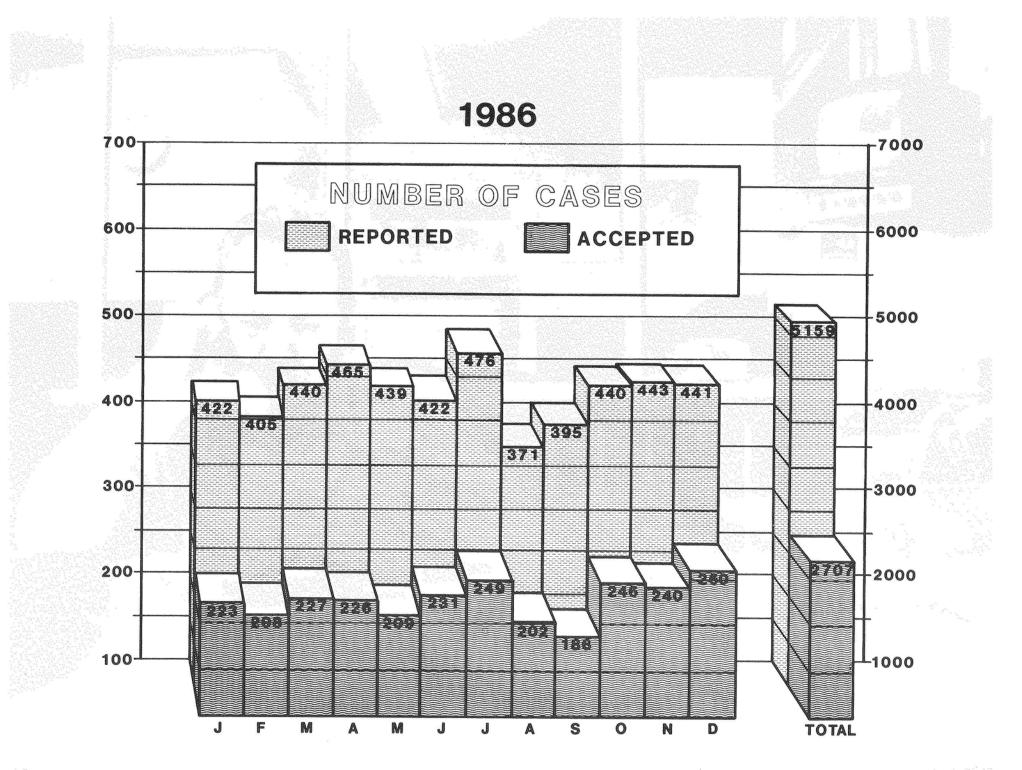


# COUNTY OF CUYAHOGA CORONER'S STATISTICAL REPORT

# 1986

# S. R. GERBER, M.D., J.D. CORONER 2121 ADELBERT RD., CLEVELAND, OHIO 44106



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

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# INTRODUCTION



# County of Cuyahoga

### S.R. Gerber, M.D. Coroner Continuity and consistency have been the hallmark of these annual reports which have been issued over a period of forty-eight years. Improvement of the format has also received attention by devoted staff members who have contributed their various talents to enhancement of specific features over the years. Thus, we have attempted to stimulate interest in casual perusal as well as scholarly study of the data. We believe that the innovative graphics in this report portray more effectively the general significance of the data. These reports have focused attention on the subject of Coroner's investigations with emphasis on certain aspects of the professional phases pertinent to the health, safety and welfare of the community. Implicit functions and expertise of other members of the Coroner's staff are essential to these emphasized aspects. Accordingly, this report is dedicated to them - the investigators, secretaries, clerical assistants. desk attendants and support personnel - in appreciation for their loyalty to this office and conscientious service to the public.

### FOREWARD

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-age-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  $\cdots$  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 RECORDS

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 medical 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 medical condition of a patient and that is generated and maintained in the process of medical 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 evidence 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 ambulance 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 sell 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 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 therefor, 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 recognizances 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 recognizances 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 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 the 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 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 provisions 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 of personal information contained in a 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)(2) 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 choise.

(C) An agency, upon request, shall disclose medical, psychiatric, or psychological information to a person who is the subject of the information or to his legal guardian, unless a physician, 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 maintained by the agency.

(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, to inspect or have copied, pursuant to section 149.43 of the Revised Code, a 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 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 a 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 coroner 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 is 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 proceeding 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 or-

ganized under the laws of this state, the purposes of which include obtaining, storing, and distributing corneas to be used for corneal transplants or other medical or medical 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 medical 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.S.C. 1, as amended.

(B) A county coroner who performs an autopsy pursuant to 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 medical research purposes;

(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 organization 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

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 child day-care 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 vears 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 dedepartment 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 department 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 the making of the reports, or anyone 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 or 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 implementation 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 official 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 be 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 subdivision 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 to dis-

closure 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 or 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.

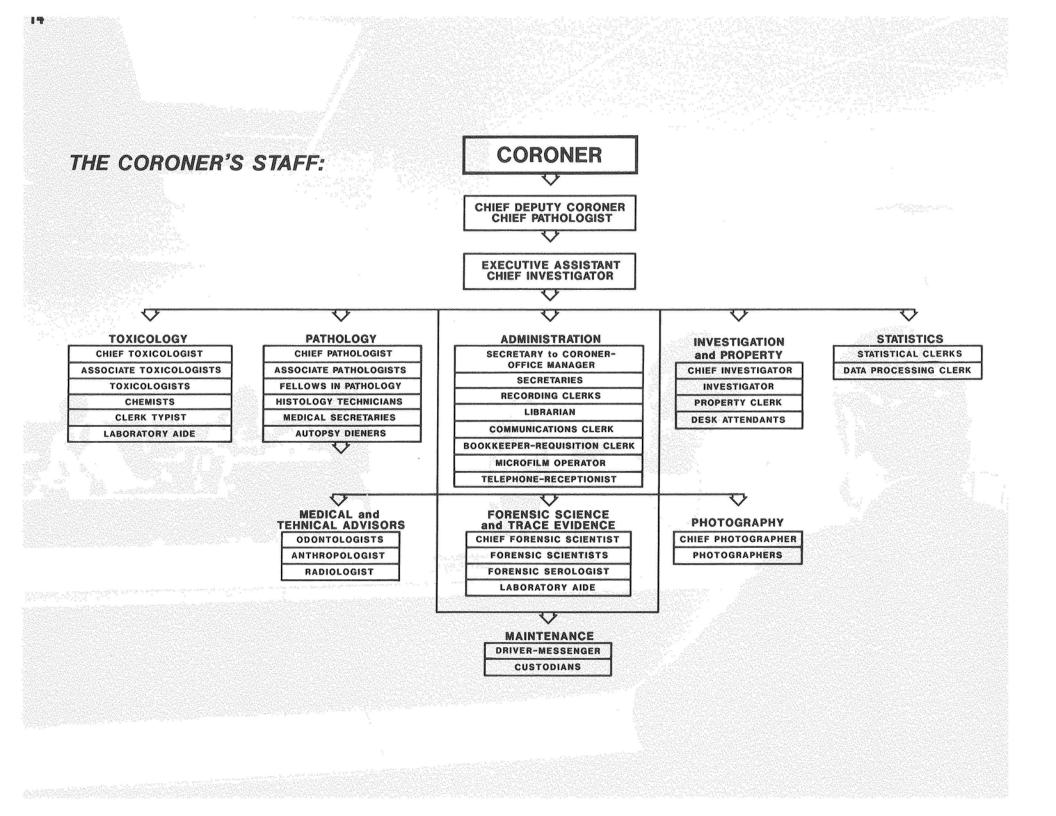
(G) Whoever violates division (A) or (B) of this section is guilty of failure to report a crime. Violation of division (A) of this section is a misdemeanor of the fourth degree. Violation of division (B) of this section is a misdemeanor of the second degree.

(H) Whoever violates division (C) or (D) of this section is guilty of failure to report knowledge of a death, a misdemeanor of the fourth degree.

#### WHO SIGNS THE DEATH CERTIFICATE?

Section 3705.27. The personal and statistical particulars in the certificate of death or stillbirth shall be obtained by the funeral director or other person in charge of interment or cremation from the best qualified persons or sources available. The statement of facts relating to the disposition of the body and information relative to the armed services referred to in section 3705.26 of the Revised Code shall be signed by the funeral director. The funeral director shall then present the certificate of death to the physician or coroner for certification of the cause of death. The medical certificate of death shall be made and signed by the physician who attended the deceased or by the coroner within forty-eight hours after death. The coroner may satisfy the requirement of signing a death certificate showing the cause of death as pending either by stamping it with a stamp of his signature or by signing it in his own hand, but he shall sign a certificate of death or supplementary medical certification in his own hand. If there is reason to believe that the death was caused by unlawful or suspicious means, the funeral director shall immediately notify the office of the coroner. The coroner

shall make inquiry, as provided by section 313.17 of the Revised Code, and make the medical certificate of death or stillbirth required for a burial permit, except as otherwise authorized by regulation of the public health council.



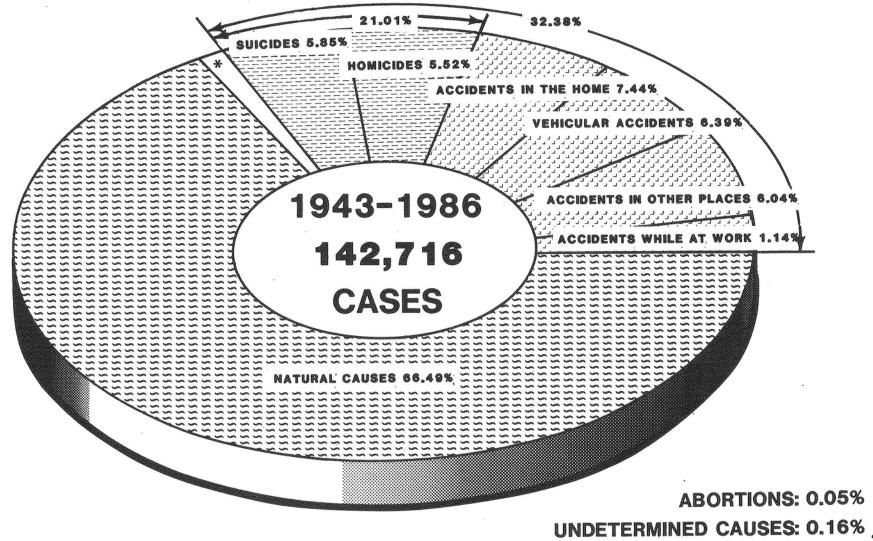
## THE CORONER'S STAFF

CORONER
ADMINISTRATION
Executive Assistant-Chief Investigator
Secretary to Coroner-Office Manager
Secretaries
Clerk Specialists
Librarian
Communications Clerk 1
Bookkeeper-Requisition Clerk
Microfilm Operator
Telephone Operator-Receptionist
Investigator-Property Clerks
Desk Attendants
Custodians
Driver-Messenger 1
ODONTOLOGY
Odontologist
Chief Deputy Coroner-Chief Pathologist 1
Deputy Coroner - Pathologists
Associate Pathologist
Fellow in Pathology1
Histology Technicians2
Medical Secretaries
Autopsy Dieners

ANTHROPOLOGY DEPARTMENT
Anthropologist
Chief Photographer 1
Photographers
Radiologist 1* (Technician-Autopsy Diener Included above) STATISTICAL DEPARTMENT
Statistical Clerks
Technical Typist
Chief Toxicologist1
Associate Toxicologist1
Toxicologists
Chemists
Technical Typist1
Laboratory Aide
FORENSIC SCIENCE AND TRACE EVIDENCE
Chief Forensic Scientist
Forensic Scientists
Forensic Serologist1
Laboratory Aide
TOTAL



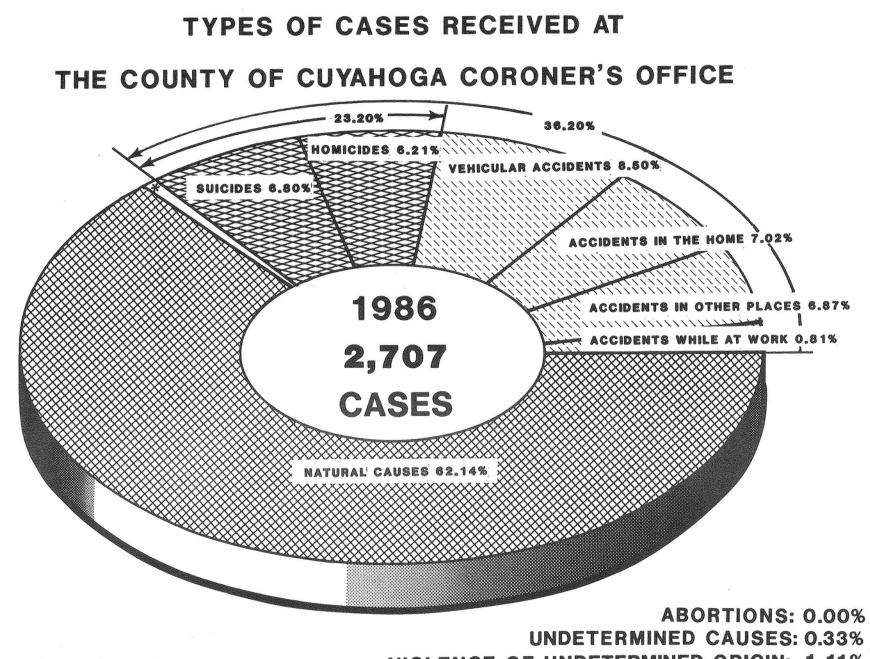
### TYPES OF CASES RECEIVED AT THE COUNTY OF CUYAHOGA CORONER'S OFFICE



VIOLENCE OF UNDETERMINED ORIGIN: 0.54%

S: 67.08% NEONATAL AND INTRA-UTERINE DEATHS: 0.38%

DEATHS FROM VIOLENCE: 32.92% DEATHS FROM NATURAL CAUSES: 67.08%

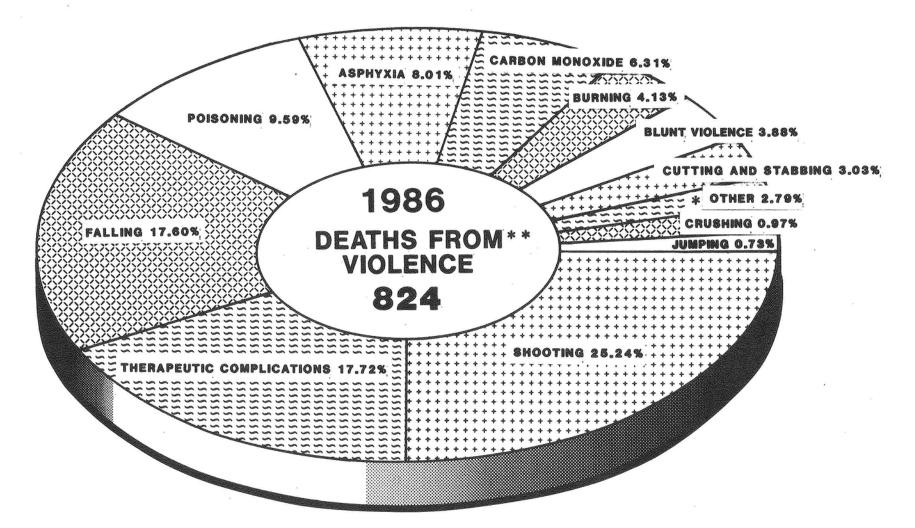


**DEATHS FROM VIOLENCE: 37.31% DEATHS FROM NATURAL CAUSES: 62.69%** 

UNDETERMINED CAUSES: 0.33% **VIOLENCE OF UNDETERMINED ORIGIN: 1.11% NEONATAL AND INTRA-UTERINE DEATHS: 0.22%** 

### FATALITIES RESULTING FROM VIOLENCE

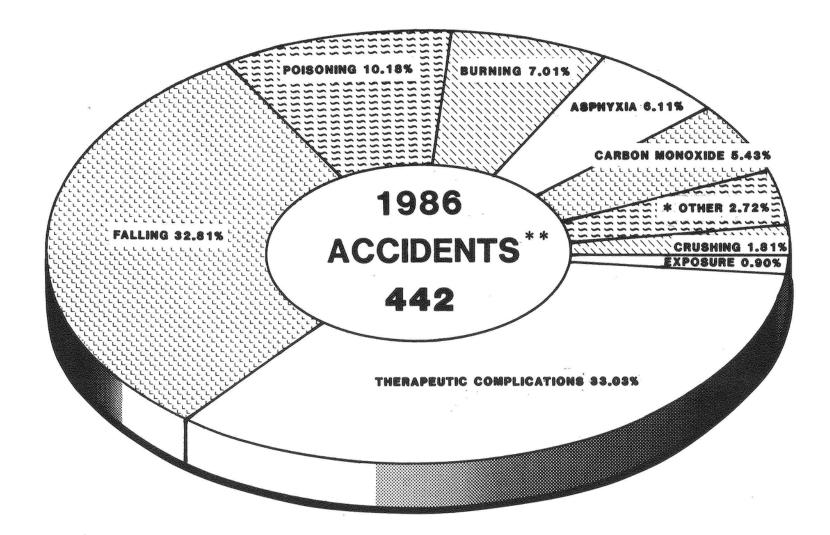
### **MODE OF OCCURRENCE 1986**



\* ARSON, CORONARY EPISODE DURING A FIRE, ELECTROCUTION, EXPLOSION, EXPOSURE, DRAGGED BY AUTO, PUSHED IN FRONT OF BUS, RUN OVER BY AUTO, STRUCK BY TRAIN AND UNDETERMINED.

\*\* EXCLUDING VEHICULAR ACCIDENTS

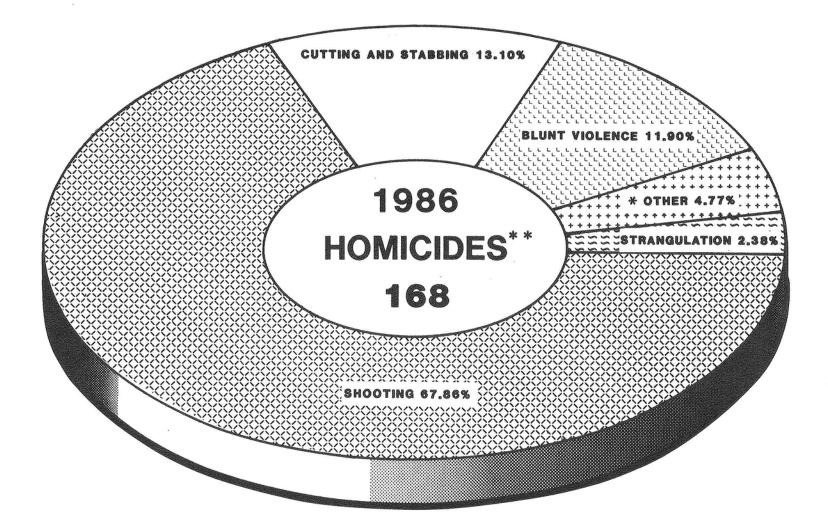
# FATALITIES RESULTING FROM ACCIDENTS MODE OF OCCURRENCE 1986



\*CORONARY EPISODE DURING A FIRE, ELECTROCUTION, EXPLOSION, STRUCK BY TRAIN, AND UNDETERMINED. \* \* EXCLUDES VEHICULAR FATALITIES.

### FATALITIES RESULTING FROM HOMICIDES

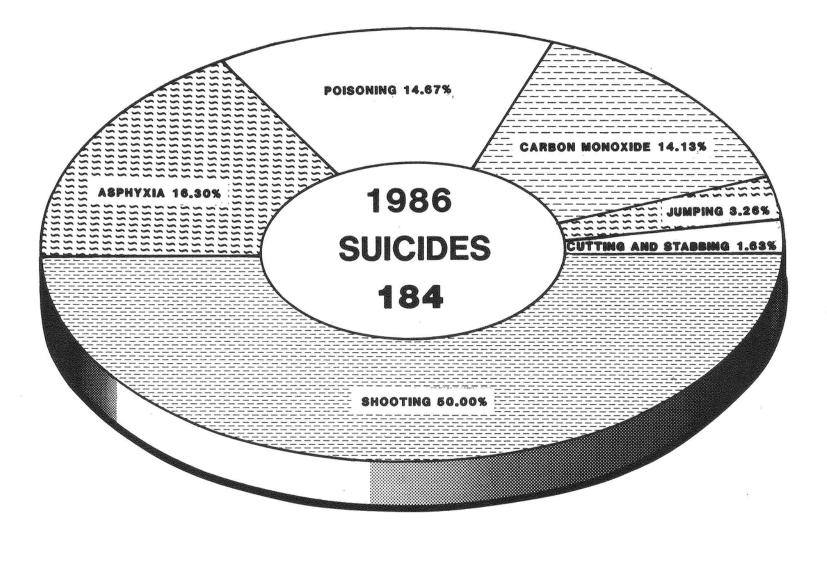
### **MODE OF OCCURRENCE 1986**



\* ARSON, BURNING, DRAGGED BY AUTO, PUSHED IN FRONT OF BUS, AND RUN OVER BY AUTO. \* \* EXCLUDING VEHICULAR ACCIDENTS.

### FATALITIES RESULTING FROM SUICIDES

### **MODE OF OCCURRENCE 1986**



### TYPES OF FATALITIES AND MISCELLANEOUS INFORMATION 1985 AND 1986

		ABLE A
	1985	1986
ACCIDENTS IN THE HOME	193	190
ACCIDENTS WHILE AT WORK	13	22
VEHICULAR ACCIDENTS	201	186
ACCIDENTS IN OTHER PLACES	201	230
HOMICIDES	186	168
SUICIDES	220	184
VIOLENCE OF UNDETERMINED ORIGIN	20	30
TOTAL VIOLENT DEATHS	1034	1010
NATURAL CAUSES	1737	1682
ABORTIONS	0	0
NEONATAL AND INTRA-UTERINE DEATHS	6	6
UNDETERMINED CAUSES	5	9
CASES REPORTED-ADMITTED	2782	2707
CASES REPORTED-NOT ADMITTED	2681	2452
AUTOPSIES (HOSPITAL INCLUDED)	1413*	1424**
AUTOPSIES(performed for other counties)	35	43
UNIDENTIFIED BODIES	3	4
UNIDENTIFIED FOETUSES	0	0
IDENTIFIED AND UNCLAIMED	44	36
DEATHS IN CUYAHOGA COUNTY	15,669	15,975
PERCENTAGE OF DEATHS ADMITTED	18%	17%

\* Includes 112 Autopsies performed at hospitals.

\*\* Includes 111 Autopsies performed at hospitals.

### TYPES OF FATALITIES - SEX, RACE, AUTOPSY

		S	EX	RACE ALE WHITE NON-WHITE		AUTOPSIED	% OF
*	TOTAL	MALE	FEMALE			CASES*	TOTAL
ACCIDENTS IN THE HOME	190	99	91	148	42	147	5,43
ACCIDENTS WHILE AT WORK	22	21	1	19	.3	23	0.85
VEHICULAR ACCIDENTS	186	136	50	146	40	185	6.83
ACCIDENTS IN OTHER PLACES	230	122	108	186	44	145	5.36
HOMICIDES	168	134	34	48	120	170	6.28
SUICIDES	184	133	51	150	34	182	6.72
VIOLENCE OF UNDETERMINED ORIGIN	30	22	8	12	18	28	1.03
NATURAL CAUSES	1682	1062	620	1102	580	530	19,58
ABORTIONS	0				×		
NEONATAL AND INTRA-UTERINE DEATHS	6	1	5	4	2	5	0.18
UNDETERMINED CAUSES	9	.7	2	4	5	9	0.33
GRAND TOTAL	2707	1737	970	1819	88	1424	52,60

\* Includes 111 autopsies performed at hospitals.

TABLE B

### TYPES OF FATALITIES - 1985 AND 1986 INCIDENCE COMPARED

TADIEO

		IABLE C
	PERCENTAGE OF TO	OTAL CASES ADMITTED
	1985	1986
ACCIDENTS IN THE HOME	6.94	7.02
ACCIDENTS WHILE AT WORK	0.47	0.81
VEHICULAR ACCIDENTS	7.23	8.50
ACCIDENTS IN OTHER PLACES	7.23	6.87
HOMICIDES	6.69	6.21
SUICIDES	7.91	6.80
VIOLENCE OF UNDETERMINED ORIGIN	0.72	1.11
TOTAL OF VIOLENT DEATHS	37.17	37.31
NATURAL CAUSES	62.44	62.14
ABORTIONS	0.00	0.00
NEONATAL AND INTRA-UTERINE DEATHS	0.22	0.22
UNDETERMINED CAUSES	0.18	0.33

### TYPES OF FATALITIES - ALCOHOL INCIDENCE

TABLED

				And the second	
	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	190	121	63.68	26	21.49
ACCIDENTS WHILE AT WORK	22	14	63.64	1	7.14
VEHICULAR ACCIDENTS	186	144	77.42	77	53.47
ACCIDENTS IN OTHER PLACES	230	56	24.35	12	21.43
TOTAL	628	335	53,34	116	34.63
HOMICIDES	168	158	94.05	69	43.67
SUICIDES	184	179	97,28	52	29.05
VIOLENCE OF UNDETERMINED ORIGIN	30	24	80,00	7	29.17
TOTAL	1010	696	68.91	244	35.06
NATURAL CAUSES	1682	1369	81.39	98	7.16
ABORTIONS	0				
UNDETERMINED CAUSES	9	8	88.89	5	62.50

### VEHICULAR FATALITIES DAILY ALCOHOL INCIDENCE

	MOTORCYCLIST(1)		DRIVER (2)		PASSENGER (3)		PEDES	TRIAN (4)	TOTAL		
	NUMBER OF CASES		NUMBER OF CASES		NUMBER	OF CASES	NUMBER	OF CASES	NUMBER OF CASES		
DAY	TESTED	POSITIVE	TESTED	POSITIVE	TESTED	POSITIVE	TESTED	POSITIVE	TESTED	POSITIVE	
SUNDAY	5	1	13	10	6	3	1	1	25	15	
MONDAY	2		3	1	<u>,4</u>	4	2	1	11	6	
TUESDAY	2	1	7	5	1	1	6	1	16	8	
WEDNESDAY	2	1	5	3	5	2	2	1	14	7	
THURSDAY	4	2	12	7	1	1	6	1	23	11	
FRIDAY	3		12	7	7	3	5	3	27	13	
SATURDAY	7	2	11	9	6	-3	4	3	28	17	
TOTAL	25	7	63	42	30	17	26	11	144	77	

(1) SEE TABLE 59 - A

(2) SEE TABLES 58 AND 59

(3) SEE TABLE 60

(4) SEE TABLE 61

TABLEE

### SUMMARY CHART

### DISTRIBUTION OF SELECTED CORONER'S CASES IN EACH MUNICIPALITY

### **COUNTY OF CUYAHOGA**

	TOTAL INSIDE CASES		NATURAL CAUSES		HOME, WORK AND OTHER FATALITIES		VEHICULAR FATALITIES		HOMICIDE		SUICIDE			
CITIES	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	. 1570	58.00	947	60.32	288	18.34	85	5.41	136	8,66	79	5.03		
Bay Village	6	0.22	2	33,33	2	33.33					2	33.33		
Beachwood	13	0.48	7	53.85	3	23.08	ĺ			I	3	23.08		
Bedford	25	0,92	20	80.00	1	4.00	1	4.00	1	4.00	2	8.00		
Bedford Heights	13	0.48	6	46.15	3	23.08	2	15.38			2	15.38		
Berea	14	0,52	5	35.71	3	21.43	1	7.14	1	7.14	4	28.57		
Brecksville	11	0.41	2	18.18	3	27.27	2	18.18	2	18,18	1	9.09		
Broadview Heights	10	0.37	2	20.00	3	30.00	4	40.00			1	10.00		
Brooklyn	6	0.22	4	66.67			1	16.67			1	16.67		
Brook Park	12	0.44	6	50.00			1	8.33			5	41.67		
Cleveland Heights	42	1.55	27	64.29	3	7.14	2	4.76	4	9,52	6	14.29		
East Cleveland	114	4.21	91	79.82	12	10.53	1	0.88	8 .	7.02	1	0.88		
Euclid	97	3.58	75	77.32	16	16.49	3	3.09	1	1.03	2	2.06		
Fairview Park	14	0.52	5	35.71	1	7.14	3	21.43			5	35.71		
Garfield Heights	62	2.29	51	82.26	5	8.06	1	1.61	1	1.61	4	6.45		
Highland Heights	4	0.15	1	25.00			1	25.00	1	25.00	1	25.00		
Independence	13	0.48	5	38.46	1	7.69	3	23,08	1	7.69	3	23.08		
Lakewood	66	2.44	45	68.18	12	18.18	2	3.03		1.52	5	7.58		
Lyndhurst	11	0.41	5	45.45	1	9.09	1	9.09		9.09	3	27.27		
Maple Heights	12	0.44	9	75.00	3	25.00				5.05		41641		
Mayfield Heights	55	2.03	45	81.82	3	5.45	4	7.27			3	5.45		
Middleburg Heights	56	2.07	47	83.93	4	7.14	2	3.57	1	1.79	2	3.57		
North Olmsted	16	0.59	11	68.75	1	6.25	2	12.50			1	6.25		
North Royalton	9	0.33	7	77.78	1	11.11					1	11.11		
Olmsted Falls	6	0,22	4	66.67	1	16.67						16.67		
Parma	116	4.29	87	75.00	12	10,34	4	3.45		Î	10	8.62		
Parma Heights	7	0.26	3	42.86	4	57.14								
Pepper Pike	4	0.15			1	25,00				i	3	75.00		
Richmond Heights	14	0.52	13	92.86	1	7.14		1						
Rocky River	10	0.37	6	60,00	3	30.00	1	10.00				ana ana amin'ny sorana ara-daharana ara-		
Seven Hills	11	0.41	4	36.36	2	18.18	1	9.09		tenti a piren futi churato de résulta de tentes	4	36.36		
Shaker Heights	20	0.74	12	60.00	2	10,00	1	5.00	2	10.00	3	15.00		
Solon	22	0,81	19	86.36	1	4,55	1	4.55			1	4.55		
South Euclid	8	0.30	4	50.00	2	25,00	2	25.00						
Strongsville	17	0,63	5	29.41	1	5.88	2	11.76			9	52,94		
University Heights	4	0.15	2	50.00				1	1	25.00	1	25,00		
Warrensville Heights	63	2,33	57	90.48	3	4.76	1	1.59	1	1.59				
Westlake	44	1.63	32	72.73	6	13.64	Î			l l	5	11.36		

Not included in statistics are Violence of Undetermined Origin, Undetermined Causes, Out of County Deaths and Live Birth and Foetal Deaths.

TARLEE

### SUMMARY CHART

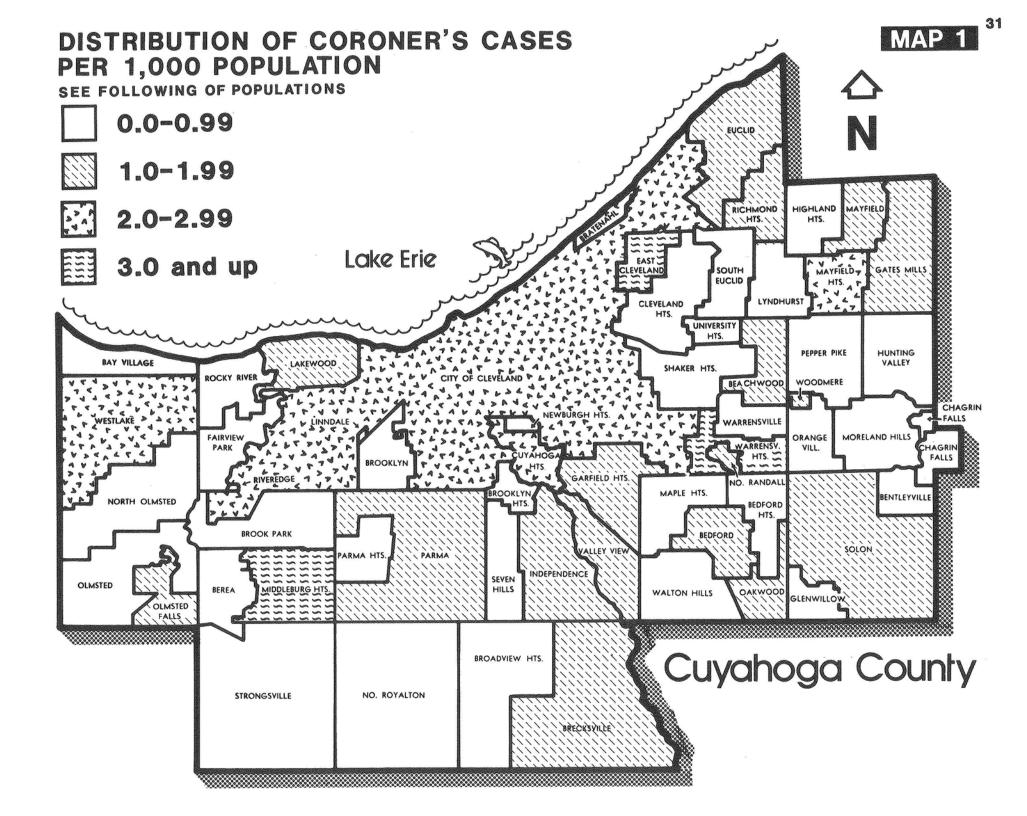
### DISTRIBUTION OF SELECTED CORONER'S CASES IN EACH MUNICIPALITY

### **COUNTY OF CUYAHOGA**

TABLE E cont

											LE F CONL		
	TOTAL INSIDE CASES		NATURAL CAUSES		HOME, WORK AND OTHER FATALITIES		VEHICULAR FATALITIES		HOMICIDE		SUICIDE		
VILLAGES AND TOWNSHIPS	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	
VILLAGES:													
Bentleyville	0												
Bratenahl	4	0.15					3	75.00			1	25.00	
Brooklyn Heights	0												
Chagrin Falls	1	0.04		1							1	100.00	
Cuyahoga Heights	2	0.07			1	50.00	1	50.00					
Gates Mills	3	0.11	1	33.00			2	67.00					
Glenwillow	0												
Hunting Valley	0												
Linndale	0											·	
Mayfield	5	0,18	1	20,00			1	20.00			3	60.00	
Moreland Hills	0											L	
Newburg Heights	2	0.07			1	50.00	1	50.00					
North Randall	2	0.07	1	50.00							1	. 50.00	
Oakwood	5	0.18	3	60.00					1	20.00	1	20.00	
Orange	0											<u> </u>	
Valley View	3	0.11			1	33.00	2	67.00				<u> </u>	
Walton Hills	2	0.07			1	50.00			1	50.00			
Woodmere	1	0.04			And an an and an and an and an and an and						1	100.00	
TOWNSHIPS:													
Chagrin Falls	0							de chomos automatica de la companya	earris and a second second second second	autoconstances and a second			
Olmsted	2	0.07	1	50.00	1	50.00							
Riveredge	0								angan sa				
Warrensville	6	0.22	2	33.33	2	33.33	1	16.67					
TURNPIKE IN COUNTY	0												

Not included in statistics are Violence of Undetermined Origin, Undetermined Causes, Out of County Deaths and Live Birth and Foetal Deaths.





## POPULATION OF CUYAHOGA COUNTY BY CITIES, VILLAGES AND TOWNSHIPS (1980 CENSUS)

#### CITIES

CLEVELAND 573,822
Bay Village
Beachwood
Bedford
Bedford Heights 13,214
Berea
Brecksville
Broadview Heights 10,920
Brooklyn
Brook Park
Cleveland Heights
East Cleveland
Euclid
Fairview Park
Garfield Heights
Highland Heights
Independence
Lakewood
Lyndhurst
Maple Heights 29,735
Mayfield Heights

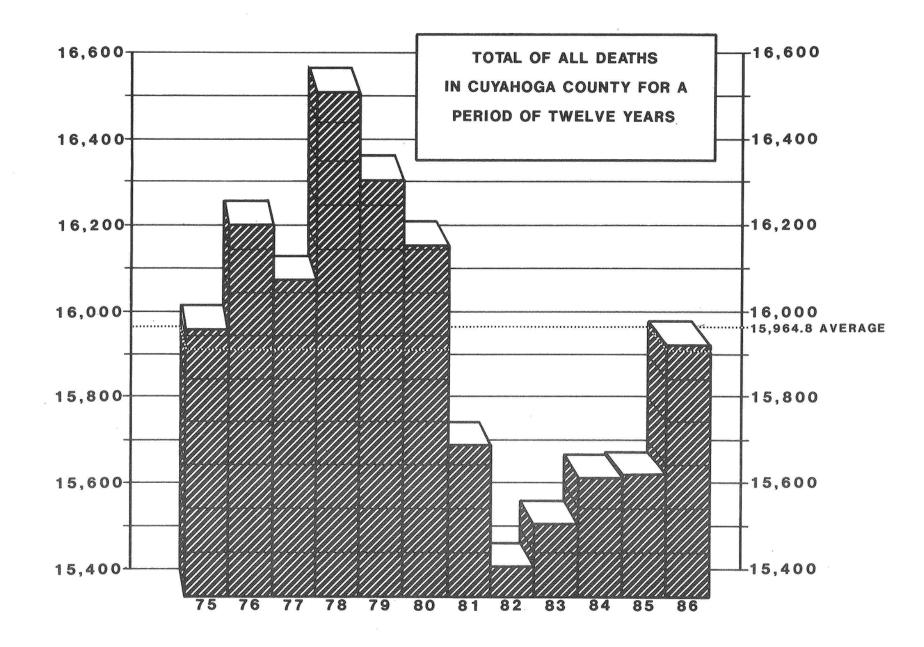
Middleburg Heights 16,218	3
North Olmsted	õ
North Royalton 17,671	
Olmsted Falls	3
Parma	3
Parma Heights	
Pepper Pike	
Richmond Heights 10,095	5
Rocky River	
Seven Hills 13,650	
Shaker Heights 32,487	
Solon	
South Euclid	
Strongsville	
University Heights 15,401	
Warrensville Heights 16,565	5
Westlake	\$
VILLAGES	
Bentleyville	
Bratenahl	,
Brooklyn Heights	;

#### POPULATION OF CUYAHOGA COUNTY 1,498,400

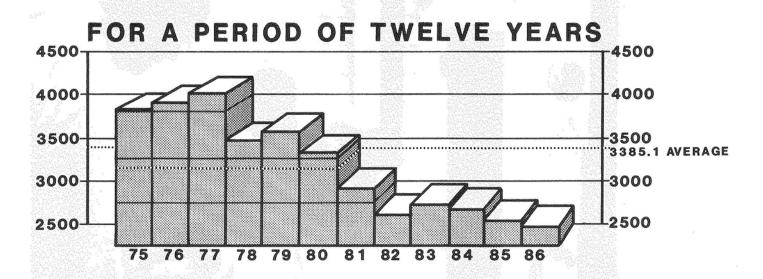
Chagrin Falls4	,335
Cuyahoga Heights	739
Gates Mills 2	,236
Glenwillow	492
Hunting Valley	
Linndale	129
Mayfield	,577
Moreland Hills	,083
Newburgh Heights2	678
North Randall	,054
Oakwood3	786
Orange	376
Valley View	
Walton Hills	
Woodmere	

#### TOWNSHIPS

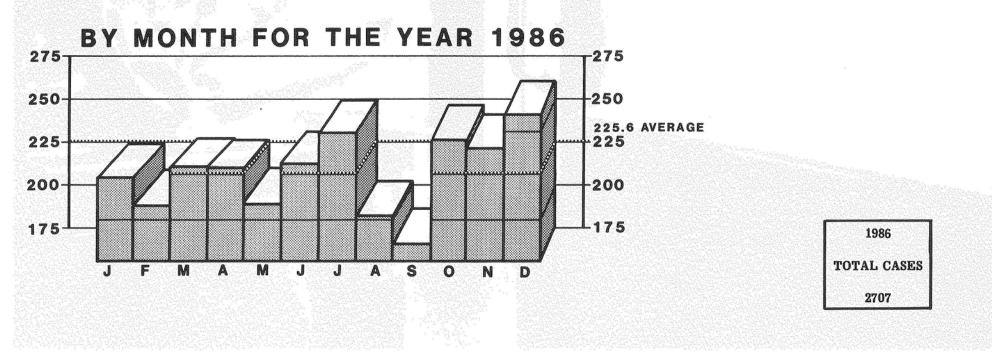
Chagrin 1	F	a	11	s	•	•				0	0	0	0	8			0	136
Olmsted	0		•	•	•	•	•	•	•	•		0	•	•	•	•	6	,976
Riveredg	e	•	0	•		•				0	0	0	0	é	0	•	•	477
Warrensv	i	11	e	0		0	•		•		•		•	•	•		1,	640



# SUMMARY OF CORONER'S CASES



1975 — 1986
TOTAL CASES
40,621



### SUMMARY OF ALL FATALITIES BY TYPE,

## LOCATION WITH MISCELLANEOUS DATA

					•	TA	BLE 1
	C	OUNTY					
TYPE OF FATALITY	CLEVELAND	OTHER CITIES	REST OF COUNTY	OUT OF COUNTY	TOTAL	MISCELLANEOUS	TOTAL
ACCIDENTS IN THE HOME	99	73	1	17	190	CASES REPORTED - NOT ADMITTED	2452
ACCIDENTS WHILE AT WORK	7	7	3	5	22	AUTOPSIES **	1424
VEHICULAR ACCIDENTS *	85	50	11	-40	186	AUTOPSIES(performed for other counties)	43
ACCIDENTS IN OTHER PLACES	182	40	3	5	230	UNIDENTIFIED BODIES	4
HOMICIDES	136	27	2	.3	168	UNIDENTIFIED FOETUSES	0
SUICIDES	79	95	8	2	184	IDENTIFIED AND UNCLAIMED BODIES	36
VIOLENCE OF UNDETERMINED ORIGIN	25	5	0	0	30	DEATHS IN CUYAHOGA COUNTY***	15,975
TOTAL VIOLENT DEATHS	613	297	28	72	1010		
NATURAL CAUSES	947	726	9	0	1682		
NEONATAL & INTRA-UTERINE DEATH	4	2			6		
ABORTIONS					0		
UNDETERMINED CAUSES	6	2	1	0	9		
TOTAL CASES REPORTED AND ADMITTED	1570	1027	.38	72	2707		

\* Vehicular Accidents, Summary Tables 1,2,4,6, and 8 are tabulated by date of death reflecting fatalities received in 1986.

\*\* Includes 111 autopsies performed at hospitals.

Rest of County includes Turnpikes, Villages and Townships.

\*\*\* Resident deaths.

## TOTAL CASES BY MONTH AND TYPE OF FATALITY

																									TA	B	_E 2
	JA	۸N.	FI	EB.	M	AR.	AP	RIL	M	AY	л	NE	JU	LY	A	JG.	SE	PT.	00	ст.	NC	ov.	DI	EC.	TO	<b>FAL</b>	GRAND
TYPE OF FATALITY	М	F	М	F	M	F	М	F	M	F	М	F	М	F	М	F	M	F	М	F	М	F	M	F	М	F	TOTAL
ACCIDENTS IN THE HOME	6	5	8	12	9	13	7	9	5	10	8	10	6	4	5	6	5	3	15	5	14	7	11	7	99	91	190
ACCIDENTS WHILE AT WORK	1				1		2		1		2		1		3		2	1	4		3		1		21	1	22
VEHICULAR ACCIDENTS	11	5	2	2	3	3	7	6	9	4	14	3	9	3	14	7	24	3	17	3	9	5	17	6	136	50	186
ACCIDENTS IN OTHER PLACES	7	12	9	7	9	9	7	9	13	8	15	13	12	11	4	5	11	7	12	9	8	6	15	12	122	108	230
HOMICIDE	11	4	10	2	6	2	8	5	10	2	14	8	12	1	12	2	14	1	13	3	10	1	14	3	134	34	168
SUICIDE	11	6	8	3	14	4	14	4	14	4	10	4	17	6	7	2	7	2	13	2	6	7	12	7	133	51	184
VIOLENCE OF UNDETERMINED ORIGIN	2		5	1	2	2	3			1	3		2		1	2	1	1					3	1	22	8	30
NATURAL CAUSES	93	49	89	50	93	56	81	6.4	89	38	81	42	97	68	89	41	65	39	88	62	102	58	95	53	1062	620	1682
ABORTIONS																											0
NEONATAL AND INTRA-UTERINE DEATHS	1											2			1							2		1	1	5	6
UNDETERMINED CAUSES					1				1		2				1						2			2	7	2	9
GRAND TOTAL	142	81	131	77	138	89	129	97	142	67	149	82	1,56	93	137	65	129	57	162	84	154	86	168	92	1737	970	2707

## AUTOPSIES BY MONTH AND TYPE OF FATALITY

																								1	TA	B	LE 3
	J	AN.	FI	EB.	M	AR.	AP	RIL	MA	¥Υ	JU	INE	JU	LY	AL	JG.	SE	PT.	00	CT.	N	ov.	DI	EC.	TO	FAL	GRAND
TYPE OF FATALITY	М	F	M	F	м	F	M	F	М	F	М	F	М	F	М	F	M	F	M	F	М	F	М	F	М	F	TOTAL
ACCIDENTS IN THE HOME	5	3	6	4	7	9	6	6	4	9	8	3	5	3	5	4	5	2	14	4	12	2	9	5	86	54	140
ACCIDENTS WHILE AT WORK	1				1		2		1		.2		1		.3		1	1	.3		3		1		19	1	20
VEHICULAR ACCIDENTS	11	5	2	2	.3	3	7	6	8	4	14	3	9	3	14	7	24	3	17	3	9	5	17	6	135	50	185
ACCIDENTS IN OTHER PLACES	4	1	3	1	3	2	2	1	.3	2	7	2	7	4	-4	1	4	1	9	3	2	2	3	2	51	22	73
HOMICIDE	12	4	9	2	7	.3	8	4	10	3	14	8	11	1	13	2	13	. 1	14	3	10	1	14	3	135	35	170
SUICIDE	10	6	9	3	14	4	13	4	15	3	10	4	17	6	7	2	7	2	13	2	6	7	11	7	132	50	182
VIOLENCE OF UNDETERMINED ORIGIN	2		4		3	1	2				.3		2		1	2	1	1					3	1	21	5	26
NATURAL CAUSES	38	11	35	12	26	15	25	17	34	9	27	11	35	13	21	17	25	9	22	11	31	16	30	13	349	154	503
ABORTIONS																											0
NEONATAL AND INTRA-UTERINE DEATHS	T							******				1		1	1							2			1	4	5
UNDETERMINED CAUSES					1				1		2				1						2			2	7	2	9
GRAND TOTAL	83	30	68	24	65	37	65	38	76	30	87	32	87	31	70	35	80	20	92	26	75	35	88	39	936	377	1313

## TOTAL CASES BY AGE GROUPS AND TYPE OF FATALITY

																																				T			<b>E 4</b>
TYPE OF FATALITY	Un 1 Y	der ear	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	то	TAL	GRAND TOTAL
	М	F	M	F	M	F	М	F	М	F	М	F	M	F	м	F	М	F	M	F	М	F	М	F	M	F	М	F	М	F	M	F	м	F	М	F	М	F	TOTAL
ACCIDENTS:					Γ																																		
IN THE HOME	1	1	6	3	4	1		1	2	2	1	3	4	1	9	1	8	3	3	2	2	3	3	3	11	3	7	2	5	8	6	6	11	13	16	35	99	91	190
WHILE AT WORK		-	Γ		Γ				1		3		2	1	2		1		2		1		2		1		5				1						21	1	22
VEHICULAR	1	1	2	2	1		4	1	10	7	.35	8	26	6	13	3	14	2	4	1	5	2	1		4	1	6	3	2	3	4	5	2	3	3	2	136	50	186
IN OTHER PLACES	7	3	1	2	2		2		3	2	2		8	3	3	1	6	3	4	4	9	2	5	5	5	4	15	12	20	17	12	11	8	13	10	26	122	108	230
HOMICIDE	1	1	3	ŀ	Ι		1	1	11	1	20	.4	30	11	20	4	13	3	1		7		5	1	7		4	3	6	1	3	3	1		1	1	134	34	168
SUICIDE			Γ		Ι		. 1		5	1	20	3	14	6	15	5	14	5	8	3	9	3	1	2	10	5	7	7	7	4	8	4	.5	1	9	2	133	51	184
VIOLENCE OF UNDETERMINED ORIGIN		1	1		Γ		1						6		1		3		2	1	1		1	2	2	2	3	5			1	1		1			22	8	30
NATURAL CAUSES	35	20	3	3	4			1	4	1	7	6	15	3	26	6	32	16	46	10	50	24	69	24	116	46	160	68	151	91	130	78	81	86	133	137	1062	620	1682
ABORTIONS	1		Γ		Γ		1																		-														0
NEONATAL AND INTRA- UTERINE DEATHS	1	5																																			1	5	6
UNDETERMINED CAUSES			1					1					2		1		1		2					1													7	2	9
GRAND TOTAL	45	32	17	10	11	1	9	5	36	14	88	24	107	31	90	20	92	32	72	21	84	34	87	38	156	61	207	95	191	124	165	108	108	117	172	203	1737	970	2707

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## AUTOPSIES BY AGE GROUPS AND TYPE OF FATALITY

			-						generative	C	-	-									- De Arabert																A	31	E 5
TYPE OF FATALITY		der Tear	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	- 7	9 80	-ovei	тс	TAL	GRAND TOTAL
	М	F	M	F	M	F	M	F	M	F	M	F	М	F	M	F	M	F	М	F	М	F	M	F	M	F	M	F	M	F	M	F	М	F	M	F	M	F	IOTAL
ACCIDENTS:																																						Γ	
IN THE HOME	1	1	6	2	4	1		1	2	.2	2	3	4	1	9	1	8	3	3	1	2	2	3	3	11	3	7	1	4	. 7	5	3	8	6	5 7	13	86	54	140
WHILE AT WORK									1		3		1	1	2		2		2		1		2				4				1	T	Γ	Τ	T	T	19	1	20
VEHICULAR		1	2	2	1		4	1	10	7	35	8	26	6	13	3	14	2	4	1	5	2	1		4	1	6	3	2	.3	4	5	1	3	3 3	2	135	50	185
IN OTHER PLACES			1	1	1		2		3	1	2		7	2	3		4	3	4	3	3		2	1	2		2	3	8	4	2	1	1	1	4	2	51	21	73
HOMICIDE	1	1	3				1	1	11	1	20	4	30	11	20	4	13	3	2		7		5	1	7		4	3	6	2	3	3	1		1	1	135	35	170
SUICIDE							1		5	1	20	3	14	6	15	5	13	5	8	3	9	2	1	2	10	5	7	7	7	4	8	4	5	1	9	2	132	50	182
VIOLENCE OF UNDETERMINED ORIGIN		1	1				1						6		1		3		2		1		1	1	2	2	2				1	1		ſ	Γ		21	5	26
NATURAL CAUSES	33	21	1	2	2			1	4	1	6	5	13	2	22	6	30	12	41	7	39	13	36	13	26	11	31	11	25	11	12	15	10	12	18	11	349	154	503
ABORTIONS		-																																	$\square$		İ		0.
NEONATAL AND INTRA- UTERINE DEATHS	1	4																																	Γ		1	4	5
UNDETERMINED ORUSES			1					1					2		1		1		2					1										1	T		7	2	9
GRAND TOTAL	36	29	15	7	. 8	1	9	5	36	13	88	23	103	29	86	19	88	28	68	15	67	19	51	22	62	22	63	28	52	31	36	32	26	23	42	31	936	377	1313

## **GEOGRAPHICAL LOCATION - ALL FATALITIES SUMMARY**

	-		aneniki si si kan kan (kan (kan (kan (kan (kan (kan (	٢	/IOLEN'	C DEAT	HS				1					
		A	CCIDEN	rs			OTHI	ER VIOL	ENCE		1		AB		6	
	THE HOME	AT WORK	VEHICULAR	OTHER PLACES	TOTAL ACCIDENTS	HOMICIDE	SUICIDE	UNDETERMINED ORIGIN	TOTAL OTHER VIOLENCE	TOTAL ALL VIOLENCE	NATURAL CAUSES	ABORTIONS	LIVE BIRTH AND FOETAL DEATH	UNDETERMINED CAUSES		GRAND
CITIES	L NI	AT	VEH	IN C	TOT	NOH	SUIC	UNDETE	TOT	TOT	NAT	ABC	LIV	UNIC	TOTAL	TOTAL
Cleveland	99	7	85	182	373	136	79	25	240	613	947		4	6	957	1570
Bay Village	1 1		1	1	2	1	2	1	2	4	2		1	t i i i i i i i i i i i i i i i i i i i	2	6
Beachwood	2	1	1	1	3	1	3	1	3	6	7		1	1	7	13
Bedford	1	1	1		2	1	2	1	3	5	20	- Contractoristic and	1	†	20	25
Bedford Heights	1	2	2		5		2		2	7	6		<u> </u>	<b></b>	6	13
Berea	3	4	1		4	1	4		5	9	5			<u> </u>	5	13
Brecksville			2	2	4 5	2	4		3	8	2		1		3	
Sectors and an experience of the sector of the	<u> </u>		Contraction and particulation of the local division of the local d	3	Concentration of the local division of the l	<u> </u>	Contractor and Contractor Contractor		Conversion concerning		CONCURSION OF CONCERNMENT				CONTRACTOR OF THE OWNER OWNE OWNER O	Salaran and a subscription of the subscription of the
Broadview Heights	<b>_</b>		4	3	7	Į	1		1	8	2			ļ	2	10
Brooklyn Brook Back			1		1	<u> </u>	- 1		1	2	.4			ļ	4	6
Brook Park	+	<u> </u>	1		1		5		5	6	6			<u> </u>	6	12
Cleveland Heights	2	1	2		5	4	6		10	15	27				27	42
East Cleveland	4		1	8	13	8	1		9	22	91			1	92	114
Euclid	11	1	3	4	19	1	2		3	· 22	75				75	97
Fairview Park	1		3		4		5		5	9	5				5	14
Garfield Heights	5		1		6	1	4		5	11	51				51	62
Highland Heights			1		1	1	1		-2	3	1				1	4
Independence	1		3		4	1	3		4	8	5				5	13
Lakewood	7		2	5	14	1	5	1	7	21	45				45	66
Lyndhurst	1		1		2	1	3		4	. 6	5				5	11
Maple Heights	2	1	1	1	3					3	9	Contract Contractories			9	12
Mayfield Heights	2		4	1	7		3		3	10	45				45	55
Middleburg Heights	1		2	3	6	1	2		3	9	47		and the second		47	56
North Olmsted	1		2		3		1	1	2	5	11				11	16
North Royalton	1		and the second s		1		1		1	2	7				7	9
Olmsted Falls	1				1		1		1	2	4				4	6
Parma	7		4	5	16		10	1	11	.27	87		1	1	89	116
Parma Heights	3			1	4		10			4	3			<u> </u>	3	7
Pepper Pike	1				1		3		3	4	- 3					Contraction Contraction Contraction
and the second of the second	1				CONTRACTOR DATE		3		.3	4	10	with a province of the			10	4
Richmond Heights		ļ			1					ON LONG DO LONG DO LONG	13				13	14
Rocky River	3		1		4					4	6				6	10
Seven Hills	2		1		3		4		4	7	4				4	11
Shaker Heights	2		1		3	2	3		5	8	12	-			12	20
Solon	1		1		2		1		1	3	19				19	22
South Euclid	2		2		4					4	4	-			4	8
Strongsville		1	2	and the second sec	.3	-	9		9	12	5				5	17
University Heights						1	1		2	2	2				2	4
Warrensville Heights		1	1	2	.4	1		1	2	6	57				57	63
Westlake	2			4	6		5	1	6	12	32				32	44
GRAND TOTAL	172	14	135	222	543	163	174	30	367	910	1673		6	8	1687	2597

## **GEOGRAPHICAL LOCATION - ALL FATALITIES SUMMARY**

				X	IOLEN	r death	HS									
		A	CCIDEN	TS			OTH	ER VIOL	ENCE					TA	BL	E 7
VILLAGES AND TOWNSHIPS	IN THE HOME	AT WORK	VEHICULAR	IN OTHER PLACES	TOTAL ACCIDENTS	HOMICIDE	SUICIDE	UNDETERMINED ORIGIN	TOTAL OTHER VIOLENCE	TOTAL ALL VIOLENCE	NATURAL CAUSES	ABORTIONS	LIVE BIRTH AND FOETAL DEATH	UNDETERMINED CAUSES	TOTAL	GRAND TOTAL
VILLAGES:																
Bentleyville							ļ	ļ			ļ	ļ	ļ	ļ	ļ	0
Bratenahl			3.		3		1		1	4		ļ	ļ	ļ	ļ	4
Brooklyn Heights											L				ļ	0
Chagrin Falls							1		1	1						1
Cuyahoga Heights		1	1		2					2						2
Gates Mills			2		2					2	1				1	3
Glenwillow														5		0
Hunting Valley																0
Linndale																0
Mayfield			1		1.		3		3	4	1				1	5
Moreland Hills															<u> </u>	0
Newburgh Heights		1	1		2					2						2
North Randall							1		1	1	1				1	2
Oakwood						1	1		2	2	3				3	5
Orange																0
Valley View		1	2		3					3						-3
Walton Hills				1	1	1			1	2						2
Woodmere							1		1	1			-			1
TOTAL VILLAGES	0	3	10	1	14	2	8	0	10	24	6	0	0	0	6	30
TOWNSHIPS:																
Chagrin Falls																0
Olmsted	1				1					1	1				1	2
Riveredge																0
Warrensville			1	2	3					3	2			1	3	6
TOTAL TOWNSHIPS	1	0	1	2	4	0	0	0	0	4	3	0	0	1	4	8

## **GEOGRAPHICAL LOCATION - ALL FATALITIES SUMMARY**

,				V	IOLENT	DEATHS	5									
		AC	CIDENT	'S			OTH	ER VIO	LENCE					ľ	TAB	E 7A
TOTALS	IN THE HOME	WHILE AT WORK	VEHICULAR	IN OTHER PLACES	TOTAL ACCIDENTS	HOMICIDE	SUICIDE	UNDETERMINED ORIGIN	TOTAL OTHER VIOLENCE	TOTAL ALL VIOLENCE	NATURAL CAUSES	ABORTIONS	LIVE BIRTH AND FOETAL DEATH	UNDETERMINED CAUSES	TOTAL	GRAND TOTAL
CITIES	172	14	135	222	543	163	174	30	367	910	1673	0	6	8	1687	2597
VILLAGES	0	3	10	1	14	2	8	0	10	24	6	0	0	0	6	30
TOWNSHIPS	1	0	1	2	4	0	0	0	0	4	3	0	0	1	4	8
OUT OF COUNTY	17	5	40	5	67	3	2	0	5	72	0	0	0	0	0	72
TURNPIKE																0
GRAND TOTAL	190	22	186	230	628	168	184	30	382	1010	1682	0	6	9	1697	2707

## ACCIDENTAL FATALITIES BY MONTH

TADLEO

	Companyation	-		-			-									wood dhunches		olimatic literature	-	generations					an a			A	35	3	Ö	l
	H	OME	ACCI	DEN	TS			WOR	K AC	CIDE	NTS			VEHI	CUL	AR AC	CIDE	ENTS			OTHE	ER AG	CCIDE	INTS				Т	OTAL	s		
MONTH	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	SAIHSNWOL	TURNPIKE	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	TURNPIKE	OUT OF COUNTY	GRAND TOTAL
JANUARY	6	5				11	1					1	8	4				4	16	14	4			1	19	29	13				5	47
FEBRUARY	9	10			1	20							2					2	4	9	6			1	16	20	16				4	40
MARCH	16	5			1	22			1			1	2	3				1	6	14	4				18	32	12	1			2	47
APRIL	7	6			3	16	1		1			2	5	4	1	1		2	13	15	1				16	28	11	2	1		5	47
МАҰ	8	5			2	15		1				1	7	3				3	13	19	2				21	34	11				5	50
JUNE	9	7			2	18		1	1			2	11	4				2	17	24	4				28	44	16	1			4	. 65
JULY	6	4				10	1					1	5	4	2			1	12	15	6	1		1	23	27	14	3			2	46
AUGUST	5	3			-3	11		1			2	3	9	6	2			4	21	8				1	9	22	10	2			10	44
SEPTEMBER	1	5			2	8	1				2	3	11	7	2			.7	27	17	1				18	30	13	2			11	56
OCTOBER	13	5			2	20	2	1			1	4	8	7	1			4	20	16	4		1		21	39	17	1	1		7	65
NOVEMBER	9	11		1		21		3				3	8	2	1			3	14	11	3				14	28	19	1	1		3	52
DECEMBER	10	7			1	18	1					1	9	6	1			7	23	20	5		1	1	27	40	18	1	1		9	69
TOTAL	99	73		1	17	190	7	7	3		5	22	85	50	10	1		40	186	182	40	1	2	5	230	373	170	14	4		67	628

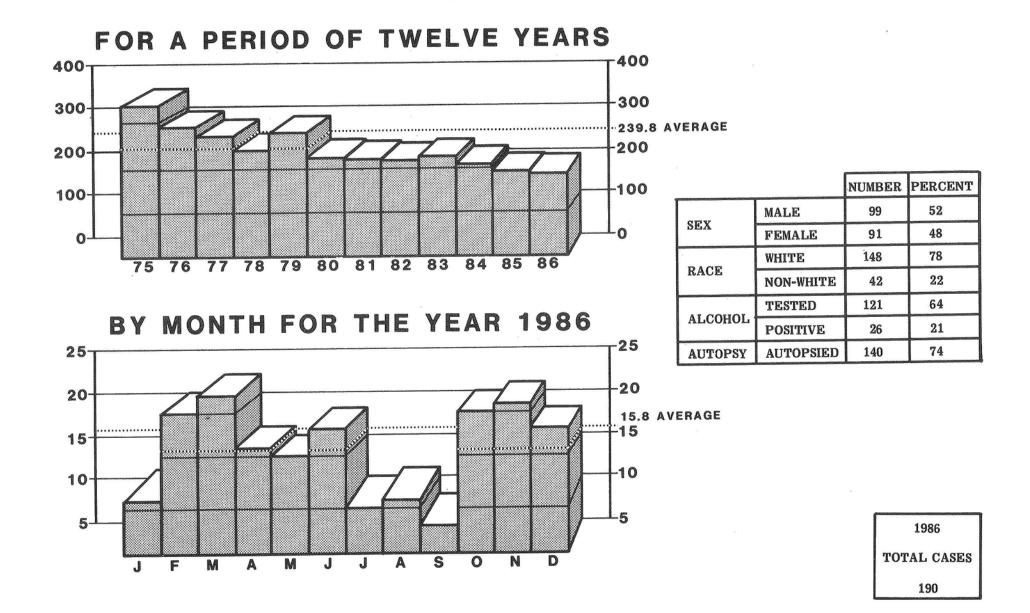
## HOMICIDES, SUICIDES, VIOLENCE OF UNDETERMINED ORIGIN

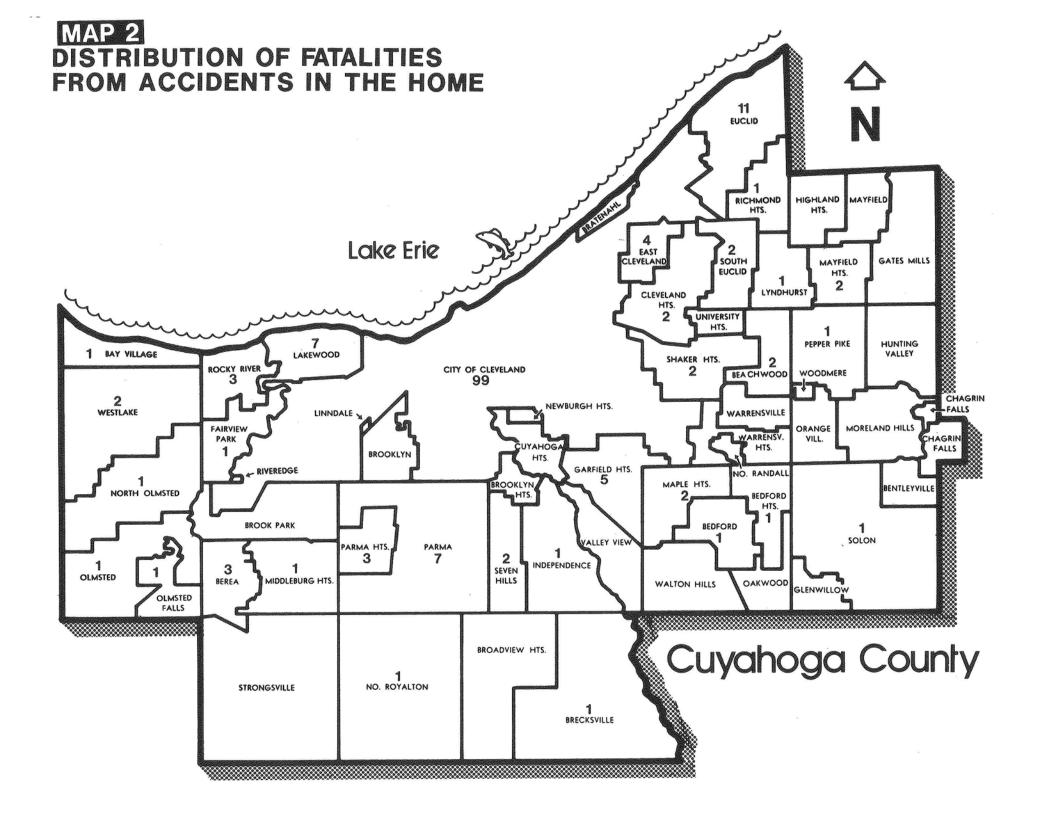
## FATALITIES BY MONTH

TADIEO

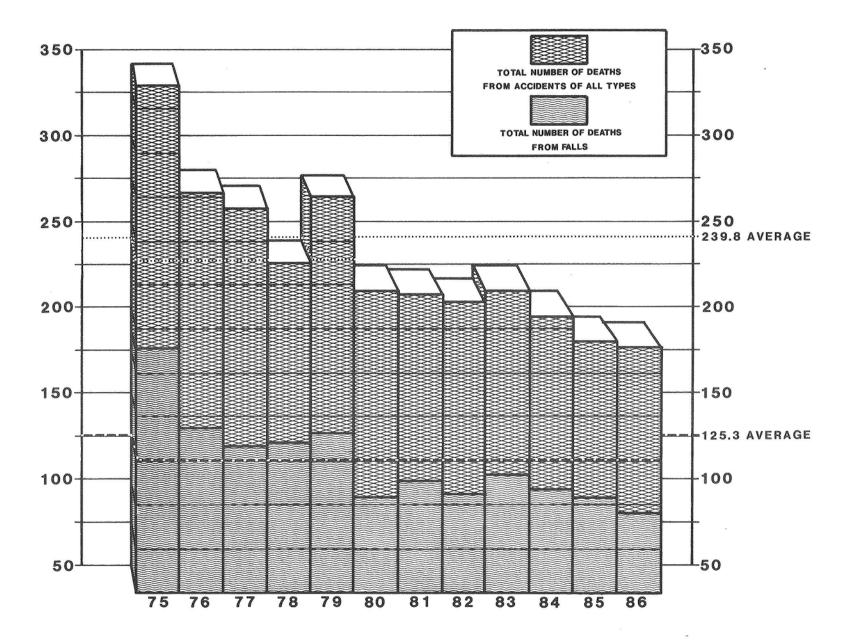
																			and the second se		AB		9	
		Į	HOMI	CIDE					SUIC	IDE			UN		OLEN ERMIN			N		г	OTAI	Ĺ.		
MONTHY	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	SAIHSNMOT	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	GRAND TOTAL
MONTH	CI	LO	IN	TC	10				IV	T	10	All		L0	VI	T	ÌO					Ĩ	Ō	
JANUARY	11	.3	1			15	7	10				17	2					2	20	13	1			34
FEBRUARY	10	2				12	.4	7				11	6					6	20	9				29
MARCH	4	4				8	7	10	1			18	3	1				4	14	15	1			30
APRIL	10	2			1	13	7	11				18	2	1				3	19	14			1	34
МАУ	11	1				12	12	3	-2		1	18	1					1	24	4	2		1	31
JUNE	18	.3			1	22	6	8				14	3					3	27	11			1	39
JULY	11	2				13	10	9	3		1	23	-2					2	23	11	3		1	38
AUGUST	11	2			1	14	6	3				9	2	1				.3	19	6			1	26
SEPTEMBER	14	1				15	4	5				9	1	. 1				2	19	7				26
OCTOBER	13	.3				16	5	9	1			15							18	12	1			31
NOVEMBER	9	2				11	5	8				13							14	10				24
DECEMBER	14	2	1			17	6	12	1			19	3	1				4	23	15	2			40
TOTAL	136	27	2		3	168	79	95	8		2	184	25	5				30	240	127	10		5	382

# ACCIDENTS IN THE HOME





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



#### MONTHLY ALCOHOL INCIDENCE

																																	T/	AB		E	1	0
													NO	тт	EST	ED			Ι		TE	STEI	D		Γ						ST	AGE	5					
		т	otal	с	leve	C	ounty		it of unty	I	otal		Surv Too Lon		Un A		Ot	her	т	tal	N	eg.	Р	os.		01% 04%		05% 09%		10% 14%		15% 19%		20% 24%		25% 29%		30% over
MONTH	TOTAL	М	F	М	F	М	F	M	F	M	I F	N	1	F	M	F	M	F	М	F	M	F	M	F	M	F	M	F	М	F	M	F	M	F	M	F	М	F
JANUARY	11	6	5	4	2	2	3			12	2 3	3	2	2				1	4	2	3	2	1												1			
FEBRUARY	20	8	12	5	4	3	7		1	4	1 6		3	4			1	2	4	6	2	6	2										2					
MARCH	22	9	13	7	9	2	3		1	2	2 4		2	3				1	7	9	5	7	2	2		1	1			1							1	
APRIL	16	7	9	3	4	3	3	1	2	2	2 8		2	3		1		1	5	4	5	4																
МАҰ	15	5	10	4	4	1	4		2	2	2		2	1					3	9	3	9											L					
JUNE	18	8	10	4	5	2	5	2		3	3 (		3	2				3	5	5	4	4	1	1						1			1					
JULY	10	6	4	4	2	2	2	Τ		3	3		3					1	3	3	3	2		1												1		
AUGUST	11	5	6	3	2	1	2	1	2		1	2	T	1				1	5	4	4	4	1						1									
SEPTEMBER	8	5	3	1	T	3	2	1	1	1	1 :	T	1	1					4	2	2	1	2	1			1				1	, ·						1
OCTOBER	20	15	5	10	3	3	2	2		4	1 1		3	2			1		11	3	8	2	3	1							1					1	2	:
NOVEMBER	21	14	7	6	3	8	4	Γ		6	5 6		5	6			1		8	1	4	1	4		1						1		1				1	
DECEMBER	18	11	7	6	4	5	2		1	2	2 2		2	2					9	5	7	3	2	2								2	2	No. of Concession, Name				
TOTAL	190	99	91	57	42	35	39	7	10	31	38	28	3 2	27		1	3	10	68	53	50	45	18	8	1	1	2		1	2	3	2	6		1	2	4	1

								1000000000						والمستحفيون		-			_				- CONTRACTOR		County In st		υĻ		1-			
							NO	TT	ESTE	ED					TES	STED	)								STA	GES						
					as and the		Sur	v'd	Un	der									0.0	1%	0.0	5%	0.1	.0%	0.1	15%	0.2	20%	0.2	5%	0.3	0%
			То	tal	To	tal	To Lo:		Ag		Oth	ner	То	tal	N	eg.	Po	s.	0,0	4%	0.0	9%	0.1	4%	0.1	9%	0.2	4%	0.2	9%	or o	ver
AGE	RACE	TOTAL	М	F	М	F	M	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F
Under	White	1	1										1		1				-	DAMES AND A		-		-	-		-				-	-
1 Year	Non-White	1		1										1	-	1			-		,		-				-					-
	White	5	3	2		1				1			3	1	3	1			ad months that		-			_								
1 – 4	Non-White	4	3	1									3	1	3	1				-	ownited inte											
5 0	White	1	1										1		1		-		antoinina		-			_			-		_			
5 – 9	Non-White	4	3	1						-			3	1	3	1	_	-									_					
10 - 14	White	1		1										1		1	-					-										
10 - 14	Non-White					-	-		and the second se										alengere state	-		-	-	-			-					-
15 - 19	White	2	1	1		1	_	1					1		1							-	-		-		_					
10 - 19	Non-White	2	1	1							- 1		1	1	1	1	-									-						
20 - 24	White	4	1	3				and the second se					1	3		3	1				1				-							on mail poor
10 11	Non-White		<u> </u>	Generative	_		-								_	L	-			e contence		and the second second			-				-			_
25 - 29	White	4	3	1								_	3	1	1	1	2	ļ			1	-			1		-					-
20 20	Non-White	1	1	-	_			_		-			1	-	1	L	-		-	-	manana	-		-			-					
30 - 34	White	9	9		1		1	-	-				8		6		2		1	ng n							1			-		-
00 01	Non-White	1	Antonetic	1			_			-				1		1			-		-	10100704710	<u> </u>	ļ			-			_		adamiet/
35 - 39	White	6	4	2					-				4	2	4	1		1	-	L			<u> </u>		<b></b>		-		-	1	2	
00 - 00	Non-White	5	4	1			-			-			4	1	1	1	3		-	-	-		1								4	
40 - 44	White	4	3	1	1	1	1					1	2		2			<u> </u>							-		-		<u> </u>			
10 11	Non-White	1		1	Lanston	L			L					1	-			1	ļ					-	annanumi	1	-	-				
45 - 49	White	3	Ļ	3		1		1						2		1	<u> </u>	1	ļ	1					-							actions
10 10	Non-White	2	2	-									2		1		1	<u> </u>	L		-				1						1	1
50 - 54	White	4	3	1									3	1	1	-	2	1	<u> </u>		descutora			-	******		1				1	1
00 01	Non-White	2		2	ļ		L		-					2		1	-	1					-	1			-					-
55 - 59	White	9	8	1	1	1	1	1		-			7	-	6	-	1					-			ļ	ļ	1 2				1	
	Non-White	5	3	2		ļ		ļ		-		-	3	2		2	3	<u> </u>		-							4				-	-
60 - 64	White	6	6		4		4	L					2		2	+	<u> </u>					-										-
	Non-White	3	1	2	1	1	1					1	-	1	<u> </u>	1	2	2				ang si sa an			1	1	1			1		
65 - 69	White	12	5	7	2		1	-	<u> </u>		1	-	3	7	1	5	2	2							-					-	-	-
	Non-White	1	_	1		1		1	L		-		0	0	-	0	<u> </u>				_								1			-
70 - 74	White	10	6	4	3	2	2	1			1	1	3	2	2	2	1												-			
	Non-White	2		2	<u> </u>	1		1	<u> </u>		-			1	-	1			-										-			
75 — 79	White	20	7	13	2	5	2	5	<u> </u>				5	8	5	8		-	-											$\vdash$		
	Non-White	4	4		2		2				-	-	2	10	2	11		1					-	1								
80 - over	White	47	14	33		and the second	12 1	14			1	7	1	12	1	111		-	-			-	-	1								
	Non-White	4	2	2	1	2	Contraction of	COLORED DATA	-	1		0	spinster for	40	37	34	11	6	1	1	2		-	1	2	1	.4	-	1	2	1	1
TOTAL	White New White	148	75	73	27	33 5	24 4	23 4	-	1	3	9	48 20	40 13	37 13	11	7	2	-	-	4		1	1	1	1	2		-	-	3	-
ODANT	Non-White	42	24 99	18 91	4		4 28	27	-	1	3		Contraction of the		13 50	45	18	8	1	1	2	alatest	1	2	3	2	6		1	2	4	1
GRANL	) TOTAL	130	33	191	01	100	20	141	L	1			23	<u> </u>	Ľ.,	1.5	L	1	Langer	-	-		Louis	Conner and	-	Lange	-	Langenter	1	-	-	DE ALCONELLE

										ľ			100	mrs	0.001						00.2714		-		T		eya awa Jayaan A		agricitano su s	Concentration of	or		4167263		litera i	line:		Øren -
		li <sup>mmenter</sup>		and the second			NYINGONINA			L		1	TON	TE	STE	D				Line of the	TES	STEI	)		L				1	and an and a second second	STA	AGES	;	Charles and the state	-		-	
		то	otal	Cl	eve.	Co	inty		t of unty	Т	otal		urv'd Foo Jong	1	Unde Age		Oth	ier	То	otal	N	eg.	Р	<b>0</b> S.		01% 04%		05% 09%	0.1 0.1	10% 14%		15% 19%		20% 24%		25% 29%		30% over
MODE	TOTAL	М	F	М	F	м	F	М	F	M	F	M	F	N	N I	F	M	F	М	F	М	F	М	F	м	F	М	F	м	F	М	F	М	F	М	F	М	F
ASPHYXIA	9	6	3	2	2	3	1	1			1					Τ		1	6	2	6	1		1								r						
BURNING	23	16	7	12	2	1	3	3	2	6	4	4				1	2	3	10	3	9	3	1								1							
CARBON MONOXIDE	24	15	9	12	7	3	1	2	1	1	1	1	1	Τ					14	8	9	6	5	2		1				1			2		1		2	
ELECTROCUTION	1	1				1								Ι					1		1																	
EXPOSURE	1		1				1									Ι				1		1																
FALLING	95	43	52	19	22	21	25	3	5	22	30	21	24				1	6	21	22	15	21	6	1							1	1	-3			•	2	
POISONING	34	17	17	12	9	5	7		1	1	1	1	1						16	16	10	12	6	4	1		2		1	1	1		1			2		1
UNDETERMINED	2	1	1 ·			1	1			1	1	1	1																									
OTHER*	1	0000-0000	1			_	La constante		1								-			1		1	-					scotteninity		an and the second second	Constanting of							-
TOTAL	190	99	91	57	42	35	39	7	10	31	38	28	27			1	3	10	68	53	50	45	18	8	1	1	2		1	2	3	2	6		1	2	4	1

TABLE 12

\* Coronary episode during a fire.

TADLE 19

																																UL.	JE	15			5
										and the second		N	IOT '	rest	red			Γ		TES	STED	)								ST	AGES						
•		То	otal	Cle	eve.	Cou	inty		t of unty	То	otal	1 7	rv'd 'oo ong		nder Ige	0	ther	Т	otal	N	eg.	Р	os,	0.0 0.0			05% 09%		10% 14%		15% 19%		20% 24%		25% 29%	0.3 or o	
MODE	TOTAL	M	F	M	F	M	F	М	F	М	F	М	F	м	F	M	F	м	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F	M	F	М	F
<u>ASPHYXIA:</u> Aspiration of Foreign Object	3	1	2		2	1					1						1	1	1	1			1								1						
Compression	1	1				1												1		1									Ļ	Ļ		L			L	$\square$	
Drowning	4	3	1	1		1	1	1										3	1	3	1							L							ļ	$\square$	
Insertion of head into plastic bag	1	1		1														1		1																	
TOTAL	9	6	3	2	2	3	1	1			1			Τ	T	Γ	1	6	2	6	1		1								1						-
BURNING: Conflagration	15	11	4	9	1	1	1	1	2	2	2	2			1		1	9	2	9	2									<u> </u>							
Incidental fire	7	5	And in case of the local division of the loc	3	1		1	2		4	1	2	<u> </u>	<u> </u>		2		1	1	<b> </b>	1	1								1			$\vdash$				
Scalding	1		1		-	-	1	_	_		1	-		-		-	1	10				1	-	-	o consistentes	-		ļ		1		esentente			-		-
TOTAL	23	16	7	12	2	1	3	3	2	6	4	4	-	ļ	1	2	3	10	3	9	3	1	-			-		-	-		-	CARGE STREET,	-		-		-
CARBON MONOXIDE: Auto Exhaust	5	4	1	2		2	1											4	1	2	1	2										1		1			
Conflagration	17	10	7	9	6	1			1	1	1	1	1					9		7	5	2	1		1							1				1	
Natural Gas	2	1		1	1	a desta da la compañía da	-	-		-			-	-		-	-	1	-		-	1	1	-		-		-	1	<u> </u>		-			-	$\frac{1}{2}$	
TOTAL	24	15	9	12	7	3	1		1	1	1	1	1	-	-	ļ	-	14	8	9	6	5	2		1			-	1	ļ		2		1	-		-
ELECTROCUTION: Ham Radio	1	1				1												1		1												teresiterenta	The local data and the local data and the	ana-anad			
TOTAL	1	1				1	der Differentingen	and the same	-	Constantinues of	-	0000	-		-			1	-	1	and and a second second	-		-	-	-		-	-	-						$\vdash$	
EXPOSURE: Cold	1		1				1							Address Charleson (Charleson (Cha					1		1																
TOTAL	1		1				1						T	1			T		1		1																

										10.00000				00500000								weeksenderterne		Kittinotau	A100.000000000								B			14	
		California					5					N	IOT !	rest	red					TES	STEI	)								ST	AGES						
		т	otal	Cl	eve.	Cou	inty		t of unty	Т	otal	1	rv'd 'oo ong	Un A	nder Age	0	ther	то	otal	N	eg.	P	os.		01% 04%		05% 09%		10% 14%	0. 0.1	15% 19%	0. 0.	20% 24%	0.: 0.:	25% 29%	0.3 or o	
MODE	TOTAL	M	F	M	F	M	F	M	F	M	F	M	F	M	F	М	F	M	F	M	F	М	F	M	F	M	F	М	F	М	F	M	F	M	F	м	F
POISONING:													Ι	Γ	Ι	Ι	Ι													1					Decision of the local	-	Lacine Sec.
Single Chemical Agent:				de la companya								111111						all and a local division of the second se	1	The second s																	
Amitriptyline	1		1	1010			1			a regard									1	di la contra	1																
Chloroethane	1	1	Ê			1	-				-	t-		İ			1	1	-	1	Ê																(and the second
Cocaine	2	1	1	1	1						Ì	I	1		1			1	1	1	1																
Codeine	1	1		1								1	1	1	T		I	1		1																	
Imipramine	1		1		1							1	1						1		1																
Methanol	1	1		1									1	ſ			1	1		1										1	Contraction of Contract		and the second second				
Opiate	1	1		1							1		1			1		1				1						1									
Phentermine	1		1				1												1		1																
Propoxyphene	2		2		1		1												2		2																-
Salicylate	2		2		1				1		1		1						1		1																-
Combined effect of ethanol and:																			,																		
Amitriptyline	1	1		1														1				1										1					
Diazepam	1		1				1												1				1														1
Dilaudid	1	1				1												1				1				1											
Opiate	1		1				1												1				1												1		
Propoxyphene	1		1				1												1				1						1								
Chlordiazepoxide and																																					
Opiates	1	1				1				1		1																									
Diazepam and Propoxyphene	1	1		1														1				1				1	·										

## TABLE 14 cont.

										<b></b>	1000000000	Ņ	OT 7	TEST	ED					TES	TED	)		-					AR I	STA	GES				all card		
	1	-	Magazinakia	1		T		<u> </u>	-			-	-	6.01	ъD	<b>r</b>		<u> </u>		1 100	1150	· · · ·				non stangenet				1	1	<b></b>	1	<b></b>		1	-
		То	tal	Cle	eve.	Cou	inty	Ou Co	t of unty	То	tal	Т	oo ong	Un A	der ge	Ot	her	То	tal	Ne	eg.	Po	os.	0.0	1% 4%	0.0		0.1 0.1		0.1 0.1	.5% 9%	0.2 0.2	20% 24%	0.2	25% 29%	0.3 or c	30% over
MODE	TOTAL	М	F	М	F	М	F	М	F	М	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F	M	F	М	F	М	F
POISONING:(continued)																																					
Ethanol and:																																	•				
Butabarbital, Pheno-																																					
barbital and Secobarbital	1	1				1												1				1								1				_		_	
Caffeine, Codeine and																																					
Flurazepam	1		1				1			_		L	L						1				1				_								1		
Combined effect of two																																					
chemical agents:																																					
Acetaminophen and				10111111																																	
Propoxyphene	1		1		1														1		1						_			_							
Cocaine and Morphine	1	1		1														1		1																	
Diazepam and																																					
Propoxyphene	1	1				1												1		1							_										
Ibuprofen and Salicylate	1	1		1														1		1																	
Combined effect of three																																					
chemical agents:																																					
Acetaminophen, Diazepam																																					
and Propoxyphene	1		1		1														1		1																
Amitriptyline, Nortripty-																																					
line and Secobarbital	1		1	A COLUMN STORY	1														1		1																
Diazepam, Meperidine																																					
and Placidyl	1	1		1														1				1		1								_			_		
Meprobamate, Propoxy-																																					
phene and Soma	1	1		1														1		1				_		-+	_										-
Combined effect of four																																					
chemical agents:																																					
Cocaine, Methadone,																																					
Propoxyphene and				CHEDOLA																																	
Valium	1	1		1														1		1							_										_
Diazepam, Oxycodone,																																					
Pentobarbital and																																					
Salicylate	1	1		1														1		1						$\rightarrow$					_		_				
Combined effect of five																																					
chemical agents:																																					
Acetaminophen, Butal-																																					
bital, Caffeine, Codeine																																					
and Doxepin	1		1		1														1		1							_			_		_				
Combined effect of seven																																					
chemical agents:																			A COLUMN																		
Acetaminophen, Amitrip-																																					
tyline, Dilantin, Doxepin,																																					
Flurazepam, Phenobarb-																																					
ital and Propoxyphene	1		1		1			and the second second		-		and so a				-		otari mini	1		1			Ļ	_		_	_	_			+			-	-	
TOTAL	34	17	17	12	9	5	7]		1	1	1	1	1					16	16	10	12	6	4	1	1	2		1	1	1		1			2	-	1

#### **MODE - AGE GROUPS**

																								-		automicio	pilitant state		of the other statements	-	attaction of the		-			AL			
MODE		der ear	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	то	TAL	GRANE
MODE	М	F	M	F	M	F	M	F	M	F	М	F	M	F	M	F	М	F	M	F	M	F	М	F	М	F	М	F	M	F	M	F	М	F	M	F	М	F	
ASPHYXIA	Ι				1			1					1		1					1					1		1	1					1				6	3	9
BURNING	$\square$		3	1	1	1							1						1						1		1		3		1	2	3	1	1	2	16	7	23
CARBON MONOXIDE	Τ	1	2	2	2				1	2					2		3		1			1	1	1	1		1			1	1	1					15	9	24
ELECTROCUTION	Γ				Γ																1																1	L	1
EXPOSURE					Γ		Γ						Γ																					1				1	1
FALLING	1		1												1			1		1	1		2		7	2	3	1	2	5	4	2	7	10	14	30	43	52	95
POISONING	$\vdash$				Γ		Γ		1		1	3	2	1	5	1	5	2	1			2		2	1	1	1			2		1		1		1	17	17 .	.34
UNDETERMINED	Τ				Γ																														1	1	1	1	2
OTHER	$\top$				1																													-		1	(Amage and )	1	1
TOTAL	1	1	6	3	4	1		1	2	2	1	3	4	1	9	1	8	3	3	2	2	.3	3	3	11	3	7	2	5	8	6	6	11	13	16	35	99	91	190

#### TABLE 15

#### FALLS - ALCOHOL INCIDENCE

,															000000												A	31		1	6
2						N	от і	EST	ED					TES	TED						(which is a cost of			STA	GES						
		т	otal	То	otal	T	v'd oo ong		der ge	Otl	ıer	То	tal	N	eg.	Po	os.		)1% )4%		)5% )9%		10% 14%		15% 19%		20% 24%		25% 29%	0.3 or o	
FALLS BY CODE *	TOTAL	M	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F	M	F	М	F	M	F	M	F	M	F	М	F
E 880 - From Stairs	25	11	14	2	6	2	3				3	9	8	4	7	5	1							1	1	2		<u> </u>		2	
E 881 - From Ladder	4	4		3		2				1		1		1										ļ				<u> </u>			
E 882 - From Building or Other								A CONTRACTOR OF A CONTRACTOR OFTA CONT																							
Structure	2	2										2		2			-							ļ	<u> </u>			ļ			
E 884 - From One Level to Another																															
Bed	8	5	3	3	3	3	2				1	2		2										<b>_</b>	ļ			L		$\square$	
Chair	5	2	3	.2	1	2	1						2		2							_	Senerationaria	ļ				L			
Couch	1		1		1		1																					ļ	$\square$		
Geri-chair	1		1		1		1																								
Lawn mower	1	1										1		1												_					
Tree	1	1		1		1																									
Wheelchair	1	1										1		1																	
E 885 - On Same Level	38	14	24	11	16	11	14				2	3	8	3	8																
E 888 - Unspecified	8	2	6		2		2					2	4	1	4	1	ancementos									. 1	20000000000		-		
TOTAL	95	43	52	22	30	21	24			1	6	21	22	15	21	6	1							1	1	3				2	*****

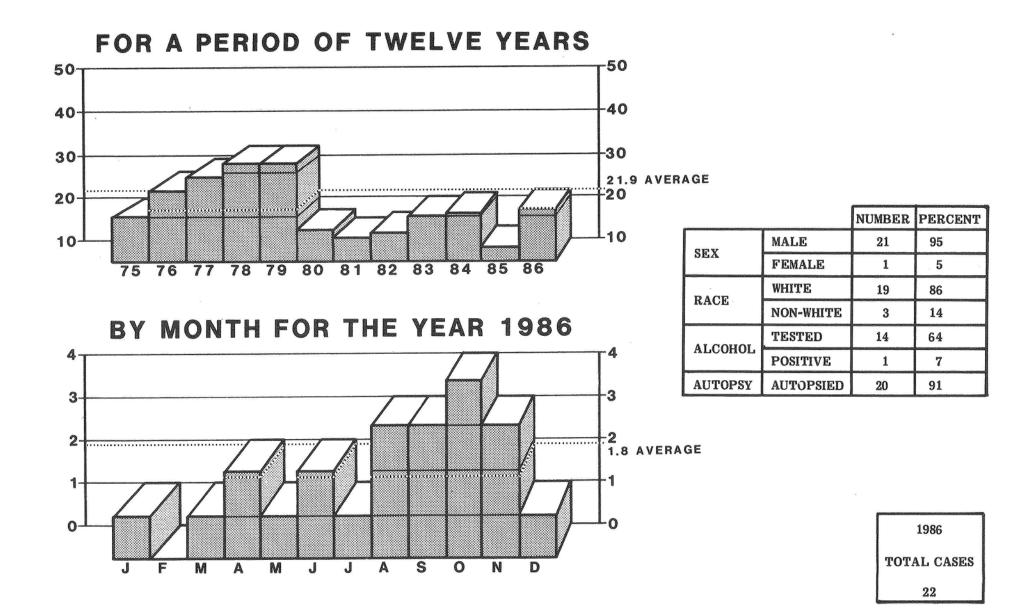
\* International Classification of Diseases by World Health Organization: Ninth Revision.

#### FALLS - AGE GROUPS

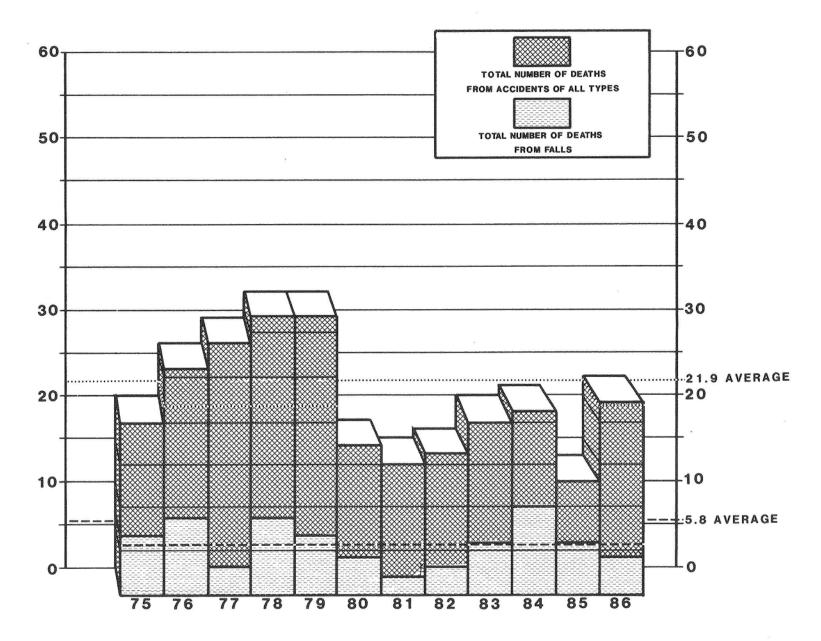
																					and kinds	NUCCIONAL			200-101-210-0		and in the second second second second second second second second second second second second second second se								5		31		17
FALLS BY CODE *		ider Zear	1	- 4	5	- 9	10	- 14	15 -	- 19	20 -	- 24	25 -	- 29	30 -	- 34	35 -	- 39	40 -	- 44	45 -	- 49	50 -	- 54	55 -	- 59	60 -	- 64	65 -	- 69	70	- 74	75	- 79	80-	over	то	TAL	GRAND
FAILS BY CODE	M	F	M	F	M	F	M	F	М	F	М	F	M	F	М	F	M	F	M	F	М	F	M	F	M	F	M	F	М	F	M	F	M	F	M	F	M	F	TOTAL
E 880 - From Stairs																				1	1		1		3				1	4	3		1	4	1	5	11	14	25
E 881 - From Ladder	Ι		Γ																						2		1		1								4		4
E 882 - From Building or			Γ		Γ		Γ																																
Other Structure	1																						1														2		2
E 884 - From One Level to		Γ	Γ	Γ	Γ		Γ																																
Another																																							
Bed			1																														2	2	2	1	5	3	8
Chair					Γ																												L		2	3	2	3	5
Couch																																		_		1		1	1
Geri-chair		Γ			Γ																															1		1	1
Lawn mower		Γ	Γ		Ι		Γ																				1										1		1
Tree	1				Γ		T								1																						1		1
Wheelchair			Γ																														1	•			1		1
E 885 - On Same Level																										2	1	1		1	1	2	3	3	9	15	14	24	38
E 888 - Unspecified					ľ													1							2						-	-		1		4	2	6	8
TOTAL	1		1		Γ										1			1		1	1		2		7	2	3	1	2	5	4	2	7	10	14	30	43	52	95

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

# ACCIDENTS WHILE AT WORK



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



## FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

#### MONTHLY ALCOHOL INCIDENCE

EADLE 10

																			01-04-04-04-04-04-04-04-04-04-04-04-04-04-			000000000000000000000000000000000000000							-	and the second							Ğ
												N	OT '	rest	ED					TES	STEL	)		L						ST	AGE	S			ummuse in insis	r	
		т	otal	CI	eve.	Co	unty	Ou Co	t of unty	то	otal	I T	rv'd 'oo ong		der ge	Ot	her	то	otal	N	eg.	P	os.		)1% )4%		05% )9%	0.1 0.1	10% 14%	0. 0.	15% 19%	0. 0.	20% 24%	0.: 0.:	25% 29%	0.3 or (	30% over
MONTH	TOTAL	М	F	M	F	М	F	м	F	M	F	М	F	м	F	М	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F
JANUARY	1	1		1						1		1																									
FEBRUARY	0																																				
MARCH	- 1	1				1												1		1												L					
APRIL	2	2		1		1				1		1						1		1											<u> </u>	L	-	ļ			L
MAY	1	1				1				1		1														<u> </u>					1	L	Ļ	Ļ			L
JUNE	2	2				2												2		2																	
JULY	1	1		1														1		1													-				
AUGUST	3	3				1		2		2		2						1		1												L					L
SEPTEMBER	3	2	1	1				1	1	1		1						1	1		1	1												1			
OCTOBER	4	4	Γ	2		1		1		1		1						3		3																	
NOVEMBER	3	3				3												3		3																	
DECEMBER	1	1		1						1						1			12-12-510140													Ļ					
TOTAL	22	21	1	7		10		4	1	8		7				1		13	1	12	1	1												1			

## FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK AGE-RACE-ALCOHOL INCIDENCE

Note         Note         I </th <th></th> <th></th> <th></th> <th></th> <th></th> <th>r</th> <th></th> <th></th> <th>00.00</th> <th></th> <th></th> <th></th> <th></th> <th>1</th> <th>1000/14 140</th> <th>00.00</th> <th>000737</th> <th></th> <th>And on the Association</th> <th>-</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>ama</th> <th></th> <th></th> <th>and the second</th> <th>and the second</th> <th></th> <th></th> <th></th>						r			00.00					1	1000/14 140	00.00	000737		And on the Association	-						ama			and the second	and the second			
Name     Name				phantaneo	an in the second			-	-	EST	εD	n acheford a shift	-	L	datalana	TE	STEL	,						-		STA	GES	r	-	_	1		
Note         Note         I </td <td>c</td> <td></td> <td></td> <td>То</td> <td>tal</td> <td>To</td> <td>tal</td> <td>To</td> <td>00</td> <td></td> <td></td> <td>Ot</td> <td>her</td> <td>То</td> <td>tal</td> <td>N</td> <td>eg.</td> <td>Po</td> <td>s.</td> <td></td>	c			То	tal	To	tal	To	00			Ot	her	То	tal	N	eg.	Po	s.														
Under Non-White         Image         Ima         Image         Image	AGE	RACE	TOTAL	M	F	M	F			М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F	М	F	M	F
1 Nor-Wite	Under	White																or the second second second second second second second second second second second second second second second															
1-4     Non-White     I		Non-White																						-	-					_			
Non-White         I		White																							_								
10-9     Non-White     1	1 - 4	Non-White																a la sectore				-	-					_					
Non-White         I	5 0	White																						_	essectioned					L			
10 - 14     Non-White     10     1	5 – 9	Non-White																							-		-			<u> </u>		_	
Indefinition         Image: Image	10 14	White					-						-									-	-	amalasim	-								
Incombine     Image: Marce marked marke	10 - 14	Non-White													_							-	and an other states		-		-						
Non-White         3         3         1         5         1         5         6         5         6         5         6         5         6         5         6        6         6         6<	15 - 19	White	1	1			-	_						1		1	-	_		L		-			-	<u> </u>			-			-	
Non-White     I <thi< th="">     I     I     I     &lt;</thi<>	10 - 15	Non-White					-		autoriting.	CONSIGNA						-								-						<u> </u>			
Non-White         Non-White <t< td=""><td>20 - 24</td><td>White</td><td>3</td><td>3</td><td></td><td>1</td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td>2</td><td></td><td>2</td><td>L</td><td>L</td><td>-</td><td></td><td></td><td>-</td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td>L</td><td></td><td>-</td><td>_</td></t<>	20 - 24	White	3	3		1		1						2		2	L	L	-			-				-				L		-	_
25 - 29     Mark	10 L1	Non-White			_			-			-		_	L		-	_				_	-				<u> </u>	-	-	-	L			
Non-Write         No	25 - 29	White	3	2	1	1		1						1	1	1	1							L	-	-		<u> </u>		<u> </u>			
30 - 34     None-Write     1 <td></td> <td>Non-White</td> <td></td> <td></td> <td></td> <td>_</td> <td>-</td> <td>-</td> <td></td> <td></td> <td></td> <td>Ļ</td> <td></td> <td>-</td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td>ļ</td> <td>L</td> <td></td> <td></td> <td>L</td> <td>-</td> <td></td> <td>-</td> <td>Ļ</td> <td></td> <td><u> </u></td> <td></td> <td></td> <td></td>		Non-White				_	-	-				Ļ		-	_					ļ	L			L	-		-	Ļ		<u> </u>			
Non-White     1 <th1< th="">     1     1     1     &lt;</th1<>	30 - 34	COLOR OF THE OWNER WATER COLOR OF THE OWNER OF THE OWNER	Contraction of the local division of the loc	-				_	-	-		<u> </u>		-	ļ	-				ļ		_				-			-	<u> </u>			
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			Real Property and the second second				and the second second	-		-					L		Ļ	ļ	<u> </u>	ļ		-						ļ	L				
Non-White     Non-W	35 - 39	White	1	1								Ļ		1		1				<u> </u>				L			-	┣—				-	
40 - 44     Number     1     1     0					_			-	-			L			Ļ	L			ļ	<u> </u>					L								
Non-White       1	40 - 44		And the second design of the s	-														<u> </u>		<u> </u>				-			and the same						
45 - 49       Non-White       I		The second second second second second second second second second second second second second second second s	and a second sec	Concession in the	-			-				-	-		ļ	1				<u> </u>			-	-			-						$\vdash$
90-54     White     2     2     0    <	45 - 49	No. CO.	1	1		1		1						ļ		<u> </u>				<u> </u>			Constanting Later	<u> </u>				┣—				hannes	
50 - 54     Mone-Mite     I <td></td> <td>Contraction of the Contraction o</td> <td></td> <td></td> <td></td> <td>ļ</td> <td></td> <td></td> <td></td> <td></td> <td><u> </u></td> <td><u> </u></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>-</td> <td></td> <td>┣</td> <td></td> <td></td> <td>inneal ficker</td> <td></td> <td></td> <td></td> <td>-</td> <td>-</td> <td></td> <td>leanna</td> <td></td> <td>and the second second</td> <td></td>		Contraction of the Contraction o				ļ					<u> </u>	<u> </u>			-			-		┣			inneal ficker				-	-		leanna		and the second second	
by this by th	50 - 54		2	2		ļ								2		2		-		<u> </u>									<u> </u>			-	
55 - 59     Non-White     I <td></td> <td>Concentration of the second second second second second second second second second second second second second</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td><u> </u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>┣</td> <td></td> <td></td> <td>-</td> <td>-</td> <td></td> <td></td> <td>-</td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td>		Concentration of the second second second second second second second second second second second second second						_		<u> </u>						┣			-	-			-	-								-	
White       4       4       4       4       5       5       5       1       5       1       5       1       5 <td>55 - 59</td> <td>CONTRACTOR OF THE OWNER</td> <td>1</td> <td>1</td> <td>_</td> <td>1</td> <td></td> <td>1</td> <td></td> <td><u> </u></td> <td></td> <td><u> </u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td>	55 - 59	CONTRACTOR OF THE OWNER	1	1	_	1		1		<u> </u>		<u> </u>										-											
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## FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

**MODE - ALCOHOL INCIDENCE** 

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## FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

#### **MODE - ALCOHOL INCIDENCE**

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BURNING: Chemical	2	1	1					1	1	1		1							1		1																
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CRUSHING: Cave-in	1	1				1												1		1																	
Coke guide and Support Beam	1	1		1														1		1										ŀ							
Rotating Conveyor Tynes	1	1		1											Í			1		1																	
Steel and Shield	1	1		1														1		1											_						
Steel Plates	1	1				1				1		1			-												_							ļ			
Truck mast and Automotive Press	1	1						1		1		1																									
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### FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK MODE - AGE GROUPS

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MODE	Un 1 Y		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	то	TAL	GRAND TOTAL
MODE	М	F	M	F	M	F	M	F	М	F	М	F	М	F	M	F	M	F	M	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F	M	F	]
BURNING													1	1											1		1			ŀ	1						4	1	5
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#### FALLS - ALCOHOL INCIDENCE

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						N	OT I	EST	ED					TES	TED									STA	GES	5					
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FALLS BY CODE*	TOTAL	M	F	M	F	M	F	М	F	М	F	M	F	М	F	M	F	М	F	M	F	М	F	М	F	M	F	M	F	M	F
E 881 - From Ladder	2	2		1		1						1		1																	
E 885 - Same Level	2	2		1		1						1		1							us finitionities ca										
TOTAL	4	4		2		2						2		2																	

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

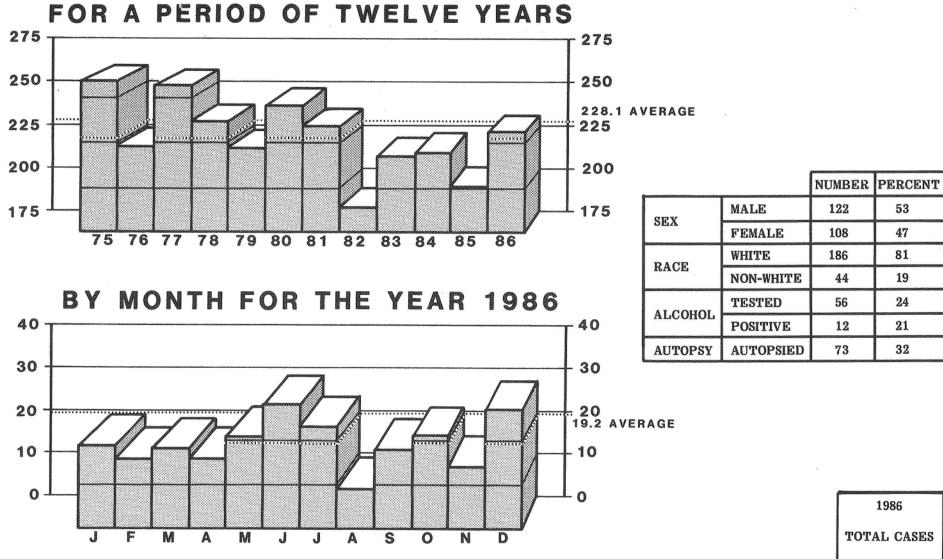
## FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

FALLS - AGE GROUPS

	grudestocc		Gimeline		gitter and a												-					-							-		-	-			L	Ά	Bl	E	24
FALLS BY CODE*		der ear	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	то	TAL	GRAND TOTAL
	М	F	М	F	M	F	М	F	M	F	М	F	M	F	М	F	M	F	M	F	M	F	M	F	M	F	М	F	M	F	M	F	М	F	M	F	М	F	1 10171
E 881 - From Ladder																							1				1										2		2
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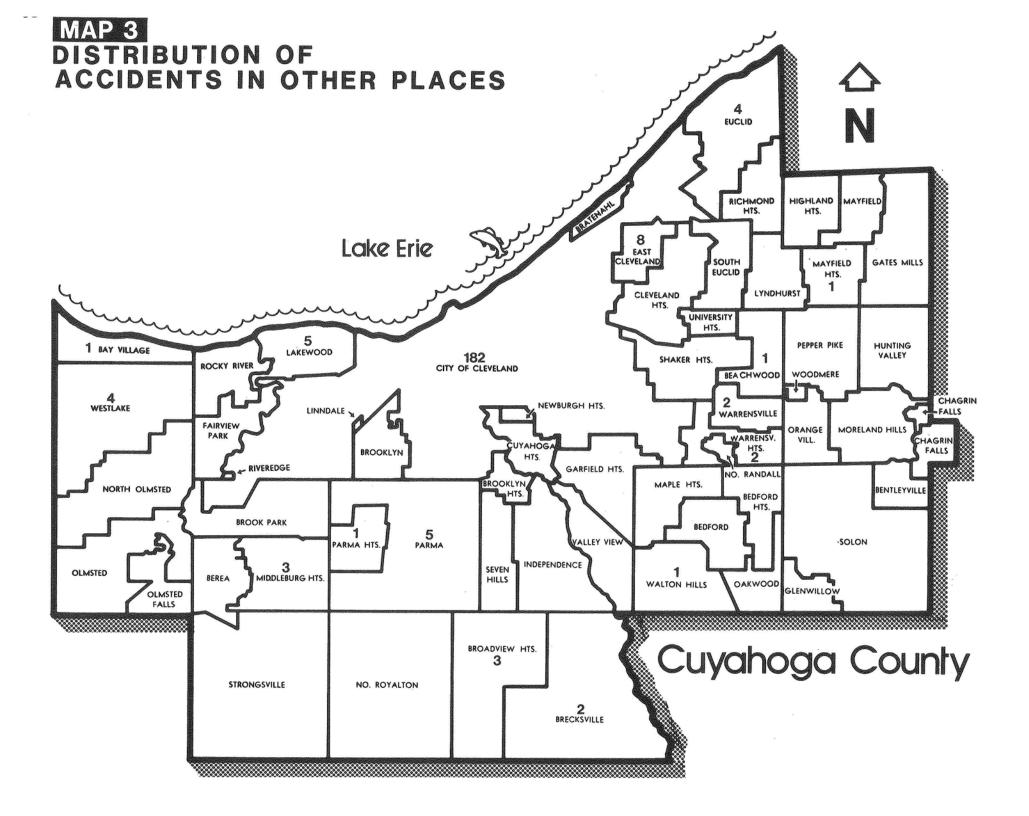
\* International Classification of Diseases by World Health Organization: Ninth Revision.

# ACCIDENTS IN OTHER PLACES

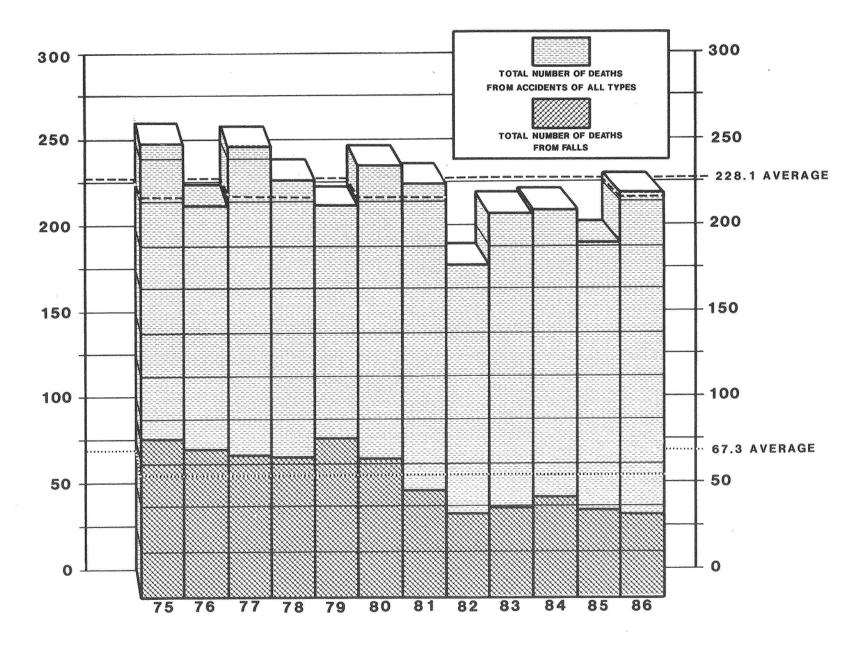


OR A DERIOD OF TWEIVE VEARS

230



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



#### MONTHLY ALCOHOL INCIDENCE

										glastera								-							000000000							UĽ		Ł		2	อ
		German			-	(galensi devas)		-	minoriutari			N	ОТ	rest	ED	-			white second second	TE	STEI	)				_				ST	AGES						
		т	otal	Cl	eve.	Co	unty		t of unty	т	otal	T	rv'd 'oo ong		der ge	Ot	her	т	otal	N	eg.	Р	0S.		01% 04%		05% )9%		10% 14%	0. 0.	15% 19%	0.: 0.:	20% 24%	0.2 0.1	25% 29%	0.30 or o	
MONTH	TOTAL	М	F	M	F	М	F	M	F	M	F	м	F	M	F	М	F	м	F	M	F	M	F	М	F	М	F	M	F	М	F	М	F	M	F	м	F
JANUARY	19	7	12	6	8	1	3		1	4	11	3	7			1	4	3	1	3	1																
FEBRUARY	16	9	7	6	3	3	3		1	7	6	7	6			S		2	1	1	1	1						1			- 1						
MARCH	18	9	9	7	7	2	2			6	7	5	6			1	1	3	2	3	2																
APRIL	16	7	9	7	8		1			5	8	2	5	1	1	2	2	2	1	2	1																
МАУ	21	13	8	11	8	2				10	6	8	5			2	1	.3	2	2	2	1										1					
JUNE	28	15	13	12	12	3	1			12	11	7	7	1	1	4	3	3	2		2	3								3							
JULY	23	12	11	9	6	2	5	1	5	6	9	4	7			2	2	6	2	4	1	2	1				1	1				1					
AUGUST	9	4	5	4	4				1	2	5	1	2			1	.3	2		2																	
SEPTEMBER	18	11	7	11	6		1			10	5	9	5			1		1	2	1	2																
OCTOBER	21	12	9	10	6	2	3			3	9	3	7				2	10		6		3		1		1								1			
NOVEMBER	14	8	6	7	4	1	2			7	4	5	4			1		1	2	1	2	1										1					
DECEMBER	27	15	12	12	8	3	3		1	12	10	9	8			3	2	3	2	3	2																
TOTAL	230	122	108	102	80	19	24	1	4	83	91	63	69	2	2	18	20	39	17	28	16	11	1	1		1	1	2		3		3		1			

### TABLE 26

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			то	otal	To	al	Sur Te Lo		Un Aj	der ge	Ot	her	То	tal	N	eg.	Po	s.	0.0 0.0		0.0		0.1			5% 9%		20% 4%	0.2			80% over
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1 Year	Non-White	1	1		1				1														annanen					-			-	
	White									-										-				-								
1 - 4	Non-White	3	1	2		2		1		1		-	1		1	-			anominum?					_								
F 0	White	1	1		1		1		-					_					_			-	neonanziata	-			emente					
5 – 9	Non-White	1	1								-		1	-	1		_							Contraction of Contract	ļ	-	-					
10 - 14	• White	1	1										1		1		_						-		L						-	
10 - 14	Non-White	1	1	1					the party of the second	annumentalia	nunterrow	-	1		1		-			_	-			_	ļ						-	
15 - 19	White	2	2		1		1	2					1	_		-	1								ļ				1	_		
10 - 10	Non-White	3	1	2	1	1		1			1			1		1						-				_						
20 - 24	White	1	1			-							1		1				-					-								
40 - 41	Non-White	1	1			_				-			1			-	1						_		1	-		-	-		-	
25 - 29	White	6	.4	2	2	1	1	1			1		2	1	1		1	1	-			1			1							
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30 - 34	White	3	2	1		1		1			L		2	_	1	ļ	1	<u> </u>	-	_				-	1		-			$\vdash$		
	Non-White	1	1									-	1		L		1		1					_	-			-	_			
35 - 39	White	.4	3	1	1		1	-		-	L		2	1	2	1	L			-			-		<u> </u>	-	_					
	Non-White	5	3	2	2	1	2	1			ļ		1	1	1	1	<u> </u>								<u> </u>		-	and descent and a				
40 - 44	White	3	1	2		1		1			<u> </u>		1	1	1	1	<u> </u>						-		<u> </u>							
	Non-White	5	3	2	1	1	1	1	-			-	2	1	1	1	1		-		_		1		<u> </u>		9					
45 - 49	White	9	7	2	5	1	5				-	1	2	1		1	2						<u> </u>		<u> </u>		2	Continueto		$\vdash$		$\vdash$
	Non-White	2	2		1		1		-		-	ant-sub-cos	1		1					L			-			ewenter	21/200200				-	
50 - 54	White	8	5	3	3	3	1	3			2	-	2	-	2	<u> </u>	<u> </u>								-		-			$\vdash$		
	Non-White	2	<u> </u>	2	L	1		1					-	1	L	1			D-CONTRACTO	-			-								-	
55 - 59	White	7	3	4	2	4	2	4	electro inte	augucoutes.			1		1	-						eukuminana	distant sectors in the	-	-							
	Non-White	2	2	-	1		1						1	-	1		<u> </u>						augustada			-	1				-	
60 - 64	White	24	13	11	11	11	8	6	-		3	5	2	-	1	<u> </u>	1								<u> </u>		1					
	Non-White	3	2	1	2	-	1			-	1	-		1		1	-		-	-			-	-		-	_			$\vdash$	ansister of	
65 - 69	White	34	17	17		14		10			3	4	4	3	3	3	1		-				1		┣							
	Non-White	3	3		2		2				-	-	1		1	-	ļ				——			-								
70 - 74	White	21	11	10	10	8	8	6			2	2	1	2	1	2	-						<u> </u>							$\vdash$		
	Non-White	2	1	1	1	1	1	1	_					-	-		-	oemoonee	-								-	-		$\vdash$		
75 - 79	White	20	8	12	7	11	5	8			2	3	1	1	1	1	<u> </u>								<u> </u>			Sambourner 1	-		-	
	Non-White	1	ļ	1		1		1							-	-									<u> </u>	-					-	
80 – over	White	33	9	24	8	23	5	18			3	5	1	1	1	1																
	Non-White	3	1	2	-	2		2	-		-		1		1		-					1					-		1			
TOTAL	White	186	94	92	and the second division of the second divisio	81	No. of Concession, Name	60	1	1	16	20	-	11	17	10	7	1	1		1	1	1		2		3		1			
	Non-White	44	28	16	and the second second	10	10	9	1	1	2	20	15	6	11 28	6 16	4	1	1		1	1	2	erconented	3		3		1	_	anico mate	
GRAND	) TOTAL	230	122	108	83	91	63	69	2	2	18	20	39	17	40	110	11	1	-	-	-	-	-	And and a second	Ľ		Normal Street		Ĺ			

#### **MODE - ALCOHOL INCIDENCE**

										processo	-			ADDRESS OF	nikatione-on	and the theory of	100 A Marcola		-					Criscos Color	-	00								A	51	13	2	
		ginisticas				_		-					NOT	' TE	STE	D					TE	STE	D	-			-		-		ST	AGES	3		-	ation of the local states	ingentine metal	
		Т	otal	Cl	eve.	Co	unty		t of unty	т	otal	Taylor 1	urv'o Too Long		Und Age		Ot	her	т	otal	N	leg.	F	os.		01% 04%		05% 09%		10% 14%		15% 19%	0. 0.	20% 24%		25% 29%		30% over
MODE	TOTAL	M	F	м	F	М	F	M	F	М	F	N	1 F	T	м	F	М	F	M	F	М	F	м	F	М	F	M	F	м	F	М	F	М	F	M	F	М	F
ASPHYXIA	16	14	2	10	1	4	1			4	1	2	1				2		10	1	6	1	4		1				1		1		1					
BURNING	3	2	1	1	1	1									Τ				2	1	1	1	1										1					
CRUSHING	1	1				1						Γ							1				1				1											
EXPOSURE	3	2	1	2			1							Τ	Τ				2	1		1	2						1				1					
FALLING	46	20	26	12	10	7	13	1	3	15	23	12	19				3	4	5	3	4	3	1								1			х,				
POISONING	11	9	2	9	1				1	1	1	1	1	T					8	1	7		1	1				1			1							
STRUCK BY TRAIN	3	3		3															3		2		1												1			
THERAPEUTIC COMPLICATION	146	70	76	64	67	6	9			63	66	48	48		2	2	13	16	7	10	7	10																
UNDETERMINED	1	1		1										Τ		Τ			1		1																	
TOTAL	230	122	108	102	80	19	24	1	4	83	91	63	69		2	2	18	20	39	17	28	16	11	1	1		1	1	2		3		3		1	on the boson of	000-0000	

### **MODE - ALCOHOL INCIDENCE**

EDNETRE

	κ.																							gamaania										15		2	3
												N	OT 7	rest	ED					TES	TED	)								ST	AGES	governmenter of	*****	Contraction of the local division of the loc			
		то	otal	CI	eve.	Co	unty	Ou Co	t of unty	т	tal	T	rv'd oo ong		ider ge	Ot	her	То	otal	N	eg.	Р	0S.	0.0	)1% )4%	0.0 0.0	05% )9%	0.1 0.1	10% 14%	0. 0.	15% 19%	0.: 0.:	20% 24%	0.5 0.5	25% 29%	0.3 or o	
MODE	TOTAL	M	F	М	F	М	F	M	F	M	F	М	F	М	F	M	F	М	F	M	F	М	F	М	F	М	F	М	F	М	F	M	F	M	F	М	F
ASPHYXIA: Aspiration of Foreign Object	3	2	1		1	2				1	1		1			1		1		1						1											
Drowning	13	12	1	10		2	1	t	an an international	3		2				1		9	1	5	1	4		1				1		1		1			-		
TOTAL	16	14	-	10	1	4	1	-		4	1	2	1	-		2		10	1	6	1	4		1				1		1		1					
BURNING: Incidental Fire	3	2		1	1	1												2	1	1	1	1										1	gestration in the		-		LONGOLO S
TOTAL	3	2	1	1	1	1												2	1	1	1	1	-	-	ansonnes	-	-	enne	ļ		and the second second	1	-				2000
<u>CRUSHING:</u> Auto	1	1				1							-		(monitation)		e Sooni Gartieran	1		Liennatio		1				1	_								-		
TOTAL	1	1	-			1			-	-			-			-	L	1	00000000	-		1		-	-	1	h	associates.		-				-	and the second second		esisesia
EXPOSURE: Cold	2	1	1	1			1											1	1		1	1						1									
Heat	1	1		1														1				1	-		and a loss of the	-				-	-	1				_	-
TOTAL	3	2	1	2			1											2	1	-	1	2				-	-	1	-	L	-	1		-	00256399400	-	
STRUCK BY TRAIN: Employee	1	1		1														1		1																	
Trespasser	2	2		2							-				-		-	2		1	-	1				-	-	-						1	-		
TOTAL	3	3		3														3		2		1						-						1		and second second	100000000

#### **MODE - ALCOHOL INCIDENCE**

TADLESS

										gamment					C.C.r.inteture			and the second se			-	-	(maintegration											AL	<u>ار</u>		4	E
												1	TOV	TES	STEL	)					TE	STEI	D								ST	AGES	5					
		Т	otal	Cl	eve.	Co	unty		t of unty	Т	otal		irv'd Foo ong	1	Jndei Age		Othe	er	То	tal	N	eg.	Р	os.		01% 04%		05% 09%		10% 14%		15% 19%	0. 0.	20% 24%		25% 29%		30% over
MODE	TOTAL	М	F	M	F	M	F	м	F	M	F	M	F	M	I F	1	M	F	M	F	М	F	М	F	м	F	м	F	M	F	M	F	M	F	М	F	M	F
<u>POISONING:</u> Ethanol, Diazepam and Cannabinoids	1	1		1												T			1				1								1							
Ethanol, Diazepam, Methadone and Morphine	1		1		1									Τ		T				1				1				1										
Cocaine	2	2		2									Τ	Τ	1	Τ	T	T	2		2																	
Ethylene Glycol	1	1		1							Γ		Τ	Т	Τ	Т		T	1		1																	
Intravenous Drug Abuse	3	2	1	2					1		1		1	Ι		Τ			2		2																	
Tincture of Opium	1	1		1						1		1			L	Γ																						
Cocaine and Opiate	1	1		1												Γ			1		1																	
Methadone and Morphine	1	1		1															1		1	-																-
TOTAL	11	9	2	9	1	Contraction of the	-		1	1	1	1	1			L	Ι		8	1	7		1	1				1			1		_					
THERAPEUTIC COMPLICATION:	146	70	76	64	67	6	9			63	66	48	48	2	2 2	1	3 1	16	7	10	7	10																
TOTAL	146	70	76	64	67	6	9			63	66	48	48	2	2 2	1	3 1	6	7	10	7	10																
<u>UNDETERMINED:</u> Trunk Injury	1	1		1															1		1																	
TOTAL	1	1		1									L	Γ		Ι	Ι	Τ	1		1																	

**MODE - AGE GROUPS** 

TADLE 20

.

																																				(m)			90
		der ear	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	то	TAL	GRAND TOTAL
MODE	М	F	м	F	M	F	М	F	М	F	М	F	M	F	М	F	M	F	М	F	M	F	M	F	М	F	М	F	M	F	M	F	M	F	M	F	M	F	
ASPHYXIA					1		1		2		1		1		1		2		1	1	1		1						1	1	1						14	2	16
BURNING	T		1		Ī		Γ																				1			1							2	1	3
CRUSHING			$\square$		Γ		Γ						1																								1		1
EXPOSURE			Ī															1			1								1								2	1	3
FALLING			Γ		Γ		Γ						1		1		2										2	3	1	2		2	4	3	9	16	20	26	46
POISONING	1		T		$\square$						1		2	1		1	1		2		1				2												9	2	11
STRUCK BY TRAIN	$\uparrow$				Γ		1		1						1																						3		3
THERAPEUTIC COMPLICATION	7	3		2	1					2			3	2			1	2	1	3	6	2	4	5	3	4	12	9	16	13	11	9	4	10	1	10	70	76	146
UNDETERMINED																									-				1								1		1
TOTAL	7	3	1	2	2		2		3	2	2		8	3	3	1	6	3	4	4	9	2	5	5	5	4	15	12	20	17	12	11	8	13	10	26	122	108	230

#### FALLS - ALCOHOL INCIDENCE

				(Service of the service of the servi	and a fair and a fair and a fair a fair a fair a fair a fair a fair a fair a fair a fair a fair a fair a fair a	and end of the	-					-																В		. 6	<u>M</u>
						N	OT 1	rest	ED					TES	TED									ST	AGES	5					
		т	otal	Т	otal	T	rv'd oo ong		ıder ge	Ot	her	Т	otal	N	eg.	Р	os.		01% 04%		05% 09%		10% 14%		15% 19%		20% 24%	8	25% 29%		30% over
FALLS BY CODE*	TOTAL	M	F	M	F	M	F	M	F	M	F	M	F	M	F	М	F	M	F	M	F	M	F	M	F	M	F	М	F	M	F
E 880 - From Stairs	3	2	1	2	1	2					1					Ι										ľ				Contenences of	
E 882 - From Building or Other Structure	1	1										1				1								1							
E 884 - From One Level to Another																															
Bed	4		4		4	A R I R R R R R R R R R R R R R R R R R	4														,										
Chair	2	1	1	1	1		1			1																					
Embankment	1	1										1		1																	
Scale	.1		1		1		1																								
E 885 - On Same Level	26	11	15	10	13	9	12			1	1	1	2	1	2																
E 888 - Unspecified	8	4	4	2	3	1	1			1	2	-2	1	2	1																
TOTAL	46	20	26	15	23	12	19			3	4	5	3	4	3	1								1							

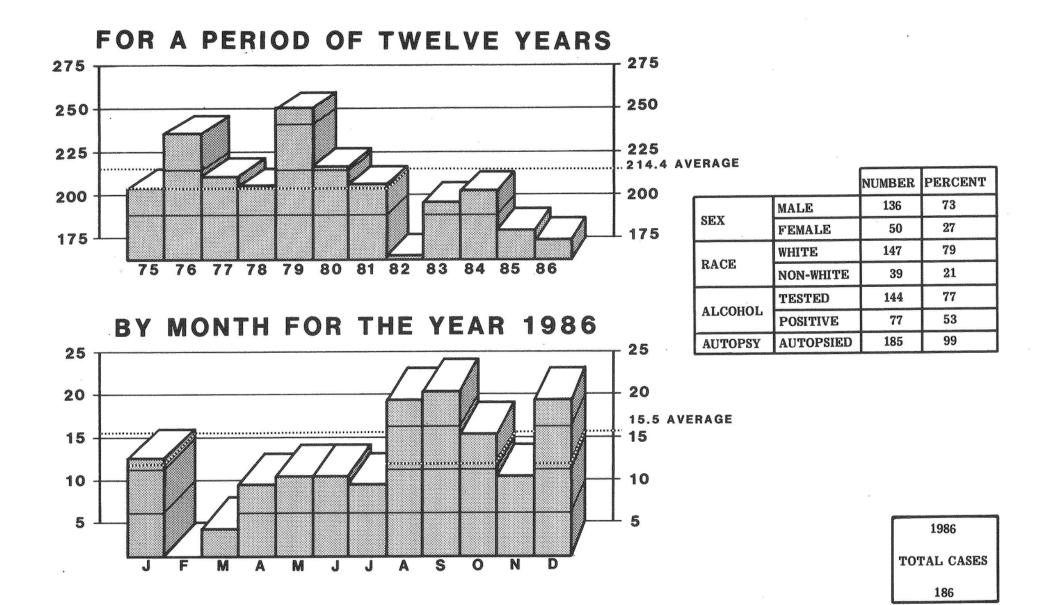
\* International Classification of Diseases by World Health Organization: Ninth Revision.

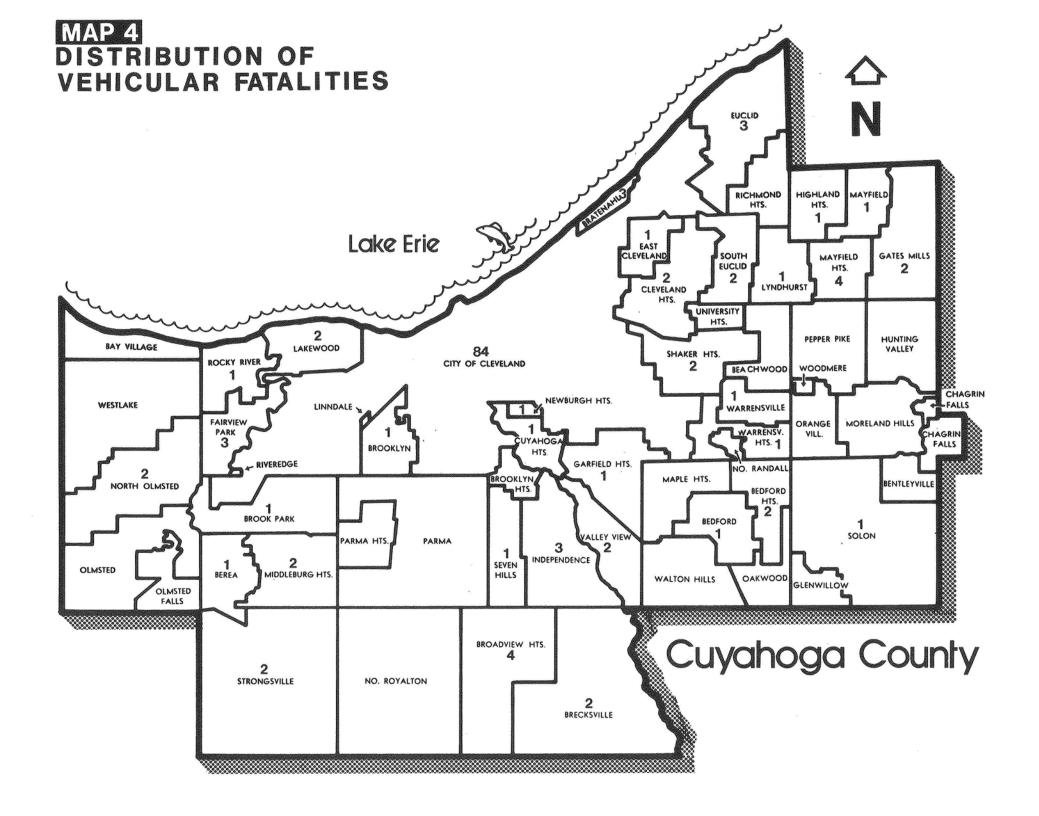
#### FALLS - AGE GROUPS

																	-												-						I.	A	B		32
	Un 1 Y	ider Zear	1	- 4	5	- 9	10	- 14	15 -	- 19	20 -	- 24	25 -	- 29	30 -	- 34	35 -	- 39	40 -	- 44	45 -	- 49	50 -	54	55 -	59 6	60 -	64	65 -	- 69	70 ·	- 74	75	- 79	80-	over	то	TAL	GRAND TOTAL
FALLS BY CODE*	М	F	M	F	M	F	М	F	М	F	M	F	M	F	M	F	М	F	M	F	М	F	M	F	M	F	M	F	M	F	M	F	M	F	М	F	M	F	1
E 880 - From Stairs													1															1							1		2	1	3
E 882 - From Building or Other Structure															1																						1		1
E 884 - From One Level to Another														5									÷											1		3		4	4
Bed	┝─	┝	┝	┢	┢	$\vdash$	┢		┝	-	$\vdash$	-	-	-	-									+	-	+	+	+	$\neg$	$\neg$	-		┢		1	1	1	1	2
Chair	Ļ	ļ	Ļ			-	<b>_</b>		<u> </u>		-		<u> </u>		<u> </u>					_				$\rightarrow$	_	┿		+	-+	-					-			+	
Embankment																											1										1		1
Scale			Ī				Ĺ																			Τ		Τ				1						1	1
E 885 - On Same Level																	1										1	1	1	2		1	3	1	5	10	11	15	26
E 888 - Unspecified																	1											1					1	1	2	2	4	4	8
TOTAL					Ι								1		1		2										2	3	1	2		2	4	3	9	16	20	26	46

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

# VEHICULAR ACCIDENTS





#### **BLOOD ALCOHOL CONCENTRATION BY WEIGHT**

APPROXIMATE PERCENT OF ALCOHOL CONCENTRATION IN BLOOD\*

		I	2	3	4	5	6	7	8	9	10
	240	0.016	0.031	0047	0.063	0.078	0.094	0.109	0.125	0.141	0.156
â	220	0.017	0.034	0.051	0.068	0.085	0.102	0.119	0.136	0.153	0.170
ворү	200	0.019	0.038	0.056	0.075	0.094	0.113	0.131	0.150	0.169	0.188
WEIGHT	180	0.021	0.042	0.063	0.083	0.104	0.125	0.146	0.167	0.188	0.208
	160	0.023	0.047	0.070	0.094	0.117	0.141	0.164	0.188	0.211	0.234
IN PC	150	0.025	0.051	0.075	0.101	0.126	0.151	0.176	0.201	0.226	0.251
POUNDS	140	0.027	0.054	0.080	0.107	0.134	0.161	0.188	0.214	0.241	0.268
S	120	0.031	0.063	0.094	0.125	0.156	0188	0.219	0.250	0.281	0.313
	100	0.038	0.075	0.113	0.150	0.188	0.225	0.263	0.300	0.338	0.375

TOTAL NUMBER OF DRINKS\*\*

\* 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.

# PHARMACOLOGICAL EFFECTS OF ALCOHOL

SOMESTHETO-PSYCHIC AREA AFFECTED BY 0.10-0.30% ALCOHOL DULLED OR DISTORTED SENSIBILITIES

#### **PSYCHOMOTOR AREA**

#### AFFECTED BY 0.10-0.20% ALCOHOL

APRAXIA TREMORS AGRAPHIA SLURRED SPEECH ATAXIA LOSS OF SKILL

#### 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 EXALTATION INCREASED CONFIDENCE EXPANSIVENESS GENEROSITY ALTERED JUDGEMENT INCREASED GOOD FELLOWSHIP LOQUACIOUSNESS DULLING OF ATTENTION BASAL GANGLIA

ATERAL I

PONS

MEDUL

ARIETAL LOBE

AFFECTED BY 0.20-0.30% ALCOHOL DISTRUBANCE OF: COLOR PERCEPTION FORM

VISUO-PSYCHIC AREAS

DIMENSIONS

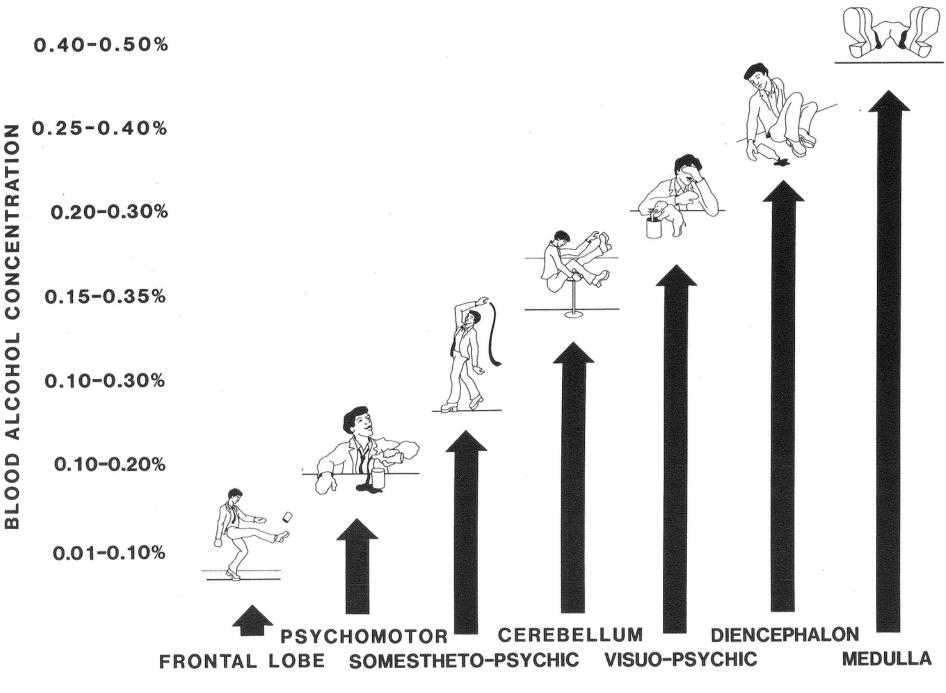
FORM MOTION DISTANCE

CEREBELLUM AFFECTED BY 0.15–0.35% ALCOHOL DISTURBANCE OF EQUILIBRIUM

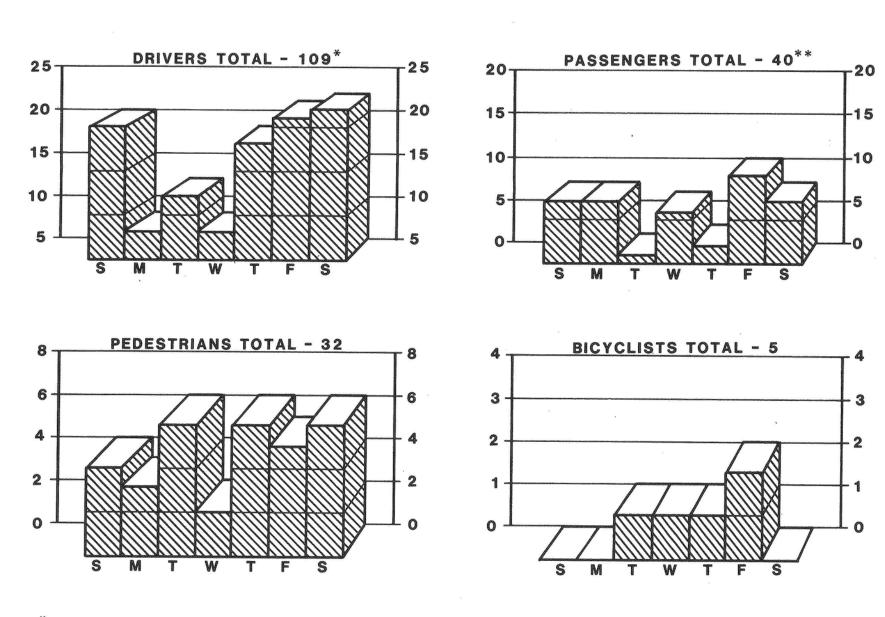
"THE ACTION OF ALCOHOL ON THE BRAIN IS FROM FIRST TO LAST LIKE THAT OF A NARCOTIC DRUG"

DIENCEPHALON AFFECTED BY 0.25-0.40% ALCOHOL APATHY INERTIA TREMORS CESSATION OF AUTOMATIC MOVEMENTS SWEATING DILATION OF SURFACE CAPILLARIES STUPOR COMA MEDULLA AFFLCTED BY 0.40-0.50% ALCOHOL DEPRESSION OF RESPIRATION PERIPHERAL COLLAPSE SUBNORMAL TEMPERATURE DEATH

# ALCOHOL EFFECTS ON BRAIN DEMONSTRATED PICTORIALLY



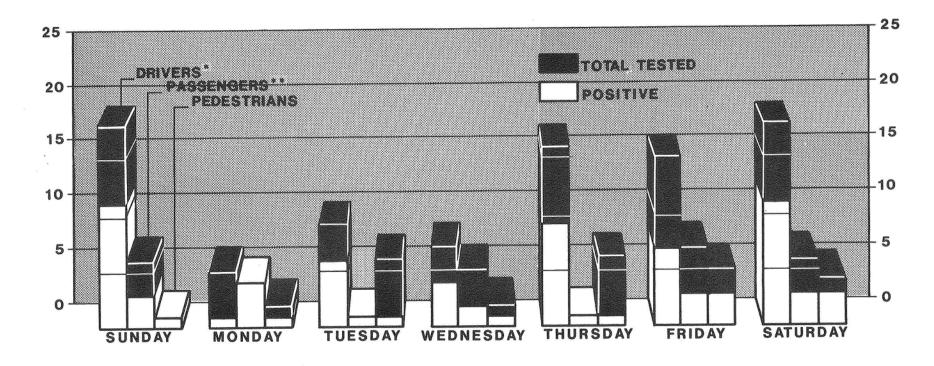
AREAS AFFECTED BY ALCOHOL



VEHICULAR FATALITIES DAILY INCIDENCE

\* INCLUDES 29 MOTORCYCLE DRIVERS \*\*INCLUDES 4 MOTORCYCLE PASSENGERS

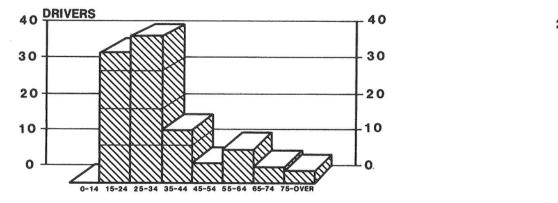
## VEHICULAR FATALITIES DAILY ALCOHOL INCIDENCE

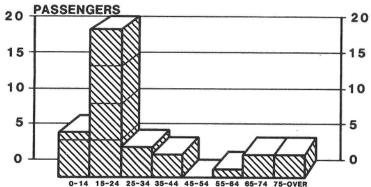


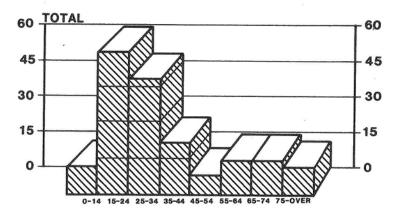
#### \*INCLUDES 29 MOTORCYCLE DRIVERS \*INCLUDES 5 BICYCLE DRIVERS \* \*INCLUDES 4 MOTORCYCLE PASSENGERS

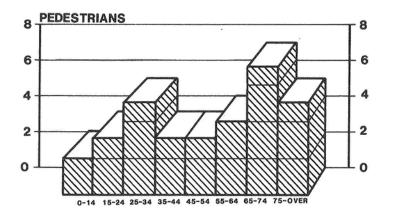
	TESTED	POSITIVE
DRIVERS:	88	49
<b>PASSENGERS:</b>	30	17
<b>PEDESTRIANS:</b>	26	11
TOTAL:	144	77

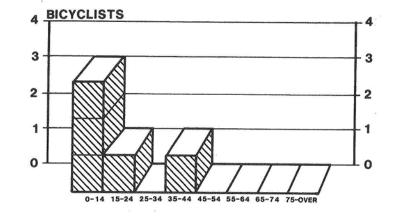
VEHICULAR FATALITIES AGE GROUPS-CLASSIFICATION OF VICTIMS











# **VEHICULAR FATALITIES CLASSIFICATION OF VICTIMS-ALCOHOL INCIDENCE**

# TABLE 33

TARLE 24

															NO	тт	ESTI	ED		0000000		angineniya-a	TE	STEI	)			(FOUL FILM					ST.	AGE	s			and a second second		
		То	otal	CI	eve.	Co	inty	Ou Cou			'urn- ike	1	[ota]		Surv To Lor	0	Un Aş		Oti	ier	Т	otal	N	eg.	Р	os.	0.0 0.0			05% 09%		10% 14%		15% 19%		20% 24%		25% 29%		30% over
CLASSIFICATION	TOTAL	M	F	М	F	M	F	м	F	М	F	M	A F	T	M	F	М	F	М	F	M	F	M	F	M	F	М	F	M	F	M	F	M	F	M	F	M	F	M	F
BICYCLIST	5	5		2		1		2				4	ł		2		2				1		1																	
DRIVER*	109	90	19	44	8	28	7	18	4			18	3 4	1	15	4			3		72	15	32	6	40	9	1	1	5	1	5		9	2	9	3	7	2	4	
PASSENGER**	40	21	19	5	8	10	6	6	5			4	. 6	;	3	2	1	3		1	17	13	4	9	13	4	5		3	. 2	2	1	2	1	1					
PEDESTRIAN	32	20	12	11	6	4	6	5				5	; ;	L	4	1	1	and the local data			15	11	7	8	8	3			2		2	1	2	1		1	1		1	
TOTAL	186	136	50	62	22	43	19	31	9			31	11		24	7	4	3	3	1	105	39	44	23	61	16	6	1	10	3	9	2	13	4	10	4	8	2	5	

\* Drivers include 29 motorcyclists. \*\* Passengers include 4 motorcycle passengers.

#### MONTHLY ALCOHOL INCIDENCE

																																		low-shirt film	-		LL			HURS	0	60
																NO	T T	EST	ED					TE	ST	ED									ST.	AGE	s					
		т	otal	CI	eve.	c	ounty		Dut Cour			urn- ike	Т	otal		Surv Too Lon			der ge	Ot	her	т	otal	ľ	Veg.		Po	s.		01% 04%	0.0 0.0	05% 09%		10% 14%		15% 19%		20% 24%		25% 29%		30% over
MONTH	TOTAL	M	F	M	F	N	1 F	T	м	F	М	F.	M	F		м	F	M	F	M	F	М	F	M		F	M	F	М	F	M	F	М	F	М	F	M	F	М	F	М	F
JANUARY	16	10	6	5	3	2	2		3	1			3	3	3	2	1	1	2			7	3	1	L	3	6						3		1		1		1			
FEBRUARY	5	3	2	2	1	T		Τ	1	1			1	1		1	1					2	1		l		1	1							1	1						
MARCH	8	4	4	2		1	4	Τ	1				2	1		2	1					2	3	1	2	1		2		1						1						-
APRIL	13	8	5	4	1	4	2	Τ		2			2	] 1		2					1	6	4	3	3	3	3	1			1						1		1	1		
МАУ	14	10	4	7	2	1	1		2	1			4	1		3		1	1			6	3	4	ł	1	2	2			1	1							1	1		
JUNE	14	12	2	7	2	4		T	1				2			1				1		10	2	5	5	1	5	1							2	1			1		1	
JULY	13	9	4	4	1	4	2	T	1	1			2	] 1		2	1					7	3	3	3	2	4	1					1		1			1			2	
AUGUST	23	15	8	5	5	6	3	T	4				3	1		2	1			1		12	7	5	;	5	7	2	1		1				1		4	2				
SEPTEMBER	24	22	2	8	1	8	1	T	5				3	1		2	1	1				19	1	7	ľ		12	1	1		4	1	2		2		2		1			
OCTOBER	19	16	3	5	2	6	1	T	5				2		Ι	1				1		14	3	4	•	Ι	10	3	1		2	1	1	1	3		1	1	1		1	
NOVEMBER	14	10	4	7	1	1	2	T	2	1			4			4						6	4	1		4	5								2		1		2			
DECEMBER	23	17	6	6	3	6	1	I	5	2			3	1		2	1	1				14	5	8		3	6	2	2		1		2	1		1					1	
TOTAL	186	136	50	62	22	43	19	3	1	9			.31	11	2	24	7	4	3	3	1	105	39	44	2	3	61	16	6	1	10	3	9	2	13	4	10	4	8	2	5	

#### DAILY ALCOHOL INCIDENCE

#### TABLE 35 NOT TESTED TESTED STAGES Surv'd Under 0.01% 0.05% 0.10% 0.15% 0.20% 0.25% 0.30% Total Too Total Total Other Neg. Pos. 0.04% 0.09% 0.14% 0.19% 0.24% 0.29% Age or over Long MF TOTAL M F MF MF MF М F М F MF MF DAY MF MF MF MF MF MF SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY 11 24 TOTAL

# AGE-RACE-ALCOHOL INCIDENCE

# TABLE 36

					<u> </u>		NC	тт	ESTI	ED					TES	STEI	)		<b>[</b>		and the second second second second second second second second second second second second second second second				STA	GES			10000000	0000000		leafer Street
		1			annai 1000		Sur	-	-	der	Γ				<b></b>		<b></b>		0.0	1%	0.0	5%	0.1	0%	-	15%	-	20%	0.2	25%	0.3	0%
			То	tal	To	tal	To Lo			ge	Ot	her	То	tal	N	eg.	Po	s.	0.0		0.0		0.1		0.1	9%	0.5	24%	0.2	9%	or o	over
AGE	RACE	TOTAL	M	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F	М	F	M	F	M	F	M	F	М	F	М	F
Under	White												_				-								ļ		-		-			
1 Year	Non-White	1		1		1			-	1			_				-			-	_	-			L		-			$\vdash$		
1 - 4	White	4	2	2	2	2			2	2			-		<u></u>	-		<u> </u>				enected to make			<u> </u>		<b></b>				$\square$	-
1-*	Non-White								-	-			-	-					_			-				-	-			$\vdash$	$\square$	
5 - 9	White	1	1	-	1	encedirekte			1				-			-		<u> </u>	_			-									$\vdash$	_
0 0	Non-White				-		-																				<u> </u>			$\vdash$	$\vdash$	
10 - 14	White	4	3	1	1				1		<u> </u>		2	1	2	1	-			-	-	CARD IN COLOR			-				-			
	Non-White	1	1	-	cie de la section de la section de la section de la section de la section de la section de la section de la se					emission			1		1		-		-	-	-			-			<u> </u>				1	
15 - 19	White	13	7	-	2	1	1	1	·		1		5	manan	1	2	4	3	1		2	1		1	1	1					۱ ۲	
	Non-White	3	2	1									2			1	2		1	-	_	1	0		-	1	0		1		$\vdash$	
20 - 24	White	35	30		6		5				1		24	5	10	2	14	3	2	1	3	1	3		3	1	2		1		$\vdash$	
	Non-White	8	5	3	1		1	-		-			4	3	3	3	1			_		Mathematical State			<u> </u>	1	1		2	$\vdash$	1	
25 - 29	White	25	20	and succession.	2	1	2	1					18	4	6	2	12	2			1	-	2		3	1	3	1	4	$\vdash$	1	
	Non-White	7	6	1		-		mancinos		-			6	1	3	L	3	1				ocavie Nati	1		1	-	1	1	<u> </u>			$\vdash$
30 - 34	White	10	8		1	1	1	1	ļ			_	7		1	1	6		2		2		1		-		-	1		<b>  </b>	2	
	Non-White	6	5				ļ		-	-			5	1	1		4	1			1	1	L.			-	1		2		<u></u>	$\vdash$
35 - 39	White	7	6	woman and	1	ļ	1	-	ļ				5		2	-	3	1				1			2		1		1	$\vdash$		<u> </u>
	Non-White	9	8	-	1		1	-	<u> </u>		<u> </u>		7		3	1	4		<u> </u>	-	and the second second				2		-		1	$\vdash$	$\vdash$	$\vdash$
40 - 44	White	4	3	1	2	L	1		Ļ		1		1	1		1	1		<u> </u>								1		<u> </u>	$\vdash$	$\vdash$	$\vdash$
	Non-White	1	1		-		<u> </u>	-	<u> </u>		-	-	1	<u> </u>	3	-	1	1					1				-	1		$\vdash$		$\vdash$
45 - 49	White	6	5		1		1						4		3		-	1			_		-		<u> </u>	-	-			1		$\vdash$
	Non-White	1		1	L	-		-	<u> </u>		<b></b>		<u> </u>	1	L			<u> </u>				AND REAL PROPERTY.	-		1					-	$\vdash$	$\vdash$
50 - 54	White	1	1						<u> </u>	-			1				1							-	-							$\vdash$
	Non-White			-	_					-				-	-			1		-			-	1								$\vdash$
55 - 59	White	4	3	1	1		1	-	ļ		<u> </u>		2	1	2		-	1		-									1	$\vdash$		
	Non-White	1	1			-		-			<u> </u>		1		-		1		<u> </u>						1				<u> </u>	1		
60 - 64	White	.8	5	3	1	2	1	2	<u> </u>		<u> </u>		4	1	3		1	1				-			<u> </u>		┝──			-	$\vdash$	
	Non-White	1	1	-	1		1	-			<u> </u>	-	-	0	1	-	<b> </b>	1		-		-	1			1					$\vdash$	
65 - 69	White	5	.2	3	-	1	<b> </b>					1	2	2	1	1	1						-			-				$\vdash$	$\vdash$	$\vdash$
	Non-White			-	-		-	-					0	2	1	3	1				1				-		-		-	$\vdash$	-	$\vdash$
70 - 74	White	9	4	5	2	2	2	2					2	3	1	3	-				-									$\vdash$		$\vdash$
	Non-White									<u> </u>			-	0		1							-							$\vdash$	$\vdash$	$\vdash$
75 - 79	White	5	2	3	2		2	-						3		3				-			-								$\vdash$	<u> </u>
	Non-White					-											-													$\vdash$		$\vdash$
80 – over	White	6	4	2	3		3						1	2	1	2			-											$\vdash$	$\vdash$	$\vdash$
	Non-White	ļ	- conters of	-	-	-		executing			-				-	10	4.5	10	-	-	-		-	-			-		C		2	
TOTAL	White Non White	147	106	and so the second	28	10	21	7	4	2	3	1	78 27	31 8	33 11	18 5	45 16	13 3	5 1	1	9 1	3	7	2	9	4	7	2	6 2	1	2	$\vdash$
0.5.4.1	Non-White	39	30	Concerned in	3	1	3	-		1	-	4	and the second	Surger Street, or other	-	CALCUMPTON OF	and the local division of the	1133759700		1	-	2	-	2	and south and	4	and so the second	COLOR OF COLOR	8	2	5	
GRAND	) TOTAL	186	136	50	31	11	24	7	4	3	3	1	105	39	44	23	61	16	6	1	10	3	9	2	13	4	10	4	ð	2	5	and the second second

### TYPE OF ACCIDENT-ALCOHOL INCIDENCE

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												process	latsarcaspi							-			antearra								de la como					31		S	37
														N	OT '	rest	ED					TE	STE	D								ST	AGE	s					
		та	otal	Cl	eve.	Co	unty		t of unty		'urn- oike	Т	otal	Т	rv'd 'oo ong	1 01	nder .ge	Ot	her	т	otal	N	eg.	P	0s.		01% 04%	0. 0.	05% 09%		10% 14%		15% 19%		20% 24%		25% 29%		.30% over
TYPE	TOTAL	М	F	M	F	M	F	М	F	М	F	М	F	M	F	M	F	M	F	M	F	М	F	M	F	M	F	М	F	M	F	М	F	М	F	M	F	M	F
NON-TRAFFIC:													Γ			Γ		Γ			Γ	Γ	Ι		ľ				Γ	Γ	Γ	Γ	Γ	Γ		Γ	Γ	Γ	Τ
Collision	5	3	2	2			2	1				1	1	1	1					2	1	2	1																
Non-Collision	2	2		1				1												2		1		1						1		Γ		1		Γ	Γ	Γ	Γ
TOTAL	7	5	2	3			2	2				1	1	1	1					4	1	3	1	1						1			Beaming age						
TRAFFIC:														Ι				Γ							12220000		1200montur					Ī							
Collision	167	122	45	57	21	39	17	26	7			28	8	21	5	4	2	3	1	94	37	39	21	55	16	4	1	8	3	7	2	13	4	10	4	8	2	5	
Non-Collision	12	9	.3	2	1	4		3	2			2	2	2	1		1			7	1	2	1	5		2		2		1		Γ							Γ
TOTAL	179	131	48	59	22	43	17	29	9			30	10	23	6	4	3	3	1	101	38	41	22	60	16	6	1	10	3	8	2	13	4	10	4	8	2.	5	Sector Sector
TOTALS:																																					and a more than the		Petersoneurs.
Non-Traffic	7	5	2	. 3			2	a 2				1	1	1	1					4	1	3	1	1						1								1	
Traffic	179	131	48	59	22	43	17	29	9			30	10	23	6	4	3	3	1	101	38	41	22	60	16	6	1	10	3	8	2	13	4	10	4	8	2	5	Γ
TOTAL	186	136	50	62	22	43	19	31	9			31	11	24	7	4	3	3	1	105	39	44	23	61	16	6	1	10	3	9	2	13	4	10	4	8	2	5	

### NON-TRAFFIC ALCOHOL INCIDENCE

# TABLE 38

														NC	от т	ESTI	ED					TES	TED	1								STA	AGES	5				
		То	tal	Cle	eve.	Co	inty	Ou Cou	t of inty		urn- ike	То	tal	Sur To Lo	00	Un Ag	der ze	Oth	er	То	tal	Ne	eg.	Po	s.	0.0 0.0			)5% )9%		10% 14%		15% 19%		20% 24%		25% 29%	0.30 or ov
TYPE	TOTAL	М	F	М	F	M	F	М	F	M	F	M	F	M	F	М	F	M	F	M	F	М	F	M	F	M	F	М	F	М	F	М	F	М	F	М	F	м
COLLISION: Auto-Fixed Object Driver of auto that struck concrete support base.	1	1		1								1		1																								
Auto-Pedestrian Struck by auto in parking lot.	1	1						1												1		1					÷											
Struck by auto that was backing up.	1		1				1														1		1															
Lost balance then struck by auto that was backing out of driveway.	1		1				1						1		1																							
Truck-Pedestrian Struck by truck whose accelerator stuck.	1	1		1																1		1								_								
ION-COLLISION: Driver of auto that slid down embankment.	1	1		1									~							1				1						1								
Driver of all terrain vehicle over turned.	1	1				-		1			-					mananti				1	_	1		1					unert-relatio	1					644167250			
TOTAL	7	5	2	3			2	2				1	1	1	1					4	1	0	-	-						-	-		-			-	and the second	

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#### TRAFFIC-COLLISION-ALCOHOL INCIDENCE

TARIE 20

												minshone	-		-	-	-		California (		CALCULAR DE LA COLONIA DE LA C		terrestations	No. of Concession, Name			100461030	CONTRACTOR OF	00.001+0054			-	2500X		al.			હ	S
														N	OT 1	rest	ED					TE	STEI	D								ST	AGE	S					
		т	otal	CI	eve.	Co	unty		t of inty		urn- ike	Т	otal	T	rv'd oo ong		ıder .ge	Ot	her	т	otal	N	eg.	Р	os.		01% 04%		05% 09%		10% 14%		15% 19%		.20% .24%		25% 29%		30% over
TYPE	TOTAL	М	F	М	F	М	F	M	F	М	F	М	F	М	F	М	F	M	F	М	F	M	F	M	F	М	F	M	F	M	F	M	F	M	F	M	F	M	F
PEDESTRIAN Auto	25	17	8	10	4	4	4	3				5		4		I .				12	8	4	6	8	2			2	Γ	,		,	Ι,	Τ	Ι,	Ι,	Γ	1	
Motorcycle	1	1	1		1	-	<u> </u>	1°				Ť		1	1	† î	1		1	1	1	ŕ	1					T.		1ª	1	1				1	1		
Truck	2	1	1	1	1	1		1				Î	1					1		1	1	1			1				1		1	Γ		L	L				
AUTO-AUTO Driver	17	10	7	5	2	3	3	2	2			3		3						7	7	6	4	1	3		1	1	1				1						
Passenger	8	3										1	2	1	1	1	1	1		3	3	2	3	1		1		T	T		T	T	Τ	T	Τ	Τ			
AUTO-BICYCLE Bicyclist	4	4		2	1	1		1				3		1		2				1		1			,			Γ		Г	Γ	Γ		Г	Γ	Τ			
AUTO-BUS Passenger	1	1				Γ		1				1		1																Γ				Γ					
AUTO-FIXED OBJECT Driver	37	28	9	13	4	7	3	8	2			3	4	2	4			1		25	5	4	1	21	4			2		1		5	1	7	1	3	2	3	
Passenger	13	9		2											-		1			9		1		8	-2	2		1	1	2	1	2	1	11	T	T			
AUTO-MOTORCYCLE Motorcyclist	12	12		10		2						3		2				1		9		7		2						1		Γ		Γ		1			
AUTO-TRAIN Driver	2	2	t i			2												Ē		2		·		2		1				Ť		1		T	Ť	Ī			$\square$
Passenger	1	1		<b>†</b>	+	+		1				1		1		1								۳,		<u> </u>			-	1	1	Ê		+	1	$\mathbf{t}$			
AUTO-TRUCK Driver	15	13	2	5	1	4	1	4				5		4				1		8	2	4		4	2					Γ	Γ	2			2	2			$\square$
Passenger	6	2	4	and the second	-	_	$\hat{1}$	-	2			and the second second	2	1			1	-	1	1	2	1	2	1				1			-	Ť	<u> </u>	-	1	1-			
MOTORCYCLE-FIXED OBJECT		Ē	ŕ	<u> </u>				Ē	-			Ē	-						-				_											$\square$		$\square$			$\square$
Motorcyclist	12	11	1	5	1	6						1		1						10	1	6	1	4						1		1		1				1	
Passenger	3		3		2		1														3		1		2				1	-	1			-					
MOTORCYCLE- PEDESTRIAN																																						•	
Motorcyclist MOTORCYCLE-TRUCK	1	1		1																1		1					_							┢─	-	+		$\vdash$	
Motorcyclist	2	2				2														2		1		1										1					
TRUCK-BICYCLE Bicyclist	1	1						1				1		1																									
TRUCK-FIXED OBJECT Driver	2	2		1				1				1		1						1				1				1											
TRUCK-TRUCK	2	2		Ĺ,		1								_						2		1		1												1			
Driver TOTAL	L 4		45	57	21	1 39	17	26	7	-		28	8	21	5	4	2	3	1	94	37	39	21	55	16	4	1	8	3	7	2	13	4	10	4	8	2	5	and the second second
TOTAL	101	244	30	01	41	35	11	40	-	and the second		40		41	-	×		-	A DESCRIPTION	77	-					*	-		CONSTRUCTOR	-	and the second second		A CONTRACTOR		-	1	-		

#### TRAFFIC-COLLISION-ALCOHOL INCIDENCE ALL DRIVERS

																																					3	9/	A
														N	от т	ESTI	ED					TES	TEL	)								STA	GE	5					
		То	tal	Cle	eve.	Con	inty	Out Cou			urn- ike	т	otal		v'd oo ng	Un Ag		Otł	ıer	То	tal	Ne	eg.	Po	s.	0.0 0.0		0.0 0.0	)5% )9%		10% 14%	0.1 0.1	15% 19%		20% 24%	0.2		0.3 or o	
TYPE	TOTAL	М	F	М	F	M	F	M	F	M	F	М	F	М	F	м	F	М	F	M	F	М	F	М	F	M	F	М	F	M	F	М	F	M	F	M	F	М	F
AUTO-AUTO Driver	17	10	7	5	2	3	3	2	2			3		3						7	7	6	4	1	3		1	1	1				1						
AUTO-BICYCLE Bicyclist	4	4		2		1		1				3		1		2				1		1																	
AUTO-FIXED OBJECT Driver	37	28	9	13	4	7	3	8	2			3	4	2	.4			1		25	5	4	1	21	4			2		1		5	1	7	1	3	2	3	
AUTO-MOTORCYCLE Motorcyclist	12	12		10		2						3		2				1		9		7		2						1						1			
AUTO-TRAIN Driver	2	2				2														2				2		1						1							
AUTO-TRUCK Driver	15	13	2	5	1	4	1	4				5		4				1		8	2	4		4	2							2			2	2			
MOTORCYCLE-FIXED OBJECT Motorcyclist	12	11		5	1	6						1		1						10	1	6	1	4						1		1		1				1	
MOTORCYCLE- PEDESTRIAN Motorcyclist	1	1		1																1		1																	
MOTORCYCLE-TRUCK Motorcyclist	2	2				2														2		1		1									-	1					
TRUCK-BICYCLE Bicyclist	1	1						1				1		1					- Jacob and a state																				
TRUCK-FIXED OBJECT Driver	2	2		1				1				1		1						1				1				1											
TRUCK-TRUCK Driver	2	2		1		1				EXERCISE OF	and the local division of the		;	-		-			entriesta	2		1		1		nanikerna			_		-					1	2		-
TOTAL	107	88	19	43	8	28	7	17	4			20	.4	15	4	2		3		68	15	31	6	37	9	1	1	4	1	3	Seaton and	9	2	9	3	<u> </u>	4	4	Income of the local division of the local di

# VEHICULAR FATALITIES TRAFFIC-COLLISION-ALCOHOL INCIDENCE PEDESTRIANS

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		(Martinette		فستنسق				(977.0-1007)	ning tanàn					N	)T I	EST	ED					TE	STEI	)								ST.	AGES	S					(PROJECTION OF A
		То	tal	Cl	eve.	Cou	anty		t of unty		urn- ike	т	otal		v'd bo ng	- C.C.	der ge	Ot	her	То	otal	N	eg.	Р	0 <b>s</b> .		01% 04%	0.0 0,0	05% 09%		10% 14%		15% 19%		20% 24%		25% 29%		30% over
TYPE	TOTAL	М	F	М	F	М	F	M	F	М	F	M	F	М	F	M	F	M	F	М	F	М	F	M	F	M	F	М	F	M	F	M	F	M	F	M	F	M	F
PEDESTRIAN:																																			3			Γ	
Auto	25	17	8	10	4	4	4	3				5		4		1				12	8	4	6	8	2			2		2		2	1		1	1		1	
Motorcycle	1		1		1																1		1																
Truck	2	1	1		1			1												1	1	1			1						1								
TOTAL	28	18	10	10	6	4	4	4				5		4		1				13	10	5	7	8	, 3			2		2	1	2	1		1	1		1	

#### TRAFFIC-COLLISION-ALCOHOL INCIDENCE PASSENGERS

												primers		-																					B		3 6	35	)(C
		-	-	-										N	OT 1	FEST	ED					TE	STE	D		Γ						ST	AGE	s				Cardonal and	
P		То	tal	Cl	eve.	Cou	inty	Ou Cou	t of inty		urn- ike	т	otal	1	rv'd 'oo ong		ıder .ge	Ot	her	Т	otal	N	eg.	Р	'os.		01% 04%		.05% 09%		10% 14%		15% 19%		.20% .24%		.25% .29%		30% over
TYPE	TOTAL	М	F	М	F	М	F	М	F	M	F	M	F	M	F	M	F	М	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	М	F	M	F	М	F
PASSENGER:																1				Γ	Γ		Γ	Γ	Τ	Γ	Τ	Γ	Γ	Γ		Г	T	T		T	T	$\top$	1
AUTO-AUTO	8	3	5	1	2	2	3			1			2		1		1			3	3	2	3	1		1		1						1					
AUTO-BUS	1	1						1				1	Γ	1						Γ		Ī						Γ		$\square$	$\square$	T	$\top$	T	$\top$	Т	$\uparrow$	T	İ
AUTO-FIXED OBJECT	13	9	4	2	2	5	1	2	1					Γ						9	4	1	2	8	2	2		1	1	2	T	2	1	1	$\top$	T	$\uparrow$	$\top$	
AUTO-TRAIN	1	1						1				1				1								Γ		Γ	1				T	$\square$	T	$\top$	T	T	1	$\uparrow$	
AUTO-TRUCK	6	2	4	1	1		1	1	2			1	2	1			1		1	1	2		2	1				1				Γ	1	$\square$		T	T	T	
MOTORCYCLE-FIXED OBJECT	3		3		2		1														3		1		2				1		1	Γ		T		T		Γ	Π
TOTAL	32	16	16	4	7	7	6	5	3			3	4	2	1	1	2		1	13	12	3	8	10	4	3		2	2	2	1	2	1	1		T			

#### TRAFFIC-NON-COLLISION-ALCOHOL INCIDENCE

																																	ſ		JE	1		4	0
									8		1			N	ОТ	rest	ED					TE	STEI	)								ST.	AGE	s					
5		То	otal	CI	eve.	Co	unty		t of unty		'urn- ike	Т	otal	1	rv'd 'oo ong		nder ge	Ot	her	т	otal	N	eg.	P	os.		01% 04%		05% 09%		10% 14%		15% 19%		20% 24%		25% 29%		30% over
TYPE	TOTAL	M	F	M	F	M	F	M	F	M	F	М	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
Fall from moving vehicle			Γ			Γ		Γ		Γ	1		Γ	Γ	Ι	Ι	Γ	Γ						Γ			Γ	Γ	Γ	Γ		Γ		Γ		Γ		Γ	Γ
Motorcycle-Passenger	1	1		1								1		1																									
Motorcycle-Motorcyclist	1	1						1						A REAL PROPERTY AND INCOME.						1		1																	
Auto-Passenger	1		1		1								1		Ι		1																						
Jumped from moving vehicle Truck-Passenger	1		1						1												1		1																
Ran off roadway and landed at bottom of ravine Auto-Driver	1	1				1														1				1						1									
Auto-Passenger	3	3				3														3				3		2		1											
Ran off roadway and overturned Auto-Driver	2	2		1				1				1		1						1				1				1											
Motorcycle-Passenger	1	1						1												1		1																	
Truck-Passenger	1		1						1				1		1																								
TOTAL	12	9	3	2	1	4		3	2			2	2	2	1		1			7	1	2	1	5		2		2		1									

# VEHICULAR FATALITIES WHILE AT WORK TRAFFIC AND NON-TRAFFIC-MONTHLY ALCOHOL INCIDENCE

												(Vellopport	unneotàiwio	ácuro de o	NOUTING									an ann an Anna an Anna an Anna an Anna an Anna an Anna an Anna an Anna an Anna an Anna an Anna an Anna an Anna	a farmente pilleren sie	geniskenseder		-				-		1/A		녁		4	
														NC	от т	EST	ED					TES	TED	)								STA	GES						
		То	tal	СІ	eve.	Co	anty		t of unty	T pi	urn- ike	То	otal	Sur To Lo	v'd bo ng	Un Aj	der ze	Otl	her	То	tal	Ne	g.	Po	os.	0.0 0.0	1% 4%	0.0 0.0		0.1 0.1		0.1 0.1			20% 24%	0.2 0.2	25% 19%	0.3 or o	
MONTH	TOTAL	М	F	М	F	М	F	M	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F	M	F	М	F	М	F	M	F	М	F	М	F	М	F
MAY	2	2		1				1				1		1					-	1		1																	
TOTAL	2	2		1				1				1		1						1		1																	

TADIE 44

TADIE 49

### VEHICULAR FATALITIES WEATHER CONDITIONS-ALCOHOL INCIDENCE

												photosissi	and the second s		Current and								-												UL-	JP	15		4	2
														N	от	TES	TEL	D					TE	STEI	D								ST	AGE	s					
Contraction and a second and a second and a second and a second and a second and a second and a second and a se		т	otal	С	eve.	Co	unty		t of unty		'urn- ike	Т	otal	1	rv'd Coo ong	1	Jnde Age		Oth	ıer	т	otal	N	eg.	Р	0S.		01% 04%		05% )9%		10% 14%		15% 19%		20% 24%		25% 29%		30% over
WEATHER	TOTAL	M	F	М	F	M	F	М	F	M	F	M	F	M	F	M	1	F	М	F	М	F	M	F	M	F	M	F	М	F	м	F	М	F	M	F	M	F	М	F
CLEAR	148	1.16	32	53	18	37	8	26	6			28	8	22	4		3	3	3	1	88	24	39	14	49	10	4		8	2	6	1	10	3	10	3	6	1	5	
CLOUDY	1		1				1															1		1													Γ			
FOG	2		2		1		1															2				2		1		1							Γ	Γ	Γ	
RAIN	23	12	11	8	3	1	7	3	1			2	1	1	1		L				10	10	3	6	7	4			1		2	1	2	1		1	2	1	Γ	
SNOW	4	3	1	1		1		1	1			1	1	1	1	Γ	Τ	Τ			2		1		1								1							
UNKNOWN	8	-5	3			4	2	1	1				1		1						5	2	1	2	4		2		1		1									
TOTAL	186	136	50	62	22	43	19	31	9			31	11	24	7	4	:	3	3	1	105	39	44	23	61	16	6	1	10	3	9	2	13	4	10	4	8	2	5	

# VEHICULAR FATALITIES ROAD CONDITIONS-ALCOHOL INCIDENCE

# TABLE 43

TARIE 11

												a decomposed	and an an and the	N	от т	EST	ED		uinteres più es	Γ		TI	STE	D		Γ						ST	AGES	3					
		To	otal	CI	eve.	Co	unty		t of unty		urn- ike	т	otal	Т	rv'd oo ong		nder .ge	Ot	her	т	otal	1	Neg.	P	os.		01% 04%		)5% )9%		10% 14%		15% 19%		20% 24%		25% 29%		30% over
ROAD	TOTAL	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	N	F	M	F	М	F	M	F	м	F	М	F	М	F	M	F	M	F
DRY	135	106	29	49	17	34	6	23	6			23	7	17	3	3	3	3	1	83	22	36	15	47	7	4		7	2	7		9	1	10	3	5	1	5	
ICE	2		2				1		1				2		2																								
SNOW	3	1	2			1	1	Ι	1				1		1					1	1	1	1																
WET	39	23	16	13	5	4	11	6				8	1	7	1	1				15	15	5	6	10	9		1	2	1	1	2	4	3		1	3	1		
UNKNOWN	7	6	1			4		2	1				-							6	1	2	1	4		2		1		1		-				-			
TOTAL	186	136	50	62	22	43	19	31	9			31	11	24	7	4	3	3	1	105	39	44	23	61	16	6	1	10	3	9	2	13	4	10	4	8	2	5	

#### LIGHT CONDITIONS-ALCOHOL INCIDENCE

												Carolina Cont			-				-	0000-00-0000	CONTRACT HOUSE							international						UL	1 B		15		1
														N	от 1	EST	ED					TE	STEI	D								ST	AGE	s					
		To	otal	С	eve.	Co	ounty		t of unty		urn- ike	т	otal	Т	rv'd oo ong		ıder ge	Ot	her	Т	otal	N	eg.	Р	0s.		01% 04%		05% )9%		10% 14%		15% 19%		20% 24%		25% 29%		30% over
LIGHT	TOTAL	М	F	M	F	M	F	М	F	M	F	M	F	М	F	M	F	M	F	M	F	М	F	M	F	M	F	М	F	M	F	M	F	M	F	M	F	M	F
DAWN	3	1	2		1	1			1											1	2	1	1		1								1						
DAY	58	40	18	13	5	11	8	16	5			12	7	8	5	2	1	2	1	28	11	19	8	9	3	1		2		1		3		1	2	1	1		
DUSK	6	6		1		3		2				2				1		1		4		2		2						1								1	
NIGHT WITH STREET LIGHTS	98	75	23	45	16	25	7	5				16	2	15		1	2			59	21	16	10	43	11	5	1	8	3	5	1	8	3	7	. 2	6	1	4	
NIGHT WITH- OUT STREET LIGHTS	16	13	3 -	3		3	2	7	1			1		1						12	3	5	2	7	1					2	1	2		2		1			
UNKNOWN	5	1	4				2	1	2				2		2					1	2	1	2																
TOTAL	186	136	50	62	22	43	19	31	9			31	11	24	7	4	3	3	1	105	39	44	23	61	16	6	1	10	3	9	2	13	4	10	.4	8	2	5	

#### VEHICULAR FATALITIES CLASSIFICATION OF VICTIMS-AGE GROUPS

TAPLE 15

	-		-	-		-	-			-			-						-		-	1. X	-		-		and the second				-		-			ULA	P		- Ge
CLASSIFICATION		der 'ear	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	то	TAL	GRAND
	M	F	M	F	M	F	М	F	M	F	М	F	M	F	M	F	M	F	M	F	М	F	M	F	М	F	М	F	M	F	М	F	M	F	M	F	M	F	TOTAL
BICYCLIST			1				2				1								1																		5		5
DRIVER									5	1	14	4	13	6	5	1	9		3		3	2			1		4	2	1		1	2	2		1		62	18	80
CYCLIST DRIVER									1	1	9		11		3		2								2												28	1	29
PASSENGER		1	1	2			1		3	3	9	3			2	1	2	1										1		1	1	1		1	1	1	20	16	36
PEDESTRIAN					1		1				2	1	2		2	1	1	1		1	2		1		1	1	2		1	2	2				2		20	7	27
PASSENGER ON MOTORCYCLE								1		2					1																	2		2		1	1	8	9
TOTAL		1	2	2	1		4	1	9	7	35	8	26	6	13	3	14	2	4	1	5	2	1		4	1	6	3	2	3	4	5	2	3	4	2	136	50	186

MONTH AND AGE GROUPS

																0.0000000000000000000000000000000000000	-	o (j. konstruktor)				den 400 (100 (100 (100 (100 (100 (100 (100									-				1	<b>F</b> A	B		46
MONTH	Un 1 Y	der ear	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	то	TAL	GRAND TOTAL
WON III	М	F	M	F	M	F	М	F	М	F	М	F	M	F	M	F	M	F	M	F	M	F	M	F	М	F	М	F	М	F	M	F	M	F	M	F	M	F	
JANUARY		1		1	1						2	1	.2				1								1		2	1	1			1		1			10	6	16
FEBRUARY	Τ				Γ				1	1	1	1			Γ	Ι	1	Γ	Γ	Γ			Γ	Γ													-3	2	5
MARCH	Γ				Γ							1	1		Γ		Γ		Γ				Γ		1		1			1	1	2	Γ				4	4	. 8
APRIL	Γ										2	2	2		1		1		Γ			1					1			1			1		·	1	8	5	13
МАУ			1	1			1		1	1		1	2		1		2		1								1	1									10	4	14
JUNE							1	1		1	2		4		1		3																		1		12	2	14
JULY											2			1	4	1	1		1		1	1												1			9	4	13
AUGUST	Ι								2	2	5	2	2	1	2	1			2		1											1	1	1			15	8	23
SEPTEMBER	Ι						2			1	5		3		3		2				2		1		2			1			2					$\square$	22	2	24
OCTOBER									4	1	9			1	1		1	1			1														Π		16	3	19
NOVEMBER											2		4	1				1		1							1			1	1				2		10	4	14
DECEMBER			1						1		5		6	2		1	2									1			1			1			1	1	17	6	23
TOTAL		1	2	2	1		4	1	9	7	35	8	26	6	13	3	14	2	4	1	5	2	1		4	1	6	3	2	3	4	5	2	3	4	2	136	50	186

# AUTOPSIES-VEHICULAR FATALITIES

#### MONTH AND AGE GROUPS

																			ŀ																	T/A	B		47
MONTH		der Cear	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	то	TAL	GRAND TOTAL
montan	м	F	M	F	M	F	M	F	M	F	М	F	М	F	М	F	M	F	М	F	М	F	M	F	M	F	M	F	М	F	M	F	M	F	M	F	M	F	1
JANUARY		1	Γ	1	1						2	1	2				2								1		2		1			1		1			11	5	16
FEBRUARY		1	T		Γ		Γ		1	1		1	Γ				1																				2	2	4
MARCH	$\top$		Γ		$\top$		Γ					1	1												1					1	1	1					-3	3	6
APRIL	$\top$		Γ		T		Γ		1		2	2	2				1					1					1	1				1				1	7	6	13
МАУ	1		1	1	Γ		1					1	1		1		2		1								1	1		1							8	4	12
JUNE					Γ		1	1	1	2	3		4		1		3																		1		14	3	17
JULY	Τ		Ι								2				5	1	1				1	1												1			9	3	12
AUGUST	Τ		Γ		Γ		Γ		1	2	5	2	2	1	1	1			3		1						1							1			14	7	21
SEPTEMBER	$\top$		$\square$	$\square$	Γ		2		1	,1	4		4	1	4		2				2		1		1						2	1	1				24	3	27 .
OCTOBER	T	Γ	T						3	1	10			1	1		1	1			1				1												17	3	20
NOVEMBER	Τ	Γ	Γ						1		2		4	1				1		1							1	1		1					1		9	5	14
DECEMBER			1						1		5		6	2		1	1									1			1		1	1			1	1	17	6	23
TOTAL		1	2	2	1	T	4	1	10	7	35	8	26	6	13	3	14	2	4	1	5	2	1		4	1	6	3	2	3	4	5	1	3	3	2	135	50	185

#### MAJOR INJURY AND SURVIVAL INTERVAL

				*****		056446510aug																			<b>F</b> U	A	BI	B	4	8
<ul> <li>* DOA - Dead on arrival at hospital</li> <li>** Includes 29 motorcycle drivers</li> </ul>		В	ICY	CLIS	т			1	DRIV	/ER*	k			PAS	SEN	GER*	**			PE	DES	TRIA	N				T	OTAL		Contraction of the
*** Includes 4 passengers on motorcycles	TOTAL	*1	LESS THAN 12 HOURS	- 24 HOURS	7 DAYS	8 DAYS OR MORE	TOTAL		S THAN 12 HOURS	14 HOU	7 DAYS	8 DAYS OR MORE	AL		S THAN 12 HOURS	24 HOURS	7 DAYS	VYS OR MORE	AL		S THAN 12 HOURS	24 HOURS	7 DAYS	YS OR MORE	AL		THAN 12 HOURS	24 HOURS	7 DAYS	8 DAYS OR MORE
MAJOR INJURY	TO	DOA*	LES	12	1-	8 D.	TOT	DOA	LESS	12 -		8 D.	TOTAL	DOA	LESS	12 -	1-	8 DAYS	TOTAL	DOA	LESS	12 -	1-	8 DAYS	TOTAL	DOA	LESS	12 -	-	8 DA
To Brain: With Fracture of Skull only	5	2	1			2	33	15	9		5	4	11	.2	6		2	1	4	1	2			1	53	20	18		7	8
With Fracture of Skull and Body Fractures							1	1																	1	1				
Without Fracture of Skull							3		1	1		2	2					2	2		1			1	7		2		$\Box$	5
TOTAL	5	2	1	L		2	37	16	10		5	6	13	2	6		2	3	6	1	3			2	61	21	20		7	13
To Spinal Cord: With Fracture of Vertebra							2	1				1	-												2	1				1
TOTAL	L			-			2	1				1									-				2	1				1
To Chest: With Fracture of Thoracic Cage							5	1	4																5	1	4			
Without Fracture of Thoracic Cage	Autorite state	lesses	-				2	1	1				-		-										2	1	1			
TOTAL				-		Colsianouse	7	2	5		adamates	-	The state of the state										-	-	7	2	5			
To Extremities: TOTAL		1	-				1			L		1	1					1							2					2
Multiple Injuries: To Head and Trunk							25	11	10		2	2	8	5	2		1		9	6	3				42	22	15		distanting the local	2
To Head, Trunk and Extremities							13	7	5			1	7	1	5			1	13	2	8		1	. 2	33		18		1	4
To Trunk							19	4	11		1	3	5	1	4				2		2				26	5	17	I	1	3
To Trunk and Extremities			-										3	1	2				2		1			1	5	1	3	I		1
TOTAL					-		57	22	26		3	6	23	8	13		1	1	26	8	14		1	3	106	38	53	I	5 1	10
Miscellaneous Injuries: TOTAL			The second second	-	-	_	5	3	2				3	3		I	Ι	Ι			Ι	Ι	Ι		8	6	2	Ι		
GRAND TOTAL	5	2	1				109	44	43		8	14	40	13	19		3	5	32	9	17	T	1	5	186	68	80	T	12 2	26

NOTE: "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.

#### MAJOR INJURY AND SURVIVAL INTERVAL-AGE GROUPS

																														-						-							5		3	4	Ľ
			BRA	IN				SPI	INAI	L CO	ORD			÷	СН	EST	•				ABD	OMI	ΞN		EX	TRE	EMI	FIES				UL I NJU				M	IISC	ELL	ANE	SOU	5			тот	FAL		
AGE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 – 7 DAYS	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE
Under 1 year	1					1																																				1					1
1 - 4	4		4	Τ	Ι																																					4		4			
5 - 9																		L	L	L										1		1			-							1		1			
10 - 14	4	2	2														L	L		L								Ļ		1		1										5	2	3			_
15 - 19	5	3			2																						L			10	3	6			1	1	1					16	7	6		2	1
20 - 24	17	9	4		3	1							2		2					L		L					L			20		10		4		4	4	-				43		16	-	7	1
25 - 29	11	.4	4		1	2	1	1					2	1	1	L			L			-								16	7	9				2	1	1				32		15		1	2
30 - 34	.6	2	2		1	1																		1					1	_	5	4										16	7	6		1	2
35 - 39	2		1			1	1					1	2	1	1											L				11	7	3			1							16	8	5			3
40 - 44	3	1	1			1																					_			2	1	1										5	2	2			1
45 - 49	1					1																								5	2	3				1		1				7	2	4			1
50 - 54																			cimento						_					1	1											1	1				
55 - 59	1					1									-	0.000					Conceptation									4	1	3										5	1	3			1
60 - 64	2		Ι	Τ	Ι	2																								7	3	2			2							9	3	2			4
65 - 69	1		1								Ι		1		1															3	1	2										5	1	4			
70 - 74	2		1	Ι	Ι	1																								7	1	3			3						•	9	1	4			4
75 - 79			Ι	Τ	Ι																									5		3			2							5		3			2
80-over	1					1					Ι	ARR AND A		a Tendalar				-						1					1	4	-	2		1	1							6	-	2		1	3
TOTAL	61	21	20		7	13	2	1				1	7	2	5									2					2	106	.38	53		5	10	8	6	2				186	68	80		12	26

#### MAJOR INJURY AND SURVIVAL INTERVAL-AGE GROUPS

DRIVER

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#### MAJOR INJURY AND SURVIVAL INTERVAL-AGE GROUPS PASSENGER

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TABLE 51

# MAJOR INJURY AND SURVIVAL INTERVAL-AGE GROUPS PEDESTRIAN

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#### MAJOR INJURY AND SURVIVAL INTERVAL-AGE GROUPS

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#### GEOGRAPHICAL LOCATION-TYPE OF ACCIDENT CLASSIFICATION OF VICTIMS

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# VEHICULAR FATALITIES GEOGRAPHICAL LOCATION-TYPE OF ACCIDENT CLASSIFICATION OF VICTIMS

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Pedestrian	<b> </b>					$\rightarrow$			1	_		$\dashv$												-+		+		+			-		-+	-				*
South Euclid																												1								1		1
Bicyclist	<b> </b>	-	1			-		-+				$\rightarrow$														+		+		1	_	-+	-+		-+	-	$\vdash$	1
Driver	ļ				1	$\rightarrow$		_				$\rightarrow$		_			0000000000							+		+		+		-			-+		-		<u> </u>	L
Strongsville										1.00																				2								2
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Warrensville Heights																																						1
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#### GEOGRAPHICAL LOCATION-TYPE OF ACCIDENT CLASSIFICATION OF VICTIMS

	Actional actions											J	AE	3L	Ξ (	55	
				AU	TO				MT	c.				FAL			
VILLAGES	АТІФО	OTOP	WDALOO GAVIA			MUTURUTULE		VOONT	ELYED OR LECT	TOBIGO GRAD		DRIVER	DACEWCED	A PODEINUEA	DEDESTDIAN	NIVITY TOAMA T	GRAND
AND TOWNSHIPS	М	F	М	F	M	F	М	F	м	F	M	F	M	F	М	F	TOTAL
VILLAGES: Bratenahl Driver			1								1						1
Passenger			1					-		and a second second			1	-		Sanaini Jeruwidoran	1
Motorcyclist			1								1						1
Cuyahoga Heights Motorcyclist									1		1						1
Gates Mills Passenger			1										1				1
Motorcyclist					1	•.					1						1 ·
Mayfield Motorcyclist					1						1						1
Newburgh Heights Motorcyclist									1		1						1
Valley View Driver	1										1						1
Passenger		1												1			1
TOWNSHIP: Warrensville Driver							1				1						. 1
TOTAL	1	1	4		2		1		2		8		2	1			11

#### **GEOGRAPHICAL LOCATION-TYPE OF ACCIDENT**

#### **CLASSIFICATION OF VICTIMS**

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							AU	O									TR	UCK			N	ON-	COI	LIS	ION					TO	FAL				
		2		YCLE					JE CTIDI AN	ATU INI T CITL		NIN	401	5	BITVI	IULE	RD OR TECT			<b>FEDESTRIAN</b>	ç	2	MOTORCVCI.E		101	JCK	- 17 I	BICICLE	191	NAIVER	anover	FASSENGEK		PEDESTRIAN	
OUT OF COUNTY	-	OTON -	-	BICY		RUS R	-	F	DEDE		M	NIKAIN	M	F	M	F	M FIXED	-	M	E F	MITTO	F	M	F	M	INNUT E	M	2 F	-	F	M	F	-	F	GRAND TOTAL
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MOTORCYCLIST			Γ				Γ																2						2						2
PASSENGER	İ				1		2	1			1		1	2											1	2					6	5			11
PEDESTRIAN									4										1														5		5
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TADLE RA

#### HOURLY-DAILY-ALCOHOL INCIDENCE ALL CASES

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#### HOURLY-DAILY-ALCOHOL INCIDENCE BICYCLIST

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TABLERO

#### HOURLY-DAILY-ALCOHOL INCIDENCE DRIVER

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	L	S	UN	DAY	ľ	$\bot$	-	MC	ONDA	Y			TU	ESD.	AY	amorison		WE	DNE	SD	AY		Tł	IUR	SDA	Y			FRI	DAY	2		SA	ATU	RD	AY				TOT	ALS			
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#### HOURLY-DAILY-ALCOHOL INCIDENCE DRIVER-MOTORCYCLIST

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## HOURLY-DAILY-ALCOHOL INCIDENCE PASSENGER

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#### HOURLY-DAILY-ALCOHOL INCIDENCE PEDESTRIAN

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#### HOURLY AND DAILY INCIDENCE ARRANGED ACCORDING TO DRIVER, PASSENGER, PEDESTRIAN

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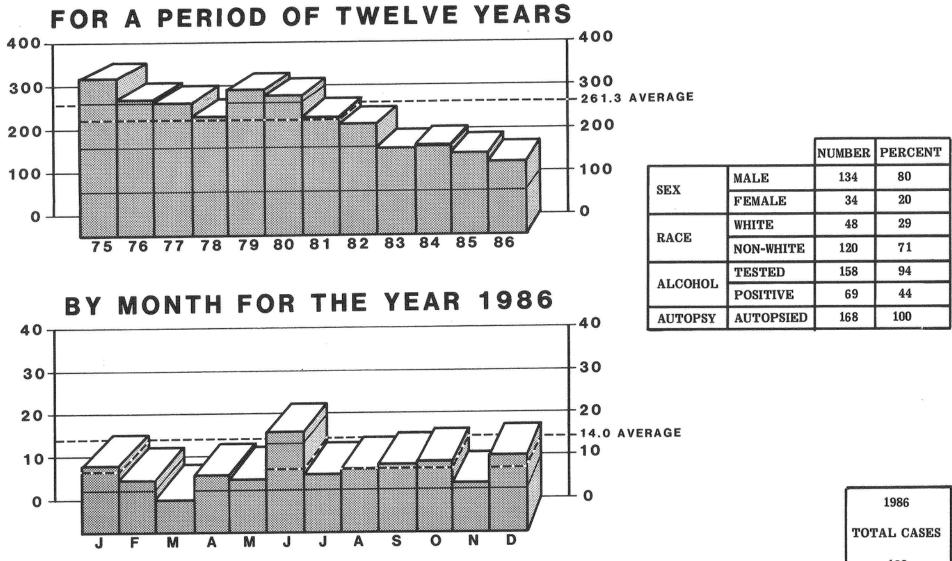
b. Motorcycle passengers included in passengers c. Bicyclists included in drivers

## HOURLY AND DAILY INCIDENCE ARRANGED ACCORDING TO PRE-SCHOOL, SCHOOL AND ADULT AGE GROUPS

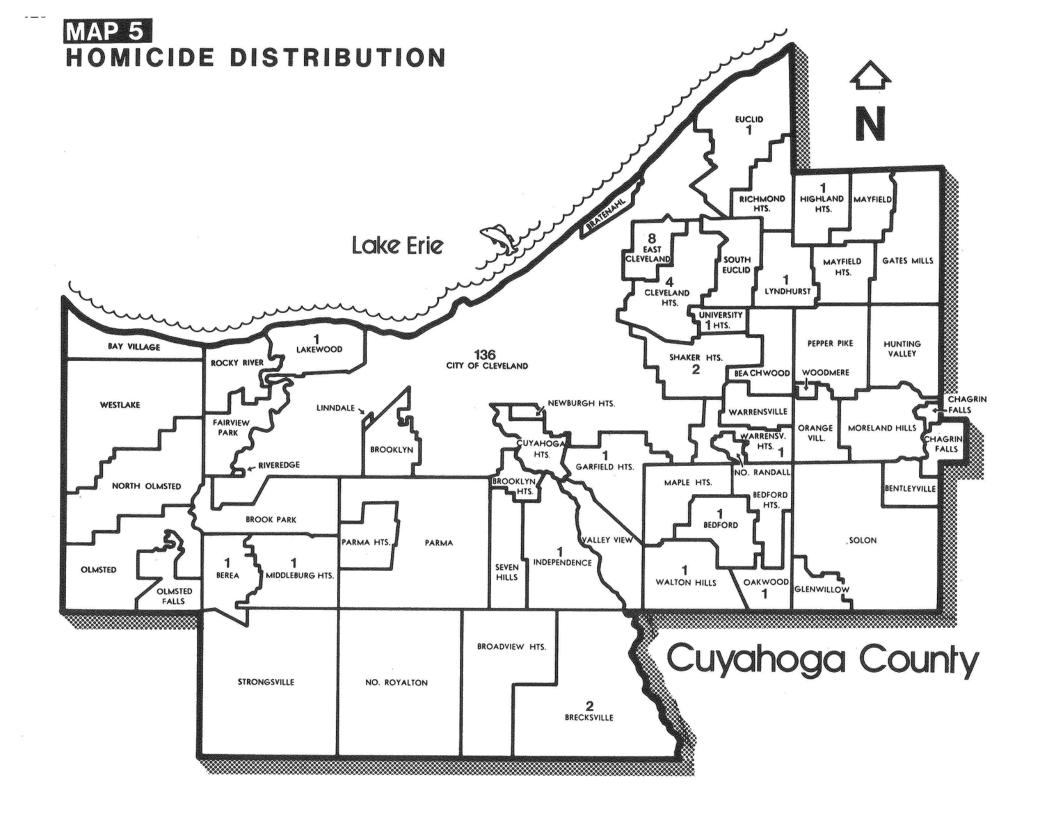
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NOTE: PRE-SCHOOL - Under 5 years

# HOMICIDES



168



# HOMICIDES

#### MONTHLY ALCOHOL INCIDENCE

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JANUARY	15	1	L	4	10	1	1	3											11	4	5	3	6	1	1		1				3	1	1					
FEBRUARY	12	10	)	2	8	2	2				1						1		9	2	7	1	2	1			1					1	1					
MARCH	8	6	;	2	4		2	2											6	2	4	2	2				1						1					
APRIL	13	8	3	5	6	4	1	1	1		1		1						7	5	3	4	4	1	1						1	1	1		1			
МАУ	12	1(	,	2	10	1		1											10	2	3	2	7								3				1		3	
JUNE	22	14	1	8	12	6	1	2	1										14	8	7	7	7	1			1	1	3		3							
JULY	13	1	2	1	10	1	2				2		2						10	1	5		5	1	1		1					1	2				1	
AUGUST	14	12	2	2	10	1	1	1	1		3		2				1		9	2	5	1	4	1			2						2	1				
SEPTEMBER	15	14	1	1	13	1	1		ļ		2		2						12	1	7	1	5				2		2				1					
OCTOBER	• 16	13	3	3	12	1	1	2											13	.3	8	.3	5		1				1		3				-			
NOVEMBER	11	10	1	1	9		1	1			1		1						9	1			9	1		1			4		3		1		1			
DECEMBER	17	14	1	3	12	2	2	1											14	3	9	2	5	1						1	2		1		1	20045-00-0	1	
TOTAL	168	134	3	4	116	20	15	14	3		10		8	-			2		124	34	63	26	61	8	4	1	9	1	10	1	18	4	11	1	4		5	

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# HOMICIDES AGE-RACE-ALCOHOL INCIDENCE

# TABLE 65

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1 Year	Non-White	2	1	1									1	1	1	1																
1-4	White																															
1-4	Non-White	3	3										3		3												-	CUCHACION				-
5 - 9	White			-		-				-					L	-					-											
	. Non-White					-				Discourse	_	-				_						-				-	_	-			-	-
10 - 14	White	1		1							_			1		1				_						_		-			-	
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	Non-White	14	11	3	L				-				11	3	8	1	3	2		1	1		2			1						
25 - 29	White	7	7				L						7				7		_		1				4		1	_	1		-	-
-	Non-White	34	23	-		_							-	11	11	8	12	3			2	-	2		5	2	2	1	<u> </u>		1	
30 - 34	White	9	8	1	1	-		_			1	-	7	1	5	1	2		1				1									
	Non-White	15	12	3		-							12	3	4	3	8		2		1		1		1	SECTION	1	Section Sectio	1		1	
35 - 39	White	3	2	1		-							2	1	1	1	1			_		-			1			-				
	Non-White	13	11	2		_		_			-		11	2	6	1	5	1				1	1		2	-	1		1			
40 - 44	White		L	-						_				ļ	<u> </u>					_		-		_	-							
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45 - 49	White	2	2					_					2		1		1			_		-		-	****	-	1				-	
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50 - 54	White							_						-	-					_			_		_	NORCE AND			L			
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65 - 69	Non-White	4	4		1		1	-		-			3	-	1	-	2			$\neg$	-			-	1				1	-+		
	White	3	1	2	1		1	$\dashv$		$\neg$				2	<u> </u>	2	4				-	-		-	-	-			-		-	
70 - 74	Non-White	3	2	4				$\neg$		$\neg$	-		2	1	No. of Concession, Name	4	2	anatrianch in		$\neg$	1	$\neg$		$\neg$	1	_				$\neg$		-
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75 — 79	Non-White	1	1	$\vdash$						$\neg$			1		1			-		$\dashv$	+			$\neg$			_			$\dashv$	-	$\neg$
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80 – over	Non-White		Ĥ	-	-		-	$\neg$		$\neg$				-		Ĥ		$\neg$		$\neg$	$\neg$	-	-	-		-				$\dashv$	$\dashv$	
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# HOMICIDES MODE-ALCOHOL INCIDENCE

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MODE	TOTAL	M	F	M	F	M	F	M	F	M	F	M	F	М	F	7	М	F	M	F	М	F	M	F	М	F	M	. F	М	F	М	F	М	F	М	F	M	F
ARSON	3	2	1	2	1														2	1		1	2												1		1	
ASSAULT	20	15	5	11	3	2	2	2		2		2							13	5	7	5	6				1				4				1			
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STRANGULATION	4		4		2		2													4		3		1						1								
MISCELLANEOUS*	3	3		1		2													3		1		2								1	nt-constants			1			
TOTAL	168	134	34	116	20	15	14	3		10		8					2		124	34	63	26	61	8	4	1	9	1	10	1	18	4	11	1	4		5	

\* Dragged by auto, pushed in front of bus and run over by auto.

#### MODE-AGE GROUPS

																																					B		E 67
MODE		der 'ear	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	тс	TAL	GRAND TOTAL
	М	F	М	F	м	F	M	F	M	F	M	F	M	F	М	F	M	F	M	F	M	F	M	F	М	F	M	F	M	F	M	F	M	F	M	F	M	F	
ARSON					Γ												1		1													1					2	1	3
ASSAULT	1	1	1		Ĺ		1	Γ	Γ		1		3	Γ		1	3	1			1				1				3		1	1				1	15	5	20
BURNING	1			Γ	Γ	Τ	Τ		Γ			Γ											1												1		2		2
CUTTING AND STABBING					T		Γ		2		4		5	2	1		2				1		1		1			2				1			ŀ		17	5	22
SHOOTING			2		Γ		1		9		14	3	22	9	18	2	7	2			5		3	1	5		4	1	2	1	2		1				95	19	114
STRANGULATION					Γ		Γ	1		1		1				1																						4	4
MISCELLANEOUS					Γ						1				1										manue				1			0005058					3		3
TOTAL	1	1	3		Γ		1	1	11	1	20	4	30	11	20	4	13	3	1		7		5	1	7		4	3	6.	1	3	3	1		1	1	134	34	168

# HOMICIDES (JUSTIFIABLE)

#### PLACE OF OCCURRENCE-CIRCUMSTANCES-ASSAILANTS

#### VICTIMS-ALCOHOL INCIDENCE

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										gainess		dalar winde		the second																	1 and 1 and 1				31		6	88
		-		-			-	-				I	NOT	TES	STEI	)					TES	STEL	)								ST	AGE				and an and a state of the		
		т	otal	Cl	eve.	Co	inty		t of unty	т	otal		urv'd Foo Jong	1.0	Jnder Age		Oth	er	То	tal	N	eg.	Р	0S.		01% 04%		.05% .09%		10% 14%	0. 0.	15% 19%	0,	20% 24%	0. 0.	25% 29%		30% over
ASSAILANT	TOTAL	М	F	M	F	М	F	M	F	м	F	М	F	M	4 F	T	M	F	M	F	M	F	M	F	M	F	M	F	M	F	М	F	M	F	M	F	М	F
HOME CIRCUMSTANCES: During or following the commission or attempted commission of a felony Acquaintance	1	1				1													1		1																	
Police	3	3	$\vdash$	2		1					+	┢──	+	+	+	+	+		3		1		2	-			┢──	+	-	+	┢─	+		+	+-	+	1	$\vdash$
Stranger	2	2		2		-					+		+	+	+	+	+	$\neg$	2	-	1	-	1	-	<u> </u>		┢─	+	1	┼──	┢─	$\vdash$	┢	+-	÷	┢──	+÷	$\vdash$
TOTAL	6	6		4		2		-			1	1		+		1		-	6		3		3		-	-	harrow		1		1		(access)		1	-	1	
PUBLIC CIRCUMSTANCES: During or following the commission or attempted commission of a felony Police	1	1		1															1				1				1											
Security Guard	2	2		2										Γ	T	Т			2				2		1		1							1				$\square$
Stranger	1	1		1									1.	1	T	Т	T		1		1							$\square$						1				$\neg$
Self defense													1	1	T	Т	T	1	1																			-
Acquaintance	1	1		1												T		T	1		1		1								1						$\square$	
TOTAL	5	5		5										Ι	Ι	Τ			5		1		4	CONTRACTO	1		2		an an an an an an an an an an an an an a		1	1510515400	Scotling					
GRAND TOTAL	11	11		9		2								1	T	Т		1	11		4		7		1		2		1		1				1		1	

# HOMICIDES (NON-JUSTIFIABLE)

#### PLACE OF OCCURRENCE-CIRCUMSTANCES-ASSAILANTS

#### VICTIMS-ALCOHOL INCIDENCE

																																D		31	E	6	9
	*									Γ		ľ	TO	TES	TED	0004450	**********	Τ		TE	STEI	כ		Γ						STA	GES	5			Disension of	Non-	
		Т	otal	CI	eve.	Cou	inty		t of unty	т	otal	1	rv'd Coo ong		nder Age	0	ther	т	otal	N	eg.	Р	os.		01% 04%	0.0 0.0	)5% 9%	0.1 0.1		0.1 0.1	l5% 9%		20% 24%	0. 0.	25% 29%	0.3 or o	
ASSAILANT	TOTAL	М	F	М	F	М	F	м	F	м	F	м	F	М	F	М	F	М	F	М	F	М	F	м	F	м	F	М	F	М	F	М	F	М	F	М	F
HOME CIRCUMSTANCES: During or following an argument Acquaintance	18	14	4	13	2		2	1		2		1				1		12	4	7	3	5	1			1				1	1	2				1	
Relative Brother	2	2		1				1			1		1	T	T			2	T	1		1										1		1		$\square$	
Sister	1	<u>–</u>	1	<u> </u>	1			<u></u>				-	+	+	+-	+		۴-	1	† ÷	1	†÷	+	<u> </u>	$\vdash$			-						<u> </u>			
Son-in-law	$\frac{1}{1}$	1	<u> </u>	1	<u>├</u>								+	+	+	+		1	-		┢╴	1	<u>†</u>				-			1			<u> </u>	<b></b>			
Spouse	7	5	2		1		1		and the second s	2		2	1	1-	1	+	+	3		1	2	2	-	1						2			-	1			
Stranger	3		1									1	1	1	1	<b>†</b>	1	2		1	1	1	1	1			Ť			1	1		-	1			and the second se
During or following the commision or attempted commission of a felony Stranger	9	9		8		1												9		7		2				1						1					
Unknown	2	1	1	1	1										1			1	1	1	1																and the second second
Unknown Acquaintance	3	1	2	1	1		1											1	2	1	1		1								1						
Relative Father	1	1		1														1		1																	
Mother	2	2		2														2		2																	
Son	1	1				1					-				-	<b>_</b>		1		1							_										
Unknown	5	3	2	2		1	2		-				-	-	-	L	-	3	2	2	2	1		1			_										
Other Acquaintance	14	10	4	8	1	2	3			1		1						9	4	8	3	1	1		1											1	
Relative																											T									T	
Cousin	1		1		1									L		Ļ		_	1	-	1						_										_
Mother	2	2		1			_	1				-	-	L		-		2	the second second second second second second second second second second second second second second second se	2							-	_									
Spouse	2		2		1		1		-					ļ		L		- 0	2	-	2						_		_								
Unknown	3	2	1	2	1	-	10	-	-	-	-	-	-	-		<u> </u>	-	2	COLUMN DO	1	177	1	-						_	1		-	Sidkiteld	-		-	1.00 M 10
TOTAL	77	56	21	48	11	5	10	3		5		4	1	-	1	1	1	51	21	36	17	15	4	1	1	Z				6	3	4			i	2	

# HOMICIDES (NON-JUSTIFIABLE)

#### PLACE OF OCCURRENCE-CIRCUMSTANCES-ASSAILANTS

#### VICTIMS-ALCOHOL INCIDENCE

																								,							T	A	BI		6	59	A
		deservicions										ľ	TO	TES	TED			Γ		TE	STE	D		1							AGE				00000505555	Non-testingen	
		Т	otal	CI	eve.	Co	inty		t of unty	т	otal	1	arv'd Foo ong		nder Age	0	ther	r	otal	1	leg.	F	os.		01% 04%		05% 09%		10% 14%		15% 19%		20% 24%		25% 29%		30% over
ASSAILANT	TOTAL	М	F	M	F	M	F	M	F	M	F	M	F	M	F	М	F	M	F	М	F	М	F	M	F	M	F	M	F	м	F	M	F	M	F	M	F
PUBLIC CIRCUMSTANCES: During or following an argument	23	21	2	19	2	2				1		1						20					2														
Acquaintance Spouse	40	1	4	19	4	<u></u>				1	$\vdash$		+	+	+	+	+	20		6	-	14	4	┢──	+	3	1	3	┢	5	-	2	1	1	┣──	$\vdash$	
Stranger	4	4		3	-	1		-		┢──	┢──	┢──	+	╋	+	╋	+	4		╉─	+	$\frac{1}{4}$		┢──	+	┢──	┢──	$\frac{1}{1}$	+	3	+	-			$\vdash$	$\vdash$	
During or following the commission or attempted commission of a felony Police	1	1		1														1		1																	
Stranger	6	6		6						3		3	T	T		1		3		2	Τ	1						Γ	1	1				1			$\square$
Unknown	1	1				1							Ι	Γ	T	Τ	Τ	1		1	Τ	Τ		Γ				Γ	Ī	T	1					$\square$	
Unknown Acquaintance	2	2		2														2		1		1								1							
Stranger	3	2	1	2	1													2	_		1	2						1				1					
Unknown	13	11	2	11	2					1						1		10	2	3	1	7	1	1				3		1	1	2				$\square$	
Other Acquaintance	12	9	3	9	2		1											9	3	3	2	6	1	1		1			1			2				2	
Spouse	1		1				1									1			1	<u> </u>	1																
Stranger	5	4	-	1	1	3	_			L			Ļ	L	<u> </u>	Ļ		4	1	3		1												1			
Unknown	8	5	3	4	1	1	2	-	menumos		-	-	-	-		-	-	5	SAMON BAR	-	3	Concession (				1	-	-	and shares	1	-	residence	NUMBER OF THE	a second at	_		Nonegeo and
TOTAL	80	67	13	59	9	8	4			5		4				1		62	13	23	9	39	4	2		5	1	9	1	11	1	7	1	3		2	

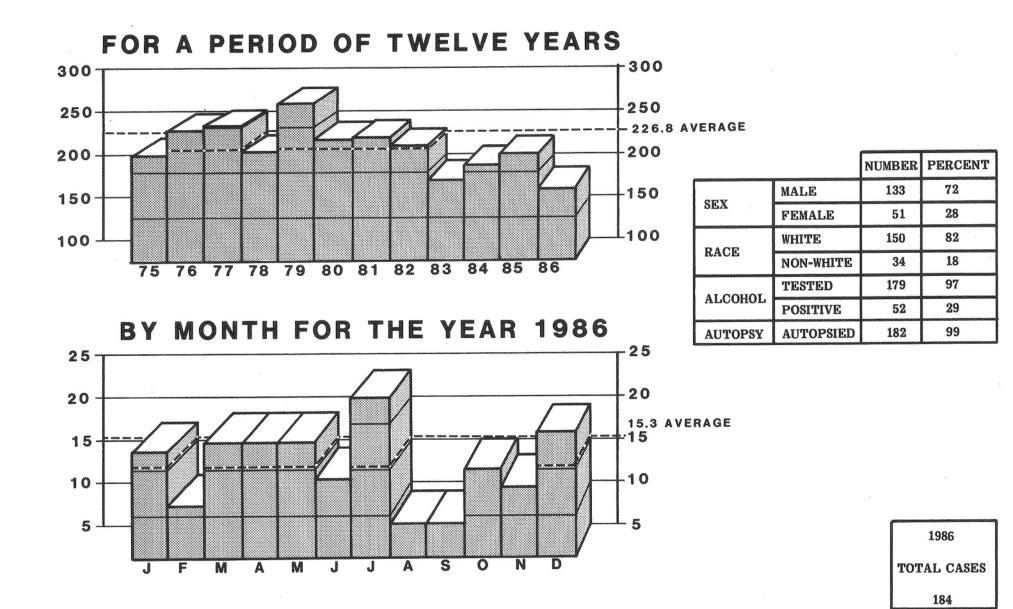
# HOMICIDES IN COUNTY OF CUYAHOGA 1962-1986 (INCLUDES CULPABLE AND JUSTIFIABLE HOMICIDES)

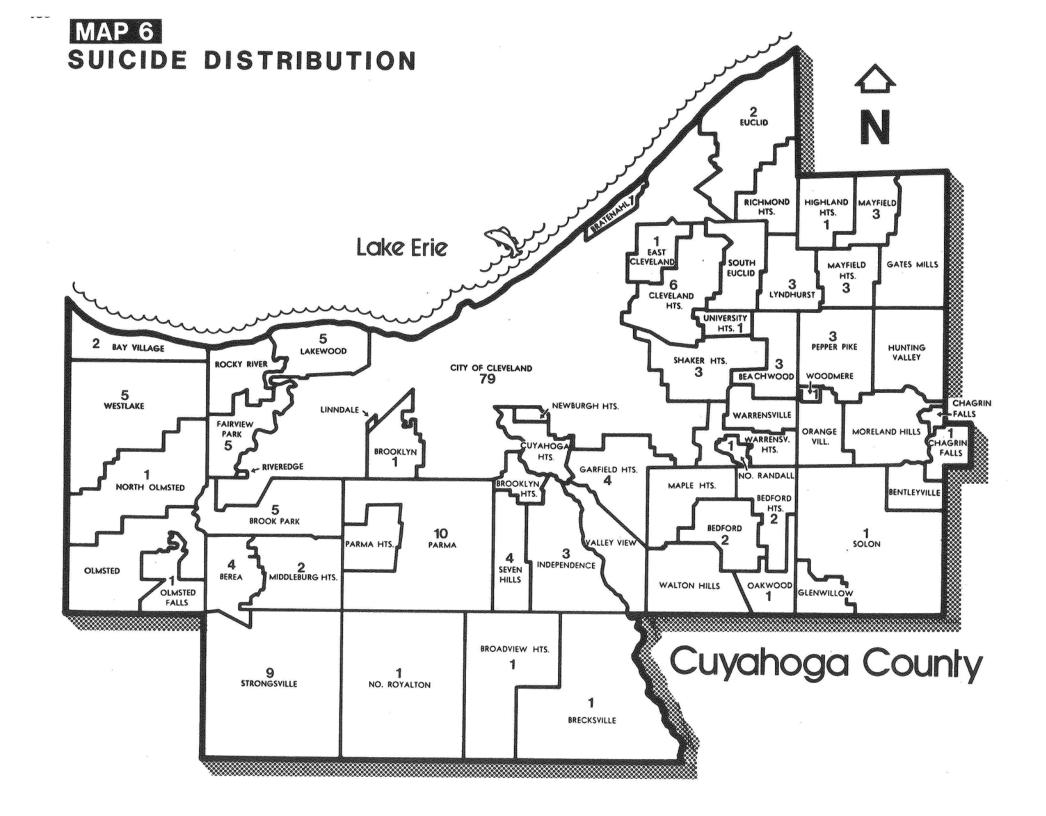
#### TABLE 69B

CITARA DE LA COMPANY DE LA COMPANY					provide conference in the second second second second second second second second second second second second s	Constant of the second s	
			FIREARM	BLUNT VIOLENCE	EDGED		
	TOTAL		PERCENTAGE	(MANUAL, PEDAL AND	AND POINTED	STRANGULATION	
YEAR	HOMICIDES	FIREARMS	OF TOTAL	INSTRUMENTAL ASSAULT)	WEAPONS	(MANUAL AND LIGATURE)	ALL OTHERS*
1962	74	38	51.35	16	16	1	3
1963	114	62	54.39	19	26	4	3
1964	137	83	60.58	17	30	5	2
1965	129	86	66.67	17	21	3	2
1966	166	111	66.87	15	35	3	2
1967	185	117	63.24	15	34	5	14
1968	210	167	79.52	16	26	1	0
1969	317	254	80.13	29	29	1	4
1970	310	242	78.06	23	34	6	5
1971	324	265	81.79	24	28	4	3
1972	363	287	79.06	33	23	16	4
1973	327	271	82.87	24	20	10	2
1974	362	301	83,14	19	28	11	3
1975	351	274	78.06	29	30	7	11 ,
1976	305	238	78.03	23	29	8	7
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	168	114	67.86	20	22	4	8

\* Arson, Automobile Crash, Burning, Carbon Monoxide, Dragged by auto, Drowning, Explosion, Exposure, Hit by Concrete Block,

Jumped from Window when Threatened, Multiple Modes, Obstruction of Airway by Foreign Object, Poisoning, Pushed in front of Bus, Run over by Auto and Stress.





#### MONTHLY ALCOHOL INCIDENCE

																																T		31		7	0
	÷											N	OT	resi	red			Γ		TE	STEI	)		Ι						ST	AGES	3					
,		то	otal	Cle	eve.	Cou	inty		t of unty	т	otal	T	rv'd 'oo ong		nder .ge	Ot	her	т	otal	N	eg.	Р	<b>0</b> S.		01% 04%		05% 09%		10% 14%	0. 0.	15% 19%		20% 24%		25% 29%		30% over
MONTH	TOTAL	M	F	М	F	М	F	M	F	M	F	М	F	M	F	M	F	м	F	M	F	M	F	M	F	M	F	М	F	М	F	M	F	М	F	М	F
JANUARY	17	11	6	5	2	6	4											11	6	9	5	2	1							1	1					1	
FEBRUARY	11	8	3	3	1	5	2											8	3	6	3	2								1		1					
MARCH	18	14	4	5	2	9	2											14	4	12	3	2	1	1						1	1						
APRIL	18	14	4	6	1	8	3			1		1						13	.4	11	4	2				1										1	
МАУ	18	14	4	10	2	3	2	1			2		1				1	14	2	8	1	6	1	2				1		3			1				
JUNE	14	10	4	4	2	6	2			1						1		9	4	5	3	4	1			1	1					2		1			
JULY	23	17	6	8	2	8	4	1			1		1					17	5	11	1	6	4	3	2			1		1	1		1	1			Ц
AUGUST	9	7	2	5	1	2	1											7	2	7	1		1								1						
SEPTEMBER	9	7	2	3	1	4	1											7	2	5	2	2						1		1							
OCTOBER	15	13	2	5		8	2											13	2	9	1	4	1	1		1		1	1							1	
NOVEMBER	13	6	7	3	2	3	5											6	7	4	3	2	4		1	1	1	1					1				1
DECEMBER	19	12	7	3	3	9	4											12	7	8	5	4	2	1	1	2	1			1							-
TOTAL	184	133	51	60	19	71	32	2		2	3	1	2			1	1	131	48	95	32	36	16	8	4	6	3	5	1	9	4	3	3	2		3	1

### SUICIDES AGE AND RACE-ALCOHOL INCIDENCE

#### TABLE 71 NOT TESTED TESTED STAGES Surv'd 0.05% 0.10% 0.20% 0.01% 0.15% 0.25% 0.30% Under Total Neg. Pos. Total Total Too Other 0.04% 0.09% 0.14% 0.19% 0.24% 0.29% or over Age Long MF MF М F MF М F M F MF M F MF M F M F M F MF MF MF RACE TOTAL AGE White Under 1 Year Non-White White 1 - 4Non-White White 5 - 9 Non-White 1 1 White 1 1 10 - 14Non-White 4 3 1 1 White 4 4 15 - 191 1 1 Non-White 1 1 2 1 1 15 3 14 3 12 2 3 1 1 1 1 1 18 1 1 White 20 - 245 4 1 1 Non-White 5 5 12 6 2 6 2 2 1 3 1 1 4 White 18 13 5 1 1 1 1 25 - 29Non-White 2 1 1 1 1 1 1 11 11 2 8 1 1 1 White 13 2 1 3 1 1 30 - 344 3 4 3 2 3 2 1 1 Non-White 7 4 6 2 1 2 1 10 5 3 2 1 1 White 15 10 5 35 - 392 Non-White 4 4 4 2 1 1 7 2 4 1 3 1 1 1 1 1 White 9 7 2 40 - 44Non-White 2 1 1 1 1 1 1 7 1 7 1 3 1 4 2 1 1 White 8 45 - 492 2 1 2 Non-White 2 1 1 1 4 White .3 1 2 1 1 1 1 1 1 50 - 54Non-White 8 5 6 5 2 1 1 White 13 8 5 55 - 592 2 1 1 1 Non-White 2 6 6 6 5 3 1 3 2 1 1 White 12 6 60 - 641 1 Non-White 2 1 1 1 1 7 3 7 3 7 3 White 10 65 - 691 1 1 Non-White 1 7 4 5 2 2 2 1 1 1 1 11 7 4 White 70 - 741 1 Non-White 1 1 5 1 5 White 6 5 1 1 1 75 - 79Non-White White 7 2 7 2 7 2 9 80 - over 2 2 Non-White 2 2 107 39 77 24 30 15 2 3 1 9 4 3 2 White 150 109 41 2 2 1 2 1 6 4 5 3 2 1 TOTAL 1 24 9 18 8 Non-White 34 24 10 1 6 1 2 1 1 2 1 GRAND TOTAL 184 133 51 2 3 1 2 1 1 131 48 95 32 36 16 8 4 6 3 5 1 9 4 3 3 2 3 1

#### MODE-ALCOHOL INCIDENCE

																																		T		31	10 12		7	2
										Г	ACCESSION OF		NO	тт	EST	ED			Γ			TES	TEL	)		Ι						ST.	AGE	s						
		т	otal	Cl	eve.	Co	unty		it of ounty	Т	otal		Surv Toc Lon		Un Aj	der ge	0	ther	r	lota	ıl	Ne	eg.	P	os.		01% 04%		05% 09%		10% 14%		15% 19%		20% 24%		0.25 0.29		0.3 or o	
MODE	TOTAL	M	F	м	F	м	F	M	F	M	F	N	1	F	М	F	M	F	M		F	М	F	M	F	M	F	M	F	М	F	M	F	M	F	·   M	M	F	М	F
ASPHYXIA	30	24	6	12	3	12	3			1	2			2			1		23	3	4	17	4	6		4		1				1								
CARBON MONOXIDE	26	14	12	2	3	12	9	Γ			Γ								14	1 1:	2	9	6	5	6		1	2	1	1		1	3	1	1					
CUTTING AND STABBING	3	2	1	1		1	1												1	2	1	2	1																	
JUMPING	6	4	2	2		2	2												4	1	2	3	2	1								1			ŀ					-
POISONING	27	14	13	9	5	5	8												14	1 13	3	10	9	4	4	1	2				1	2							1	1
SHOOTING	92	75	17	34	8	39	9	2		1	1	1						1	74	1	6	54	10	20	6	3	1	3	2	4	anananta	4	1	2	2	2		-	2	areas a
TOTAL	184	133	51	60	19	71	32	2		2	3	1	1	2			1	1	131	1 48	8	95	32	-36	16	8	4	6	3	5	1	9	4	3	3	2			3	1

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## MODE-ALCOHOL INCIDENCE

										giamone						Constant and and																	Ά	B		7	3
				-		-		-	-		-	ľ	TO	TES	TED					TI	STE	D								ST.	AGE						Constant of the
		Т	otal	Cl	eve.	Co	unty		it of ounty	т	otal	1	rv'd Coo ong		Inder Age	0	ther	Т	otal	1	leg.	F	os.		01% 04%		05% 09%		10% 14%	0. 0.	15% 19%	0. 0.	20% 24%	0. 0.	25% 29%	0.3 or 0	
MODE	TOTAL	м	F	M	F	М	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	м	F	м	F	м	F	м	F	М	F
ASPHYXIA:	Accession of the second second second second second second second second second second second second second se							Γ			Γ	Ι	Γ	Τ	Τ	Г		Γ		I	T	T		T				Γ		$\uparrow$		Γ			1		
Compression	1		1				1			a line for he									1		1																
Drowning	4	3	1	3	1	Ι			Ι	1	Γ	Γ	Τ	Т	Т	1	Τ	2	1	- 1	1	1	Τ	1				1	T	Γ				1			
Hanging	23	20	3	8	1	12	2	$\square$		İ	2	Γ	2	T	$\top$	$\top$		20	1	15	1	5	1	3		1			$\square$	1							
Insertion of head into					-			Γ		Γ		Constitution of the	Τ	Τ			T	T	1	T		$\square$		İ –						$\square$							
plastic bag	2	1	1	1	1													1	1	1	1																
TOTAL	30	24	6	12	3	12	.3			1	2		2	1		1		23	4	17	4	6		4		1		10100334455		1	Concernation of				of protections		0000000
CARBON MONOXIDE:											I			T		T		T	T			Î										ormotioens		-	Constraint of	accounted in	MR-RHOUG
Auto Exhaust	24	13	11	2	2	11	9			and a second second second								13	11	9	5	4	6		1	2	1	1		1	.3		1				
Conflagration	2	1	1		1	1								Γ	T	1	Ī	1	1	1	1	1										1					
TOTAL	26	14	12	2	3	12	9						I	Γ		T		14	12	9	6	5	6		1	2	1	1		1	3	1	1				LANGE CO.
JUMPING:															1					I													*****	TEN OF THE T			
Bridge	3	2	1			2	1											2	1	1	1	1								1							
Window	3	2	1	2			1									T		2	1	2	1																
TOTAL	6	4	2	2		2	2											4	2	3	2	1			Î				-	1							

#### POISONING-ALCOHOL INCIDENCE

										-																	•					Ċ.		31		7	4
												N	IOT '	res:	red					TE	STEI	D						e		STA	GES						
		т	otal	Cle	eve.	Co	inty		t of unty	то	otal	7	rv'd 'oo ong		nder Age	0	ther	т	otal	N	eg.	Р	os.		01% 04%	0.0 0.0	05% )9%	0.1 0.1	10% 4%	0.1 0.1	15% 19%		20% 24%	0.: 0.:	25% 29%		30% over
POISONING	TOTAL	М	F	М	F	M	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	м	F	М	F	М	F	М	F	М	F	М	F	м	F
Single Chemical Agent: Amantadine	1	1		1														1		1																	
Amitriptyline	3	3		1		2									-			3		3				-	-		_	L								ļ	
Amoxapine	1		1		1									L	-	<u> </u>			1		1	<u> </u>	-	ļ				<u> </u>								ļ	
Carbamazepine	1	1		1										ļ		L		1		1		L	Į	<u> </u>	Ļ							-		ļ	L	ļ	
Cyanide	1	1				1									-			1	-	1	-		1		L											L	
Desipramine	1		1				1			_					1		-		1				1	<u> </u>					1								
Diphenhydramine	1		1				1						L		-	L			1	L	1	ļ															
Doxepin	1	-	1		1		_						-			L			1	<u> </u>	1	·		L							_						
Propoxyphene	2	1	1	1	1													1	1	1	1			L					-								
Secobarbital	1		1		1														1		1	<u> </u>		L													
Thioridazine	2	2		2														2		2											_						
Trimipramine	1		1				1								-				1				1	-	1												
Combined Effect of Ethanol and: Secobarbital	1		1				1												1				1														1
Acetaminophen and			-																				l'and the second second								and a state of the						
Doxepin	1	1		1														1				1								1							
Diphenhydramine, Mepro-	Î																																1				
bamate and Doxepin	1	1				1												1				1														1	
Acetaminophen, Codeine, Pentobarbital and Propoxyphene	1.		1		1														1				1		1												

#### POISONING-ALCOHOL INCIDENCE

																												J	A	B			74	<b>1</b> (	CC	on	6.
		electron										N	IOT '	TES	TED					TE	STEI	)									AGES				Desc Districtions	den renad	
		Т	otal	Cl	eve.	Co	unty		t of unty	т	otal	1	rv'd 'oo ong		nder Age	0	ther	т	otal	N	eg.	P	os.		01% 04%	0.0 0.0	05% )9%	0.1 0.1	10% .4%		15% 19%		20% 24%		25% 29%		30% over
POISONING	TOTAL	М	F	М	F	M	F	м	F	M	F	М	F	M	F	м	F	М	F	M	F	М	F	M	F	М	F	М	F	M	F	м	F	М	F	M	F
(continued poisonings) <u>Combined effect of two</u> <u>chemical agents:</u> Acetaminophen and																																			,		
Propoxyphene Amitriptyline and Codeine	1	1	1	1			1	<u> </u>	-	ļ				<u> </u>				1	4	L		1						-	-	1		-	-		-	-	
Chlorpromazine and			<u> </u>	╂───		┼──	+-												1		-									TRANSPORT		-					
Diphenhydramine	1	1				1												1		1																	
Chlorpromazine and			1	1	1	1					1			Ĺ																		24240000000				and a second	
Doxepin	1	1	<u> </u>	1	-		<u> </u>	<u> </u>		L		<u> </u>	<u> </u>	<u> </u>		<u> </u>		1	<u> </u>			1		1									ļ	<u> </u>			Constantion of the
Doxepin and Ethchlorvynol	1		1	ļ		ļ	1							L		<u> </u>		L	1	-	1																-
Combined effect of four chemical agents: Acetaminophen, Propranolol, Salicylate and Thioridazine	1		1				1												1		1																
<u>Combined effect of five</u> <u>chemical agents:</u> Amitriptyline, Chlor- diazepoxide, Flurazepam, Nortriptyline and Thioridazine	1		1				1												1		1																
TOTAL	27	14	13	9	5	5	8											14	13	10	9	4	4	1	2				1	2			Constant of				1

#### MODE-AGE GROUPS

																																				La	P)		
		der ear	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	то	TAL	GRAND TOTAL
MODE	M	F	M	F	M	F	M	F	M	F	M	F	M	F	М	F	М	F	M	F	M	F	M	F	М	F	M	F	М	F	M	F	M	F	М	F	M	F	
ASPHYXIA	T				Γ		Γ		1		3		5	1	6		2				1			1	1			1		1	2	1			3	1	24	6	30
CARBON MONOXIDE	┢	$\vdash$	┢─	┢	$\vdash$	-	┢─	-			2	-	2	T	T	2	2	2	1					1		2	1	1	1	2	2	1	1	1	2		14	12	26
CUTTING AND STABBING	┢─	-	┝	┢──	┢	1	┢			-		-	┢		Ī	┢	F		1							1					1						2	1	3
JUMPING	$\vdash$	1	┢─	$\vdash$	$\vdash$	1	T				1		1				1									1	1					1					4	2	6
POISONING											2		2	2	3	2	4			2		1	1		1			4				1	1	<u> </u>	<u> </u>	1	14	13	27
SHOOTING							1		4	1	12	3	4	3	6	1	5	3	6	1	8	2	-		8	1	5	1	6	1	3	-	3	<u> </u>	4		75	17	92
TOTAL	Γ	Ι			Γ		1		5	1	20	3	14	6	15	5	14	5	8	3	9	3 .	1	2	10	5	7	7	7	4	8	4	5		19	2	133	51	184

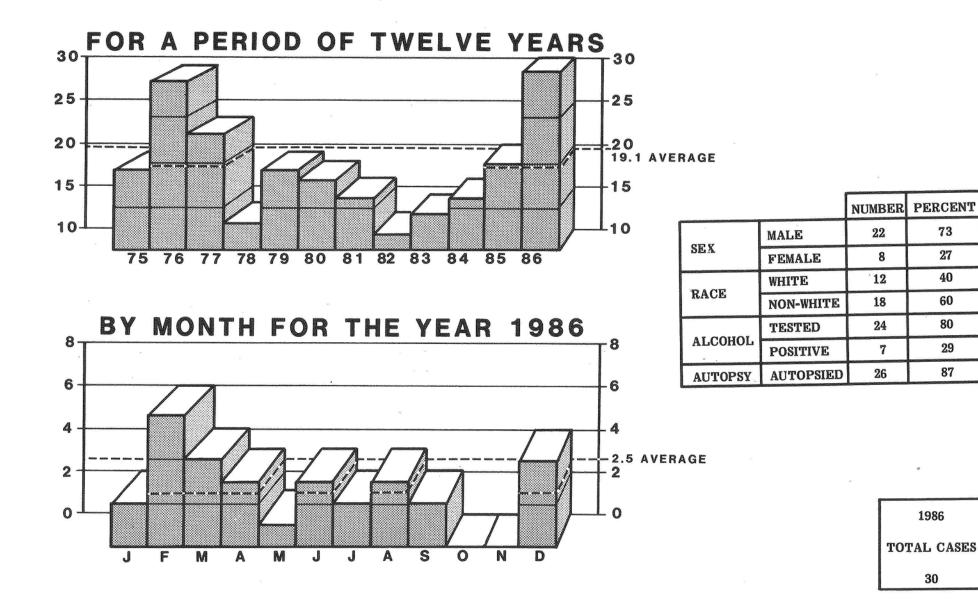
TARLE 75

#### MODE-GEOGRAPHICAL LOCATION AND MARITAL STATUS

															contricted																	T/A		ſ		7	6			
					С	LEV	/EL	AND										(	COU	NTY	ζ.								C	OUT	OF	COL	INT	Y				1		-
[		MARRIED	C TOMO	SINCLE		WIDOWED		DIVORCED		UNKNOWN		TOTAL		MARRIED		a IONIS	TTDNIG		WIDOWED		DIVORCED		UNKNOWN		TOTAL		MARRIED		SINGLE	demodum	WIDOWED		DIVORCED		UNKNOWN		TOTAL		TOTAL	GRAND
MODE	М	F	M	F	M	F	M	F	M	F	M	F	M		F	М	F	M	F	М	F	М	F	M	F	M	F	М	F	M	F	M	F	M	F	M	F	М	F	TOTAL
ASPHYXIA	5	Γ	5	1	T	Г	2	1		Γ	12	3	3	3	2	7		2			1			12	3													24	6	30
CARBON MONOXIDE	$\square$	1	1	1	1	1	T	Τ		Γ	2	3	5	5 8	5	3	1	2	1	2	2			12	9													14	12	26
CUTTING AND STABBING	1					Γ	T	T	T		1				Τ				1	1				1	1													2	1	3
JUMPING	T	1	2	Γ	Τ	T	Τ	T	Τ	T	2		1		2	1					Γ		Γ	2	2		Γ	Γ	Γ	Γ			Γ					.4	2	6
POISONING	1	3	5	1		T	3			T	9	5	2	2 3	3	3	3		2					5	8						Γ	Γ						14	13	27
SHOOTING	19	1	10	6	2	Τ	3	1			34	8	16	; 4	4 1	13	3	4		6	2			39	9		Ι	1		1						2		75	17	92
TOTAL	26	5	23	9	3		8	4		General	60	19	27	16	6 2	27	7	8	4	9	5			71	32		Ι	1		1		Γ		Γ		2		133	51	184

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# VIOLENCE OF UNDETERMINED ORIGIN



# FATALITIES FROM VIOLENCE OF UNDETERMINED ORIGIN

#### MONTHLY ALCOHOL INCIDENCE

Charles and the second second

										printer								-									and the state of the							31		7	7
		possesses				-						N	OT 1	rest	ED					TE	STEE	)								ST.	AGES	5					
		т	otal	Cl	eve.	Co	unty		t of unty	To	otal	Т	rv'd 'oo ong		der ge	Ot	her	то	otal	N	eg.	P	os.	0.0	01% 04%		05% 09%		10% 14%	0. 0.	15% 19%		20% 24%		25% 29%	0.3 or o	
MONTH	TOTAL	M	F	M	F	м	F	M	F	М	F	M	F	M	F	М	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	М	F	М	F	м	F
JANUARY	2	2		2														2		2																	
FEBRUARY	6	5	1	5	1						1						1	5		2		3		1		1		1									
MARCH	4	2	2	2	1		1				1		1					2	1	2	1																
APRIL	3	3		2		1												3		3																	
MAY	1		1		1						1						1																				
JUNE	3	3		3														3		2		1										1					
JULY	2	2		2						1		1						1				1								1							
AUGUST	3	1	2	1	1		1											1	2	1	2																
SEPTEMBER	2	1	1	1			1			1		1							1		1																
OCTOBER	0																																				
NOVEMBER	0																																				
DECEMBER	4	3	1	2	1	1				1		1 ·						2	1	1		1	1	1					1								
TOTAL	30	22	8	20	5	2	3			3	3	3	1				2	19	5	13	4	6	1	2		1		1	1	1		1					

# FATALITIES FROM VIOLENCE OF UNDETERMINED ORIGIN

### CAUSE OF DEATH-ALCOHOL INCIDENCE

												N	OT 7	EST	CED					TE	STEI	)								ST/	AGES	1		-	(instantion)	_	CLOON
		То	tal	Cl	eve.	Co	inty		t of unty	То	tal	Т	rv'd oo ong		ider .ge	Ot	her	To	otal	N	eg.	P	os.		01% 04%	0.0 0.0		0.1 0.1	10% 4%		15% 19%		20% 24%		25% 29%	0.3 or 0	
CAUSE OF DEATH	TOTAL	M	F	M	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F	M	F	М	F	М	F	M	F	М	F	М	F	М	F	М	F	М	F
BURNING	1	1		1														1		1																	
CARBON MONOXIDE	2	2		2														2		1		1						1									L
DROWNING	4	3	1	3	1													3	1	1	1	<sup>′</sup> 2								1		1					L
HANGING	1	1		1														1		1													-				L
INJURY TO BODY	4	1	3	1	2		1			1	1	1	1						2		1		1						1								L
INJURY TO HEAD	8	6	2	6	2					2	2	2					2	4		2		2		1		1											
POISONING	7	5	2	4		1	2											5	2	5	2																
SHOOTING	2	2		2				Ī										2		2																	
UNDETERMINED	1	1				1												1				1		1													
TOTAL	30	22	8	20	5	2	3			3	3	3	1				2	19	5	13	4	6	1	2		1		1	1	1		1					Γ

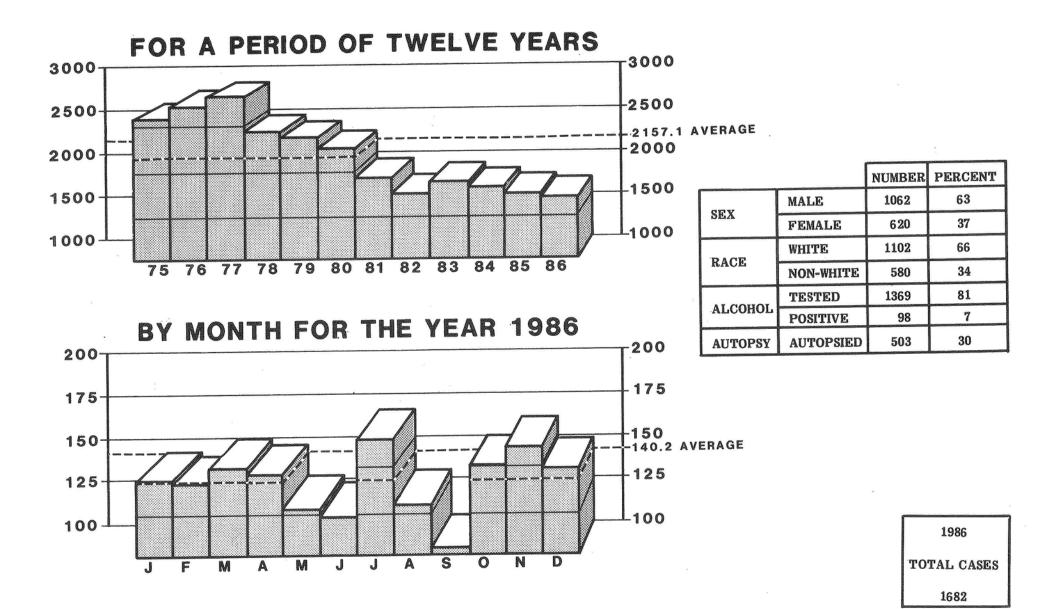
TABLE 70

## FATALITIES FROM VIOLENCE OF UNDETERMINED ORIGIN AGE-RACE-ALCOHOL INCIDENCE

# TABLE 79

Nor-Wite         Total         Total         Nor-Wite         N						Γ		NO	от т	EST	ED		-	1		TE	STE	D	****	1						STA	GES		1-				
AGE         TACAL         N         F         M<			otal	То	tal	Su T	rv'd oo	Un	der	Ot	her	То	otal	Π		1	os.							0.	15%	0.5		8					
		DAGE	momax	<u> </u>		<u> </u>			-		-	<u> </u>	1	<u> </u>	1	<u> </u>		<u> </u>		-			-		-		-	-	-	-	-	-	-
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	and the second design of the s		TOTAL	M	F	M	F	M	F	M	F.	M	F.	м	F	M	F	M	F	M	F.	M	F.	M	F	M	P	M	F	м	F	M	F.
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		Contrast of Sector Contrast of the Article of Contrast Contrast of Sector Contrast of Sec	1		1								-		1		1	┢──	+	┢──					-	┢──		$\vdash$					
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		and the second se	1	1		1				<b> </b>	1					1-		1	1			-		-	1								
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	1 - 4	Non-White	1	1										1		1			- Constant	Í									Contraction (un				
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	5 9	White														L																	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	5 = 5	Non-White																														1	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	10 - 14											L										_			L								
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		THE REAL PROPERTY AND ADDRESS OF THE REAL PROPERTY AND ADDRESS OF THE REAL PROPERTY AND ADDRESS OF THE REAL PROPERTY ADDRESS OF THE	1	1		L	-	<u> </u>		L			-	1		1		-	-					_	-			-		_			_
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	15 - 19	entrained and and an an an an an and an and an and			-		ARMINOCON					Ļ	-		L	ļ		ļ	-	-			-			-		ļ					
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$				-	L			-				<u> </u>		-		<u> </u>		L	-	-		-			-	-		-		-			and a second
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	20 - 24	CONTRACTOR OF STREET, STRE								-	-	-																			$\square$		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			1	<u> </u>				-					-	-			-													_			
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	25 - 29	Charter Charles Contactor Contractor Contactor Contactor			-		-	-						5		2		2	-														_
30 - 34       Non-White       -		NUMBER OF TOWNS AND ADDRESS OF TOWNS ADDRESS ADDRE		Contraction of the	-				-		-	-		and the local division of the		-	-	4	+	<u> </u>	$\vdash$					Ê		-					_
35 - 39       White       1 <td< td=""><td>30 - 34</td><td></td><td><u> </u></td><td>⊢-́</td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td>-</td><td>-</td><td></td><td>-</td><td></td><td></td><td></td><td></td><td>Nokosowa</td><td></td><td>-</td><td></td><td></td><td></td><td></td></td<>	30 - 34		<u> </u>	⊢-́				-						-					-	-		-					Nokosowa		-				
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		and the broad of the manual data when an age	1	1			-				-	-		1	-	1	-	-									Continues	-			$\dashv$		$\neg$
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	35 - 39	CITIZET CONTRACTOR AND AND AND AND AND AND AND AND AND AND	COLUMN TWO IS NOT THE OWNER.	-										-					1										-	of the second second			
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			ALC: NO VIEW OF THE OWNER.	THE OWNER WHEN THE	1						newstand and			-	1		1	1	-							-		1					-
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	40 - 44	Non-White	Contract of Contra	1	and the second	monoctrice		a during the se	personal la		and the second second			1		1		COMPANY OF					-									-	
Non-White         1	45 40	White											-								No.								ontrinterizational		$\neg$	Constant of	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	45 - 49	Non-White	1	1			CONCERNEN		0104010044	HUNHEDONG		ALC: NOT THE REAL PROPERTY OF		1	adenticismonta			1						1									
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	50 54	White	1		1										1		1								-						T		
55 - 59       Non-White       2       1	50 - 54	Non-White	2	1	1		1						1	1		1																	
Non-White         2         1	55 - 59	White	Antoine and a substantiation of the	1	CHENOLOGINA	existences.		ALC: NO.							-		1																
60 - 64       Non-White       Image: Constraint of the constraint of th	00 - 05	Non-White	MICH OF A DESCRIPTION O	-	1	1	-	1			Anvicantas	-	-	-	1			_	1						1								
Non-White       Non-White	60 - 64	and a subsection of the section of t	• 3	3										3		1		2		1		1											
65-69       Non-White       Image: Sector Se			-	_						-		_			-											_							
Non-White     Non-W	65 - 69																																
70 - 74       Non-White       2       1										-	_						L																
White     1	70 - 74				_		_		_		_					-						_									_		
75 - 79       Non-White			and the second sec	1	Observation of the		No. of Concession, Name		1					1		1	_	-													$\dashv$	$\dashv$	
White         Image: Second secon	75 – 79		1		1		1						1								-+	_	_				_		-+		$\dashv$		_
80 - over         Non-White         Image: Constraint of the second secon									$\neg$	_					_						-		-		_						$\dashv$	$\rightarrow$	
TOTAL White 12 8 4 2 1 2 1 6 3 3 3 1 1 1 1 1	80 - over				_		_						-		_		_		_		-+								$\neg$		$\rightarrow$	-+	_
TOTAL			12	8	4	2	1	2	-				1	6	3	3	3	3	NUCCESSION OF	1		1	-				-	1				-+	otropois
	TOTAL		ACCORDING TO A CONTRACTOR OF A	CONTRACTOR OF T	and the second se	discount of the		-	1							-		-	1	-	$\neg$			1	1	1	$\neg$	-	$\neg$		$\neg$	$\neg$	-
GRAND TOTAL     30     22     8     3     3     1     2     19     5     13     4     6     1     2     1     1     1     1	GRAND	TOTAL	CONTRACTOR OF THE OWNER OF T	COLUMN TWO IS	ALCOHOL:	ACCREMENTS OF	CALCULAR DE LA CALCOLINA DE LA CALCOLINA DE LA CALCOLINA DE LA CALCOLINA DE LA CALCOLINA DE LA CALCOLINA DE LA	NURSER	SHOWING ST				2	ALC: NO. OF CONTRACT, CONTRACT, CONTRACT, CONTRACT, CONTRACT, CONTRACT, CONTRACT, CONTRACT, CONTRACT, CONTRACT,	NO OTHER	PERMITTER OF	Contraction of the	CONTRACTOR OF	1	100000000	-	1		THE OWNER DESIGNATION OF	-	-		1	-		T		

# NATURAL CAUSES



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# **DEATHS FROM NATURAL CAUSES**

### MONTHLY ALCOHOL INCIDENCE

				(**********					antara da Alexandra Alexandra Alexandra Alexandra Alexandra Alexandra Alexandra Alexandra Alexandra Alexandra A			-								-							TA	B	12	8	80
		Represente				N	OT 1	resi	red					TES	TED									STA	AGES	5		2			president of the second second
		Т	otal	T	otal	Т	oo ong	8	nder .ge	0	her	Т	otal	N	leg.	Р	0S.		01% 04%	8	05% 09%	8	10% 14%		15% 19%		20% 24%		25% 29%		30% over
MONTH	TOTAL	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	М	F	M	F	М	F	M	F
JANUARY	142	93	49	16	6	.2	1	4	2	10	3	77	43	70	40	7	3	2		1	1	3		1	1		Γ				1
FEBRUARY	139	89	50	11	10	4	3	2		5	7	78	40	66	38	12	2	2		1	2	2		2		-3		2			
MARCH	149	93	56	15	7	5		4	Γ	6	7	78	49	74	48	4	1	1		2										1	1
APRIL	145	81	64	19	11	5	2	3	2	11	7	62	53	61	50	1	3			1	1		1			Γ		Ī	1		$\square$
МАҰ	127	89	38	17	8	1		1		15	8	72	30	66	27	6	3	2		1			1	1	1	1	1			1	
JUNE	123	81	42	14	9	3	4	1	1	10	4	67	33	59	30	8	3	3	1	2			1			1		1	1	1	$\square$
JULY	165	97	68	16	16	5	4			11	12	81	52	77	51	4	1	1		1		1	1	1							
AUGUST	130	89	41	17	7	2	1			15	6	72	34	66	31	6	3	1	1	3	1	1						1	1		
SEPTEMBER	104	65	39	14	6	3				11	6	51	33	47	32	4	1	1	1	1										2	
OCTOBER	150	88	62	18	12	.3	3	1	1	14	8	70	50	66	47	4	3	1	1	1	1			1	1	1					
NOVEMBER	160	102	58	22	9	1	1	1		20	8	80	49	71	49	9		4		4						1					
DECEMBER	148	95	53	23	10	2		4	1	17	9	72	43	65	40	7	3		2	3	1	2		1						1	
TOTAL	1682	1062	620	202	111	36	19	21	7	145	85	860	509	788	483	72	26	18	6	21	7	9	4	7	3	7	1	4	3	6	2

### DEATHS FROM NATURAL CAUSES INTERNATIONAL CODE OF CAUSES OF DEATH LISTED BY MONTH

																									TA	BL	E 81
	J	AN.	F	EB.	M	AR.	AP	RIL	M	AY	л	INE	JU	JLY	AL	JG.	SE	PT.	00	CT.	N	ov.	D	EC.	то	TAL	GRAND
CLASSIFICATION OF DISEASES BY CODE*	М	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F	М	F	М	F	TOTAL
Infective and Parasitic Diseases	3			2					1		1		2							1		1	1		8	4	12
Neoplasms	2		3		7		3	4	2	1	3	4	4	5	5	2	4	5	6	1	9	4	2	2	50	28	78
Allergic, Endocrine System, Metabolic and	Ι		Γ																						Conservation of the second		
Nutritional Diseases	1		1				L		1										1			1		2	4	3	7
Diseases of the Blood and Blood-forming Organs															1						-				1		1
Mental, Psychoneurotic and Personality Disorders**			3		1			2	1		1					and the second second	1	-	-		VLECOMOG	-	-		7	2	9
Diseases of the Nervous System and Sense Organs	1		1			1	1			1	1						1	1	2		1	1		·	8	4	12
Diseases of the Circulatory System	77	43	71	43	77	51	70	52	77	30	67	32	85	59	75	36	52	28	69	56	80	48	84	44	884	522	1406
Diseases of the Respiratory System	2	1	2	2	2	1	2	3	1		2	1	2		2		3		3		1			2	22	10	32
Diseases of the Digestive System	3	2	4		1	1		1	4	3	3	1		1	5	1		3	3	1	4	1	2	1	29	16	45
Diseases of the Genito-urinary System				1			1							1			-	-	1	-	2	ani ani ani ana	wantatiitia		4	2	6
Deliveries and Complications of Pregnancy,					Number of the local data																						
Childbirth and the Puerperium																											0
Diseases of the Skin and Cellular Tissue						1											1	. 1							1	2	3
Diseases of the Bones and Organs of Movement	Ι		1											1											1	1	2
Congenital Malformations				1	1						1								1						3	1	4
Certain Diseases of Early Infancy	-			and a second statements		-	1	-	L												-				1		1
Symptoms, Senility and Ill-defined Conditions***	4	-	3	1	4	1	3	2	2	.3	2	4	4	1	1	2	3	1	2	3	5	2	6	2	39	25	64
TOTAL	93	49	89	50	93	56	81	64	89	38	81	42	97	68	89	41	65	39	88	62	102	58	95	53	1062	620	1682

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

\* In Mental, Psychoneurotic and Personality Disorders 9 were due to Alcoholism. (Alcoholism with associated physical disease totaled 14.)

<sup>s</sup> Sudden Unexpected Infant Deaths Totaled 43.

# **AUTOPSIES-DEATHS FROM NATURAL CAUSES**

#### INTERNATIONAL CODE OF CAUSES OF DEATH LISTED BY MONTH

#### TABLE 82 JAN. FEB. MAR. APRIL MAY JUNE JULY AUG. SEPT. OCT. NOV. DEC. TOTAL GRAND **CLASSIFICATION OF DISEASES BY CODE\*** TOTAL F M F F M F М F М Μ F MF М F M F M F M F M F MF M Infective and Parasitic Diseases 13 13 Neoplasms Allergic, Endocrine System, Metabolic and **Nutritional Diseases** Diseases of the Blood and Blood-forming Organs Mental, Psychoneurotic and Personality Disorders\*\* Diseases of the Nervous System and Sense Organs .3 5 29 **Diseases of the Circulatory System** 5 23 7 16 12 18 3 18 9 14 14 3 15 5 19 12 22 **Diseases of the Respiratory System Diseases of the Digestive System** 17 10 Diseases of the Genito-urinary System Deliveries and Complications of Pregnancy. Childbirth and the Puerperium Diseases of the Skin and Cellular Tissue Diseases of the Bones and Organs of Movement **Congenital Malformations Certain Diseases of Early Infancy** Symptoms, Senility and Ill-defined Conditions\*\*\* 1 5 38 11 35 12 26 15 25 17 34 9 27 11 35 13 21 17 25 9 22 11 31 16 30 13 349 154 TOTAL

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

\*\* In Mental, Psychoneurotic and Personality Disorders 9 were due to Alcoholism. (Alcoholism with associated physical disease totaled 10.)

\*\*\* Sudden Unexpected Infant Deaths Totaled 44. (one case autopsied in 1986 but died in 1985)

# DEATHS FROM NATURAL CAUSES

### MONTHS AND AGE GROUPS

																											_E 83
	JA	AN.	F	EB.	MA	AR.	AP	RIL	M	AY	JU	INE	JU	JLY	AU	JG.	SE	PT.	0	CT.	N	DV.	D	EC.	TO	FAL	GRAND
AGE	м	F	M	F	М	F	М	F	М	F	М	F	М	F	M	F	M	F	М	F	M	F	M	F	M	F	TOTAL
Under 1 year	4	2	1	1	4		3	2	1	3	4	3	3		1	2	3	1	3	2	4	2	4	2	35	20	55
1 - 4		1	1				1	1	1			1						Ì							.3	3	6
59	1		1		1								1											1	4		4
10 - 14												1														1	1
15 - 19	1					otopenietidaes	1										1		1			1		Ι	4	1	5
20 - 24			1			1	2		2	and considered		1	and the state of			1	I			1		2	2		7	6	13
25 - 29	2		1	1	2	Construction A			2		2			1				1	4		2				15	3	18
30 - 34	1	1	4		4	1	1	1	2					1	5		2	ŀ	1	1	2		4	1	26	6	32
35 - 39	3	1	2	2	3	1	3	1	3		.3	1	2	1	3	.3	3	2	3		1	2	3	2	32	16	48
40 - 44	5		5	1	5	1	1	1	1		7		5		5		3	2	1	.2	4	2	4	1	46	10	56
45 - 49	5	3	5	1	3	1	4		5	5	1	1	10	3	3	3	2	1	4	4	4	1	4	1	50	24	74
50 - 54	2		5		7		3	1	6	3	4	2	2	6	9	5	4	1	5		10	3	12	3	69	24	93
55 - 59	12	6	7	3	13	3	5	5	12	1	11	1	7	6	7	2	6	4	12	6	11	2	13	7	116	46	162
60 - 64	14	5	12	8	11	5	12	6	21	2	11	5	12	9	16	5	5	3	20	6	20	9	6	5	160	68	228
65 - 69	18	4	16	7	13	10	11	13	6	8	9	4	17	10	15	3	12	6	7	11	16	8	11	7	151	91	242
70 - 74	10	5	9	7	8	8	12	11	10	2	12	4	21	10	11	10	9	3	8	6	9	8	11	.4	130	78	208
75 - 79	7	10	10	8	8	12	7	6	5	. 7	5	8	5	4	3	3	6	7	6	9	8	5	11	7	81	86	167
80 - over	8	11	9	11	11	13	15	16	13	7	12	10	12	17	11	.4	9	8	13	14	10	13	10	13	133	137	270
TOTAL	93	49	89	50	93	56	81	64	89	38	81	42	97	68	89	41	65	39	88	62	102	58	95	53	1062	620	1682

TADLE OO

# **AUTOPSIES-DEATHS FROM NATURAL CAUSES**

### MONTHS AND AGE GROUPS

																										BI	<b>E 84</b>
AGE	J	AN.	F	EB.	M	AR.	AP	RIL	M	AY	л	INE	JL	JLY	A	IJG.	SE	PT.	0	CT.	N	ov.	DI	EC.	TO	FAL	GRAND
AGE	М	F	M	F	М	F	М	F	M	F	М	F	М	F	M	F	M	F	M	F	М	F	M	F	М	F	TOTAL
Under 1 year	2	3	2	1	3		.3	2	1	3	4	3	3		1	2	.3	1	.3	2	4	2	4	2	33	21	54
1 - 4		1	1					1							1										1	2	3
5 - 9	1												1												2		2
10 - 14												1	1			1										1	1
15 - 19	1								1								1		1			1			4	1	5
20 - 24			1	Ī		1	1		2			1			<b>.</b>	1	1			1		1	2		6	5	11
25 - 29	2	Ī		1	2				2	ome caraseses	2							1	4	nondaladuce	1				13	2	15
30 - 34	1	1	3		2	1	1	1	2		Γ			1	4		3			1	2		.4	1	22	6	28
35 - 39	3	I	2	1	3		3	. 1	3		3		2	2	2	3	3	1	3		1	2	2	2	30	12	42
40 - 44	5		5	1	4	1	1	1	1		7		.4		5		2	2	1		3	2	3		41	7	48
45 - 49	3	1	.5	1	.2	1	.4		4	2	1	1	8	2	2	2	2	1	1	1	.4	1	.3		39	13	52
50 - 54	2		.3		2		2	1	.4	2	2			4	4	3	3	1	3		5	2	6		-36	13	49
55 - 59	5	1	3	2			3	1	3		3		3	1		1			1	1	3		2	4	26	11	37
60 - 64	3		1		2	1	4	2	6		3	1	4	1	2	2	2	1	2	2	2	1			31	11	42
65 - 69	.4		4	1	3	.3	2	2		2	1	1	.4				2			1	3		2	1	25	11	-36
70 - 74	2		1	3		3	1	2	1	2			5	1		2	.1				1	.3		1	12	15	27
75 - 79	2	2	1		2	.4		1			1	1						1	1	2	1		2	1	10	12	22
80 - over	2	2	3	1	1			2	4			2	1	1	1	1	.3		2		1	1		1	18	11	29
TOTAL	38	11	35	12	26	15	25	17	34	9	27	11	35	13	21	17	25	. 9	22	11	.31	16	30	13	349	154	503

# **DEATHS FROM NATURAL CAUSES**

### INTERNATIONAL CODE OF CAUSES OF DEATH LISTED BY AGE GROUPS

			-		-		-			-															-			Linkstriction	-		-		-	Advitored	5	A	B		85
CLASSIFICATION OF DISEASES BY CODE*		ider Tear	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	то	TAL	GRAND TOTAL
DISEASES BY CODE*	M	F	M	F	M	F	M	F	M	F	M	F	M	F	М	F	M	F	М	F	M	F	М	F	M	F	M	F	M	F	M	F	М	F	M	F	M	F	
Infective and Parasitic Diseases	4	2											2				1			1	1															1	8	4	12
Neoplasms	1		Ι	1		1	Ι								1				2		1	1	3	2	5	4	12	3	12	10	3	4	7	1	4	2	50	28	78
Allergic, Endocrine System, Metabolic and Nutritional Diseases					1						1	1					1		1	1		1															.4	3	7
Diseases of the Blood and Blood-forming Organs															1																						1		1
Mental, Psychoneurotic and Personality Disorders **															1		1	1	3	1	1								1								7	2	9
Diseases of the Nervous System and Sense Organs			2															1	1	1			2	1	1					1					2		8	4	12
Diseases of the Circulatory System	1				1			1	1	1	3	3	11		15	4	22	8	34	4	39	18	62	19	103	39	139	61	133	77	123	71	73	85	124	131	884	522	1406
Diseases of the Respiratory System	3	1	1						1		1	1	1		1	1		2	3		1				2	2	2		2	3	2		1		1		22	10	32
Diseases of the Digestive System					1										5		5	2	1	2	5	2		2	4	1	4	2	1		1	3			2	2	29	16	45
Diseases of the Genito- urinary System													1	1							1	1					1		1								4	2	6
Deliveries and Complications of Pregnancy, Childbirth and the Puerperium																																							0
Diseases of the Skin and Cellular Tissue			Γ											1				1													1						1	2	3
Diseases of the Bones and Organs of Movement			Γ																				1													1	1	1	2
Congenital Malformations Certain Diseases of Early	1		<b>—</b>						1					1	_	_	1				_	_				-										-	3	1	4
Infancy Symptoms, Senility and Ill-	1																			_						-+	_	-						$\square$			1		1
defined Conditions	25	and the second second	Ļ	2	1	and the second s			1	_	2	1	15		2	1	1	1	1	10	1	1	1	24	1	46	2	2	1	01	120	70	01	86	100	107	39	25	64
TOTAL	35	20	3	3	4			1	4	1	1	U	19	3	40	0	34	10	40	10	50	44	09	44	110	40	ιοή	00	191	91	130	18	81	80	133	137	1062	620	1682

\* International Classification of Diseases by World Health Organization: Ninth Revision.
 \*\* In Mental, Psychoneurotic and Personality Disorders 9 were due to Alcoholism. (Alcoholism with associated physical disease totaled 14.)

\*\* Sudden Unexpected Infant Deaths Totaled 43.

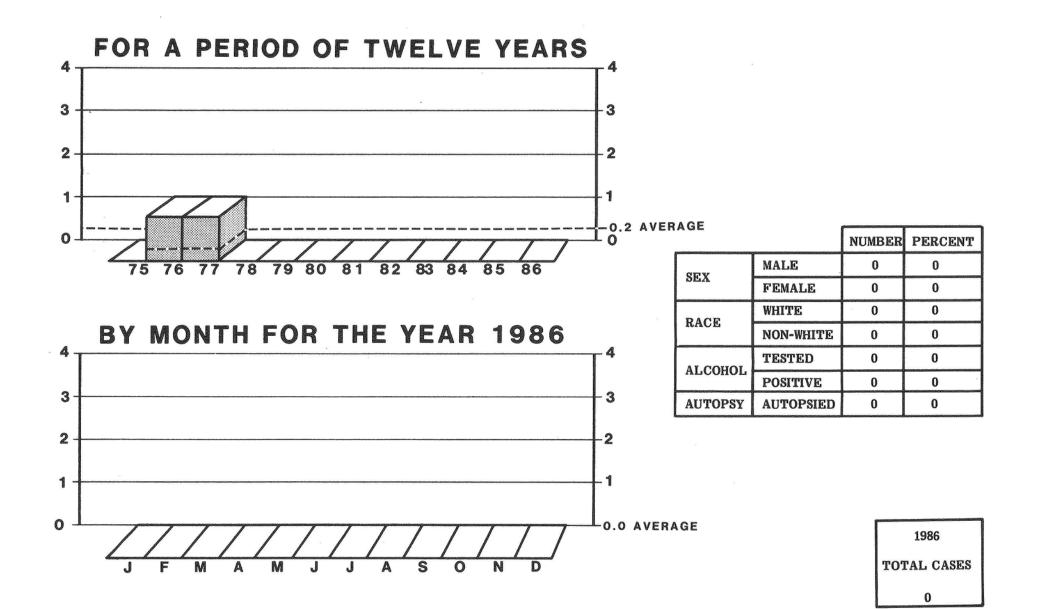
# **AUTOPSIES-DEATHS FROM NATURAL CAUSES**

### INTERNATIONAL CODE OF CAUSES OF DEATH LISTED BY AGE GROUPS

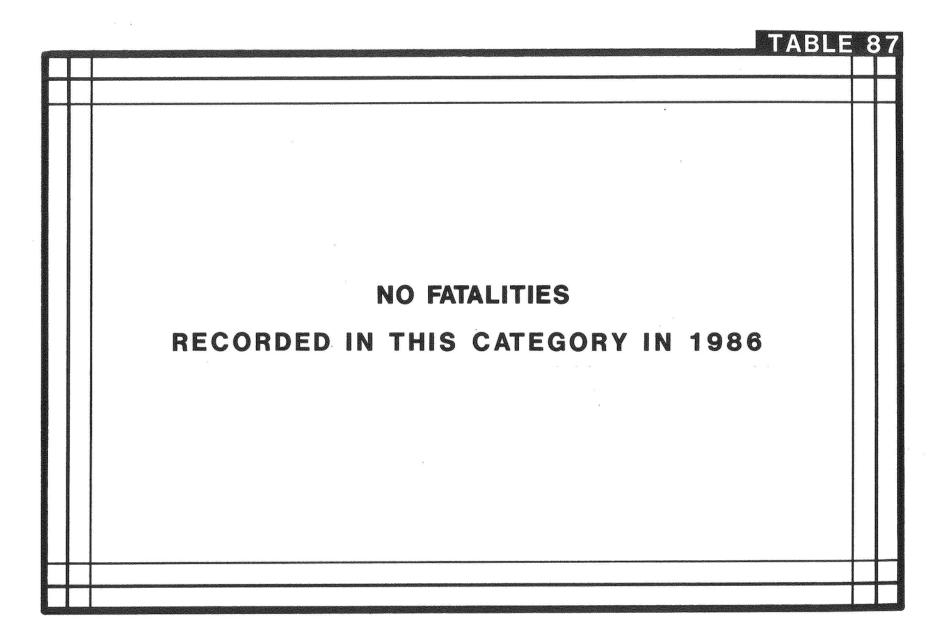
	<b>1</b>						<b>.</b>							an a la secondada	-		-		-					-		-			( and the second second second second second second second second second second second second second second se		-		(glasievalatura		5	A	B		86
CLASSIFICATION OF DISEASES BY CODE*		nder Year	1	- 4	5	- 9	10	- 14	15 -	- 19	20 -	- 24	25 -	- 29	30 -	- 34	35 -	- 39	40 -	44	45 -	- 49	50 -	- 54	55 -	- 59	60 -	- 64	65 -	- 69	70 -	- 74	75	- 79	80-	over	то	TAL	GRAND TOTAL
DISEASES BY CODE*	M	F	M	F	M	F	M	F	M	F	М	F	М	F	M	F	М	F	M	F	M	F	М	F	М	F	М	F	M	F	M	F	M	F	M	F	M	F	TOTAL
Infective and Parasitic																													-			1	Γ	1	1		1	1	
Diseases	3	2	+	+	+		ļ	-	L				2				1			1														L			6	and the second second	9
Neoplasms	Ļ	-	-	1	1		ļ								1				2		1	1		1	1	2	3	3	4	3		1			1	1	13	13	26
Allergic, Endocrine System,																																		Γ					1
Metabolic and Nutritional				1	1						1						1		1																				
Diseases Diseases of the Blood and			+	+								_					-1		<u> </u>		_										-						3		3
Blood- forming Organs															1																						1		1
Mental, Psychoneurotic and	1	1	T	1	1	1							nonecessor			-															-							<u> </u>	
Personality Disorders **															1		1	1	3	1	1								1								7	2	9
Diseases of the Nervous	1	1	T	T	T	1																							-										
System and Sense Organs																1			1	1			1	1	1					1	- 8						3	3	6
Diseases of the Circulatory	1	1	1	T	1																					-				-					$\vdash$				
System								1	1	1	2	3	10		12	4	20	8	29	2	. 32	9	34	9	22	6	23	7	20	6	12	13	10	12	17	9	244	90	334
Diseases of the Respiratory				Τ	Γ																					-													
System	3	1	1						1		1	1	1		1	1		1	3		1					2	. 1	- 1		1						i 1	12	7	19
Diseases of the Digestive				1					T							1												T					-						Concern restored
System					1										4		5	1	1	2	3	1		2	1	1	2	1				1				1	17	10	27
Diseases of the Genito-									1							Π	T					1		T	1	1													
urinary System			L																			1					1			1		- 1					1	1	2
<b>Deliveries and Complications</b>															1	1	T					1			T				1		Î								
of Pregnancy, Childbirth and	-																- 1																		1 1		1	1 1	
the Puerperium			L		L			_		_																													0
Diseases of the Skin and								- 1																				T		T					$\square$	T			
Cellular Tissue								_		_	_	_		1																								1	1
Diseases of the Bones and																					T			T	T	T	T	T	T	T	T	T		1	T	I	T		
Organs of Movement	_																						1														1		Í
Congenital Malformations	1								1					1			1			I	T	I	I			Ι		T		T			Î			T	3	1	4
Certain Diseases of Early								1												T		T		T		T	T	T		T	T	T						T	1
Infancy	1							_		_	_	_				_		$\rightarrow$		_	_	_			_												1		1
Symptoms, Senility and Ill-	05	18										. 1										. 1													T				
defined Conditions *** TOTAL	25	the second second	1		-	GENERAL		-+			2	4	10		2	1	1	1	1	_	1	1			1	_	2		-	_				_	-		37	23	60
IUIAL	33	21	1	2	2			1	4	1	6	5	13	z	22	6	30	12	41	7	39	13	36	13	26	11	31	11	25	11	12	15	10	12	18	11	349	154	503

\* International Classification of Diseases by World Health Organization: Ninth Revision.
 \*\* In Mental, Psychoneuotic and Personality Disorders 9 were due to Alcoholism. (Alcoholism with associated physical disease totaled 10.)
 \*\*\* Sudden Unexpected Infant Deaths Totaled 44. (one case autopsied in 1986 but died in 1985)

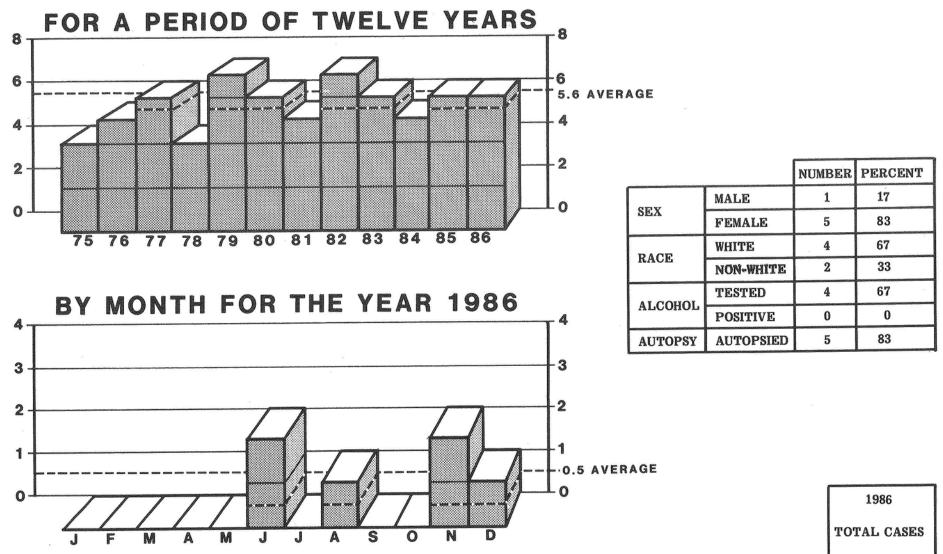
# ABORTIONS



# **ABORTION FATALITIES**



# NEONATAL AND INTRA-UTERINE DEATHS



6

# **NEONATAL AND INTRA-UTERINE DEATHS\***

### **BY MONTH AND AGE GROUPS**

	(Printers of the local data of														JELE	88		
			OUP I			GR	OUP II			GRO	UP III				OUP IV			
	LIVE E	BIRTH	FOETA	L DEATH	LIVE	BIRTH	FOETAI	L DEATH	LIVE F	BIRTH	FOETA	L DEATH	LIVE I	BIRTH	FOETA	L DEATH	то	TAL
MONTH	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F
JANUARY																		
FEBRUARY																		
MARCH																		
APRIL																		
МАЧ																		
JUNE										1	e -	. 1						2
JULY																		
AUGUST					-				1								1	
SEPTEMBER										· · ·								
OCTOBER											-			1				
NOVEMBER										2								2
DECEMBER												1						1
TOTAL									1	. 3		2					1	5

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

This category includes stillbirths (foetal deaths) and deaths due to natural causes in the 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-NEONATAL AND INTRA-UTERINE DEATHS\***

### BY MONTH AND AGE GROUPS

															ABL	E 89		
· .		GR	OUP I			GR	OUP II			GRO	DUP III			GRO	OUP IV			
	LIVE	BIRTH	FOETA	DEATH	LIVE	BIRTH	FOETA	L DEATH	LIVE I	BIRTH	FOETAI	DEATH	LIVE	BIRTH	FOETA	L DEATH	TO	TAL
MONTH	·M	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F
JANUARY																		
FEBRUARY																		
MARCH																		anisticalitics
APRIL					1													
МАУ															5			
JUNE												1					00750005750	1
JULY										1								1
AUGUST									1								1	
SEPTEMBER																	20002000000	
OCTOBER		2																
NOVEMBER										2								2
DECEMBER																		
TOTAL									1	3		1					1	4

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

This category includes stillbirths (foetal deaths) and deaths due to natural causes in the early neonatal period (live births).

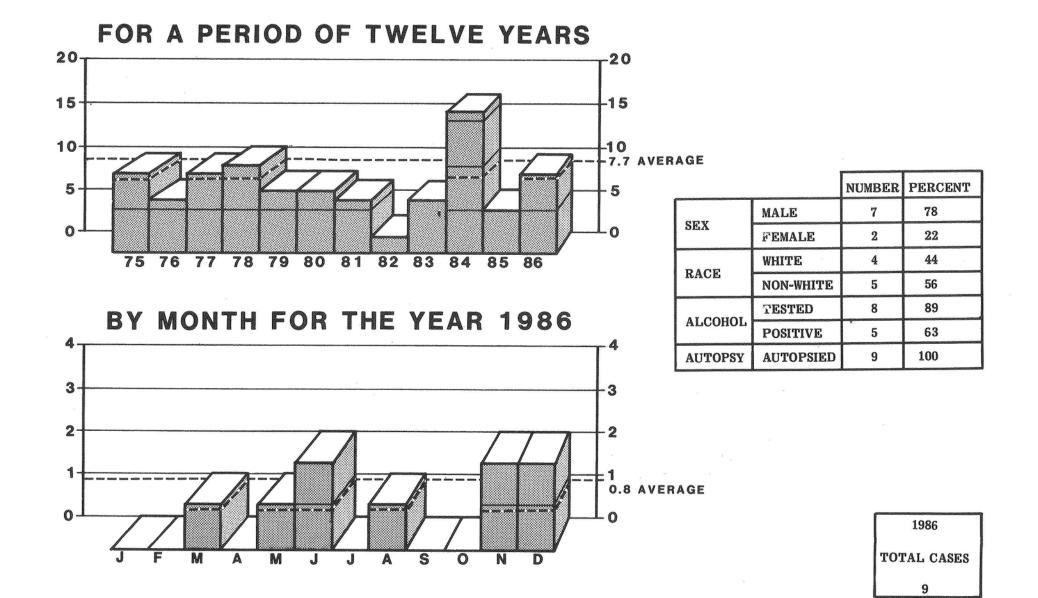
GROUP I - Less than 20 completed weeks of gestation.

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, or III.

# UNDETERMINED CAUSES



# **DEATHS FROM UNDETERMINED CAUSES**

1							ABLE 90
COLOR	SEX	AGE	MARITAL STATUS	DATE OF DEATH	OCCUPATION	WHERE DEATH OCCURRED	CASE NUMBER
White	Male	1 .	Single	3/ 4/86	Infant	Cleveland	194929
Black	Male	26	Single	5/ 6/86	Clerk	Cleveland	195385
White	Male	40	Single	6/ 1/86	Tool and Die Maker	Warrensville Township	195570
Black	Male	30	Single	6/13/86	Unemployed	Cleveland	195665
Black	Male	41	Divorced	8/19/86	Laborer	Cleveland	196153
Black	Male	29	Single	11/16/86	Clerk	Cleveland	196791
White	Male	36	Single	11/17/86	Photographer	Cleveland	196803
Black	Female	13	Single	12/15/86	Student	East Cleveland	197030
White	Female	54	Married	12/22/86	Homemaker	Parma	197085

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

Advanced postmortem decomposition in 3 cases.

Toxicology examination and alcohol determination conducted on 8 cases. Alcohol determination resulted in 5 positive cases and 3 negative cases.

# TOXICOLOGY

### INCIDENCE OF POISONINGS (%) IN TESTED INDIVIDUALS

# TABLE 91

#### CUYAHOGA COUNTY CORONER'S OFFICE

	NUMBER O	F DECEDENTS	NUMBER OF FA	TAL POISONINGS
POSTED	1424	(52.6%)	127	(95,5%)
NON-POSTED	1283	(47.4%)	6	( 4.5%)
NO SAMPLES*	612	(22.6%)	6	( 4.5%)
TOTAL	2707	(100.0%)	133	(100%)

\* No specimens submitted for toxicological analysis

OUTSIDE REFERRING AGE	NCIES
SOURCE	NUMBER
HOSPITALS**	711 (68.3%)
OTHER CORONER'S JURISDICTION	80 ( 7.7%)
PROFICIENCIES	32 ( 3.1%)
POLICE	218 (20.9%)
TOTAL	1041 (100.0%)

\*\* Includes in-and out-patients

	<b>-</b>		2010-0102003-013-01-02-02-02-02-02-02-02-02-02-02-02-02-02-		TABL	E 91/	
	CUYAHOGA COUNT	Y CORONEI	R'S LABORATORY	CASES	OUTSIDE REFERRI	NG AGENCI	2 ES
	ALL CA	FATAL POISO	NINGS	ALL CASES		TOTAL	
SUBSTANCES	INCIDENCE	%	INCIDENCE	%	INCIDENCE	%	ALL CASES
Acetaminophen	143	5.29	24	18.05	94	11.47	237
Amantidine <sup>3</sup>	2	0.07	1	0.75			2
Barbiturates (total)	(37)	1.37	(10)	7.52	(43)	5.25	(80)
Amobarbital		1			2	0.24	2
Butabarbital	1	0.04					1
Butalbital	1	0.04	1	0.75	6	0.73	7
Pentobarbital	3	0.11	2	1.50	2		3
Phenobarbital	28	1.04	3	2.26	31	3.78	59
Secobarbital	4	0.15	4	3.01	2	0.24	6
Screening test					2	0.48	2
Benzodiazepines (total)	(142)	5.25	(55)	41.36	(165)	20,13	(307)
Chlordiazepoxide	9	0.33	3	2.26	5	0.61	14
Clonazepam <sup>3</sup>					1	0.12	1
Diazepam	54	2.00	18	13.54	45	5.42	99
n-desmethylchlordiazepoxide	. 6	0.22	2	1.50	4	0,49	10
n-desmethyldiazepam	60	2.22	23	17.30	48	5,86	108
Demoxapam	5	0.18	2	1.50	3	0.37	8
n-desalkylflurazepam	6	0.22	.5	3.76	9	1.10	15
Flurazepam	2	0.07	2	1.50	3	0.37	5
Oxazepam				-	3	0.37	-3
Screening test					41	5,00	41
Temazepam <sup>3</sup>	ningenen proportier ander op en mendiger de kompeter kenning beiden in de kompeter in de kompeter in de kompete V	1			3	0.37	3
Brompheniramine	1	0,04			4	0.48	5
Caffeine 3	7	0.26	4	3.01	2	0.24	9
Carbon Monoxide3	62	2,29	47	35.34	7	0.85	69
Carbamazepine <sup>3</sup>	6	0.22		1 × 1	6	0.73	12
Carisoprotyl	1	0,04	1	0.75	1	0.12	2
Chlorpheniramine	16	0.59	4	3.01		1 .	16
Chlorpropamide	6	0.22			4	0.49	10
Cocaine	21	0.78	10	7.52	16	1.95	37
Cocaine Metabolite	43	1,59	11	8.27	41	5.00	84

TARLE Q1A cont

					IABLE 9	IA CON	
	CUYAHOGA CO	UNTY CORON	IER'S LABORAT	ORY CASES	OUTSIDE REFER	RING AGENC	ies <sup>2</sup>
gadaan kalintato madamini atara mada mula mula mula mula mula mula mula mul	ALL CA	CASES FATAL POISONING ALL CASES				TOTAL	
SUBSTANCES	INCIDENCE	%	INCIDENCE	%	INCIDENCE %		ALL CASES
Cogentin					1	0,12	1
Cyanide	1	0.04	1	0.75		0.12	1
Dextromethorphan	12	0.44	2	1.50	1	0.12	13
Diphenhydramine	19	0.70	7	5.26	14	1.71	33
Disopyramide	2	0.07					2
Doxylamine	10	0.37	1	0.75			10
Ethylene Glycol/Propylene Glycol <sup>3</sup>				T	1	0.12	1
Glutethimide				T	1	0,12	1
Hydroxyzige <sup>3</sup>	1	0,04			1	0.12	2
Ibuprofen 3	1	0.04	1	0.75			1
Ketamine	1	0.04					1
Lidocaine	162	5,99	8	6.02	30	3.66	192
Meperidine	25	0.92	1	0.75	12	1.46	37
Meprobamate	5	0.18	4	3.01	1	0.12	6
Methaqualone	1	0.04	1	0.75	1	0.12	2
Methadone	8	0.30	3	2.26	10	1,22	18
Methadone Metabolite	2	0.07	1	0.75	10	1.22	12
Normeperidine	14	0.52	1		9	1.10	23
Norpropoxyphene	26	0.96	17	12.78	24	2.93	50
Opiates (total)	(78)	2.89	(27)	19.58	(30)	3.66	(108)
Codeine	34	1.26	10	7.52	14	1.71	48
Hydromorphone	2	0.07	1	0.75			2
Morphine	38	1.41	13	9.78	15	1.83	53
Oxycodone	4	0.15	3	2.26	1	0,12	5
Orphenadrine	1	0.04		1		1	1
Pentazocine	1	0.04		1		1	1
Phencyclidine	6	0.22	2	1.50	18	2,20	24

TAPLE 01A cont

					IABLE 9	IA cont.	
	CUYAHOGA COUN	TY CORONE	R'S LABORATOR	Y CASES <sup>1</sup>	OUTSIDE REFERR	ING AGENCIES <sup>2</sup>	
	ALL CAS	ALL CASES FATAL POISONINGS			ALL CAS	ES	TOTAL
SUBSTANCES	INCIDENCE	%	INCIDENCE	%	INCIDENCE	%	ALL CASES
Phenothiazines (total)	(23)	0.85	(8)	6.02	(21)	2.56	(44)
Chlorpromazine	4	0.15	4	0.31	2	0.24	6
Thioridazine	9	0.33	4	3.01	1	0.12	10
Others	10	0.37			18	2.20	28
Phenytoin	44	1.63	3	2.26	17	2.07	61
Placidyl	3	0.11	2	1.50	2	0.24	5
Propoxyphene	23	0.85	13	9,42	10	1.22	33
Propranolol	2	0.07	1	0.75	1	0.12	.3
Primadone	2	0.07			1	0.12	.3
Quinidine	16	0,59	2	1.50	2	0.24	18
Quinine	6	0,22		İ	2	0.24	8
Tricyclic Antidepressants (total)	(64)	2.37	(36)	27.07	(73)	8.97	(137)
Amitriptyline	11	0.41	8	6.02	18	2.20	29
Amoxapine	1	0.04	1	0.75	3	0.37	4
Desipramine	6	0.22	2	1.50	11	1.34	17
Doxepin	15	0.56	9	6.77	4	0.49	19
Imipramine	5	0.18	1	0.75	8	0.98	13
Loxapine			1		4	0.49	4
Nordoxepin	14	0.52	7	5.26	5	0.61	19
Nortriptyline	11	0.41	7	5.26	20	2,44	31
Trimipramine	1	0.04	1	0.75			1
Salicylate	83	3.07	10	7.52	57	6.95	140

TADLEGIA

	· CONTRACTOR AND AND A DOCUMENTS STORED				TABLE 9	IA conu	
:	CUYAHOGA COU	NTY CORON	ER'S LABORATO	OUTSIDE REFER	2		
•	ALL CAS	ALL CASES FATAL POISONINGS			ALL C	TOTAL	
SUBSTANCES	INCIDENCE	%	INCIDENCE	%	INCIDENCE	%	ALL CASES
Sympathomimetics (total)	(52)	1.81	(13)	9.42	(54)	6.59	(106)
Amphetamine					1	0.12	1
beta-Phenethylamine <sup>3</sup>	3	0.11					3
Ephedrine	15	0.56	3	2.26	21	2.56	36
Methamphetamine	2	0.07			1	0,12	3
Phentermine	4	0.15	2	1.50	4	0.49	8
Phenylpropanolamine	28	1.04	8	6.02	27	3,29	55
Theophylline <sup>3</sup>	16 .	0.59					16
Tolbutamide	.3	0.11	1	0.75			3
Trazadone <sup>3</sup>					1	0.12	1
Tripelennamine	4	0.15			2	0.24	6
Verapamil					1	0.12	1
Volatiles (total)	(408)	15.10	(45)	33.09	(128)	15.62	(536)
Benzene <sup>3</sup>	1	0.04	1	0.75			1
Chloroethane <sup>3</sup>	1	0.04	1.	0.75			1
Ethanol	382	14.10	42	31.58	115	14.03	497
Isopropanol/Acetone	23	0.85			13	1.59	36
Toluene 3	1	0.04	1	0.75			1
TOTALS	1612		373		919		2531

 All autopsied decedents from whom specimens were submitted and 20% of the remaining unautopsied decedents preceding spot tests were completely evaluated.\* Specimens from the remaining decedents were tested primarily for ethyl alcohol and its analogues and spot tests when urine was submitted.

2. Data from hospital patients, decedents in other coroners' jurisdictions and proficiency tests. Excluded are data from 218 police arrests, 210 of which were positive for ethanol.

3. Evaluation for this agent only carried out by special request.

\* Completely evaluated - as defined by items on page 190.

### TOXICOLOGY LABORATORY REPORT INCIDENCE OF ANALYTES IN POSITIVE CASES \*

### TABLE 91B

CUYAHOGA C	OUNTY CORC	OUTSIDE REFERRING	OUTSIDE REFERRING AGENCIES		
ALL CASES	(%)	FATAL POISONIN	IGS (%)	ALL CASES	(%)
Ethanol	14.10	Benzodiazepines	41.36	Benzodiazepines	20,13
Lidocaine	5,99	Carbon Monoxide	35.34	Ethanol	14.03
Acetaminophen	5.29	Ethanol	31.58	Acetaminophen	11.47
Benzodiazepines	5.25	Tricyclic Antidepress:	ants 27.07	Tricyclic Antidepress	ants 8.97
Salicylate	3.07	Propoxyphene/ Norpropoxyphene	22.20	Cocaine/ Cocaine Metabolite	6.95
				Salicylates	6.95
Opiates	2.89	Opiates	19.58	Sympathomimetics	6.59
Cocaine/ Cocaine Metabolite	2.37	Acetaminophen	18.05	Barbiturates	5.25
Tricyclic Antidepres	sant 2.37	<i>2</i>			
Carbon Monoxide	2,29	Cocaine/ Cocaine Metabolite	15.79	Propoxyphene/ Norpropoxyphene	4.15
Propoxyphene/ Norpropoxyphene	1.81	Sympathomimetics	9.42	Lidocaine	3.66
Sympathomimetics	1.81			Opiates	3.66
Meperidine/ Normeperidine	1.44	Salicylates	7.52	Meperidine/ Normeperidine	2,56
				Phenothizines	2.56

\* A "Positive Case" is one wherein an exogenous chemical substance was detected, see Table 91A.

### TOXICOLOGY LABORATORY REPORT PROFICIENCY STUDIES

					ABLE 92	
AGENCY	SURVEY TYPE	NUMBER OF	NUMBER OF	NUMBER OF SAMPLES		
		SURVEYS	BLOOD	URINE	SUBSTANCES FOUND	
College of American Pathologists (CAP)	Alcohol Toxicology Survey	9	36		36	
College of American Pathologists (CAP)	Urine Toxicology Survey	4		12	51	
Programa DeControl DeCalidad (Spain)	Urine Toxicology Survey Drugs of Abuse	1		6	8	
Department of Transportation (Federal)	Alcohol	2	8		8	
Ohio Department of Health	Alcohol	1	6		6	
Pennsylvania Department of Health	Urine Toxicology Survey Drugs of Abuse	4		16	32	
Wisconsin State Laboratory of Hygiene	Alcohol	11	27	5	32	
TOTAL		32	77	39	173	

In 1986 the Cuyahoga County Coroner's Office Toxicology Laboratory participated in 32 proficiency surveys. The performance of the laboratory was rated satisfactory by the agencies conducting the surveys.

### TOXICOLOGY LABORATORY REPORT SUBSTANCES INVOLVED IN FATAL POISONINGS\*

		Π,	ABLE 9
SUBSTANCES	ACCIDENT	SUICIDE	TOTAL
Single Chemical Agent:			
Amantadine		1	í
Amitriptyline	1	3	4
Amoxapine		1	1
Carbamazepine		1	1
Chloroethane	1		1
Cocaine	4		4
Codeine	1		1
Cyanide		1	1
Desipramine		1	1
Diphenhydramine		1	1
Doxepin	1	1	2
Ethylene Glycol	1		1
Imipramine	1		1
Intravenous drug abuse	3		3
Meprobamate	1		1
Methanol	1		1
Opiate	1		1
Phencyclidine	1		1
Phentermine	1 1		1
Propoxyphene	3	2	5
Salicylate	3		3
Secobarbital		1	1
Thioridazine		2	2
Tincture of Opium	1		1
Trimipramine		1	1
TOTAL	25	16	41
Combined effect of ethanol and:			
Amitriptyline			1
Diazepam	1		1
Dilaudid	1		1
Opiate	1		1

# TOXICOLOGY LABORATORY REPORT SUBSTANCES INVOLVED IN FATAL POISONINGS\*

		TABLE 9	3 cont.
SUBSTANCES	ACCIDENT	SUICIDE	TOTAL
continued: Combined effect of ethanol and:		2	
Propoxyphene	1	1 <sup>12</sup>	1
Secobarbital	· .	13	1
Acetaminophen and Doxepin		1	1
Chlordiazepoxide and Opiates	1		1
Diazepam and Cannabinoids	1		1
Diazepam and Propoxyphene	1		1
Butabarbital, Phenobarbital and Secobarbital	1	1	1
Caffeine, Codeine and Flurazepam	1		1
Diazepam, Methadone and Morphine	1		1
Diphenhydramine, Meprobamate and Doxepin		1	1
Acetaminophen, Codeine, Pentobarbital and Propoxyphene	-	1	1
TOTAL	11	4	15
Combined effect of two chemical agents:			
Acetaminophen and Propoxyphene	1	1	2
Amitriptyline and Codeine		1	1
Chlorpromazine and Diphenhydramine		1	1
Chlorpromazine and Doxepin		1	1
Cocaine and Morphine	1		1
Cocaine and Opiate	1		1
Diazepam and Propoxyphene	1		1
Doxepin and Ethchlorvynol		1	1
Ibuprofen and Salicylate	. 1		1
Methadone and Morphine	1		1
TOTAL	6	5	11
Combined effect of three chemical agents:			
Acetaminophen, Diazepam and Propoxyphene	1		1
Acetaminophen, Propoxyphene and Quinidine	1		1
Amitriptyline, Nortriptyline and Secobarbital	1		1
Diazepam, Meperidine and Placidyl	1		1
Meprobamate, Propoxyphene and Soma	1		1
TOTAL	5		5

00

### SUBSTANCES INVOLVED IN FATAL POISONINGS\*

		TABLE	93 cont.
SUBSTANCES	ACCIDENT	SUICIDE	TOTAL
Combined effect of four chemical agents:			
Acetaminophen, Propranolol, Salicylate and Thioridazine		1	1
Cocaine, Methadone, Propoxyphene and Valium	1		1
Cocaine, Phencyclidine, Morphine and Valium	1		1
Diazepam, Oxycodone, Pentobarbital and Salicylate	1		1
TOTAL	3	1	4
Combined effect of five chemical agents:			
Acetaminophen, Butalbital, Caffeine, Codeine and Doxepin	1	-	1
Amitriptyline, Chlordiazepoxide, Flurazepam, Nortriptyline			
and Thioridazine		1	1
TOTAL	1	1	2
Combined effect of seven chemical agents:			
Acetaminophen, Amitriptyline, Dilantin, Doxepin, Flurazepam,			
Phenobarbital and Propoxyphene	1		1
TOTAL	1		1.
GRAND TOTAL	52	27	79

\* Excludes Carbon Monoxide Deaths.

#### CARBON MONOXIDE FATALITIES

TABLE 93A ACCIDENTAL SUICIDE HOMICIDE NATURAL SUBSTANCES SMOKE AUTO EXHAUST AUTO EXHAUST SMOKE SMOKE TOTAL GAS 13 3 7 23 **Carbon Monoxide** 3 2 13 **Carbon Monoxide and Ethanol** 2 4 2 Carbon Monoxide, Ethanol and Other Medications Doxepin 1 1 **Cocaine and Cocaine Metabolite** 1 1 Diazepam and n-Desmethyldiazepam 1 1 n-Desmethyldiazepam and Salicylate 1 1 Phenylpropanolamine and Chlorpheniramine 1 1 Chlorpheniramine, n-Desmethyldiazepam, n-Desmethylchlordiazepoxide and Demoxapam 1 1 Acetaminophen, Chlorpheniramine, Oxycodone, Ephedrine and Phenylpropanolamine 1 1 **Carbon Monoxide and Other Medications** 1 1 Acetaminophen 1 1 Chlorpromazine Lidocaine 1 1 1 Meprobamate 1 Methaqualone 1 1 1 Tolbutamide 1 Acetaminophen and Morphine 1 1 Acetaminophen and Quinidine 1 1 1 1 Morphine and Codeine Oxycodone and Salicylate 1 1 Diphenhydramine, Doxylamine and Dextromethorphan 1 1

24

2

54

3

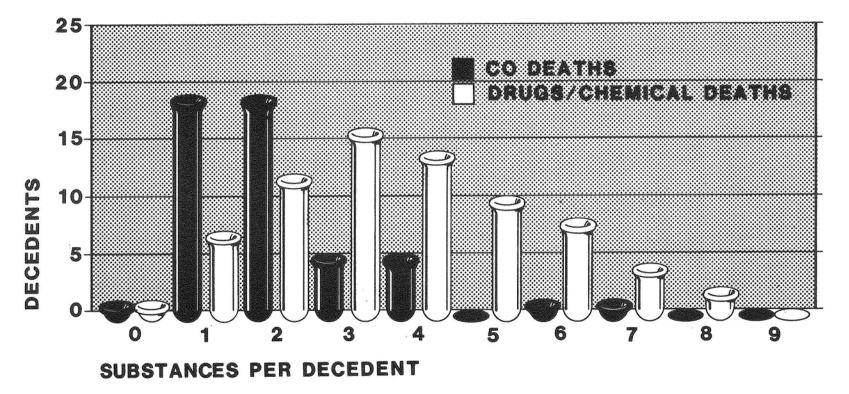
18

5

2

TOTAL

# INCIDENCE OF POLYPHARMACY\*IN 133 POISONING FATALITIES

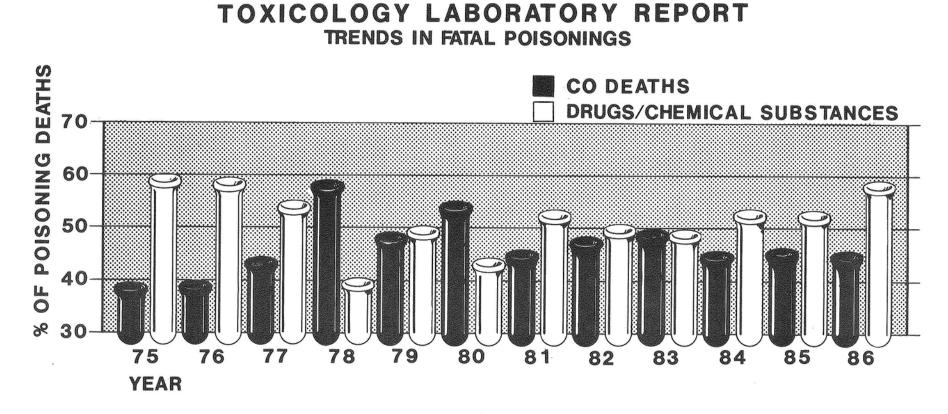


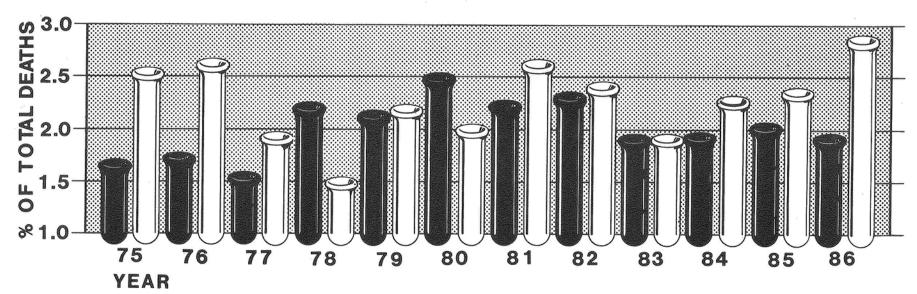
\* Two or more substances per case.

#### POISONING FATALITIES 1975 - 1986

	ABLE 93B														
				CIDENTS	OTHER		HOMICIDE		SUICIDE		MANNER UNDETERMINED		Т	TOTAL	
	HO	OME	W	ORK	OTHE	R PLACES			-		OTADE	IERWINED			
YEAR	со	OTHERS	CO	OTHERS	CO	OTHERS	со	OTHERS	CO	OTHERS	со	OTHERS	CO	OTHERS	
1975	38	55			4	18	1	1	24	27	2	3	69	104	
1976	24	46			2	11	2	1	44	43	1	8	73	109	
1977	35	24			1	14		1	31	39		5	67	83	
1978	39	17			5	4			39	30		6	83	57	
1979	38	31	1	1	3	5	1		38	44	2	4	83	85	
1980	35	24			2	12	10		42	35	1	2	90	73	
1981	30	38			1	5	3		33	41	5		72	84	
1982	33	28	1		1	6	4	1	28	35			67	70	
1983	24	.26			4	3	-3	e.	26	28	1	1	58	58	
1984	24	37	1		4	4			26	25	3	2	58	66	
1985	21	27	2			7	3		-32	29		4	58	67	
1986	24	34				11	3		26	27	1	7	54	79	
TOTAL	365	387	5	1	27	100	30	4	389	403	16	42	832	937	
TOTALS	75	52		6	1	27	3	4	7	92	51	8	1	769	

TADIE 020





# TRACE EVIDENCE

	CORONER'S CASES *	SPECIMENS FROM OTHER SOURCES ** RE: CORONER'S CASES	SPECIMENS FROM OTHER CORONER'S CASES AUTOPSIED AT CUYAHOGA COUNTY CORONER'S OFFICE	SPECIMENS FROM OTHER SOURCES ** NOT RE: CORONER'S CASES	TOTAL
INDIVIDUAL CASES	761	(62)	(32)	16	777
SPECIMENS SUBMITTED	2088	414	(59)	312	2814
EXAMINATIONS	3266	2274	(85)	916	6456

\* The 761 Coroner's Cases requiring Trace Evidence Examinations represents 28.11% of the total Cuyahoga County Coroner's Cases for 1986.

\*\* Other Sources: Specimens from investigations submitted by Police and Sheriff's Departments or collected by Trace Evidence Personnel.

Figures in parenthesis () are included in previous column. Time away from office for court appearances: 128 hours. Actual time spent testifying at court: 21 hours and 27 minutes.

# TRACE EVIDENCE LABORATORY

TADLE 04A

				TABLE	94A
	CUYAHOGA COUNTY	OTHER	SPECIMENS FROM	SPECIMENS FROM	
EXAMINATIONS	CORONER'S	CORONER'S	<b>OTHER SOURCES</b> **	<b>OTHER SOURCES **</b>	TOTAL
					TOTAL
	CASES	CASES	RE: CORONER'S CASES	NOT RE: CORONER'S CASES	
ACID PHOSPHATASE				İ	
Specimens from bodies	104	(6)			104
Electrophoretic determinations					
Cellulose Acetate					
Specimens from bodies	72	(2)		8	80
Stains	6		15	15	36
P-30					
Stains	1				1
MICROSCOPIC EXAMINATION FOR					
SPERMATOZA					
Specimens from bodies	116	(6)		25	141
Stains			15	4	19
BLOOD DETECTION					
Presumptive Tests	7		902	330	1239
PRECIPITIN TESTS					
Species Identification	7		163	36	206
BLOOD GROUP DETERMINATIONS					
Fluid Blood (ABO)	740	(32)	20	12	772
Secretor/Non secretor	181	(1)	5	4	190
<b>ENZYME:</b> Electrophoretic determinations					
Ervthrocyte Acid Phosphatase	34		7	3	44
Esterase D	34		7	3	44
Phosphoglucomutase	39		7	8	54
Phosphoglucomutase sub-typing	12			7	19
Others	5				5
Other specimens from bodies					2
Absorption Inhibition	137		3	12	152
Absorption Elution	7	(1)	20	9	36
Phosphoglucomutase				6	6
Phosphoglucomutase sub-typing				6	6
Stains (ABO)	7		132	22	161
ENZYME Electrophoretic determinations					
Erythrocyte Acid Phosphatase	4		93	18	115
Esterase D	4		93	18	115
Phosphoglucomutase	4		95	23	122
Phosphoglucomutase sub-typing			13	5	18
Others	L		22		22

# TRACE EVIDENCE LABORATORY

TABLE 944 cont

				TADLE 94A	and
	CUYAHOGA COUNTY	OTHER	SPECIMENS FROM	SPECIMENS FROM	
EXAMINATIONS	CORONER'S	CORONER'S	<b>OTHER SOURCES **</b>	<b>OTHER SOURCES **</b>	TOTAL
	CASES	CASES	<b>RE: CORONER'S CASES</b>	NOT RE: CORONER'S CASES	
×	CINCLIN	CINDED			
CLOTHING DESCRIPTIONS					
Descriptions	93				93
Inspections	121	(4)	1	1	123
Stereomicroscopic Examinations	43	(2)	1		44
GUNFIRE RESIDUE DETECTION TESTS					
Clothing and Related Items	82		7	1	90
Targets			10	5	15
HAND EXAMINATIONS	1				
Trace Metal Detection	231	(4)	6		237
Gunshot Residue (Harrison-Gilroy Test)	227	(4)	4		231
MICROSCOPIC EXAMINATIONS					
Fingernail Scrapings	5		1	- 4	10
Gastric Contents	23	(2)		· · ·	23
Hair	144	(7)	56	14	214
Fibers	6		14	· .	20
Paint	3	(1)	1		4
Glass	9		25		34
Miscellaneous	56		60	7	123
STEREOMICROSCOPIC EXAMINATIONS					
Powder Grains	94	(1)			94
Miscellaneous	280	(10)	333	276	889
PHYSICAL MATCH	2	(1)	6		8
HISTOLOGIC STUDIES	4		5		9
IDENTIFICATION PROCEDURES	5				5
LIGATURES	24				24
ITEMS INSPECTED-no relevant findings	293	(1)	132	34	459
TOTAL	3266		2274	916	6456

HISTOLOGY

		2	TABLE 93
	CUYAHOGA COUNTY CORONER'S OFFICE	OTHER SOURCES	TOTAL
TISSUE SPECIMENS RECEIVED FROM: AUTOPSIES	1,313	43	1,356
BIOPSIES, ETC.	3		3
TOTAL	1,316	43	1,359
SECTIONS PREPARED	29,104	1,092	30,196
BLOCKS PREPARED	16,556	555	17,111
TOTAL	45,660	1,647	47,307
SLIDES PREPARED AND STAINED: ROUTINE HEMATOXYLIN – EOSIN	15,796	577	16,373
TEACHING SLIDES	133	1	134
SPECIAL STAINS FOR DEMONSTRATION OF: ACID FAST BACTERIA	6		6
AMYLOID	24		24
E.V.G.	10		10
IRON	43	医白 教育 经初	43
KING	7		7
FUNGUS	13		13
P.A.S.	8		8
FAT	4		4
TRICHROME	15	5	20
TOTAL	16,059	583	16,642

TABLE 95

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# PHOTOGRAPHY

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It is a generally accepted fact that only color photography can provide a reasonably accurate record of conditions which cannot be preserved satisfactorily by other means. Thus color photography is required to accurately record evidence at a scene of death or injury, associated evidence, wounds and recognizable features of identification on the body.

In order that expense shall not be a limiting factor in securing sufficient photographic records, the cost per unit must be as low as possible. Most of the evidence presented to the Coroner's Office is perishable and affords no opportunity for retakes or to delay photographing evidence until investigation demonstrates the need for photographic records. Therefore it is desirable to routinely photograph all evidence as soon as possible after it is received.

For many reasons it is desirable to process all films and prints within the department. This procedure maintains the uninterrupted chain of possession, keeping the links at a minimum and expedites availability of prints at any time.

IDENTIFICATION PICTURES	2,750*
PICTURES OF BODIES AND EVIDENCE	15,500
5" x 7" COLOR PRINTS PRODUCED	12,903
COLOR SLIDES ADDED TO THE FILE	1,526
BLACK AND WHITE PRINTS	405
POLAROID PRINTS	180
TYPED SLIDES	73
CHARTS AND GRAPHS	61
ILLUSTRATIONS	11
SCALE MODELS	13

\* Includes 43 Out of the County Cases.

# FORENSIC ODONTOLOGY

EXAMINATIONS	CUYAHOGA COUNTY CORONER'S CASES	OTHER CORONER'S CASES	TOTAL
Number of cases examined	31	6	37
Dental charting	27	5	32
Intra-oral x-rays	s 25 4		29
Comparison with antemortem dental records	13	3	16
Extractions for histology and age estimations	4	1	5
Bite mark analysis	1		1
Full denture analysis or edentulous	2		2
Single tooth analysis		1	1

RADIOLOGY

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 disease 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 a 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.

Three hundred and thirty-four radiographs were made in 1986.

# ANTHROPOLOGY

영화:		
NUMBER OF CASES	6	
STATURE DETERMINATIONS	4	letad t.
AGE DETERMINATIONS	3	
SEX DETERMINATIONS	4	1
X-RAY IDENTIFICATIONS 4		-
FACIAL/SKULL SUPERIMPOSITIONS	CIAL/SKULL SUPERIMPOSITIONS 1	
DETERMINATION OF CAUSE OF DEATH	H	
RACE DETERMINATIONS 4		
NON-HUMAN REMAINS 1		
CAUSE OF DEATH DETERMINED 1 (Stab Wou		Wounds)
COURT APPEARANCES	1	

## LESTER ADELSON, M.D., CHIEF DEPUTY CORONER

MARCH:	Case Western Reserve University Undergraduates, Criminal Justice Seminar, "The Operations of the Coroner's Office in the Criminal Justice Area."
	Cleveland Metropolitan General Hospital, Residents, Medical House Staff and Admitting Office Personnel, "Concerning Coroner's Cases."
	Cleveland Heights Police Academy, "General Functions of the Coroner's Office."
APRIL:	Center for Criminal Justice, Case Western Reserve University, "General Functions of the Coroner's Office."
	U.S. Coast Guard 9th District, Intelligence Unit, "General Functions of the Coroner's Office in Action." (x2)
	Darlene Louth, Probation Department, "The Coroner's Office and Violent Death."
	Cleveland Police Academy, Basic Course, "General Functions of the Coroner's Office."
МАХ:	Case Western Reserve University, Second Year Medical Students, Legal Medicine and Medical Jurisprudence, "The Physician Takes the Witness Stand."
JUNE:	Center for Criminal Justice, Case Western Reserve University, "Anatomy of Justice: The Contributions of an Autopsy."
JULY:	University Hospitals, Institute of Pathology, "Forensic Pathology."
SEPTEMBER:	Cleveland Academy of Trial Attorneys, "Death is the BeginningMedico-Legal Reflections of a Forensic Pathologist."
	Psi Delta Epsilon Fraternity, "The Coroner's Office and the Sanctity of Human Life."
OCTOBER:	Tavern Club, "Death is the Beginning."
NOVEMBER:	Center for Criminal Justice, Case Western Reserve University, Basic Police School, "Functions of the Coroner's Office."

## ELIZABETH K. BALRAJ, M.D., DEPUTY CORONER

FEBRUARY:	Science Club, Solon High School, "Science and the Law."
MAY:	Cleveland Heights High School Students, "The Cuyahoga County Coroner's Office."
JUNE:	Center for Criminal Justice, Case Western Reserve University, Homicide Seminar, "Determining Time of Death; Identification of Dead Bodies。"
OCTOBER:	Guest Speaker at the 22nd Annual Strongsville Police Benefit Association, "Cuyahoga County Coroner's Office。"
	For Case Western Reserve University at IX Trade Fair, "Cuyahoga County Coroner's Office."
NOVEMBER:	Center for Criminal Justice, Case Western Reserve University, Basic Police School.
	Cuyahoga Community College, Department of Law Enforcement, Basic Police School.
	Cleveland Heights Police Academy, Basic Police School.

## ROBERT CHALLENER, M.D., DEPUTY CORONER

JANUARY:	We-Share Paramedic Group, Lakewood Hospital, "Duties and Responsibilities of the Coroner's Office."
FEBRUARY:	EMT-A's and Emergency Department Nurses, Marymount Hospital, Ballistics for Paramedics."
	Cuyahoga County Sheriff's Deputies, "Death Investigation."
	Pathology Residents, Institute of Pathology, University Hospitals, "Identification."
MARCH:	Cleveland Heights Police Academy, Basic Police School, "Time of Death."
APRIL:	Cleveland Police Academy, Basic Police School, "Time of Death."
	U.S. Coast Guard 9th District, Intelligence Unit, "Investigation of Apparent Death by Drowning."
MAY:	Case Western Reserve University School of Medicine Phase II Legal Medicine, "Sudden and Unexpected Death Due to Natural Causes."
OCTOBER:	Cleveland Society of Radiology Technologists, "Death Investigation with Special Reference to Application of X-ray."
NOVEMBER:	Center for Criminal Justice, Case Western Reserve University, Basic Police School, "Time of Death."
	Cuyahoga Community College, Department of Law Enforcement, Basic Police School, "Time of Death."
	Cleveland Heights Police Academy, Basic Police School, "Time of Death."

## MARY E. COWAN, SENIOR MEDICAL TECHNOLOGISTS, BS DEGREE

FEBRUARY:	Cuyahoga County Sheriff's Deputies.
	St. Ignatius Science Club.
MARCH:	Case Western Reserve University Undergraduates, Criminal Justice Seminar.
	Cleveland Heights Police Academy, Basic Police School.
APRIL	Cleveland Dental Society, North Coast Spring Meeting.
	Center for Criminal Justice, Case Western Reserve University, Basic Police School. (x2)
	Cleveland Police Academy, Basic Police School.
MAY:	Case Western Reserve University Medical Students, Legal Medicine.
5-	Cleveland Central Catholic Schools, Biology Students.
	Cuyahoga Community College, Department of Law Enforcement, Basic Police School.
JUNE:	Cleveland Dental Assistants.
	Center for Criminal Justice, Case Western Reserve University, Homicide Seminar. (x2)
SEPTEMBER:	Case Western Reserve University Law Students, Medical Jurisprudence.
OCTOBER:	For Case Western Reserve University at IX Trade Fair.
NOVEMBER:	Cuyahoga Community College, Department of Law Enforcement, Basic Police School.

#### MARY E. COWAN, SENIOR MEDICAL TECHNOLOGISTS, BS DEGREE (continued)

NOVEMBER:	(continued)	Center for	Criminal	Justice,	Case	Western	Reserve	University,	Basic	Police	School.
		Cleveland	Heights ]	Police A	cadem	y, Basic	Police S	School.			

### BARBARA A. CAMPBELL, MEDICAL TECHNOLOGIST, BA DEGREE

JANUARY: Lakeland Community College, Lake County, Basic Police School.

FEBRUARY: American Academy of Forensic Science Annual Meeting, New Orleans, Louisiana.

MARCH: Mayfield Village Police Department, Trace Evidence Orientation.

APRIL: U.S. Coast Guard 9th District, Intelligence Unit.

Cleveland Police Academy, Basic Police School.

JUNE: Center for Criminal Justice, Case Western Reserve University, Homicide Seminar.

Lakeland Community College, Lake County, Basic Police School.

JULY: Lakeland Community College, Lake County, Basic Police School.

NOVEMBER: Center for Criminal Justice, Case Western Reserve University, Basic Police School.

#### LINDA M. LUKE, FORENSIC SEROLOGIST, BS DEGREE

APRIL: Center for Criminal Justice, Case Western Reserve University, Basic Police School, "Interpretation of Bloodstain Patterns."

MAY: Lake Catholic High School Students, "Serology."

Cuvahoga Community College Students, "Serology."

JUNE: Center for Criminal Justice, Case Western Reserve University, Homicide Investigation School, "Serology, Flight Characteristics of Bloodstains."

## LINDA M. LUKE, FORENSIC SEROLOGIST, BS DEGREE (continued)

UNE: (continued)	University Heapital Medical Technologists - ("Sevelage and Trace Tridence ??
JUNE: (continued)	University Hospital Medical Technologists, "Serology and Trace Evidence."
JULY:	Pharmacia, BCI, Lake City, SIV-Mansfield Crime "Phast" System.
AUGUST:	Workshop on the Phast System for Isoelectric Focusing on Routine Enzymes.
	Blood Bank Students, "Serology."
	Cleveland Metropolitan General Hospital Medical Technologists, "Serology."
SEPTEMBER:	Cleveland Metropolitan General Hospital Emergency Center, "Collection for Sexual Assault Cases."
NOVEMBER:	Cuyahoga Community College, Department of Law Enforcement, Basic Police School, "Trace Evidence in Sexual Assault and Blood Work Cases."
VISITORS	
	Hollis Babin, Denison University, Blood Work.
	Wanda Foote, Scientific Investigation Unit, Enzymes.
	School of Medical Technology, University Hospital: Martha Howard, Cindy Szakowski, Irene Nixon, Mary Beth Mansione, Lydia Pochedly.
SHARON ROSENBERG, TRACE	EVIDENCE TECHNICIAN, BS DEGREE
MARCH:	Cleveland Heights Police Academy, Basic Police School.
	Olmsted Falls High School.
APRIL:	Center for Criminal Justice, Case Western Reserve University, Basic Police School.
MAY:	Wiley Jr. High School Science Classes.

### C. OWEN LOVEJOY, PH.D. ANTHROPOLOGIST CONSULTANT

FEBRUARY: Department of Anatomy, Medical School, University of Kentucky, Lexington, Kentucky, "Evolution of the Human Hip Joint."

NOVEMBER: The Origins of Human Sexuality, California Academy of Sciences Symposium, Berkeley, California, "Sex and the Human Fossil Record."

#### ELIZABETH M. ROBINSON, D.D.S., ODONTOLOGY CONSULTANT

Academy for Forensic Science in New Orleans, "Identification of an Incinerated Edentulous Victim."

Cleveland Dental Society, "Forensic Dentistry."

Oral Pathology Students, Forensic Dentistry."

#### BRADFORD HEPLER, PH.D., ASSOCIATE TOXICOLOGIST

FEBRUARY:	Clinical Pathology Conference, University Hospitals, "Chromatography in Toxicology I."
	Basic Police Academy, Cuyahoga County Sheriff's Department, "The Role of the Toxicology Laboratory in Coroner's Investigations."
MARCH:	Cleveland State University, Analytical Toxicology Course, "Acid and Neutral Drugs."
	Cleveland State University, Analytical Toxicology Course, "Basic Drugs."
	Cleveland Heights Police Academy, "The Role of the Toxicology Laboratory in Coroner's Office Investigations."
APRIL:	Intelligence Unit U.S. Coast Guard, "The Role of the Toxicology Laboratory in Coroner's Office Investigations."
	Center for Criminal Justice, Case Western Reserve University, "The Role of the Toxicology Laboratory in Coroner's Office Investigations."
	Cleveland Police Academy, "The Role of the Toxicology Laboratory in Coroner's Office Investigations."
MAY:	Legal Medicine and Medical Jurisprudence, Case Western Reserve University Medical School, "Forensic Toxicology."

### BRADFORD HEPLER, PH.D., ASSOCIATE TOXICOLOGIST (continued)

MAY: (continued)	Pathology Seminar, University Hospitals, "The Role of Clinical Laboratory in the Investigation of Acute Poisonings."
JUNE:	Clinical Pathology Conference, University Hospitals, "Chromatography in Toxicology II."
· · · · ·	Medical Technology Students, University Hospitals, Phase B Elective Rotations: "Toxicology."
NOVEMBER:	Northeast Ohio Section, American Association for Clinical Chemistry, Annual Symposium., "Emergency Toxicology: An Integrated Analytical Approach."
DECEMBER:	Medical Technology Students, University Hospitals, Toxicology I.
	Medical Technology Students, University Hospitals, Toxicology II.
AWARD:	American Association for Clinical Chemistry: Awards Committee Chairman, and member of the Symposium . Committee.

# PUBLICATIONS BY MEMBERS AND ASSOCIATES OF THE STAFF

Adelson, L., "Handguns and Criminal Violence." GAMUT (CSU) 17:55-60, Winter, 1986.

Adelson, L., "Bullet or Bite - A Contribution to the Morphogenesis of Gunshot Durmal Injury." J. FOR. SCI. 31:1479-1486, October, 1986.

Adelson, L., "Trauma as a Life-Lengthening Agency-A Biologic Paradox." J. TRAUMA, 26:1148-1150, December, 1986.

Challener, R. and Rosenberg, S., "An Unusual Shotgun Injury Pattern Produced by an Intermediate Target." AM. J. FOR. MED. PATH. 7(3):249-251, 1986.

Cowan, M., "Trace Evidence - Tremendous Trivia; The Relativity of Significance." Chapter 21, FORENSIC SCIENCE, Geoffrey Davis, editor; Published by the American Chemical Society, 1986.

Hepler, B.R., Sutheimer, C.A. and Sunshine, I., "Role of the Toxicology Laboratory in the Treatment of Acute Poisoning." MEDICAL TOXICOLOGY, 1:61-75, 1986.

Hepler, B.R., Sutheimer, C.A. and Sunshine, I., "Role of the Toxicology Laboratory in Suspected Ingestions." PEDIATRIC CLINICS OF NORTH AMERICA, 33:245-260, 1986.

Hepler, B.R., Sutheimer, C.A. and Sunshine, I., "Toxicology Testing Debate, A Letter." CLIN. CHEM. NEWS, 12(2):4,1986.

Hiss, J. and Adelson, L., "Multivascular Atheromatous Coronary Microembolism." AM. J. FOR. MED. PATH. 7:9-16, March, 1986.

Nordlund, A.L., Simmelink, J.W., Henell, F. and Hammarstrom, L., "Ultrastructure of Fluoride-induced Cysts in the Rat Molar Enamel Organ." SCAND. J. DENT. RES., 94:327-337, 1986.

Simmelink, J.W. and Lang, A., "Ultrastructure of Altered Rat Enamel Beneath Fluoride-induced Cysts." J. ORAL PATHOL., 15:155-161, 1986.

Simmelink, J.W. and Nygaard, V.K., "Effects of Diphosphonates on Enamel Demineralization Invitro." J. DENT. RES., 65:82, 1986.

Tague, R. and Lovejoy, C.O., "The Obstetric Pelvis of A.L. 288-1 ("Lucy")." JOURNAL OF HUMAN EVOLUTION, 15:237-255, 1986.

# **ADDITION TO**

## **TOXICOLOGY LABORATORY REPORT**

## AGENTS INCLUDED IN DRUG GROUPS

Barbiturates	Amobarbital, Butabarbital, Butalbital, Pentobarbital and Secobarbital.
Benzodiazepines	Chlordiazepoxide, Diazepam, Flurazepam, N-Desalkylflurazepam, N-Desmethylchlordiazepoxide, N-Desmethyldiazepam, Demoxapam and Oxazepam.
Spot Tests	Ethchlorvynol, Acetaminophen, Salicylate, Glucose and Ketone Bodies, Imipramine and Phenothiazines.
Cocaine Metabolite	Benzoylecgonine.
Neutral Drugs	Glutethimide, Meprobamate, Methaqualone, Methyprylon, Chlorpropamide and Tolbutamide.
Opiates	Codeine, Hydrocodone, Hydromorphone, Morphine and Oxycodone.
Organic Bases	Amitriptyline, Amoxapine, Brompheniramine, Chlorpheniramine, Chlorpromazine, Cocaine, Cogentin, Cyclizine, Desipramine, Dextromethorphan, Diphenhydramine, Doxepin, Doxylamine, Disopyramide, Imipramine, Ketamine, Lidocaine, Loxapine, Meperidine, Methapyrilene, Methadone, Methadone Metabolite, Nordoxepin, Nortriptyline, Norpropoxyphene, Normeperidine, Orphenadrine, Pentazocine, Phencyclidine, Phenyltoloxamine, Pheniramine, Promethazine, Propoxyphene, Protriptyline, Pyrilamine, Propranolol, Quinine, Quinidine, Trimpramine and Tripelennamine.
Sympathomimetics	Amphetamine, Methamphetamine, Ephedrine, Phenmetrazine, Phendimetrazine, Phentermine, Mephentermine and Phenylpropanolamine.
Volatiles	Acetone, Ethyl Alcohol, Isopropanol and Methanol.

# THE 1986 CORONER'S STATISTICAL REPORT

# HAS BEEN PREPARED BY:

## STATISTICAL DATA

Anna Chang Barbara Harrell Elizabeth Tidwell

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**James Wentzel** 

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