

AGE	RACE	TOTAL	NOT TESTED																TESTED						STAGES											
			Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over													
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
Under 1 Year	White																																			
	Non-White																																			
1 - 4	White																																			
	Non-White																																			
5 - 9	White																																			
	Non-White																																			
10 - 14	White																																			
	Non-White																																			
15 - 19	White																																			
	Non-White																																			
20 - 24	White																																			
	Non-White																																			
25 - 29	White	1	1											1	1																					
	Non-White																																			
30 - 34	White	2	1	1										1	1	1	1																			
	Non-White	1	1											1	1																					
35 - 39	White	2	1	1										1	1	1	1																			
	Non-White																																			
40 - 44	White																																			
	Non-White																																			
45 - 49	White																																			
	Non-White																																			
50 - 54	White	1	1											1	1																					
	Non-White																																			
55 - 59	White	1	1											1	1																					
	Non-White																																			
60 - 64	White																																			
	Non-White																																			
65 - 69	White																																			
	Non-White																																			
70 - 74	White																																			
	Non-White																																			
75 - 79	White																																			
	Non-White																																			
80 - over	White																																			
	Non-White																																			
TOTAL	White	7	5	2										5	2	5	2																			
	Non-White	1	1											1	1																					
GRAND TOTAL		8	6	2										6	2	6	2																			

2001 FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

MODE - ALCOHOL INCIDENCE

TABLE 20

MODE	TOTAL					NOT TESTED				TESTED			STAGES																	
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M
ASPHYXIA	1	1		1																										
ELECTROCUTION	1	1				1																								
EXPLOSION	1	1		1																										
FALLING	3	1	2		1	1	1																							
STRUCK BY OBJECT	1	1					1																							
OTHER*	1	1					1																							
TOTAL	8	6	2	2	1	2	1	2																						

*Sustained injury when thrown from cab of bulldozer while cutting timber

2001 FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

TABLE 21

MODE - ALCOHOL INCIDENCE

MODE	TOTAL	NOT TESTED												TESTED			STAGES													
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total	Neg.		Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M
<u>ASPHYXIA:</u>																														
Choked on food	1	1		1																										
<u>ELECTROCUTION:</u>																														
Live wire	1	1				1																								
<u>EXPLOSION:</u>																														
Furnace	1	1		1																										
<u>STRUCK BY OBJECT:</u>																														
Piece of steel	1	1					1																							
<u>OTHER:</u>																														
Thrown from bulldozer	1	1					1																							
TOTAL	5	5		2		1	2																							

2001 FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

MODE - AGE GROUPS

TABLE 22

MODE	15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 69		70-over		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
ASPHYXIA						1																	1		1
ELECTROCUTION									1														1		1
EXPLOSION															1								1		1
FALLING							1			1							1						1	2	3
STRUCK BY OBJECT						1																	1		1
OTHER					1																		1		1
TOTAL					1		2	1	1	1					1		1						6	2	8

FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

FALLS - ALCOHOL INCIDENCE

TABLE 23

FALLS BY CODE*	TOTAL	NOT TESTED																TESTED			STAGES							
		Total		Total		Surv'd Too Long		Under Age		Other		Total		Neg.	Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over						
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
E883 - Into hole or other opening in surface	1	1													1	1												
E884- From One Level to Another																												
Crane	1		1												1	1												
E885 - On Same Level	1		1												1	1												
TOTAL	3	1	2											1	2	1	2											

*International classification of diseases by World Health Organization: Ninth Revision.

2001 FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

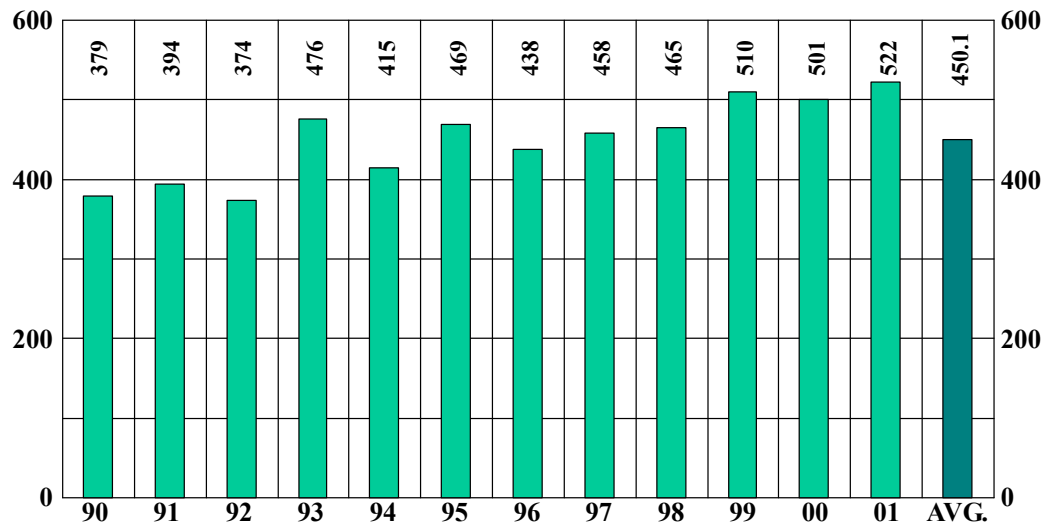
TABLE 24

FALLS - AGE GROUPS

FALLS BY CODE*	15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 69		70-over		TOTAL		GRAND TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
E883 - Into hole or other opening in surface																	1							1		1
E884- From One Level To Another																										
Crane							1																		1	1
E885 - On Same Level										1															1	1
TOTAL							1		1								1							1	2	3

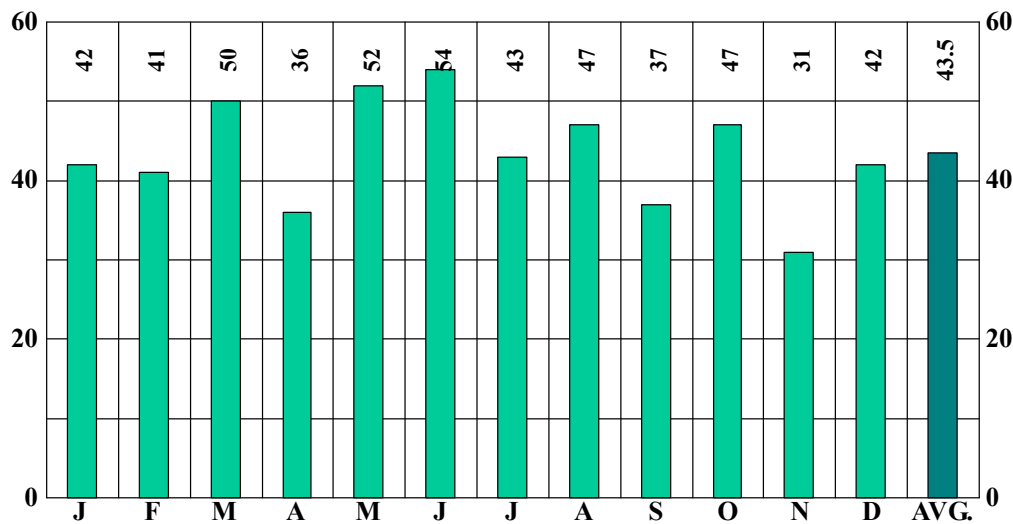
*International classification of diseases by World Health Organization: Ninth Revision.

ACCIDENTS IN OTHER PLACES FOR A PERIOD OF TWELVE YEARS



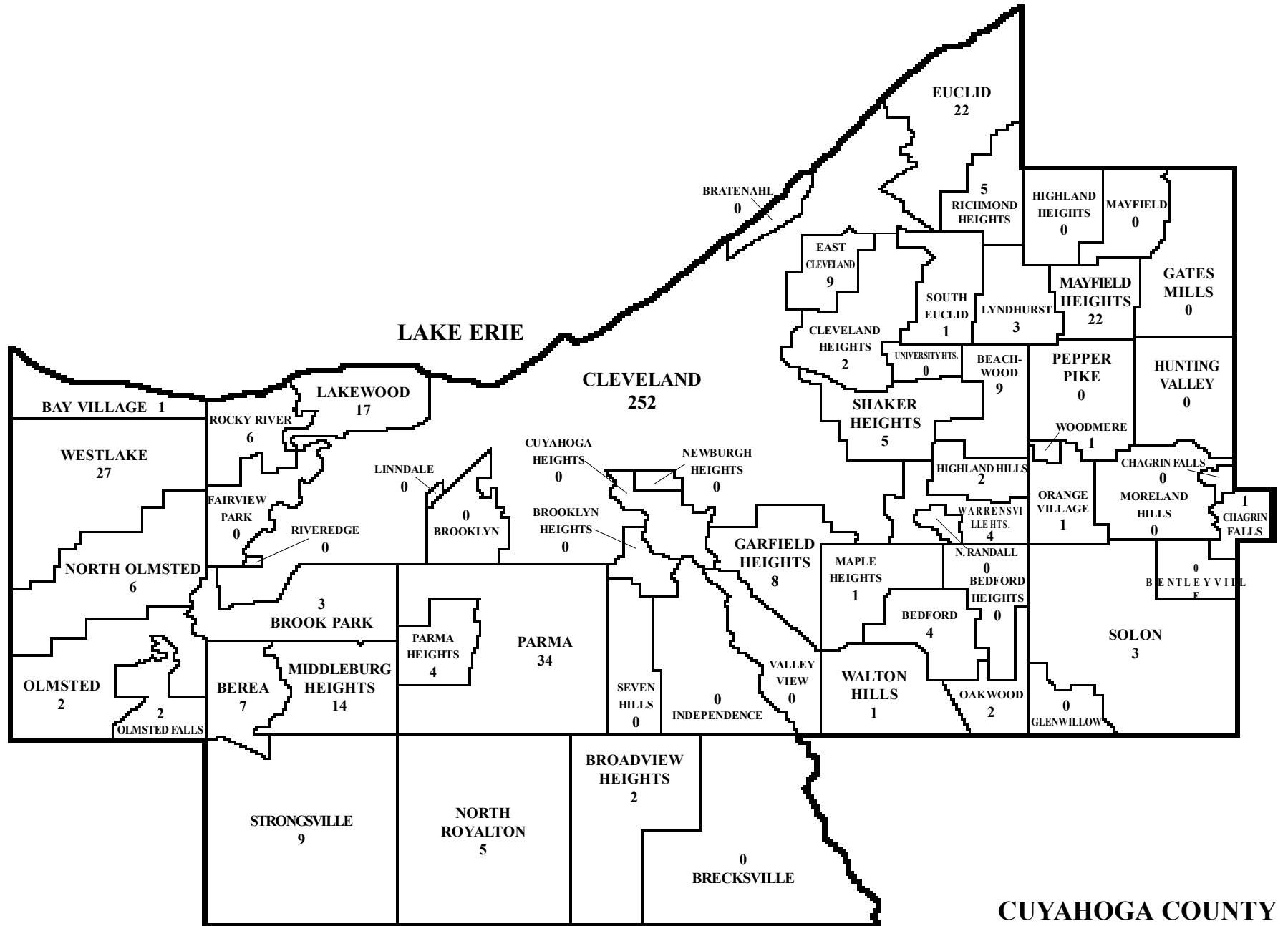
		NUMBER	
PERCENT AUTOPSY	AUTOPSIED	146	28
	MALE	237	45
SEX	FEMALE	285	55
	WHITE	421	81
RACE	NON-WHITE	101	19
	TESTED	222	43
ALCOHOL	POSITIVE	24	11

ACCIDENTS IN OTHER PLACES BY MONTH FOR THE YEAR 2001



**2001
TOTAL CASES
522**

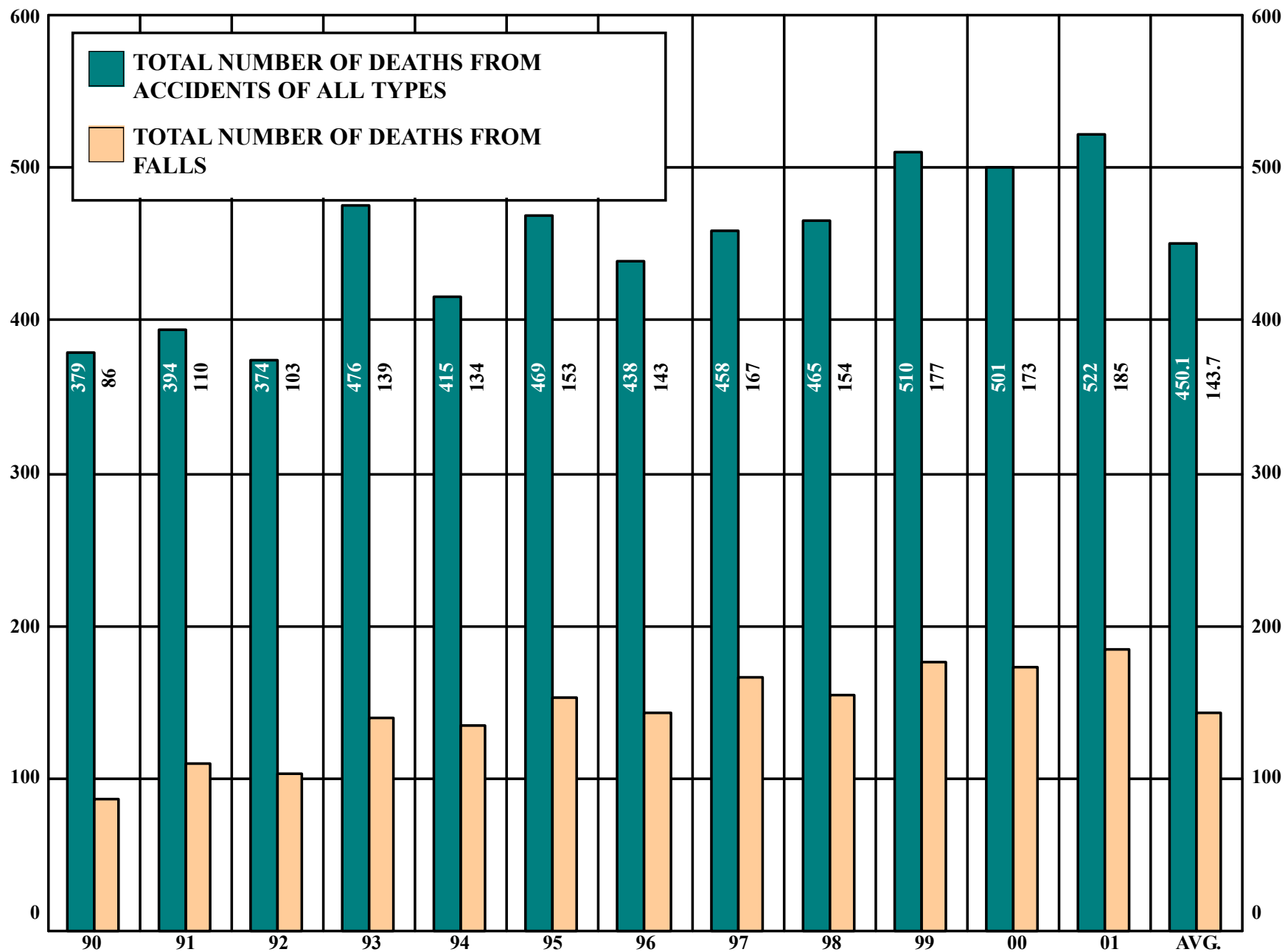
2001 FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES
MAP 3 DISTRIBUTION OF FATALITIES FROM ACCIDENTS IN OTHER PLACES



CUYAHOGA COUNTY

FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

DEATHS RESULTING FROM ACCIDENTS AND ACCIDENTAL FALLS IN OTHER PLACES FOR A PERIOD OF TWELVE YEARS



ACCIDENTS IN OTHER PLACES

2001 FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

TABLE 25

MONTHLY ALCOHOL INCIDENCE

MONTH	TOTAL	NOT TESTED																TESTED						STAGES															
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
JANUARY	42	19	23	10	11	9	12			13	13	11	11			2	2	6	10	6	10																		
FEBRUARY	41	16	25	7	9	9	15		1	6	17	5	14			1	3	10	8	9	7	1	1			1		1											
MARCH	50	21	29	14	10	6	16	1	3	7	21	4	13			3	8	14	8	12	7	2	1			1		1					1						
APRIL	36	15	21	8	8	6	13	1		8	17	4	12			4	5	7	4	6	4	1												1					
MAY	52	22	30	15	14	7	16			5	17	2	11			3	6	17	13	12	13	5			2		1		1		1								
JUNE	54	30	24	17	6	12	17	1	1	15	18	12	18			3		15	6	15	5		1				1												
JULY	43	20	23	13	9	7	14			8	16	3	11			5	5	12	7	10	7	2						1								1			
AUGUST	47	28	19	14	9	12	8	2	2	11	14	4	6			7	8	17	5	13	4	4	1				1	1	1		1						1		
SEPTEMBER	37	16	21	10	10	4	10	2	1	9	14	4	10			5	4	7	7	7	7																		
OCTOBER	47	19	28	10	12	8	14	1	2	7	21	5	15			2	6	12	7	11	6	1	1				1									1			
NOVEMBER	31	13	18	7	7	3	9	3	2	6	13	3	8			3	5	7	5	5	5	2			1			1											
DECEMBER	42	18	24	11	11	6	12	1	1	9	15		7			9	8	9	9	9	8		1		1														
TOTAL	522	237	285	136	116	89	156	12	13	104	196	57	136			47	60	133	89	115	83	18	6			1	4	1	3	3	5		3		1	1	2		

2001 FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

AGE - RACE - ALCOHOL INCIDENCE

TABLE 26

AGE	RACE	TOTAL	NOT TESTED																TESTED						STAGES											
			Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over							
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Under 1 Year	White	2		2		2					2																									
	Non-White	1	1		1						1																									
1 - 4	White	1		1									1		1																					
	Non-White																																			
5 - 9	White	1	1									1	1																							
	Non-White	2	1	1								1	1	1	1																					
10 - 14	White	1		1									1		1																					
	Non-White	1	1									1	1																							
15 - 19	White	3	2	1		1		1				2	2																							
	Non-White	2	2									2	2																							
20 - 24	White	4	2	2		1				1		2	1	1	1	1			1																	
	Non-White																																			
25 - 29	White	4	4									4	4																							
	Non-White	2	2		1	1						1	1																							
30 - 34	White	4	3	1	1				1			2	1	2		1	1																			
	Non-White	3		3									3	3																						
35 - 39	White	10	6	4	1	1		1		1		5	3	2	3	3			2		1															
	Non-White	4	4									4	4																							
40 - 44	White	15	11	4	1	1			1	1	10	3	8	3	2			1								1										
	Non-White	10	9	1								9	1	5	4	1		1	1				2				1									
45 - 49	White	13	10	3	3	2		2		3		7	1	5	1	2					2															
	Non-White	8	6	2		1				1		6	1	5	1	1					1															
50 - 54	White	15	10	5	2	4	1	2		1	2	8	1	7		1	1				1	1														
	Non-White	9	4	5	1	1	1				1	3	4	3	2		2				2															
55 - 59	White	13	7	6	1	3				1	3	6	3	6	3																					
	Non-White	6		6		1					1		5		5																					
60 - 64	White	22	16	6	11	3	8			3	3	5	3	5	3																					
	Non-White	7	6	1	2	1				1		4	1	3	1	1		1																		
65 - 69	White	22	13	9	7	6	6	3		1	3	6	3	6	3																					
	Non-White	7	5	2	3	2	2	1		1	1	2		1		1							1													
70 - 74	White	40	20	20	15	10	7	3		8	7	5	10	4	10	1					1															
	Non-White	8	2	6		5		3			2	2	1	2	1																					
75 - 79	White	71	36	35	21	25	9	12		12	13	15	10	15	10																					
	Non-White	11	6	5	3	3	2	3		1		3	2	3	2																					
80 - over	White	180	41	139	27	113	17	95		10	18	14	26	13	25	1	1										1	1								
	Non-White	20	6	14	3	11	2	10		1	1	3	3	3	3													1								
TOTAL	White	421	182	239	90	172	48	119		42	53	92	67	81	64	11	3		1	2		3	1	4			1	1	1							
	Non-White	101	55	46	14	24	9	17		5	7	41	22	34	19	7	3		2	1		2	1		3			1								
GRAND TOTAL		522	237	285	104	196	57	136		47	60	133	89	115	83	18	6		1	4	1	3	3	5		3		1	1	2						

ACCIDENTS IN OTHER PLACES 87

2001 FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

TABLE 27

MODE - ALCOHOL INCIDENCE

MODE	TOTAL	NOT TESTED												TESTED			STAGES																					
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total	Neg.	Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over											
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F									
ASPHYXIA	8	7	1	4	1	2		1																														
BOATING	5	4	1	4			1																															
BURNING	1		1				1																															
CARBON MONOXIDE	1	1		1																						1												
EXPLOSION	1	1					1																															
EXPOSURE	1		1		1										1		1																					
FALLING	185	63	122	26	21	34	90	3	11	37	93	34	87													1												
POISONING	49	39	10	25	5	12	4	2	1	1							1	38	10	28	7	10	3			1	2											
RAILROAD	1	1		1														1		1																		
THERAPEUTIC COMPLICATION	211	105	106	68	74	37	32			60	66	18	17				42	49	45	40	45	39				1												
UNDETERMINED	44	9	35	4	12	3	23	2		4	32	3	27				1	5	5	3	5	3																
OTHERS*	15	7	8	3	2	1	5	3	1	2	5	2	5						5	3	4	3	1			1												
TOTAL	522	237	285	136	116	89	156	12	13	104	196	57	136				47	60	133	89	115	83	18	6			1	4	1	3	3	5		3		1	1	2

*Injured while walking, Foot caught in bed rail, Injured during seizure, Injured while walking, Hit head while jumping out of boat, Perforation of colon following percutane, Injured while exercising, Using parallel bars, Thrown and fell from horse, While being moved, While being assisted into bed, Thrown off bull, Reaction to walnuts and Jumped from moving vehicle.

2001 FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

MODE - ALCOHOL INCIDENCE

TABLE 28

MODE	TOTAL	NOT TESTED												TESTED			STAGES																		
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long	Under Age		Other	Total		Neg.	Pos.	0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>ASPHYXIA:</u>																																			
Aspiration of Foreign Body	1	1				1									1												1								
Drowning	7	6	1	4	1	1	1								6	1	4	1	2															1	
TOTAL	8	7	1	4	1	2	1								7	1	4	1	3																
<u>BOATING:</u>																																			
Occupants	4	4		4											4		3		1																
Swimmer	1			1			1									1										1									
TOTAL	5	4	1	4			1								4	1	3		1	1						1	1								
<u>BURNING:</u>																																			
Radiator	1			1			1									1		1																	
TOTAL	1			1			1									1		1																	
<u>CARBON MONOXIDE:</u>																																			
Fire	1	1		1											1				1															1	
TOTAL	1	1		1											1				1																
<u>EXPLOSION:</u>																																			
Steam Engine	1	1					1								1		1																		
TOTAL	1	1					1								1		1																		
<u>EXPOSURE:</u>																																			
Cold	1			1		1										1		1																	
TOTAL	1			1		1										1		1																	
<u>RAILROAD:</u>																																			
Trespasser	1	1		1											1		1																		
TOTAL	1	1		1											1		1																		

ACCIDENTS IN OTHER PLACES⁸⁹

2001 FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

TABLE 29

MODE - ALCOHOL INCIDENCE

MODE	TOTAL	NOT TESTED												TESTED			STAGES													
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M
POISONING:																														
<i>Single Chemical Agent:</i>																														
Cocaine	13	10	3	7	2	3	1			1				1		9	3	9	2		1				1					
Doxepin	1	1					1									1		1												
Drug abuse	2	2		1				1								2		2												
Ethylene Glycol	1		1		1											1						1								
Fentanyl	1	1						1								1		1												
Heroin	5	2	3	2	1		2									2	3	2	2		1		1							
Opiate	2	2		1		1										2		2												
<i>Ethanol and:</i>																														
Acetaminophen	1	1		1												1		1												
Cocaine	4	4		3		1										4				4			1				2		1	
Heroin	2	2		2												2				2				1		1				
Methylenedioxyamphetamine	1		1		1											1		1												
Cocaine and Opiates	1	1		1												1		1												
Heroin and Codeine	1	1				1										1				1				1						
Heroin and Hydrocodone	1	1		1												1				1					1					
Heroin, Carisoprodol and Diazepam	1	1				1										1				1					1					
<i>Combined Effect of Two or More Chemical Agents:</i>																														
Citalopram and Olanzapine	1	1				1										1		1												
Cocaine and Heroin	5	5		5												5		4		1			1							
Cocaine and Marijuana	1	1				1										1		1												
Cocaine and Methadone	1	1				1										1		1												
Cocaine and Opiates	1	1		1												1		1												
Cocaine and Phencyclidine	1	1				1										1		1												
Hydromorphone, Oxycodone, and Promethazoin	1	1				1										1		1												
Benzodiazepine, Opiate, Acetaminophen and Hydromorphone	1		1						1								1		1											
TOTAL	49	39	10	25	5	12	4	2	1	1					1	38	10	28	7	10	3	1	2	1	2	1	3	2		1

2001 FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

MODE - AGE GROUPS

TABLE 30

MODE	Under 1 Year		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80 and Over		TOTAL		GRAND TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
ASPHYXIA					1				2				1			1	1													1	1							7	1	8
BOATING													1	1	1																1						4	1	5	
BURNING																																				1		1	1	
CARBON MONOXIDE																	1																					1		1
EXPLOSION									1																													1		1
EXPOSURE																						1																	1	1
FALLING					1								1			1	1				2	1	3			1	4	1	3	2	5	4	15	9	28	103	63	122	185	
POISONING	1							1		1	1	1			2	6		12	1	10	1	5	3		1	2			1								39	10	49	
RAILROAD ACCIDENT					1																																	1		1
THERAPEUTIC COMPLICATION		2		1				1		1		1	1		1	2	1	2	4	4	4	2	6	6	7	10	16	6	13	7	13	19	24	23	15	19	105	106	211	
UNDETERMINED							1											1												1	1	2	2	8	4	24	9	35	44	
OTHER										1		1		1		1	1												1		2	1					6	7	8	15
TOTAL	1	2		1	2	1	1	1	4	1	2	2	6		3	4	10	4	20	5	16	5	14	10	7	12	22	7	18	11	22	26	42	40	47	153	237	285	522	

ACCIDENTS IN OTHER PLACES⁹¹

2001 FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACE

TABLE 31

FALLS - ALCOHOL INCIDENCE

FALLS BY CODE*	TOTAL	NOT TESTED										TESTED						STAGES									
		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over					
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
E880 - From Stairs	6	2	4									2	4	2	4												
E882 - From Building or Other Structure	2	2										2	1		1					1							
E884 - From One Level to Another																											
<i>Bed</i>	4	1	3	1	2	1	2					1		1													
<i>Bicycle</i>	1	1										1	1														
<i>Chair</i>	1	1										1			1							1					
<i>Walker</i>	0																										
<i>Wheelchair</i>	3	2	1	1		1						1	1	1	1												
E885 -On Same Level	168	54	114	35	91	32	85			3	6	19	23	19	22							1					
E888 -Other and Unspecified	0																										
TOTAL	185	63	122	37	93	34	87			3	6	26	29	24	28	2	1					1	1				

*International classification of diseases by World Health Organization: Ninth Revision.

2001 FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

FALLS - AGE GROUPS

TABLE 32

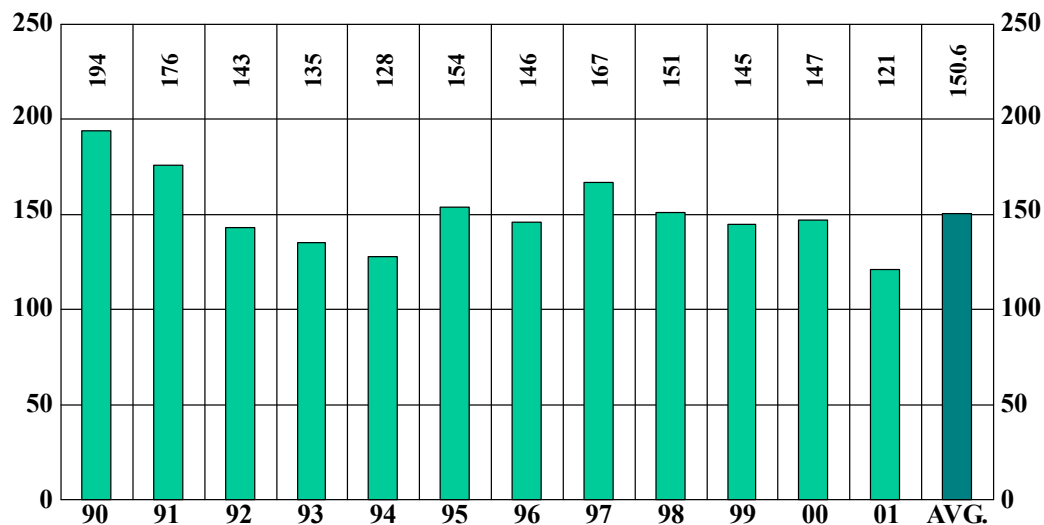
FALLS BY CODE*	Under 1 Year		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80 and Over		TOTAL		GRAND TOTAL												
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F															
E880 - From Stairs															1	1																								1	2	4	6								
E881 - From Building or Other Structure												1																														2		2							
E884 - From One Level to Another																																																			
<i>Bed</i>														1																				1	2	1	3	4													
<i>Bicycle</i>																		1																								1	1								
<i>Chair</i>																																						1	1	1											
<i>Wheelchair</i>																																										1	2	1	3						
E885 -On Same Level																					1	2																			25	100	54	114	168						
E888 -Unspecified																																													0						
TOTAL					1									1	1																															1	1	2	1	3	185

*International classification of diseases by World Health Organization: Ninth Revision.



VEHICULAR FATALITIES

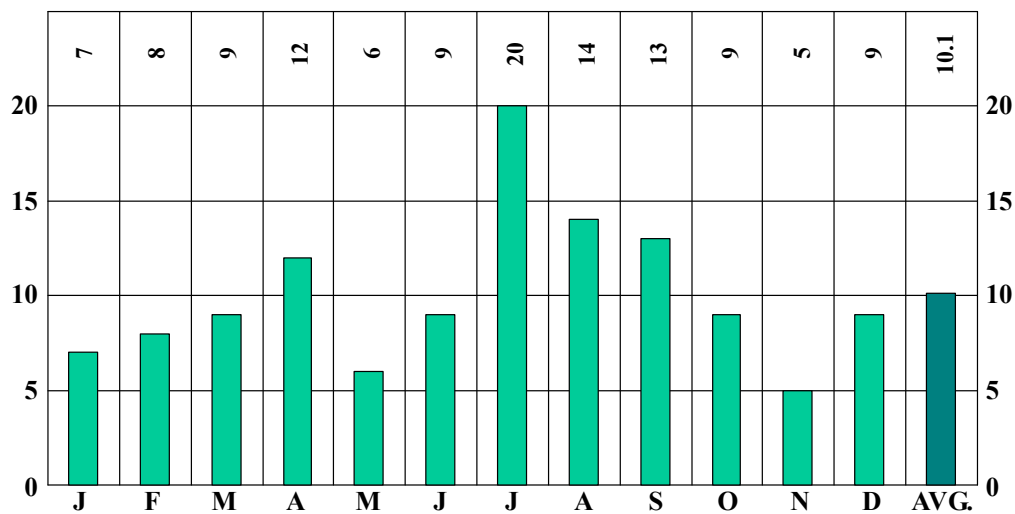
FOR A PERIOD OF TWELVE YEARS



		NUMBER	PERCENT
SEX	MALE	88	73
	FEMALE	33	27
RACE	WHITE	93	77
	NON-WHITE	28	23
ALCOHOL	TESTED	113	93
	POSITIVE	28	25
AUTOPSY	AUTOPSIED	121	100

VEHICULAR FATALITIES

BY MONTH FOR THE YEAR 2001



2001
TOTAL CASES
121

VEHICULAR FATALITIES

PHARMACOLOGICAL EFFECTS OF ALCOHOL

VEHICULAR FATALITIES



FRONTAL LOBE

AFFECTED BY 0.01 - 0.10% ALCOHOL
REACTION IS COLORED BY
INDIVIDUAL'S PERSONALITY
REMOVAL OF INHIBITIONS
LOSS OF SELF CONTROL
WEAKNESS OF WILL POWER
DEVELOPMENT OF EUPHORIA
FEELING OF WELL-BEING
EXULTATION
INCREASED CONFIDENCE
EXPANSIVENESS
ALTERED JUDGEMENT
INCREASED GOOD FELLOWSHIP
LOQUACIOUSNESS
DULLING OF ATTENTION



PSYCHOMOTOR AREAS (CORTEX)

AFFECTED BY 0.10 - 0.20% ALCOHOL
APRAXIA TREMORS
AGRAPHIA SLURRED SPEECH
ATAXIA LOSS OF SKILL



SOMESTHETO-PSYCHIC AREAS (FRONTAL AND PARIETAL LOBES)

AFFECTED BY 0.10 - 0.30% ALCOHOL
DULLED OR DISTORTED SENSIBILITIES



CEREBELLUM

AFFECTED BY 0.15 - 0.35% ALCOHOL
DISTURBANCE OF EQUILIBRIUM



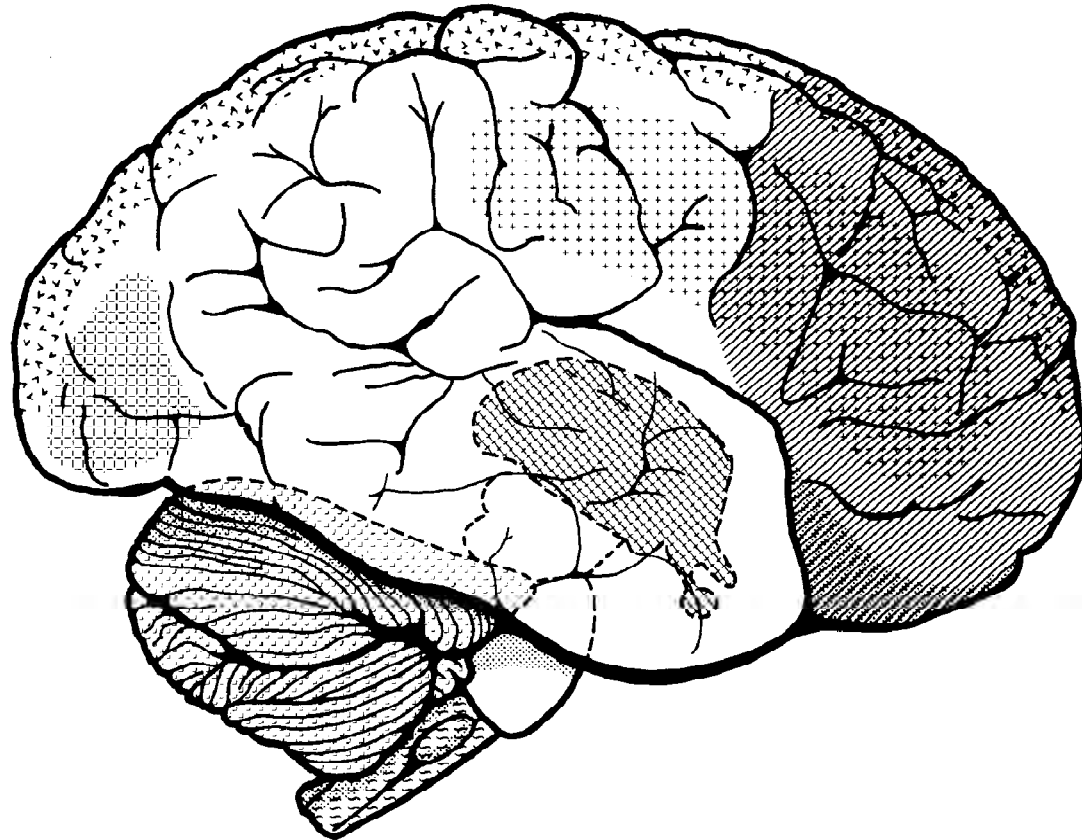
VISUO-PSYCHIC AREAS (OCCIPITAL LOBE)

AFFECTED BY 0.20 - 0.30% ALCOHOL
DISTURBANCE OF:
COLOR PERCEPTION FORM
DIMENSIONS MOTION
DIPLOPIA DISTANCE



DIENCEPHALON

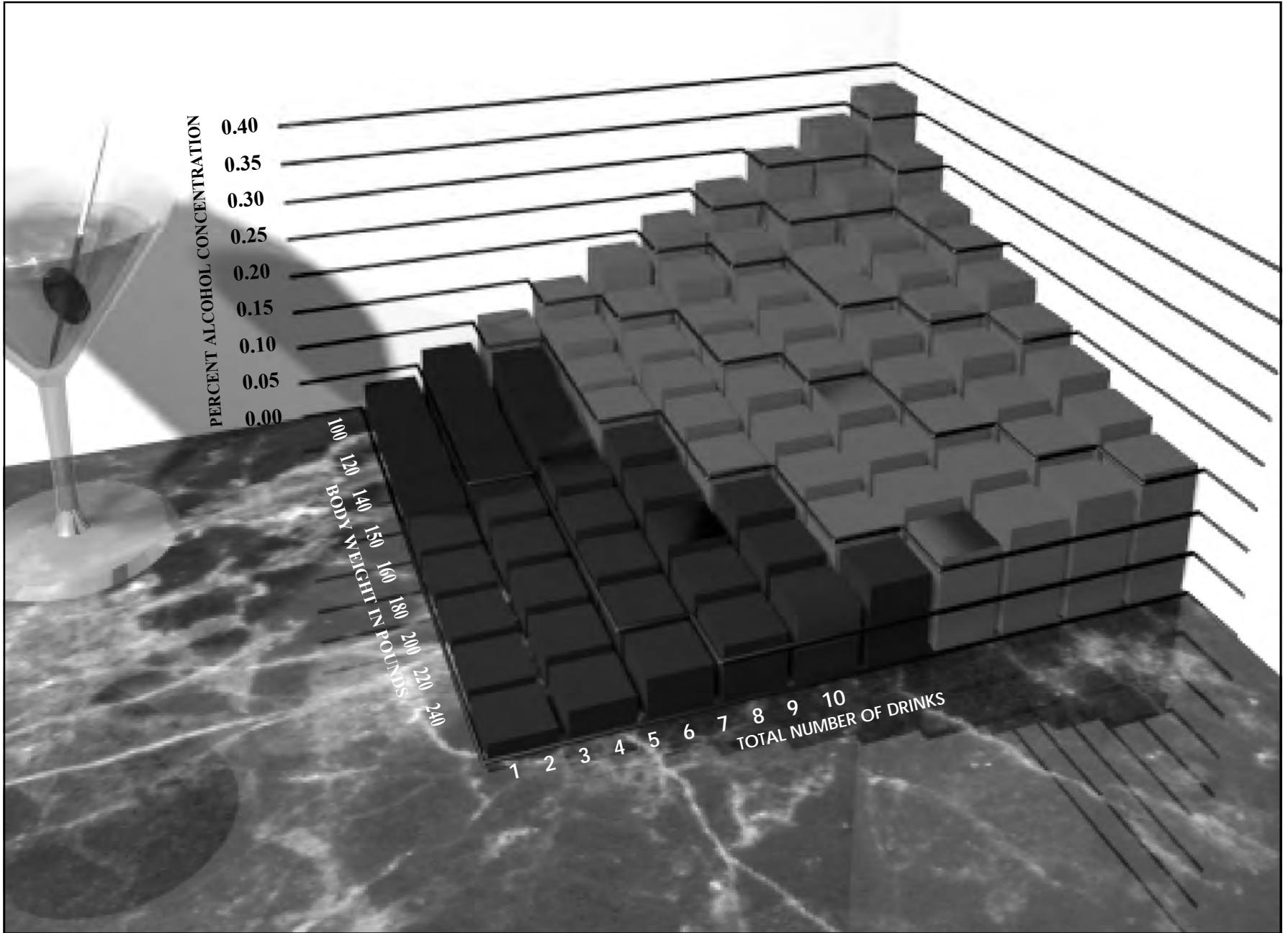
AFFECTED BY 0.25 - 0.40% ALCOHOL
CESSATION OF AUTOMATIC MOVEMENTS
DILATION OF SURFACE CAPILLARIES
APATHY SWEATING
INERTIA STUPOR
TREMORS COMA



MEDULLA

AFFECTED BY 0.40 - 0.50% ALCOHOL
DEPRESSION OF RESPIRATION
PERIPHERAL COLLAPSE
SUBNORMAL TEMPERATURE
DEATH

THE ACTION OF ALCOHOL ON
THE BRAIN IS FROM FIRST TO
LAST LIKE THAT OF A NARCOTIC
DRUG.



VEHICULAR FATALITIES

BLOOD ALCOHOL CONCENTRATION BY WEIGHT*

APPROXIMATE PERCENT OF ALCOHOL CONCENTRATION IN BLOOD**

BODY WEIGHT IN POUNDS	100	0.038	0.075	0.113	0.150	0.188	0.225	0.263	0.300	0.338	0.375
	120	0.031	0.063	0.094	0.125	0.156	0.188	0.219	0.250	0.281	0.313
	140	0.027	0.054	0.080	0.107	0.134	0.161	0.188	0.214	0.241	0.268
	150	0.025	0.051	0.075	0.101	0.126	0.151	0.176	0.201	0.226	0.251
	160	0.023	0.047	0.070	0.094	0.117	0.141	0.164	0.188	0.211	0.222
	180	0.021	0.042	0.063	0.083	0.104	0.125	0.146	0.167	0.188	0.208
	200	0.019	0.038	0.056	0.075	0.094	0.113	0.131	0.150	0.165	0.188
	220	0.017	0.034	0.051	0.068	0.085	0.102	0.119	0.136	0.153	0.170
	240	0.016	0.031	0.047	0.063	0.078	0.094	0.109	0.125	0.141	0.156
		1	2	3	4	5	6	7	8	9	10

TOTAL NUMBER OF DRINKS***

***Please Note:** This chart represents estimated blood concentrations for the "average" individual. It is **not** meant to be taken as a guide to alcohol consumption.

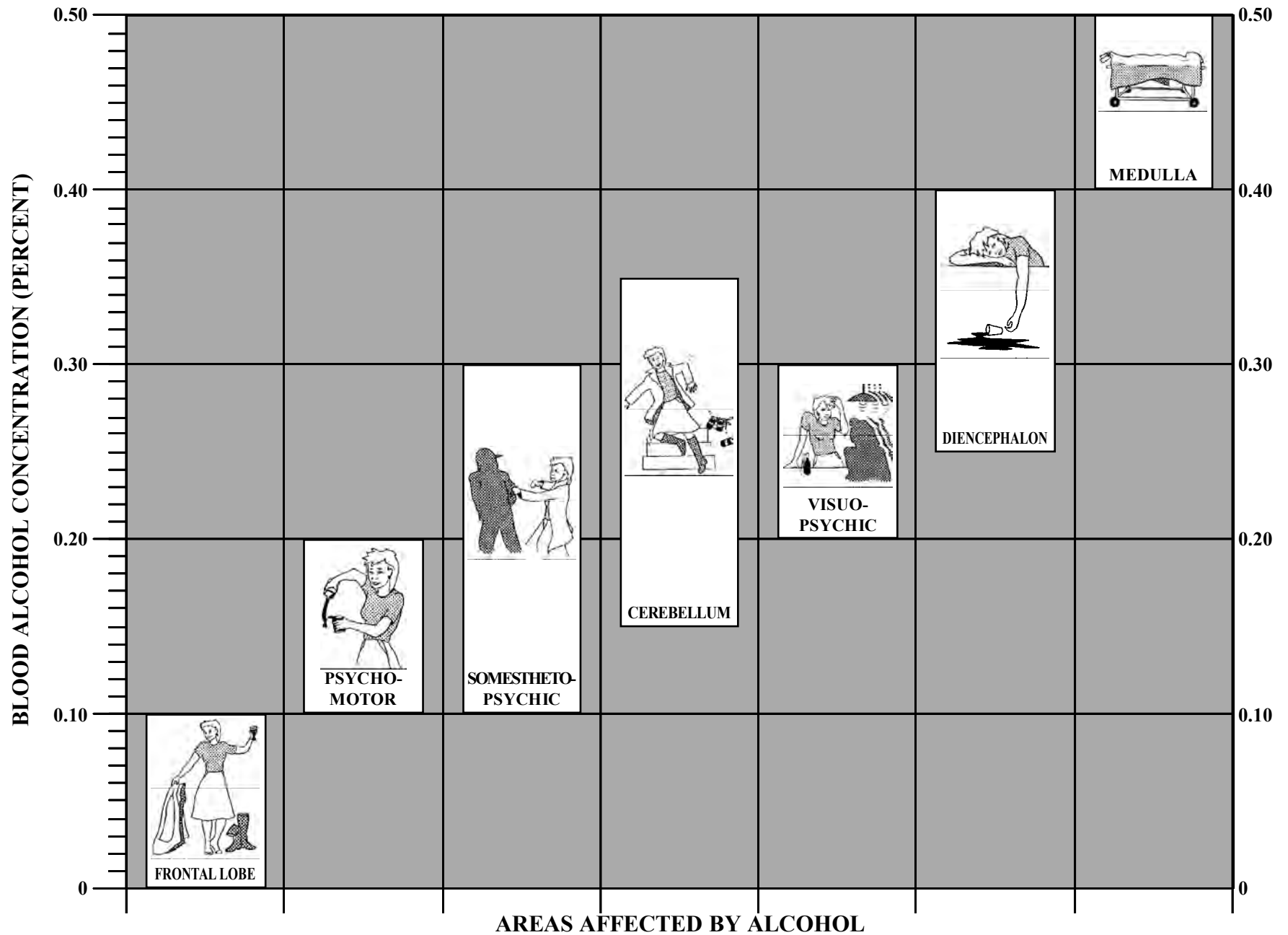
**If these drinks were not taken within one hour deduct one drink from the total number of drinks for each hour that elapsed between the first and last drink.

***A drink is defined as one ounce of 100 proof of "hard liquor" (whiskey, vodka, gin, etc.) or twelve ounces of 4% beer or three ounces of fortified wine.

From: General Manual for Chemical Tests for Intoxication, Ohio Department of Health, Alcohol Testing, Approval and Permit Program, 1969, page 19.

VEHICULAR FATALITIES

ALCOHOL EFFECTS ON BRAIN DEMONSTRATED PICTORIALLY

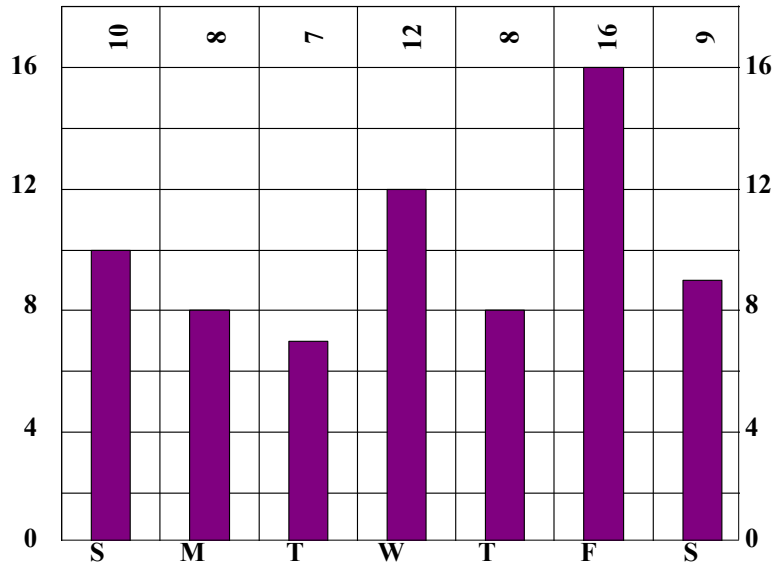


2001 VEHICULAR FATALITIES

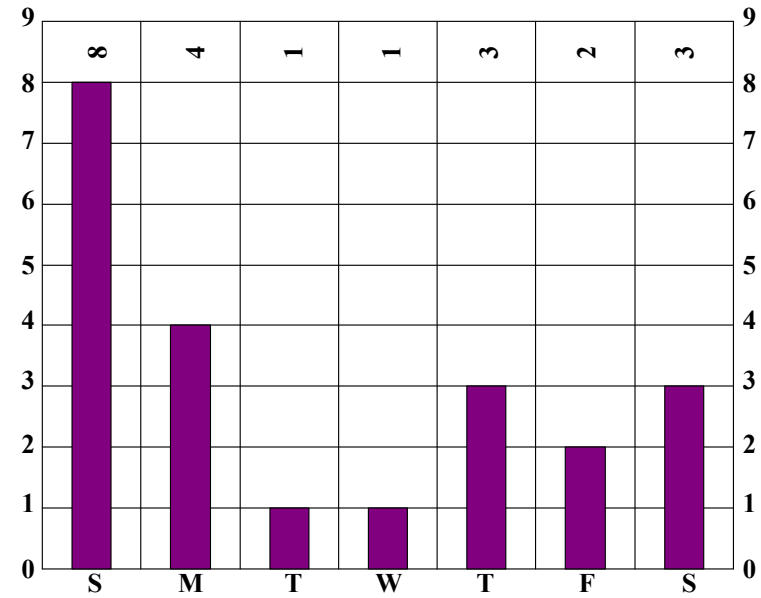
DAILY INCIDENCE

VEHICULAR FATALITIES

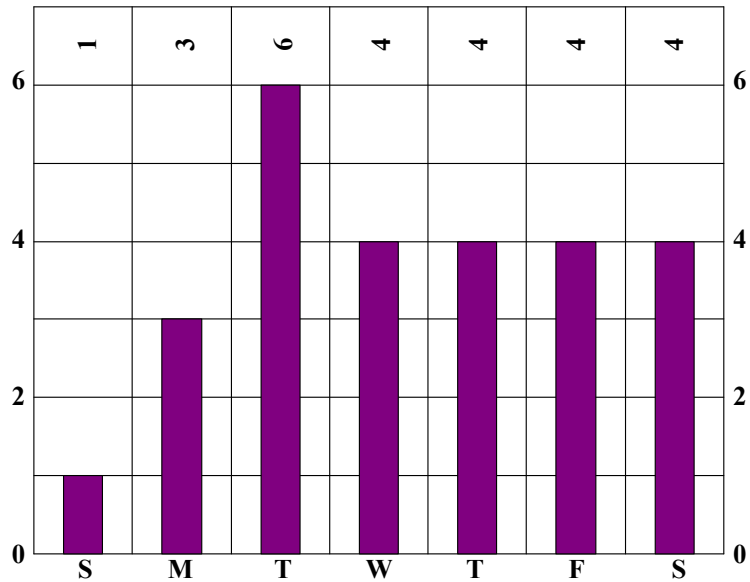
DRIVERS TOTAL - 70*



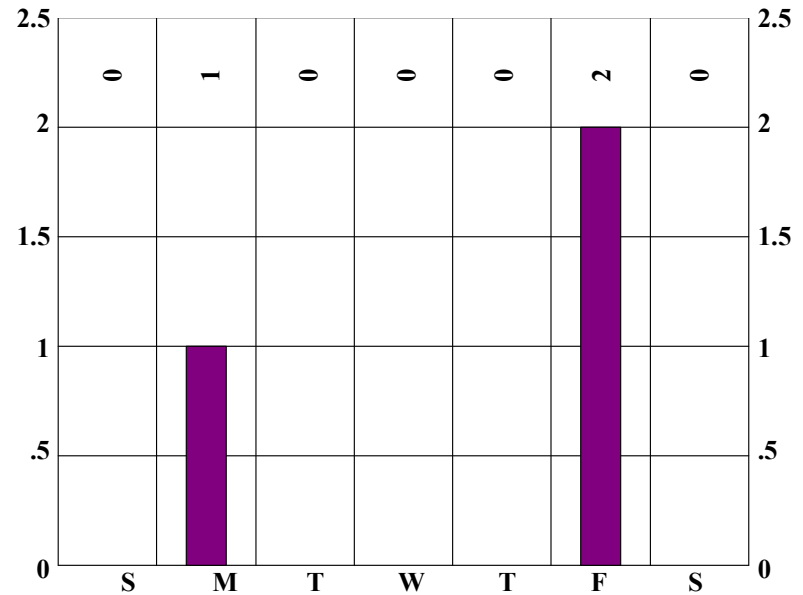
PASSENGERS TOTAL - 22**



PEDESTRIANS TOTAL - 26

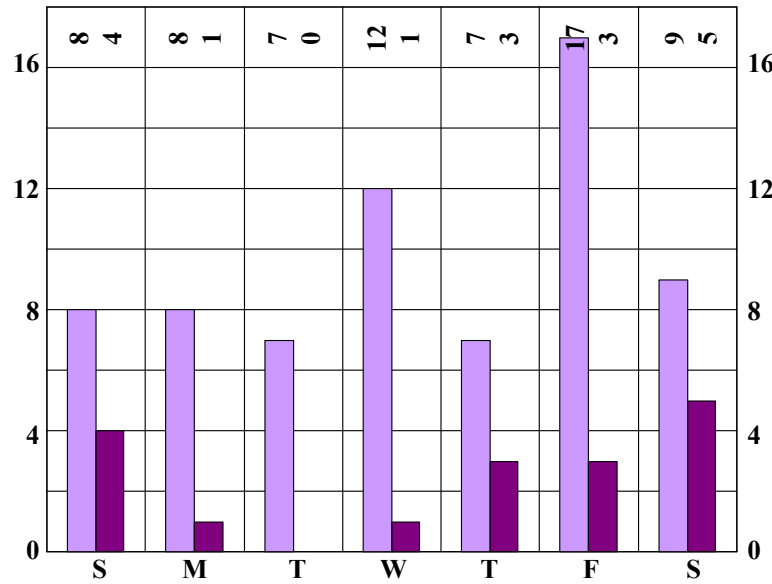


BICYCLISTS TOTAL - 3

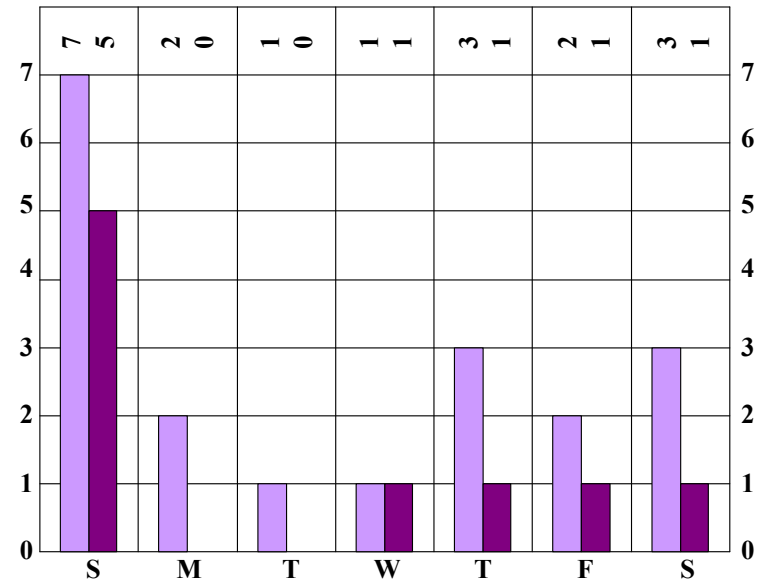


*Includes 14 Motorcyclists
 ** Includes 2 Motorcycle Passengers.

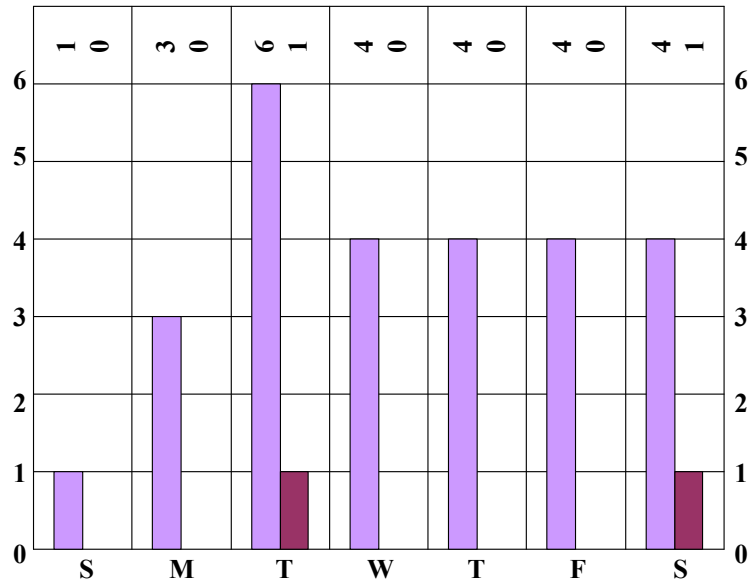
DRIVERS



PASSENGERS



PEDESTRIANS



TOTAL TESTED
 TESTED POSITIVE

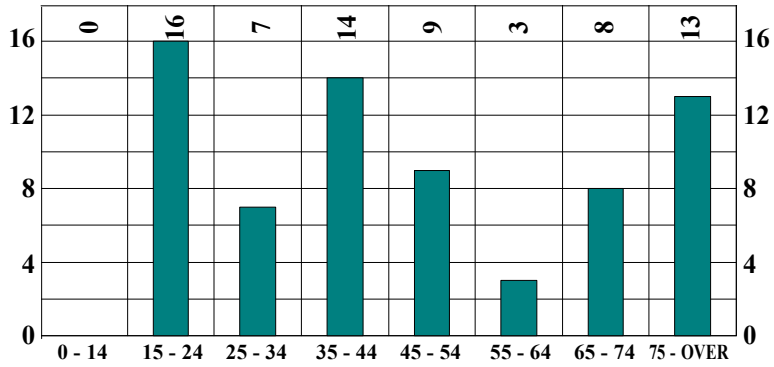
	TESTED	POSITIVE
DRIVERS:	68	17
PASSENGERS:	19	9
PEDESTRIANS:	26	2
TOTAL	113	28

2001 VEHICULAR FATALITIES

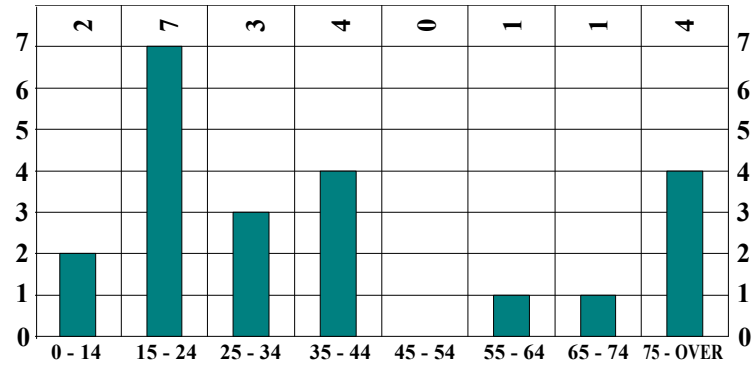
AGE GROUPS - CLASSIFICATION OF VICTIMS

VEHICULAR FATALITIES

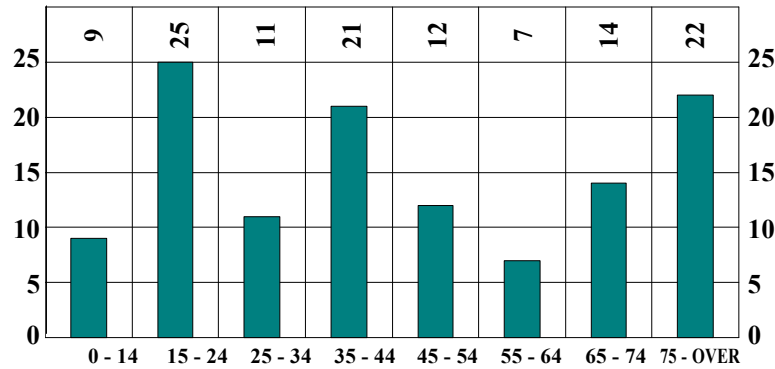
DRIVERS



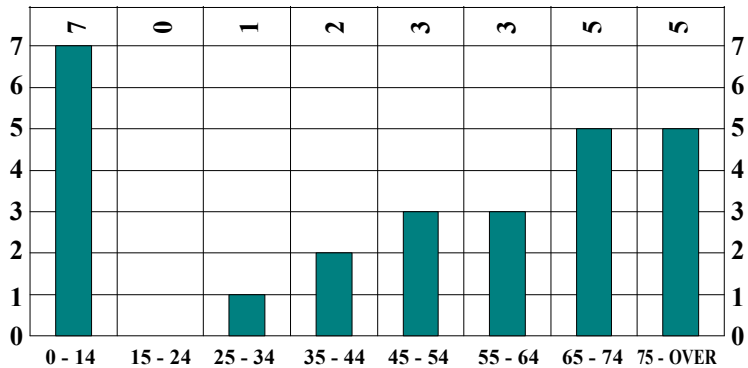
PASSENGERS



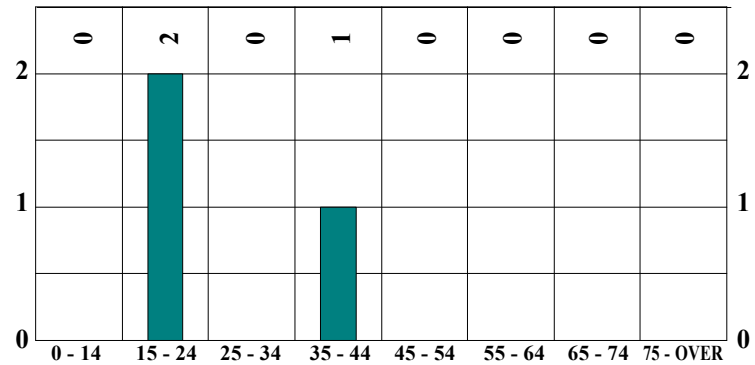
TOTAL



PEDESTRIANS



BICYCLISTS



VEHICULAR FATALITIES

TABLE 33
CLASSIFICATION OF VICTIMS - ALCOHOL INCIDENCE

CLASSIFICATION	TOTAL											NOT TESTED				TESTED			STAGES														
		Total		Cleve.		County		Out of County		Turn-pike		Total	Surv'd Too Long		Under Age	Other	Total	Neg.		Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over						
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
BICYCLIST	3	2	1	1		1			1																								
DRIVER*	70	60	10	15	2	21	6	23	2	1	5	5					55	10	39	9	16	1	3	2	5	3	1	2				1	
PASSENGER**	22	11	11	6	4	3	3	2	4		1	2	1	2			10	9	3	7	7	2		1	2		1	1		3			1
PEDESTRIAN	26	15	11	7	2	7	7	1	2								15	11	14	10	1	1			1			1					
TOTAL	121	88	33	29	8	32	16	26	9	1	6	2	6	2			82	31	58	27	24	4	3	1	4	6	1	4	2	5			2

*Includes 14 Motorcyclists, **Includes 2 Motorcycle Passengers.

VEHICULAR FATALITIES

TABLE 33A
DRIVERS/AGE OF VICTIMS - ALCOHOL INCIDENCE

AGE	TOTAL											NOT TESTED				TESTED			STAGES															
		Total		Cleve.		County		Out of County		Turn-pike		Total	Surv'd Too Long		Under Age	Other	Total	Neg.		Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over							
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
10 - 14																																		
15 - 19	8	6	2			3	1	3	1								6	2	5	2	1		1											
20 - 24	7	7		2		2		3									7		5		2					1		1						
25 - 29	2	2		1				1									2		1		1						1							
30 - 34	3	2	1			1	1	1									2	1	1		1	1				1	1							
35 - 39	3	3		2		1											3		2		1					1								
40 - 44	6	6		2		3		1									6		2		4		1			1				1			1	
45 - 49																																		
50 - 54	3	3		2		1					1		1				2		1		1									1				
55 - 59	3	3		1		1		1									3		2		1				1									
60 - 64																																		
65 - 69	4	2	2			2	2				1		1				1	2	1	2														
70 - 74	4	3	1		1	2				1							3	1	3	1														
75 - 79	3	2	1			1	1	1									2	1	2	1														
80 - over	10	8	2	2	1	3	1	3			2		2				6	2	6	2														
TOTAL	56	47	9	12	2	20	6	14	1	1	4		4			43	9	31	8	12	1	2		1		3		3	1	2			1	

2001 VEHICULAR FATALITIES

MONTHLY ALCOHOL INCIDENCE

TABLE 34

MONTH	TOTAL											NOT TESTED						TESTED						STAGES												
		Total		Cleve.		County		Out of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over				
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
JANUARY	7	4	3	2	2	1	1	1											4	3	1	3	3								2			1		
FEBRUARY	8	8		1		4		3											8		6		2		1		1									
MARCH	9	5	4	3		2	1		3										5	4	4	4	1			1										
APRIL	12	10	2	5		3	1	2	1				1		1				10	1	4		6	1				3	1	1		2				
MAY	6	6		2		6		1					2		2				4		3		1				1									
JUNE	9	8	1	2		4	1	1		1			2		2				6	1	5	1	1			1										
JULY	20	15	5	6		3	3	6	2				1		1				14	5	11	4	3	1	1			1		1			1			
AUGUST	14	9	5	2	2	4	1	3	2					1		1			9	4	7	3	2	1	1	1	1									
SEPTEMBER	13	10	3	2		4	2	4	1				1		1				9	3	8	3	1				1									
OCTOBER	9	7	2	1	1	2	1	4											7	2	5	2	2						2							
NOVEMBER	5	2	3		1	2	2												2	3	2	3														
DECEMBER	9	4	5	3	2		3	1											4	5	2	4	2	1					1	1	1					
TOTAL	121	88	33	29	8	32	16	26	9	1			6	2	6	2			82	31	58	27	24	4	3	1	4		6	1	4	2	5			2

VEHICULAR FATALITIES

TABLE 35

DAILY ALCOHOL INCIDENCE

DAY	TOTAL	NOT TESTED									TESTED						STAGES														
		Total		Surv'd Too Long		Under Age		Other			Total		Neg.		Pos.		0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over								
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
SUNDAY	19	14	5	2	1	2	1					12	4	4	3	8	1	1	1	2		1				4					
MONDAY	16	12	4	2	1	2	1					10	3	9	3	1				1											
TUESDAY	14	12	2									12	2	11	2	1						1									
WEDNESDAY	17	11	6									11	6	10	5	1	1					1				1					
THURSDAY	15	10	5	1		1						9	5	6	4	3	1					1		2	1						
FRIDAY	24	18	6	1		1						17	6	13	6	4						1		1						2	
SATURDAY	16	11	5									11	5	5	4	6	1	2		1		2		1	1						
TOTAL	121	88	33	6	2	6	2					82	31	58	27	24	4	3	1	4		6	1	4	2	5				2	

2001 VEHICULAR FATALITIES

AGE - RACE - ALCOHOL INCIDENCE

TABLE 36

AGE	RACE	TOTAL	NOT TESTED								TESTED			STAGES										
			Total		Surv'd Too Long		Under Age		Other		Total		Neg.	Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over			
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Under 1 Year	White																							
	Non-White																							
1 - 4	White	3	3								3	3												
	Non-White	3	1	2							1	2	1	2										
5 - 9	White	1		1							1		1											
	Non-White	1	1								1		1											
10 - 14	White	1		1							1		1											
	Non-White																							
15 - 19	White	14	10	4							10	4	8	4	2	1	1							
	Non-White																							
20 - 24	White	8	7	1							7	1	5	1	2			1	1					
	Non-White	3	3								3		1	2					2					
25 - 29	White	1	1								1		1											
	Non-White	2	1	1							1	1			1	1								
30 - 34	White	5	4	1	1		1				3	1	1		2	1			2	1				
	Non-White	3	2	1							2	1	1		1	1		1	1					
35 - 39	White	8	7	1		1		1			7		4		3		1		1	1				
	Non-White	1	1	1							1		1		1									
40 - 44	White	9	8	1							8	1	5	1	3			2		1				
	Non-White	3	3								3			3		1	1					1		
45 - 49	White	5	5								5		5											
	Non-White	2	1	1							1	1			1	1								
50 - 54	White	3	3								3		2		1					1				
	Non-White	2	2		1		1				1				1									
55 - 59	White	4	4								4		2		2		1					1		
	Non-White	2	2								2		2											
60 - 64	White	1		1								1		1										
	Non-White																							
65 - 69	White	5	2	3	1		1				1	3	1	3										
	Non-White																							
70 - 74	White	6	3	3							3	3	3	3										
	Non-White	3	3		1		1				2		2											
75 - 79	White	9	3	6		1		1			3	5	3	5										
	Non-White																							
80 - over	White	10	7	3	1		1				6	3	6	3										
	Non-White	3	2	1	1		1				1	1	1	1										
TOTAL	White	93	67	26	3	2	3	2			64	24	49	23	15	1	2		2	3	4	1	3	
	Non-White	28	21	7	3		3				18	7	9	4	9	3	1	1	2		3	1	2	
GRAND TOTAL		121	88	33	6	2	6	2			82	31	58	27	24	4	3	1	4	6	1	4	2	5

VEHICULAR FATALITIES

TABLE 37

TYPE OF ACCIDENT - ALCOHOL INCIDENCE

TYPE	TOTAL											NOT TESTED				TESTED			STAGES																				
		Total		Cleve.		County		Out of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
NON-TRAFFIC:																																							
Collision	8	4	4	1	2	1	1	2	1											4	4	4	4																
Non-collision	0																																						
TOTAL	8	4	4	1	2	1	1	2	1											4	4	4	4																
TRAFFIC:																																							
Collision	109	81	28	28	6	28	15	24	7	1	6	2	6	2					75	26	52	22	23	4	3	1	4		6	1	3	2	5				2		
Non-collision	4	3	1			3			1										3	1	2	1	1								1								
TOTAL	113	84	29	28	6	31	15	24	8	1	6	2	6	2				78	27	54	23	24	4	3	1	4		6	1	4	2	5				2			
TOTALS:																																							
Non-Traffic	8	4	4	1	2	1	1	2	1										4	4	4	4																	
Traffic	113	84	29	28	6	31	15	24	8	1	6	2	6	2				78	27	54	23	24	4	3	1	4		6	1	4	2	5				2			
TOTAL	121	88	33	29	8	32	16	26	9	1	6	2	6	2				82	31	58	27	24	4	3	1	4		6	1	4	2	5				2			

2001 VEHICULAR FATALITIES

NON-TRAFFIC ALCOHOL INCIDENCE

TABLE 38

TYPE	TOTAL	NOT TESTED										TESTED			STAGES											
		Total		Cleve.		County		Out of County		Turn-pike		Total	Surv'd Too Long	Under Age	Other	Total	Neg.	Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M
ALL TERRAIN VEHICLE-FIXED OBJECT																										
Driver	1	1			1										1	1										
AUTO-PEDESTRIAN	1		1						1						1	1										
MOTORCYCLE-PEDESTRIAN																										
Pedestrian	1	1							1						1	1										
MOTORCYCLE-FIXED OBJECT																										
Motorcyclist	1	1							1						1	1										
AUTO-FIXED OBJECT																										
Driver	2		2		1		1								2	2										
Passenger	2	1	1	1	1										1	1	1	1								
TOTAL	8	4	4	1	2	1	1	2	1						4	4	4	4								

VEHICULAR FATALITIES

TABLE 39

TRAFFIC - COLLISION - ALCOHOL INCIDENCE

TYPE	TOTAL											NOT TESTED				TESTED			STAGES																
		Total		Cleve.		County		Out of County		Turn-pike		Total	Surv'd Too Long		Under Age		Other	Total	Neg.		Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over							
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
PEDESTRIAN																																			
Auto	15	9	6	6		3	5		1									9	6	8	5	1	1			1		1							
Bus	2	1	1	1			1											1	1	1	1														
Truck	7	4	3			2	4	1										4	3	4	3														
AUTO - AUTO																																			
Driver	7	7				4		3		1	1							6		5		1					1								
AUTO - FIXED OBJECT																																			
Driver	23	21	2	7	1	8	1	6		2	2							19	2	12	2	7		1	1	2	1	2							
Passenger	12	7	5	5	1	2	2		2	1	1	1	1					6	4	1	3	5	1			2	1	3							
AUTO-MOTORCYCLE																																			
Motorcyclist	3	3						3										3		3															
Passenger on Motorcycle	1		1						1									1		1															
AUTO-TRUCK																																			
Driver	12	8	4	3		2	3	2	1	1								8	4	5	4	3				1	1		1						
Passenger	3	2	1				1	2										2	1	2	1														
MOTORCYCLE-FIXED OBJECT																																			
Motorcyclist	7	7		3				4		1	1							6		2		4		1	1	2									
Passenger on Motorcycle	1		1		1													1					1	1											
MOTORCYCLE-TRUCK																																			
Motorcyclist	2	1	1					1	1		1	1						1		1															
TRUCK-BICYCLE																																			
Bicyclist	3	2	1	1		1			1									2	1	2	1														
TRUCK-FIXED OBJECT																																			
Driver	8	7	1	2		3	1	2		1	1							6	1	4		2	1	1			1		1						
Passenger	1		1		1													1		1															
TRUCK-TRUCK																																			
Driver	2	2				1		1										2		2															
TOTAL	109	81	28	28	6	28	15	24	7	1		6	2	6	2			75	26	52	22	23	4	3	1	4		6	1	3	2	5			2

2001 VEHICULAR FATALITIES

TRAFFIC - COLLISION - ALCOHOL INCIDENCE (ALL DRIVERS)

TABLE 39A

VEHICULAR FATALITIES

TYPE	TOTAL										NOT TESTED				TESTED			STAGES												
		Total		Cleve.		County		Out of County		Turn-pike	Total		Surv'd Too Long	Under Age		Other	Total		Neg.	Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
AUTO - AUTO Driver	7	7				4		3				1	1				6	5	1					1						
AUTO - BICYCLE Bicyclist	0																													
AUTO - BUS Driver	0																													
AUTO-FIXED OBJECT Driver	23	21	2	7	1	8	1	6				2	2				19	2	12	2	7	1	1	2	1	2				
AUTO - MOTORCYCLE Motorcyclist	3	3						3									3	3												
AUTO-TRUCK Driver	12	8	4	3		2	3	2	1	1							8	4	5	4	3			1	1			1		
MOTORCYCLE-FIXED OBJECT Motorcyclist	7	7		3				4				1	1				6	2	4			1	1	2						
MOTORCYCLE-TRUCK Motorcyclist	2	1	1					1	1				1	1			1	1												
TRUCK-BICYCLE Bicyclist	3	2	1	1		1			1								2	1	2	1										
TRUCK-FIXED OBJECT Driver	8	7	1	2		3	1	2				1	1				6	1	4		2	1	1			1		1		
TRUCK-TRUCK Driver	2	2				1		1									2	2												
TOTAL	67	58	9	16	1	19	5	22	3	1		5	1	5	1		53	8	36	7	17	1	3	2	5	3	1	2		2

TABLE 39B

TRAFFIC - COLLISION - ALCOHOL INCIDENCE (PEDESTRIANS)

TYPE	TOTAL											NOT TESTED				TESTED			STAGES									
		Total		Cleve.		County		Out of County		Turn-pike		Total	Surv'd Too Long		Under Age	Other	Total	Neg.		Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M
<u>PEDESTRIAN:</u>																												
AUTO	15	9	6	6		3	5		1							9	6	8	5	1	1				1		1	
BUS	2	1	1	1			1									1	1	1	1									
TRUCK	7	4	3		2	4	1									4	3	4	3									
TOTAL	24	14	10	7	2	7	7		1							14	10	13	9	1	1				1		1	

VEHICULAR FATALITIES

TABLE 39C

TRAFFIC - COLLISION - ALCOHOL INCIDENCE (PASSENGERS)

TYPE	TOTAL											NOT TESTED				TESTED			STAGES												
		Total		Cleve.		County		Out of County		Turn-pike		Total	Surv'd Too Long		Under Age	Other	Total	Neg.		Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over				
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
AUTO - AUTO	0																														
AUTO - FIXED OBJECT	12	7	5	5	1	2	2		2			1	1	1	1			6	4	1	3	5	1		2		1		3		
AUTO - MOTORCYCLE	1		1						1								1		1												
AUTO-TRUCK	3	2	1			1	2									2	1	2	1												
MOTORCYCLE-FIXED OBJECT	1		1		1												1			1				1							
TRUCK-FIXED OBJECT	1		1		1												1		1												
TOTAL	18	9	9	5	3	2	3	2	3			1	1	1	1			8	8	3	6	5	2		1	2		1		3	

2001 VEHICULAR FATALITIES

TRAFFIC - NON-COLLISION - ALCOHOL INCIDENCE

TABLE 40

TYPE	TOTAL	NOT TESTED																		TESTED						STAGES																									
		Total		Cleve.		County		Out of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over													
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F														
AUTO ACCIDENT																																																			
Passenger	1	1				1																																													
TRUCK ACCIDENT																																																			
Driver	1	1				1																																													
MOTORCYCLE ACCIDENT																																																			
Motorcyclist	2	1	1			1				1																																									
TOTAL	4	3	1			3				1																																									

2001 VEHICULAR FATALITIES WHILE AT WORK

TABLE 41
TRAFFIC AND NON-TRAFFIC - MONTHLY ALCOHOL INCIDENCE

MONTH	TOTAL	NOT TESTED										TESTED						STAGES										
		Total		Cleve.		County		Out of County		Turn-pike		Total	Surv'd Too Long		Under Age	Other	Total	Neg.		Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M
MARCH	1	1				1																						
AUGUST	1	1					1																					
SEPTEMBER	1	1					1																					
TOTAL	3	3					3																					

VEHICULAR FATALITIES

TABLE 42
WEATHER CONDITIONS - ALCOHOL INCIDENCE

WEATHER	TOTAL	NOT TESTED										TESTED						STAGES									
		Total		Cleve.		County		Out of County		Turn-pike		Total	Surv'd Too Long		Under Age	Other	Total	Neg.		Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
CLEAR	68	50	18	10	2	24	9	15	7	1																	
CLOUDY	36	25	11	13	4	7	5	5	2																		
FOG	3	3		1				2																			
RAIN	7	5	2	4	1		1	1																			
SNOW	4	3	1	1	1			2																			
NOT STATED	3	2	1			1	1	1																			
TOTAL	121	88	33	29	8	32	16	26	9	1																	

2001 VEHICULAR FATALITIES

ROAD CONDITIONS - ALCOHOL INCIDENCE

TABLE 43

ROAD	TOTAL	NOT TESTED										TESTED						STAGES																	
		Total		Cleve.		County		Out of County		Turn-pike		Total		Surv'd Too Long	Under Age		Other	Total		Neg.	Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over							
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
DRY	104	73	31	22	8	31	14	20	9			6	2	6	2				67	29	48	26	19	3	3	1	4	5	1	3	1	2			2
ICE	0																																		
SNOW	4	4		1				2		1								4		3		1											1		
WET	9	7	2	3		1	2	3										7	2	6	1	1	1							1	1				
NOT STATED	4	4		3				1										4		1		3						1					2		
TOTAL	121	88	33	29	8	32	16	26	9	1		6	2	6	2			82	31	58	27	24	4	3	1	4	6	1	4	2	5			2	

VEHICULAR FATALITIES

LIGHT CONDITIONS - ALCOHOL INCIDENCE

TABLE 44

LIGHT	TOTAL	NOT TESTED										TESTED						STAGES																
		Total		Cleve.		County		Out of County		Turn-pike		Total		Surv'd Too Long	Under Age		Other	Total		Neg.	Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over						
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
DAY	67	47	20	10	5	20	8	16	7	1		6	1	6	1			41	19	34	19	7		1		1				1			1	
DAWN	0																																	
DUSK	5	3	2	1		1	1	1	1									3	2	2	1	1	1	1							1			
NIGHT WITH STREET LIGHTS	37	27	10	16	3	9	6	2	1			1		1				27	9	15	6	12	3		1	3		3	1	3	1	3		
NIGHT WITHOUT STREET LIGHTS	9	9		2		1		6										9		5		4		1					1				1	
UNKNOWN	3	2	1			1	1	1										2	1	2	1													
TOTAL	121	88	33	29	8	32	16	26	9	1		6	2	6	2			82	31	58	27	24	4	3	1	4	6	1	4	2	5			2

2001 VEHICULAR FATALITIES

TABLE 45
CLASSIFICATION OF VICTIMS - AGE GROUPS

CLASSIFICATION	Under 1 Year		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80 and Over		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
BICYCLIST									1			1							1																		2	1	3
DRIVER									6	2	7		2		2	1	3		6					3	3				2	2	3	1	2	1	8	2	47	9	56
MOTORCYCLE DRIVER											1				2		2		2	1	5		1														13	1	14
PASSENGER				1					3	2	2				1	1	1	2	1						1						1		1	3			11	9	20
PEDESTRIAN			4	1	1	1									1		1		1		1	1	1	2			1		1	2	2		2	1	2	15	11	26	
MOTORCYCLE PASSENGER								1					1																								2		2
TOTAL			4	2	1	1		1	10	4	10	1	2	1	6	2	7	2	11	1	6	1	5		6			1	2	3	6	3	3	6	9	4	88	33	121

VEHICULAR FATALITIES

TABLE 46
MONTH AND AGE GROUPS

MONTH	Under 1 Year		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80 and Over		TOTAL		GRAND TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
JANUARY																1		1						1						1	1			1		1		4	3	7
FEBRUARY									4		1								1																2		8		8	
MARCH				1		1					1						1	1					1						1		1	1					5	4	9	
APRIL									1		2		1		3	1	1	1	1																1		10	2	12	
MAY			1														1		1																	2		6		6
JUNE									1						1										2						3		1			1	8	1	9	
JULY				1					1	1	1		1				2		2		4	1		1			1		1					2	1	15	5	20		
AUGUST				1	1	1					1	1		1			1		1	1				1				1		1		1	1				9	5	14	
SEPTEMBER				1					1	1	1	3			1				2		1		1										1			10	3	13		
OCTOBER									2		1				1					1				1									1	1	1		7	2	9	
NOVEMBER																		1						1				1		2							2	3	5	
DECEMBER										2						1	1							1	1						1		1	1			4	5	9	
TOTAL			4	2	1	1		1	10	4	10	1	2	1	6	2	7	2	11	1	6	1	5		6			1	2	3	6	3	3	6	9	4	88	33	121	

AUTOPSIES - 2001 VEHICULAR FATALITIES

MONTH AND AGE GROUPS

TABLE 47

MONTH	Under 1 Year		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80 and Over		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
JANUARY																1	1							1						1		1		1	4	2	6		
FEBRUARY									4	1							1										1						2		8	1	9		
MARCH				1		1					1						1	1						1						1					4	3	7		
APRIL								1	2		1	3	1	1	1	1													1					9	3	12			
MAY			1													1	1																1		4		4		
JUNE								1																	2				3	1			1	1	7	1	8		
JULY			1				1	1	1		1	1	2	2	3	1			1		1		1			1	1			1	1	14	5	19					
AUGUST			1	1	1				1	1		1		1	1	1	1	1					1				1	1	1			11	4	15					
SEPTEMBER			1				1	1	1	2			1		1	1													1				7	3	10				
OCTOBER							2		1			1		1	1								1						1	1	1		8	2	10				
NOVEMBER															1									1				2			1		3	2	5				
DECEMBER								2					1	1										1	1			1	1	1		4	6	10					
TOTAL			4	2	1	1		1	10	4	9	1	2	1	6	2	7	2	11	1	6	1	4		6			1	1	3	5	3	3	5	8	4	83	32	115

VEHICULAR FATALITIES

TABLE 48

MAJOR INJURY AND SURVIVAL INTERVAL

D.O.A. - Dead on arrival.
 *Includes 16 motorcyclists
 ** Includes 2 Motorcycle Passenger

MAJOR INJURY	BICYCLIST				DRIVER*				PASSENGER**				PEDESTRIAN				TOTAL										
	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE							
To Brain:																											
With Fracture of Skull Only					10	1	7		1	1	5	1	3		1	4		3		1	19	2	13		2	2	
With Fracture of Skull and Body Fractures					1	1															1	1					
Without Fracture of Skull																											
TOTAL					11	2	7		1	1	5	1	3		1	4		3		1	20	3	13		2	2	
To Spinal Cord:																											
With Fracture of Vertebra																											
TOTAL																											
To Chest																											
With Fracture of Thoracic Cage																											
Without Fracture of Thoracic Cage																											
TOTAL																											
To Extremities:																											
TOTAL					1					1											1					1	
Multiple Injuries:																											
To Head and Trunk					6	2	3		1		3	3			4		4				13	5	7		1		
To Head, Trunk and Extremities	3	3			34	9	17		4	4	11	5	3		1	2	15	1	11	1	2	63	15	34	1	5	8
To Trunk					7	1	4			2	1	1									8	2	4			2	
To Trunk and Extremities					4		4				1		1			1					1	6		5		1	
TOTAL	3	3			51	12	28		5	6	16	9	4		1	2	20	1	15	1	3	90	22	50	1	6	11
Miscellaneous Injuries																											
TOTAL					7	1	2	1		3	1				1	2					2	10	1	2	1		6
GRAND TOTAL	3	3			70	15	37	1	6	11	22	10	7		2	3	26	1	18	1	6	121	26	65	2	8	20

MAJOR INJURY signifies most severe injury to which death is attributed and is not to be construed as the only injury.

MULTIPLE INJURY signifies those cases in which injury to chest and abdomen or to trunk and extremities was so severe that no one injury could be assigned as the cause of death.

MISCELLANEOUS INJURY signifies burns, carbon monoxide, intoxication, drowning and traumatic asphyxia.

2001 VEHICULAR FATALITIES

MAJOR INJURY AND SURVIVAL INTERVAL - AGE GROUPS (BICYCLIST - DRIVER - PASSENGER - PEDESTRIAN) TABLE 49

AGE	BRAIN				SPINAL CORD				CHEST				ABDOMEN				EXTREMITIES				MULTIPLE INJURIES				MISCELLANEOUS				TOTAL															
	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE									
UNDER 1 YEAR																																												
1 - 4	2		2																			4	4												6	6								
5 - 9	1		1																			1	1													1	1							
10 - 14	1				1																															1								
15 - 19	3	1	1		1																	10	4	6				1				1		14	5	7		1	1					
20 - 24	4	1	3																			7	2	3		2										11	3	6		2				
25 - 29																						3	2	1													3	2	1					
30 - 34	1		1																			7	4	2			1											8	4	3		1		
35 - 39	1		1																			8	3	3		2													9	3	4		2	
40 - 44	1	1																				9	2	7				2	1	1										12	4	8		
45 - 49																						7	1	6																7	1	6		
50 - 54																						4	2	2				1									1	5	2	2		1		
55 - 59																						5		4			1	1									1	6		4		2		
60 - 64																						1	1														1	1		1				
65 - 69																						5		2			3											5		2		3		
70 - 74	3		2		1																	4	1	3				2								2	9	1	5		3			
75 - 79	1				1																	7	1	3	1		2	1					1					9	1	3	2		3	
80 - OVER	2		2													1			1			8		2		2	4	2						1				13	5		2		6	
TOTAL	20	3	13		2	2										1			1			90	22	50	1	6	11	10	1	2	1		6		121	26	65	2	8		20			

TABLE 50
MAJOR INJURY AND SURVIVAL INTERVAL - AGE GROUPS (DRIVER)

AGE	BRAIN				SPINAL CORD				CHEST				ABDOMEN				EXTREMITIES				MULTIPLE INJURIES				MISCELLANEOUS				TOTAL										
	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE				
UNDER 1 YEAR																																							
1 - 4																																							
5 - 9																																							
10 - 14																																							
15 - 19		3	1	1	1																					5	1	4							8	2	5	1	
20 - 24		3		3																					5	1	2	2						8	1	5	2		
25 - 29																									2	1	1								2	1	1		
30 - 34		1		1																					4	2	1		1					5	2	2		1	
35 - 39																									5	2	2	1						5	2	2		1	
40 - 44		1	1																						6	2	4			2	1	1			9	4	5		
45 - 49																									5		5								5		5		
50 - 54																									3	2	1			1				1	4	2	1		1
55 - 59																									2		2			1				1	3		2		1
60 - 64																																							
65 - 69																									4		1			3					4		1		3
70 - 74		1		1																					3	1	2							4	1	3			
75 - 79		1			1																				1		1			1				3	1	1		1	
80 - OVER		1		1										1						1					6		2	2	2	2	1		1	10	4		2	4	
TOTAL		11	2	7	1	1									1					1				51	12	28	5	6	7	1	2	1	3	70	15	37	1	6	11

2001 VEHICULAR FATALITIES

MAJOR INJURY AND SURVIVAL INTERVAL - AGE GROUPS (PASSENGER)

TABLE 51

AGE	BRAIN				SPINAL CORD			CHEST			ABDOMEN			EXTREMITIES			MULTIPLE INJURIES			MISCELLANEOUS			TOTAL				
	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS 8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS 8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS 8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS 8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS 8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS 8 DAYS OR MORE			
UNDER 1 YEAR																											
1 - 4	1		1																					1		1	
5 - 9																											
10 - 14	1			1																			1		1		
15 - 19																4	3	1				1		1		5	
20 - 24	1	1														1	1						2	2		4	
25 - 29																1	1						1	1		2	
30 - 34																2	2						2	2		4	
35 - 39	1		1													2	1		1				3	1	1	5	
40 - 44																1		1					1	1		2	
45 - 49																											
50 - 54																											
55 - 59																1		1					1	1		2	
60 - 64																											
65 - 69																											
70 - 74	1		1																				1	1		2	
75 - 79																4	1	1		2			4	1	1	6	
80 - OVER																											
TOTAL	5	1	3	1											16	9	4		1	2	1		1	22	10	7	29

VEHICULAR FATALITIES

TABLE 52

MAJOR INJURY AND SURVIVAL INTERVAL - AGE GROUPS (PEDESTRIAN)

AGE	BRAIN				SPINAL CORD				CHEST				ABDOMEN				EXTREMITIES				MULTIPLE INJURIES				MISCELLANEOUS				TOTAL							
	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	
UNDER 1 YEAR																																				
1 - 4	1	1														4	4											5	5							
5 - 9	1	1													1	1											2	2								
10 - 14																																				
15 - 19																																				
20 - 24																																				
25 - 29																																				
30 - 34																1	1										1	1								
35 - 39																1	1										1	1								
40 - 44																1	1										1	1								
45 - 49																2	1	1									2	1	1							
50 - 54																1	1										1	1								
55 - 59																2	1		1								2	1							1	
60 - 64																1	1										1	1								
65 - 69																1	1										1	1								
70 - 74	1				1											1	1				2				2	4	1							3		
75 - 79																2	1	1								2	1	1								
80 - OVER	1	1													2						2					3	1							2		
TOTAL	4	3			1										20	1	15	1			3	2			2	26	1	18	1					6		

2001 VEHICULAR FATALITIES

MAJOR INJURY AND SURVIVAL INTERVAL - AGE GROUPS (BICYCLIST)

TABLE 53

AGE	BRAIN				SPINAL CORD				CHEST				ABDOMEN				EXTREMITIES				MULTIPLE INJURIES				MISCELLANEOUS				TOTAL											
	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	D.O.A. AT HOSPITAL LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE					
UNDER 1 YEAR																																								
1 - 4																																								
5 - 9																																								
10 - 14																																								
15 - 19																																								
20 - 24																																								
25 - 29																																								
30 - 34																																								
35 - 39																																								
40 - 44																																								
45 - 49																																								
50 - 54																																								
55 - 59																																								
60 - 64																																								
65 - 69																																								
70 - 74																																								
75 - 79																																								
80 - OVER																																								
TOTAL																																								

VEHICULAR FATALITIES

TABLE 54 GEOGRAPHICAL LOCATION - TYPE OF ACCIDENT - CLASSIFICATION OF VICTIMS

CITIES	AUTO					MTC ¹		TRUCK					BUS		TOTALS					GRAND TOTAL															
	AUTO		FIXED OBJECT		NON-COLLISION		PEDESTRIAN		TRUCK		FIXED OBJECT		NON-COLLISION		PEDESTRIAN		TRUCK		PEDESTRIAN		BICYCLIST		DRIVER		MOTORCYCLIST		PASSENGER		PEDESTRIAN						
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		F	M	F	M	F	M	F	M	F	M	F				
CLEVELAND																																			
Bicyclist															1								1							1					
Driver			7	2																					12	2				14					
Motorcyclist																										3				3					
Passenger			6	2																							6	4		10					
Pedestrian																												7	2	9					
BEDFORD																																			
Pedestrian																													1	1					
BROADVIEW HEIGHTS																																			
Pedestrian																													1	1					
BROOK PARK																																			
Driver																													1	1					
Passenger																													1	1					
BROOKLYN																																			
Driver																													2	1	3				
CLEVELAND HEIGHTS																																			
Pedestrian																													1	1					
EAST CLEVELAND																																			
Pedestrian																													1	1					
EUCLID																																			
Driver			2																										3	3					
Pedestrian																													2	2	4				
GARFIELD HEIGHTS																																			
Driver																													1	1					
INDEPENDENCE																																			
Driver																													1	1					
Passenger																													1	1					
LAKEWOOD																																			
Motorcycle																													1	1					
Passenger																													1	1					
Pedestrian																													1	1	2				
SUBTOTAL			15	5	1		9	3	4	2	3	1	1		1		5	2	1		1	3	1		1	1	1	19	4	4	7	6	12	7	60

2001 VEHICULAR FATALITIES

GEOGRAPHICAL LOCATION - TYPE OF ACCIDENT - CLASSIFICATION OF VICTIMS

TABLE 54 (continued)

CITIES	AUTO					MTC ¹		TRUCK					BUS		TOTALS					GRAND TOTAL								
	AUTO		FIXED OBJECT		NON-COLLISION		PEDESTRIAN		TRUCK		FIXED OBJECT		NON-COLLISION		PEDESTRIAN		BICYCLIST		DRIVER		MOTORCYCLIST		PASSENGER		PEDESTRIAN			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		F	M	F	M	F	M	F	M
MAPLE HEIGHTS																												
Driver			1																	1								1
Passenger				1																				1				1
MAYFIELD HEIGHTS																												
Driver			1	1																1	1							2
MIDDLEBURG HEIGHTS																												
Bicyclist											1							1										1
Pedestrian							1																			1		1
NORTH OLMSTED																												
Driver	1																			2	1							3
PARMA																												
Pedestrian							1																			1		1
PARMA HEIGHTS																												
Driver			1																	1								1
ROCKY RIVER																												
Driver	1																			1								1
SOUTH EUCLID																												
Driver	1																			1								1
SEVEN HILLS																												
Driver	1																			1								1
SHAKER HEIGHTS																												
Driver			1																	1								1
Passenger				2																				2				2
SOLON																												
Driver											1									1								1
WESTLAKE																												
Driver																										1		1
Pedestrian																										2		2
SUBTOTAL	4		4	4			2	1	2						1				1	10	3				3	4		21
TOTAL	4		19	9	1		9	5	5	4	3	1	1		2				6	2	1	1	5	1	1	1	1	81

VEHICULAR FATALITIES

TABLE 55 GEOGRAPHICAL LOCATION - TYPE OF ACCIDENT - CLASSIFICATION OF VICTIMS

VILLAGES, TOWNSHIPS AND TURNPIKE	AUTO						MTC ¹		TRUCK		TOTALS						GRAND TOTAL		
	AUTO		FIXED OBJECT		TRUCK		FIXED OBJECT		FIXED OBJECT		MOTORCYCLIST		DRIVER		PASSENGER			PEDESTRIAN	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F
<u>VILLAGES:</u>																			
BENTLEYVILLE																			
Driver			1	1									1	1					
MAYFIELD																			
Driver									1				1						
NEWBURGH HEIGHTS																			
Driver					1								1						
<u>TURNPIKE:</u>																			
Driver					1								1						
TOTAL			1	1	2				1				4	1					

OUT OF COUNTY	MTC ¹ -Motorcycle																				GRAND TOTAL										
	AUTO					TRUCK					MTC ¹					TOTALS															
	AUTO		FIXED OBJECT		MOTORCYCLE		PEDESTRIAN		TRUCK		BICYCLE		MOTORCYCLE		TRUCK		FIXED OBJECT		MOTORCYCLE			NON-COLLISION		PEDESTRIAN		DRIVER		PASSENGER		PEDESTRIAN	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Bicyclist									1																	1				1	
Driver	3		6						2	1					1				2						14	1				15	
Motorcyclist					3								1						5			1			9	1				10	
Passenger				2		1			2				1													2	4			6	
Pedestrian							2																1					1	2	3	
TOTAL	3		6	2	3	1		2	4	2			1	1	1				7				1	1	23	3	2	4	1	2	35

TABLE 57
HOURLY - DAILY - ALCOHOL INCIDENCE (ALL CASES)

HOURS OF THE DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS			GRAND TOTAL																						
	TOTAL		TESTED	POSITIVE		TOTAL		TESTED	POSITIVE		TOTAL		TESTED	POSITIVE		TOTAL		TESTED	POSITIVE		TOTAL		TESTED	POSITIVE																							
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F																				
12 AM	1		1													3			3	1	2	2	1	4	2	4	2	1	1	6																	
1 AM	3		3		2		1	1						1	1					1	1	1		6		6		3		6																	
2 AM	1											1	1			1	1	1						2	1	1	1		1	3																	
3 AM	3	1	3	1	3	1						1	1	1	1	1	3	1	3	1	3	2		3	3	2	12	3	12	3	8	2	15														
4 AM																																															
5 AM	3		3		3												1	1						3	1	3	1	3			4																
6 AM									1	1					1	1								2		2					2																
7 AM												2	2												2		2				2																
8 AM																					1	1			1		1				1																
9 AM									2	2	1		1	1		1					1	1			4	1	3	1	1		5																
10 AM		1		1			2	2				1	1											3	1	3	1				4																
11 AM							1	1				2	2								1	1			4		4				4																
TOTAL AM	11	2	10	2	8	1	4	4			6	6	1		3	3	3	3	1	6	2	5	2	3	1	7	2	7	2	1	4	2	4	2	3	1	41	11	39	11	16	4	52				
12 PM									1	1	1	1				2	2							1	1						2	3	2	3						5							
1 PM		1													2	2									1	1					3	3	3	2						6							
2 PM																	1	1	1	1						2	1	2	1			2	1	2	1						3						
3 PM							1	1									2	2							2	2	1				8	1	7	1	1					9							
4 PM	2	1	2	1			3	2	3	2	1					2	2		1					1	1	1		1	1	10	3	10	3	3					13								
5 PM							1									1	1									1	1	1	1			4	3	3	3						7						
6 PM		1		1								1	1	1	1									1	1	1	1		1	1	1	1	1	1						6							
7 PM							2	1	1	1																1	1				3	2	2	2						5							
8 PM	1						1	1	1							1	1									1	1			3	2	2	1						5								
9 PM												1	1													1	1			4		4		1					4								
10 PM																										2	2	1			2		2		1					2							
11 PM													1	1												1	1			3	1	3	1						4								
TOTAL PM	3	3	2	2			8	4	6	3	1	6	2	6	2		8	3	8	3	1	4	3	4	3		11	4	10	4	3		7	3	7	3	3	47	22	43	20	8	69				
GRAND TOTAL	14	5	12	4	8	1	12	4	10	3	1	12	2	12	2	1	11	6	11	6	1	1	10	5	9	5	3	1	18	6	17	6	4		11	5	11	5	6	1	88	33	82	31	24	4	121

2001 VEHICULAR FATALITIES

HOURLY - DAILY - ALCOHOL INCIDENCE (BICYCLIST)

TABLE 58

HOURS OF THE DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS			GRAND TOTAL					
	TOTAL		TESTED	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE							
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
12 AM																1	1							1	1					1
1 AM																														
2 AM																														
3 AM																														
4 AM																														
5 AM																														
6 AM																														
7 AM																														
8 AM																														
9 AM																														
10 AM																														
11 AM																														
TOTAL AM																1	1								1	1				1
12 PM																														
1 PM																														
2 PM																														
3 PM																1	1								1	1				1
4 PM					1	1																		1	1					1
5 PM																														
6 PM																														
7 PM																														
8 PM																														
9 PM																														
10 PM																														
11 PM																														
TOTAL PM					1	1										1	1							1	1	1	1			2
GRAND TOTAL					1	1										1	1	1	1					2	1	2	1			3

VEHICULAR FATALITIES

TABLE 59
HOURLY - DAILY - ALCOHOL INCIDENCE (DRIVER)

HOURS OF THE DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS			GRAND TOTAL																	
	TOTAL		TESTED	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE															
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F													
12 AM	1		1																						1	1			1													
1 AM	1		1		1		1							1		1					1		1		1	1	1	2	4													
2 AM	1											1		1		1								2	1	1	1	1	3													
3 AM	1		1		1							1		1		1		2		2			2	2	1	7	7	3	7													
4 AM																																										
5 AM	1		1		1																					1	1	1	1													
6 AM																																										
7 AM																																										
8 AM																	1		1						1	1			1													
9 AM								1		1			1		1			1		1					3	1	2	1	4													
10 AM		1		1																						1	1		1													
11 AM						1		1				2		2											3	3			3													
TOTAL AM	5	1	4	1	3	2	2			3	3			3	3			3	1	2	1	1	1	3	1	3	1		25													
12 PM										1	1						2		2						1	1			4													
1 PM										1	1															1	1			3												
2 PM																										1	1			1												
3 PM						1		1							1		1							2	2	1	5	4	1	5												
4 PM	1		1			2		2		1					2		2		1						1	1	1	7	7													
5 PM															1		1		1		1									4												
6 PM															1		1		1											2												
7 PM						2		1																						2												
8 PM																																										
9 PM																																										
10 PM																																										
11 PM																																										
TOTAL PM	1		1			5		4		1		3		3			5	3	5	3	1			1	1	1	1	1	1	31												
GRAND TOTAL	6	1	5	1	3	7	6	1		6	6			8	3	8	3	1		4	2	3	2	1	1	11	2	10	2	3	5	1	5	1	3	47	9	43	9	12	1	56

2001 VEHICULAR FATALITIES

HOURLY - DAILY - ALCOHOL INCIDENCE (DRIVER-MOTORCYCLIST)

TABLE 59A

HOURS OF THE DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS			GRAND TOTAL							
	TOTAL		TESTED	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE									
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F								
12 AM																1	1							1	1							1
1 AM																																
2 AM																																
3 AM	1		1		1									1	1	1										2	2	2				2
4 AM																																
5 AM																																
6 AM																																
7 AM																																
8 AM																																
9 AM																																
10 AM					1		1																			1	1					1
11 AM																1	1								1	1						1
TOTAL AM	1		1		1		1							1	1	1	2	2							5	5	2					5
12 PM																																
1 PM																																
2 PM																																
3 PM														1	1		1	1							2	2						2
4 PM	1		1																						1	1						1
5 PM																																
6 PM											1	1							1	1	1			2	2	1						2
7 PM								1	1															1	1							1
8 PM	1																		1	1				1	1		1					2
9 PM																			1	1	1			1	1	1						1
10 PM																																
11 PM																																
TOTAL PM	2		1							1	1			1	1		1	1			2	1	2	1	2	8	1	7	1	2		9
GRAND TOTAL	3		2		1		1			1	1			2	2	1	3	3			2	1	2	1	2	13	1	12	1	4		14

VEHICULAR FATALITIES

TABLE 60

HOURLY - DAILY - ALCOHOL INCIDENCE (PASSENGER)

HOURS OF THE DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS			GRAND TOTAL						
	TOTAL		TESTED	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE								
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F							
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F				
12 AM																1	1	1					1	1	1	1					
1 AM	2		2		1																		2	2	1	2					
2 AM																															
3 AM	1	1	1	1	1	1						1	1	1	1	1				1	1	1	3	3	3	3	3	2	6		
4 AM																															
5 AM	2		2		2											1	1						2	1	2	1	2	3			
6 AM																															
7 AM																															
8 AM																															
9 AM																															
10 AM									1	1													1		1			1			
11 AM																															
TOTAL AM	5	1	5	1	4	1					1	1			1	1	1	1	1	1	1	1	9	4	9	4	7	2	13		
12 PM																															
1 PM			1																								1		1		
2 PM																															
3 PM																															
4 PM			1		1				2	2															3		3		3		
5 PM							1							1	1									1	1	1			2		
6 PM																															
7 PM																															
8 PM							1																			1			1		
9 PM																															
10 PM																															
11 PM																					1	1	1	1			1	1	1	1	2
TOTAL PM		2		1			1	3	2						1	1							1	1	1	1	2	7	1	5	9
GRAND TOTAL	5	3	5	2	4	1	1	3	2		1	1		1	1	1	1	1	1	2	1	2	1	1	11	11	10	9	7	2	22

2001 VEHICULAR FATALITIES

HOURLY - DAILY - ALCOHOL INCIDENCE (PEDESTRIAN)

TABLE 61

HOURS OF THE DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS			GRAND TOTAL		
	TOTAL		TESTED	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
12 AM																				2	2	1	2	2	1	2	
1 AM																											
2 AM																											
3 AM																											
4 AM																											
5 AM																											
6 AM								1	1					1	1									2	2		2
7 AM												2	2											2	2		2
8 AM																											
9 AM								1	1	1														1	1	1	1
10 AM					1	1																		1	1		1
11 AM																											
TOTAL AM					1	1		2	2	1		2	2		1	1				2	2	1	4	4	4	8	
12 PM								1	1															1	1		1
1 PM											1	1				1	1							1	1	1	2
2 PM														1	1	1	1							1	1	1	2
3 PM								1	1															1	1		1
4 PM																	1	1						1	1		1
5 PM														1	1									1	1		1
6 PM	1		1					1	1															2	2		2
7 PM					1	1										1	1							2	2		2
8 PM					1	1					1	1												2	2		2
9 PM								1	1							1	1		1	1				3	3		3
10 PM																1	1							1	1		1
11 PM																											
TOTAL PM	1		1		1	1	1	1		2	2	2	2		2	1	2	1		2	2		11	7	11	18	
GRAND TOTAL	1		1		2	1	2	1		4	2	4	2	1	2	2	2	2		2	2	2	1	15	11	15	26

VEHICULAR FATALITIES

TABLE 62 HOURLY AND DAILY INCIDENCE ARRANGED ACCORDING TO DRIVER, PASSENGER AND PEDESTRIAN

HOURS OF THE DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS			GRAND TOTAL																					
	DRIVER		PASSENGER	DRIVER		PASSENGER	PEDESTRIAN	DRIVER		PASSENGER	PEDESTRIAN	DRIVER		PASSENGER	PEDESTRIAN	DRIVER		PASSENGER	PEDESTRIAN	DRIVER		PASSENGER	PEDESTRIAN																							
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F																	
12 AM	1															2	1						2	3	1			2	6																	
1 AM	1		2			1								1						1				2	4	2			6																	
2 AM	1										1				1									2	1				3																	
3 AM	2		1	1							1		1		2	1	1			2	1			9	3	3			15																	
4 AM																																														
5 AM	1		2															1						1	2	1			4																	
6 AM											1							1									2		2																	
7 AM														2													2		2																	
8 AM																1								1					1																	
9 AM								1		1	1	1		1		1								3	1		1		5																	
10 AM		1				1			1															1	1	1	1		4																	
11 AM						1			2							1								4					4																	
TOTAL AM	6	1	5	1		3			1	3	1	2		3		1	2	4	1	1	1	1		3	1		2	28	3	9	4	4	4	52												
12 PM								1			1	2				1								2	2				1	5																
1 PM				1				1			1			1						1	1			2	1	1	1	1	1	6																
2 PM																1	1	1					1				1	1		3																
3 PM						1					1				2					2	1		2		7	1		1		9																
4 PM	2			1		3		2		1		2				1							1	9			3	1		13																
5 PM							1					1				1	1	1						2	2	1	1	1		7																
6 PM						1						1	1	1		1					1			3	1			2		6																
7 PM						2			1	1										1				3				2		5																
8 PM	1						1	1						1							1			1	1		1	2		5																
9 PM										1										1	1			1			3			4																
10 PM																1				1				1			1			2																
11 PM											1					1								2		1	1			4																
TOTAL PM	3			2	1	6	1	3	1	1	4			2	2	6	3		2	2	1	1	2	2	2	4	2	1	1	2	34	8	2	7	11	7	69									
GRAND TOTAL	9	1	5	3		1	9	1	3	2	1	7	1	4	2	9	3		1	2	2	6	2	1	2	3	1	15	3	1	1	2	2	7	2	2	1	2	2	62	11	11	11	15	11	121

VEHICULAR FATALITIES

2001 VEHICULAR FATALITIES

HOURLY AND DAILY INCIDENCE ARRANGED ACCORDING TO PRE-SCHOOL, SCHOOL AND AGE GROUPS **TABLE 63**

VEHICULAR FATALITIES

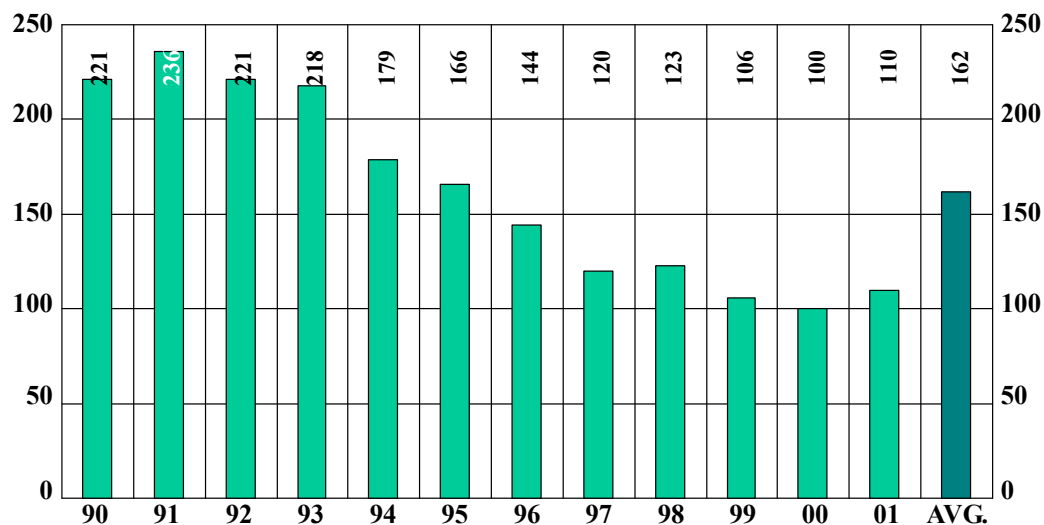
HOURS OF THE DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS			GRAND TOTAL																				
	PRE-SCHOOL		SCHOOL	ADULT		PRE-SCHOOL		SCHOOL	ADULT		PRE-SCHOOL		SCHOOL	ADULT		PRE-SCHOOL		SCHOOL	ADULT		PRE-SCHOOL		SCHOOL	ADULT																					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F												
12 AM					1												1	2							1	3	2		6																
1 AM			3					1						1							1					4	2		6																
2 AM					1						1					1									1	1	1		3																
3 AM					3	1						1	1			3	1		1				3			1	11	3	15																
4 AM																																													
5 AM					3													1								1	3		4																
6 AM											1					1											2		2																
7 AM													2															2	2																
8 AM																			1							1			1																
9 AM									1	1					1					1						1	3	1	5																
10 AM					1					2			1														3	1	4																
11 AM										1			2						1								4		4																
TOTAL AM			3		8	2				4			1	5			1	5	2			2	1	5	1			4	2		8	1	33	10	52										
12 PM											1	1								1									2	3		5													
1 PM						1															1					1		1	2	3		6													
2 PM																1	1											2	1		3														
3 PM										1							2										2			8	1		9												
4 PM				1	2			1			3	1								1		1				1	1		1	9	1		13												
5 PM										1						1										1				3	3		7												
6 PM						1							1													1			1	3	2		6												
7 PM																					1							1		1	3		5												
8 PM						1																					1	1		2	2		5												
9 PM																										1		1		2			4												
10 PM																														2			2												
11 PM																														1	2	1		4											
TOTAL PM				1	3	2				2			1								1		1	10	3	1		2	4	3	4	2	3	3	40	17	69								
GRAND TOTAL			3	1	11	4				2			2	10	2	1			1	1	9	5	1		1	1	8	5	1		2	2	15	4	1	2	8	5	4	2	11	4	73	27	121

NOTE: PRE-SCHOOL - Under 5 years, SCHOOL - 5 to 18 years, ADULT - 19 years and older.



HOMICIDES

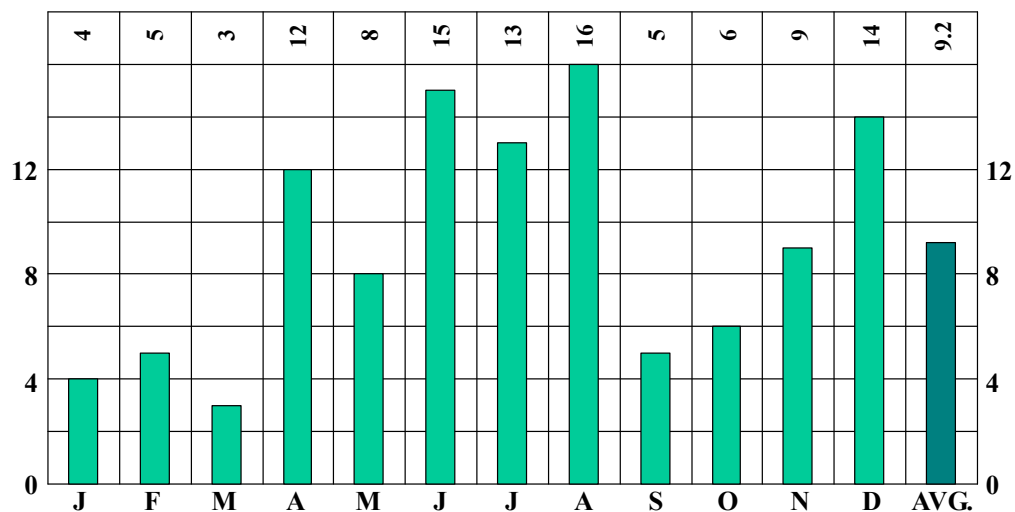
FOR A PERIOD OF TWELVE YEARS



		NUMBER	PERCENT
SEX	MALE	84	76
	FEMALE	26	24
RACE	WHITE	37	34
	NON-WHITE	73	66
ALCOHOL	TESTED	110	100
	POSITIVE	30	27
AUTOPSY	AUTOPSIED	109	99

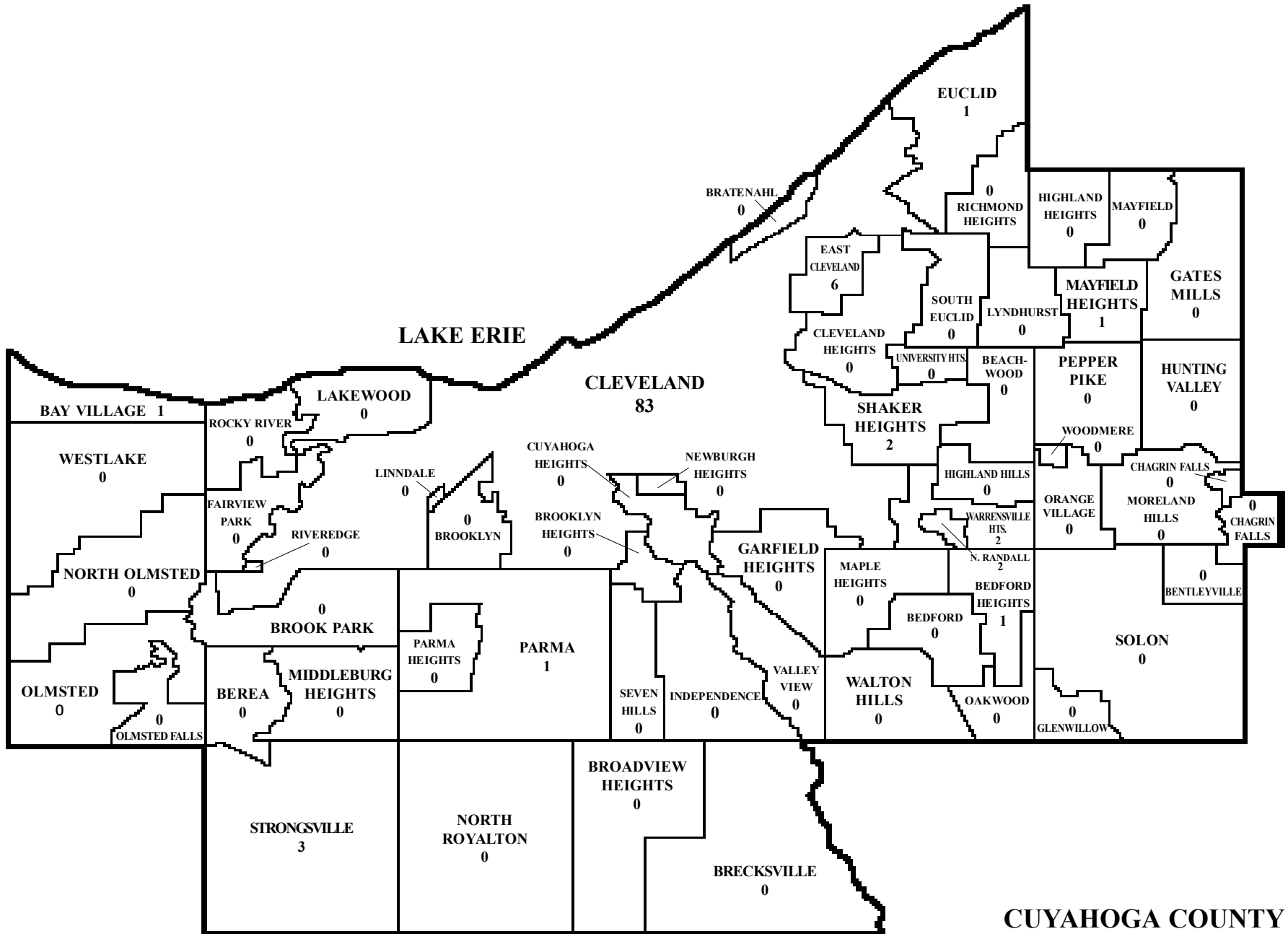
HOMICIDES

BY MONTH FOR THE YEAR 2001



2001
TOTAL CASES
110

HOMICIDES



CUYAHOGA COUNTY

MONTH	TOTAL	NOT TESTED								TESTED						STAGES																													
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over									
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F								
JANUARY	4	4		3		1												4	2		2		1																						
FEBRUARY	5	4	1	2		1		1	1									4	1	3	1	1		1																					
MARCH	3	3		2		1												3		1		2				1													1						
APRIL	12	6	6	5	4	1	2											6	6	4	5	2	1		1	1																			
MAY	8	7	1	6	1	1												7	1	5	1	2				1																			
JUNE	15	10	5	6	2	2	3	2										10	5	8	4	2	1	1	1			1																	
JULY	13	11	2	10	2			1										11	2	8	2	3				2		1																	
AUGUST	16	13	3	11	1	1	2	1										13	3	11	2	2	1			1																			
SEPTEMBER	5	5		4		1												5		4		1																							
OCTOBER	6	6		6														6		4		2						1																	
NOVEMBER	9	6	3	5	3	1												6	3	3	2	3	1			2	1																1		
DECEMBER	14	9	5	6	4	2	1	1										9	5	7	3	2	2		1																				
TOTAL	110	84	26	66	17	12	8	6	1									84	26	60	20	24	6	3	3	8	1	4																	

TABLE 65

AGE - RACE - ALCOHOL INCIDENCE

AGE	RACE	TOTAL	NOT TESTED																TESTED						STAGES											
			Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over													
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F								
Under 1 Year	White	1	1																																	
	Non-White	3	1	2																																
1 - 4	White	1	1																																	
	Non-White	4	2	2																																
5 - 9	White																																			
	Non-White	1	1																																	
10 - 14	White	3	2	1																																
	Non-White	2	1	1																																
15 - 19	White	3	2	1																																
	Non-White	15	12	3																																
20 - 24	White	3	3																																	
	Non-White	9	8	1																																
25 - 29	White	3	1	2																																
	Non-White	7	6	1																																
30 - 34	White	3	2	1																																
	Non-White	12	10	2																																
35 - 39	White	4	3	1																																
	Non-White	5	3	2																																
40 - 44	White	2	1	1																																
	Non-White	5	3	2																																
45 - 49	White	4	3	1																																
	Non-White	4	4																																	
50 - 54	White	6	6																																	
	Non-White	5	5																																	
55 - 59	White																																			
	Non-White																																			
60 - 64	White	1	1																																	
	Non-White	1	1																																	
65 - 69	White	1		1																																
	Non-White																																			
70 - 74	White																																			
	Non-White																																			
75 - 79	White	1	1																																	
	Non-White																																			
80 - over	White	1		1																																
	Non-White																																			
TOTAL	White	37	27	10																																
	Non-White	73	57	16																																
GRAND TOTAL		110	84	26																																

HOMICIDES

2001 HOMICIDES

MODE - ALCOHOL INCIDENCE

TABLE 66

MODE	TOTAL					NOT TESTED				TESTED				STAGES																		
		Total	Cleve.		County		Out of County		Total	Surv'd Too Long		Under Age		Other		Total	Neg.		Pos.		0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over					
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
ASSAULT	24	16	8	11	4	1	4	4							16	8	12	5	4	3	1	1	1	1			2	1				
BURNING	2	1	1	1	1										1	1	1	1														
SHOOTING	69	55	14	45	9	9	4	1	1						55	14	38	12	17	2	2	2	7		4	2		1			1	
STABBING	9	8	1	7	1	1									8	1	6	1	2						1				1			
STRANGULATION	4	2	2	1	2	1									2	2	1	1	1	1					1	1						
OTHERS*	2	2		1				1							2		2															
TOTAL	110	84	26	66	17	12	8	6	1						84	26	60	20	24	6	3	3	8	1	4		6	2	1		1	1

*Drag racing and Intentionally run over by auto.

HOMICIDES

MODE - AGE GROUPS

TABLE 67

MODE	Under 1 Year		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80 and Over		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
ASSAULT	1	2	3								1	1	1		1		1	1	1	1	1		6				2				1			1	16	8	24		
BURNING				1	1																														1	1	2		
SHOOTING				1			3	2	12	4	10		5	1	11	2	4		3	2	4	1	3				1								55	14	69		
STABBING									1		1		1				2	1			1		1												8	1	9		
STRANGULATION	1											1					1						1												2	2	4		
OTHER						1															1													2		2			
TOTAL	2	2	3	2	1		3	2	14	4	11	1	7	3	12	3	6	3	4	3	7	1	11			2		1		1		1	1	84	26	110			

HOMICIDES

2001 HOMICIDES (JUSTIFIABLE - DURING LEGAL INTERVENTION)

TABLE 68 PLACE OF OCCURRENCE - CIRCUMSTANCES - ASSAILANTS / VICTIMS - ALCOHOL INCIDENCE

ASSAILANTS	TOTAL	Total				NOT TESTED				TESTED				STAGES													
		Cleve.		County		Out of County		Total		Surv'd Too Long	Under Age		Other		Total	Neg.		Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<u>PUBLIC CIRCUMSTANCES:</u>																											
During or following the commission or attempted commission of a felony																											
<i>Police</i>	1	1		1											1			1									
TOTAL	1	1		1											1			1									

HOMICIDES

2001 HOMICIDES (NON-JUSTIFIABLE)

PLACE OF OCCURRENCE - CIRCUMSTANCES - ASSAILANTS / VICTIMS - ALCOHOL INCIDENCE TABLE 69

HOMICIDES

ASSAILANTS	TOTAL					NOT TESTED				TESTED			STAGES														
		Total		Cleve.		County		Out of County		Total	Surv'd Too Long	Under Age	Other	Total	Neg.	Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over				
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
HOME CIRCUMSTANCES:																											
During or following an argument*																											
<i>Acquaintance</i>	10	5	5	3	2	2	3									5	5	3	3	2	2	1	2		1		
<i>Daughter</i>	1	1					1									1	1										
<i>Father</i>	6	3	3		1	1	2	2								3	3	3	3								
<i>Mother</i>	1	1				1										1	1										
<i>Son</i>	1	1				1										1	1										
<i>Spouse</i>	3		3		2		1										3		3								
<i>Stranger</i>	1	1		1												1			1					1			
<i>Unknown</i>	6	3	3	3	3											3	3	3	3								
During or following the commission or attempted commission of a felony																											
<i>Acquaintance</i>	8	7	1	5	1	1		1								7	1	6		1	1		1		1		
<i>Stranger</i>	4	4		3		1										4	4										
<i>Unknown</i>	6	6		6												6	5		1				1				
Unknown Home Circumstances																											
<i>Acquaintance</i>	1	1				1										1	1										
<i>Stranger</i>	2	2		1		1										2	2										
Other Home Circumstances																											
<i>Acquaintance</i>	3		3		2			1									3		3								
TOTAL	53	35	18	22	11	9	6	4	1							35	18	30	15	5	3	1	2	1	2	1	1

* 25 Domestic Violence

2001 HOMICIDES (NON-JUSTIFIABLE)

TABLE 69A PLACE OF OCCURRENCE - CIRCUMSTANCES - ASSAILANTS / VICTIMS - ALCOHOL INCIDENCE

ASSAILANTS	TOTAL	NOT TESTED																TESTED						STAGES																
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over										
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
<u>PUBLIC CIRCUMSTANCES:</u>																																								
During or following an argument*																																								
<i>Acquaintance</i>	9	8	1	7			1	1										8	1	5	1	3											1	1	1					
<i>Husband</i>	1			1															1		1																			
<i>Stranger</i>	3	2	1	1	1			1										2	1	1	1	1		1																
<i>Unknown</i>	6	6		6														6		3		3			1													1		
During or following the commission or attempted commission of a felony																																								
<i>Acquaintance</i>	7	6	1	4	1	2												6	1	4		2	1		1	1													1	
<i>Stranger</i>	3	3		3														3		2		1																		
<i>Unknown</i>	17	16	1	15		1	1											16	1	12	1	4		1		2		1												
Unknown Public Circumstances																																								
<i>Stranger</i>	2	1	1	1	1													1	1			1	1			1														
<i>Unknown</i>	8	6	2	6	2													6	2	3		3	2			1	1													
TOTAL	56	48	8	43	6	3	2	2										48	8	30	5	18	3	2	1	6	1	2						5	1	1		1		

* 1 Domestic Violence

HOMICIDES

2001 HOMICIDES

HOMICIDES IN CUYAHOGA COUNTY 1977 - 2001

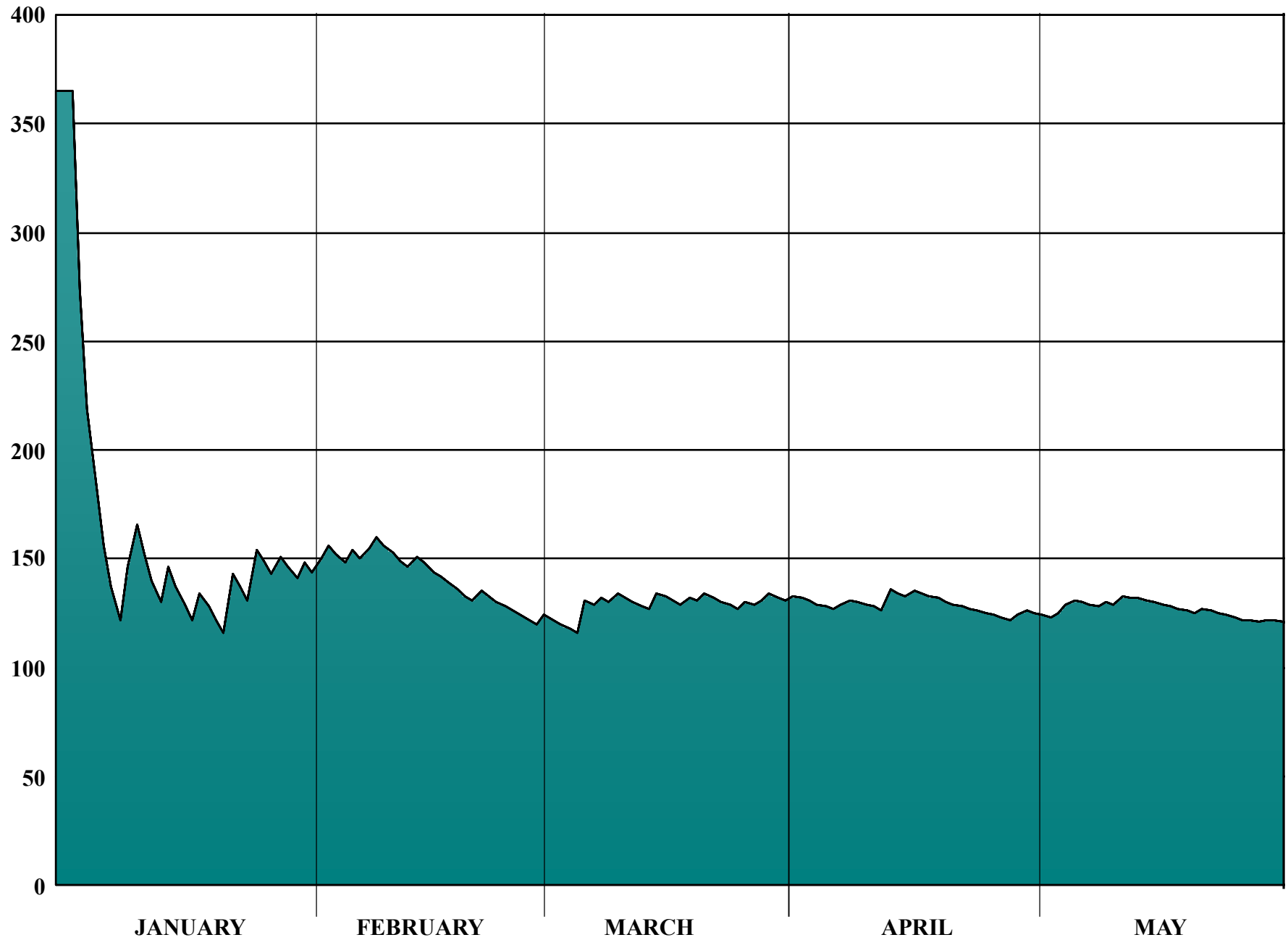
TABLE 69B

YEAR	TOTAL HOMICIDES	FIREARMS	FIREARM PERCENTAGE OF TOTAL	BLUNT VIOLENCE (MANUAL, PEDAL AND INSTRUMENTAL ASSAULT)	EDGED AND POINTED WEAPONS	STRANGULATION (MANUAL AND LIGATURE)	ALL OTHERS*
1977	300	233	77.67	27	31	6	3
1978	268	211	78.73	17	26	12	2
1979	325	236	72.62	32	37	5	15
1980	314	233	74.20	32	29	6	14
1981	269	208	77.32	25	21	8	7
1982	251	168	66.93	32	36	4	11
1983	196	126	64.29	22	32	8	8
1984	202	121	59.90	34	33	10	4
1985	188	117	62.23	19	32	10	10
1986	169	114	67.46	21	22	4	8
1987	183	102	55.74	25	30	5	21
1988	189	106	57.14	24	27	13	17
1989	188	106	56.38	33	32	8	9
1990	221	147	66.52	28	28	5	13
1991	236	164	69.49	30	27	9	6
1992	221	143	64.71	34	25	4	15
1993	218	153	70.18	18	33	9	5
1994	179	135	75.42	9	15	15	5
1995	166	108	65.06	21	23	5	9
1996	144	93	64.58	22	15	5	9
1997	120	70	58.33	24	11	7	8
1998	123	76	61.71	23	7	5	12
1999	106	72	67.92	20	7	4	3
2000	100	56	56.00	15	16	3	10
2001	110	69	62.73	24	9	4	4

*Arson, Asphyxia by: Plastic Bag, Gag and Smothering, Automobile Crash, Burning, Carbon Monoxide, Dragged by Auto, Drowning, Explosion, Exposure, Heat Stroke, Hit by Concrete Block, Jumped from Window when Threatened, Multiple Modes, Neglect, Obstruction of Airway by Foreign Object, Poisoning, Pushed in Front of Bus, Run over by Auto, Stress and Undetermined.

HOMICIDES

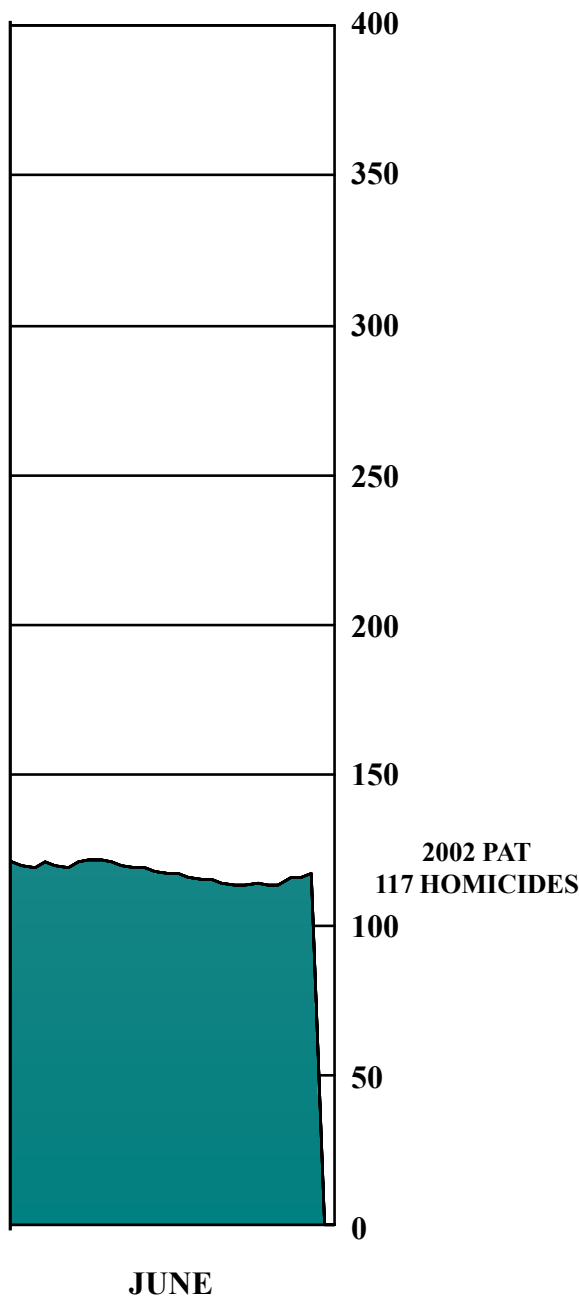
2002 MOVING PROJECTED ANNUAL HOMICIDE TOTAL



HOMICIDES

HOMICIDES

2002 MOVING PROJECTED ANNUAL HOMICIDE TOTAL (continued)



In order to establish the direction of the annual numerical trends in homicidal deaths in jurisdictional area, in 1984 we initiated a daily, graphic, *moving projected total* of culpable and justifiable demises of this type. The formula for determining the projected annual total (PAT), i.e., the total number of homicides which would occur during the entire calendar year if the daily rate up to that time were to continue unchanged is $PAT = 365H/D$ where H is the number of homicides received at our establishment since the year started. (PAT is rounded off to the nearest whole number, and the constant 366 is used in place of 365 in calculating PAT in leap years.) The date when the death was pronounced, **not** necessarily the same day as when the lethal incident occurred or when the death actually took place, is used to establish D.

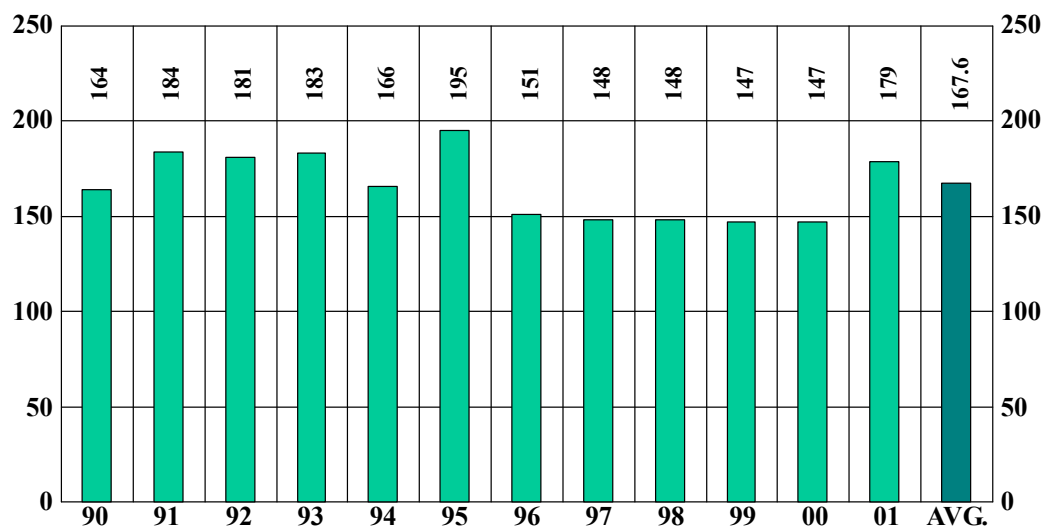
Thus, if ten homicide victims were to have been pronounced dead in Cuyahoga County from January 1 until midnight of February 5, 36 days will have elapsed since the year began, and accordingly the PAT at that time is determined as follows: PAT equals 365 times 10 divided by 36 which equals 101.36 (rounded off to 101). The number of homicides that will have been pronounced dead during the entire calendar year should the same rate prevail is 101.

In the 2000 Coroner's Statistical Report (pp. 154 - 155), the projected annual homicide total for 2001 was plotted through June 30, 2001. The number of homicides for the entire 2001 calendar year was projected to be **95**. The actual number of homicides occurring in 2001 was **110**.



SUICIDES

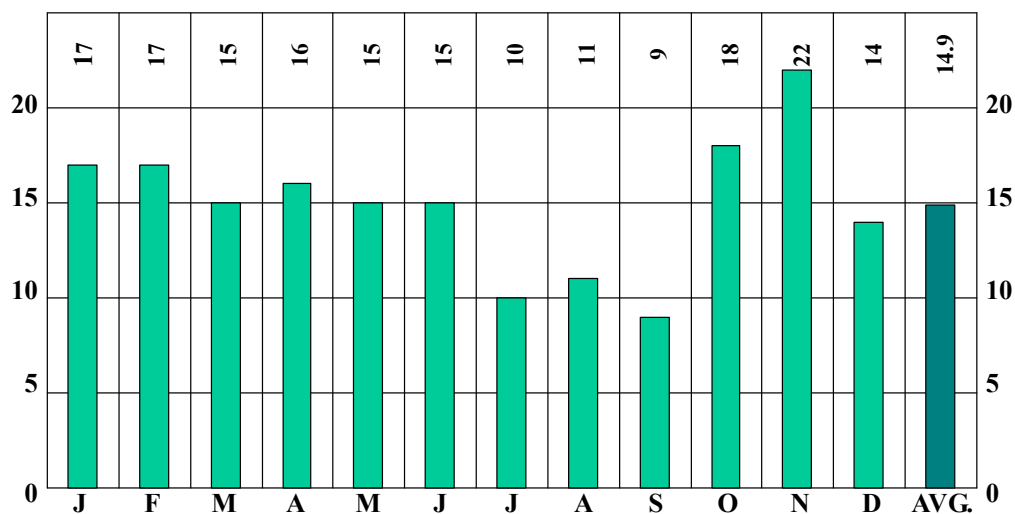
FOR A PERIOD OF TWELVE YEARS



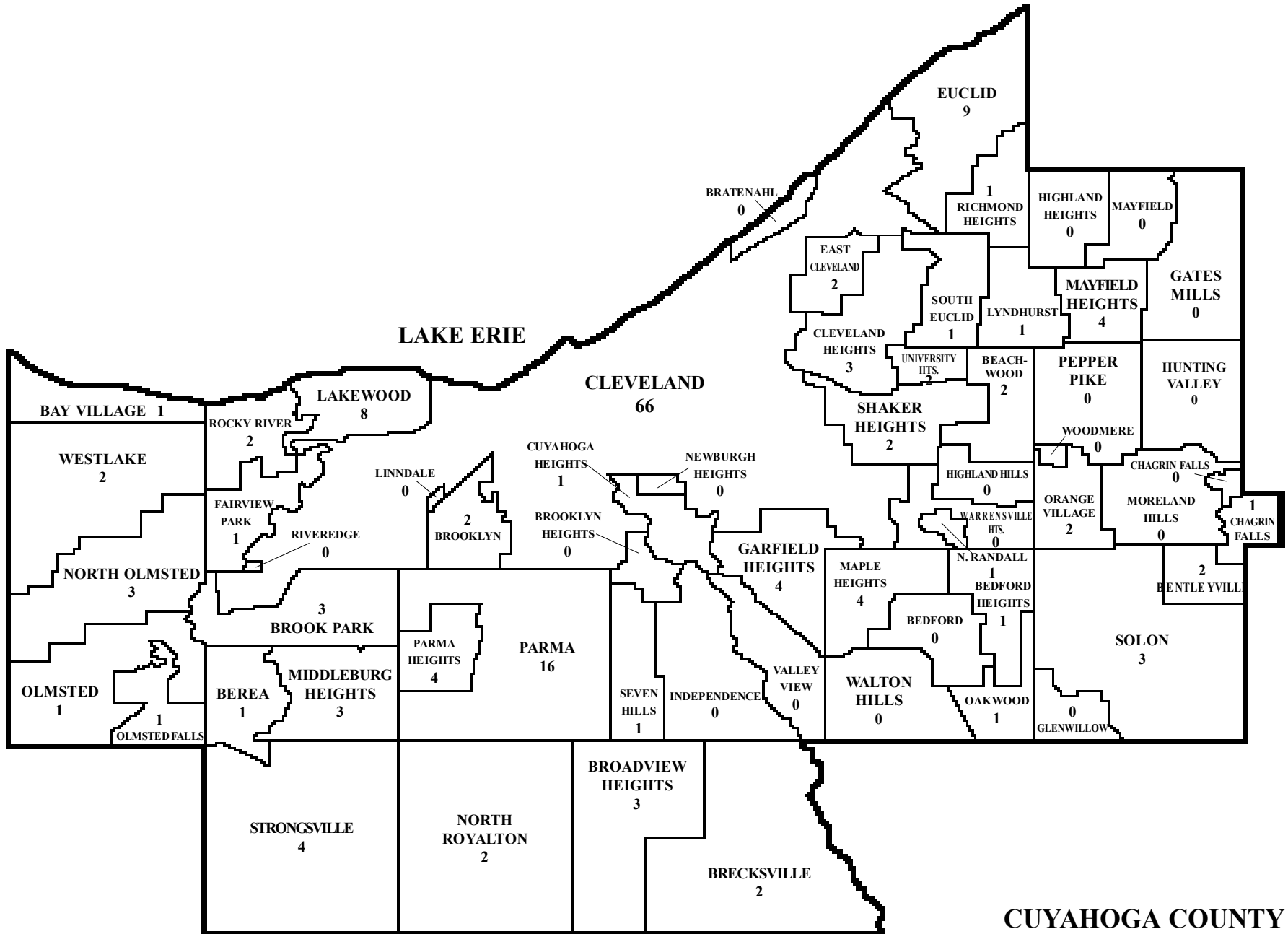
		NUMBER	PERCENT
SEX	MALE	142	79
	FEMALE	37	21
RACE	WHITE	151	84
	NON-WHITE	28	16
ALCOHOL	TESTED	177	99
	POSITIVE	45	25
AUTOPSY	AUTOPSIED	172	96

SUICIDES

BY MONTH FOR THE YEAR 2001



2001
TOTAL CASES
179



SUICIDES

MONTH	TOTAL									NOT TESTED				TESTED			STAGES									
		Total		Cleve.		County		Out of County		Total	Surv'd Too Long	Under Age	Other	Total	Neg.	Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
JANUARY	17	12	5	6		6	5							12	5	11	4	1	1			1				
FEBRUARY	17	14	3	2	1	12	2							14	3	11	2	3	1			2	1	1		
MARCH	15	13	2	5	1	6	1	2						13	2	9	2	4		1			1	2		
APRIL	16	12	4	2	1	10	2	1						12	4	7	3	5	1			1	1	1	2	
MAY	15	10	5	5	1	4	4	1						10	5	7	4	3	1	1			1		2	
JUNE	15	10	5	3	2	7	3			1		1		10	4	8	3	2	1				1	1	1	
JULY	10	6	4	5	2	1	2							6	4	5	4	1						1		
AUGUST	11	10	1	6		4	1							10	1	4	1	6				1	1	1	3	
SEPTEMBER	9	9		3		6								9		7		2						1	1	
OCTOBER	18	12	6	5	2	6	4	1						12	6	7	5	5	1		1			2	2	
NOVEMBER	22	21	1	6	1	14		1		1				20	1	15		5	1		2		1		1	
DECEMBER	14	13	1	6	1	7								13	1	12	1	1						1		
TOTAL	179	142	37	54	12	83	24	5	1	1	1	1		141	36	103	29	38	7	2	1	6	2	8	3	9

TABLE 71

AGE - RACE - ALCOHOL INCIDENCE

AGE	RACE	TOTAL	NOT TESTED								TESTED			STAGES													
			Total		Surv'd Too Long		Under Age		Other		Total		Neg.	Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over						
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
Under 1 Year	White																										
	Non-White																										
1 - 4	White																										
	Non-White																										
5 - 9	White																										
	Non-White																										
10 - 14	White																										
	Non-White																										
15 - 19	White	7	5	2							5	2	5	2													
	Non-White	2	2								2		2														
20 - 24	White	12	9	3		1	1				9	2	7	2	2		2										
	Non-White	4	2	2							2	2	2	2													
25 - 29	White	6	5	1							5	1	4	1	1		1										
	Non-White	3	3								3				3				1			2					
30 - 34	White	13	12	1							12	1	3	1	9		1	3			4	1					
	Non-White	1	1								1		1														
35 - 39	White	11	9	2							9	2	7	1	2	1	1				1						
	Non-White	3	2	1							2	1	1	1	1		1										
40 - 44	White	20	15	5							15	5	9	1	6	4	1	1	2	2	1	2	1				
	Non-White	4	4								4		2	2			1										
45 - 49	White	19	15	4							15	4	12	3	3	1			1	1	1		1				
	Non-White	1	1								1		1														
50 - 54	White	14	12	2							12	2	6	1	6	1				1	5	1					
	Non-White	2	2								2		1		1							1					
55 - 59	White	13	9	4							9	4	7	4	2						1		1				
	Non-White	1	1								1		1														
60 - 64	White	4	4								4		4														
	Non-White																										
65 - 69	White	4	4								4		4														
	Non-White	4	3	1							3	1	3	1													
70 - 74	White	6	4	2							4	2	4	2													
	Non-White	2	1	1							1	1	1	1													
75 - 79	White	10	9	1							9	1	9	1													
	Non-White																										
80 - over	White	12	8	4	1				1		7	4	7	4													
	Non-White	1	1								1		1														
TOTAL	White	151	120	31	1	1	1		1		119	30	88	23	31	7	1	1	5	2	7	3	8	7	1	1	2
	Non-White	28	22	6							22	6	15	6	7		1	1	1	1	1	1		1			2
GRAND TOTAL		179	142	37	1	1	1		1		141	36	103	29	38	7	2	1	6	2	8	3	9	8	1	1	4

SUICIDES

MODE	TOTAL	NOT TESTED							TESTED						STAGES														
		Total		Cleve.		County		Out of County	Total		Surv'd Too Long	Under Age		Other	Total		Neg.	Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over				
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
ASPHYXIA	47	37	10	14	2	22	8	1																					
CARBON MONOXIDE	11	8	3	2		6	3																						
ELECTROCUTION	0																												
JUMPING	10	6	4	3	2	3	2			1		1										1							
POISONING	22	10	12	6	3	4	8	1	1					1						1	1	2	1			1			
SHOOTING	82	76	6	28	5	45	1	3											2		2		3		5		3		
STABBING	5	4	1	1		2	1	1											1	1					1				
OTHER*	2	1	1			1	1																				1		
TOTAL	179	142	37	54	12	83	24	5	1	1		1			1				6	2	8	3	9		8		1	1	4

*Placed self on railroad tracks

TABLE 73

MODE - ALCOHOL INCIDENCE

MODE	TOTAL								NOT TESTED						TESTED						STAGES											
		Total		Cleve.		County		Out of County	Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
<u>ASPHYXIA:</u>																																
Drowning	2	2		2												2	2															
Hanging	39	33	6	12	1	20	5	1								33	6	20	6	13	1	2	4	3	2	1						
Plastic Bag	6	2	4		1	2	3									2	4	2	4													
TOTAL	47	37	10	14	2	22	8	1								37	10	24	10	13	1	2	4	3	2	1						
<u>CARBON MONOXIDE:</u>																																
Auto Exhaust	11	8	3	2		6	3									8	3	5	1	3	2		1	1	1	1	1					
Fire	0																															
TOTAL	11	8	3	2		6	3									8	3	5	1	3	2		1	1	1	1	1					
<u>JUMPING:</u>																																
Bridge	5	3	2	1	1	2	1			1	1					3	1	3	1													
Window	5	3	2	2	1	1	1									3	2	2	2	1				1								
TOTAL	10	6	4	3	2	3	2			1	1					6	3	5	3	1				1								

SUICIDES

POISONING	TOTAL	NOT TESTED												TESTED			STAGES														
		Total		Cleve.		County		Out of County		Total	Surv'd Too Long	Under Age	Other	Total	Neg.	Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over								
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
<i>Single Chemical Agent:</i>																															
Acetaminophen	1		1											1										1							
Amitriptyline	1		1											1	1																
Doxepin	1	1		1										1	1																
Olanzapine	1		1											1	1																
Trazodone	1		1											1	1																
<i>Combined Effect of Ethanol and:</i>																															
Phenobarbital	1	1			1									1										1							
Propoxyphene	1		1				1							1										1							
Diazepam and propoxyphene	1	1		1										1										1							
Tylenol, darvocet and flomax	1	1		1				1				1																			
Alprazolam, bupropion, paroxetine, propoxyphene and tramadol	1		1		1									1												1					
Carbamazepine, chlorpheniramine, diphenhydramine, hydroxyzine, sertraline, zolpidem and carbon monoxide	1		1				1							1																	
<i>Combined Effect of Two or More Chemical Agents:</i>																															
Cyclobenzaprine and benztropine	1	1		1										1	1																
Diazepam, and propoxyphene	1	1			1									1	1																
Doxepin and venlafaxine	1	1		1										1								1									
Oxycodone and cocaine	1	1			1									1	1																
Heroin, fluoxetine, and tramadol	1	1			1									1	1																
Olanzapine, venlafaxine, and doxepin	1		1		1									1	1																
Paroxetine, methadone and morphine	1		1				1							1	1																
Butalbital, diazepam, hydrocodone and phenobarbital	1		1				1							1	1																
Ibuprofen, quetiapine, tricyclic antidepressants and verapamil	1		1		1									1	1																
Oxycodone, acetaminophen, chlordiazepoxide, and diazepam	1	1		1										1	1																
Prednisone, vasotec, allopurinol and opiates	1		1				1							1	1																
GRAND TOTAL	22	10	12	6	3	4	8	1	1			1		9	12	6	8	3	4	1				1	1	2	1			1	

TABLE 75

MODE - AGE GROUPS

MODE	Under 1 Year		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80 and Over		TOTAL		GRAND TOTAL				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F							
ASPHXIA									3	1	4	4	1		5		3		6		5		2		1	1	1								2	1	1	3	3	37	10	47	
CARBON MONOXIDE											1				1		1		2	1	2	1																			8	3	11
ELECTROCUTION																																										0	
JUMPING										1		1				1		2						2		1	1													1	6	4	10
POISONING													1				1	1	6	4			3		1	1	1				1						1	1		10	12	22	
SHOOTING									4		6		5	1	5	2	3	1	4		9		10	1	6		3		7		3	1	7					4		76	6	82	
STABBING																	1	1	1						1														1		4	1	5
OTHER													1													1														1	1	2	
TOTAL									7	2	11	5	8	1	12	2	11	3	19	5	16	4	14	2	10	4	4		7	1	5	3	9	1	9	4	142	37	179				

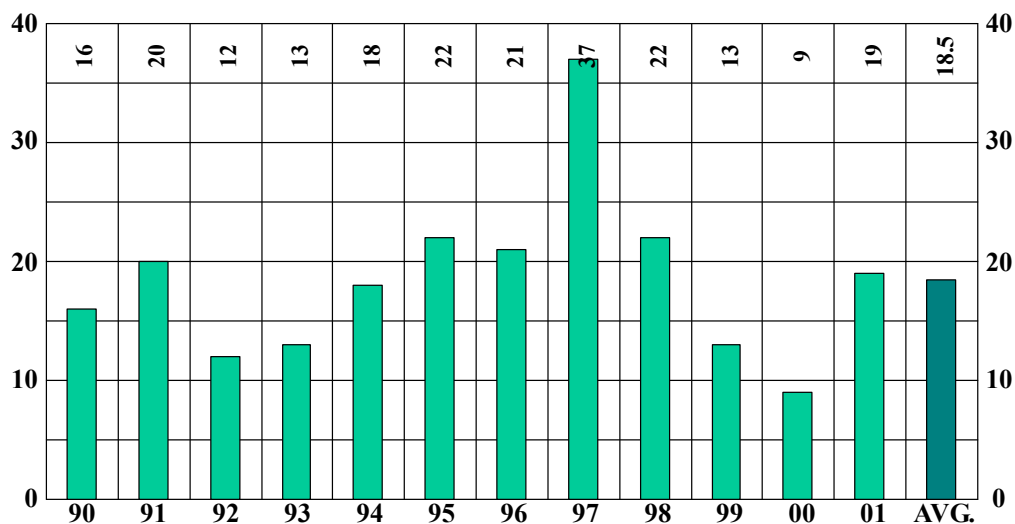
SUICIDES

MODE	CLEVELAND						COUNTY						OUT OF COUNTY						TOTAL		GRAND TOTAL																
	MARRIED		SINGLE		WIDOWED		DIVORCED		UNKNOWN		TOTAL		MARRIED		SINGLE		WIDOWED					DIVORCED		UNKNOWN		TOTAL											
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F								
ASPHYXIA	3		7	1	2	1	2					14	2	15	1	3	4	3	3	1					22	8		1					1		37	10	47
CARBON MONOXIDE							2					2	2	2						2	1					6	3							8	3	11	
ELECTROCUTION																																				0	
JUMPING	1		1	2			1					3	2	1		1	1		1	1						3	2							6	4	10	
POISONING			3	2	1		2	1				6	3	2	3	2					4		1			4	8					1		10	12	22	
SHOOTING	9	1	9	2	4		6	2				28	5	19		15	1	5		6					45	1	2	1					3		76	6	82
STABBING							1					1			1	1				1					2	1		1					1		4	1	5
OTHER														1							1					1	1							1	1	2	
TOTAL	13	1	20	7	7	1	14	3				54	12	39	6	24	7	9	4	11	6			1	83	24	2	3					5	1	142	37	179



VIOLENCE OF UNDETERMINED ORIGIN

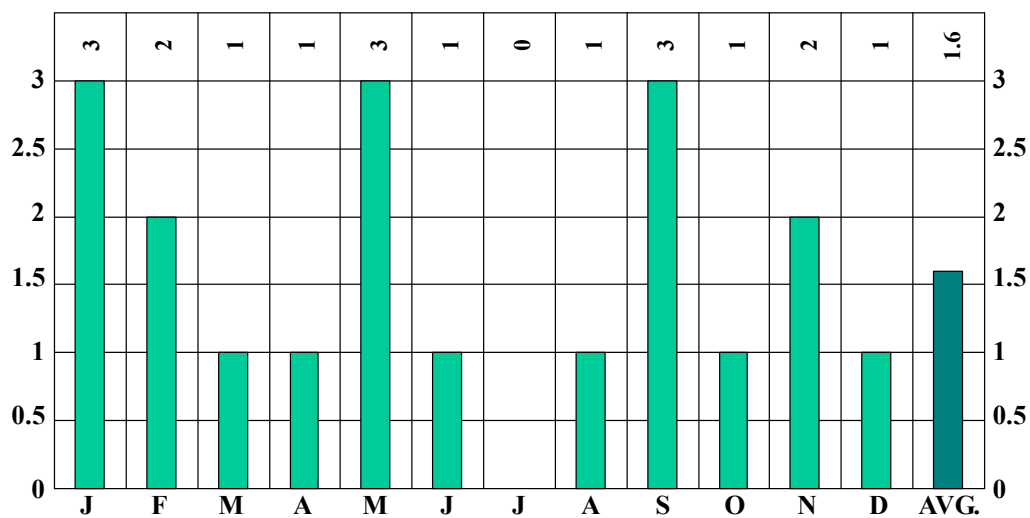
FOR A PERIOD OF TWELVE YEARS



		NUMBER	PERCENT
SEX	MALE	11	58
	FEMALE	8	42
RACE	WHITE	9	47
	NON-WHITE	10	53
ALCOHOL	TESTED	15	79
	POSITIVE	1	7
AUTOPSY	AUTOPSIED	17	89

VIOLENCE OF UNDETERMINED ORIGIN

BY MONTH FOR THE YEAR 2001



2001
TOTAL CASES
19

2001 FATALITIES FROM VIOLENCE OF UNDETERMINED ORIGIN

TABLE 77

MONTHLY ALCOHOL INCIDENCE

MONTH	TOTAL	NOT TESTED												TESTED			STAGES														
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total	Neg.		Pos.		0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
JANUARY	3	1	2			1	2											1	2	1	2										
FEBRUARY	2			2		1		1										2		2											
MARCH	1	1				1				1		1																			
APRIL	1			1				1										1				1									
MAY	3	2	1	1	1	1	1											2	1	2	1										
JUNE	1	1		1				1		1																					
JULY	0																														
AUGUST	1	1		1														1		1											
SEPTEMBER	3	2	1	1	1	1	1											2	1	2	1										
OCTOBER	1	1		1				1		1																					
NOVEMBER	2	1	1	1	1					1		1						1		1											
DECEMBER	1	1				1												1		1											
TOTAL	19	11	8	7	4	4	4			3	1	3	1					8	7	8	6	1		1							

2001 FATALITIES FROM VIOLENCE OF UNDETERMINED ORIGIN

CAUSE OF DEATH - ALCOHOL INCIDENCE

TABLE 78

CAUSE OF DEATH	TOTAL					NOT TESTED				TESTED			STAGES																	
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M
ASPHYXIA*	1	1		1																										
POISONING**	3		3		2		1																							
SHOOTING	1	1				1																								
UNDETERMINED	14	9	5	6	2	3	3			3	1	3	1																	
TOTAL	19	11	8	7	4	4	4			3	1	3	1																	

* Plastic Bag

** Diphenhydramine, Morphine and Oxycodone

UNDETERMINED VIOLENCE

2001 FATALITIES FROM VIOLENCE OF UNDETERMINED ORIGIN

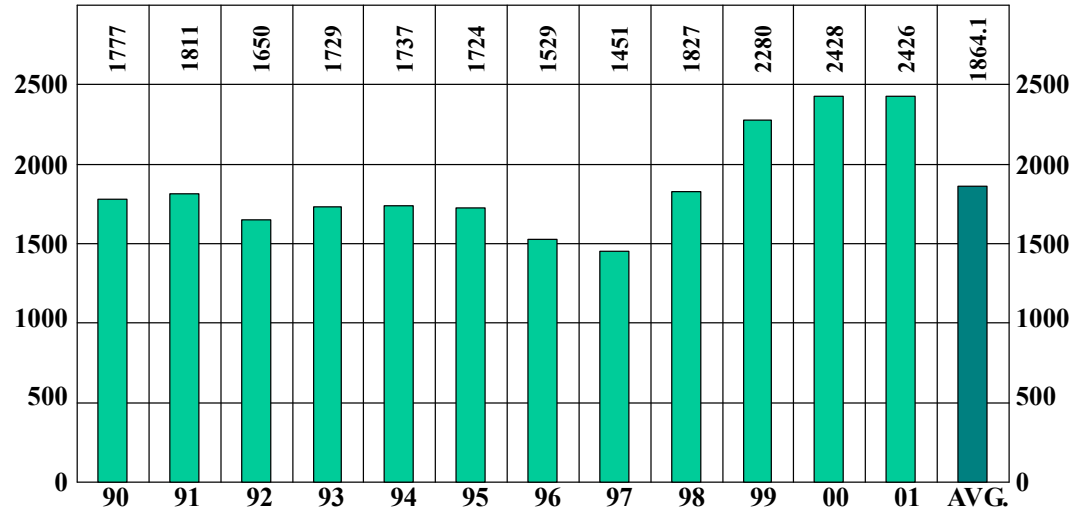
TABLE 79

AGE - RACE - ALCOHOL INCIDENCE

AGE	RACE	TOTAL	NOT TESTED										TESTED			STAGES									
			Total		Surv'd Too Long		Under Age		Other		Total		Neg.	Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over				
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M
Under 1 Year	White																								
	Non-White	1	1										1	1											
1 - 4	White	1	1										1	1											
	Non-White	2		2									2	2											
5 - 9	White																								
	Non-White	1	1		1	1																			
10 - 14	White																								
	Non-White																								
15 - 19	White	1	1		1	1																			
	Non-White																								
20 - 24	White																								
	Non-White																								
25 - 29	White																								
	Non-White																								
30 - 34	White	1		1									1	1											
	Non-White																								
35 - 39	White																								
	Non-White																								
40 - 44	White	3		3		1	1						2	1	1		1								
	Non-White																								
45 - 49	White	1	1										1	1											
	Non-White	1	1										1	1											
50 - 54	White																								
	Non-White	2	2										2	2											
55 - 59	White																								
	Non-White	1	1										1	1											
60 - 64	White																								
	Non-White																								
65 - 69	White																								
	Non-White																								
70 - 74	White																								
	Non-White																								
75 - 79	White	1	1										1	1											
	Non-White	1		1									1	1											
80 - over	White	1		1									1	1											
	Non-White	1	1		1	1																			
TOTAL	White	9	4	5	1	1	1	1					3	4	3	3		1							
	Non-White	10	7	3	2		2						5	3	5	3									
GRAND TOTAL		19	11	8	3	1	3	1					8	7	8	6		1							

NATURAL CAUSES

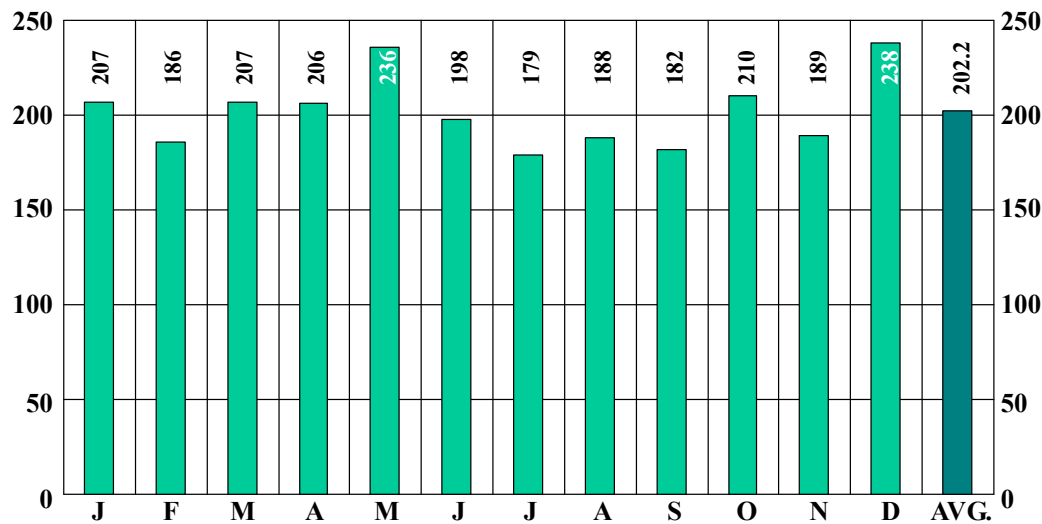
FOR A PERIOD OF TWELVE YEARS



		NUMBER	PERCENT
SEX	MALE	1377	57
	FEMALE	1049	43
RACE	WHITE	1664	69
	NON-WHITE	762	31
ALCOHOL	TESTED	2035	84
	POSITIVE	128	6
AUTOPSY	AUTOPSIED	680	28

NATURAL CAUSES

BY MONTH FOR THE YEAR 2001



2001
TOTAL CASES
2,426

TABLE 80

MONTHLY ALCOHOL INCIDENCE

MONTH	TOTAL	NOT TESTED									TESTED						STAGES																	
		Total		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over										
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
JANUARY	207	127	80	16	17	7	9			9	8	111	63	99	59	12	4	8	1	2	1	2							1					1
FEBRUARY	186	107	79	19	12	9	7			10	5	88	67	80	66	8	1		1	5		1		1					1					
MARCH	207	122	85	13	16	8	11			5	5	109	69	102	65	7	4	3	2	2			1	1							1	1		
APRIL	206	110	96	13	20	4	11	1		8	9	97	76	87	70	10	6	2	2	1		2	1	2	1	1		1		1		1	2	
MAY	236	134	102	15	24	8	11			7	13	119	78	110	73	9	5	1	1	4	1	3	1			1	1						1	
JUNE	198	114	84	13	10	4	4			9	6	101	74	95	70	6	4	2	1		2			2		1					1	1		
JULY	179	106	73	22	18	10	13			12	5	84	55	79	54	5	1	2	1	1						1		1						
AUGUST	188	107	81	19	14	7	4			12	10	88	67	82	65	6	2	4			1					1	1					1		
SEPTEMBER	182	89	93	7	18	4	10			3	8	82	75	76	73	6	2	1	1	3		1									1	1		
OCTOBER	210	117	93	12	18	8	11			4	7	105	75	99	72	6	3	1	1	3	2			1				1						
NOVEMBER	189	108	81	19	15	11	5			8	10	89	66	82	62	7	4	1	2	1	1	2						1		2	1			
DECEMBER	238	136	102	19	22	10	6			9	16	117	80	111	76	6	4		1	5	1		1				1					1		
TOTAL	2426	1377	1049	187	204	90	102	1		96	102	1190	845	1102	805	88	40	25	14	27	9	11	4	7	1	5	4	6	1	7	7			

2001 DEATHS FROM NATURAL CAUSES

INTERNATIONAL CODE OF CAUSES OF DEATH LISTED BY MONTH

TABLE 81

CLASSIFICATION OF DISEASES BY CODE*	JAN.		FEB.		MARCH		APRIL		MAY		JUNE		JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Infective and Parasitic Diseases			1				1						1		1				1		3		1		4	5	9
Neoplasms	6	3	2	1	3	4	5	7	5	5	5	5	4	1	1	4	6	4	4	8	6	4	7	2	54	48	102
Allergic, Endocrine System, Metabolic and Nutritional Diseases	1	1	2	2		4			3	1	1	1			1	1		1	2		1		1		11	12	23
Diseases of the Blood and Blood-forming Organs						1						1			1		1								1	3	4
Mental, Psychoneurotic and Personality Disorders**	1	1		1	1		3	2	2	1		1		1	2	1		1			1		1		11	9	20
Diseases of the Nervous System and Sense Organs	1	1	2	2		3		1		1		1			1				2						6	9	15
Diseases of the Circulatory System	103	72	93	67	109	66	92	78	113	87	99	73	94	66	88	73	77	80	100	79	92	69	117	91	1177	901	2078
Diseases of the Respiratory System	7		3	4	3	3	1	2	3	1	2	2		2	7		1	4	3	1	2		2	1	34	20	54
Diseases of the Digestive System	3	2	1	2	2	2	6	2	4	4	3	1	3	2	6		3	1	4	1	5	4	5	2	45	23	68
Diseases of the Genito-urinary System	1				2	1		2	1	1			2			1			2		1		2		6	10	16
Deliveries and Complications of Pregnancy, Childbirth and the Puerperium	1																						1		1	1	2
Diseases of the Skin and Cellular Tissue																											0
Diseases of the Bones and Organs of Movement					1																	1		1	1	1	2
Congenital Malformations	2						2		1		1		1				1	1					1		9	1	10
Certain Diseases of Early Infancy																			1						1		1
Symptoms, Senility and Ill-defined Conditions***	1		3		1	1	1	1	2	1	3			1			1		1	1	1		2	1	16	6	22
TOTAL	127	80	107	79	122	85	110	96	134	102	114	84	106	73	107	81	89	93	117	93	108	81	136	102	1377	1049	2426

*International Classification of Diseases by World Health Organization. Ninth Revision.

**In Mental, Psychoneurotic and Personality Disorders 19 were due to Alcoholism. (Alcoholism with associated physical disease totaled 15).

***Sudden Infant Death Syndrome totaled 5.

NATURAL CAUSES

2001 AUTOPSIES - DEATHS FROM NATURAL CAUSES

TABLE 82
INTERNATIONAL CODE OF CAUSES OF DEATH LISTED BY MONTH

CLASSIFICATION OF DISEASES BY CODE*	JAN.		FEB.		MARCH		APRIL		MAY		JUNE		JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Infective and Parasitic Diseases			1					1							1						3	1		3	4	7	
Neoplasms	3		1		2	2	1	1			3	1			1	1	1		1	3	1	1	2		16	9	25
Allergic, Endocrine System, Metabolic and Nutritional Diseases	1		1			4			2		1				1	1			1		1				8	5	13
Diseases of the Blood and Blood-forming Organs						1						1			1		1								1	3	4
Mental, Psychoneurotic and Personality Disorders**	1	1		1	1		3	2	2	1		1		1	2		1			1		1		11	8	19	
Diseases of the Nervous System and Sense Organs		1	2	2					1		1				1				1						4	5	9
Diseases of the Circulatory System	30	15	21	19	34	19	27	13	30	19	32	13	24	14	19	24	22	14	25	13	19	15	29	18	312	196	508
Diseases of the Respiratory System	1			3	3	2		1	2			1	1	2	2			3	3		2	1	2		16	13	29
Diseases of the Digestive System		1		1	2	1	3	2	2	1		1	1		2		2		1	1	4	3	1	2	18	13	31
Diseases of the Genito-urinary System						1		1	1												1		1		2	3	5
Deliveries and Complications of Pregnancy, Childbirth and the Puerperium			1																				1		1	1	2
Diseases of the Skin and Cellular Tissue																											
Diseases of the Bones and Organs of Movement																							1		1		1
Congenital Malformations	2						1				1						1	1					1		6	1	7
Certain Diseases of Early Infancy																			1						1		1
Symptoms, Senility and Ill-defined Conditions***	1		3		1	1	1	1	1		3				1	1			1		1		2	1	15	4	19
TOTAL	39	18	30	26	44	30	36	22	40	22	40	18	27	17	29	28	27	20	34	17	29	24	39	24	414	266	680

*International Classification of Diseases by World Health Organization. Ninth Revision.

**In Mental, Psychoneurotic and Personality Disorders 19 were due to Alcoholism. (Alcoholism with associated physical disease totaled 12)

***Sudden Infant Death Syndrome totaled 5.

2001 DEATHS FROM NATURAL CAUSES

MONTHS AND AGE GROUPS

TABLE 83

NATURAL CAUSES

AGE	JAN.		FEB.		MARCH		APRIL		MAY		JUNE		JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Under 1 Year	2						1	1			1						1	2			1	2	7	4	11		
1 - 4	1	1		1			1												1				2	3	5		
5 - 9									1											2				3	3		
10 - 14				1		1			1							1							2	2	4		
15 - 19	1		2			1			1		1			2			1			1			7	3	10		
20 - 24					1	1	1				2		1	1		1	1		2	1			1	8	5	13	
25 - 29	1		1		2		1	1			1	1			1	1	1	1	1		1		1	2	10	6	16
30 - 34	2	2	3	1		1		2	4		1	2		1		1		1	2	1			3		15	12	27
35 - 39	2		2	3	5		2	2	3		3	1	3		6	1	4	3		4	4	3	1	1	35	18	53
40 - 44	4	2	8	3	5	6	4	1	9		3	1	1	2	3	5	4	1	5	1	3	3	9	5	58	30	88
45 - 49	8	4	6	3	9	1	7	11	10	4	10	2	9	4	8	4	6	8	12	1	7	5	7	3	99	50	149
50 - 54	13	3	9	4	10	7	9	5	15	3	4	5	12	3	10	4	7	3	9	10	11	8	13	3	122	58	180
55 - 59	11	3	6	3	6	6	11	8	10	6	8	6	13	4	12	5	8	4	5	8	9	4	15	4	114	61	175
60 - 64	15	3	8	8	13	4	10	7	9	7	15	3	10	3	13	4	7	10	10	7	9	6	13	3	132	65	197
65 - 69	12	10	9	6	14	5	5	7	13	9	12	6	11	7	12	8	6	8	19	6	12	4	16	8	141	84	225
70 - 74	13	6	13	7	14	11	17	9	20	18	13	7	10	6	17	6	12	5	16	16	12	10	18	14	175	115	290
75 - 79	21	10	13	9	15	9	18	11	17	12	16	13	7	11	7	14	10	11	15	15	18	13	12	13	169	141	310
80 - over	21	36	27	30	28	32	23	31	22	42	26	36	28	31	17	27	22	36	19	22	21	23	27	43	281	389	670
TOTAL	127	80	107	79	122	85	110	96	134	102	114	84	106	73	107	81	89	93	117	93	108	81	136	102	1377	1049	2426

2001 AUTOPSIES - DEATHS FROM NATURAL CAUSES

TABLE 84

MONTHS AND AGE GROUPS

AGE	JAN.		FEB.		MARCH		APRIL		MAY		JUNE		JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Under 1 Year	1		1				1	1			1						1	2			1	1	7	3	10		
1 - 4	1	1		1														1					1	3	4		
5 - 9									1										2					3	3		
10 - 14				1					1														1	1	2		
15 - 19	1					1			1		1						1			1			3	3	6		
20 - 24							1				2		1	1		1	1		2		1		1	7	4	11	
25 - 29	1		1		1		1	1			1	1			1	1	1	1		1		1	2	9	6	15	
30 - 34	2	1	2	1		1		1	4		1	2		1		1		1	1			3		13	9	22	
35 - 39	2		2	3	4		1	1	1		3		2		6	1	4	1		4	4	3	1	1	30	14	44
40 - 44	3	2	5	3	5	5	3	1	8		2	1	1	1	2	5	2	1	4	1	1	1	6	5	42	26	68
45 - 49	4	3	6	3	7		8	6	5	3	7	1	5	3	4	1	5	5	7		3	4	5	2	66	31	97
50 - 54	8	1	5	2	5	5	3	3	5	1	4	1	3	2		4	3		3	3	4	3	2	1	45	26	71
55 - 59	3	2	1	2	4	5	3	2	1	2	3	1	5	2	1	2	3	1		1	3	1	4	2	31	23	54
60 - 64		1		4	7		3	1	3	1	5	2	3	1	4	2	2	1	1	1	4		3		35	14	49
65 - 69	4	1		2	3	2	3		4	1	1		2		4	2	1	2	3		4		2	1	31	11	42
70 - 74	3	1	2	1	4	2	3		1	4	1		3	1	6	4	2	1	4	2	1	3	3	2	33	21	54
75 - 79	4	1	2			2	5		3	1	6	4		2		2		1	2	4	1	2	2	3	25	22	47
80 - over	2	4	3	3	4	7	1	5	3	8	4	4	1	3	2	2	3	3	4		2	4	6	3	35	46	81
TOTAL	39	18	30	26	44	30	36	22	40	22	40	18	27	17	29	28	27	20	34	17	29	24	39	24	414	266	680

2001 DEATHS FROM NATURAL CAUSES

INTERNATIONAL CODE OF CAUSES OF DEATH LISTED BY AGE GROUPS

TABLE 85

NATURAL CAUSES

CLASSIFICATION OF DISEASES BY CODE*	Under 1 Year		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80 and Over		TOTAL		GRAND TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Infective and Parasitic Diseases						2									1				1		1	2														4	5	9		
Neoplasms			1			1									1	2			2	1	3	1	5	6	3	3	2	1	8	3	5	4	15	11	10	14	54	48	102	
Allergic, Endocrine System, Metabolic and Nutritional Diseases								1		1			1	1	1		2		2		1	1		2			1	1	1				3	1	3	11	12	23		
Diseases of the Blood and Blood-forming Organs										1	1				1										1												1	2	4	
Mental, Psychoneurotic and Personality Disorders**														1	1	1	1	3	1		2	3	1	1		1	1					1				11	9	20		
Diseases of the Nervous System and Sense Organs					1		2			1			1	4								1				1								2	1	6	9	15		
Circulatory System Diseases of the Respiratory System		1		1				4	2	2	2	6	2	9	4	16	10	44	22	72	39	105	45	99	52	121	56	124	77	165	104	149	121	261	363	1177	901	2078		
Diseases of the Digestive System	1							2	1		1			1	1	2	2	1	1	5	4	4	1	4		1	2	4	1	4	3	3	2	2	1	34	20	54		
Diseases of the Genito-urinary System															2	1				1	1	1	1		1		2		1		1	1	1	1	1	1	6	10	16	
Deliveries and Complications of Pregnancy, Childbirth and the Puerperium	1	1																																			1	1	2	
Diseases of the Skin and Cellular Tissue																																								0
Diseases of the Bones and Organs of Movement										1																								1			1	1	2	
Congenital Malformations		1	2							2				1	1					2		1															9	1	10	
Certain Diseases of Early Infancy	1																																				1		1	
Symptoms, Senility and Ill-defined Conditions***	4	1					1			1		2	1		4		2	1	2						2												16	6	22	
TOTAL	7	4	2	3		3	2	2	7	3	8	5	10	6	15	12	35	18	58	30	99	50	122	58	114	61	132	65	141	84	175	115	169	141	281	389	1377	1049	2426	

*International Classification of Diseases by World Health Organization. Ninth Revision.

**In Mental, Psychoneurotic and Personality Disorders 19 were due to Alcoholism. (Alcoholism with associated physical disease totaled 15.)

***Sudden Infant Death Syndrome totaled 5.

2001 AUTOPSIES - DEATHS FROM NATURAL CAUSES

TABLE 86
INTERNATIONAL CODE OF CAUSES OF DEATH LISTED BY AGE GROUPS

CLASSIFICATION OF DISEASES BY CODE*	Under 1 Year		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80 and Over		TOTAL		GRAND TOTAL			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Infective and Parasitic Diseases						2									1				1			2																3	4	7		
Neoplasms			1																1	1	1		1	3	2	2	1		3					4	2	3		16	9	25		
Allergic, Endocrine System, Metabolic and Nutritional Diseases										1			1	1	1		2		2					1					1							1	2	8	5	13		
Diseases of the Blood and Blood-forming Organs											1	1				1										1													1	3	4	
Mental, Psychoneurotic and Personality Disorders**														1	1	1	1	3	1		2	3	1	1		1	1	1	1										11	8	19	
Diseases of the Nervous System and Sense Organs						1		1								3										1										2		4	5	9		
Diseases of the Circulatory System				1					1	2	2	2	5	2	9	3	15	9	31	18	54	24	41	20	23	17	27	13	26	10	31	18	20	18	27	39	312	196	508			
Diseases of the Respiratory System	1								2	1		1			1	2	2	1	1	4	3		1	1		1	1		1	1			1	2	1	16	13	29				
Diseases of the Digestive System				1										1		3	2	4	3	2		1	1	3		4		1			2					3	18	13	31			
Diseases of the Genito-urinary System																1					1										1					1	2	3	5			
Deliveries and Complications of Pregnancy, Childbirth and the Puerperium	1	1																																					1	1	2	
Diseases of the Skin and Cellular Tissue																																									0	
Diseases of the Bones and Organs of Movement																																				1				1	1	
Congenital Malformations		1	1							2					1					1		1																	6	1	7	
Certain Diseases of Early Infancy	1																																							1		1
Symptoms, Senility and Ill-defined Conditions***	4	1								1		2	1			4		2	1	1					1															15	4	19
TOTAL	7	3	1	3		3	1	1	3	3	7	4	9	6	13	9	30	14	42	26	66	31	45	26	31	23	35	14	31	11	33	21	25	22	35	46	414	266	680			

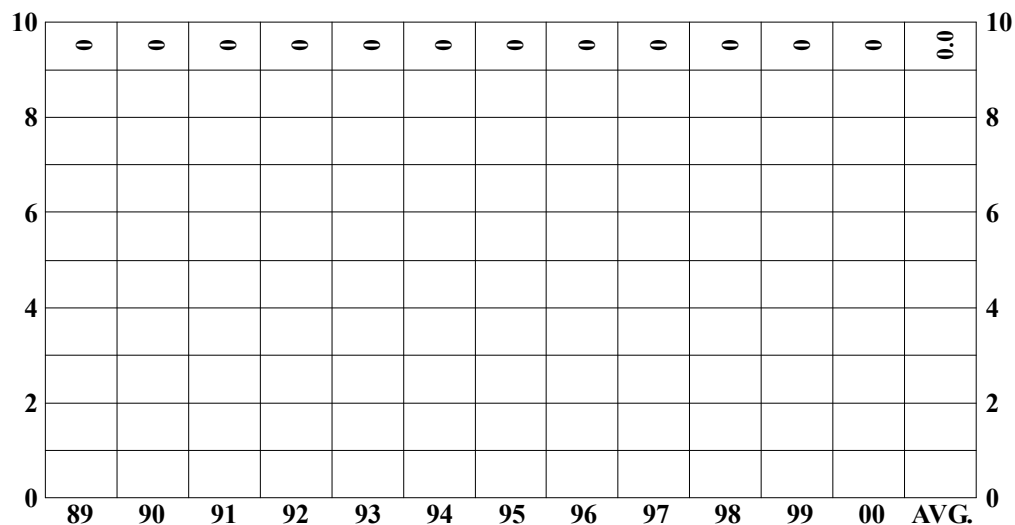
*International Classification of Diseases by World Health Organization. Ninth Revision.

**In Mental, Psychoneurotic and Personality Disorders 19 were due to Alcoholism. (Alcoholism with associated physical disease totaled 12)

***Sudden Infant Death Syndrome totaled 5.

ABORTION FATALITIES

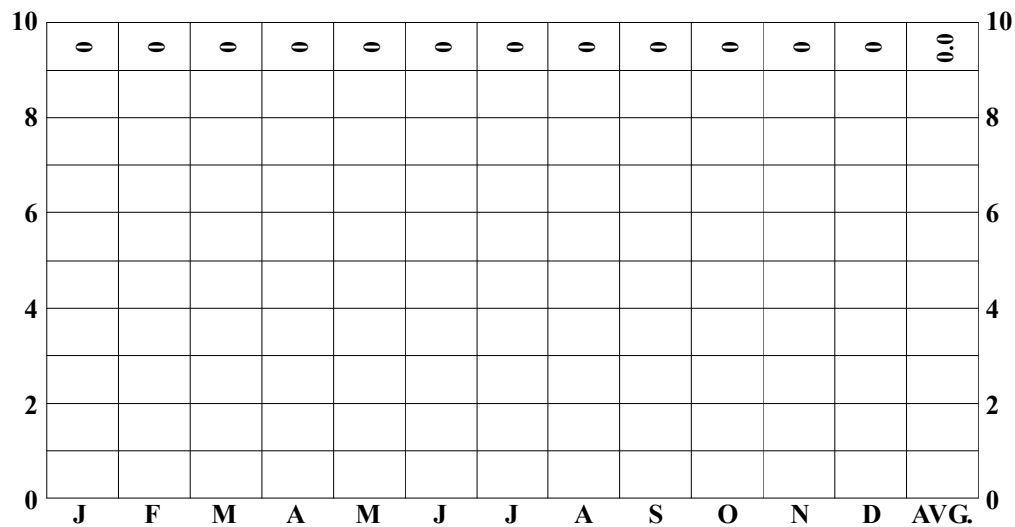
FOR A PERIOD OF TWELVE YEARS



		NUMBER	PERCENT
SEX	MALE	0	0
	FEMALE	0	0
RACE	WHITE	0	0
	NON-WHITE	0	0
ALCOHOL	TESTED	0	0
	POSITIVE	0	0
AUTOPSY	AUTOPSIED	0	0

ABORTION FATALITIES

BY MONTH FOR THE YEAR 2001



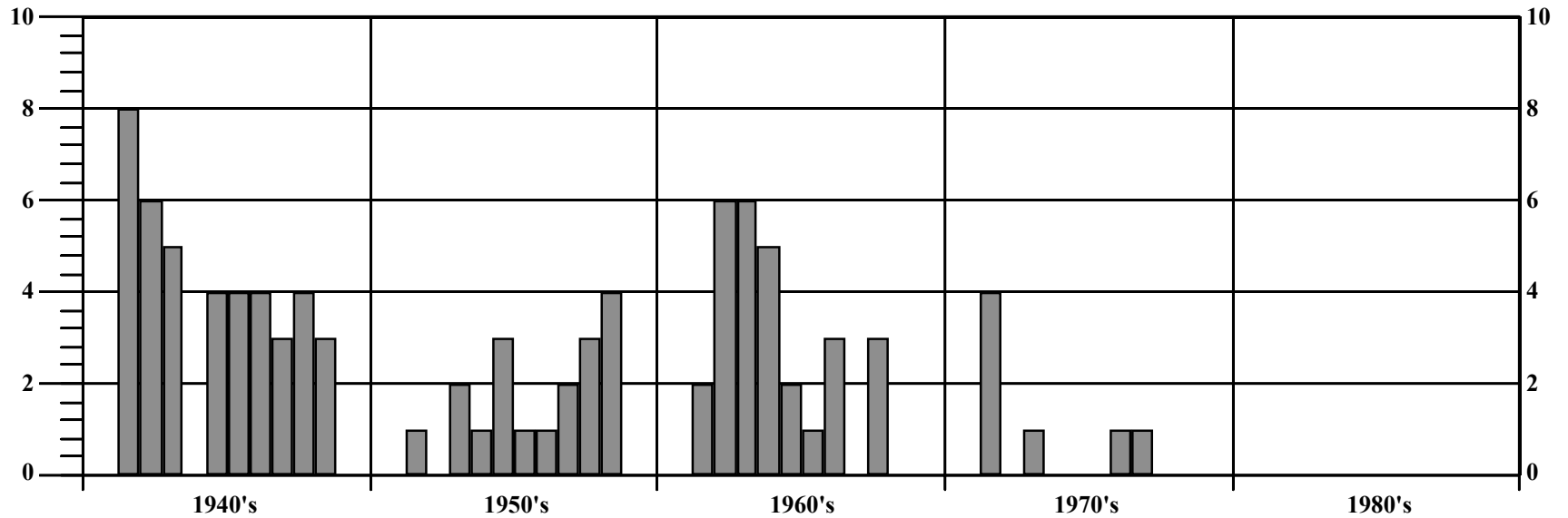
2001
TOTAL CASES
0

TABLE 87

NO FATALITIES RECORDED IN THIS CATEGORY IN 2001

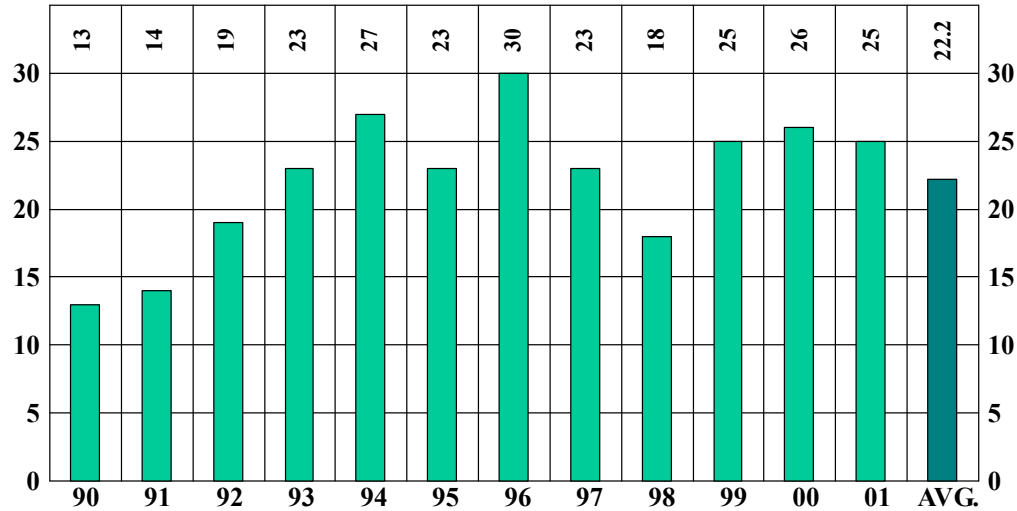
ABORTION FATALITIES

ABORTION FATALITIES FOR A PERIOD OF FIFTY YEARS (1940 - 1989)



NEONATAL AND INTRA-UTERINE DEATHS

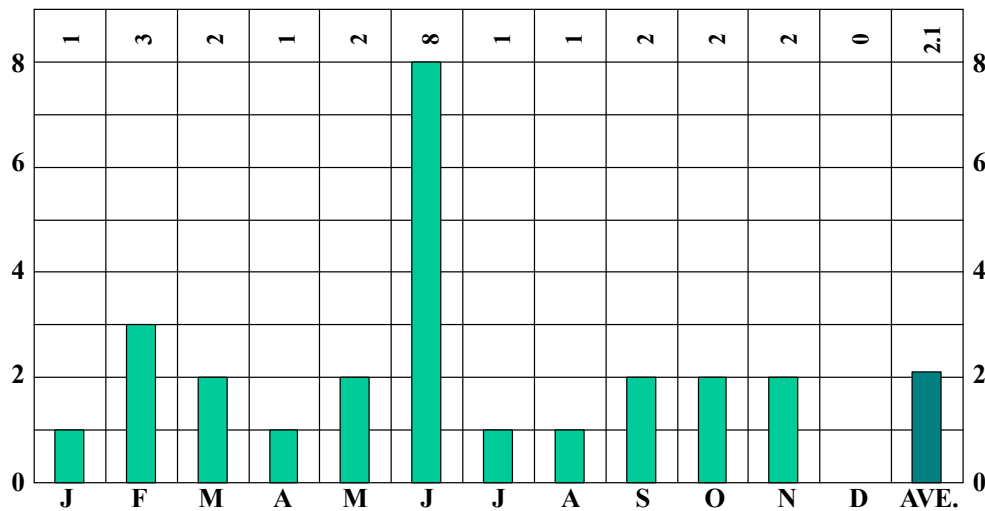
FOR A PERIOD OF TWELVE YEARS



		NUMBER	PERCENT
SEX	MALE	16	64
	FEMALE	9	36
RACE	WHITE	6	24
	NON-WHITE	19	76
ALCOHOL	TESTED	17	68
	POSITIVE	0	0
AUTOPSY	AUTOPSIED	21	84

NEONATAL AND INTRA-UTERINE DEATHS

BY MONTH FOR THE YEAR 2001



2001
TOTAL CASES
25

TABLE 88

NEONATAL AND INTRA-UTERINE DEATHS* BY MONTH AND AGE GROUPS

MONTH	GROUP I				GROUP II				GROUP III				GROUP IV				TOTAL	
	LIVE BIRTH		FOETAL DEATH		LIVE BIRTH		FOETAL DEATH		LIVE BIRTH		FOETAL DEATH		LIVE BIRTH		FOETAL DEATH		M	F
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
JANUARY												1						1
FEBRUARY							1			1		1					1	2
MARCH							1					1					1	1
APRIL			1														1	
MAY					1	1						1					1	2
JUNE	3		1	1	1		2										7	1
JULY																		
AUGUST												1					1	
SEPTEMBER							1	1									1	1
OCTOBER							1					1					1	1
NOVEMBER			1				1										2	
DECEMBER																		
TOTAL	3		3	1	2	1	7	1		1	1	5					16	9

*International Classification of Diseases by World Health Organization. Ninth Revision.

This category includes stillbirths (Foetal deaths) and deaths due to Natural Causes in early Neonatal period (live births).

GROUP I - Less than 20 completed weeks of gestation.

GROUP III - 28 completed weeks of gestation and over.

GROUP II - 20 completed weeks of gestation but less than 28.

GROUP IV - Gestation period not classifiable in GROUP I, II, and III.

AUTOPSIES - 2001 NEONATAL AND INTRA-UTERINE DEATHS

NEONATAL AND INTRA-UTERINE DEATHS* BY MONTH AND AGE GROUPS

TABLE 89

NEONATAL

MONTH	GROUP I				GROUP II				GROUP III				GROUP IV				TOTAL	
	LIVE BIRTH		FOETAL DEATH		LIVE BIRTH		FOETAL DEATH		LIVE BIRTH		FOETAL DEATH		LIVE BIRTH		FOETAL DEATH		M	F
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
JANUARY																		
FEBRUARY							1					1					1	1
MARCH												1						1
APRIL			1														1	
MAY					1							1					1	1
JUNE	2		1	1	1	1	2										6	2
JULY	1																1	
AUGUST											1						1	
SEPTEMBER																		
OCTOBER							1	1				1					1	2
NOVEMBER			1				1										2	
DECEMBER																		
TOTAL	3		3	1	2	1	5	1			1	4					14	7

*International Classification of Diseases by World Health Organization. Ninth Revision.

This category includes stillbirths (Foetal deaths) and deaths due to Natural Causes in early Neonatal period (live births).

GROUP I - Less than 20 completed weeks of gestation.

GROUP III - 28 completed weeks of gestation and over.

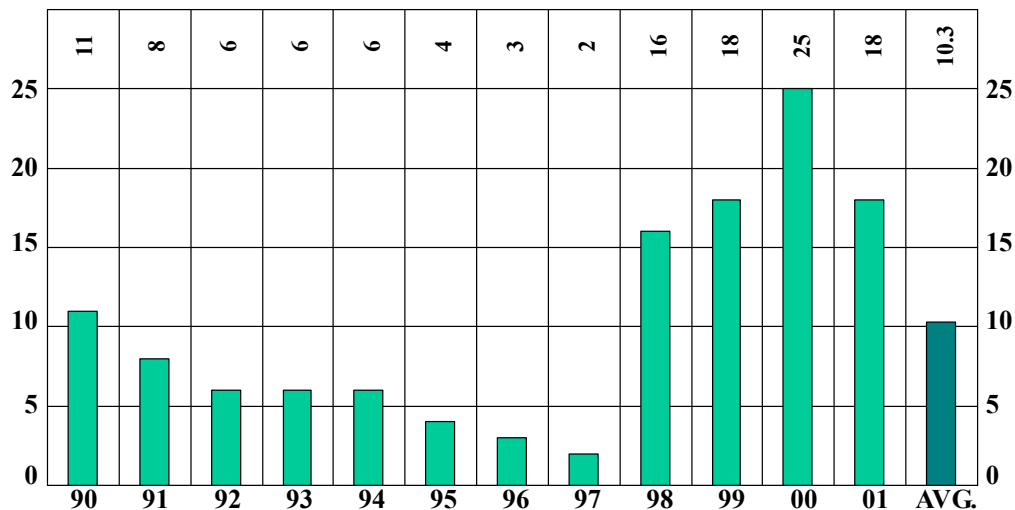
GROUP II - 20 completed weeks of gestation but less than 28.

GROUP IV - Gestation period not classifiable in GROUP I, II, and III.



UNDETERMINED CAUSES

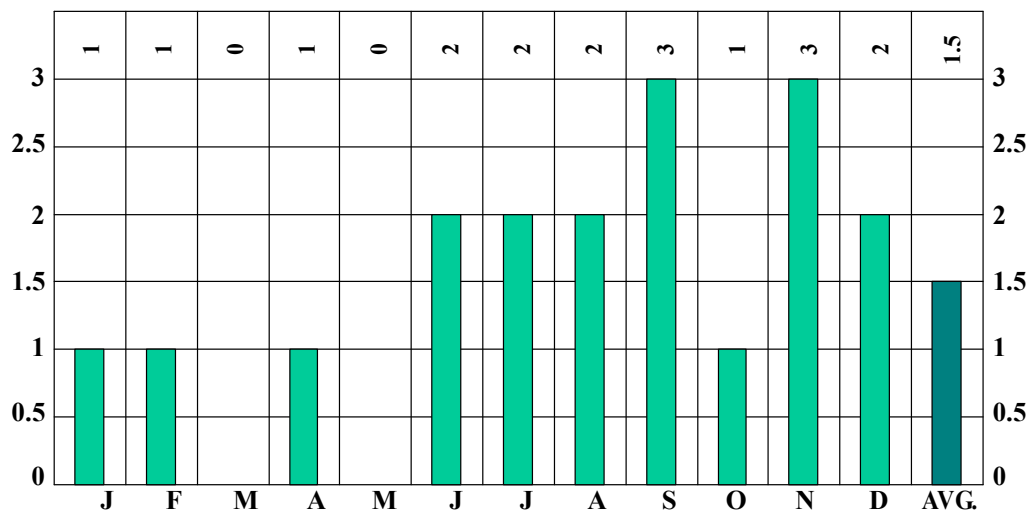
FOR A PERIOD OF TWELVE YEARS



		NUMBER	PERCENT
SEX	MALE	10	56
	FEMALE	8	44
RACE	WHITE	7	39
	NON-WHITE	11	61
ALCOHOL	TESTED	18	100
	POSITIVE	3	17
AUTOPSY	AUTOPSIED	18	100

UNDETERMINED CAUSES

BY MONTH FOR THE YEAR 2001



2001
TOTAL CASES
18

TABLE 90

DEATHS FROM UNDETERMINED CAUSES

COLOR	SEX	AGE	MARITAL STATUS	DATE OF DEATH	OCCUPATION	WHERE DEATH OCCURRED	CASE NUMBER
White	Female	24	Married	01/14/01	Unemployed	Middleburg Heights	240210
Black	Female	Under 1	Single	02/18/01	An Infant	Bedford	240563
Black	Male	Under 1	Single	04/06/01	An Infant	Cleveland	241070
Black	Male	Under 1	Single	06/12/01	An Infant	Cleveland	241824
White	Male	37	Divorced	06/21/01	Truck Driver	Lakewood	241929
White	Male	46	Single	07/09/01	Nurse's Aide	Cleveland	242097
White	Female	25	Married	07/15/01	Sales Representative	Cleveland	242162
White	Female	46	Single	08/17/01	In Customer Service	Lakewood	242478
Black	Male	Under 1	Single	08/21/01	An Infant	Warrensville Heights	242523
Black	Female	Under 1	Single	09/03/01	An Infant	Cleveland	242676
Black	Female	Under 1	Single	09/24/01	An Infant	Cleveland	242867
Black	Female	Under 1	Single	09/27/01	An Infant	Garfield Heights	242896
Black	Male	Under 1	Single	10/24/01	An Infant	Cleveland	243185
Black	Male	Under 1	Single	11/05/01	An Infant	Cleveland	243326
Black	Male	55	Single	11/06/01	Disabled	Cleveland	243337
White	Male	Under 1	Single	11/28/01	An Infant	Euclid	243562
Black	Male	Under 1	Single	12/02/01	An Infant	Cleveland	243601
White	Female	49	Single	12/16/01	Insurance Agent	Parma Heights	243739

18 cases were autopsied but no cause of death could be assigned.

Advanced postmortem decomposition in 2 cases.

Toxicology examination and alcohol determination conducted on 18 cases.

Alcohol determination resulted in 3 positive and 15 negative cases.

	CUYAHOGA COUNTY CORONER'S OFFICE CASES			
	NUMBER OF DECEDENTS		NUMBER OF FATAL POISONINGS	
AUTOPSIED	1581*	(40.62%)	226	(97.00%)
NON-AUTOPSIED	2311	(59.38%)	7	(3.00%)
TOTAL	3892	(100.00%)	233	(100.00%)
NO SAMPLES**	906	(23.28%)	6	(0.86%)

*Includes 76 hospital autopsies.
 **No specimens submitted for toxicological analysis.

SAMPLES RECEIVED FROM OUTSIDE REFERRING AGENCIES			
SOURCE	CASES	NUMBER SAMPLES	% CASES
CUYAHOGA COUNTY COURT OF COMMON PLEAS, DEPT. OF PROBATION CASES	654	669	(50.35%)
CASES FROM OTHER CORONER'S JURISDICTIONS AND FORENSIC AGENCIES	210	588	(16.17%)
DECEDENTS RECEIVED FROM OTHER CORONER'S JURISDICTIONS	152	1040	(11.70%)
PROFICIENCY SURVEYS	24	100	(1.84%)
LAW ENFORCEMENT AGENCY CASES	259	319	(19.94%)
TOTAL	1299	2104	(100.00%)

TABLE 91A

INCIDENCE AND FREQUENCY OF POSITIVE FINDINGS*

SUBSTANCES	CUYAHOGA COUNTY CORONER'S LABORATORY CASES					
	POSITIVE CASES			FATAL POISONINGS		
	NUMBER POSITIVE	TOTAL CASES TESTED	% TOTAL CASES TESTED	NUMBER POSITIVE	TOTAL POISONING FATALITIES TESTED	% TOTAL POISONING FATALITIES TESTED
ACETAMINOPHEN						
Acetaminophen	20	1645	1.22	11	229	4.80
ACID NEUTRALS						
Phenytoin	65	1670	3.89	5	229	2.18
Phenobarbital	16	1670	0.96	2	229	0.87
Carbamazepine	13	1670	0.78	4	229	1.75
Meprobamate	11	1670	0.66	7	229	3.06
Ibuprofen	10	1670	0.60	1	229	0.44
Naproxen	8	1670	0.48	2	229	0.87
Butalbital	3	1670	0.18	2	229	0.87
Pentobarbital	3	1670	0.18	1	229	0.44
Carisoprodol	3	1670	0.18	2	229	0.87
Secobarbital	1	1670	0.06	1	229	0.44
BASES						
Lidocaine	237	1702	13.92	17	229	7.42
Diphenhydramine	70	1702	4.11	15	229	6.55
Propoxyphene	51	1699	3.00	15	229	6.55
Diltiazem	39	1702	2.29	3	229	1.31
Desmethyl Sertraline	37	1702	2.17	3	229	1.31
Sertraline	35	1702	2.06	3	229	1.31
Nortriptyline	31	1702	1.82	8	229	3.49
Citalopram	31	1702	1.82	3	229	1.31
Meperidine	31	1702	1.82	2	229	0.87
Dextromethorphan	23	1702	1.35	5	229	2.18
Amitriptyline	23	1702	1.35	8	229	3.49
Fluoxetine	22	1702	1.29	10	229	4.37
Tramadol	21	1702	1.23	6	229	2.62
Venlafaxine	21	1702	1.23	6	229	2.62
Olanzapine	20	1702	1.18	8	229	3.49
Doxylamine	20	1702	1.18	3	229	1.31
Mirtazapine	19	1702	1.12	4	229	1.75
Trazodone	18	1702	1.06	5	229	2.18
Paroxetine	17	1702	1.00	8	229	3.49
Phencyclidine	15	1700	0.88	3	229	1.31
Caffeine	14	1702	0.82	4	229	1.75
Laudanosine	14	1702	0.82	0	229	0.00
Bupropion	14	1702	0.82	4	229	1.75
Papaverine	13	1702	0.76	1	229	0.44
Desmethyl Venlafaxine	13	1702	0.76	4	229	1.75
Doxepin	13	1702	0.76	8	229	3.49
Chlorpheniramine	11	1702	0.65	4	229	1.75
Nordoxepin	11	1702	0.65	7	229	3.06
Verapamil	11	1702	0.65	4	229	1.75
Hydroxyzine	9	1702	0.53	3	229	1.31
Normeperidine	9	1702	0.53	2	229	0.87

TOXICOLOGY

2001 TOXICOLOGY LABORATORY REPORT

INCIDENCE AND FREQUENCY OF POSITIVE FINDINGS*

TABLE 91A (continued)

SUBSTANCES	CUYAHOGA COUNTY CORONER'S LABORATORY CASES					
	POSITIVE CASES			FATAL POISONINGS		
	NUMBER POSITIVE	TOTAL CASES TESTED	% TOTAL CASES TESTED	NUMBER POSITIVE	TOTAL POISONING FATALITIES TESTED	% TOTAL POISONING FATALITIES TESTED
Fluoxetine/Norfluox.	7	1702	0.41	2	229	0.87
Promethazine	7	1702	0.41	3	229	1.31
Methadone	7	1699	0.41	4	229	1.75
Metoprolol	6	1702	0.35	0	229	0.00
Chlorpromazine	5	1702	0.29	1	229	0.44
Quetiapine	5	1702	0.29	3	229	1.31
Cyclobenzaprine	5	1702	0.29	4	229	1.75
Ketamine	4	1702	0.24	0	229	0.00
Clozapine	4	1702	0.24	1	229	0.44
Fentanyl	4	1702	0.24	1	229	0.44
Brompheniramine	3	1702	0.18	1	229	0.44
Loxapine	3	1702	0.18	1	229	0.44
Zolpidem	3	1702	0.18	3	229	1.31
Quinine	3	1702	0.18	0	229	0.00
Desmethyl Clozapine	3	1702	0.18	1	229	0.44
Amantadine	3	1702	0.18	0	229	0.00
Benztropine	3	1702	0.18	1	229	0.44
Imipramine	2	1702	0.12	0	229	0.00
Propranolol	2	1702	0.12	0	229	0.00
Amoxapine	2	1702	0.12	1	229	0.44
Phenyltoloxamine	1	1702	0.06	0	229	0.00
Trihexyphenidyl	1	1702	0.06	0	229	0.00
Thioridazine	1	1702	0.06	1	229	0.44
Desipramine	1	1702	0.06	0	229	0.00
Haloperidol	1	1702	0.06	1	229	0.44
Clomipramine	1	1702	0.06	0	229	0.00
Desmethyl Clomipramin	1	1702	0.06	0	229	0.00
Nevirapine	1	1702	0.06	0	229	0.00
Trimipramine	1	1702	0.06	1	229	0.44
Desmethyl Trimipramin	1	1702	0.06	1	229	0.44
Tripolidine	1	1702	0.06	1	229	0.44
BENZODIAZEPINES						
Nordiazepam	53	1703	3.11	27	229	11.79
Diazepam	42	1703	2.47	22	229	9.61
Lorazepam	13	1703	0.76	2	229	0.87
Temazepam	10	1703	0.59	9	229	3.93
Midazolam	8	1703	0.47	0	229	0.00
Oxazepam	5	1703	0.29	2	229	0.87
Alprazolam	3	1703	0.18	2	229	0.87
DMchlordiazepoxide	1	1703	0.06	0	229	0.00
Desalkylflurazepam	1	1703	0.06	0	229	0.00
Alpha-OH Alprazolam	1	1703	0.06	1	229	0.44
CANNABINOIDS						
TOTAL delta-9-THC-COO	61	888	6.87	19	178	10.67
delta-9-THC-COOH	47	888	5.29	9	178	5.06

TOXICOLOGY

TABLE 91A (continued)

INCIDENCE AND FREQUENCY OF POSITIVE FINDINGS*

SUBSTANCES	CUYAHOGA COUNTY CORONER'S LABORATORY CASES					
	POSITIVE CASES			FATAL POISONINGS		
	NUMBER POSITIVE	TOTAL CASES TESTED	% TOTAL CASES TESTED	NUMBER POSITIVE	TOTAL POISONING FATALITIES TESTED	% TOTAL POISONING FATALITIES TESTED
Delta-9-THC	14	888	1.58	2	178	1.12
11-0H-delta-9-THC	9	888	1.01	3	178	1.69
CARBON MONOXIDE						
Carbon Monoxide %	50	114	43.86	38	46	82.61
CLINICAL CHEMISTRY						
pH	1	1	100.00	0	0	0.00
Glucose (mg/dL)	808	1206	67.00	134	197	68.02
Sodium (mmol/L)	767	1206	63.60	132	197	67.01
Chloride (mmol/L)	767	1206	63.60	132	197	67.01
Total CO2 (mmol/L)	767	1206	63.60	132	197	67.01
Creatinine (mg/dL)	762	1206	63.18	130	197	65.99
Potassium (mmol/L)	761	1206	63.10	128	197	64.97
Urea Nitrogen(mg/dL)	717	1206	59.45	121	197	61.42
Urine Ketone Bodies	59	843	7.00	6	172	3.49
COCAINE/ANALYTES						
Benzoylcegonine	130	1702	7.64	79	230	34.35
Cocaine	98	1702	5.76	59	230	25.65
Ecgonine methyl ester	93	1702	5.46	55	230	23.91
Cocaethylene	43	1702	2.53	28	230	12.17
Norcocaine	3	1702	0.18	2	230	0.87
OPIATES						
Morphine	217	1668	13.01	80	229	34.93
Codeine	82	1668	4.92	55	229	24.02
6-Acetylmorphine	61	1668	3.66	56	229	24.45
Hydrocodone	43	1668	2.58	20	229	8.73
Oxycodone	43	1668	2.58	12	229	5.24
Hydromorphone	3	1668	0.18	2	229	0.87
SYMPATHOMIMETIC AMINES						
Pseudo/ephedrine	24	1701	1.41	4	229	1.75
b-Phenethylamine	12	1701	0.71	2	229	0.87
Phenylpropanolamine	9	1701	0.53	3	229	1.31
Amphetamine	2	1701	0.12	1	229	0.44
Phendimetrazine	1	1701	0.06	0	229	0.00
Phenmetrazine	1	1701	0.06	0	229	0.00
Phentermine	1	1701	0.06	0	229	0.00
Methamphetamine	1	1701	0.06	1	229	0.44
Methylphenidate	1	1701	0.06	1	229	0.44
MDMA	1	1701	0.06	1	229	0.44
VOLATILE COMPLEX						
Ethanol (g/dL)	349	3010	11.59	82	230	35.65
Acetone (mg/dL)	48	3010	1.59	4	230	1.74
Formaldehyde	1	3010	0.03	0	230	0.00

*To compare data from year to year one must use the Toxicology Laboratory Report legends, since the analytical approach (i.e. the components of the groups) changes slightly from year to year.

2001 TOXICOLOGY LABORATORY REPORT

INCIDENCE OF ANALYTES IN POSITIVE CASES 1996 - 2001¹

TABLE 91B

CUYAHOGA COUNTY CORONER'S LABORATORY CASES											
1996		1997				1998					
ALL CASES (%)	FATAL POISONINGS (%)	ALL CASES (%)	FATAL POISONINGS (%)	ALL CASES (%)	FATAL POISONINGS (%)	ALL CASES (%)	FATAL POISONINGS (%)	ALL CASES (%)	FATAL POISONINGS (%)		
<i>Carbon Monoxide</i> ²	22.90	<i>Carbon Monoxide</i> ²	85.71	<i>Carbon Monoxide</i> ²	30.00	<i>Carbon Monoxide</i> ²	58.54	Caffeine	38.10	<i>Carbon Monoxide</i> ²	80.65
Ethanol	17.42	Morphine	34.75	Ethanol	19.40	Morphine	46.53	<i>Carbon Monoxide</i> ²	30.21	Caffeine	60.00
Lidocaine ³	16.38	Ethanol	34.03	Lidocaine ³	14.08	Ethanol	45.83	Lidocaine ³	15.37	Ethanol	35.33
Caffeine	11.32	Cocaine/ Cocaine Metabolite	30.71	Morphine	11.34	6-Acetylmorphine	29.86	Ethanol	13.31	Morphine	33.78
Cocaine/ Cocaine Metabolite	10.57	6-Monoacetyl Morphine	17.02	Caffeine	10.77	Cocaine	23.61	Cannabinoids	11.73	Cocaine	29.45
Morphine	8.41	Lidocaine ³	14.08	Cannabinoids	9.86	Theophylline	18.18	Cocaine	6.16	Lidocaine ³	17.12
Cannabinoids	7.74	Propoxyphene/ Norpropoxyphene	13.38	Theophylline	6.15	Codeine	15.28	<i>Theophylline</i> ²	4.76	6-Acetylmorphine	15.54
Phenytoin	5.14	Benzodiazepines	12.68	Cocaine	5.56	Cannabinoids	12.62	Phenytoin	4.62	Codeine	14.19
Propoxyphene/ Norpropoxyphene	3.42	Caffeine	11.11	Phenytoin	4.75	Desmethyl Diazepam	10.49	Codeine	3.29	Cannabinoids	11.09
Diphenhydramic	3.13	Codeine	10.64	6-Acetylmorphine	3.10	Lidocaine ³	10.42	Propoxyphene	2.91	Desmethyl Diazepam	9.46

¹A "Positive Case" is one wherein a chemical substance was detected from Table 91A. Percentages are based on the total number of cases tested in each category. ²Evaluation for this group or agent (*in italics*) only carried out by special request. ³Therapy.

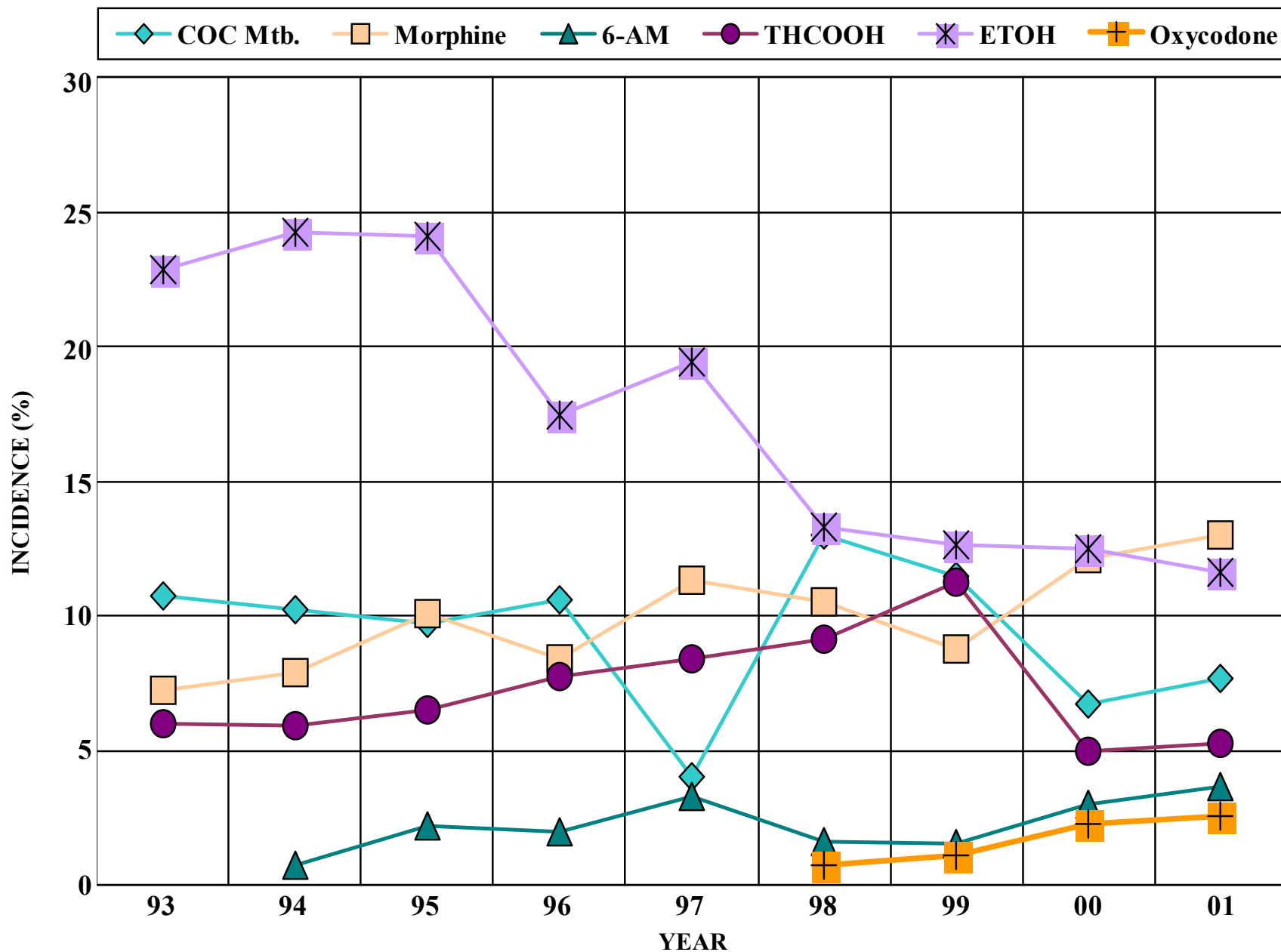
TABLE 91B

INCIDENCE OF ANALYTES IN POSITIVE CASES 1996 - 2001¹

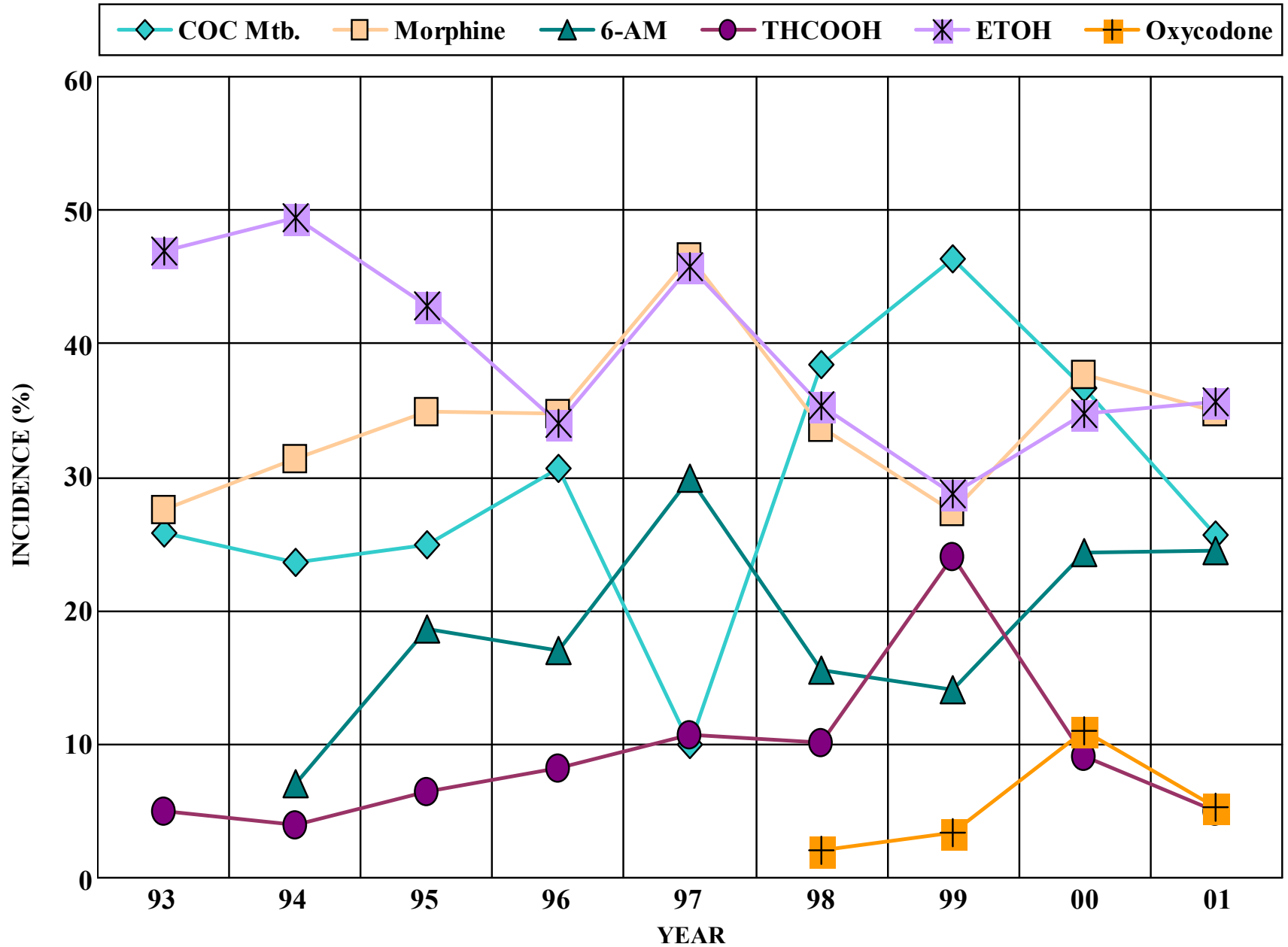
CUYAHOGA COUNTY CORONER'S LABORATORY CASES											
1999		2000				2001					
ALL CASES (%)	FATAL POISONINGS (%)	ALL CASES (%)	FATAL POISONINGS (%)	ALL CASES (%)	FATAL POISONINGS (%)	ALL CASES (%)	FATAL POISONINGS (%)	ALL CASES (%)	FATAL POISONINGS (%)		
<i>Carbon Monoxide</i> ²	37.65	<i>Carbon Monoxide</i> ²	90.32	<i>Carbon Monoxide</i> ²	36.78	<i>Carbon Monoxide</i> ²	74.19	<i>Carbon Monoxide</i> ²	43.86	<i>Carbon Monoxide</i> ²	82.61
Caffeine	22.86	Cocaine MB (BE)	46.30	Lidocaine ³	14.34	Morphine	37.57	Lidocaine ³	13.92	Ethanol	35.65
Lidocaine ³	14.92	Cocaine	35.03	Ethanol	12.45	Cocaine MB (BE)	36.61	Morphine	13.01	Morphine	34.93
Ethanol	12.63	Ethanol	28.75	Morphine	12.09	Ethanol	34.78	Ethanol	11.59	Cocaine MB (BE)	34.35
Cannabinoids	12.14	Morphine	27.39	Cannabinoids	7.18	6Acetylmorphone	24.31	Cocaine MB (BE)	7.64	Cocaine	25.65
Cocaine MB (BE)	11.49	Cannabinoids	25.00	Cocaine MB (BE)	6.72	Codeine	19.34	Cannabinoids	6.87	6Acetylmorphone	24.45
Morphine	8.76	Caffeine	20.00	Codeine	4.76	Cocaethylene	14.75	Cocaine	5.76	Codeine	24.02
Cocaine	5.60	Lidocaine ³	15.29	Diphenhydramine	4.50	Nordiazepam	14.21	Codeine	4.92	Cocaethylene	12.17
		Cocaethylene	15.29								
Diphenhydramine	4.97	6Acetylmorphone	14.01	Phenytoin	3.86	Diphenhydramine	13.11	Diphenhydramine	4.11	Nordiazepam	11.79
Phenytoin	4.94	Codeine	12.10	Nordiazepam	3.10	Cannabinoids	11.19	Phenytoin	3.89	Cannabinoids	10.67

¹A "Positive Case" is one wherein a chemical substance was detected from Table 91A. Percentages are based on the total number of cases tested in each category. ²Testing for this group or agent (*in italics*) only performed by request. ³Therapy.

INCIDENCE OF POSITIVE FINDINGS FROM ALL CUYAHOGA COUNTY CORONER'S CASES



INCIDENCE OF POSITIVE FINDINGS FROM POISONING FATALITIES



TOXICOLOGY

2001 TOXICOLOGY LABORATORY REPORT

TESTING FREQUENCY BY DRUG GROUP

TABLE 92

DRUG GROUP	CUYAHOGA COUNTY CORONER'S LABORATORY SPECIMENS TESTED	OUTSIDE REFERRING AGENCIES' SPECIMENS TESTED	TOTALS
No Tests Performed	5757	752	6509
Volatiles	5337	1074	6411
Ethanol Confirmation	364	326	690
Acetone Confirmation	31	8	39
Isopropanol Confirm.	1	7	8
Methanol Confirm.	2	2	4
Formaldehyde Confirm.	2	2	4
Acid Neutral	1686	490	2176
Carbon Monoxide	123	38	161
CO Confirmation	47	14	61
Glycols	3	0	3
Glycol Confirmation	0	0	0
Cyanide Screen	8	0	8
Cyanide Confirmation	2	0	2
Benzodiazepines	936	261	1197
EMIT: Amine Class	872	307	1179
EMIT: Benzodiazepines	874	296	1170
EMIT: Cannabinoids	873	309	1182
EMIT: Cocaine Meth.	877	303	1180
EMIT: Opiates	875	297	1172
EMIT: Phencyclidine	872	300	1172
Opiates Immunoassay	1078	200	1278
Bases	2187	707	2894
Acetaminophen Screen	1667	365	2032
Salicylate Screen	1666	363	2029
Salicylate Confirm.	0	1	1
Ethchlorvynol Screen	1666	357	2023
Heavy Metal Screen	5	1	6
Xanthines	25	20	45
Chem 7	786	76	862
Glucose/Ketone bodies	859	243	1102
Clinical Chemistry	2	7	9
Opiate Hydrolysis GC/MS	18	140	158
Cocaine/Mtbs.GC/MS**	193	350	543
Cannabinoids GC/MS**	174	354	528
Opiates by GC/MS**	454	408	862
Acid Neutral Confirm.	143	37	180
Basic Drugs by GC/MS	817	240	1057
Benzo. Confirmation	131	48	179
Amine Confirm. GC/MS	134	336	470
Volatiles by GC/MS	0	0	0
Sent to Reference Lab	2	6	8
No Request Made (cases)	778	4	782
No Sample Provided (cases)	116	1	117

TOXICOLOGY

- 1) ACETAMINOPHEN:** Acetaminophen
- 2) ACID/NEUTRALS:** Amobarbital, Butobarbital, Butalbital, Caffeine, Carbamazepine, Carisoprodol, Chlorpropamide, Desmethyl Mephenytoin, Glutethimide, Guaifenesin, Ibuprofen, Mephenytoin, Mephobarbital, Meprobamate, Methaqualone, Methypylon, Naproxen, Pentobarbital, Pentoxifylline, Phenobarbital, Phenytoin, Primidone, Secobarbital, Tolbutamide
- 3) BASES:** Amantadine, Amitriptyline, Amoxapine, Atropine, Benztropine, Brompheniramine, Bupivacaine, Bupropion, Bupropion erythro mb, Bupropion morpho mb, Bupropion threo mb, Buspirone, Caffeine, Carbinoxamine, Chlorpheniramine, Chlorpromazine, Cimetidine, Citalopram, Clomipramine, Clozapine, Cocaethylene, Cocaine, Codeine, Cotinine, Cyclizine, Cyclobenzaprine, Desipramine, Desmethyl Clomipramine, Desmethyl Clozapine, Desmethyl Sertraline, Desmethyl Trimipramine, Desmethyl Venlafaxine, Dextromethorphan, Diphenhydramine, Disopyramide, Diltiazem, Doxepin, Doxylamine, Flecainide, Fluoxetine, Fluoxetine/Norfluoxetine, Fluvoxamine, Haloperidol, Hydroxyzine, Hydroxyzine mb, Imipramine, Ketamine, Laudanosine, Levorphanol, Lidocaine, Lidocaine mb (MEGX), Loxapine, Maprotiline, Meclizine, Meperidine, Mesoridazine, Methadone, Methadone primary mb (EDDP), Methadone secondary mb (EMDP), Methapyriline, Methylphenidate, Metoprolol, Mexiletine, Mirtazapine, Nefazodone, Nevirapine, Nicotine, Nordoxepin, Norfluoxetine, Normeperidine, Norpropoxyphene, Nortriptyline, Norverapamil, Olanzapine, Orphenadrine, Oxycodone, Papaverine, Paroxetine, Pentazocine, Perphenazine, Phencyclidine, Pheniramine, Phentoloxamine, Procaine, Procainamide, Prochloroperazine, Promethazine, Propoxyphene, Propranolol, Protriptyline, Pyrilamine, Quetiapine, Quinidine, Quinine, Ritalinic Acid, Sertraline, Thioridazine, Tramadol, Trazodone, Trihexyphenidyl, Trimipramine, Tripeleminamine, Triprolidine, Venlafaxine, Verapamil, Zolpidem
- 4) BENZODIAZEPINES:** Alpha-OH Alprazolam, Alprazolam, Chlordiazepoxide, 7-amino-Clonazepam, Clonazepam, Demoxepam, Desalkylflurazepam, Desmethylchlordiazepoxide, Diazepam, 7-amino Flunitrazepam, Flunitrazepam, Flurazepam, Hydroxyethyl Flurazepam, Lorazepam, Medazepam, Alpha-OH Midazolam, Midazolam, Nitrazepam, Nordiazepam, Oxazepam, Prazepam, Temazepam, Alpha-OH Triazolam, Triazolam
- 5) CANNABINOIDS:** delta-9-THC, 11-Hydroxy-delta-9-THC, delta-9-THC-9-COOH
- 6) CARBON MONOXIDE*:** *Carbon Monoxide, Methemoglobin, Hemoglobin*
- 7) CHLORAL HYDRATE*:** *Chloral Hydrate, Trichloroethanol*
- 8) CLINICAL CHEMISTRY:** Chloride, Creatinine, Glucose, Potassium, Sodium, Total CO₂
- 9) COCAINE METABOLITE:** Anhydroecgonine methyl ester, Benzoylecgonine, Cocaine, Cocaethylene, Ecgonine ethyl ester*, Ecgonine methyl ester
- 10) CYANIDE*:** *Cyanide*
- 11) ETHCHLORVYNOL:** Ethchlorvynol
- 12) GLUCOSE AND KETONE BODIES:** Glucose, Acetoacetic Acid
- 13) GLYCOLS*:** *Ethylene Glycol, Propylene Glycol*
- 14) HEAVY METALS*:** *Antimony, Arsenic, Bismuth, Mercury*
- 15) OPIATES:** 6-Acetylmorphine, Codeine, *Dihydrocodeine**, *Heroin**, Hydrocodone, Hydromorphone, Morphine, *Norcodeine**, *Normorphine**, Oxycodone
- 16) PHENCYCLIDINE:** Phencyclidine
- 17) PHENOTHIAZINES:** Mesoridazine, Thioridazine
- 18) PHENOTHIAZINE METABOLITES:** Phenothiazine Metabolites
- 19) SALICYLATE:** Salicylate
- 20) SYMPATHOMIMETIC AMINES:** Amantadine, Amphetamine, Fenfluramine, Diethylpropion, Ephedrine, Mephentermine, Methylene dioxamphetamine, Methylene dioxymphetamine, Methamphetamine, Para-methoxyamphetamine, Phendimetrazine, beta-Phenethylamine, Phenmetrazine, Phentermine, Phenylephrine, Phenylpropanolamine, Pseudoephedrine.
- 21) VOLATILES:** Acetaldehyde, Acetone, Acetonitrile, Benzene, Butane, Chloroethane, Chloroform, Dichloromethane, Ethanol, Ethyl Acetate, Formaldehyde, Isopropanol, Methane, Methanol, Paraldehyde, Propane, Toluene

*Testing for this group or agent (*in italics*) only performed by request.

AGENCY	SURVEY TYPE	NUMBER OF SURVEYS	NUMBER OF SAMPLES		
			BLOOD	URINE	OTHERS
Pennsylvania Department of Health	Blood/Serum Drug Analysis	3	30	0	0
Department of Transportation (Federal)	Alcohol	2	8	0	0
Federal Aviation Administration (Federal)	Postmortem Toxicology	4	1	2	1
Wisconsin State Laboratory of Hygiene	Alcohol	5	20	5	0
College of American Pathologists	Urine Toxicology	3	0	15	0
College of American Pathologists	Blood Volatiles	3	15	0	0
College of American Pathologists	Forensic Toxicology	2	6	2	0
Ohio Department of Health	Alcohol	0	0	0	0
TOTAL		23	80	24	1

In 2001 the Cuyahoga County Coroner's Office Toxicology Laboratory participated in 23 proficiency surveys.

TABLE 93

SUBSTANCES INVOLVED IN FATAL POISONINGS

SUBSTANCES	HOME	OTHER	SUICIDE	V.U.O.	TOTAL
<u>Single Chemical Agent</u>					
Acetaminophen			1		1
Alprazolam	1				1
Amitriptyline			1		1
Cocaine	25	13			38
Diphenhydramine				1	1
Doxepin		1	1		2
Drug abuse		2			2
Ethylene glycol		1			1
Fentanyl	1	1			2
Fluoxetine	1				1
Heroin	15	5			20
Hydrocodone	1				1
Meperidine	1				1
Morphine	1			1	2
Olanzapine			1		1
Opiate	2	2			4
Oxycodone	1			1	2
Paroxetine	1				1
Propoxyphene	1				1
Quetiapine	2				2
Thioridazine	1				1
Trazodone			1		1
<u>Combined Effect of Ethanol and:</u>					
Acetaminophen		1			1
Cocaine	6	4			10
Diazepam	1				1
Doxepin	1				1
Heroin	7	2			9
Methylenedioxymethamphetamine		1			1
Phenobarbital			1		1
Propoxyphene			1		1
Cocaine and dextromethorphan	1				1
Cocaine and opiates		1			1
Codeine and heroin	1				1
Diazepam and heroin	1				1
Diazepam and propoxyphene			1		1
Heroin and cocaine	2				2
Heroin and codeine	1	1			2
Heroin and hydrocodone		1			1
Heroin and meprobamate	1				1
Hydrocodone and diphenhydramine	1				1
Meprobamate and opiate	1				1
Opiate and cocaine	1				1
Benzodiazepines, cocaine and heroin	1				1
Cocaine, codeine and heroin	1				1
Cyclobenzaprine, propoxyphene and diphenhydramine	1				1
Heroin, carisoprodol and diazepam		1			1
Nordiazepam, hydrocodone and cocaine	1				1

SUBSTANCES	HOME	OTHER	SUICIDE	V.U.O.	TOTAL
<u>Continued Combined Effect of Ethanol and Other Drugs:</u>					
Tylenol, darvocet and flomax			1		1
Alprazolam, bupropion, paroxetine, propoxyphene and tramadol			1		1
Benzodiazepine, acetaminophen, cocaine, hydrocodone and morphine	1				1
Venlafaxine, trazodone, sertraline, diazepam and cocaine	1				1
Carbamazepine, chlorpheniramine, diphenhydramine, hydroxyzine, sertraline, zolpidem and carbon monoxide			1		1
<u>Effect of Two or More Chemical Agents:</u>					
Citalopram and olanzapine	1	1			2
Clozapine and paroxetine	1				1
Cocaine and marijuana		1			1
Cocaine and methadone		1			1
Cocaine and opiate	2	1			3
Cocaine and phenacyclidine		1			1
Codeine and olanzapine	1				1
Cyclobenzaprine and benzotropine			1		1
Cyclobenzaprine and hydrocodone	1				1
Diazepam, and propoxyphene			1		1
Doxepin and cocaine	1				1
Doxepin and venlafaxine			1		1
Heroin and cocaine	4	5			9
Heroin and hydrocodone	2				2
Heroin and methadone	1				1
Hydrocodone and diazepam	1				1
Meprobamate and oxycodone	1				1
Olanzapine and chlorpromazine	1				1
Oxycodone and cocaine			1		1
Propoxyphene and lorazepam	1				1
Carisoprodol, codeine, and hydrocodone	1				1
Cocaine, codeine, and morphine	1				1
Codeine, diazepam, and propoxyphene	1				1
Fentanyl, tramadol, and diazepam	1				1
Heroin, fluoxetine, and tramadol			1		1
Heroin, methamphetamine and cocaine	1				1
Hydromorphone, oxycodone, and promethazine		1			1
Olanzapine, venlafaxine, and doxepin			1		1
Oxycodone, bupropion, and paroxetine	1				1
Paroxetine, methadone and morphine			1		1
Propoxyphene, trimipramine and fluoxetine	1				1
Alprazolam, diazepam, hydrocodone, and propoxyphene	1				1
Amitriptyline, bupropion, sertraline and tramadol	1				1
Amitriptyline, diazepam, meprobamate, and oxycodone	1				1
Benzodiazepine, opiate, acetaminophen and hydromorphone		1			1
Butalbital, diazepam, hydrocodone and phenobarbital			1		1
Doxepin, olanzapine, paroxetine and trazodone	1				1
Heroin, codeine, mirtazapine, and olanzapine	1				1
Heroin, diazepam, cocaine and hydroxyzine	1				1
Ibuprofen, quetiapine, tricyclic antidepressants and verapamil			1		1
Meprobamate, citalopram, acetaminophen and hydrocodone	1				1
Oxycodone, acetaminophen, chlordiazepoxide, and diazepam			1		1
Prednisone, vasotec, allopurinol and opiates			1		1
Butalbital, diazepam, cocaine, codeine, oxycodone, and temazepam	1				1
GRAND TOTAL	118	49	22	3	192

TABLE 93A

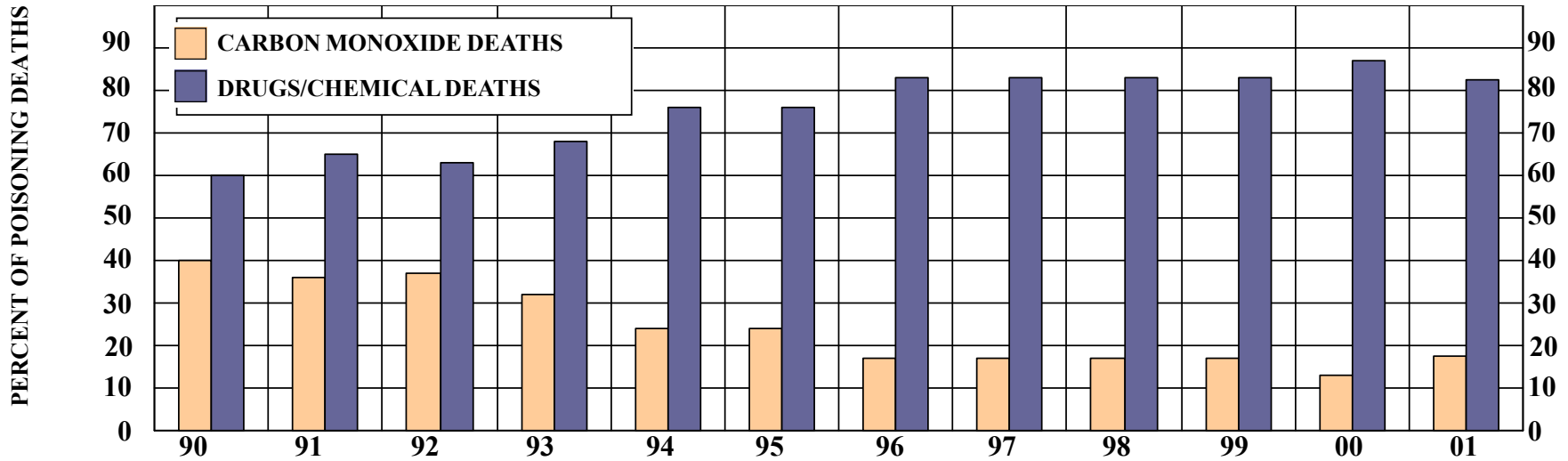
POISONING FATALITIES BY MANNER 1990 - 2001

YEAR	ACCIDENTS						HOMICIDE		SUICIDE		MANNER UNDETERMINED		TOTAL	
	HOME		WORK		OTHER PLACES		CO	OTHERS	CO	OTHERS	CO	OTHERS	CO	OTHERS
1990	25	27				27	2		17	14	2		46	68
1991	26	22			1	30		1	15	20	1	3	43	76
1992	33	62	1			17	1	1	27	23		2	62	105
1993	30	55	1	1	1	30	1		15	16		1	48	103
1994	28	75		1	1	33			13	21	1	3	43	133
1995	25	95	2			46	3		20	18		2	50	161
1996	6	67			1	45	1		17	8		1	25	121
1997	8	78			1	33	2		13	12	1	1	25	124
1998	9	61			2	42			13	21		1	24	125
1999	14	68				51	2		12	15		1	28	135
2000	13	94				59	2		10	12		2	25	167
2001	29	118			1	49			11	22		3	41	192
TOTAL	246	822	4	2	8	462	14	2	183	202	5	20	460	1510
GRAND TOTAL	1068		6		470		16		385		25		1970	

CO = Carbon Monoxide
 OTHERS = Other Poisoning Substances

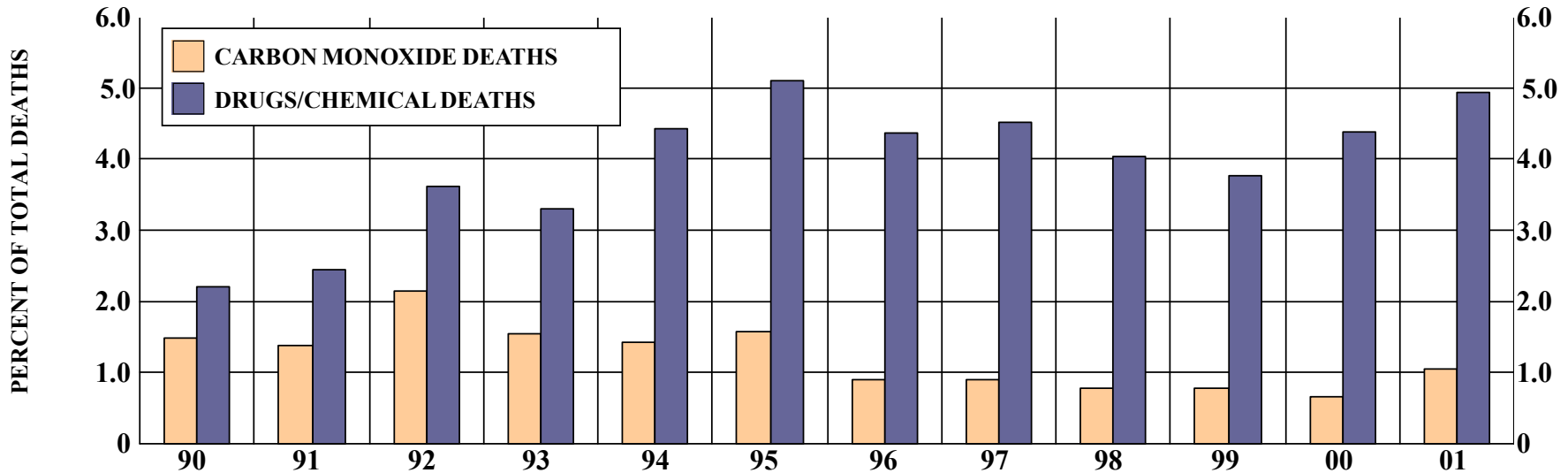
2001 TOXICOLOGY LABORATORY REPORT

TRENDS IN FATAL POISONINGS

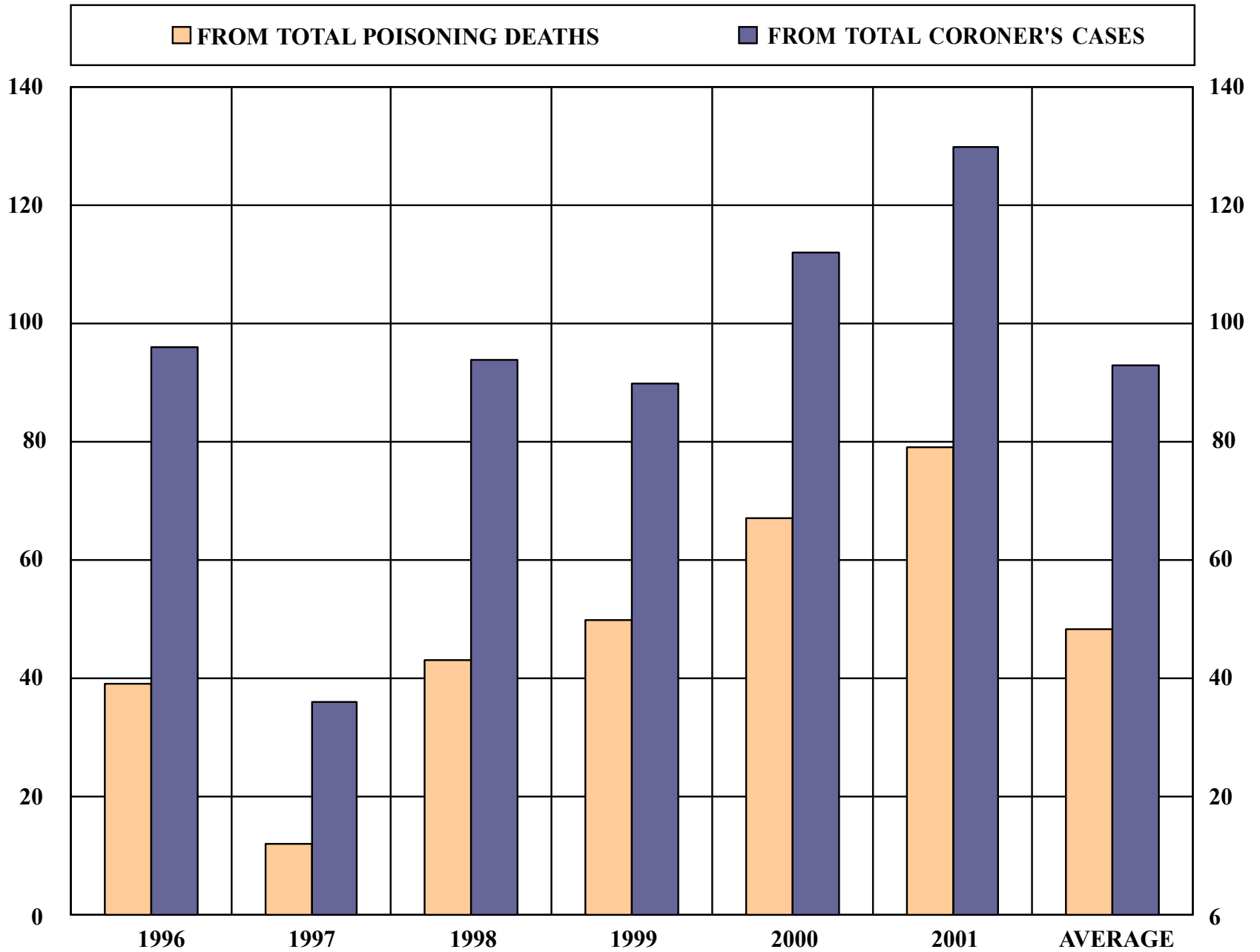


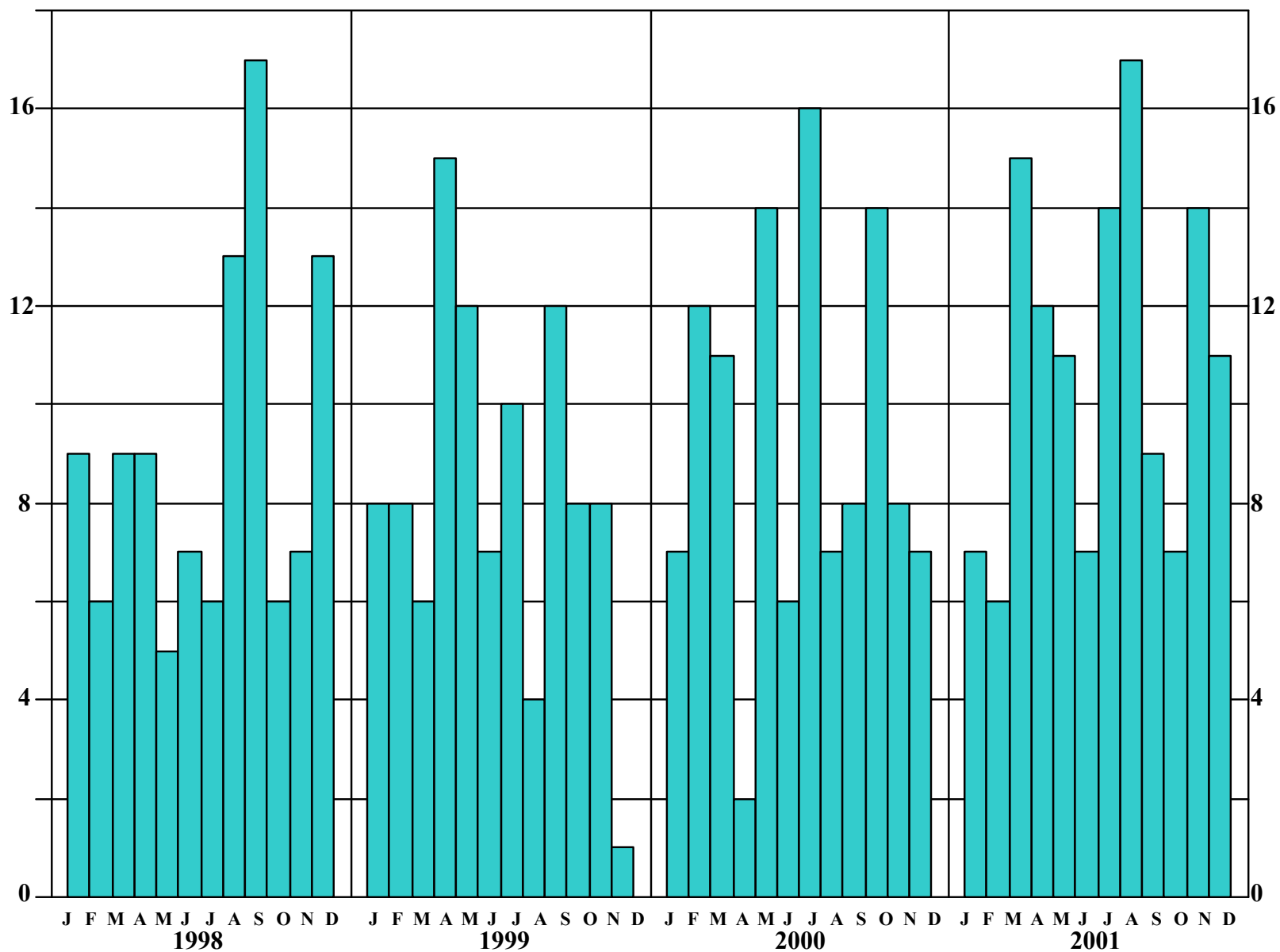
2001 TOXICOLOGY LABORATORY REPORT

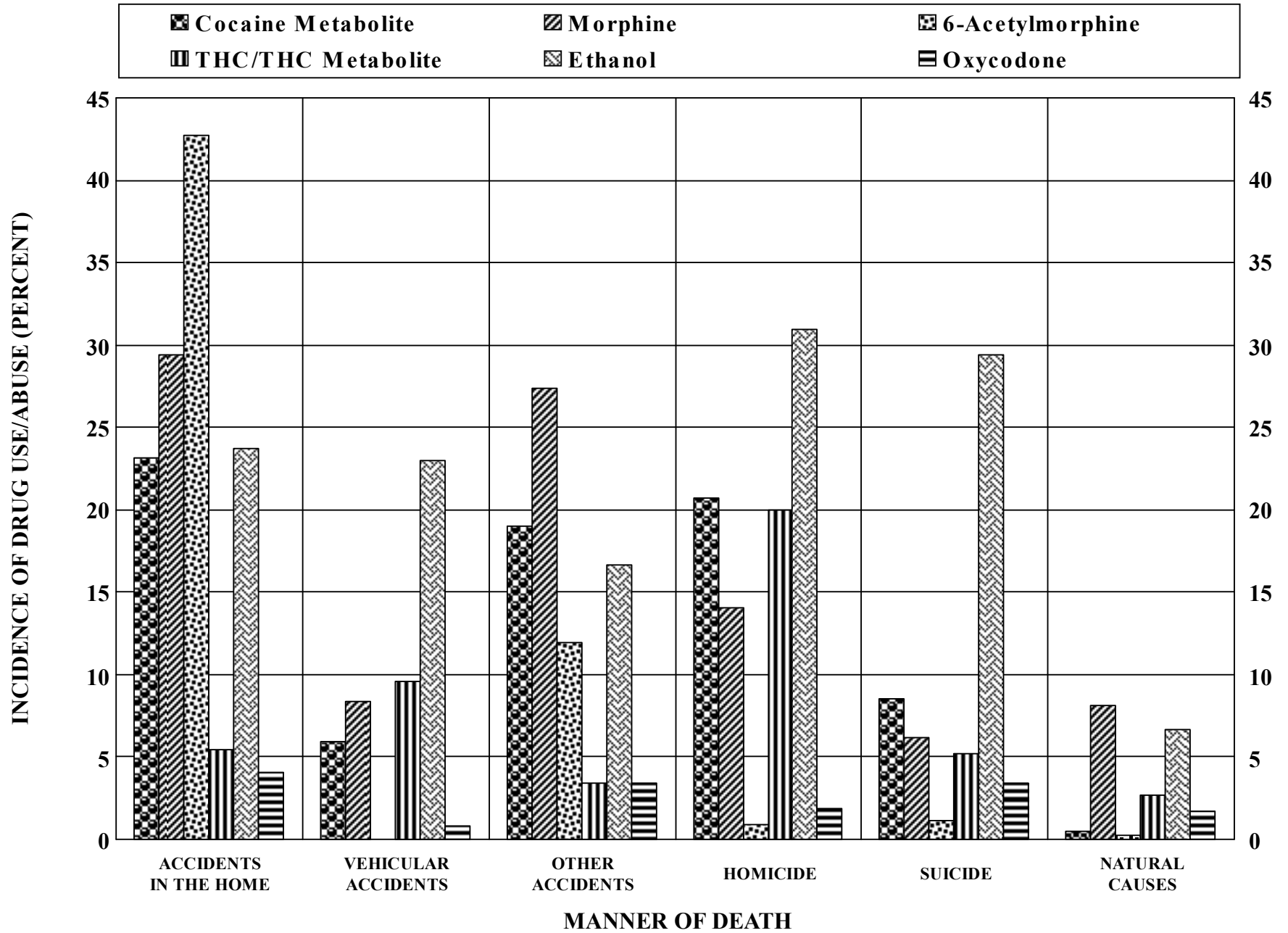
TRENDS IN FATAL POISONINGS



TREND IN COCAINE METABOLITE (BENZOYLECGONINE) INCIDENCE 1996 - 2001

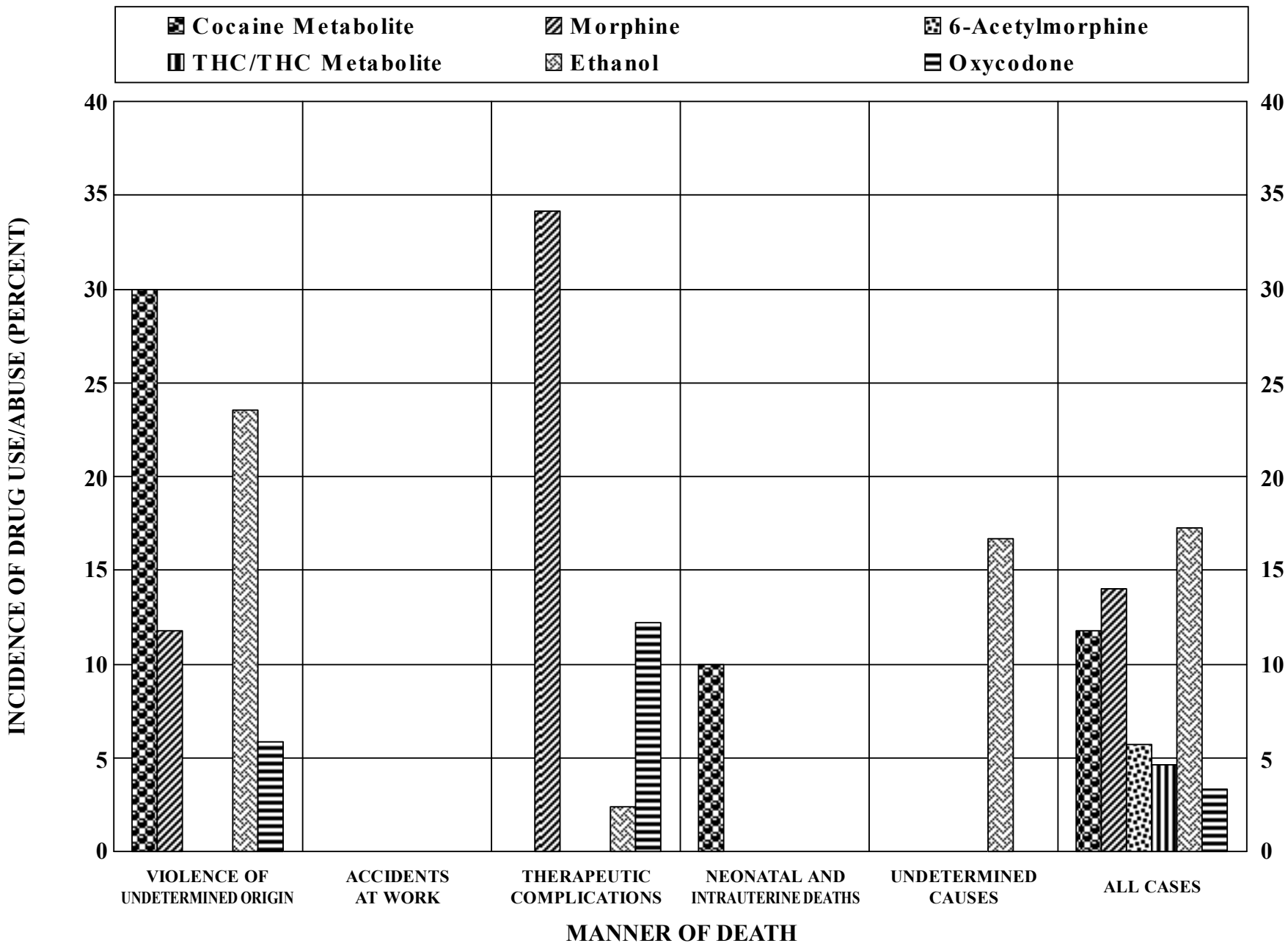


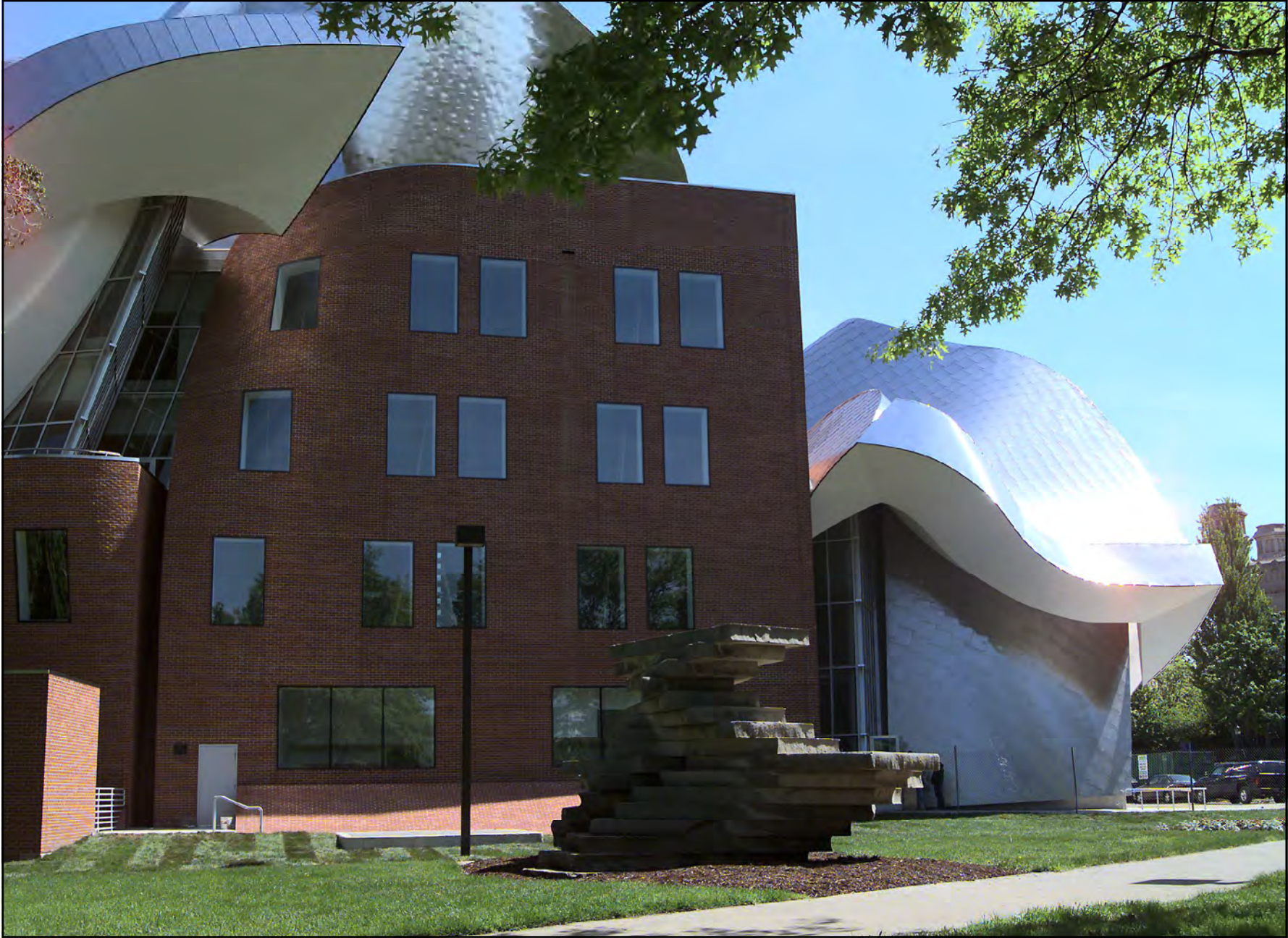




TOXICOLOGY LABORATORY REPORT

2001 DRUG USE/ABUSE BY MANNER OF DEATH





2001 TRACE EVIDENCE LABORATORY REPORT

SUMMARY

CASES	NUMBER OF CASES	PERCENT OF TOTAL CASES	SPECIMENS*	AVERAGE SPECIMENS PER CASE	TESTS	AVERAGE TESTS PER CASE
CORONER'S	714	18.3	15,382	21.5	22,731	31.8
OUT OF COUNTY	97	63.8	2,329	48.5	4,086	42.1
NONFATAL	48	-	1,683	35.1	2,933	61.1
MISSING PERSONS	3	-	161	53.7	427	142.3
TOTAL	862	21.3**	19,555	22.7	30,177	35.0

*Includes specimens from bodies and evidence.

**Does not include nonfatal cases.

2001 TRACE EVIDENCE LABORATORY REPORT

SUMMARY OF COURT APPEARANCES

In 2001, Trace Evidence personnel made 31 court appearances in 31 cases (27 Cuyahoga County Coroner's cases, and 4 nonfatal cases).

Time away from office for court appearances: 141 hours and 15 minutes.
Actual time testifying at court: 26 hours and 26 minutes.

TABLE 94

NUMBER OF SPECIMENS RECEIVED

CASES	TOTAL NUMBER OF CASES	SPECIMENS RECEIVED FOR SEROLOGICAL TESTING	OTHER SPECIMENS RECEIVED FOR ANALYSIS AND IDENTIFICATION	TOTAL
-------	-----------------------------	--	--	-------

SPECIMENS FROM BODIES

CORONER'S CASES	714	4,479	5,586	10,065
OUT OF COUNTY	97	799	650	1,449
NONFATAL	48	1,002	542	1,544
MISSING PERSONS	3	125	36	161
TOTAL	862	6,405	6,814	13,219

EVIDENCE FROM CASES LISTED ABOVE

TOTAL	232	3,925	2,411	6,336
-------	-----	-------	-------	-------

TOTAL SPECIMENS AND EVIDENCE FROM CASES LISTED ABOVE

GRAND TOTAL	1,094	10,330	9,225	19,555
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2001 TRACE EVIDENCE LABORATORY REPORT

NUMBER OF TESTS PERFORMED

TABLE 94A

CASES	TOTAL NUMBER OF CASES	SEROLOGICAL TESTING ON SPECIMENS RECEIVED	ANALYSIS AND IDENTIFICATION OF SPECIMENS RECEIVED	TOTAL
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TESTS ON SPECIMENS FROM BODIES

CORONER'S CASES	714	8,784	5,000	13,784
OUT OF COUNTY	97	1,514	720	2,234
NONFATAL	48	2,056	698	2,754
MISSING PERSONS	3	366	61	427
TOTAL	862	12,720	6,479	19,199

TESTS ON EVIDENCE FROM CASES LISTED ABOVE

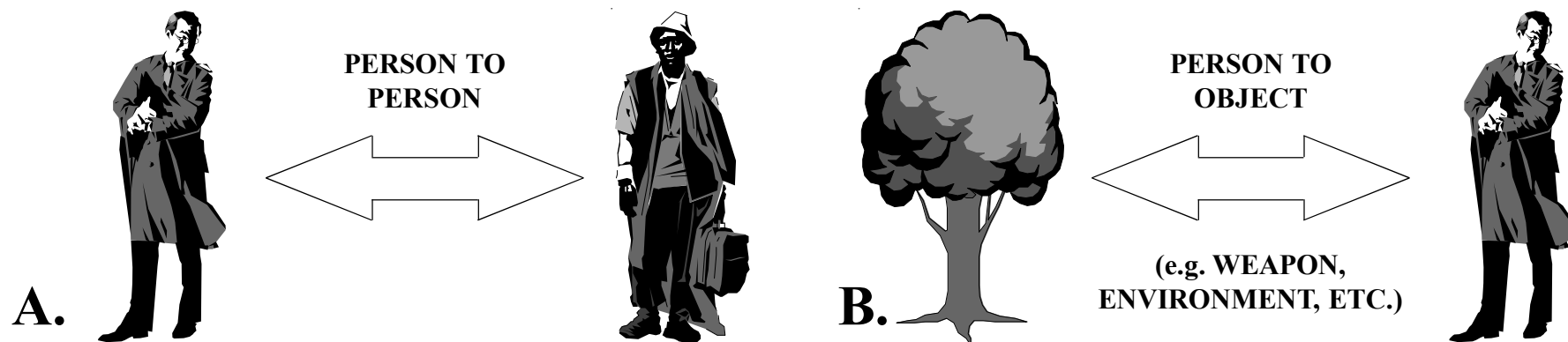
TOTAL	232	8,925	2,035	10,978
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TOTAL TESTS ON SPECIMENS AND EVIDENCE FROM CASES LISTED ABOVE

GRAND TOTAL	1,094	21,645	8,532	30,177
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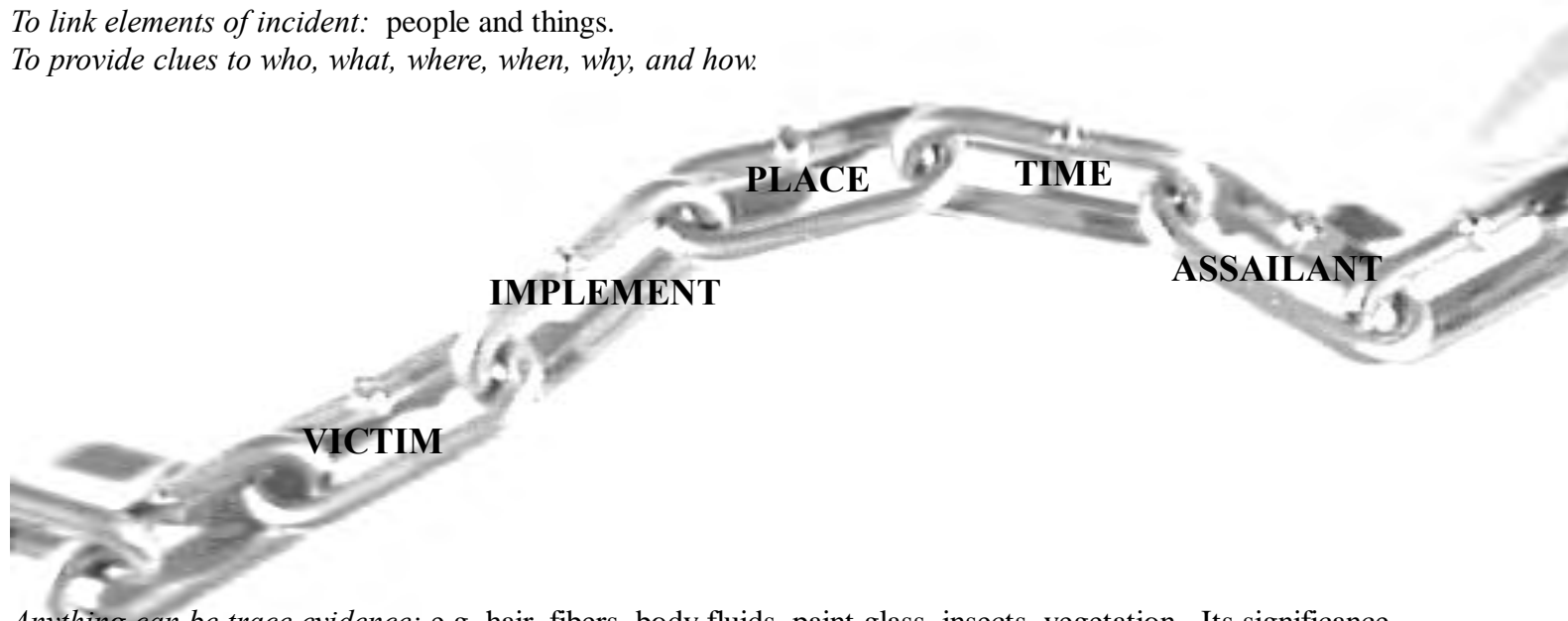
I. LOCARD'S PRINCIPLE: *Contact produces a transfer and exchange of body fluids, hair, fibers, etc.*

- A. *Exchange of body fluids, hair, fibers, etc.*
- B. *Transfer of body fluids, hair, fibers, etc.; of components of objects, contaminants, and imprints.*



II. OBJECTIVE:

- A. *To link elements of incident: people and things.*
- B. *To provide clues to who, what, where, when, why, and how.*



C. *Anything can be trace evidence; e.g. hair, fibers, body fluids, paint glass, insects, vegetation. Its significance is dependent on its individual characteristics.*

	CUYAHOGA COUNTY CORONER'S OFFICE	OTHER SOURCES*	TOTAL
<u>TISSUE SPECIMENS RECEIVED FROM:</u>			
AUTOPSIES	1,506	152	1658
BIOPSIES, SPECIMENS, ETC.			0
TOTAL	1,506	152	1658
BLOCKS PREPARED	23,615	2,186	25,801
SECTIONS PREPARED	35,001	3,260	38,261
<u>SLIDES PREPARED AND STAINED:</u>			
ROUTINE HEMATOXLIN - EOSIN	24,683	2,206	26,889
<u>SPECIAL STAINS FOR THE DEMONSTRATION OF:</u>			
ACID FAST BACTERIA	12		12
AMYLOID	17		17
BILE PIGMENT			0
BROWN AND BRENN	5		5
ELASTIC			0
FONTANA			0
IRON	137	38	175
METHENAMINE SILVER	11		11
MOVAT			0
MUCIN			0
P.A.S.	7		7
PENTACHROME	23		23
WARTHIN-STARRY			0
SIMPLE SILVER	7		7
OTHER	12	10	22
TOTAL	24,914	2,254	27,168

* Outside autopsies done for other counties in 2001 and additional cuts and stains for other cases prior to 2001.

The primary purpose of forensic photography at the Coroner's Office is to provide a credible, accurate visual record of medical/legal evidence. Scenes of death or bodily injury, associated evidence, wounds, organ specimens and recognizable features identification on a body are available for examination for only a short time. Therefore, all these subjects are routinely photographed. Afterwards, any image processing or printing is done within the confines of this office. This is discreet, maintains the uninterrupted chain of possession of evidence, and facilitates the availability of image files, negatives, prints, and slides.

Photography is, as part of a case report, the visual addendum to the written notes and observations of the pathologist, the forensic scientist, and other staff members. It is a teaching aid in lectures and a visual aid in court presentations and published research. It can also stand alone, saying things that words cannot, and be an investigative tool in itself. The Photography Department at this office also has the responsibility and the resources to produce graphics (including this report) and three-dimensional constructs. Charts, graphs, illustrations, crime scene reconstructions or other scale models are utilized in court, classrooms or publications as succinct, effective ways for making investigative, scientific, or technical points more accessible to jurors, students, or law enforcement personnel in a way that verbal description cannot.

Since 1989 the Photography Department has increasingly made use of computer equipment and digital imaging technology to improve its investigative potential, resolve spatial relation questions encountered in crime and accident scenes, and complete graphic assignments more quickly and efficiently. In August of 1998 the Cuyahoga County Coroner directed the Photography Department to begin researching and to prepare for an eventual transition from film-based photography to digital photography.

Between the years 1998 and 2000, the Photography Department evaluated hardware and software, resolved workflow issues, tested various file management and retrieval systems, wrote and verified standard operating procedures, and trained staff. Priorities included maintaining high image quality (resolution), image security, image file authentication, and ensuring that all services previously performed with film could be accomplished with digital equipment. During this period of research and

development, the Coroner's Office also created software that allows members of the Coroner's staff to review and order images online via the office's secure local area network. This solution was designed to minimize printing, thereby reducing operating costs, and to allow for almost immediate access to all photographs. On August 7, 2000, after 3 months of parallel testing, the Photography Department successfully made the transition from film to digital technology.

Digital imaging technology allows the Photography Department to quickly deliver images to pathologists and forensic scientists so that they may complete their work more efficiently. Additionally, the use of this technology allows the Coroner and her staff to review photographs prior to leaving remote locations such as accident or crime scenes. Digital photographs also advance the investigative process as they are more easily analyzed using image enhancement software than their analog counterparts. Finally, digital imaging technology is environmentally friendly, using no silver or photographic chemistry. The use of digital photography by this department will better serve the citizens of Cuyahoga County.

IDENTIFICATION PHOTOGRAPHS¹	4,044
TOTAL NUMBER OF RECORDED IMAGES²	26,697
TOTAL NUMBER OF PRINTED IMAGES³	13,130
TOTAL NUMBER OF COLOR SLIDES PRODUCED	1,107
CHARTS AND GRAPHS PRODUCED	95
CAD⁴ SCENE AND/OR EVIDENCE ANALYSIS	2

¹Includes 152 out of county cases.

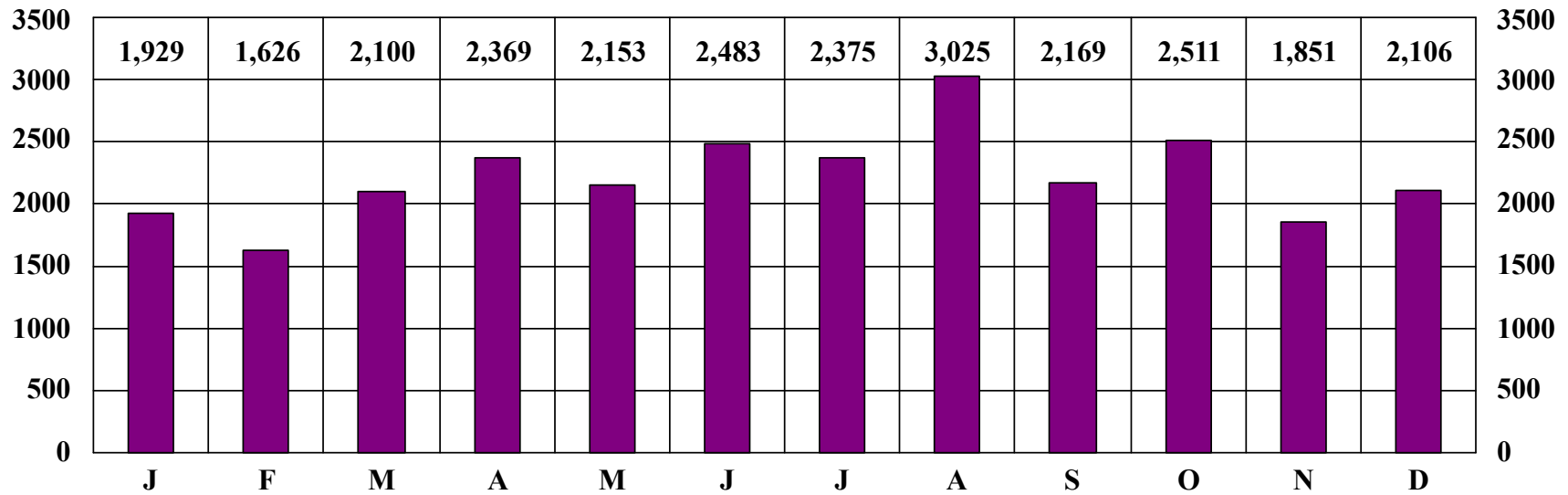
²Includes identification photographs.

³Includes total color slides.

⁴Computer-aided design software

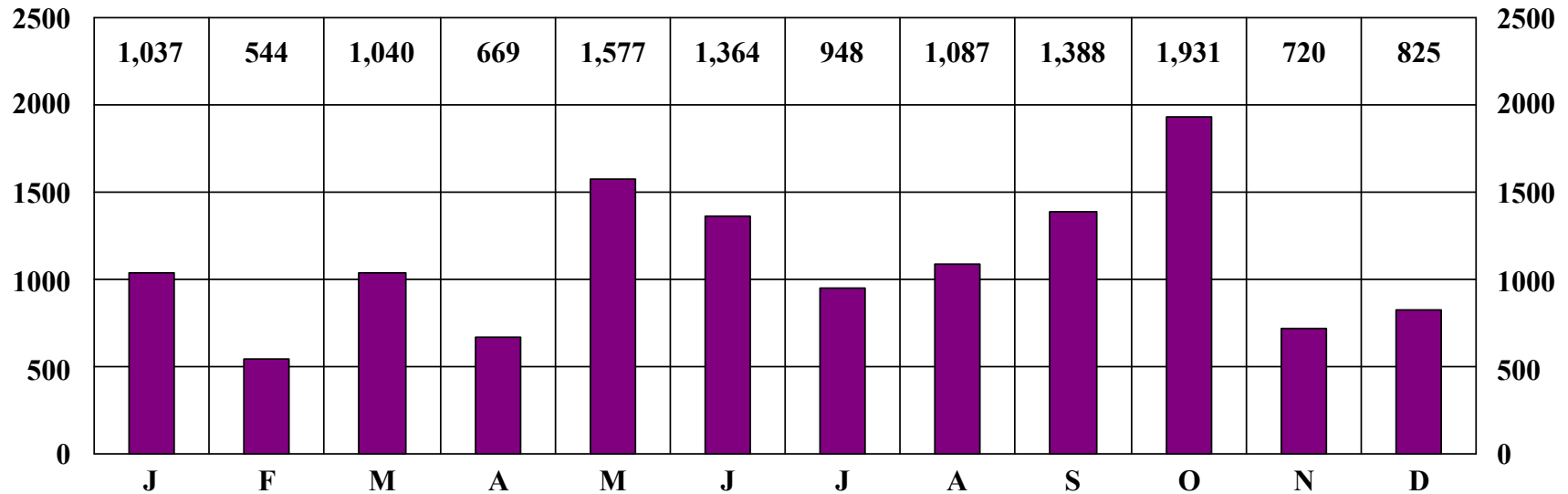
2001 PHOTOGRAPHY DEPARTMENT REPORT

RECORDED IMAGES BY MONTH FOR THE YEAR 2001

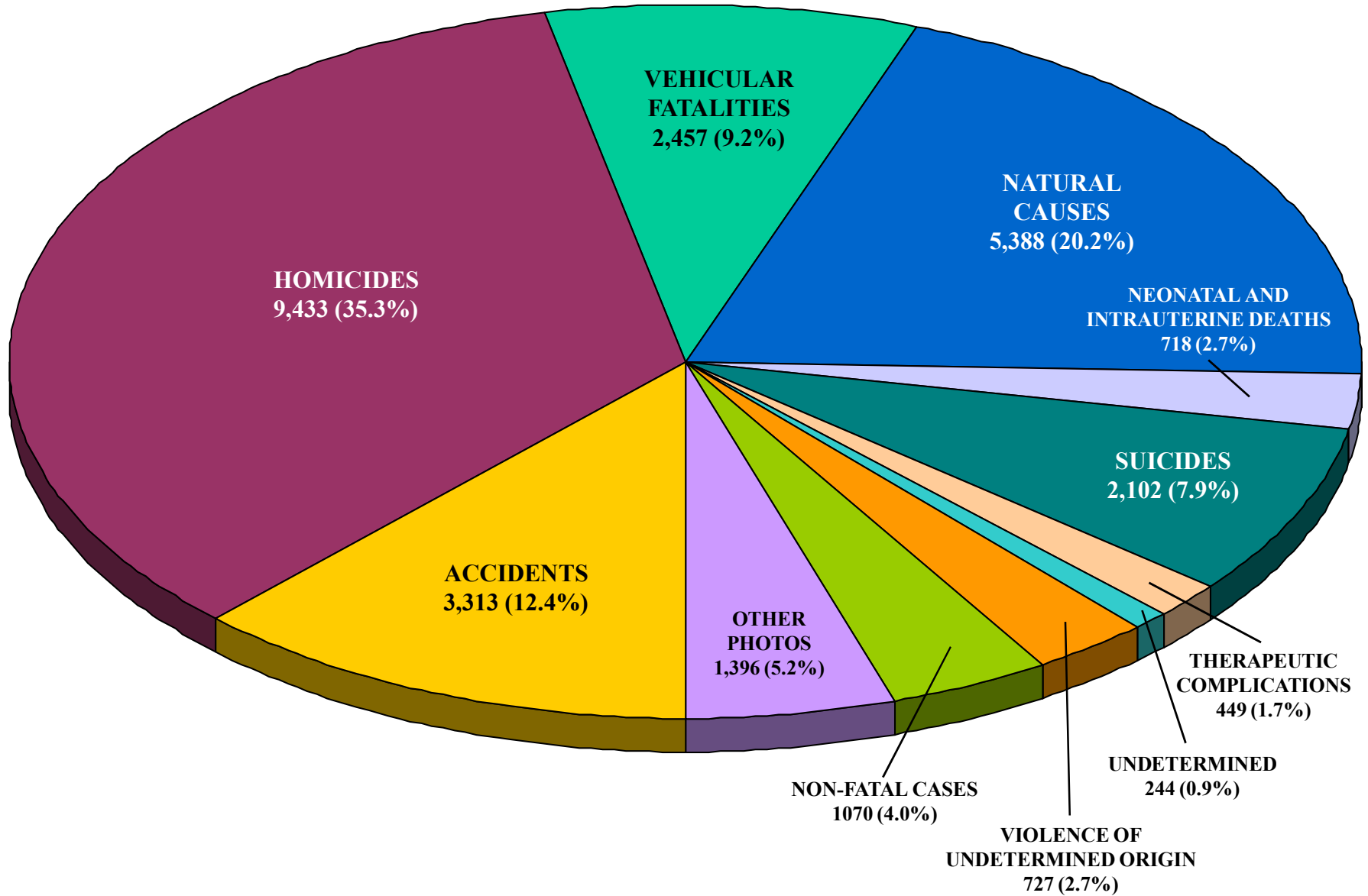


2001 PHOTOGRAPHY DEPARTMENT REPORT

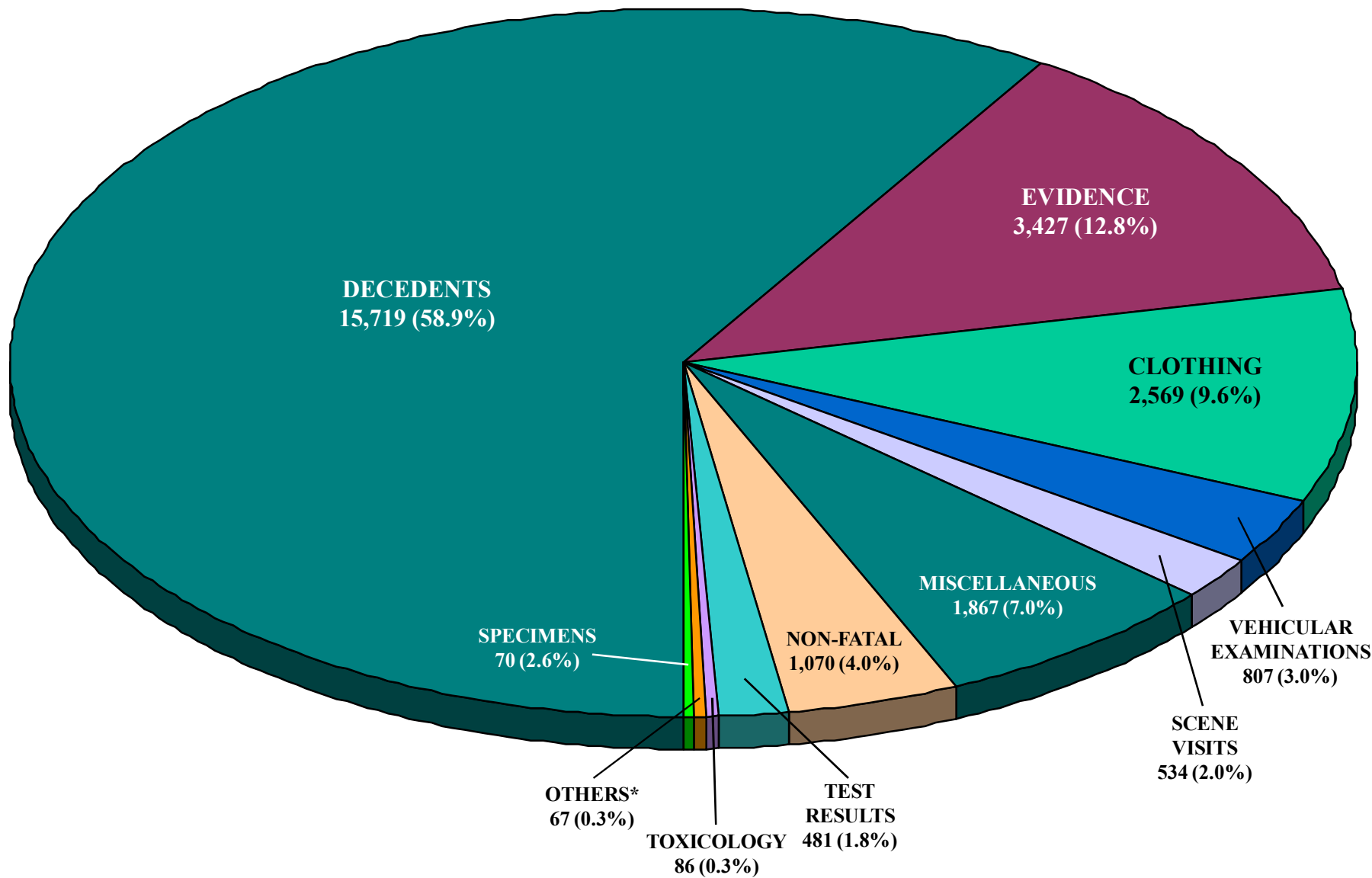
PRINTED IMAGES BY MONTH FOR THE YEAR 2001



26,697 DIGITAL PHOTOGRAPHS

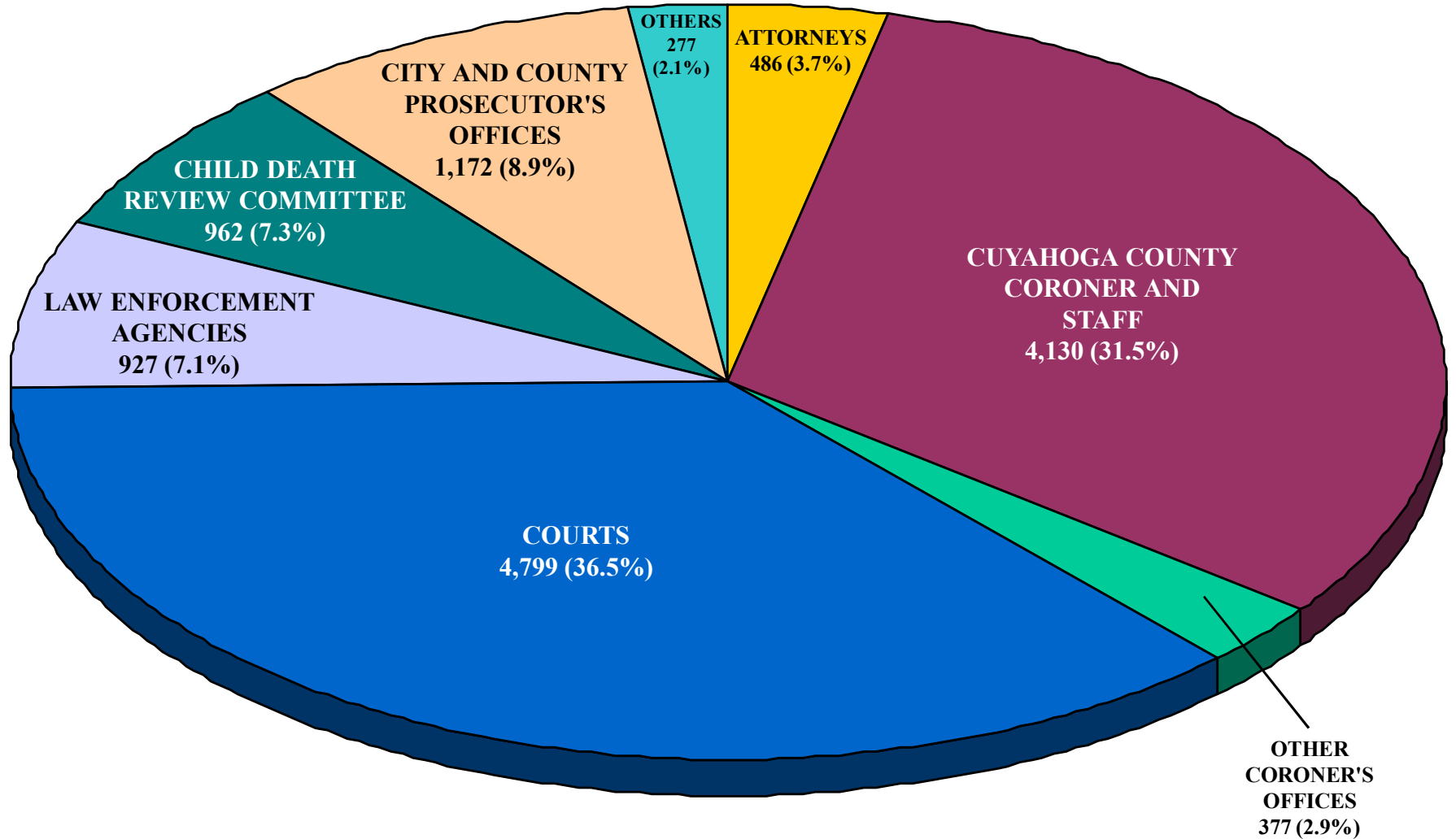


26,697 DIGITAL PHOTOGRAPHS



*OTHERS - Photomicrographs (34) and Graphics (33)

13,130 PRINTED IMAGES



The utilization of radiographic investigation in the Coroner's Office can be grouped under the following general broad headings:

- 1. Foreign body identification and localization.**
- 2. Documentation of the type and extent of traumatic injuries.**
- 3. The identification of congenital anomalies affecting the skeleton.**
- 4. Demonstration of underlying diseases which may or may not be related to the cause of death.**
- 5. Investigative uses in conjunction with studying specific details.**
- 6. Identification of persons in mass catastrophies or a single unknown victim.**

Foreign body identification and localization constitutes the major use of the X-ray equipment. The extent, number and position of the bullets or radiopaque materials can be documented rapidly with a great saving in time of examination and with high accuracy. If a bullet is not present, a search need not be conducted. Conversely, if a bullet is present it has to be recovered.

Radiographs give an accurate documentation of the fractures and traumatic effects of the soft tissue organs unobtainable in other ways.

Radiology plays an important role in establishing a record of either the normal or abnormal features of the part of the body in question. The use of X-rays to discern multiple pre-existing injuries of specific type and recognizable pattern in a child, living or dead, is now well known in establishing "*The Battered Child Syndrome*".

The Cuyahoga County Coroner's Office utilized radiographs in identifying many of the victims of the East Ohio Gas Company disaster in 1944. In instances where visual recognition is dubious or impossible radiographs may provide identifying information. Studies of postmortem radiographs and comparable radiographs taken during life may serve to confirm or exclude a tentative identification.

The immediate availability of diagnostic radiographic equipment in the Coroner's Office offers the forensic pathologist an invaluable tool which aids in performing the autopsy, saving time, as well as accurately documenting pathologic changes.

One thousand seven hundred nineteen (1,719) radiographs were made in 2001 of inside cases.

Three hundred ninety-five (395) radiographs were made in 2001 of outside cases.

EXAMINATIONS	CUYAHOGA COUNTY CORONER'S CASES	OTHER CORONERS CASES	TOTAL
NUMBER OF CASES EXAMINED	31	13	44
DENTAL CHARTING	28	13	41
INTRA-ORAL X-RAYS	31	13	44
COMPARISON WITH ANTEMORTEM DENTAL RECORDS	8	13	21
EXTRACTIONS FOR AGE ESTIMATIONS	25	5	30
BITE MARK ANALYSIS	1	0	1
FULL DENTURE ANALYSIS	1	0	1
SINGLE TOOTH ANALYSIS	1	0	1

Number of Cases:	5
Non-human Remains	2
Exhumations	-
Trace Evidence Examinations	-
<u>Human Remains</u>	
Not Homicides or Accidental Deaths	-
Demographic Profiles:	2
Facial Reconstructions:	1

During 2001, the Brief Grief Counseling Intervention Program at the Cuyahoga County Coroner's Office experienced a first full year of service provision which was evidenced not only by increased attendance at counseling sessions, but also through the implementation of changes and expansive efforts. There were 684 counseling sessions held and the characteristics of the clients, the decedents, and the counseling sessions are depicted in this section.

Regarding the changes, it did not take long to notice that the initial "brief" approach to counseling grief in these sudden and traumatic deaths was somewhat insensitive to the necessary unfolding of the traumatic grief process. The development of trust between the psychologist and client generally is being established during the early sessions, therefore, if the counseling relationship were to be terminated and the client simply passed on to another professional, future intervention could be compromised. This was the first and we believe is still the only psychological grief program at a Coroner's Office, thus, there were no models to follow in the early development of the program. Therefore, it was determined that the nature of the program should be open to the clients as long as they need and could benefit from the services. This extension of service also concomitantly serves to assist the grieving loved ones with the potential intrusions upon their grief which they could experience throughout the medico-legal investigation, exposure from the media, the process of adjudication, and in the aftermath. In summary, the word "brief" was removed from the title of the counseling program.

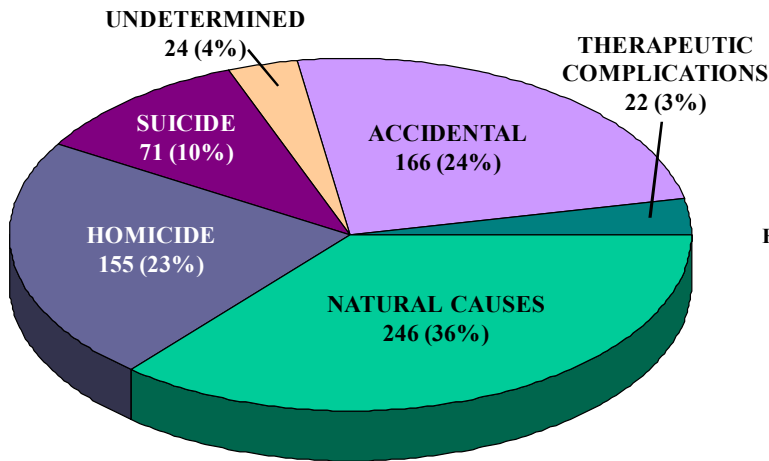
An important area of expansion for the Grief Counseling Intervention Program occurred after surviving family members of homicides who had participated in counseling spoke of their beneficial experiences through the sessions to the Witness-Victim Coordinator of the Major Trial Unit at the Cuyahoga County Prosecuting Attorney's Office, as their loved ones' trials were beginning to take form. The coordinator, Anne Goodwin, and the Supervisor of the Major Trial Unit, Thomas Sammon then met with Dr. Caramela-Miller to explore how the counseling could be extended to their cases of homicide and sexual assault. After some

creative thought and careful planning, the Cuyahoga County Coroner, Dr. Elizabeth K. Balraj, and the Cuyahoga County Prosecuting Attorney, Mr. William D. Mason, joined forces and collaborated on a joint effort to secure funding for Year 2002 in order to make the expansion to the Prosecutor's Office a reality. As a result, federal funds were obtained through the Byrne Law Enforcement Assistance Grant Program for Year 2002. In the meanwhile, Dr. Balraj opened her doors to the survivors in the Major Trial Unit cases and Trauma and Loss Counseling of victims of sexual assault and homicides (as referred through the Prosecutor's Office). This began on July 31st, 2001. The results of this collaboration are depicted at the end of this section.

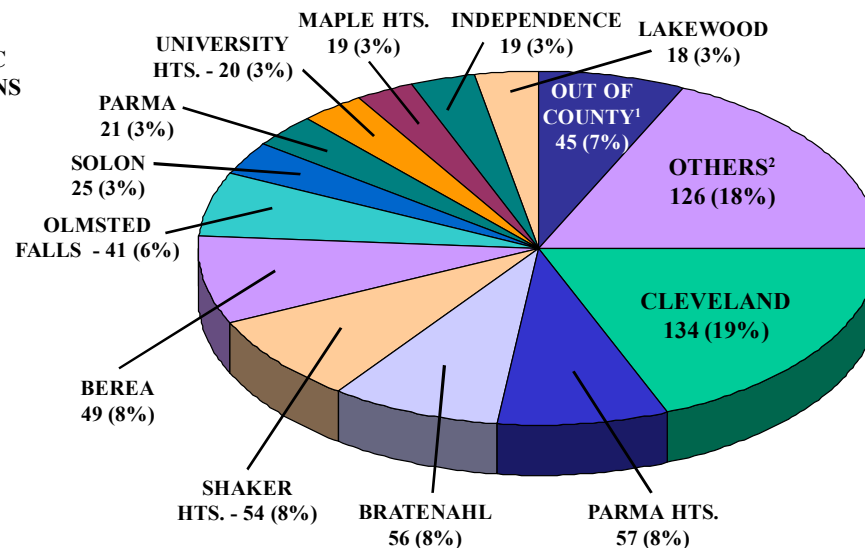
Another milestone in the ongoing development of the counseling program was experienced as volunteer psychology interns were implemented during the summer of 2001 to assist the psychologist with report generation, to interact with the clients as they call in for appointments, to work with the children who attend counseling while their parent(s) are in counseling sessions, for database management and entry, to assist with grant reports, and to perform other office duties. These psychology interns have been exceptionally useful in accomplishing the goals of the counseling program in a timely manner. The internships have served as an important venue for educational exposure to death, bereavement, psychological, and legal issues for these undergraduate students. The interns who have participated are Lauren M. Cimperman, a sophomore at the University of Toledo, David A. Hadden, a sophomore at the University of Akron, Vivian W. Liu, a senior at Case Western Reserve University, Jonathan J. Bragg, a senior at Bowling Green State University, and Julie Biebel, a sophomore at Baldwin Wallace College. David Hadden, Vivian Liu, and Jonathan Bragg have skillfully integrated the internship with their focus of intellectual study and will continue on into Year 2002. The Grief Counseling Intervention Program has been successful in meeting its goals for 2001 and embraces the opportunities that await the Year 2002.

SUMMARY CHARTS

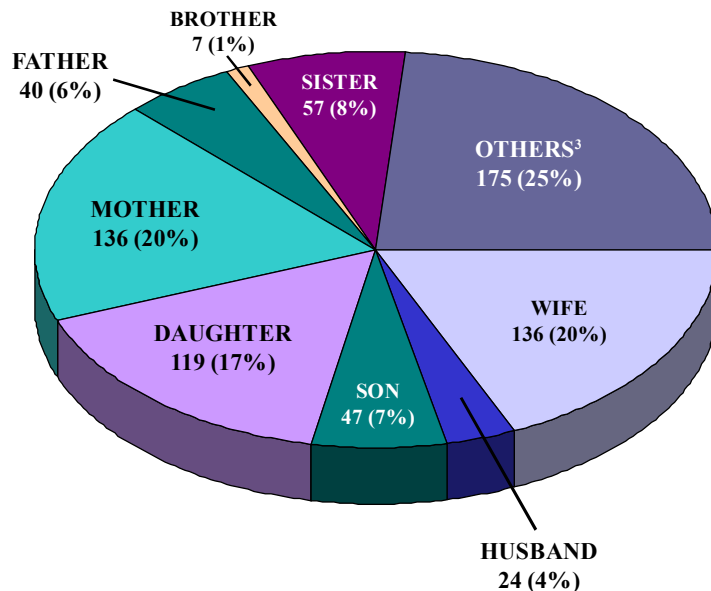
MANNER OF DEATH OF DECEDENT



MUNICIPALITY OF CLIENT



CLIENT'S RELATIONSHIP TO DECEDENT'S



2001 - 684 TOTAL SESSIONS⁴

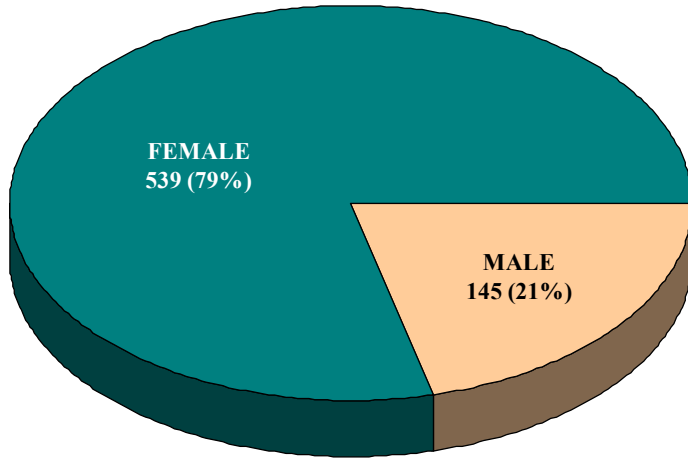
¹ Decedent died in Cuyahoga County and client lived in or moved to another county. Columbus - 14 (2%), Aurora - 14 (2%), Russell - 7 (1%), Barbarton - 7 (1%), and Twinsburg - 3 (.5%)

² Bedford Heights - 16 (2%), Chagrin Falls - 16 (2%), Garfield Heights - 15 (2%), Cleveland Heights - 14 (2%), Warrensville Heights - 14 (2%), South Euclid - 13 (2%), Brook Park - 12 (2%), Lyndhurst - 10 (2%), Pepper Pike - 10 (1%), Strongsville - 4 (0.5%), North Olmsted - 1 (0.5%), and Euclid - 1 (0.5%)

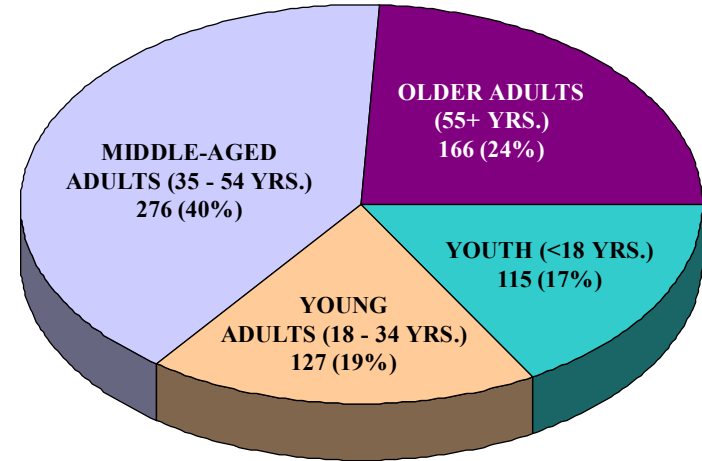
³ Great-grandmother - 4 (0.6%), Grandmother - 3 (0.4%), Grandson - 8 (1.2%), Granddaughter - 4 (0.6%), Aunt - 2 (0.3%), Nephew - 2 (0.3%), Niece - 4 (0.6%), Sister-in-law - 11 (1.6%), Daughter-in-law - 1 (0.1%), Step-son - 1 (0.1%), Step-daughter - 6 (0.9%), Female partner - 35 (5.1%), Daughter's boyfriend - 5 (0.7%), Ex-husband - 4 (0.6%), Ex-wife - 5 (0.7%), Friend - 11 (1.6%), Neighbor - 11 (1.6%), and Daughter/Sister - 1 (0.1%)

⁴ Does not include sexual assault referrals from the Cuyahoga County Prosecutor's Office.

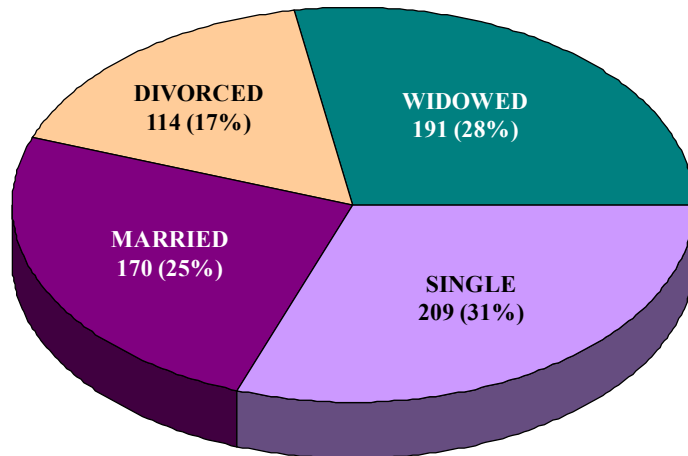
GENDER OF CLIENT



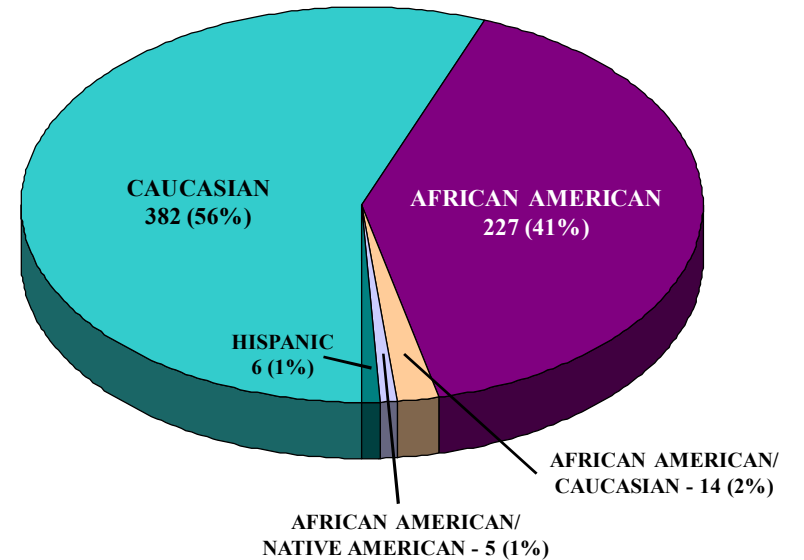
AGE GROUP OF CLIENT



MARITAL STATUS OF CLIENT

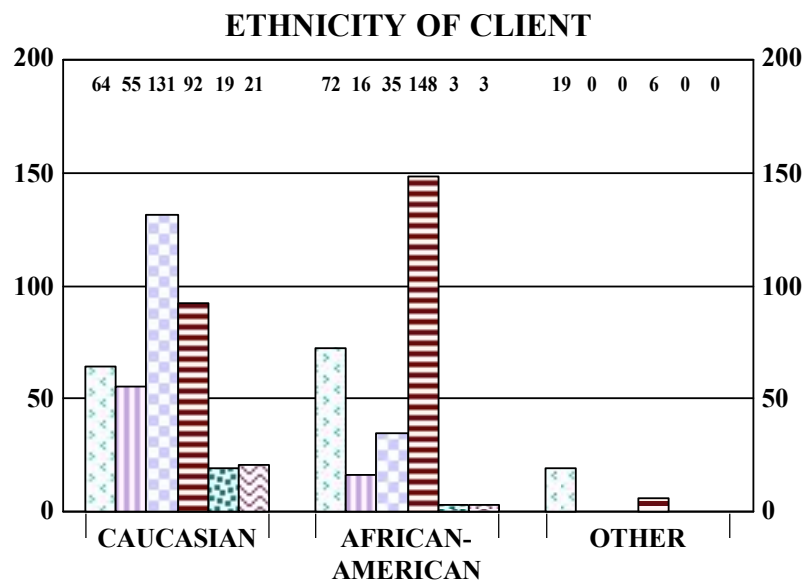
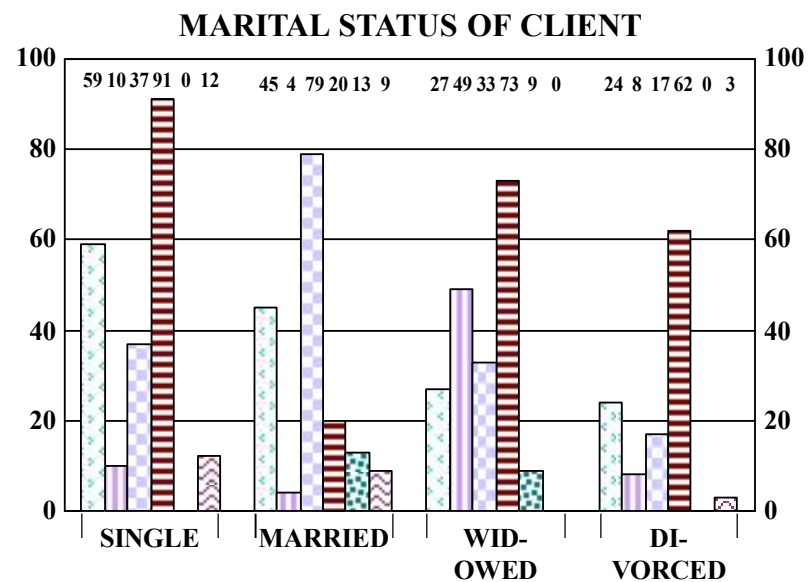
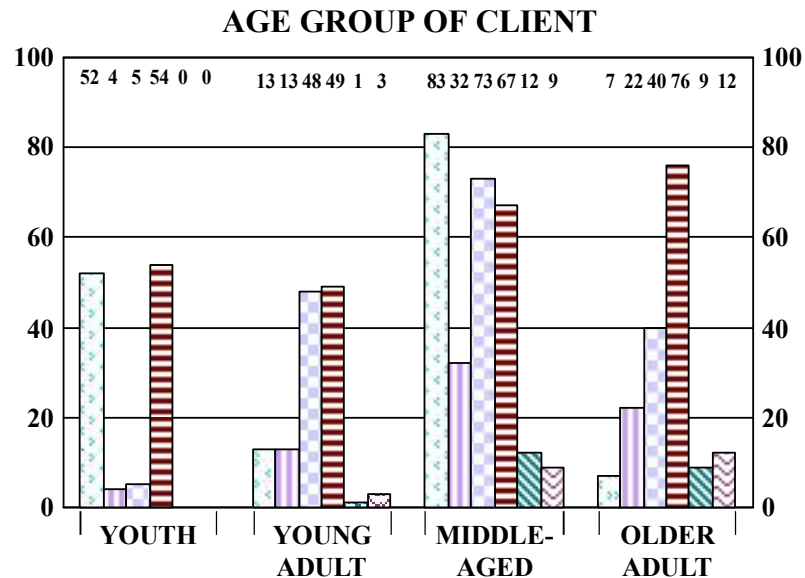
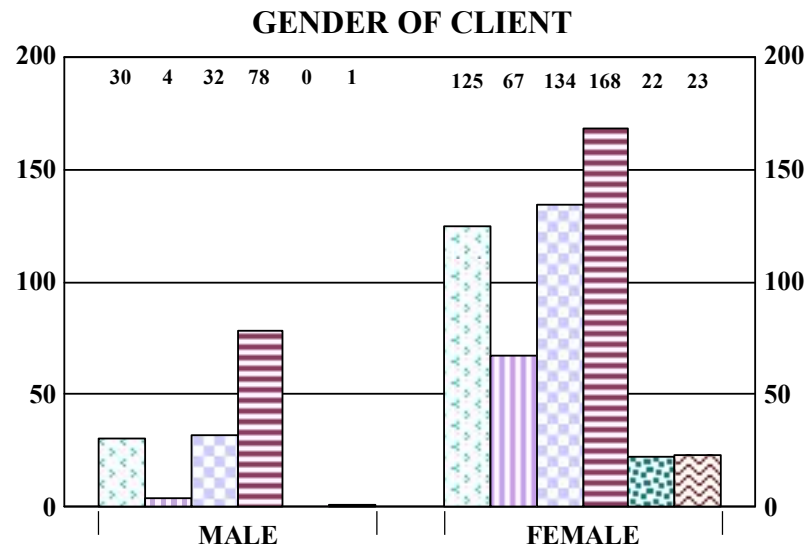


ETHNICITY OF CLIENT

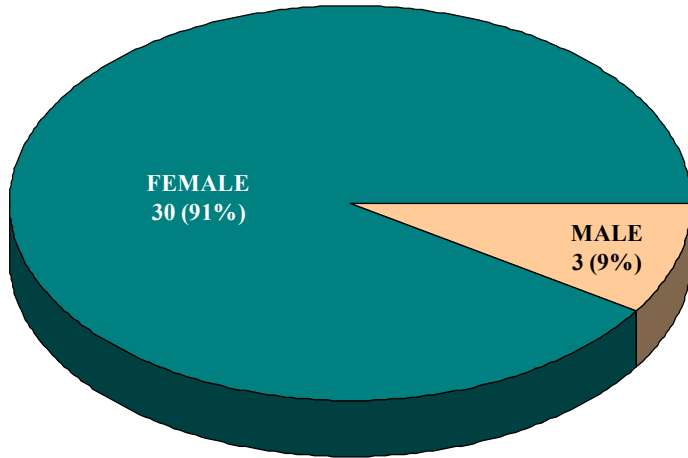


2001 GRIEF COUNSELING INTERVENTION PROGRAM

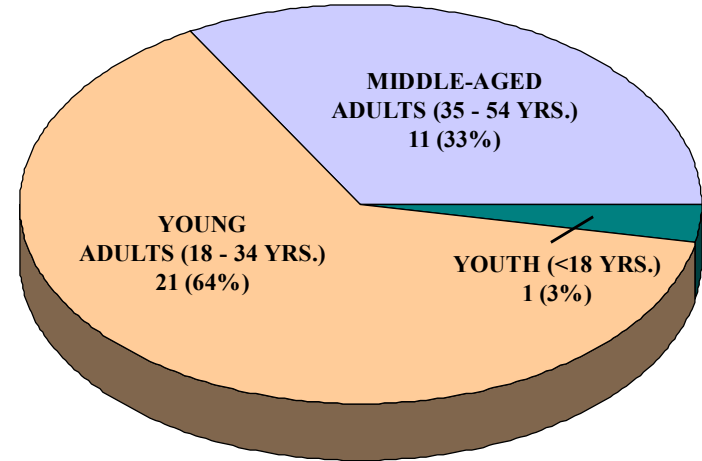
CLIENT CHARACTERISTICS (BY DECEDENT'S MANNER OF DEATH)



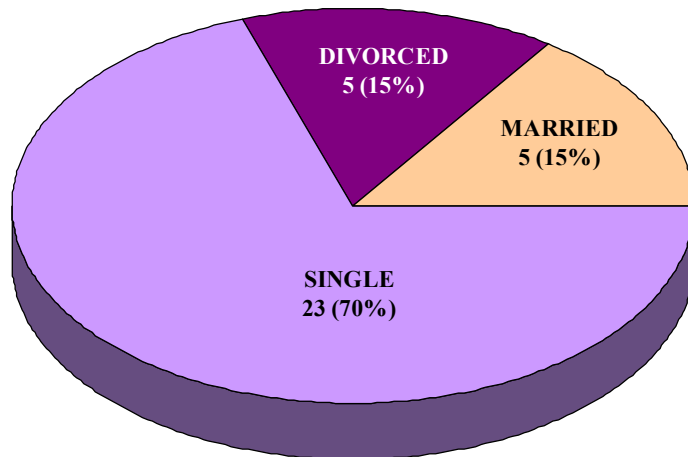
GENDER OF CLIENT



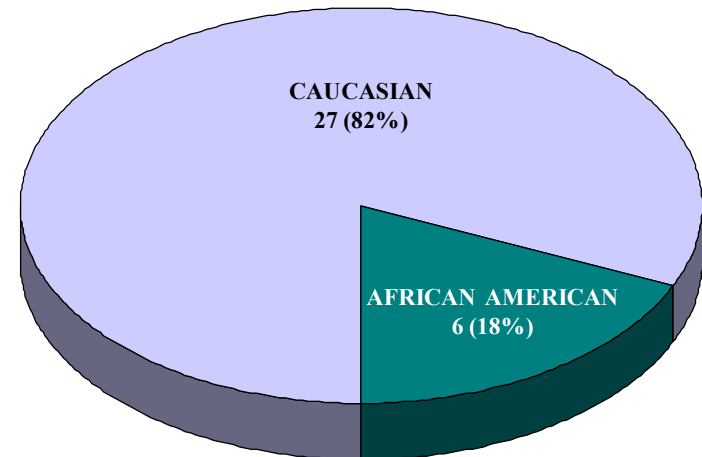
AGE GROUP OF CLIENT



MARITAL STATUS OF CLIENT



ETHNICITY OF CLIENT



2001 LECTURES GIVEN BY MEMBERS OF THE STAFF

Elizabeth K. Balraj, M.D., Coroner

- January:** Institute of Pathology, University Hospitals, Lecture to Residents, "Introduction to Forensic Pathology".
College of Cleveland Preachers, "Cuyahoga County Coroner's Office, Tour and Lecture".
- February:** Cleveland Police Academy, "Cuyahoga County Coroner's Office, Lecture and Tour".
- March:** College and Career Workshop, East Cleveland School System, High School Students, "Physician As Coroner and/or Forensic Pathologist".
- April:** St. Vincent's Charity Hospital, "Preserving Evidence in Coroner's Cases".
- May:** Charter Class of The Cleveland Bridge Builders (Community Leadership Program for Emerging Leaders), "Dynamics of Power Implication for Emerging Leaders".
Interview Channel 43, CSI, "Investigation of suspicious and violent deaths by Coroner".
Parma Community General Hospital, "Role and Functions of Coroner".
Cleveland State University College of Urban Affairs, Focus Group, "Women as Leaders in Community".
- June:** Cuyahoga County Funeral Director's Association, "Sheppard Case, The Final Chapter".
- September:** First Friday Men's Club, "Medicolegal Death Investigation".
Case Western Reserve University, School of Law, "Duties and Functions of Cuyahoga County Coroner".
- October:** National Association of Medical Examiners Annual Seminar Held at Richmond, Virginia.
Oral presentation, "The Coroner In The New Millennium: Accepting And Defining The Winds Of Change- The Cleveland Experience".
Independence High School, "Duties and Functions of Coroner".
Cuyahoga Community College, Elder Campus, "Dead Men Do Tell Tales."

William Z. Bligh-Glover, M.D.

- Alcohol and Trauma, Hillcrest Hospital Trauma Department, November 2001
- Unusual Projectiles*, Cuyahoga County Coroner's Office, September, 2001
- Pathology and Life*, CWRU Prematriculation Students, August, 2001
- Burns and Explosions*, University Hospitals Pathology Residents, June 2001
- Forensic Aspects of Tattooing*, University Hospitals Dermatology Residents, April 2001
- Two Cases of Suicidal Electrocutation*, Cuyahoga County Coroner's Office, March 2001
- Alcoholic Neuropathology*, University Hospitals Psychiatry Residents, February 2001

Laboratory Teaching

- Histology laboratory instructor, first year medical students.
- Autopsy instructor, second year medical students and Pathology residents

Joseph A. Felo, D.O., Deputy Coroner

- January:** Ohio College of Podiatric Medicine, "Male Genitourinary Disease"
- Ohio College of Podiatric Medicine, "Gastrointestinal Disease, part I"
- February:** Ohio College of Podiatric Medicine, "Gastrointestinal Disease, part II"
- Case Western Reserve University, School of Medicine, Pulmonary pathology laboratory instructor (5 labs)
- March:** Case Western Reserve University, School of Medicine, Microscopic tutorial of pulmonary pathology
- April:** MetroHealth Medical Center Pathology Department, "Forensic Pathology Photographic Review"
- October:** National Association of Medical Examiners Annual Conference, "A Retrospective Comparison of Skeletal Injuries in Infants and Children Utilizing Two Methods of Total Body Radiographs with Correlation of Autopsy Findings"
- January to December:** Cuyahoga County Coroner's Office, Demonstration Autopsy (10 autopsies)

2001 LECTURES GIVEN BY MEMBERS OF THE STAFF (continued)

Stanley Seligman, M.D., Deputy Coroner

April: Lecture to Pathology Residents at University Hospitals, "Gunshot Wounds."

Demonstration Autopsy classes to paramedics, law students, medical and dental assistant students.(7)

Toxicology Department

January: **Jenkins, A.J.:** A Career in the Forensic Sciences. Chemistry Department Career Seminar, Baldwin Wallace College, Berea, OH, January 24, 2001.

February: **Jenkins, A.J.:** Toxicology. The Cleveland Police Academy 120th Lecture, Cleveland Police Department, Cleveland, OH, February 6th and 7th, 2001.

Jenkins, A.J.: Postmortem Forensic Toxicology. In A Non-specialists Review of Forensic Toxicology Workshop, American Academy of Forensic Sciences Annual Meeting, Seattle, WA, February 20, 2001.

Merrick, T.C., and Jenkins, A.J.: Evaluation of isopropanol concentrations in the presence of acetone in post mortem biological fluids. American Academy of Forensic Sciences 53rd Annual Meeting, February, 2001, Seattle, WA.

Ginnis, M., **Sebrosky, G.**, Mincey, D., and **Jenkins, A.J. :** Method development for analysis of antidepressant and antipsychotic drugs in human brain tissue. American Academy of Forensic Sciences 53rd Annual Meeting, February, 2001, Seattle, WA.

July: **Jenkins, A.J.:** Overview of Chemical Derivatization. In The Chemistry of Derivatization Seminar, University of Wisconsin Pyle Center, Madison, WI, July 20, 2001. Sponsored by The Society of Forensic Toxicologists, Inc. and the Wisconsin State Laboratory of Hygiene.

September: **Jenkins, A.J., and Miller, F.:** A drowning involving ethanol, MDMA and ketamine. Society of Forensic Toxicologists Annual Meeting, September 30-October 5, 2001, New Orleans, LA.

Fontenot, R., and Jenkins, A.J.: Utility of LSD screening of forensic urine specimens. Society of Forensic Toxicologists Annual Meeting, September 30-October 5, 2001, New Orleans, LA.

Lavins, E.S., Snyder, A., and Jenkins, A.J.: Assessment of the utility of opiate hydrolysis in the number of positive urine specimens in a drug testing program. Society of Forensic Toxicologists Annual Meeting, September 30-October 5, 2001, New Orleans, LA.

October: **Jenkins, A.J.:** Interpretation of cocaine, heroin and metabolite concentrations in postmortem cases. In Seminars in Pathology, Institute of Pathology, University Hospitals, Case Western Reserve University, Cleveland, OH, October 22, 2001.

2001 LECTURES GIVEN BY MEMBERS OF THE STAFF (continued)

Linda M. Luke, B.S., Trace Evidence Chief Forensic Serologist, DNA Technical Manager Supervisor, DNA Section

- January:** Women In Science - øTrace Evidence/DNAö, Location: Cuyahoga Community College.
- February:** The Cleveland Police Academy - Part I, øTrace Evidenceö. Location: Cuyahoga County Coronerø Office.
The Cleveland Police Academy - Part II, øTrace Evidenceö. Location: Cuyahoga County Coronerø Office.
- April:** Cuyahoga Community College: Law Enforcement Class - øTrace Evidence/DNAö. Location: Cuyahoga County Coronerø Office.
Cuyahoga Community College: Law Enforcement Class - øTrace Evidence/DNAö. Location: Cuyahoga County Coronerø Office.
Cuyahoga Community College: Law Enforcement Class - øTrace Evidence/DNAö. Location: Cuyahoga County Coronerø Office.
- May:** The North Coast Polytechnic Institute: Law Enforcement - øMock Crime Scene Simulationö. Location: 3 Abandoned Housing in City of Westlake.
The North Coast Polytechnic Institute: Law Enforcement - øMock Crime Scene Simulationö.
Location: 3 Abandoned Housing in City of Westlake.
- June:** High School Biology Students from North Coast Christian Academy - Trace Evidence/DNAö. Location: Cuyahoga County Coronerø Office.
The Health Museum of Cleveland - øTrace Evidence/DNAö. Location: The Health Museum.
The Health Museum of Cleveland - øTrace Evidence/DNAö. Location: The Health Museum.
The Health Museum of Cleveland - øTrace Evidence/DNAö. Location: The Health Museum.
- October:** Case Western University School of Law - øTrace Evidence/DNAö. Location: Cuyahoga County Coronerø Office.
øCrime Scene Simulationö Baldwin Wallace Institute for Learning and Retirement, Eastern Campus Senior Group - øTrace Evidence/DNA and Crime Scene Investigation Vignetteö. Location: Sommerset Point Retirement Community.
Independence High School - øTrace Evidence/DNA." Location: Cuyahoga County Coronerø Office.
Independence High School - øTrace Evidence/DNA." Location: Cuyahoga County Coronerø Office.
Independence High School - øTrace Evidence/DNA." Location: Cuyahoga County Coronerø Office.
- November:** Independence High School - øTrace Evidence/DNA.ö Location: Cuyahoga County Coronerø Office.
Pathologist of the Cuyahoga County Coronerø Office - øTrace Evidence/DNAö. Location: Cuyahoga County Coronerø Office.

2001 LECTURES GIVEN BY MEMBERS OF THE STAFF (continued)

Sandra A. Caramela-Miller, Ph.D., Developmental and Cognitive Psychologist, Gerontologist. Program Director/Counselor - Grief Counseling Intervention Program; Program Director - Trace Evidence Research Study.

- February:** Busch Family Chapels, Lakewood, Ohio, öCollaborative Meeting on Griefö - Invited Participant
- March:** Cuyahoga County Coroner's Office, Coroner/Forensic Pathologists, Cleveland, Ohio, öBrief Grief Intervention Programö
- öAssociation for Death Education and Counseling, 23rd Annual Conference,ö Toronto, Ontario, öDeveloping and Implementing Brief Grief Counseling Sessions in Coroner's Casesö
- Cuyahoga County Prosecutor's Office, Major Trial Unit, Cleveland, Ohio, öDevelopment of Psychological Counseling Program - Collaborative Meetingö
- April:** Cuyahoga County Prosecutor's Office, Major Trial Unit, Cleveland, Ohio, öDevelopment of Psychological Counseling Program - Collaborative Meetingö
- May:** Lauren Cimperman, Volunteer Intern, öBrief Grief Intervention Program,ö Internship May through August
- David Hadden, Volunteer Intern, öBrief Grief Intervention Program,ö Internship May through August
- Julie Biebel, Volunteer Intern, öBrief Grief Intervention Program,ö Internship May through August
- June:** American Red Cross, Emergency Services Disaster Planning and Preparation, Cleveland, Ohio, öBrief Grief Intervention Programö
- Cuyahoga County Prosecutor's Office, Major Trial Unit, Cleveland, Ohio, öDevelopment of Psychological Counseling Program - Collaborative Meetingsö
- July:** American Red Cross, Emergency Services Disaster Planning and Preparation, Cleveland, Ohio, öBrief Grief Intervention Program - Introduction to Staff ö
- The University of Akron, Department of Psychology, Akron, Ohio, öGrief Counseling - Psychological Internship Programö
- August:** Case Western Reserve University, Career Center, Cleveland, Ohio, öGrief Counseling - Psychological Internship Programö
- Baldwin-Wallace College, Career Center, Berea, Ohio, öGrief Counseling - Psychological Internship Programö
- September:** Antioch Baptist Church, Support Group for Families of Murdered Children, Cleveland, Ohio, öBrief Grief Intervention Programö
- Hospice of Ohio, Toledo, Ohio, öTrauma and Loss Consultationö

2001 LECTURES GIVEN BY MEMBERS OF THE STAFF (continued)

Sandra A. Caramela-Miller, Ph.D. (continued)

- October:** National Association of Medical Examiners, 2001 Annual Meeting, Richmond Virginia, The Coroner in the New Millennium: Accepting and Defining the Winds of Change - The Cleveland Experience,ö presented by Elizabeth K. Balraj, M.D.
- Ohio Center for Law-Related Education, Eleventh Annual Law and Citizenship Conference, Columbus, Ohio, öTraumatic Loss, Our Communities and the Legal Systemö
- David Hadden, Psychology Intern, öBrief Grief Intervention Program,ö Internship October through December
- November:** Vivian Liu, Psychology Intern, öBrief Grief Intervention Program,ö Internship November through December
- Jonathan Bragg, Psychology Intern, öBrief Grief Intervention Program,ö Internship November through December
- December:** Lauren Cimperman, Psychology Intern, öBrief Grief Intervention Program,ö Internship December

Erica J. Wilson, M.D., Deputy Coroner:

- Prison Determent Program, East Cleveland Courthouse , öEmbaling Fluid is a Poison!ö
- Forensic PathologistsøFriday Conference, Cuyahoga County Coronerø Office
- öAnomalous Origin of Coronary Arteriesö
- öMultiple gunshot/shotgun Wounds in Suicidesö
- öDecubital Ulcersö
- öMass Disasters and Suicide Bombersö
- Lecturer, Institute of Pathology/University Hospitals, öSudden Natural Deathö

BOARD CERTIFICATION:

American Board of Pathology, Combined Anatomic and Clinical Pathology

Frank Miller, M.D., Deputy Coroner:

- April:** Institute of Pathology, Case Western Reserve University, öBlunt trauma and sharp force injuries.ö
- Ohio Cytology Society and The Histology Society of Ohio, Combined Symposium, Cleveland, Ohio, “*Trauma due to blunt force and sharp force injuries.*”

2001 LECTURES GIVEN BY MEMBERS OF THE STAFF (continued)

Frank Miller, M.D., Deputy Coroner:

May: Midwest Association for Toxicology and Therapeutic Drug Monitoring Annual Meeting, Royal Oak, Michigan, "Medical Examiner's Case Forum."

Demonstration Autopsies:

April: Meridia School of EMS (2 groups)

May: Parma Hospital EMS School

June: University Hospital Radiology

August: Sanford Brown Sonography

September: Remington Collage, öSanford Brown Sonography.ö

October: Meridia School of EMS, Cleveland Institute of Medical and Dental Assisting.

November: Sanford Brown Sonography

George Geletka, Administrative Assistant:

February: Harvest For Hunger

March: Court Psychiatric Services, Tour and Lecture

University Hospital Development Office. Tour and Lecture.

American Red Cross, Tour and Lecture

Hocking City Coroner, Tour and Lecture

April: Polaris High School, Tour and Lecture

Central Services, Tour and Lecture

May: Case Western Reserve University, 20 students, Tour and Lecture

Parma Senior High School, Lecture and Classes

2001 LECTURES GIVEN BY MEMBERS OF THE STAFF (continued)

George Geletka, Administrative Assistant: (continued)

- May:** Channel 43, Tour and Lecture
North Coast Polytech, Tour and Lecture
- June:** North Coast Christian School, 30 students, Tour and Lecture
- July:** Applewood Community Center, 30 students, Tour and Lecture
- September:** Case Western Reserve Law School, 25 students, Tour and Lecture
- October:** Case Western Reserve Law School. 25 students, Tour and Lecture
Midnight Basketball (30), Lecture and Slide Presentation.
Ohio State Funeral Directors (50), Tour and Lecture
- December:** Cleveland Police Historical Society (20) Tour and Lecture

James Wentzel, Photography Department Supervisor:

- October:** *The State of Ohio vs Lamont Clark and other Computer Reconstructions.* Slide presentation, lecture and tour for students of Evidence Class at the University of Akron Law School; Akron, Ohio
- November:** *Forensic Photography at the Coroner's Office.* Lecture(s) and tour(s) to science students from Independence High School.
- December:** *Digital Imaging and Forensic Photography.* Slide presentation, lecture and tour for Photography students at Lakeland Community College.

Photography Interns for 2001

- January - May:** Blythe Pavone, Cuyahoga Community College (Western Campus), Parma, Ohio
- July - December:** Sandy Kral, Cuyahoga Community College (Western Campus), Parma, Ohio

Trace Evidence Department College Interns:

- June:** Angela Jackson - Intern, Ohio University-Zanesville
Ashley Brown - Intern, Jane Adams Business Career Center

2001 LECTURES GIVEN BY MEMBERS OF THE STAFF (continued)

Trace Evidence Department College Interns (continued)

June - September: Shauna Lohr - Intern, Lawrence University, Appleton, Wisconsin

June - August Dawn Schilens - Intern, Defiance College

Trace Evidence Department, Shadowing Experiences During Year 2001

March: Katie Bode - visiting student from Fairview Park High School

April: Angela Kormos - visiting student from Shiloh Middle School

Kelly Burk - visiting student from Strongsville High School

Kristen Joyner - visiting student from Beaumont High School

May - June: Karonda Harris - visiting student from Martin Luther King High School

June - September Colleen Crow - visiting student from University of Dayton

June: Tara Price - visiting student from Cleveland State University

November: Pooja Mehta - visiting student from Midpark High School

Janis Barkiewicz - visiting student from Berea High School

Katie Porter - visiting student from Berea High School

Ronald L. Cechner, Ph.D. Computer Department Consultant:

Lectures given at Case Western Reserve University departments of Anesthesiology, Dentistry and Biomedical Engineering

Local anesthetics in dentistry, pharmacodynamics, pharmacokinetics and toxicity

Physiology, biochemistry and pharmacology of anesthesia, anesthetic agents and practices I (28 lectures)

Applied science in anesthesia, subspecialty considerations (26 lectures)

Advanced topics in anesthesia (22 lectures)

Instrumentation in the practice of anesthesia (36 lectures)

Physiology and biophysics in biomedical engineering (26 lectures)

2001 LECTURES GIVEN BY MEMBERS OF THE STAFF (continued)

Amy M. Riley, B.S., Trace Evidence:

February: Cuyahoga Community College Police Academy, "Proper Trace Evidence Collection and Analysis", Cuyahoga County Coroner's Office, Cleveland, Ohio

May: North Coast Polytechnic Institute: Law Enforcement , "Evidence Collection and Tour", Cuyahoga County Coroner's Office, Cleveland, Ohio

June: North Coast Christian Academy , "Trace Evidence / DNA", Cuyahoga County Coroner's Office, Cleveland, Ohio

Health Museum of Cleveland , "Trace Evidence / DNA", Cleveland, Ohio

August: Cuyahoga Community College Police Academy , "Proper Trace Evidence Collection and Analysis", Cuyahoga County Coroner's Office Cleveland, Ohio

October: Case Western University School of Law , "Trace Evidence / DNA", Cuyahoga County Coroner's Office Cleveland, Ohio

October and November: Independence High School , "Trace Evidence and Tour", Cuyahoga County Coroner's Office Cleveland, Ohio (4)

Kathy Spinos, Purchasing:

January: Greater Love Full Gospel Church, Tour.

2001 PUBLICATIONS BY MEMBERS AND ASSOCIATES OF THE STAFF

Jenkins, A.J.: *Drug contamination of US paper currency.* Forensic Sci. Int. **121**: 189-193 (2001).

Merrick, T.C., Felo, J.A., and Jenkins, A.J.: *Tissue distribution of olanzapine in a postmortem case.* Amer. J. Forensic Med. Pathol. **22 (3)**: 270-274 (2001).

Smith, M.L., Shimomura, E.T., Summers, J., Paul, B.D., **Jenkins, A.J.**, Darwin, W.D., and Cone, E.J.: Urinary excretion profiles for total morphine, free morphine and 6-acetylmorphine following smoked and intravenous heroin. J. Anal. Toxicol. **25 (7)**: 504-514 (2001).

Engelhart, D.E. and Jenkins, A.J.: *Evaluation of an on-site alcohol testing device for use in postmortem forensic toxicology.* J. Anal. Toxicol. **25 (7)**: 612-615 (2001).

Jufer, R.A., and **Jenkins, A.J.:** *Opioids. In Drug-Facilitated Sexual Assault A Forensic Handbook.* Marc A. LeBeau and Ashraf Mozayani eds. 2001 Academic Press, London, England/San Diego, CA, U.S.A.

Lovejoy CO; Heiple KG; Meindl RS. *Did our ancestors knuckle-walk?* NATURE vol. **410**, no. 6826 (2001 Mar 15): 325-6.

Lovejoy, C.O. 2001 *Hominid brain expansion and reproductive success.* Behavioral and Brain Sci. 24:290.

Rosenman, B., C.O. **Lovejoy**, and M.A. McCollum. 2002 *Development of the vertebral column. In: Human Skeletal Anatomy for Students of Chiropractic and Other Clinical Professions,* by R. Walker, C.O. **Lovejoy**, M.E. Bedford, and W. C. Yee. F.A. Davis, Philadelphia, pp 53-80.

R.S. Meindl, K.F. Russell, C.O. **Lovejoy**, and D. Ubelaker. *The implications of developmental anatomy for paleodemography: comparisons of the pubic symphysis and the auricular surface, with new auricular standards from the Terry Collection.* 2001. XI Coloquio Internacional de Antropología Física, p. 49. =Asociación Mexicana de Antropología Biológica, (AMAB) ðJuan Comasö Orizaba, Mexico.

Reno, PL, Kriz, MA, McCollum, MA, and **Lovejoy CO.** 2002 *Scanning electron microscopic analysis of regional histomorphological variation within the physis of the primate proxi-mal femur.* Am. J. Phys. Anthro., **117**: S34: 130

Kriz, MA, Reno, PL, and **Lovejoy, CO.** 2002 *Morphometric variation in proximal femo-ral development in primates and mammals.* Am. J. Phys. Anthro., **117**: S34: 97

Lovejoy, CO, Reno, PL, Kriz, BA, and Rosenman, BA. 2002 *Developmental field fluctuation: a potential basis for skeletal morphological variation.* Am. J. Phys. Anthro., **117**: S34: 104.

BOOK:

Walker, Robert, C.O. **Lovejoy**, , M.E. Bedford, and W.C. Yee. 2002 *Skeletal and Developmental Anatomy for Students of Chiropractic.* F.A. Davis, Philadelphia. 370 pp.

Harris, C.M., Patel, H., Baden, S.T. and **Simmelink, J.W.** *Root translucency: A simple, reliable method for human age estimations.* J Dent. Res 80: Abst. #1800, 2001

Piesco, N.P. and **Simmelink, J.W.** *Histology of Enamel.* In: Oral Development and Histology (3rd edit.) (ed. J. Avery), New York: Thieme Medical Publishers, pp153-171, 2001

Downes, K.A., **Wilson, E.**, Yomtovian, R. *Serial measurements of clotting factors in thawed plasma stored for 5 days.* Transfusion. 41, 570 (2001)

**THE 2001 CORONER'S STATISTICAL REPORT
HAS BEEN PREPARED BY:**

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