

Coroner's Statistical Report

COUNTY OF CUYAHOGA

STATE OF OHIO

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**COUNTY OF CUYAHOGA
CORONER'S STATISTICAL REPORT**

1983

S. R. GERBER, M.D., J.D.

CORONER

2121 ADELBERT RD., CLEVELAND, OHIO 44106

1983

NUMBER OF CASES REPORTED*

/ NUMBER OF CASES ACCEPTED

JANUARY 491* / 263	FEBRUARY 451* / 241	MARCH 513* / 274	APRIL 472* / 240
MAY 427* / 233	JUNE 411* / 234	JULY 442* / 283	AUGUST 345* / 205
SEPTEMBER 432* / 204	OCTOBER 402* / 236	NOVEMBER 432* / 248	DECEMBER 460* / 296
TOTAL 5,278* / 2,957			

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



County of Cuyahoga
CORONER'S OFFICE

S.R. Gerber, M.D.
Coroner

AUGUST, 1984

Reports similar to this one have been published by this office over a period of forty-five years. The tabulation of some of the information has been kept sufficiently consistent to facilitate comparison and compilation. Thus, significant and reliable data have been made available to persons interested in intensive studies of problems related to causation and prevention of deaths that may occur under circumstances similar to those tabulated in these reports.

These reports have been disseminated with the intent of informing the citizens of Cuyahoga County about the operation of this office of county government. It is hoped that the information contained in this report will reflect the concept of the significance of the Coroner's Office as a guardian of the health, safety and welfare of the community.

We strive constantly toward the goal of a safer and healthier community. The support and cooperation of the citizens of this county in providing facilities and expressing encouragement is deeply appreciated.



FOREWORD

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 -- 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 choice.

(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.

<p>GIFT OF BODY OR PART; RIGHTS OF NEXT OF KIN TO DONATE;</p>

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 it is completed.

2108.30 Determination that death has occurred; immunity of physician.

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

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

Any person who acts in good faith in reliance on a determination of death made by a physician in accordance with this section and accepted medical standards is not liable for damages in any civil action or subject to prosecution in any criminal 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 years of age or any crippled or otherwise physically or mentally handicapped child under twenty-one years of age has suffered any wound, injury, disability, or condition of such a nature as to reasonably indicate abuse or neglect of the child, shall immediately report or cause reports to be made of such information to the children services board or the county department of welfare exercising the children services function, or a municipal or county peace officer in the county in which the child resides or in which the abuse or neglect is occurring or has occurred.

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

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

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

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

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

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

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

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

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

The county department of welfare or children services board shall investigate, within twenty-four hours, each report referred to it under this section to determine the circumstances surrounding the injury or injuries, abuse, or neglect, the cause thereof, and the person or persons responsible. The investiga-

tion 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 exer-

cising 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 by such person to be treating the deceased for a condition from which death at such time would not be unexpected, or to a law enforcement officer, ambulance service, emergency squad, or the coroner in a political 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.

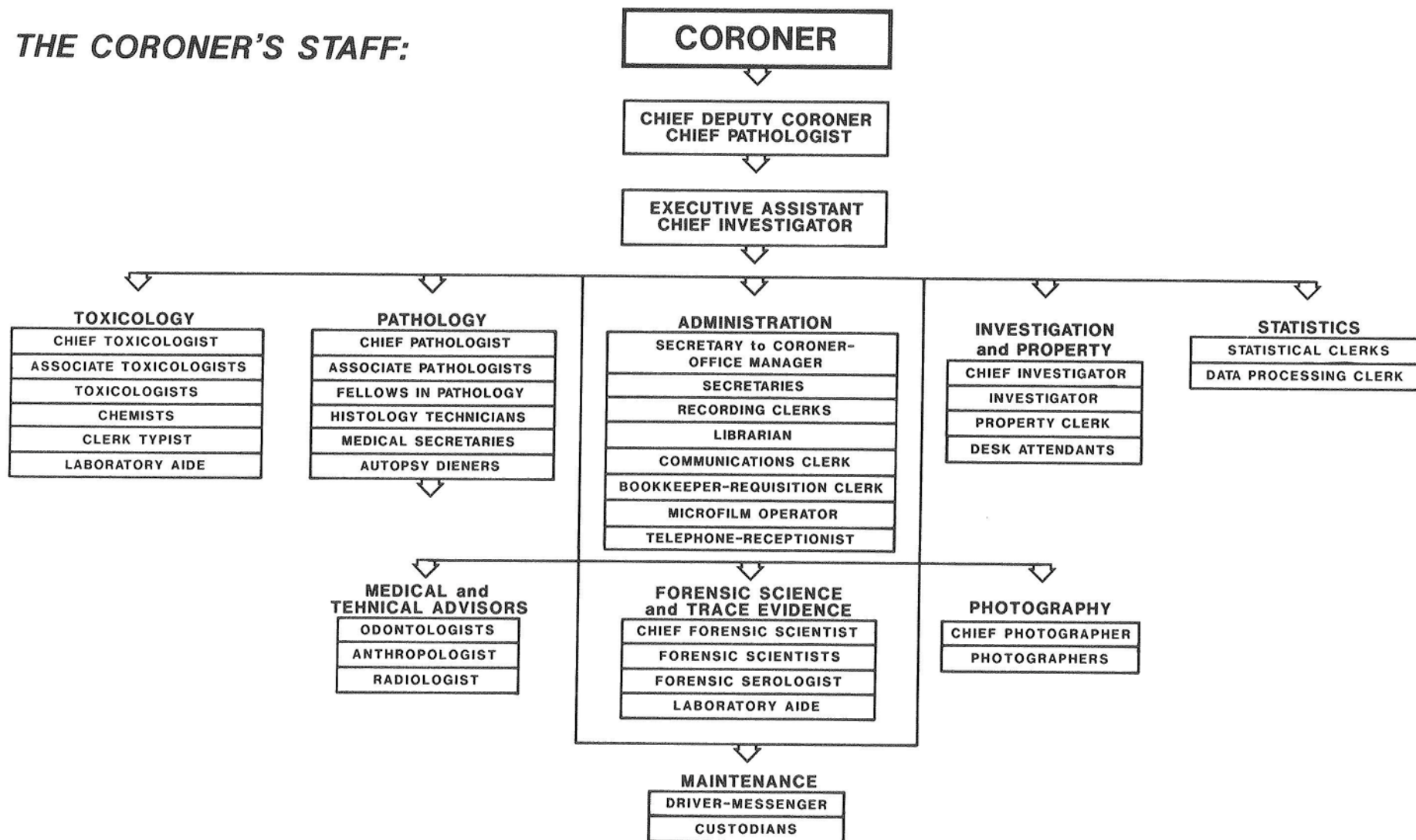
(H) Whoever violates division (C) or (D) of this section is guilty of failure to report knowledge of a death, a misdemeanor of the fourth degree.

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.

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

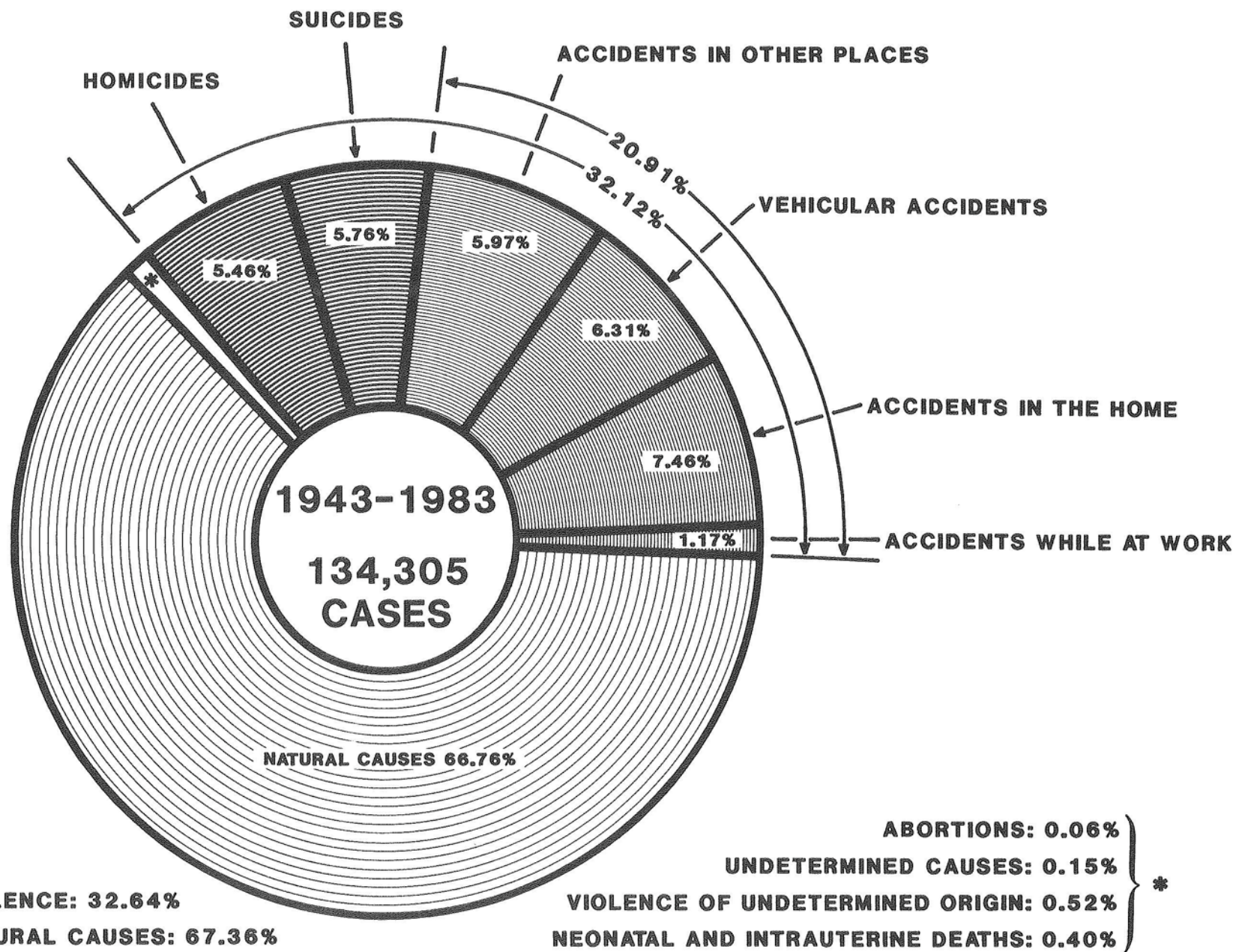
THE CORONER'S STAFF:



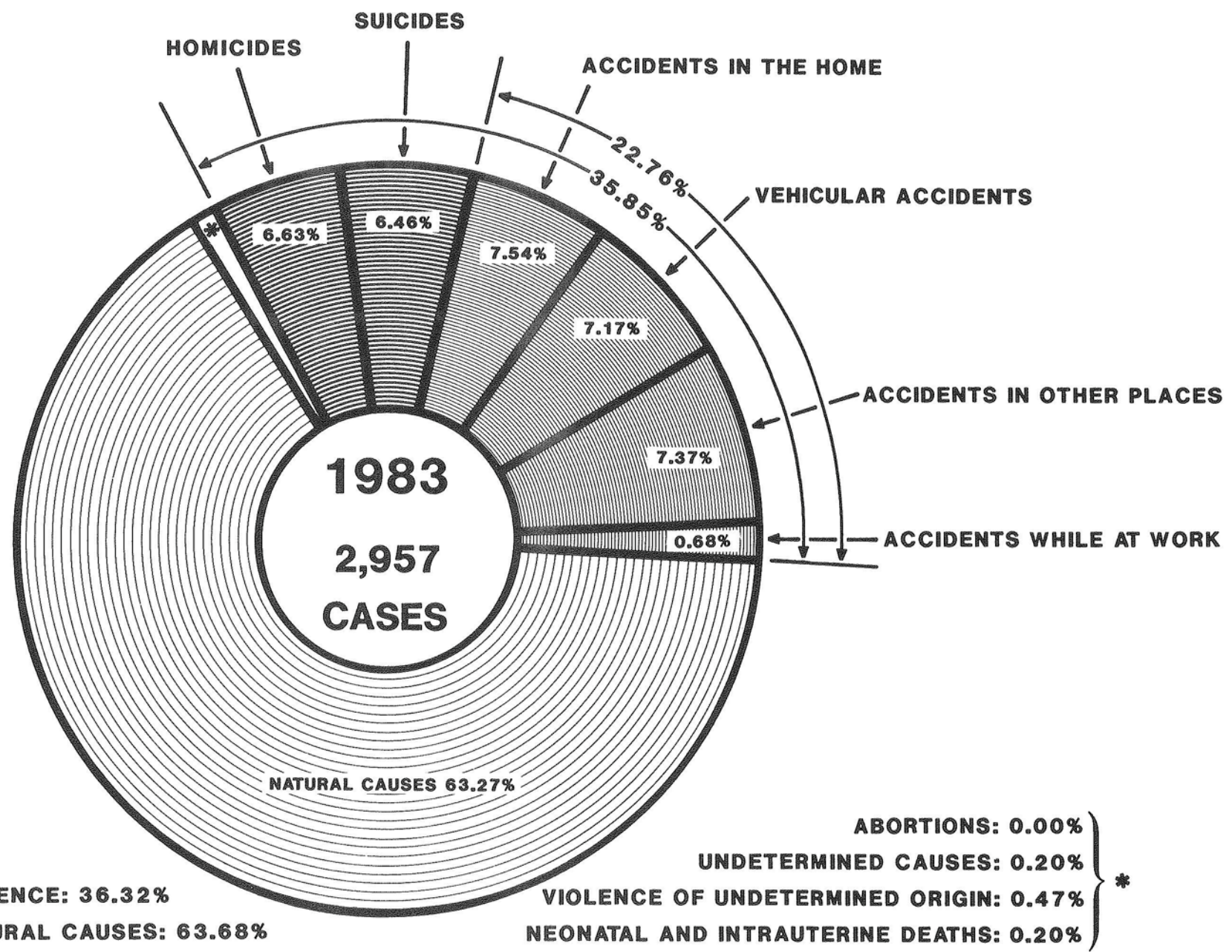
THE CORONER'S STAFF

CORONER	1		
ADMINISTRATION			
Executive Assistant-Chief Investigator.	1		
Secretary to Coroner-Office Manager.	1		
Secretaries.	2		
Recording Clerks.	7		
Librarian	1		
Communications Clerk.	1		
Bookkeeper-Requisition Clerks.	2		
Microfilm Operator	1		
Telephone Operator-Receptionist.	1		
INVESTIGATION AND PROPERTY DEPARTMENT			
Investigator-Property Clerks.	2		
Desk Attendants	8		
Custodians	2		
Driver-Messenger	1		
ODONTOLOGY			
Odontologist.	2*		
PATHOLOGY DEPARTMENT			
Chief Deputy Coroner-Chief Pathologist	1		
Associate Pathologists.	3		
Fellows in Pathology	1		
Histology Technicians	2		
Medical Secretaries	2& 1*		
Autopsy Dieners	3& 1*		
		ANTHROPOLOGY DEPARTMENT	
		Anthropologist.	1*
		PHOTOGRAPHIC DEPARTMENT	
		Chief Photographer.	1
		Photographers.	2
		RADIOLOGY	
		Radiologist.	1*
		(Technician-Autopsy Diener Included above)	
		STATISTICAL DEPARTMENT	
		Statistical Clerks	2
		Data Processing Clerk	1
		TOXICOLOGY DEPARTMENT	
		Chief Toxicologist.	1
		Associate Toxicologists	2
		Chemists	2
		Toxicologists	4
		Clerk Typist.	1
		Laboratory Aide.	1
		FORENSIC SCIENCE AND TRACE EVIDENCE	
		Chief Forensic Scientist	1
		Forensic Scientists	2
		Forensic Serologist	1
		Laboratory Aide	1
		TOTAL	64 & 6*
		* Part Time	

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



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

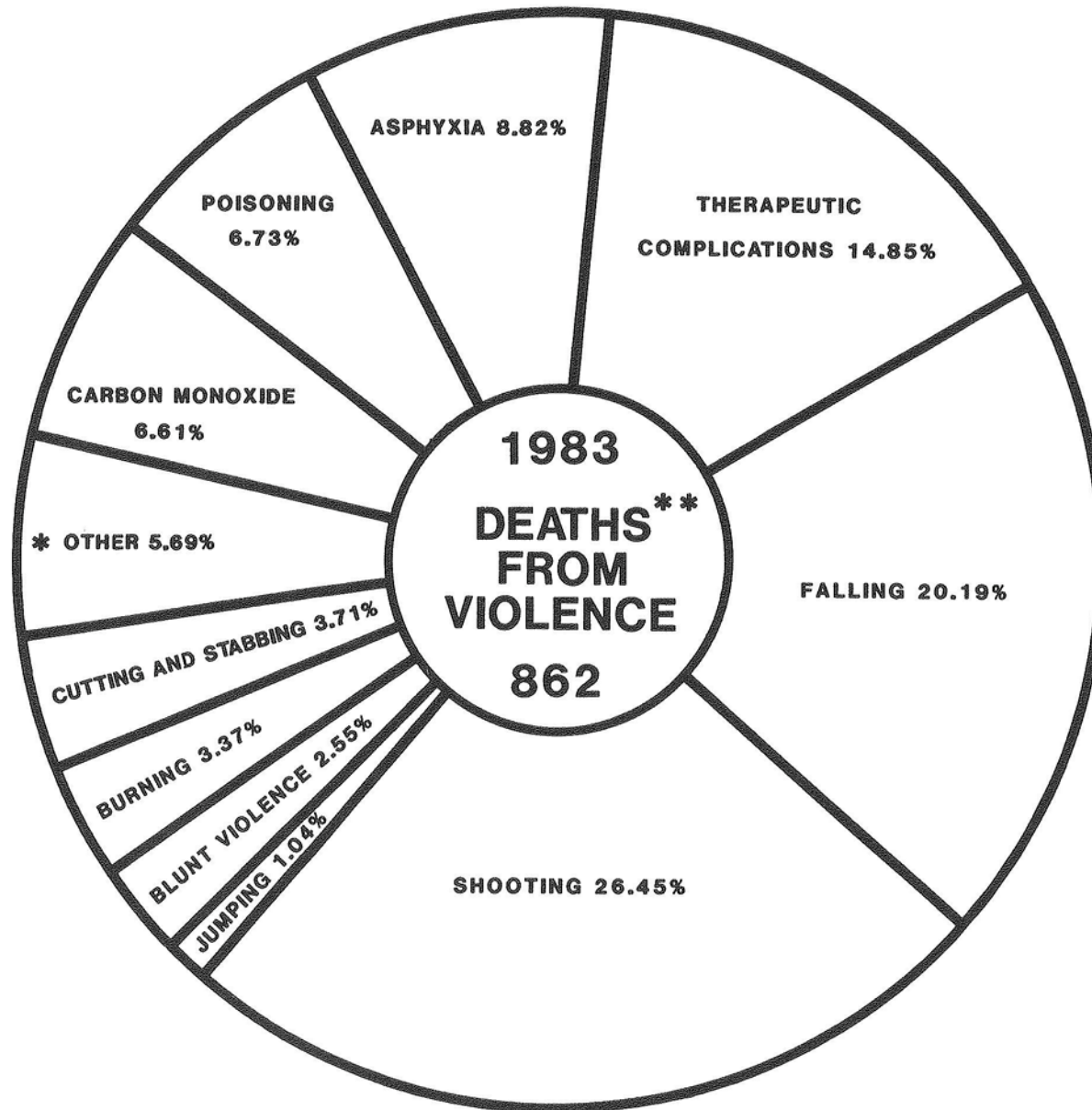


DEATHS FROM VIOLENCE: 36.32%
DEATHS FROM NATURAL CAUSES: 63.68%

ABORTIONS: 0.00%
UNDETERMINED CAUSES: 0.20%
VIOLENCE OF UNDETERMINED ORIGIN: 0.47%
NEONATAL AND INTRAUTERINE DEATHS: 0.20%

FATALITIES RESULTING FROM VIOLENCE

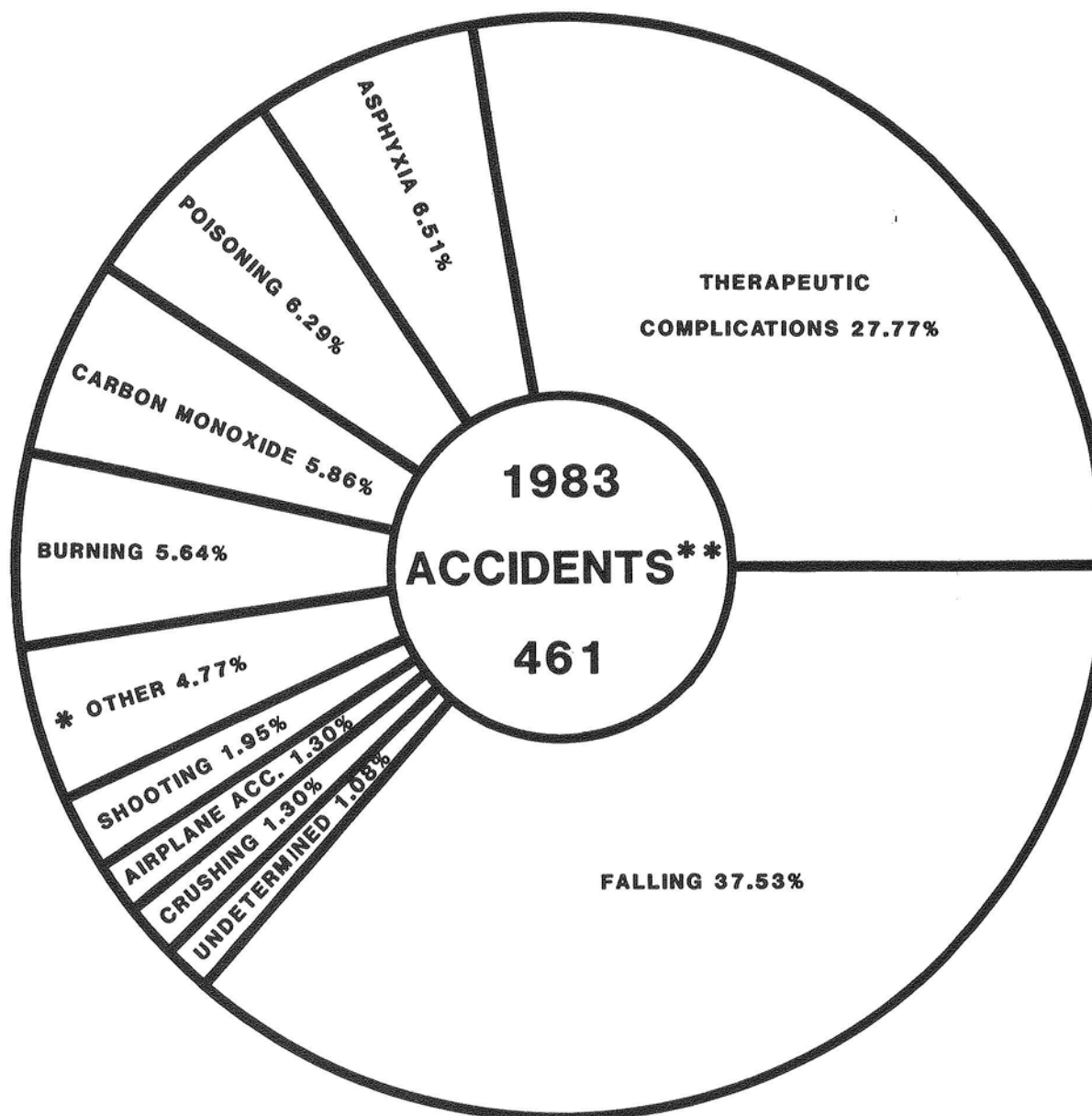
MODE OF OCCURRENCE 1983



* AIRPLANE ACCIDENT, CRUSHING, ELECTROCUTION, EXPLOSION, EXPOSURE, INJURY TO HEAD AND BODY, STRESS, STRUCK BY MOTOR VEHICLE, STRUCK BY OBJECT, UNDETERMINED MODE, TRAIN ACCIDENT AND OTHERS.

** EXCLUDING VEHICULAR ACCIDENTS.

FATALITIES RESULTING FROM ACCIDENTS MODE OF OCCURRENCE 1983

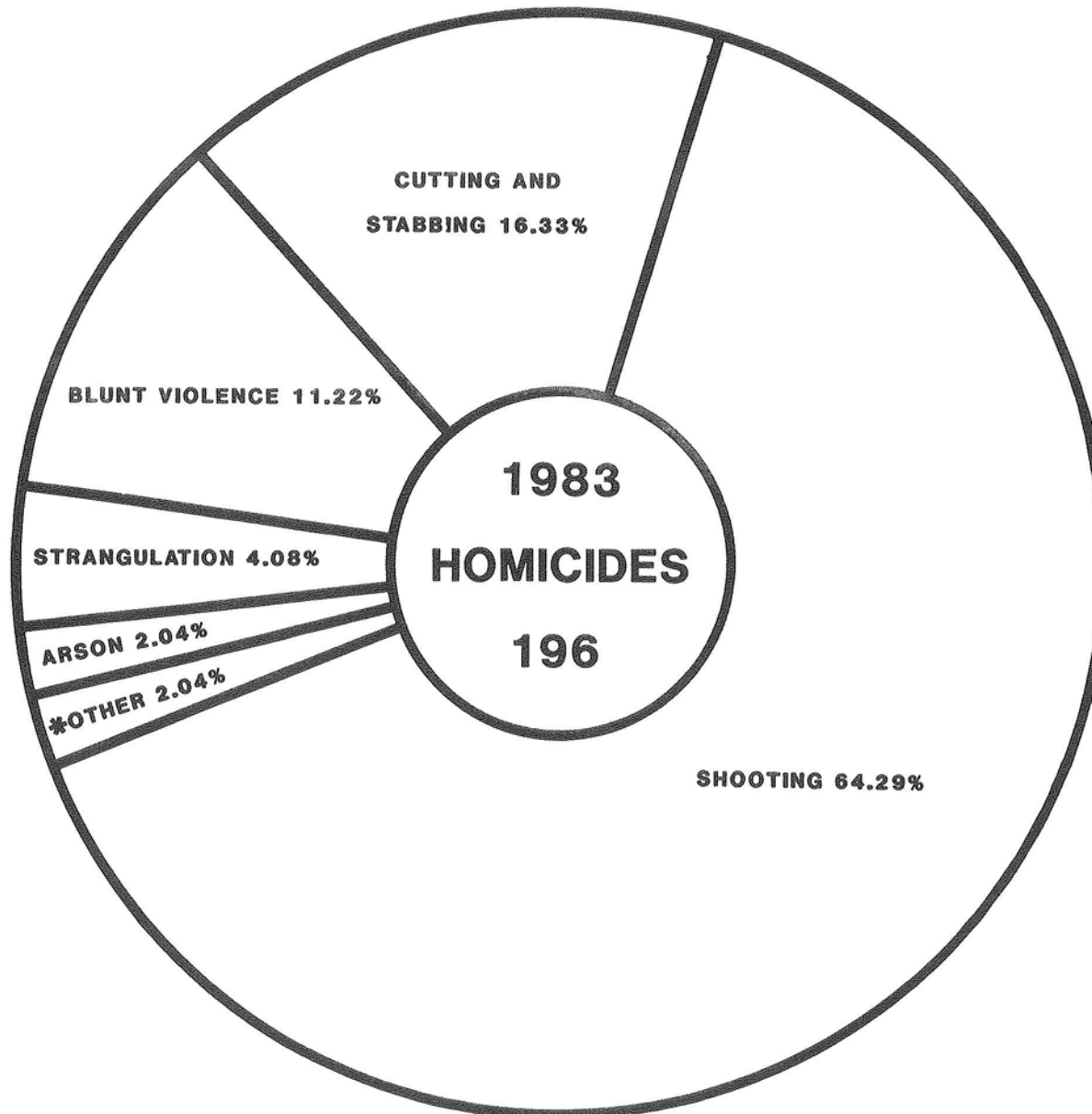


* BOWEL PERFORATION, ELECTROCUTION, EXPLOSION, EXPOSURE, DISLODGED TRACHEOSTOMY TUBE, FALL FROM HORSE, HIT HEAD ON RAIL, JUMPING, STRUCK BY OBJECT AND TRAIN ACCIDENT.

** EXCLUDING VEHICULAR ACCIDENTS.

FATALITIES RESULTING FROM HOMICIDES

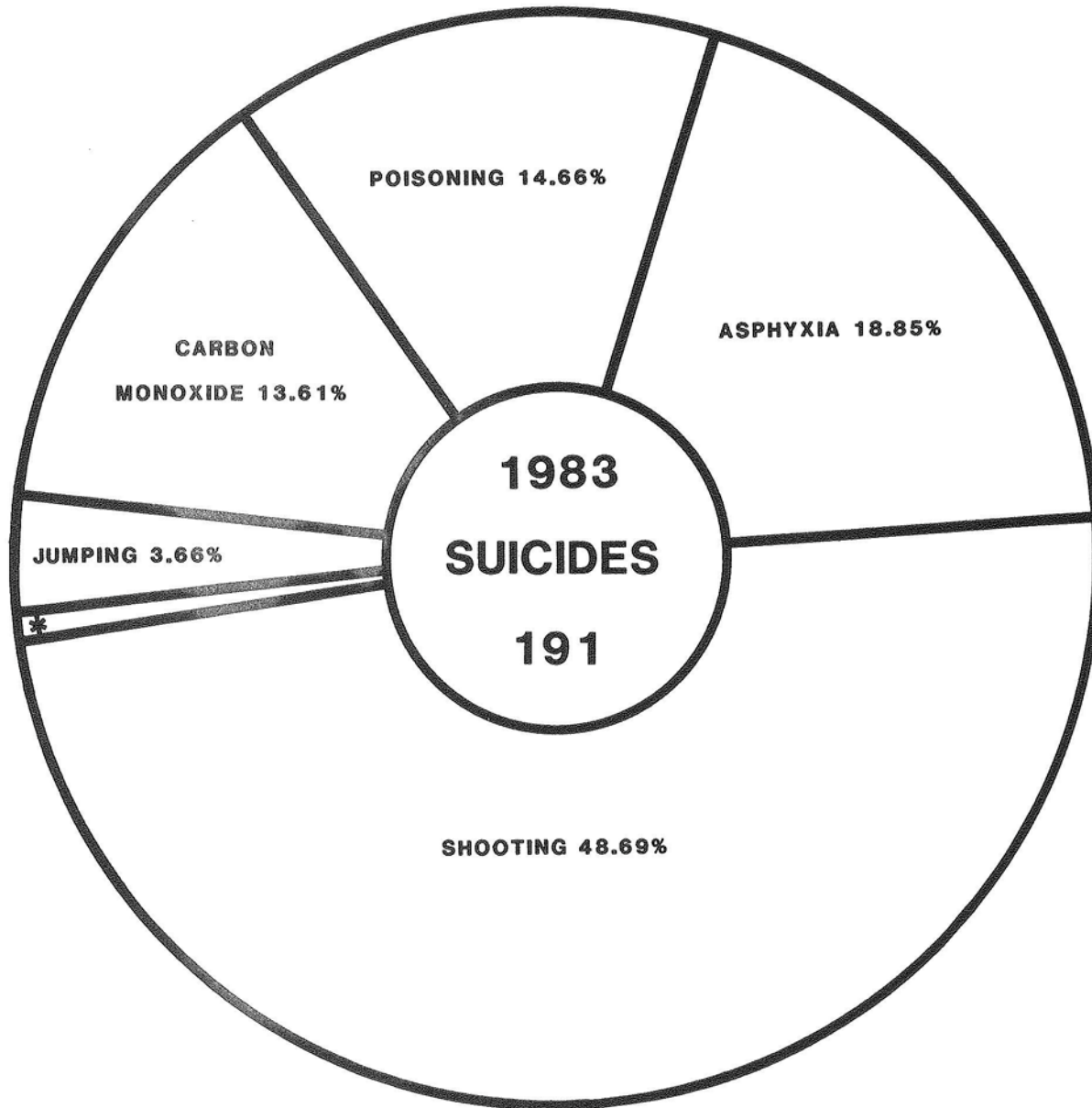
MODE OF OCCURRENCE 1983



*EXPOSURE, STRESS, STRUCK BY MOTOR VEHICLE AND UNDETERMINED MODE.

FATALITIES RESULTING FROM SUICIDES

MODE OF OCCURRENCE 1983



*BURNING 0.52%

TYPES OF FATALITIES AND MISCELLANEOUS INFORMATION

1982 AND 1983

	TABLE A	
	1982	1983
ACCIDENTS IN THE HOME	216	223
ACCIDENTS WHILE AT WORK	16	20
VEHICULAR ACCIDENTS	179	212
ACCIDENTS IN OTHER PLACES	188	218
HOMICIDES	251	196
SUICIDES	228	191
VIOLENCE OF UNDETERMINED ORIGIN	12	14
TOTAL VIOLENT DEATHS	1090	1074
NATURAL CAUSES	1741	1871
ABORTIONS	0	0
NEONATAL & INTRA-UTERINE DEATHS	7	6
UNDETERMINED CAUSES	2	6
CASES REPORTED – ADMITTED	2840	2957
CASES REPORTED – NOT ADMITTED	2487	2321
AUTOPSIES (HOSPITAL INCLUDED)	1524*	1517**
AUTOPSIES-Performed For Other Counties	53	55
UNIDENTIFIED BODIES	1	3
UNIDENTIFIED FOETUSES	1	3
IDENTIFIED AND UNCLAIMED	35	21
DEATHS IN CUYAHOGA COUNTY	15,458	15,361***
PERCENTAGE OF DEATHS ADMITTED	18%	19%

* Includes 96 Autopsies performed at hospitals

** Includes 113 Autopsies performed at hospitals

*** Provisional Resident Deaths

TYPES OF FATALITIES - SEX, RACE, AUTOPSY

TABLE B

	TOTAL	SEX		RACE		AUTOPSIED* CASES	% OF TOTAL
		MALE	FEMALE	WHITE	NON-WHITE		
ACCIDENTS IN THE HOME	223	113	110	168	55	158	5.34
ACCIDENTS WHILE AT WORK	20	20	0	16	4	20	0.68
VEHICULAR ACCIDENTS	212	146	66	165	47	210	7.10
ACCIDENTS IN OTHER PLACES	218	127	91	175	43	133	4.50
HOMICIDES	196	147	49	61	135	197	6.66
SUICIDES	191	135	56	158	33	191	6.46
VIOLENCE OF UNDETERMINED ORIGIN	14	11	3	8	6	14	0.47
NATURAL CAUSES	1871	1168	703	1303	568	583	19.72
ABORTIONS	0	0	0	0	0	0	0.00
NEONATAL & INTRA-UTERINE DEATHS	6	3	3	3	3	5	0.17
UNDETERMINED CAUSES	6	3	3	5	1	6	0.20
TOTAL	2957	1873	1084	2062	895	1517	51.30

* Includes 113 Autopsies performed at hospitals.

TYPES OF FATALITIES - 1982 and 1983

INCIDENCE COMPARED

TABLE C

	PERCENTAGE OF TOTAL CASES ADMITTED	
	1982	1983
ACCIDENTS IN THE HOME	7.61	7.54
ACCIDENTS WHILE AT WORK	0.56	0.68
VEHICULAR ACCIDENTS	6.30	7.17
ACCIDENTS IN OTHER PLACES	6.62	7.37
HOMICIDES	8.84	6.63
SUICIDES	8.03	6.46
VIOLENCE OF UNDETERMINED ORIGIN	0.42	0.47
TOTAL VIOLENT DEATHS	38.38	36.32
NATURAL CAUSES	61.30	63.27
ABORTIONS	0.00	0.00
NEONATAL & INTRA-UTERINE DEATHS	0.25	0.20
UNDETERMINED CAUSES	0.07	0.20

TYPES OF FATALITIES - ALCOHOL INCIDENCE

TABLE D

	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	223	97	43.50	30	30.93
ACCIDENTS WHILE AT WORK	20	14	70.00	0	0.00
VEHICULAR ACCIDENTS	212	153	72.17	78	50.98
ACCIDENTS IN OTHER PLACES	218	42	19.27	18	42.86
TOTAL	673	306	45.47	126	41.18
HOMICIDES	196	176	89.80	78	44.32
SUICIDES	191	183	95.81	58	31.69
VIOLENCE OF UNDETERMINED ORIGIN	14	10	71.43	4	40.00
TOTAL	1074	675	62.85	266	39.41
NATURAL CAUSES	1871	1552	82.95	157	10.12
ABORTIONS	0	0	0.00	0	0.00
UNDETERMINED CAUSES	6	6	100.00	1	16.67

VEHICULAR FATALITIES

DAILY ALCOHOL INCIDENCE

TABLE E

DAY	MOTORCYCLIST (1) NUMBER OF CASES		DRIVER (2) NUMBER OF CASES		PASSENGER (3) NUMBER OF CASES		PEDESTRIAN (4) NUMBER OF CASES		TOTAL NUMBER OF CASES	
	TESTED	POSITIVE	TESTED	POSITIVE	TESTED	POSITIVE	TESTED	POSITIVE	TESTED	POSITIVE
SUNDAY	2	1	6	4	10	5	8	4	26	14
MONDAY			11	6	6	3	6	2	23	11
TUESDAY	2	1	7	1			4	1	13	3
WEDNESDAY	2	1	11	3	1	1	5		19	5
THURSDAY	2	1	10	6	6	5	2	1	20	13
FRIDAY	5	3	11	7	2	2	6	2	24	14
SATURDAY	3	3	10	7	7	5	4	3	24	18
TOTAL	16	10	66	34	32	21	35	13	149	78

(1) SEE TABLE 59 - A

(2) SEE TABLE 58 AND 59

(3) SEE TABLE 60

(4) SEE TABLE 61

SUMMARY CHART

DISTRIBUTION OF SELECTED CORONER'S CASES IN EACH MUNICIPALITY

COUNTY OF CUYAHOGA

TABLE F

CITIES	TOTAL INSIDE CASES		NATURAL CAUSES		HOME, WORK AND OTHER ACCIDENTS		VEHICULAR ACCIDENTS		HOMICIDE		SUICIDE	
	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	1725	58.34	1063	61.62	296	17.16	92	5.33	168	9.74	86	4.99
Bay Village	6	0.20	2	33.33	3	50.00			1	16.67		
Beachwood	9	0.30	4	44.44	4	44.44	1	11.11				
Bedford	29	0.98	25	86.21	2	6.90					2	6.90
Bedford Heights	8	0.27	4	50.00	2	25.00			1	12.50	1	12.50
Berea	11	0.37	6	54.55	2	18.18	1	9.09			2	18.18
Brecksville	9	0.30	3	33.33	2	22.22	1	11.11	1	11.11	2	22.22
Broadview Heights	4	0.14	2	50.00	1	25.00	1	25.00				
Brooklyn	11	0.37	4	36.36	2	18.18	2	18.18	1	9.09	2	18.18
Brook Park	8	0.27	4	50.00							3	37.50
Cleveland Heights	50	1.69	28	56.00	11	22.00	4	8.00	2	4.00	5	10.00
East Cleveland	133	4.50	109	81.95	7	5.26	5	3.76	8	6.02	4	3.01
Euclid	119	4.02	89	74.79	11	9.24	8	6.72	1	0.84	10	8.40
Fairview Park	16	0.54	6	37.50	5	31.25	1	6.25			4	25.00
Garfield Heights	81	2.74	68	83.95	8	9.88	1	1.23	1	1.23	3	3.70
Highland Heights	4	0.14	3	75.00			1	25.00				
Independence	5	0.17	2	40.00			2	40.00			1	20.00
Lakewood	82	2.77	54	65.85	19	23.17	5	6.10			4	4.88
Lyndhurst	9	0.30	3	33.33					1	1.11	5	55.56
Maple Heights	18	0.61	10	55.56	5	27.78					3	16.67
Mayfield Heights	68	2.30	57	83.82	5	7.35	3	4.41			3	4.41
Middleburg Heights	60	2.03	57	95.00	1	1.67	2	3.33				
North Olmsted	23	0.78	12	52.17	6	26.09	1	4.35			4	17.39
North Royalton	18	0.61	6	33.33	3	16.67	6	33.33	2	11.11	1	5.57
Olmsted Falls	2	0.07	2	100.00								
Parma	109	3.69	79	72.48	10	9.17	7	6.42	2	1.83	10	9.17
Parma Heights	16	0.54	9	56.25	3	18.75	2	12.50	1	6.25	1	6.25
Pepper Pike	1	0.03									1	100.00
Richmond Heights	29	0.98	22	75.86	1	3.45			2	6.90	3	10.34
Rocky River	11	0.37	6	54.54			2	18.18			3	27.27
Seven Hills	2	0.07			1	50.00					1	50.00
Shaker Heights	24	0.81	14	58.33	5	20.83	2	8.33	2	8.33		
Solon	7	0.24	5	71.43			2	28.57				
South Euclid	19	0.64	8	42.11	8	42.11	1	5.26			2	10.53
Strongsville	16	0.54	5	31.25	1	6.25	3	18.75			7	43.75
University Heights	13	0.44	11	84.62	2	15.38						
Warrensville Heights	55	1.86	50	90.91	1	1.82	2	3.64			2	3.64
Westlake	28	0.95	22	78.57	3	10.71	1	3.57			2	7.14

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

SUMMARY CHART

DISTRIBUTION OF SELECTED CORONER'S CASES IN EACH MUNICIPALITY

COUNTY OF CUYAHOGA

TABLE F cont.

VILLAGES AND TOWNSHIPS	TOTAL INSIDE CASES		NATURAL CAUSES		HOME, WORK AND OTHER ACCIDENTS		VEHICULAR ACCIDENTS		HOMICIDE		SUICIDE	
	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
Bentleyville	0											
Bratenahl	1	0.03									1	100.00
Brooklyn Heights	5	0.17			3	60.00	2	40.00				
Chagrin Falls	3	0.10	2	66.67							1	33.33
Cuyahoga Heights	2	0.07					1	50.00				
Gates Mills	1	0.03					1	100.00				
Glenwillow	0											
Hunting Valley	2	0.07					2	100.00				
Linndale	0											
Mayfield	5	0.17	1	20.00			2	40.00			2	40.00
Moreland Hills	4	0.14	2	50.00			2	50.00				
Newburgh Heights	7	0.24	4	57.14	2	28.57					1	14.29
North Randall	2	0.07	1	50.00	1	50.00						
Oakwood	2	0.07	2	100.00								
Orange	1	0.03	1	100.00								
Valley View	1	0.03					1	100.00				
Walton Hills	0											
Woodmere	0											
TOWNSHIPS:												
Chagrin Falls	0											
Olmsted	5	0.17	1	20.00	1	20.00	3	60.00				
Riveredge	1	0.03	1	100.00								
Warrensville	7	0.24	2	28.57	2	28.57	2	28.57			1	14.29
Turnpike in County	2	0.07					2	100.00				

DEATHS IN COUNTY, DEATHS REPORTED TO CORONER

CASES RECEIVED 1943-1983

COUNTY POPULATION 1940: 1,217,250

TABLE G

DEATHS IN COUNTY	TOTAL DEATHS REPORTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY	CASES ADMITTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY
1943: 13,931	2,739	19.7%	1,434	10.3%
1944: 13,234	2,544	19.2%	1,420	10.7%
1945: 13,104	2,624	20.0%	1,478	11.3%
1946: 13,049	2,890	22.0%	1,588	12.0%
1947: 13,946	3,120	22.4%	1,904	13.6%
1948: 13,695	3,203	23.4%	1,924	14.0%
1949: 13,837	3,849	25.2%	2,012	14.4%

COUNTY POPULATION 1950: 1,389,532

1950: 13,769	3,431	24.9%	2,218	16.8%
1951: 14,156	3,496	24.7%	2,213	14.7%
1952: 14,727	3,477	23.6%	2,183	14.8%
1953: 14,896	3,646	24.5%	2,392	16.0%
1954: 14,607	3,851	26.3%	2,767	18.9%
1955: 14,751	4,085	27.8%	2,945	20.0%
1956: 15,389	4,651	30.2%	3,259	21.1%
1957: 16,063	4,634	28.8%	3,274	20.3%
1958: 15,919	4,963	31.2%	3,602	22.6%
1959: 16,088	4,328	26.9%	3,626	22.5%

DEATHS IN COUNTY, DEATHS REPORTED TO CORONER

CASES RECEIVED 1943-1983

COUNTY POPULATION 1960: 1,647,895

TABLE G cont.

DEATHS IN COUNTY	TOTAL DEATHS REPORTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY	CASES ADMITTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY
1960: 16,425	5,159	31.4%	3,513	21.4%
1961: 16,144	5,019	31.1%	3,622	22.7%
1962: 16,701	5,231	31.3%	3,883	23.3%
1963: 17,142	5,385	31.4%	4,083	23.8%
1964: 16,915	5,490	32.5%	4,037	23.9%
1965: 17,062	5,227	30.6%	4,012	23.5%
1966: 17,415	5,303	30.5%	4,136	23.7%
1967: 17,300	5,518	31.9%	4,141	23.9%
1968: 18,087	5,997	33.2%	4,455	24.6%
1969: 17,287	5,415	31.3%	4,436	25.7%

COUNTY POPULATION 1970: 1,721,300

1970: 17,305	5,125	29.6%	4,314	24.9%
1971: 16,834	5,183	30.8%	4,246	25.2%
1972: 17,267	5,602	32.4%	4,384	25.4%
1973: 17,234	4,908	28.5%	4,321	25.1%
1974: 16,948	5,118	30.2%	4,228	25.0%
1975: 16,013	4,795	29.9%	4,005	25.0%
1976: 16,252	4,630	28.5%	4,085	25.1%
1977: 16,124	4,831	30.0%	4,185	25.9%
1978: 16,562	4,472	27.0%	3,669	22.1%
1979: 16,359	4,847	29.6%	3,782	23.1%

COUNTY POPULATION 1980: 1,498,295

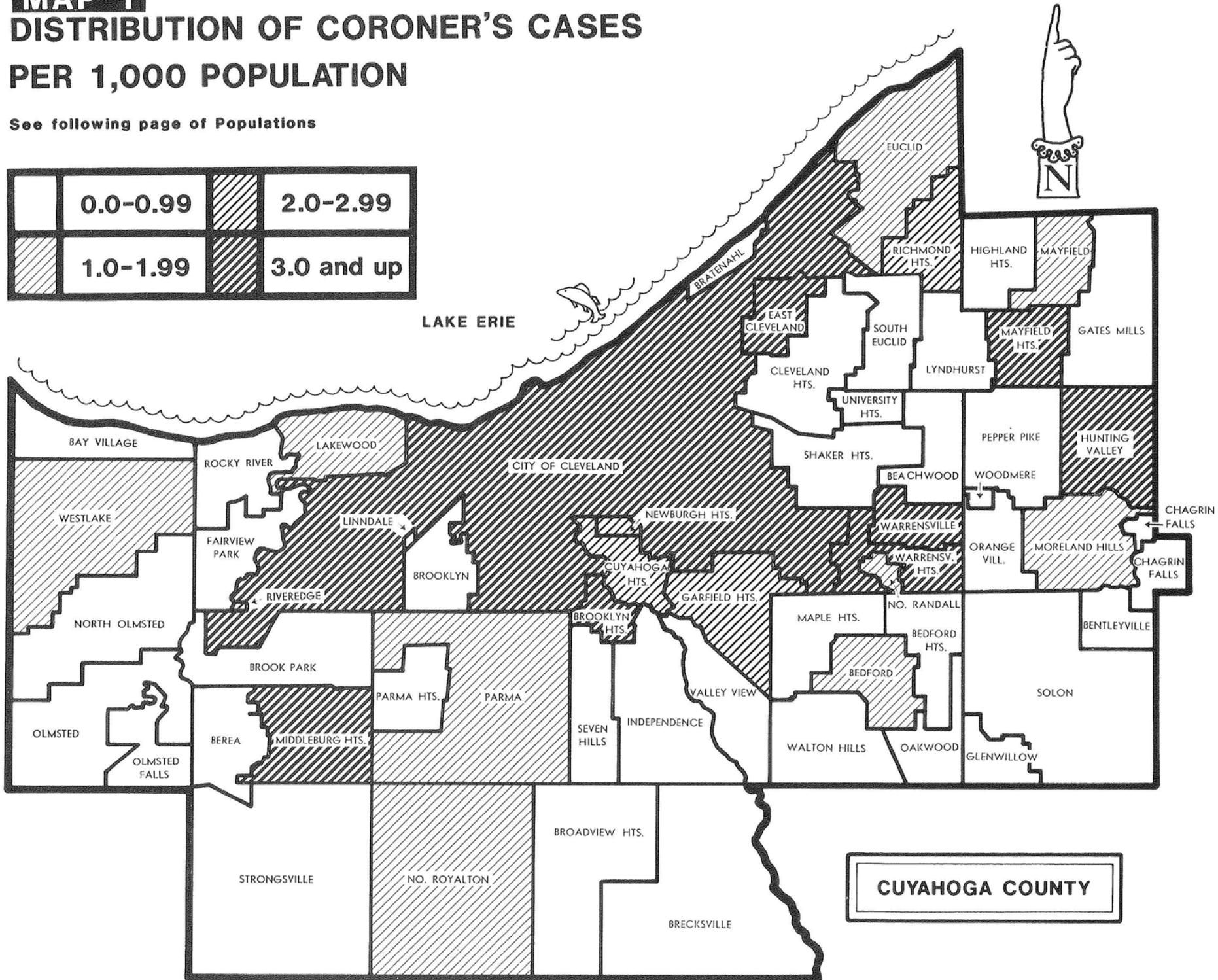
1980: 16,209	5,655	34.9%	3,540	21.8%
1981: 15,737	4,977	31.6%	3,147	20.0%
1982: 15,458	5,327	34.5%	2,840	18.4%
1983: 15,361*	5,278	34.4%	2,957	19.3%

* Provisional resident deaths

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

See following page of Populations

	0.0-0.99		2.0-2.99
	1.0-1.99		3.0 and up



1983

POPULATION OF CUYAHOGA COUNTY BY CITIES, VILLAGES AND TOWNSHIPS

(1980 Census)

CITIES

CLEVELAND	573,822
Bay Village	17,846
Beachwood	9,983
Bedford	15,056
Bedford Heights	13,214
Berea	19,567
Brecksville	10,132
Broadview Heights	10,920
Brooklyn	12,342
Brook Park	26,195
Cleveland Heights	56,438
East Cleveland	36,957
Euclid	59,999
Fairview Park	19,311
Garfield Heights	33,380
Highland Heights	5,739
Independence	8,165
Lakewood	61,963
Lyndhurst	18,092
Maple Heights	29,735
Mayfield Heights	21,550

CITIES

Middleburg Heights	16,218
North Olmsted	36,486
North Royalton	17,671
Olmsted Falls	5,868
Parma	92,548
Parma Heights	23,112
Pepper Pike	6,177
Richmond Heights	10,095
Rocky River	21,084
Seven Hills	13,650
Shaker Heights	32,487
Solon	14,341
South Euclid	25,713
Strongsville	28,577
University Heights	15,401
Warrensville Heights	16,585
Westlake	19,483

VILLAGES

Bentleyville	381
Bratenahl	1,485
Brooklyn Heights	1,653

Chagrin Falls	4,335
Cuyahoga Heights	739
Gates Mills	2,236
Glenwillow	492
Hunting Valley	633
Linndale	129
Mayfield	3,577
Moreland Hills	3,082
Newburgh Heights	2,678
North Randall	1,054
Oakwood	3,786
Orange	2,376
Valley View	1,576
Walton Hills	2,199
Woodmere	772

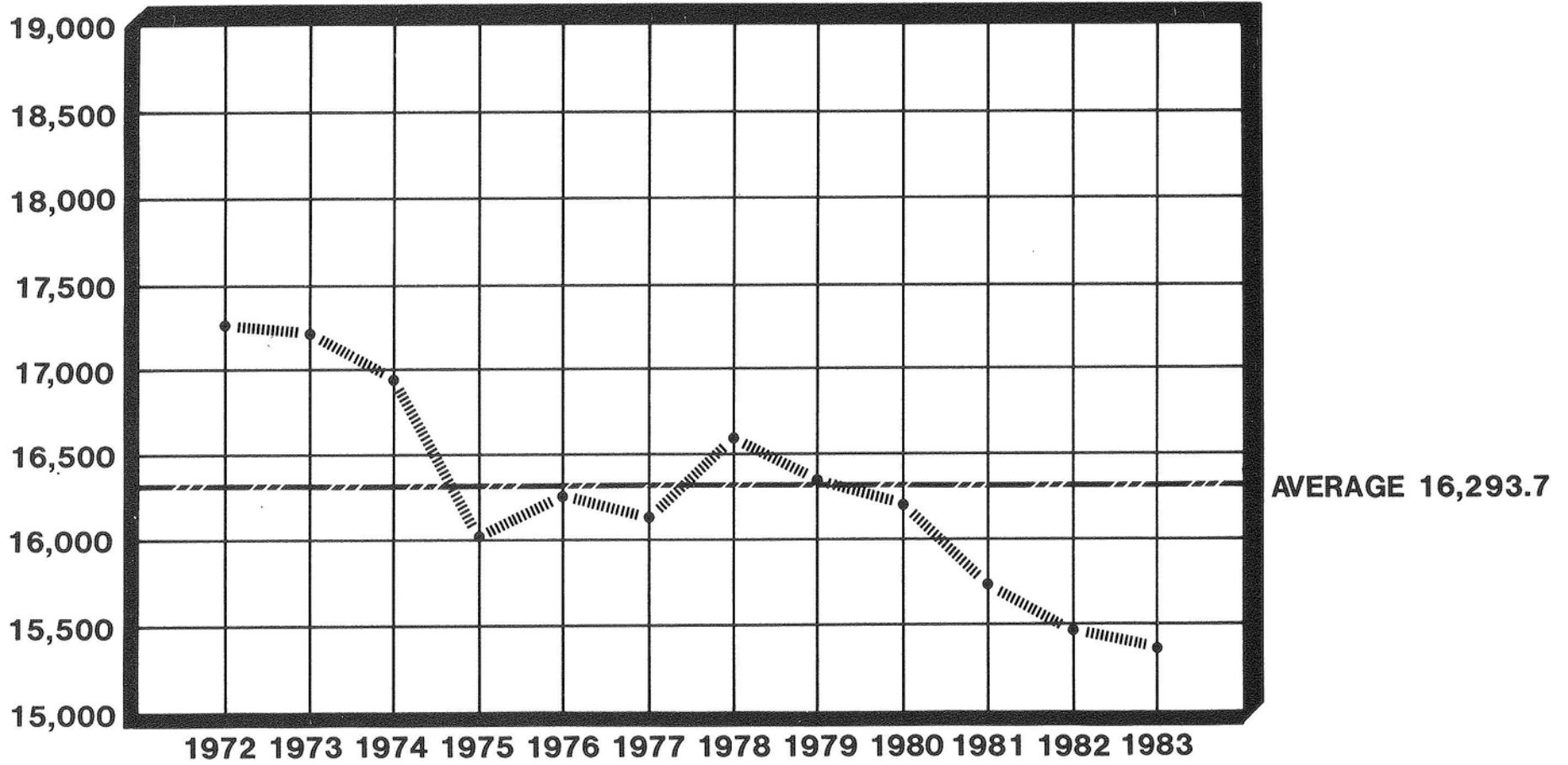
TOWNSHIPS

Chagrin Falls	136
Olmsted	6,976
Riveredge	477
Warrensville	1,640

POPULATION OF CUYAHOGA COUNTY

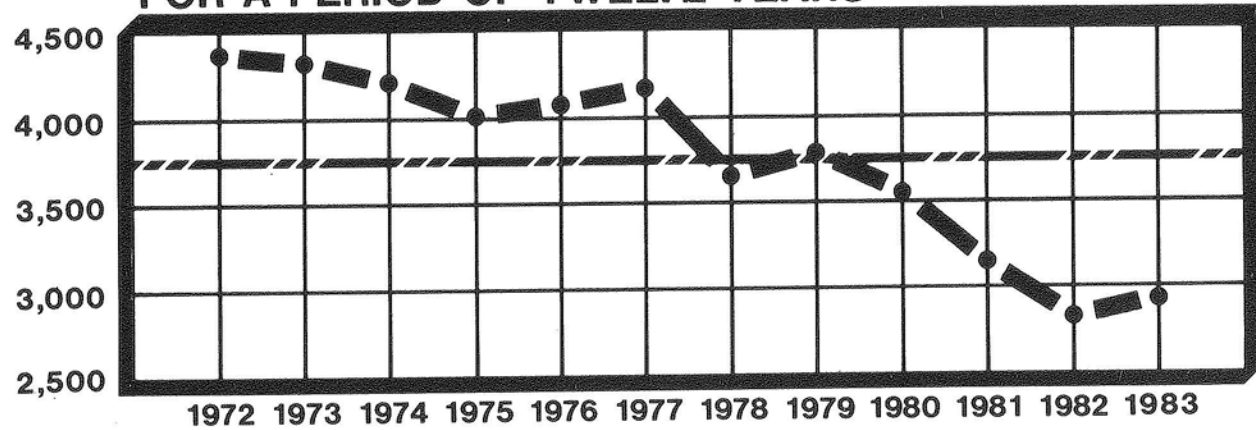
1,498,295

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



SUMMARY OF CORONER'S CASES

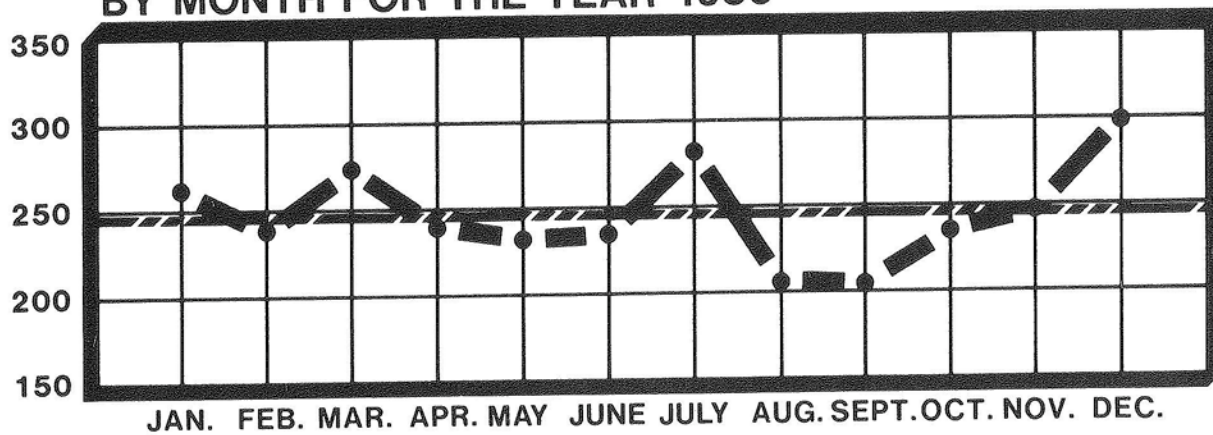
FOR A PERIOD OF TWELVE YEARS



3,761.9 AVERAGE

1972 - 1983
TOTAL CASES
45,143

BY MONTH FOR THE YEAR 1983



246.4 AVERAGE

1983
TOTAL CASES
2957

SUMMARY OF ALL FATALITIES BY TYPE, LOCATION WITH MISCELLANEOUS DATA

TABLE 1

TYPE OF FATALITY	COUNTY			OUT OF COUNTY	TOTAL	MISCELLANEOUS	TOTAL
	CLEVELAND	OTHER CITIES	REST OF COUNTY				
ACCIDENTS IN THE HOME	121	83	4	15	223	CASES REPORTED – NOT ADMITTED	2321
ACCIDENTS WHILE AT WORK	12	5	0	3	20	AUTOPSIES**	1517
VEHICULAR ACCIDENTS*	92	67	18	35	212	AUTOPSIES (performed for other counties)	55
ACCIDENTS IN OTHER PLACES	163	46	5	4	218	UNIDENTIFIED BODIES	3
HOMICIDES	168	26	0	2	196	UNIDENTIFIED FOETUSES	3
SUICIDES	86	91	6	8	191	IDENTIFIED AND UNCLAIMED BODIES	21
VIOLENCE OF UNDETERMINED ORIGIN	11	2	0	1	14	DEATHS IN CUYAHOGA COUNTY ***	15,361
TOTAL VIOLENT DEATHS	653	320	33	68	1074		
NATURAL CAUSES	1063	791	17	0	1871		
NEONATAL & INTRA-UTERINE DEATH	5	0	1	0	6		
ABORTIONS	0	0	0	0	0		
UNDETERMINED CAUSES	4	2	0	0	6		
TOTAL CASES REPORTED AND ADMITTED	1725	1113	51	68	2957		

* Vehicular Accidents, Summary Tables 1,2,4,6, and 8 are tabulated by date of death reflecting fatalities received in 1983.

** Includes 113 autopsies performed at hospitals.

Rest of County includes Turnpikes, Villages and Townships.

*** Provisional Resident Deaths.

TOTAL CASES BY MONTH AND TYPE OF FATALITY

TABLE 2

TYPE OF FATALITY	JAN.		FEB.		MAR.		APRIL		MAY		JUNE		JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
ACCIDENTS IN THE HOME	16	12	13	12	11	13	10	7	5	11	3	3	8	9	10	3	7	5	10	13	8	8	12	14	113	110	223
ACCIDENTS WHILE AT WORK					1		2		3		2		4		2		2		1		1		2		20		20
VEHICULAR ACCIDENTS	11	4	7	2	4	4	7	7	8	7	20	8	21	5	18	5	14	7	12	2	12	5	12	10	146	66	212
ACCIDENTS IN OTHER PLACES	10	5	20	10	14	6	11	12	8	6	7	10	12	11	12	6	9	2	11	8	7	6	6	9	127	91	218
HOMICIDE	13	4	14	5	14	5	6	4	14	5	11	1	16	4	7	4	7	3	12	4	14	3	19	7	147	49	196
SUICIDE	13	4	6	6	15	5	11	3	16	3	13	3	14	5	16	4	8	1	7	8	6	6	10	8	135	56	191
VIOLENCE OF UNDETERMINED ORIGIN			1		1		2		1		1	1	2				1	1	1				1	1	11	3	14
NATURAL CAUSES	91	80	91	53	111	69	105	52	90	55	99	51	111	60	83	34	76	60	89	56	114	57	108	76	1168	703	1871
ABORTIONS																											0
NEONATAL & INTRA-UTERINE DEATHS					1	1			1								1		1				1		3	3	6
UNDETERMINED CAUSES			1								1		1	1					1			1			3	3	6
GRAND TOTAL	154	109	153	88	171	103	155	85	145	88	156	78	188	95	149	56	125	79	144	92	162	86	171	125	1873	1084	2957

AUTOPSIES BY MONTH AND TYPE OF FATALITY

TABLE 3

TYPE OF FATALITY	JAN.		FEB.		MAR.		APRIL		MAY		JUNE		JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
ACCIDENTS IN THE HOME	10	5	9	6	7	5	10	4	4	6	3	3	6	5	8	3	6	2	7	9	5	4	8	7	83	59	142
ACCIDENTS WHILE AT WORK					1		2		3		2		3		2		2		1		1		2		19		19
VEHICULAR ACCIDENTS	10	4	7	2	4	4	7	7	8	7	20	7	19	5	18	5	15	7	12	2	12	5	12	10	144	65	209
ACCIDENTS IN OTHER PLACES	3	4	6		4	1	4	1	2	1	1	3	7	6	4	1	4		4	1	3	1	3		45	19	64
HOMICIDE	13	5	14	5	14	5	6	4	14	5	11	1	16	4	7	3	7	4	11	4	15	3	19	7	147	50	197
SUICIDE	13	4	7	5	15	6	11	3	16	3	11	3	15	5	16	4	8	1	7	8	6	6	10	8	135	56	191
VIOLENCE OF UNDETERMINED ORIGIN			1		1		2		1		1	1	2				1	1					1	1	10	3	13
NATURAL CAUSES	31	20	30	15	40	26	35	16	24	7	32	6	34	9	27	6	28	21	25	18	33	12	45	19	384	175	559
ABORTIONS																											0
NEONATAL & INTRA-UTERINE DEATHS							1		1								1		1						2	2	4
UNDETERMINED CAUSES			1								1		1	1					1			1			3	3	6
GRAND TOTAL	80	42	75	33	86	47	78	35	72	30	81	25	102	35	83	22	72	36	68	43	75	32	100	52	972	432	1404

TOTAL CASES BY AGE GROUPS AND TYPE OF FATALITY

TABLE 4

TYPE OF FATALITY	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
	ACCIDENTS:																																										
IN THE HOME	2	1	8	7		1	2	1	5		4	2	7	1	8	2	7	1	3	6	6	4	6	3	7	4	1	3	11	5	7	9	9	18	20	42	113	110	223				
WHILE AT WORK											4		3		1		1		2		2		2		3		1				1							20		20			
VEHICULAR			9	2	2		1	1	18	11	30	10	20	9	12	3	9	2	7	3	6	1	5	3	9	4	5	1	1	3	1	1	6	6	5	6	146	66	212				
IN OTHER PLACES	7	4	1	1	1	1	2	2	4	1	7	3	4	3	3	3	7	1	4	2	5	3	10	1	15	11	17	11	13	9	4	3	9	7	14	25	127	91	218				
HOMICIDE	1	1	2	4	2		2	1	10	4	24	7	30	4	19	7	10	4	9	2	10	2	6	1	7	2	3	1	4	2	5	4	2	2	1	1	147	49	196				
SUICIDE								7	6	17	3	17	3	19	6	12	3	7	4	7	3	8	9	9	3	7	4	8	2	5	3	7	3	5	4	135	56	191					
VIOLENCE OF UNDETERMINED ORIGIN	1	1						1					2			2				1				1		3		2								11	3	14					
NATURAL CAUSES	23	19	2	5	2		1	3	2	2	4	7	13	20	10	20	8	51	10	69	17	91	33	158	46	175	85	156	92	132	95	115	83	142	180	1168	703	1871					
ABORTIONS																																											
NEONATAL & INTRA-UTERINE DEATHS	3	3																																							3	3	6
UNDETERMINED CAUSES																																											
GRAND TOTAL	37	29	22	19	7	2	7	7	48	24	88	30	89	35	82	31	68	19	83	27	106	30	129	50	209	70	212	106	195	113	156	115	148	119	187	258	1873	1084	2957				

AUTOPSIES BY AGE GROUPS AND TYPE OF FATALITY

TABLE 5

TYPE OF FATALITY	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F							
	ACCIDENTS:																																										
IN THE HOME	2	1	8	5		1	1	1	5		3	2	7	1	7	2	6		2	5	5	4	6	3	7	3	1		7	4	6	4	4	12	6	11	83	59	142				
WHILE AT WORK										4		3		1		1		2		2		2		2		1				1							19		19				
VEHICULAR			9	2	2		1	1	18	11	29	10	20	8	12	3	9	2	7	3	6	1	5	3	8	4	5	1	1	3	1	1	6	6	5	6	144	65	209				
IN OTHER PLACES	1		1			1	2	1	4	1	6	2	4	3	3	2	5	1	3	1			2		7	2	1	1		1		2	1	3	3	45	19	64					
HOMICIDE	1	1	2	4	2		2	1	10	4	24	7	30	4	19	7	10	4	9	2	10	3	6	1	7	2	3	1	4	2	5	4	2	2	1	1	147	50	197				
SUICIDE								7	6	17	3	17	3	19	6	12	3	7	4	7	3	8	9	10	3	7	4	8	2	4	3	7	3	5	4	135	56	191					
VIOLENCE OF UNDETERMINED ORIGIN		1																																							10	3	13
NATURAL CAUSES	22	19	1	4		1	3	2	2	4	7	11	19	10	17	8	42	6	61	13	48	14	50	15	34	18	32	15	18	8	9	8	19	19	384	175	559						
ABORTIONS																																											
NEONATAL & INTRA-UTERINE DEATHS	2	2																																							2	2	4
UNDETERMINED CAUSES																																											
GRAND TOTAL	28	24	21	15	4	2	6	6	48	24	85	29	89	32	80	30	62	18	72	21	92	24	78	30	92	29	55	26	54	26	37	20	30	32	39	44	972	432	1404				

GEOGRAPHICAL LOCATION - ALL FATALITIES SUMMARY

CITIES	VIOLENT DEATHS										TABLE 6					GRAND TOTAL
	ACCIDENTS					OTHER VIOLENCE										
	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 FETAL DEATH	UNDETERMINED CAUSES	TOTAL	
Cleveland	121	12	92	163	388	168	86	11	265	653	1063		5	4	1072	1725
Bay Village	2			1	3	1			1	4	2				2	6
Beachwood	1		1	3	5					5	4				4	9
Bedford	2				2		2		2	4	25				25	29
Bedford Heights	1			1	2	1	1		2	4	4				4	8
Berea	2		1		3		2		2	5	6				6	11
Brecksville		1	1	1	3	1	2		3	6	3				3	9
Broadview Heights	1		1		2					2	2				2	4
Brooklyn	2		2		4	1	2		3	7	4				4	11
Brook Park							3	1	4	4	4				4	8
Cleveland Heights	6		4	5	15	2	5		7	22	28				28	50
East Cleveland	1		5	6	12	8	4		12	24	109				109	133
Euclid	6		8	5	19	1	10		11	30	89				89	119
Fairview Park	4		1	1	6		4		4	10	6				6	16
Garfield Heights	3	1	1	4	9	1	3		4	13	68				68	81
Highland Heights			1		1					1	3				3	4
Independence			2		2		1		1	3	2				2	5
Lakewood	11	1	5	7	24		4		4	28	54				54	82
Lyndhurst						1	5		6	6	3				3	9
Maple Heights	4	1			5		3		3	8	10				10	18
Mayfield Heights	1		3	4	8		3		3	11	57				57	68
Middleburg Heights			2	1	3					3	57				57	60
North Olmsted	5		1	1	7		4		4	11	12				12	23
North Royalton	3		6		9	2	1		3	12	6				6	18
Olmsted Falls											2				2	2
Parma	7		7	3	17	2	10		12	29	79			1	80	109
Parma Heights	3		2		5	1	1		2	7	9				9	16
Pepper Pike							1		1	1						1
Richmond Heights		1			1	2	3		5	6	22			1	23	29
Rocky River			2		2		3		3	5	6				6	11
Seven Hills	1				1		1		1	2						2
Shaker Heights	5		2		7	2		1	3	10	14				14	24
Solon			2		2					2	5				5	7
South Euclid	8		1		9		2		2	11	8				8	19
Strongsville	1		3		4		7		7	11	5				5	16
University Heights	2				2					2	11				11	13
Warrensville Heights			2	1	3		2		2	5	50				50	55
Westlake	1		1	2	4		2		2	6	22				22	28
TOTAL CITIES	204	17	159	209	589	194	177	13	384	973	1854	0	5	6	1865	2838

GEOGRAPHICAL LOCATION - ALL FATALITIES SUMMARY

VILLAGES AND TOWNSHIPS	VIOLENT DEATHS														TOTAL	GRAND TOTAL
	ACCIDENTS					OTHER VIOLENCE					NATURAL CAUSES	ABORTIONS	LIVE BIRTH AND FOETAL DEATH	UNDETERMINED CAUSES		
	IN THE HOME	WHILE AT WORK	VEHICULAR	IN OTHER PLACES	TOTAL ACCIDENTS	HOMICIDE	SUICIDE	UNDETERMINED ORIGIN	TOTAL OTHER VIOLENCE	TOTAL ALL VIOLENCE						
Bentleyville																0
Bratenahl							1		1	1						1
Brooklyn Heights	1		2	2	5					5						5
Chagrin Falls							1		1	1	2				2	3
Cuyahoga Heights			1		1					1			1		1	2
Gates Mills			1		1					1						1
Glenwillow																0
Hunting Valley			2		2					2						2
Linndale																0
Mayfield			2		2		2		2	4	1				1	5
Moreland Hills			2		2					2	2				2	4
Newburgh Heights	2				2		1		1	3	4				4	7
North Randall				1	1					1	1				1	2
Oakwood											2				2	2
Orange											1				1	1
Valley View			1		1					1						1
Walton Hills																0
Woodmere																0
TOTAL VILLAGES	3	0	11	3	17	0	5	0	5	22	13	0	1	0	14	36
Chagrin Falls																0
Olmsted	1		3		4					4	1				1	5
Riveredge											1				1	1
Warrensville			2	2	4		1		1	5	2				2	7
TOTAL TOWNSHIPS	1	0	5	2	8	0	1	0	1	9	4	0	0	0	4	13

TABLE 7

GEOGRAPHICAL LOCATION-ALL FATALITIES SUMMARY

TOTALS	VIOLENT DEATHS										TABLE 7A					
	ACCIDENTS					OTHER VIOLENCE										
	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
TOTAL CITIES	204	17	159	209	589	194	177	13	384	973	1854		5	6	1865	2838
TOTAL VILLAGES	3		11	3	17		5		5	22	13		1		14	36
TOTAL TOWNSHIPS	1		5	2	8		1		1	9	4				4	13
TOTAL OUT OF COUNTY	15	3	35	4	57	2	8	1	11	68						68
TOTAL TURNPIKES			2		2					2						2
GRAND TOTAL	223	20	212	218	673	196	191	14	401	1074	1871	0	6	6	1883	2957

ACCIDENTAL FATALITIES BY MONTH

TABLE 8

MONTH	HOME ACCIDENTS						WHILE AT WORK ACCIDENTS						VEHICULAR ACCIDENTS						OTHER ACCIDENTS						TOTAL						GRAND TOTAL	
	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	TURNPIKE IN COUNTY	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	TURNPIKE IN COUNTY		OUT OF COUNTY
JANUARY	16	10			2	28							7	5				3	15	13	2				15	36	17				5	58
FEBRUARY	16	9				25							3	2	3			1	9	23	5	1		1	30	42	16	4		2	64	
MARCH	10	14				24	1				1	5	2				1	8	12	7	1			20	28	23	1		1	53		
APRIL	10	4	2		1	17	1	1			2	4	5	1			4	14	18	5				23	33	15	3		5	56		
MAY	9	4			3	16	3				3	7	3	2		1	2	15	10	4				14	29	11	2		1	5	48	
JUNE	5	1				6	1	1			2	14	9	1	1		3	28	14	3				17	34	14	1	1		3	53	
JULY	10	5			2	17	2	1		1	4	12	8		2		4	26	17	6				23	41	20		2		7	70	
AUGUST	4	7	1		1	13	1	1			2	11	4			1	7	23	12	3	1	1	1	18	28	15	2	1	1	9	56	
SEPTEMBER	7	3			2	12	1			1	2	6	9	2	2		2	21	5	5			1	11	19	17	2	2		6	46	
OCTOBER	10	8		1	4	23	1				1	5	4				5	14	16	3				19	32	15		1		9	57	
NOVEMBER	7	9				16				1	1	8	6	1			2	17	10	2			1	13	25	17	1			4	47	
DECEMBER	17	9				26	1	1			2	10	10	1			1	22	13	1		1		15	41	21	1	1		1	65	
TOTAL	121	83	3	1	15	223	12	5			3	20	92	67	11	5	2	35	212	163	46	3	2	4	218	388	201	17	8	2	57	673

HOMICIDES, SUICIDES, VIOLENCE OF UNDETERMINED ORIGIN

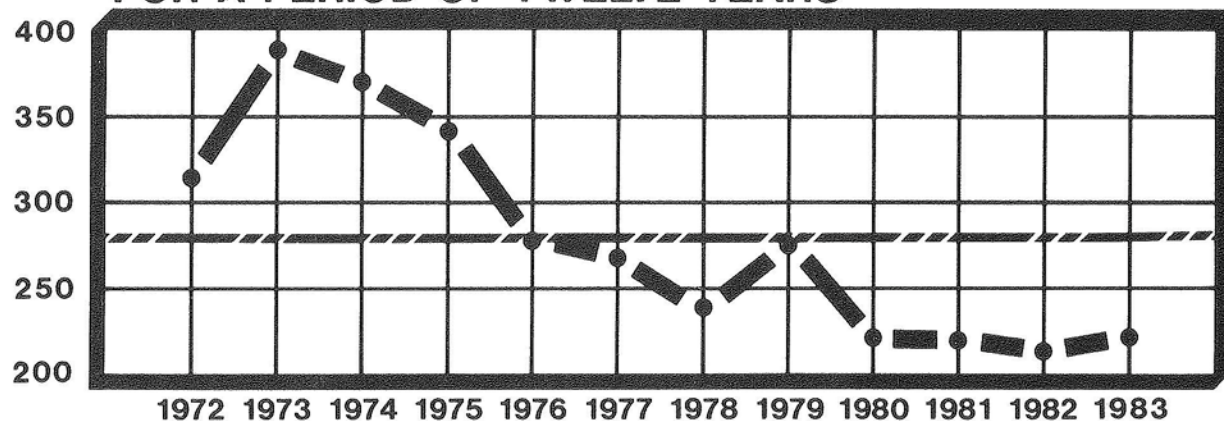
FATALITIES BY MONTH

TABLE 9

MONTH	HOMICIDES						SUICIDES						VIOLENCE OF UNDETERMINED ORIGIN						GRAND TOTAL					
	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL		CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY
JANUARY	16	1				17	10	6			1	17							26	7			1	34
FEBRUARY	14	5				19	6	6				12	1					1	21	11				32
MARCH	15	4				19	8	10	1		1	20					1	1	23	14	1		2	40
APRIL	7	3				10	4	10				14	2					2	13	13				26
MAY	18				1	19	4	11	2		2	19		1				1	22	12	2		3	39
JUNE	12					12	9	6			1	16	2					2	23	6			1	30
JULY	19	1				20	10	8			1	19	2					2	31	9			1	41
AUGUST	7	4				11	9	10			1	20							16	14			1	31
SEPTEMBER	8	2				10	2	6		1		9	2					2	12	8		1		21
OCTOBER	14	1			1	16	8	6			1	15	1					1	23	7			2	32
NOVEMBER	16	1				17	6	6				12		1				1	22	8				30
DECEMBER	22	4				26	10	6	2			18	1					1	33	10	2			45
TOTAL	168	26			2	196	86	91	5	1	8	191	11	2			1	14	265	119	5	1	11	401

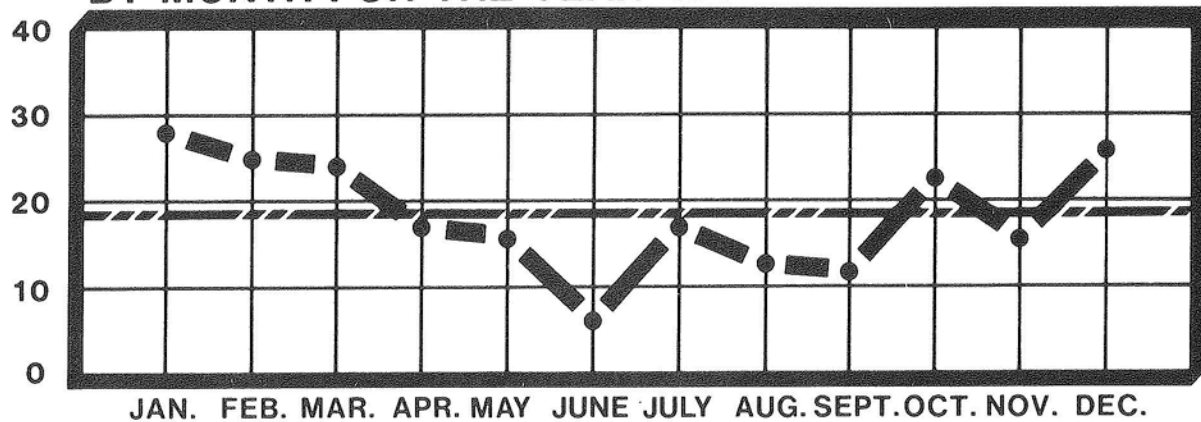
ACCIDENTS IN THE HOME

FOR A PERIOD OF TWELVE YEARS



280.3 AVERAGE

BY MONTH FOR THE YEAR 1983



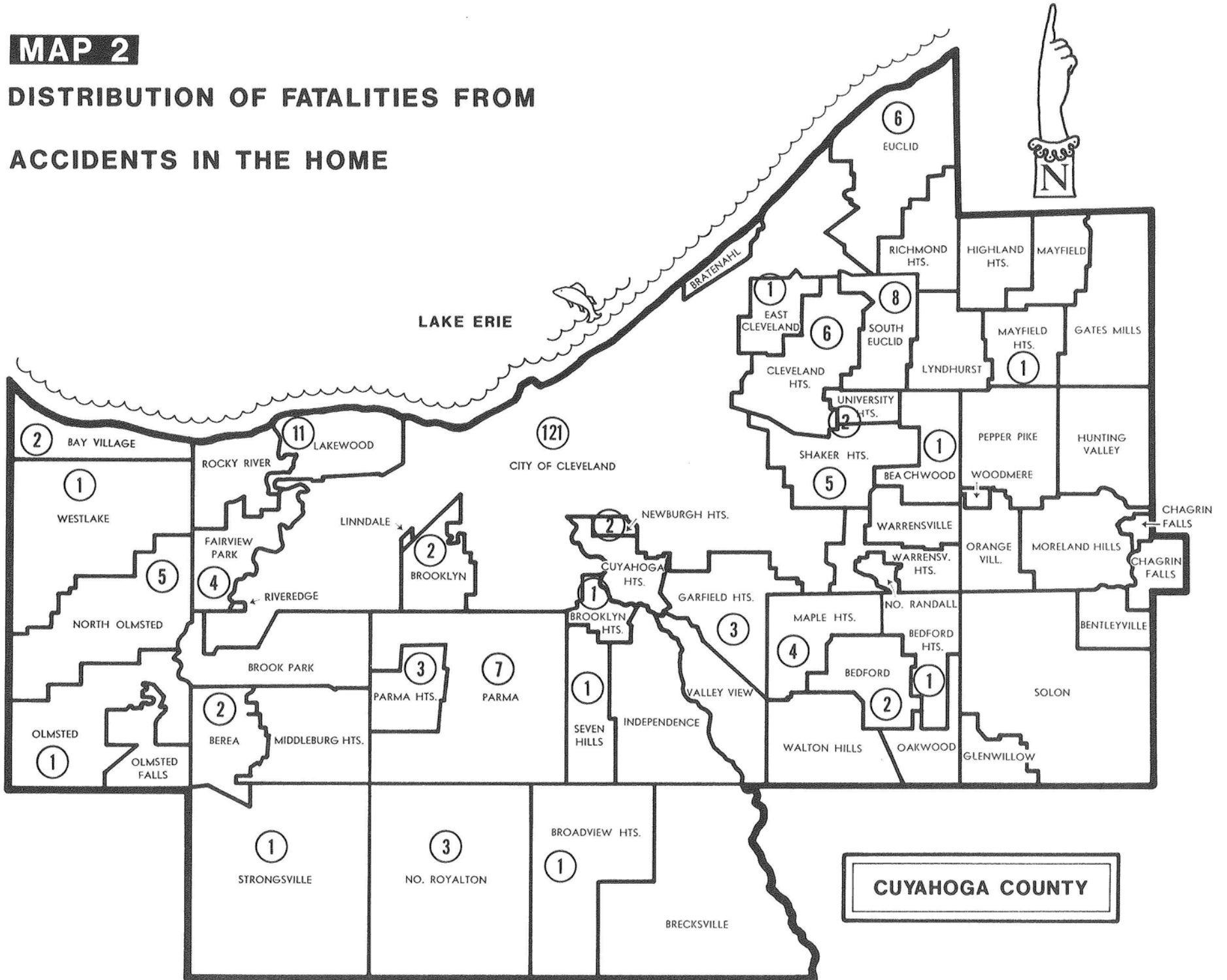
18.6 AVERAGE

		NUMBER	PERCENT
SEX	MALE	113	51
	FEMALE	110	49
RACE	WHITE	168	75
	NON-WHITE	55	25
ALCOHOL	TESTED	97	43
	POSITIVE	30	31
AUTOPSY	AUTOPSIED	142	64

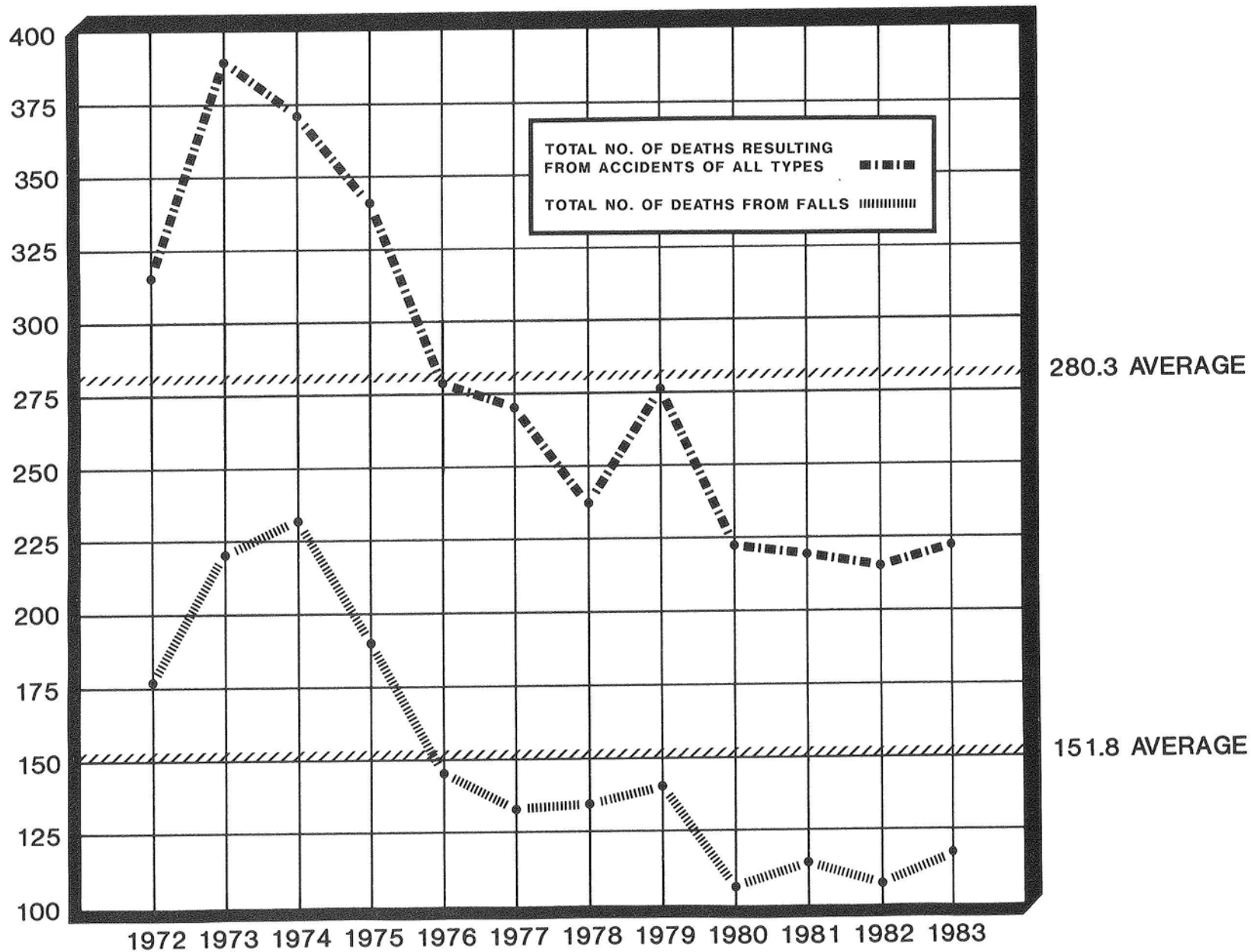
1983
TOTAL CASES
223

MAP 2

DISTRIBUTION OF FATALITIES FROM ACCIDENTS IN THE HOME



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



FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

MONTHLY ALCOHOL INCIDENCE

TABLE 10

MONTH	TOTAL	NOT TESTED																		TESTED						STAGES													
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
JANUARY	28	16	12	9	7	5	5	2		8	9	6	8	1	1	1		8	3	5	2	3	1											1				1	1
FEBRUARY	25	13	12	9	7	4	5			7	10	6	9		1	1		6	2	3	1	3	1	1		2										1			
MARCH	24	11	13	6	4	5	9			6	10	5	8	1			2	5	3	2	2	3	1		1				1		1						1		
APRIL	17	10	7	7	3	3	3		1	2	4	2	3		1			8	3	5	3	3								2							1		
MAY	16	5	11	5	4		4		3	1	6	1	6					4	5	2	4	2	1		1			2											
JUNE	6	3	3	3	2		1											3	3	3	1		2			1					1								
JULY	17	8	9	4	6	2	3	2		5	9	4	7	1	2			3		2		1			1														
AUGUST	13	10	3	3	1	6	2	1		4	1	3	1	1				6	2	4	2	2											2						
SEPTEMBER	12	7	5	3	4	2	1	2		4	5	3	4	1			1	3		3																			
OCTOBER	23	10	13	4	6	4	5	2	2	5	7	5	7					5	6	4	5	1	1											1				1	
NOVEMBER	16	8	8	6	1	2	7			7	5	7	5					1	3	1	3																		
DECEMBER	26	12	14	8	9	4	5			4	7	4	5		1		1	8	7	5	5	3	2	1		1										1	2		
TOTAL	223	113	110	67	54	37	50	9	6	53	73	46	63	5	6	2	4	60	37	39	28	21	9	2	2	5	1	2				1	1	6	1	1	3	4	1

FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

AGE AND RACE - ALCOHOL INCIDENCE

TABLE 11

AGE	RACE	TOTAL	NOT TESTED									TESTED						STAGES															
			Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over				
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Under 1 Year	White	1	1		1																												
	Non-White	2	1	1	1	1					1	1																					
1 - 4	White	8	4	4	2	4			1	2	3				2		2																
	Non-White	7	4	3	2	2	1	1	1	1					2	1	2	1															
5 - 9	White	1			1						1																						
	Non-White																																
10 - 14	White	3	2	1	1						1				1	1	1	1															
	Non-White																																
15 - 19	White	2	2												2		2																
	Non-White	3	3												3		3																
20 - 24	White	5	3	2											3	2	3	1		1											1		
	Non-White	1	1												1		1																
25 - 29	White	5	5												5		2		3												2		
	Non-White	3	2	1	1			1							1	1	1				1												
30 - 34	White	6	5	1	1			1							4	1	2		2	1							1		1		1		
	Non-White	4	3	1	1			1							2	1		1	2												1		
35 - 39	White	5	5			1		1							4		1		3												1		
	Non-White	3	2	1	1	1	1	1							1			1															
40 - 44	White	6	3	3	1	1	1	1							2	2	1	2	1												1		
	Non-White	3		3												3		1		2													
45 - 49	White	8	4	4	1			1							3	4	2	3	1	1											1		
	Non-White	2	2		1			1							1			1															
50 - 54	White	5	4	1	2			2							2	1		1	2												1		
	Non-White	4	2	2		1		1							2	1	1		1	1											1		
55 - 59	White	7	3	4	2	2	2	2							1	2	1	2															
	Non-White	4	4		1		1								3		1		2		1										1		
60 - 64	White	4	1	3	1	1	1	1								2		1		1													
	Non-White																																
65 - 69	White	12	8	4	4	3	4	3							4	1	4	1															
	Non-White	4	3	1	2		2								1	1	1	1															
70 - 74	White	15	7	8	4	7	4	6				1		3	1	2	1	1		1													
	Non-White	1		1												1				1											1		
75 - 79	White	22	8	14	6	9	6	9							2	5	2	5															
	Non-White	5	1	4	1	3	1	2								1		1															
80 - over	White	53	19	34	15	31	13	30			2	1	4	3	3	3	1											1					
	Non-White	9	1	8		6		5				1	1	2	1	2																	
TOTAL	White	168	84	84	42	59	37	53	3	4	2	2	42	25	28	21	14	4	1	1	2					1	1	5	1	1	3		
	Non-White	55	29	26	11	14	9	10	2	2			2	18	12	11	7	7	5	1	1	3	1	1						2	1	1	
GRAND TOTAL		223	113	110	53	73	46	63	5	6	2	4	60	37	39	28	21	9	2	2	5	1	2			1	1	6	1	1	3	4	1

FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

MODE - ALCOHOL INCIDENCE

TABLE 12

MODE	TOTAL	NOT TESTED																TESTED						STAGES																	
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over					
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
ASPHYXIA	13	5	8	2	4	2	2	1	2	2	5	1	2	1	3			3	3	3	1		2		1																
BURNING	23	14	9	9	5	3	3	2	1	7	7	5	6	2	1			7	2	3	2	4						1				1									2
CARBON MONOXIDE	24	11	13	6	11	5	2				2		2					11	11	4	8	7	3	1		1		1				1	2			1	1	1	1		
CRUSHING	1		1				1												1		1																				
EXPLOSION	1	1				1												1		1																					
EXPOSURE	2	1	1	1	1													1	1	1	1																				
FALLING	118	55	63	28	23	22	38	5	2	36	55	33	51	1	1	2	3	19	8	16	8	3		1				1				1									
JUMPING	1	1				1				1		1																													
POISONING	26	16	10	14	7	2	3			3		3						13	10	7	6	6	4			1	4	1				1				2	1				
SHOOTING	8	7	1	6	1			1		2	1	1		1	1			5		4		1								1											
STRUCK BY OBJECT	1	1				1				1		1																													
UNDETERMINED	3	1	2	1	1		1			1	2	1	1				1																								
MISCELLANEOUS	2		2		1				1		1		1					1			1																				
TOTAL	223	113	110	67	54	37	50	9	6	53	73	46	63	5	6	2	4	60	37	39	28	21	9	2	2	5	1	2		1	1	6	1	1	1	3	4	1			

FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

MODE - ALCOHOL INCIDENCE

TABLE 13

MODE	TOTAL	NOT TESTED												TESTED						STAGES																
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long	Under Age		Other		Total		Neg.	Pos.	0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
ASPHYXIA:																																				
Aspiration of Foreign Object	2	1	1	1			1			1				1				1																	1	
Compression	3	2	1			1	1	1		1		1					1	1	1	1																
Drowning	4		4		3				1		3		2		1				1		1															
Hanging	2	2		1		1											2																			
Ligature	1		1						1		1				1																					
Suffocation	1		1		1						1				1																					
TOTAL	13	5	8	2	4	2	2	1	2	2	5	1	2	1	3		3	3	3	1		2		1										1		
BURNING:																																				
Chemical	1	1							1		1		1																							
Conflagration	15	10	5	7	5	2		1		5	4	4	3	1	1		5	1	2	1	3						1		1						1	
Incidental Fire	6	2	4	2			3		1		3		3				2	1	1	1	1														1	
Scalding	1	1				1				1				1																						
TOTAL	23	13	9	9	5	3	3	2	1	7	7	5	6	2	1		7	2	3	2	4						1		1					2		
CARBON MONOXIDE:																																				
Auto Exhaust	4	3	1	2	1	1											3	1			3	1					1								1	
Conflagration	19	7	12	3	10	4	2				2		2				7	10	4	8	3	2			1							1		1	1	
Incomplete Combustion of Natural Gas	1	1		1													1				1		1													
TOTAL	24	11	13	6	11	5	2				2		2				11	11	4	8	7	3	1		1		1				1	2		1	1	

FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

MODE - ALCOHOL INCIDENCE

TABLE 15

MODE	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
ASPHYXIA		1	2	3					2										1	1	2															5	8	13	
BURNING	1		3	2				1			1			1		2			1	1			1	1	1	1		2	1			1		1	1	14	9	23	
CARBON MONOXIDE			1	1			1				1		1	1	1				2	1			1	1	2					1		3	1	4	11	13	24		
CRUSHING																								1												1		1	
EXPLOSION													1																						1		1		
EXPOSURE																										1						1			1	1	2		
FALLING	1		2	1						1		1		1		2	1		1	2	1	2		4	1	1	1	8	3	6	7	7	13	17	34	55	63	118	
JUMPING																							1												1		1		
POISONING								1		1	1	5	1	3	1	2			1	1	2	1	1	1		1	2					1			16	10	26		
SHOOTING					1	1	2		1				1					1														1			7	1	8		
STRUCK BY OBJECT																													1						1		1		
UNDETERMINED																																	1	2	1	2	3		
MISCELLANEOUS																											1							1		2	2		
TOTAL	2	1	8	7		1	2	1	5		4	2	7	1	8	2	7	1	3	6	6	4	6	3	7	4	1	3	11	5	7	9	9	18	20	42	113	110	223

FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

FALLS -ALCOHOL INCIDENCE

TABLE 16

FALLS BY CODE *	TOTAL	NOT TESTED										TESTED				STAGES													
		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
E 880 - From Stairs	23	15	8	6	6	5	6			1		9	2	7	2	2		1								1			
E 881 - From Ladder	3	3		2		2						1		1															
E 882 - From Building	4	2	2	1	1	1			1			1	1	1	1														
E 884 - From One Level to Another																													
Adult Arms	1	1		1					1																				
Bed	9	4	5	4	5	4	4				1																		
Chair	10	3	7	3	6	3	6					1		1															
Commode	1		1		1						1																		
Couch	1	1	4									1		1															
Walker	5	1	4	1	4	1	3				1																		
Wheelchair	1		1		1	1																							
Stool	1		1		1	1																							
E 885 - On Same Level	49	22	27	16	27	15	27				1	6		5		1					1								
E 888 - Unspecified	10	3	7	2	3	2	3					1	4	1	4														
TOTAL	118	55	67	36	55	33	51	1	1	2	3	19	8	16	8	3		1								1			

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

FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

FALLS -AGE GROUPS

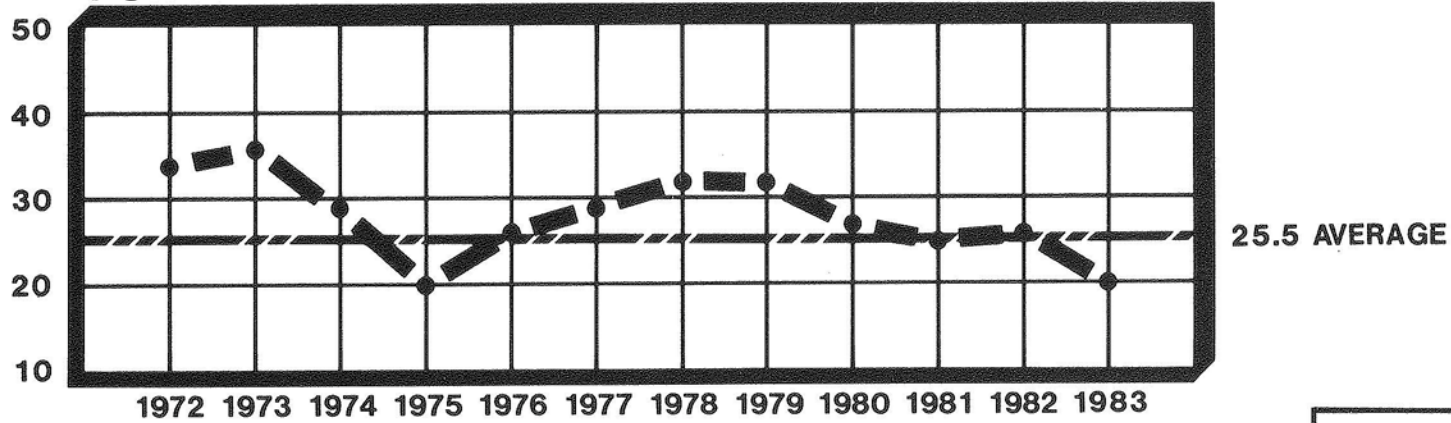
TABLE 17

FALLS BY CODE *	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
E 880 - From Stairs										1		1								1		1	2		3				2	2	2		1	1	3	3	15	8	23	
E 881 - From Ladder																											1		1					1			3		3	
E 882 - From Building				1																	1								1	1							2	2	4	
E 884 - From One Level to Another Adult Arms																																						1		1
Bed	1																								1						2	2	1		2	4	5	9		
Chair																													1					3	6	3	7	10		
Commode																																		1			1		1	
Couch															1																						1		1	
Walker																																	1	1	3	1	4	5		
Wheelchair																																	1				1		1	
Stool																																			1			1		1
E 885 - On Same Level				1														1		1		1			1	1	1	4		2	3	4	5	9	16	22	27	49		
E 888 - Unspecified																	2										1	1					4		2	3	7	10		
TOTAL	1		2	1						1	1	1	2	1	1	2	1	2	1	2	1	2	1	2	4	1	1	1	8	3	6	7	7	13	17	34	55	63	118	

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

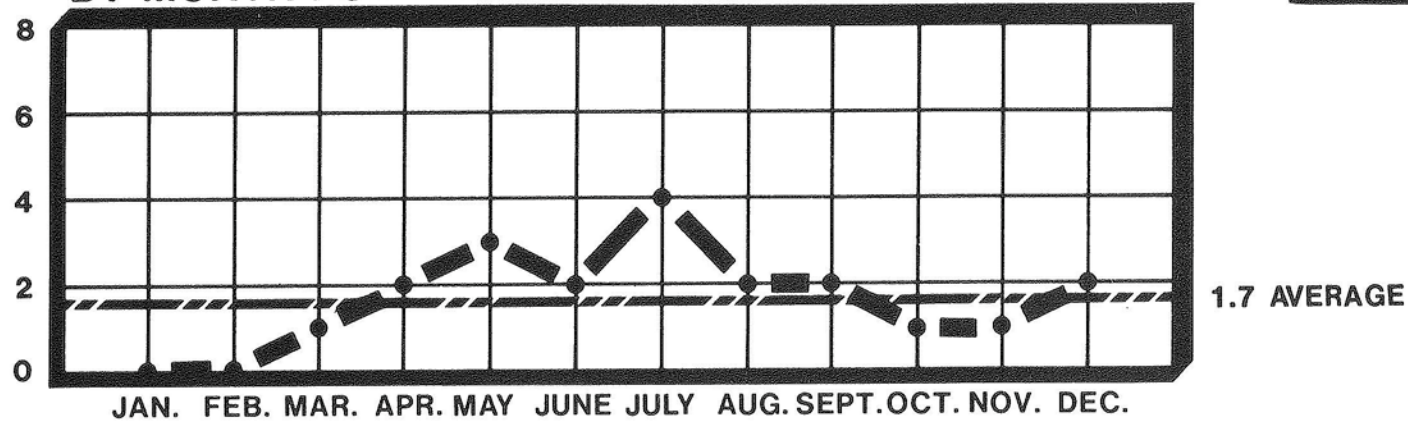
ACCIDENTS WHILE AT WORK

FOR A PERIOD OF TWELVE YEARS



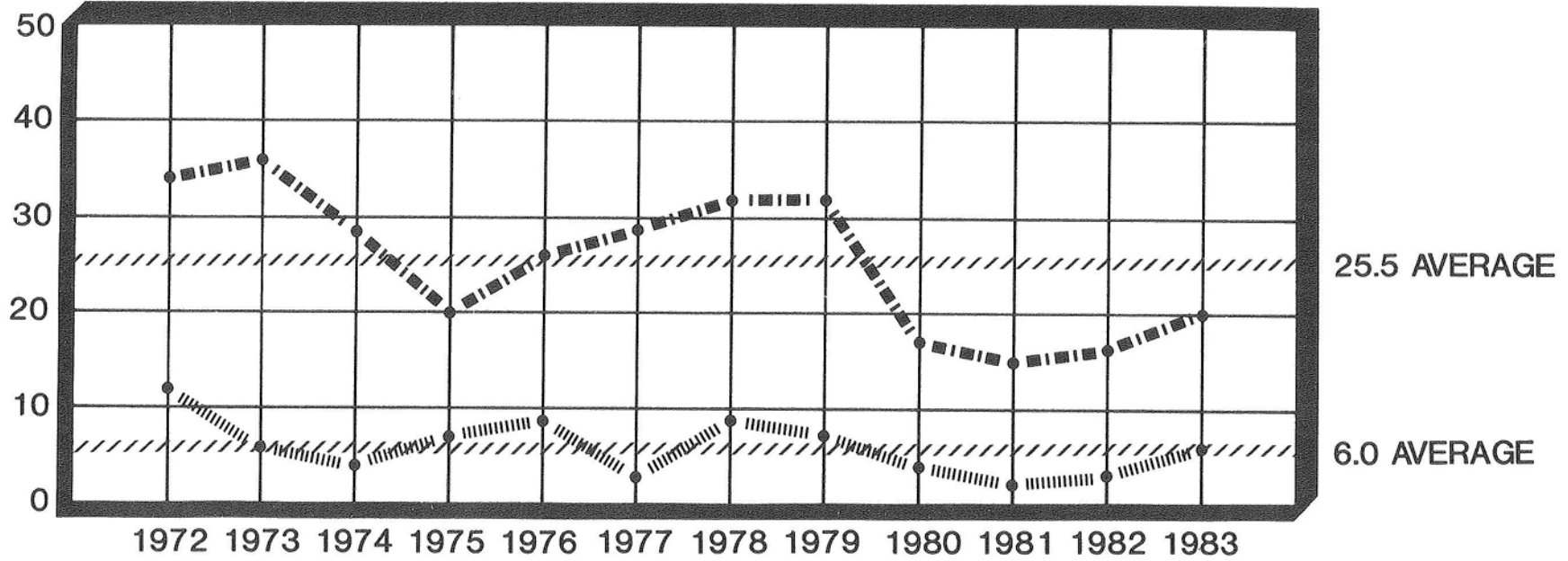
		NUMBER	PERCENT
SEX	MALE	20	100
	FEMALE	0	0
RACE	WHITE	16	80
	NON-WHITE	4	20
ALCOHOL	TESTED	14	70
	POSITIVE	0	0
AUTOPSY	AUTOPSIED	19	95

BY MONTH FOR THE YEAR 1983



1983
TOTAL CASES
20

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



TOTAL NO. OF DEATHS RESULTING FROM ACCIDENTS OF ALL TYPES ■■■■■
TOTAL NO. OF DEATHS FROM FALLS ······

FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

MODE - AGE GROUPS

TABLE 22

MODE	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
	ASPHYXIA												1																									1		
BURNING																				1		1															2		2	
CRUSHING											1	1													1						1						4		4	
ELECTROCUTION											1						1																				2		2	
EXPOSURE												1																									1		1	
FALLING															1			2					1		2												6		6	
STRUCK BY OBJECT											2																									1		3		3
TRAIN ACCIDENT																						1															1		1	
TOTAL											4	3			1	1	2	2			2		2		3		1									1		20		20

FALLS - ALCOHOL INCIDENCE

TABLE 23

FALLS BY CODE *	TOTAL	NOT TESTED										TESTED						STAGES																						
		Total		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over										
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F									
E 881 - From Ladder	1	1												1	1																									
E 882 - From Building or Other Structure	4	4			1		1							3	3																									
E 884 - From One Level to Another Crane	1	1			1		1																																	
TOTAL	6	6			2		2							4	4																									

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

FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

FALLS - AGE GROUPS

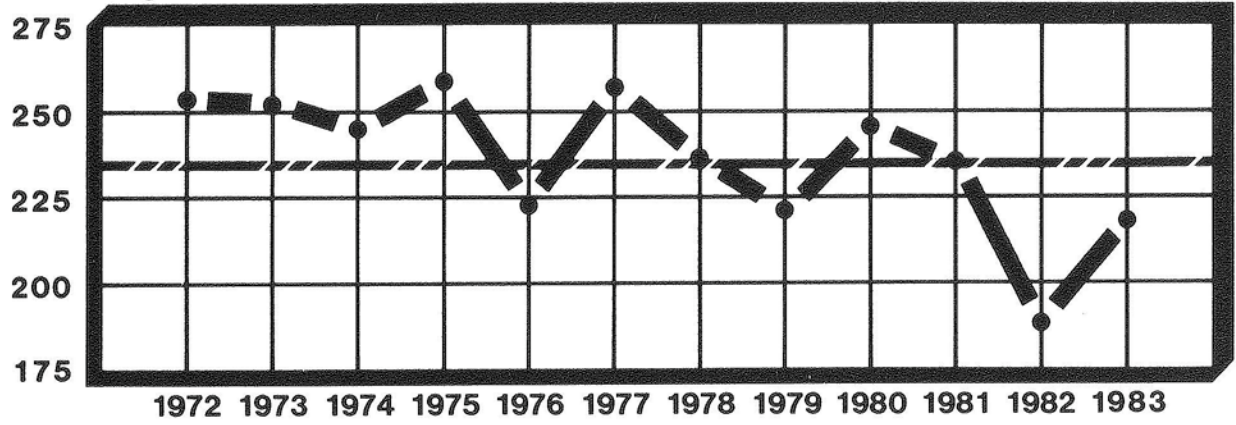
TABLE 24

FALLS BY CODE *	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL							
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F										
E 881 - From Ladder																																							1		1		1			
E 882 - From Building or Other Structure																1			2																					1		4		4		
E 884 - From One Level to Another Crane																																										1		1		
TOTAL																1			2																					1		2		6		6

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

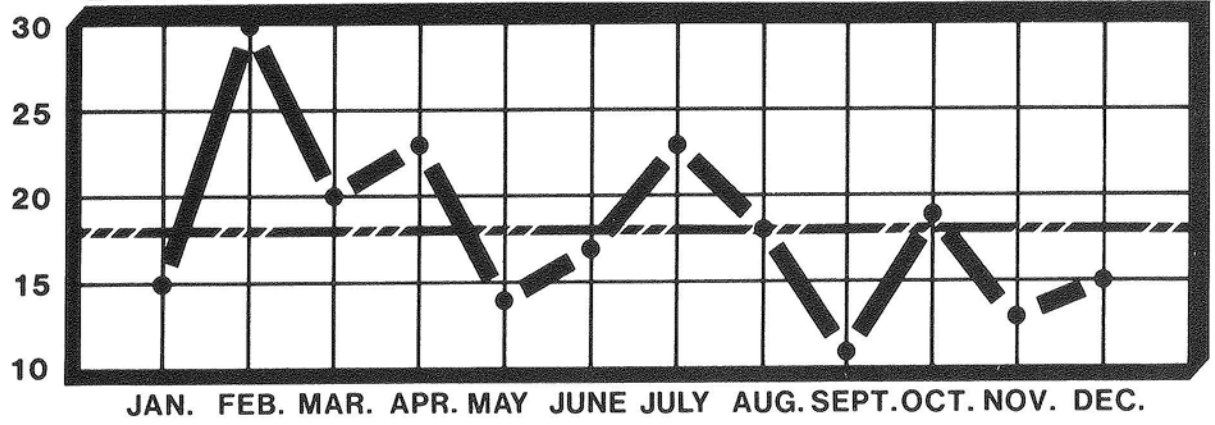
ACCIDENTS IN OTHER PLACES

FOR A PERIOD OF TWELVE YEARS



236.3 AVERAGE

BY MONTH FOR THE YEAR 1983



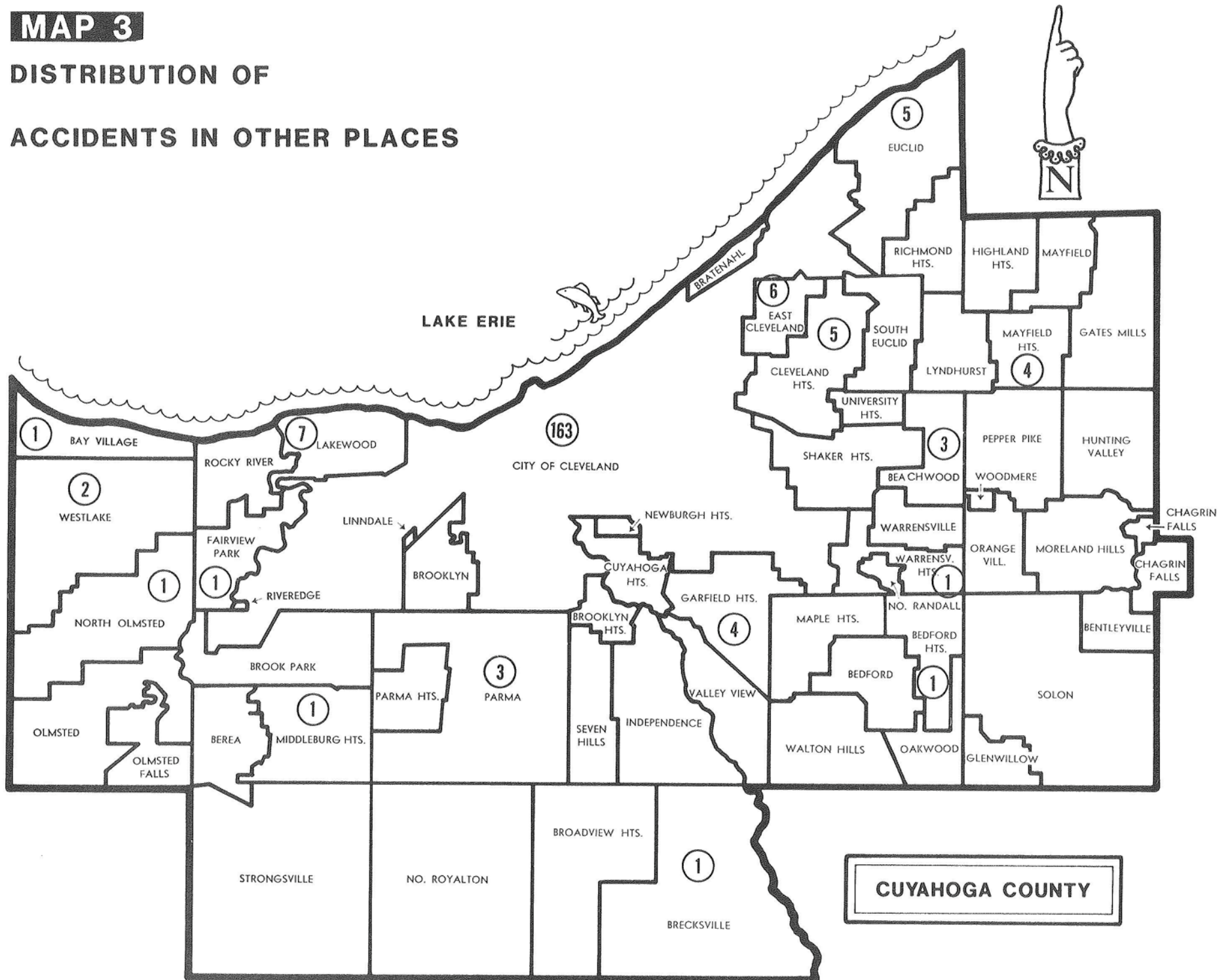
18.2 AVERAGE

		NUMBER	PERCENT
SEX	MALE	127	58
	FEMALE	91	42
RACE	WHITE	175	80
	NON-WHITE	43	20
ALCOHOL	TESTED	42	19
	POSITIVE	18	43
AUTOPSY	AUTOPSIED	64	29

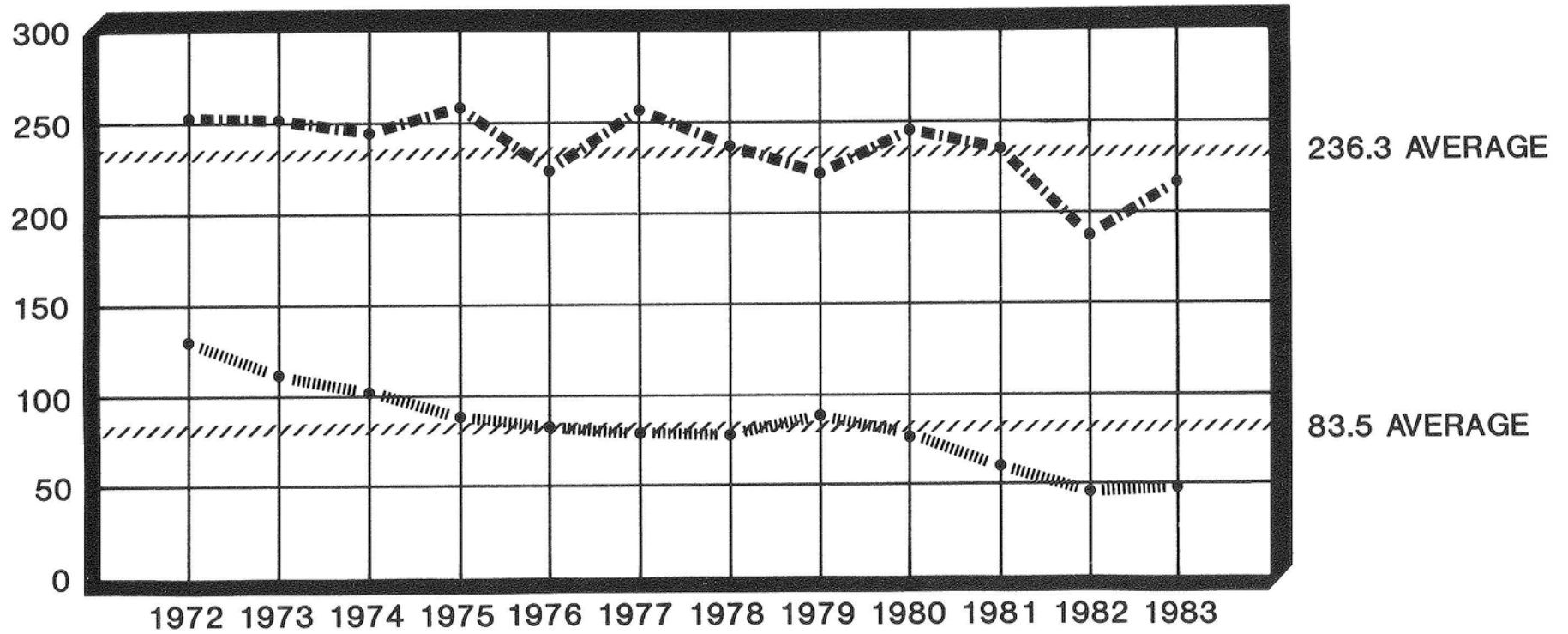
1983
TOTAL CASES
218

MAP 3

DISTRIBUTION OF ACCIDENTS IN OTHER PLACES



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



TOTAL NO. OF DEATHS RESULTING FROM ACCIDENTS OF ALL TYPES ■■■■■
TOTAL NO. OF DEATHS FROM FALLS ·····

FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

MONTHLY ALCOHOL INCIDENCE

TABLE 25

MONTH	TOTAL	NOT TESTED																		TESTED						STAGES											
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
JANUARY	15	10	5	10	3		2			7	3	7	2			1	3	2	1		2	2	1	1									1	1			
FEBRUARY	30	20	10	15	8	4	2	1		17	10	10	8	1		6	2	3		2		1		1													
MARCH	20	14	6	9	3	5	3			11	6	6	5			5	1	3		3																	
APRIL	23	11	12	10	8	1	4			7	12	5	12	1		1		4		2		2		1										1			
MAY	14	8	6	6	4	2	2			6	5	5	3		2	1	2	1	1	1	1				1												
JUNE	17	7	10	7	7		3			6	10	5	10			1		1		1																	
JULY	23	12	11	10	7	2	4			10	7	5	6			5	1	2	4	1	2	1	2	1					2								
AUGUST	18	12	6	8	4	3	2	1		8	5	4	3	1	1	3	1	4	1	2	1	2					1		1								
SEPTEMBER	11	9	2	5		3	2	1		5	2	3	2			2		4		3		1			1												
OCTOBER	19	11	8	10	6	1	2			9	7	8	4	1			3	2	1	1	1	1			1												
NOVEMBER	13	7	6	5	5	2			1	5	6	5	4		1		1	2		1		1					1										
DECEMBER	15	6	9	5	8	1	1			3	9	2	7			1	2	3		1		2				2											
TOTAL	218	127	91	100	63	24	27	3	1	94	82	65	66	4	4	25	12	33	9	19	5	14	4	4	1	5		1		1	2	1		1	1	1	

FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

AGE-RACE-ALCOHOL INCIDENCE

TABLE 26

AGE	RACE	TOTAL	NOT TESTED												TESTED						STAGES											
			Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over			
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 Year	White	7	5	2	4	2	2	2	2	2				1	1																	
	Non-White	4	2	2	2	2	1	1	1	1																						
1 - 4	White	1		1		1					1																					
	Non-White	1	1										1	1																		
5 - 9	White	1	1		1		1																									
	Non-White	1		1		1				1																						
10 - 14	White	3	2	1		1				1			2	2																		
	Non-White	1		1								1				1	1															
15 - 19	White	5	4	1	1	1					1	1	3	1	2			1			1											
	Non-White																										1	1				
20 - 24	White	6	4	2	1	2		1			1	1	3	1	2											1	1					
	Non-White	4	3	1	1		1						2	1	2	1																
25 - 29	White	4	1	3		1		1					1	2	1		2					1					1					
	Non-White	3	3										3	1	2			1	1													
30 - 34	White	4	2	2	1	1				1	1	1	1		1	1		1														
	Non-White	2	1	1	1		1						1				1									1						
35 - 39	White	6	6		4						4	2		1	1					1												
	Non-White	2	1	1	1		1						1		1																	
40 - 44	White	4	2	2	1	2	1	2					1			1		1														
	Non-White	2	2										2	1	1				1													
45 - 49	White	6	3	3	3	3		3	1		2																					
	Non-White	2	2		2		2																									
50 - 54	White	8	8		7		6				1	1			1													1				
	Non-White	3	2	1	2	1	1	1			1																					
55 - 59	White	20	13	7	9	6	8	5			1	1	4	1	2	1	2		1	1												
	Non-White	6	2	4		4		3				1	2		1	1			1													
60 - 64	White	22	14	8	14	8	8	5			6	3																				
	Non-White	6	3	3	2	3	2	3					1		1																	
65 - 69	White	20	12	8	12	7	7	6			5	1		1		1																
	Non-White	2	1	1	1	1	1	1																								
70 - 74	White	7	4	3	3	3	2	3			1		1		1																	
	Non-White																															
75 - 79	White	13	7	6	7	6	7	5				1																				
	Non-White	3	2	1	2	1	2	1																								
80 - over	White	38	13	25	11	25	10	23			1	2	2		2																	
	Non-White	1	1		1		1																									
TOTAL	White	175	101	74	79	69	52	56	3	2	24	11	22	5	12	3	10	2	3		2		1	1	1	1		1	1	1		
	Non-White	43	26	17	15	13	13	10	1	2	1	1	11	4	7	2	4	2	1	1	3				1							
GRAND TOTAL		218	127	91	94	82	65	66	4	4	25	12	33	9	19	5	14	4	4	1	5		1	1	2	1		1	1	1		

FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

MODE - ALCOHOL INCIDENCE

TABLE 27

MODE	TOTAL	NOT TESTED																		TESTED						STAGES																	
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over							
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
AIRPLANE ACCIDENT	6	5	1	5	1					4					4			1	1		1	1		1																			
ASPHYXIA	16	12	4	5	2	4	2	3		2	1			1	1	1		10	3	6		4	3	1	1	1		1			2	1											
BURNING	1	1		1														1		1																							
CARBON MONOXIDE	3	2	1	2				1										2	1	2			1																1				
CRUSHING	1	1				1												1		1																							
ELECTROCUTION	1	1		1														1				1																					
EXPOSURE	1	1		1														1				1					1																
FALLING	49	24	25	14	10	10	15			17	25	17	23			2		7		3		4					2				1								1				
JUMPING	1	1				1												1		1																							
POISONING	3	2	1	2	1													2	1	1	1	1			1																		
SHOOTING	1	1		1						1		1																															
STRUCK BY TRAIN	3	3		3						1						1		2				2					1													1			
THERAPEUTIC COMPLICATION	128	70	58	62	49	8	9			67	55	45	42	3	3	19	10	3	3	3	3																						
UNDETERMINED	2	2		2						2		2																															
MISCELLANEOUS	2	1	1	1					1		1		1					1		1																							
TOTAL	218	127	91	100	63	24	27	3	1	94	82	65	66	4	4	25	12	33	9	19	5	14	4	4	1	5		1		1	2	1		1	1	1							

FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

MODE - AGE GROUPS

TABLE 30

MODE	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
AIRPLANE ACCIDENT															2	1	3																				5	1	6	
ASPHYXIA	1		1			1	1	1	1		2		1	1		1	2								2										1			12	4	16
BURNING																									1													1		1
CARBON MONOXIDE											2			1																							2	1	3	
CRUSHING																															1							1		1
ELECTROCUTION																	1																					1		1
EXPOSURE																	1																					1		1
FALLING							1		1	1			1			1		2	1			2		3				1				3	2	9	21	24	25	49		
JUMPING								1																														1		1
POISONING													2					1																				2	1	3
SHOOTING											1																											1		1
STRUCK BY TRAIN									1		1						1																				3		3	
THERAPEUTIC COMPLICATION	6	4			1	1			1			1	2		1	1	1				1	4	3	8	1	9	11	17	11	12	9	3	3	5	5	3	4	70	58	128
UNDETERMINED																						1																2		2
MISCELLANEOUS												1																										1	1	2
TOTAL	7	4	1	1	1	1	2	2	4	1	7	3	4	3	3	3	7	1	4	2	5	3	10	1	15	11	17	11	13	9	4	3	9	7	14	25	127	91	218	

FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

FALLS - ALCOHOL INCIDENCE

TABLE 31

FALLS BY CODE *	TOTAL	NOT TESTED										TESTED				STAGES															
		Total		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
E 880 - From Stairs	3	1	2		2		2					1			1					1											
E 884 - From One Level to Another																															
Auto	1		1		1		1																								
Bed	9	8	1	8	1	8	1																								
Catwalk	1	1										1		1																	
Chair	1		1		1		1																								
Cliff	1		1		1						1																				
Trestle	1	1										1			1						1										
Utility Pole	1	1										1			1				1												
Walker	2	1	1	1	1	1	1																								
Wheelchair	1		1		1		1																								
E 885 - On Same Level	19	8	11	6	11	6	11					2		1	1														1		
E 888 - Unspecified	9	3	6	2	6	2	5				1	1		1																	
TOTAL	49	24	25	17	25	17	23				2	7		3	4				2			1						1			

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

FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

FALLS - AGE GROUPS

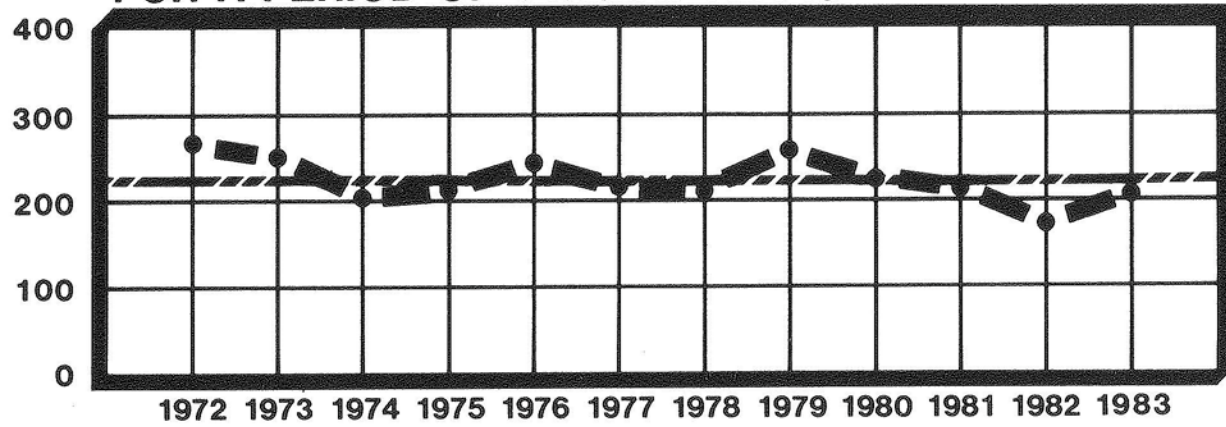
TABLE 32

FALLS BY CODE *	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL																										
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F																													
E 880 - From Stairs																																							1	2	3																								
E 884 - From One Level to Another Auto																																									1	1	1																						
Bed																	1																								1	8	9																						
Catwalk								1																																		1	1																						
Chair																																											1	1																					
Cliff										1																																	1	1																					
Trestle									1																																		1	1																					
Utility Pole																																												1	1																				
Walker																																													1	1	2																		
Wheelchair																																													1	1																			
E 885 - On Same Level																																													2	2	19																		
E 888 - Unspecified																																													2	6	9																		
TOTAL																																															1	1	1	1	1	1	1	2	1	2	3	1	3	2	9	21	24	25	49

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

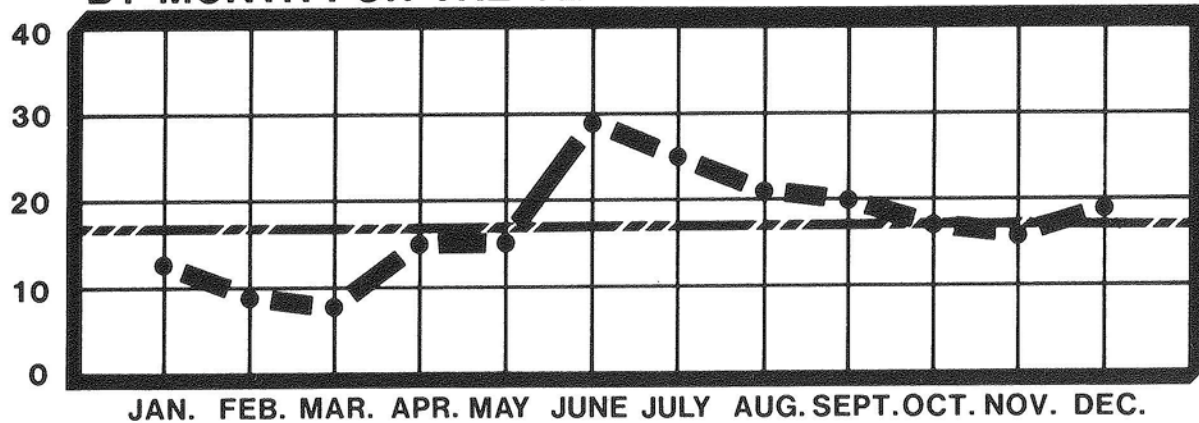
VEHICULAR ACCIDENTS

FOR A PERIOD OF TWELVE YEARS



225.5 AVERAGE

BY MONTH FOR THE YEAR 1983



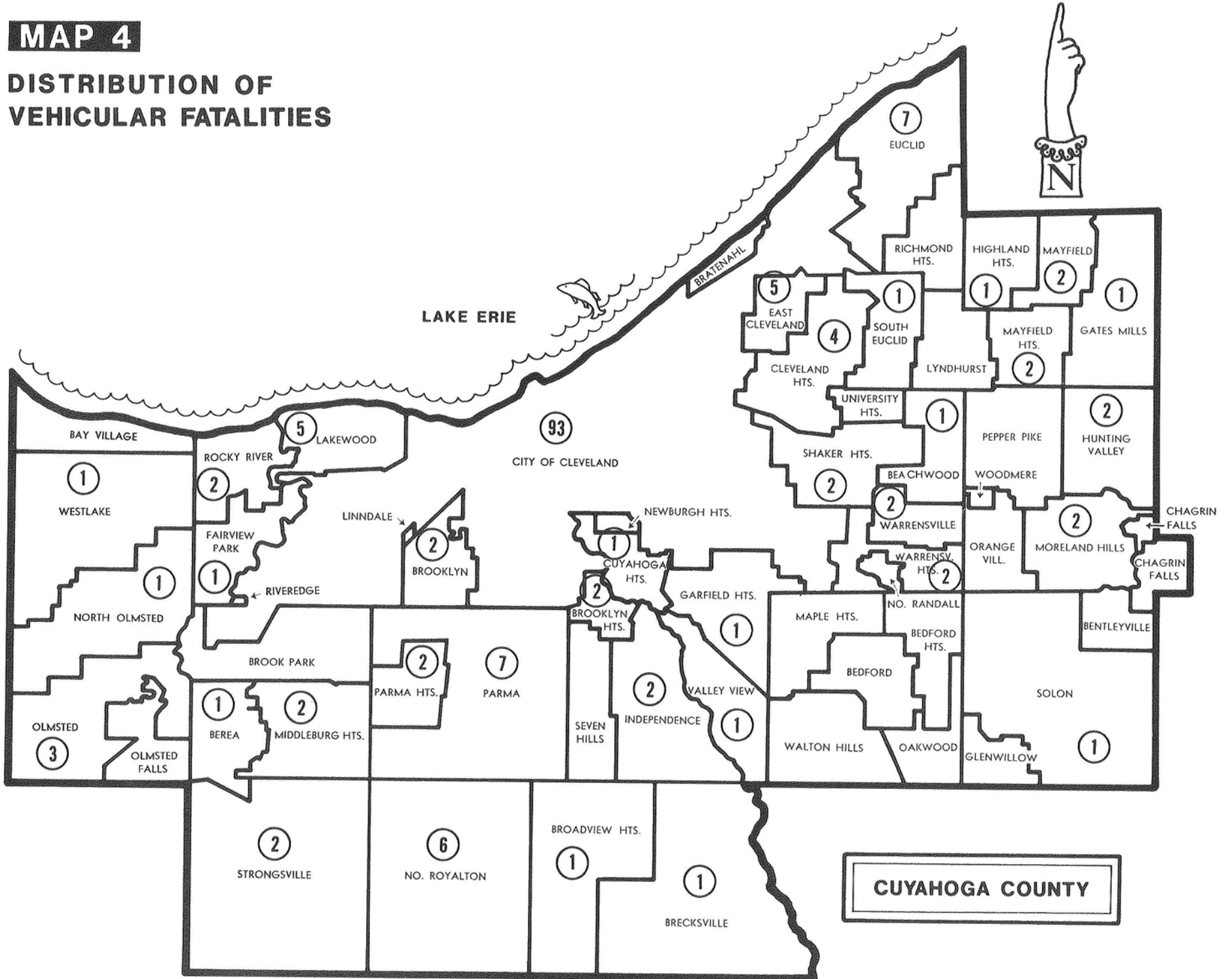
17.3 AVERAGE

		NUMBER	PERCENT
SEX	MALE	141	68
	FEMALE	66	32
RACE	WHITE	160	77
	NON-WHITE	47	23
ALCOHOL	TESTED	149	72
	POSITIVE	78	52
AUTOPSY	AUTOPSIED	209	100

1983
TOTAL CASES
207

MAP 4

DISTRIBUTION OF VEHICULAR FATALITIES



BLOOD ALCOHOL CONCENTRATION BY WEIGHT

APPROXIMATE PERCENT OF ALCOHOL CONCENTRATION IN BLOOD*

BODY WEIGHT IN POUNDS	100	0.038	0.075	0.113	0.150	0.188	0.225	0.263	0.300	0.338	0.375
	120	0.031	0.063	0.094	0.125	0.156	0.188	0.219	0.250	0.281	0.313
	140	0.027	0.054	0.080	0.107	0.134	0.161	0.188	0.214	0.241	0.268
	150	0.025	0.051	0.075	0.101	0.126	0.151	0.176	0.201	0.226	0.251
	160	0.023	0.047	0.070	0.094	0.117	0.141	0.164	0.188	0.211	0.234
	180	0.021	0.042	0.063	0.083	0.104	0.125	0.146	0.167	0.188	0.208
	200	0.019	0.038	0.056	0.075	0.094	0.113	0.131	0.150	0.169	0.188
	220	0.017	0.034	0.051	0.068	0.085	0.102	0.119	0.136	0.153	0.170
	240	0.016	0.031	0.047	0.063	0.078	0.094	0.109	0.125	0.141	0.156
		1	2	3	4	5	6	7	8	9	10
TOTAL NUMBER OF DRINKS**											

* 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 EFFECT OF ALCOHOL

SOMESTHETO-PSYCHIC AREA

AFFECTED BY 0.10-0.30% ALCOHOL

DULLED OR DISTORTED SENSIBILITIES

PSYCHOMOTOR AREA

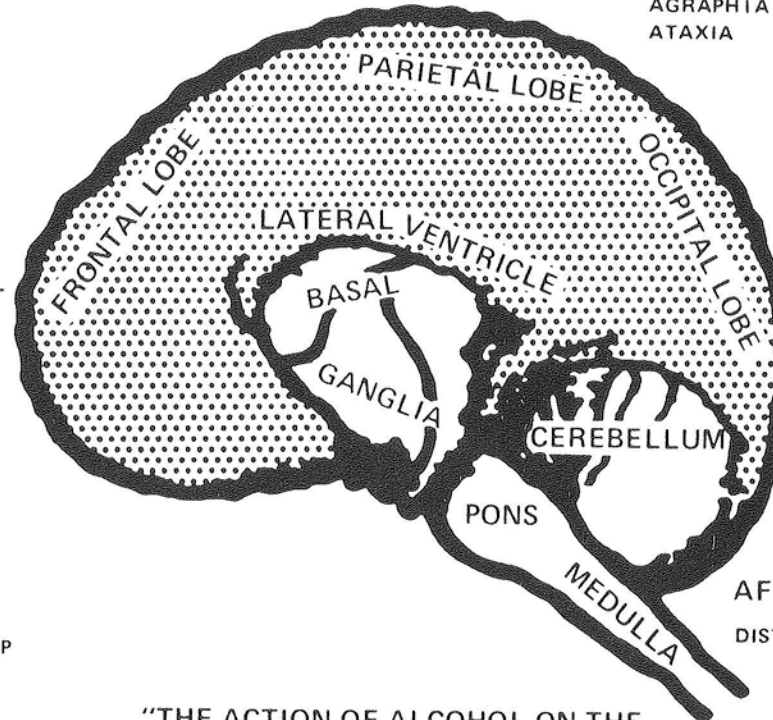
AFFECTED BY 0.10-0.20% ALCOHOL

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



VISUO-PSYCHIC AREAS

AFFECTED BY 0.20-0.30% ALCOHOL

DISTURBANCE OF:

COLOR PERCEPTION	FORM
DIMENSIONS	MOTION
DIPLOPIA	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

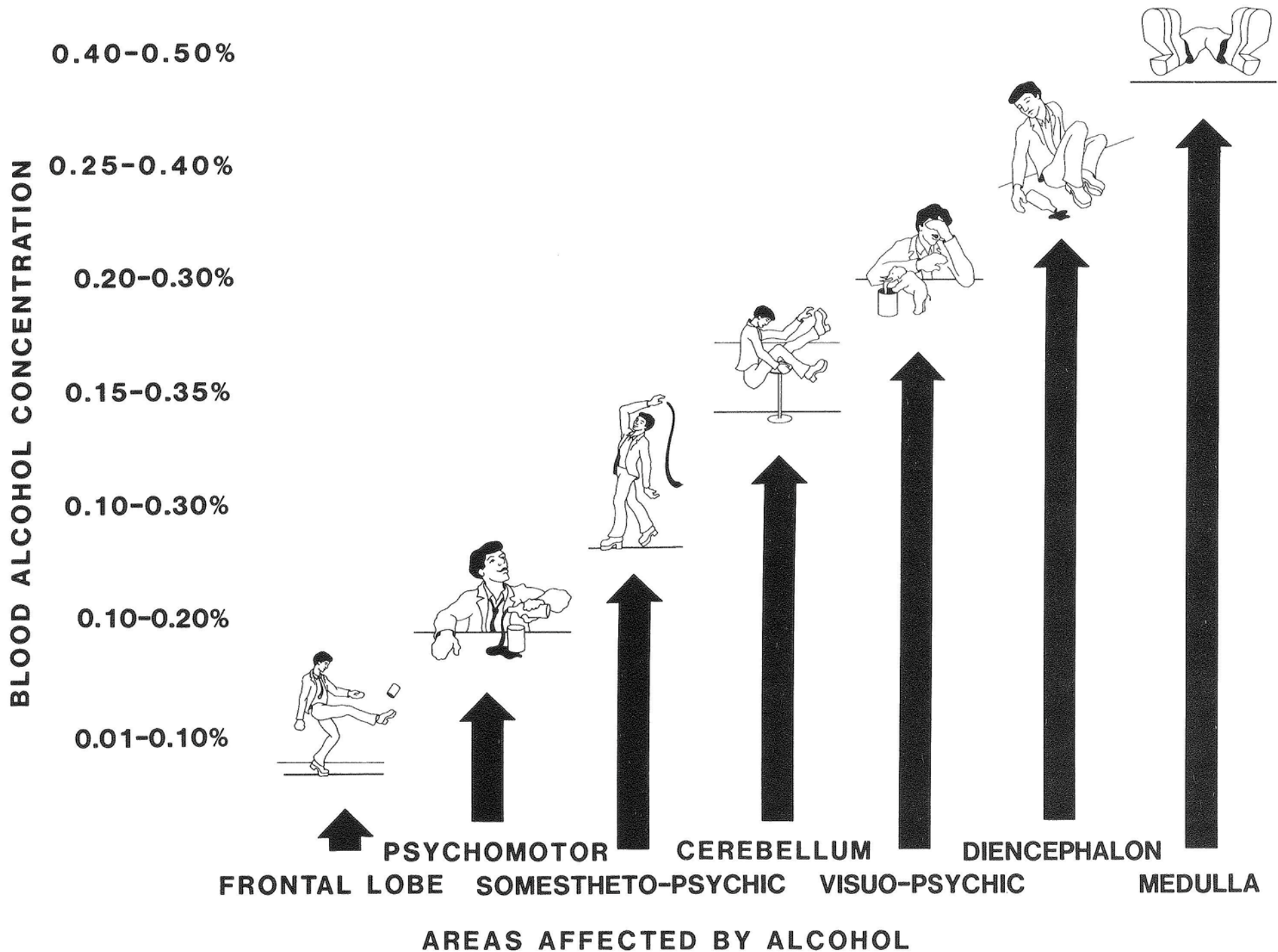
APATHY
 INERTIA
 TREMORS
 CESSATION OF AUTOMATIC MOVEMENTS
 SWEATING
 DILATION OF SURFACE CAPILLARIES
 STUPOR
 COMA

MEDULLA

AFFECTED BY 0.40-0.50% ALCOHOL

DEPRESSION OF RESPIRATION
 PERIPHERAL COLLAPSE
 SUBNORMAL TEMPERATURE
 DEATH

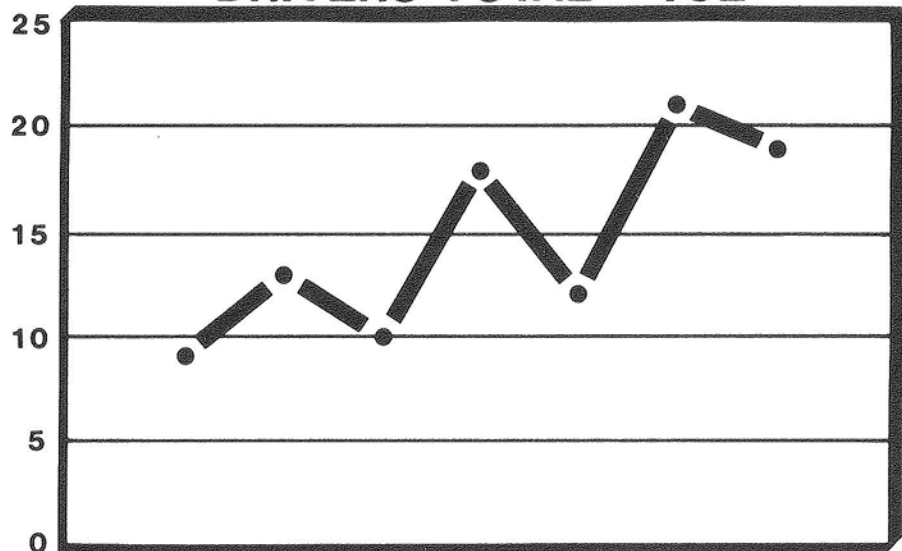
ALCOHOL EFFECTS ON BRAIN DEMONSTRATED PICTORIALLY



VEHICULAR FATALITIES

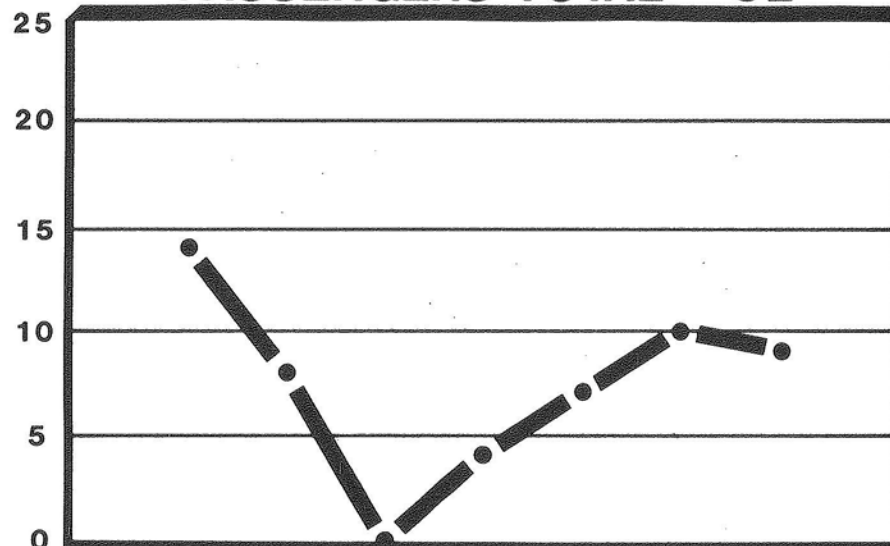
DAILY INCIDENCE

DRIVERS TOTAL - 102*



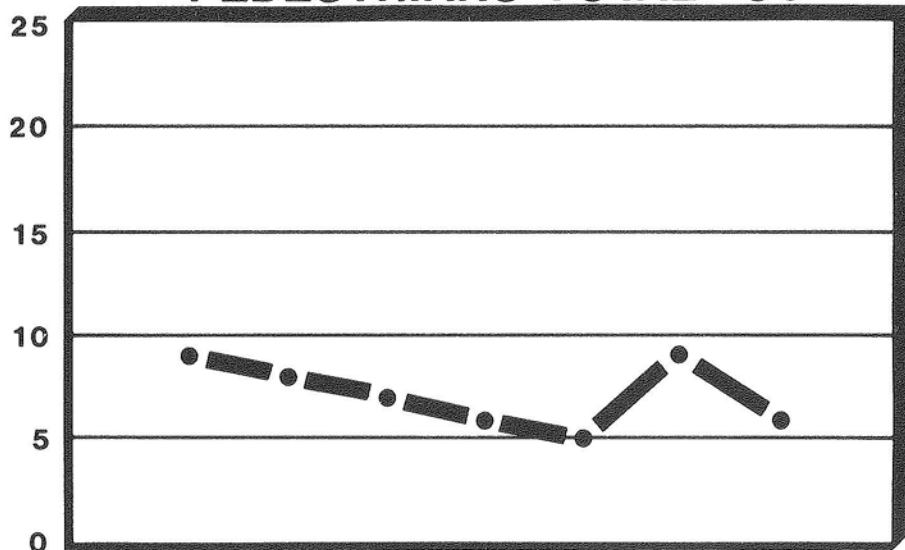
SUN. MON. TUES. WED. THUR. FRI. SAT.

PASSENGERS TOTAL - 52**



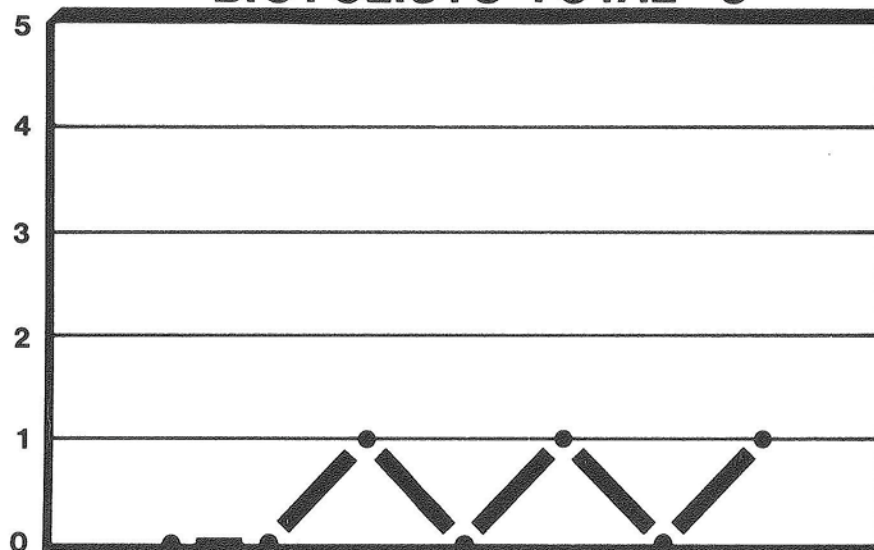
SUN. MON. TUES. WED. THUR. FRI. SAT.

PEDESTRIANS TOTAL - 50



SUN. MON. TUES. WED. THUR. FRI. SAT.

BICYCLISTS TOTAL - 3

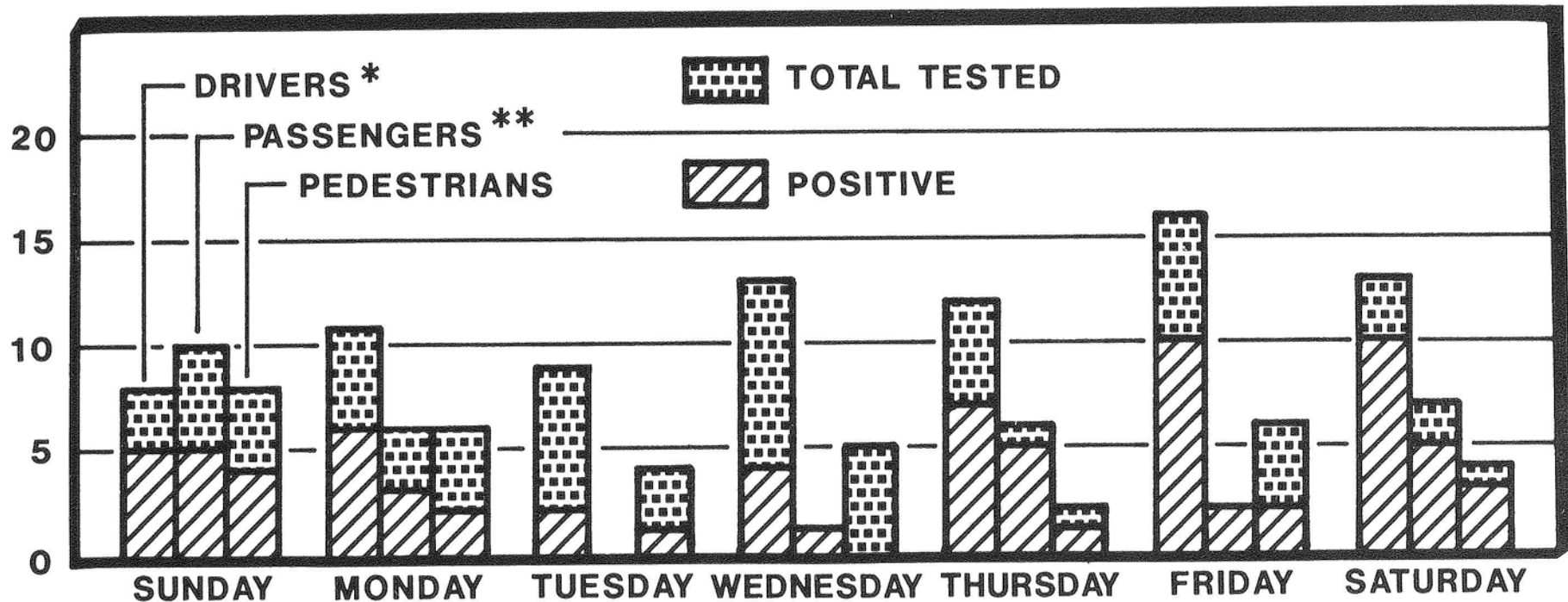


SUN. MON. TUES. WED. THUR. FRI. SAT.

* Includes 22 Motorcyclists

**Includes 3 Motorcycle Passengers

VEHICULAR FATALITIES DAILY ALCOHOL INCIDENCE



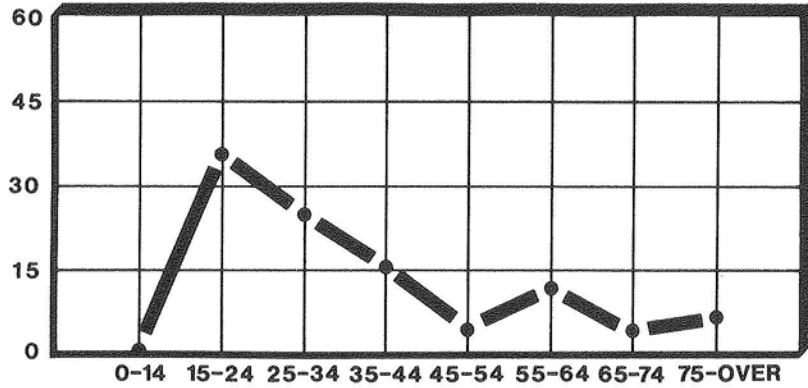
*INCLUDES 22 MOTORCYCLE DRIVERS
 *INCLUDES 3 BICYCLE DRIVERS
 **INCLUDES 4 MOTORCYCLE PASSENGERS

	TESTED	POSITIVE
DRIVERS:	82	44
PASSENGERS:	32	21
PEDESTRIANS:	35	13
TOTAL:	149	78

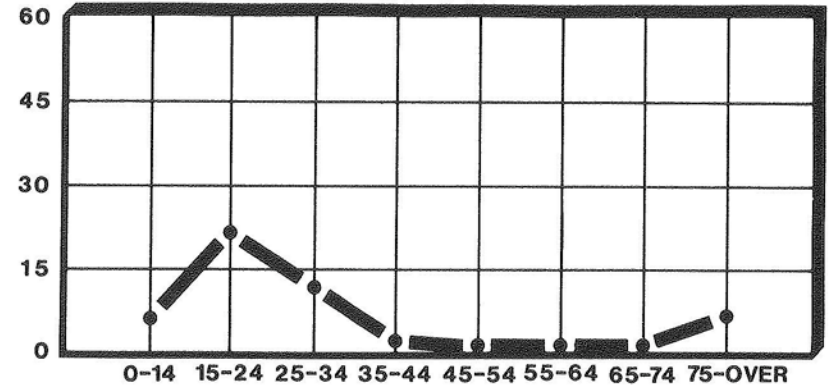
VEHICULAR FATALITIES

AGE GROUPS-CLASSIFICATION OF VICTIMS

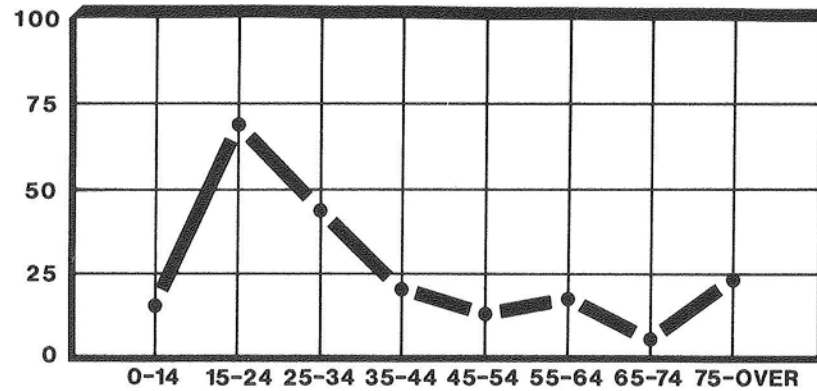
DRIVERS



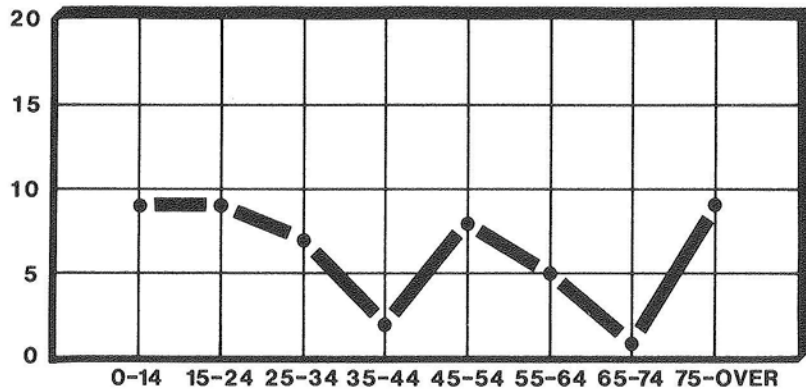
PASSENGERS



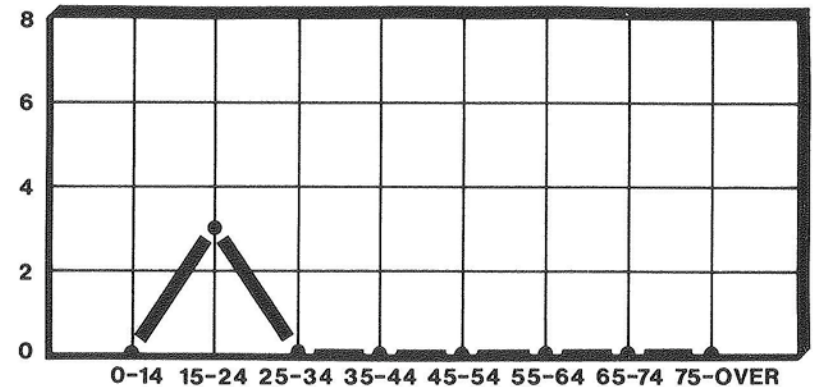
TOTAL



PEDESTRIANS



BICYCLISTS



VEHICULAR FATALITIES

CLASSIFICATION OF VICTIMS-ALCOHOL INCIDENCE

TABLE 33

CLASSIFICATION	TOTAL	NOT TESTED										TESTED						STAGES																					
		Total		Cleve.		County		Out of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
BICYCLIST	3	3		1		1		1				1	1							2	2																		
DRIVER*	102	79	23	35	5	30	12	14	5		1	17	5	16	5		1		62	18	24	12	38	6	2		9	1	6	1	6	2	9	1	3	1	3		
PASSENGER**	52	24	28	8	9	14	12	2	7			11	9	7	7	4	1	1	13	19	3	8	10	11	1	2	1	1	3	3	2	2	2	2		1	1		
PEDESTRIAN	50	35	15	25	10	6	4	3	1	1		11	4	7	3	4	1		24	11	13	9	11	2	1	1	2	1	2		1		3		1		1		
TOTAL	207	141	66	69	24	51	28	20	13	1	1	40	18	31	15	8	2	1	1	101	48	42	29	59	19	4	3	12	3	11	4	9	4	14	3	4	2	5	

* Drivers include 22 Motorcyclists
 ** Passengers include 4 Motorcycle Passengers

MONTHLY ALCOHOL INCIDENCE

TABLE 34

MONTH	TOTAL	NOT TESTED										TESTED						STAGES																					
		Total		Cleve.		County		Out of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
JANUARY	13	9	4	6	1	2	2	1	1			4	4					5	4		1	5	3	2		1			1		1		1	1		1			
FEBRUARY	9	7	2	2	1	4	1	1				4	2		2			3	2		2	3					2		1										
MARCH	8	2	6	2	4		2						2		2			2	4	2	3		1						1										
APRIL	15	8	7	3	1	4	2	1	4			3	3	2	2	1	1		5	4	3	2	2	2		1			1	1	1								
MAY	15	8	7	4	2	1	4	2	1	1		4	3	3	3		1		4	4	2	1	2	3		1	1		1			1	1						
JUNE	29	22	7	13	2	8	3	1	2			5	3	4	3	1			17	4	4	3	13	1		3	1	3		2	3		1		1		1		
JULY	25	21	4	13		5	4	3				7		6		1			14	4	7	3	7	1		1		2	3	1	1								
AUGUST	21	16	5	9	1	3	1	4	2		1	4	1	2	1	2			12	4	8	4	4			2		1			1			1					
SEPTEMBER	20	13	7	6		6	6	1	1				1		1				13	6	6	4	7	2	1		2		1	1		1	3						
OCTOBER	17	14	3	5	1	5	1	4	1			5	2	5	1		1		9	1	4		5	1		1			1			1			1		2		
NOVEMBER	16	10	6	4	4	5	1	1	1			2	3	2	2			1	8	3	2	1	6	2	1		2	1			1	2		1					
DECEMBER	19	11	8	2	7	8	1	1				2		1		1			9	8	4	5	5	3		1				1		3			2	1			
TOTAL	207	141	66	69	24	51	28	20	13	1	1	40	18	31	15	8	2	1	1	101	48	42	29	59	19	4	3	12	3	11	4	9	4	14	3	4	2	5	

VEHICULAR FATALITIES

DAILY ALCOHOL INCIDENCE

TABLE 35

DAY	TOTAL	NOT TESTED										TESTED						STAGES													
		Total		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
SUNDAY	32	21	11	4	2	2	2	1		1		17	9	6	6	11	3	1				1	2	4		2		1	1	2	
MONDAY	29	16	13	3	3	2	3	1				13	10	7	5	6	5			3	2	2	1		2	1					
TUESDAY	18	12	6	4	1	3		1	1			8	5	5	5	3		1		1					1						
WEDNESDAY	28	17	11	6	3	5	3	1				11	8	8	6	3	2			1		2	1		1						
THURSDAY	25	20	5	5		4		1				15	5	4	3	11	2			2		3		1		3	2	1		1	
FRIDAY	40	31	9	11	5	9	4	2			1	20	4	8	2	12	2	2			1	2		1		3	1	2		2	
SATURDAY	35	24	11	7	4	6	3	1	1			17	7	4	2	13	5		3	5		1		3	1	4			1		
TOTAL	207	141	66	40	18	31	15	8	2	1	1	101	48	42	29	59	19	4	3	12	3	11	4	9	4	14	3	4	2	5	

VEHICULAR FATALITIES

AGE-RACE-ALCOHOL INCIDENCE

TABLE 36

AGE	RACE	TOTAL	NOT TESTED												TESTED						STAGES											
			Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over			
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 Year	White																															
	Non-White																															
1 - 4	White	9	8	1	8	1	2		6	1																						
	Non-White	2	1	1	1	1			1	1																						
5 - 9	White	1	1		1				1																							
	Non-White	1	1		1		1																									
10 - 14	White	1		1		1		1																								
	Non-White	1	1		1		1																									
15 - 19	White	25	15	10	6	4	6	4				9	6	4	2	5	4		1		3	1	1	2		1						
	Non-White	4	3	1		1		1				3		2		1			1													
20 - 24	White	30	25	5	2		1			1		23	5	10	2	13	3	1	4	1	1	1	3		2	1	1		1			
	Non-White	10	5	5	1	1	1	1				4	4	1	2	3	2	1		1	1				1			1				
25 - 29	White	21	16	5	1	3	1	2			1	15	2	2	2	13			2		1	3		5		1		1				
	Non-White	7	3	4		2		2				3	2	1	2	2	2		1	1		1						1				
30 - 34	White	11	9	2	2		2					7	2	3	1	4	1			1	1		1		1			1				
	Non-White	4	3	1	2		2					1	1	1		1											1					
35 - 39	White	7	6	1								6	1	2		4	1		1		2				1	1						
	Non-White	4	3	1	1		1					2	1	2		1							1									
40 - 44	White	6	4	2	1	1	1	1				3	1	1		2	1						1	1					1			
	Non-White	3	2	1								2	1	2		1		1														
45 - 49	White	2	2									2			2						1						1					
	Non-White	4	3	1	1		1					2	1		1	2			1					1								
50 - 54	White	6	3	3	1		1					2	3	1	2	1	1		1			1										
	Non-White	1	1									1			1							1										
55 - 59	White	11	8	3	3		3					5	3	3	2	2	1				1			1		1						
	Non-White	1		1									1		1																	
60 - 64	White	5	4	1	1		1					3	1	1	1	2		1			1											
	Non-White	1	1									1		1																		
65 - 69	White	3	1	2	1		1					2		2																		
	Non-White	1		1								1		1																		
70 - 74	White	2	1	1								1	1	1	1																	
	Non-White																															
75 - 79	White	9	4	5	2	1	2	1				2	4	1	4	1		1														
	Non-White	3	2	1								2	1	1	1	1								1								
80 - over	White	11	5	6	3	2	3	2				2	4	2	4																	
	Non-White																															
TOTAL	White	160	112	48	32	13	24	11	7	1	1	80	35	31	23	49	12	3	1	8	2	11	3	8	3	11	3	4	4			
	Non-White	47	29	18	8	5	7	4	1	1		21	13	11	6	10	7	1	2	4	1		1	1	1	3		2	1			
GRAND TOTAL		207	141	66	40	18	31	15	8	2	1	101	48	42	29	59	19	4	3	12	3	11	4	9	4	14	3	4	2	5		

VEHICULAR FATALITIES

TRAFFIC-COLLISION-ALCOHOL INCIDENCE

TABLE 39

TYPE	TOTAL	NOT TESTED												TESTED						STAGES																		
		Total		Cleve.		County		Out of County		Turn-pike		Total	Surv'd Too Long		Under Age		Other	Total	Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
PEDESTRIAN																																						
Auto	40	26	14	17	10	6	3	3	1			9	3	6	2	3	1			17	11	10	9	7	2	1	1	1	1	1	1	2	1					
Motorcycle	1	1		1								1	1	1																								
Truck	9	8	1	7			1			1		1	1	1	1				7		3		4				1		1					1				
AUTO-AUTO																																						
Driver	23	12	11	4	3	5	6	3	2			6	2	6	2				6	9	3	7	3	2	1			1	1		1			1				
Passenger	16	6	10	2	6	4	4					4	2	2	1	2		1	2	8	1	4	1	4	1					1		1	1		1			
AUTO-BICYCLE																																						
Bicyclist	1	1		1															1		1																	
AUTO-BUS																																						
Driver	1		1				1												1															1				
AUTO-FIXED OBJECT																																						
Driver	36	29	7	9	2	14	4	6	1			3	2	3	2				26	5	9	2	17	3			3		2	1	3	1	8		1			
Passenger	12	4	8	1	2	2	4	1	2			1	2	1	2				3	6	1	2	2	4	1	1			1	1		2						
AUTO-MOTORCYCLE																																						
Motorcyclist	10	10		7		1		2				4		3			1		6		3		3		1		2											
Passenger	2	1	1			1		1				1	1						1	1		1	1				1											
AUTO-TRAIN																																						
Passenger	2	1	1			1	1												1	1			1	1				1					1					
AUTO-TRUCK																																						
Driver	8	6	2	4		2			1		1								6	2	2	2	4				2					1		1				
Passenger	11	6	5	3		2	3	1	2			5	3	3	2	2	1		1	2		1	1	1		1	1											
BICYCLE-FIXED OBJECT																																						
Bicyclist	1	1				1						1		1																								
BICYCLE-TRUCK																																						
Bicyclist	1	1						1											1		1																	
MOTORCYCLE-BUS																																						
Motorcyclist	1	1		1															1				1															
MOTORCYCLE-FIXED OBJECT																																						
Motorcyclist	8	8		3		4		1				1		1					7		2		5			1					3			1				
MOTORCYCLE-MOTORCYCLE																																						
Passenger	1		1					1					1		1																							
MOTORCYCLE-TRUCK																																						
Motorcyclist	1	1		1															1				1			1												
TRUCK-FIXED OBJECT																																						
Driver	3	3		1		2													3		2		1												1			
Passenger	2	1	1	1	1														1	1			1	1									1					
TRUCK-TRAIN																																						
Driver	1	1						1				1		1																								
TRUCK-TRUCK																																						
Driver	2	2		1		1						1		1					1		1																	
TOTAL	193	130	63	64	24	46	27	19	11	1	1	38	16	29	13	8	2	1	1	92	47	39	28	53	19	4	3	11	3	10	4	7	4	14	3	4	2	3

VEHICULAR FATALITIES

TRAFFIC-COLLISION-ALCOHOL INCIDENCE

ALL DRIVERS

TABLE 39A

TYPE	TOTAL	NOT TESTED												TESTED						STAGES																				
		Total		Cleve.		County		Out of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
AUTO-AUTO Driver	23	12	11	4	3	5	6	3	2			6	2	6	2					6	9	3	7	3	2	1			1	1			1							1
AUTO-BICYCLE Bicyclist	1	1		1																1		1																		
AUTO-BUS Driver	1		1				1													1				1																
AUTO-FIXED OBJECT Driver	36	29	7	9	2	14	4	6	1			3	2	3	2					26	5	9	2	17	3		3		2	1	3	1	8			1	1			
AUTO-MOTORCYCLE Motorcyclist	10	10		7		1		2				4		3			1			6		3		3		1		2												
AUTO-TRUCK Driver	8	6	2	4		2			1		1									6	2	2	2	4				2				1		1						
BICYCLE-FIXED OBJECT Bicyclist	1	1				1						1		1																										
BICYCLE-TRUCK Bicyclist	1	1						1												1		1																		
MOTORCYCLE-BUS Motorcyclist	1	1		1																1			1				1													
MOTORCYCLE-FIXED OBJECT Motorcyclist	8	8		3		4		1				1		1						7		2		5			1				3				1					
MOTORCYCLE-TRUCK Motorcyclist	1	1		1																1			1				1													
TRUCK-FIXED OBJECT Driver	3	3		1		2														3		2		1													1			
TRUCK-TRAIN Driver	1	1						1				1		1																										
TRUCK-TRUCK Driver	2	2		1		1						1		1						1		1																		
TOTAL	97	76	21	32	5	30	11	14	4	1	17	4	16	4	1	59	17	24	11	35	6	2	8	1	5	1	6	2	9	1	3	1	2	1	2	1	2			

VEHICULAR FATALITIES

TRAFFIC-COLLISION-ALCOHOL INCIDENCE

PEDESTRIANS

TABLE 39B

TYPE	TOTAL	NOT TESTED										TESTED						STAGES																							
		Total		Cleve.		County		Out of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
<u>PEDESTRIAN:</u>																																									
Auto	40	26	14	17	10	6	3	3	1			9	3	6	2	3	1			17	11	10	9	7	2	1	1	1	1	1					1		2		1		
Motorcycle	1	1		1								1		1																											
Truck	9	8	1	7				1				1	1		1	1				7		3		4						1		1								1	
TOTAL	50	35	15	25	10	6	4	3	1	1		11	4	7	3	4	1			24	11	13	9	11	2	1	1	2	1	1	2		1		3		1		1		

TRAFFIC-COLLISION-ALCOHOL INCIDENCE

PASSENGER

TABLE 39C

TYPE	TOTAL	NOT TESTED										TESTED						STAGES																								
		Total		Cleve.		County		Out of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over				
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
<u>PASSENGER:</u>																																										
Auto-Auto	16	6	10	2	6	4	4					4	2	2	1	2		1		2	8	1	4	1	4		1												1			
Auto-Fixed Object	12	4	8	1	2	2	4	1	2			1	2	1	2					3	6	1	2	2	4	1	1									1	1		2			
Auto-Motorcycle	2	1	1			1			1											1	1		1	1																		
Auto-Train	2	1	1			1	1													1	1			1	1																	
Auto-Truck	11	6	5	3		2	3	1	2			5	3	3	2	2	1			1	2		1	1	1				1	1												
Motorcycle-Motorcycle	1		1						1			1		1																												
Truck-Fixed Object	2	1	1	1	1															1	1			1	1														1		1	
TOTAL	46	19	27	7	9	10	12	2	6			10	8	6	6	4	1	1		9	19	2	8	7	11	1	2	1	1	3	3		2	2	2		1					

VEHICULAR FATALITIES

TRAFFIC-NON-COLLISION-ALCOHOL INCIDENCE

TABLE 40

TYPE	TOTAL	NOT TESTED										TESTED						STAGES																						
		Total		Cleve.		County		Out of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Fall from moving vehicle																																								
Auto-Passenger	2	2				2														2		1		1															1	
Motorcycle-Passenger	1		1							1				1		1																								
Truck-Passenger	1	1				1							1		1																									
Overcome by exhaust fumes																																								
Auto-Driver	1	1		1																1		1																		
Ran off roadway																																								
Truck-Passenger	1	1				1														1																				
Vehicle overturned																																								
Auto-Driver	2	2		1		1														2		2				1		1												
Auto-Passenger	1	1		1																1		1								1										
Motorcycle-Motorcyclist	2	2		1				1					1		1					1		1																		
Truck-Driver	2	1	1	1				1					1		1					1		1																1		
TOTAL	13	11	2	5		5		1	2			2	2	2	2				9		3		6			1		1		2						2				

VEHICULAR FATALITIES WHILE AT WORK

TRAFFIC AND NON-TRAFFIC-MONTHLY ALCOHOL INCIDENCE

TABLE 41

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

VEHICULAR FATALITIES

WEATHER CONDITIONS-ALCOHOL INCIDENCE

TABLE 42

WEATHER	TOTAL	NOT TESTED										TESTED						STAGES																					
		Total		Cleve.		County		Out of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
CLEAR	172	118	54	59	18	41	24	17	11	1	1	35	18	26	15	8	2	1	1	83	36	34	23	49	13	3	2	10		9	4	7	3	13	3	2	1	5	
CLOUDY	5	4	1	2	1		1	1				2		2						2	1	1		1	1														
RAIN	24	16	8	7	5	7	3	2				3		3						13	8	4	4	9	4	1		2	3	2		2		1		1	1		
SNOW	1	1				1														1		1																	
UNKNOWN	5	2	3	1	1	1	1		1											2	3	2	2		1		1												
TOTAL	207	141	66	69	24	51	28	20	13	1	1	40	18	31	15	8	2	1	1	101	48	42	29	59	19	4	3	12	3	11	4	9	4	14	3	4	2	5	

VEHICULAR FATALITIES

ROAD CONDITIONS-ALCOHOL INCIDENCE

TABLE 43

ROAD	TOTAL	NOT TESTED										TESTED						STAGES																					
		Total		Cleve.		County		Out of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
DRY	157	112	45	55	13	39	22	17	9	1	1	35	14	27	11	7	2	1	1	77	31	31	19	46	12	2	2	10		9	3	6	3	13	3	2	1	4	
ICE	4	1	3		2	1	1						1		1					1	2	1	2																
SNOW	3	2	1	1				1	1			1		1						1	1	1		1								1							
WET	39	25	14	12	8	11	4	2	2			4	3	3	3	1				21	11	8	6	13	5	2		2	3	2	1	3		1		2	1	1	
UNKNOWN	4	1	3	1	1		1		1											1	3	1	2		1		1												
TOTAL	207	141	66	69	24	51	28	20	13	1	1	40	18	31	15	8	2	1	1	101	48	42	29	59	19	4	3	12	3	11	4	9	4	14	3	4	2	5	

LIGHT CONDITIONS-ALCOHOL INCIDENCE

TABLE 44

LIGHT	TOTAL	NOT TESTED										TESTED						STAGES																					
		Total		Cleve.		County		Out of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
DAY	78	50	28	25	7	17	14	7	6	1	1	23	8	17	7	5	1	1		27	20	19	19	8	1		2		1	1	1		2					2	
DUSK	3	2	1		1			2					1						1	2		1	1								1								
NIGHT WITH STREET LIGHTS	97	70	27	40	15	25	9	5	3			15	6	12	5	3	1			55	21	13	6	42	15	3	2	9	3	8	2	6	3	11	3	3	2	2	
NIGHT WITH-OUT STREET LIGHTS	24	17	7	3		8	4	6	3			2	3	2	3					15	4	8	2	7	2	1		1		1	1	1	1	1		1		1	
UNKNOWN	5	2	3	1	1	1	1		1											2	3	1	2	1	1		1												
TOTAL	207	141	66	69	24	51	28	20	13	1	1	40	18	31	15	8	2	1	1	101	48	42	29	59	19	4	3	12	3	11	4	9	4	14	3	4	2	5	

VEHICULAR FATALITIES

CLASSIFICATION OF VICTIMS-AGE GROUPS

TABLE 45

CLASSIFICATION	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
BICYCLIST									3																													3		3
DRIVER									6	3	9	5	10	1	4	2	5	2	6	1	2	1		1	6	2	3		1	1	1	1	2	2	2	1	57	23	80	
CYCLIST DRIVER									2		10		3		4		2							1														22		22
PASSENGER			4	1	1				5	7	6	3	2	5	1	1			2	1				1					1				1	2	2	2	23	25	48	
PEDESTRIAN			5	1	1		1	1	1	1	5	2	4		3		2			2		4	2	1	1	2	1		1			3	2	1	3	35	15	50		
CYCLIST PASSENGER									1					3																							1	3	4	
TOTAL			9	2	2		1	1	18	11	30	10	19	9	12	3	9	2	6	3	5	1	4	3	8	4	5	1	1	3	1	1	6	6	5	6	141	66	207	

MONTH AND AGE GROUPS

TABLE 46

MONTH	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
JANUARY									1		1	1			1			2	1		2			2	1	1												9	4	13
FEBRUARY			2													2						2						1	1	1								7	2	9
MARCH									2		1								1	1				1							1							2	6	8
APRIL			2	1				1	2			1		1	1				1	1									1				1	1	1			8	7	15
MAY									2		3	2	2	2											1							1	1					8	7	15
JUNE			1				1		4	2	5	1	1	1	3	1	2		1					1		1						1	2	1			22	7	29	
JULY			2		1				3	2	4		5		2		1						1	1						1	2						21	4	25	
AUGUST			2						3	1	6	1	1	1	1				1		1		1										1	1			16	5	21	
SEPTEMBER									1	3	5		2	1	1						1			1	1	2					1	1					13	7	20	
OCTOBER				1					2		2		3	1	1		1		1		1			1	1	1					1						14	3	17	
NOVEMBER									1	4	2	1	2			1				1				1							1	1	1				10	6	16	
DECEMBER					1						1	4		2	2	2			1				2		1			1						2			11	8	19	
TOTAL			9	2	2		1	1	18	11	30	10	19	9	12	3	9	2	6	3	5	1	4	3	8	4	5	1	1	3	1	1	6	6	5	6	141	66	207	

AUTOPSIES-VEHICULAR FATALITIES

MONTH AND AGE GROUPS

TABLE 47

MONTH	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
JANUARY									1		1	1					2	1		3		1		2	1	1											10	4	14
FEBRUARY			2												1	1						2				1	1	1									7	2	9
MARCH								1	1		1					1		1	1						1												4	4	8
APRIL			1	1				2	1		1		1	1				1	1								1			1	1	1	1			7	7	14	
MAY			1				1	1		3	2	3	1												1							1	1			8	7	15	
JUNE			1			1		5	2	5	1	1	1	3	1	2		1								1						2				20	7	27	
JULY			2		1			1	2	2		5		2		1							1	2					1	1			2	1		19	5	24	
AUGUST			2					4	1	6	1	1	1				1		1			1							2			1	1			18	5	23	
SEPTEMBER								1	3	6		2	1	2							1			1	1	2					1	1				15	7	22	
OCTOBER				1						2		3		1		1		2		1			1	1						1						12	2	14	
NOVEMBER								2	1	4	1	1	2			1			1					1		1				1	1					12	5	17	
DECEMBER					1						2	4	1	2	2	2			1				2			1							1	2		12	10	22	
TOTAL			9	2	2		1	1	18	11	29	10	20	8	12	3	9	2	7	3	6	1	5	3	8	4	5	1	1	3	1	1	6	6	5	6	144	65	209

VEHICULAR FATALITIES

MAJOR INJURY AND SURVIVAL INTERVAL

TABLE 48

MAJOR INJURY	BICYCLIST					DRIVER**					PASSENGER***					PEDESTRIAN					TOTAL									
	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						
<u>To Brain:</u>																														
With Fracture of Skull only	2		1		1	18	3	5	2	3	5	16	4	4		4	4	6		3		3		42	7	13	2	10	10	
With Fracture of Skull and Body Fractures						3		2		1							4	2	2					7	2	4			1	
Without Fracture of Skull						4				1	3	2				1	1	1				1	7				2	5		
TOTAL	2		1		1	25	3	7	2	4	9	18	4	4		5	5	11	2	5		3	1	56	9	17	2	12	16	
<u>To Spinal Cord:</u>																														
With Fracture of Vertebra	1		1			4	1			1	2													5	1	1		1	2	
TOTAL	1		1			4	1			1	2													5	1	1		1	2	
<u>To Chest:</u>																														
With Fracture of Thoracic Cage						9	1	7			1	5	2	2		1		3	1	2					17	4	11		1	1
Without Fracture of Thoracic Cage						5	3	2																5	3	2				
TOTAL						14	4	9			1	5	2	2		1		3	1	2				22	7	13		1	1	
<u>To Extremities:</u>																														
TOTAL						2				2		1					1	2		1			1	5		1			4	
<u>Multiple Injuries:</u>																														
To Head and Trunk						17	8	7		2		11	3	6			2	13	3	7		3		41	14	20		5	2	
To Head, Trunk and Extremities						20	8	9		2	1	9	5	3			1	16	5	6		4	1	45	18	18		6	3	
To Trunk						14	4	7		1	2	5	1	4				3		3				22	5	14		1	2	
To Trunk and Extremities						1					1	3		1		1	1	2		2				6		3		1	2	
TOTAL						52	20	23		5	4	28	9	14		1	4	34	8	18		7	1	114	37	55		13	9	
<u>Miscellaneous Injuries:</u>																														
TOTAL						5	2	2		1														5	2	2		1		
GRAND TOTAL	3		2		1	102	30	41	2	11	18	52	15	20		7	10	50	11	26		10	3	207	56	89	2	28	32	

* DOA - Dead on arrival at hospital
 ** Includes 22 motorcyclists
 *** Includes 4 motorcycle passengers

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.

VEHICULAR FATALITIES

MAJOR INJURY AND SURVIVAL INTERVAL-AGE GROUPS

TABLE 49

AGE	BRAIN					SPINAL CORD					CHEST					ABDOMEN					EXTREMITIES					MULTIPLE INJURIES					MISCELLANEOUS					TOTAL							
	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	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	
1 - 4	5		4		1							1		1											5	1	3		1								11	1	8		2		
5 - 9	2		1		1																																	2		1		1	
10 - 14																									2												2				2		
15 - 19	10	1	1		2	6	1				1		1						1						15	5	7		1	2		1				1		29	6	10		4	9
20 - 24	15	5	5	1	2	2	2				1	1	4	1	3										19	8	10		1							1		40	14	18	1	4	3
25 - 29	8	2	2	1	2	1	1	1					6	3	3				1						12	3	8		1								28	9	13	1	3	2	
30 - 34	3				1	2						1	1												11	3	5		2	1							15	4	5		3	3	
35 - 39	3		1		1	1																			7	3	3		1		1		1		1		11	3	5		2	1	
40 - 44	1				1							2	1	1											4	2	1			1	2		1	1	1		9	4	3		1	1	
45 - 49												1	1												4	2	1		1		1	1					6	4	1		1		
50 - 54	2	1	1																						5	1	3		1								7	2	4		1		
55 - 59	1		1									2		1			1			1					8	2	4		1	1							12	2	6		1	3	
60 - 64	1					1						1		1											4	1	2		1							6	1	3		1	1		
65 - 69	1					1						1		1						1					1	1	1									4	1	1			2		
70 - 74																									2	1	1									2	1	1					
75 - 79	4		1		1	2																			8	3	4			1						12	3	5		1	3		
80-over							1				1	2		1		1				1		1			7	1	3			3					11	1	5		1	4			
TOTAL	56	9	17	2	12	16	5	1	1	1	2	22	7	13		1	1			5		1		4	114	37	55		13	9	5	2	2	1	207	56	89	2	28	32			

VEHICULAR FATALITIES

MAJOR INJURY AND SURVIVAL INTERVAL-AGE GROUPS

DRIVERS

TABLE 50

AGE	BRAIN					SPINAL CORD					CHEST				ABDOMEN				EXTREMITIES				MULTIPLE INJURIES				MISCELLANEOUS				TOTAL																						
	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	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																	
15 - 19	3					3						1	1																							6	1	3		1	1	1			11	1	4		2	4			
20 - 24	9	2	4	1		2	2				1	1	2	1	1																					11	5	6						24	8	11	1	1	3				
25 - 29	5	1	2	1	1		1	1					3	1	2																					5	2	2		1				14	5	6	1	2					
30 - 34	3				1	2							1	1																						6	2	2		1	1			10	3	2		2	3				
35 - 39	3		1		1	1																													5	3	2			1		1		9	3	4		1	1				
40 - 44	1				1								1	1																				3	2			1	2	1	1		7	3	2		1	1					
45 - 49												1	1																					1	1			1	1			3	3										
50 - 54																																		1		1						1		1									
55 - 59												2	1					1																1		6	2	2		2				9	2	3		2	2				
60 - 64												1	1																					2	1	1						3	1	2									
65 - 69												1	1																					1								2		1			1						
70 - 74																																		2	1	1						2	1	1									
75 - 79	1					1																												3		2		1				4		2			2						
80-over						1					1	1	1	1																			1		1						3		2			1							
TOTAL	25	3	7	2	4	9	4	1		1	2	14	4	9																			2					2	52	20	23	5	4	5	2	2	1	102	30	41	2	11	18

VEHICULAR FATALITIES

MAJOR INJURY AND SURVIVAL INTERVAL-AGE GROUPS

PASSENGER

TABLE 51

AGE	BRAIN					SPINAL CORD					CHEST					ABDOMEN					EXTREMITIES					MULTIPLE INJURIES					MISCELLANEOUS					TOTAL				
	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	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				
1 - 4	3		2		1														2		2													5	4	1				
5 - 9	1		1																																1	1				
10 - 14																																				0				
15 - 19	5	1			2	2													8	4	3			1											13	5	3	2	3	
20 - 24	4	2	1		1						1	1							4	1	3														9	3	5	1		
25 - 29	3	1			1	1					2	1	1					1	4	1	3														10	3	4	1	2	
30 - 34																			2	1				1											2	1		1		
35 - 39																																				0				
40 - 44							1	1											1		1														2	1	1			
45 - 49																			1				1												1			1		
50 - 54																																			0					
55 - 59																			1		1														1		1			
60 - 64																																			0					
65 - 69	1					1																													1				1	
70 - 74																																			0					
75 - 79	1					1													2	2														3	2			1		
80-over							1			1									3		1		2											4		1	1	2		
TOTAL	18	4	4		5	5					5	2	2		1				1															52	15	20		7	10	

VEHICULAR FATALITIES

MAJOR INJURY AND SURVIVAL INTERVAL-AGE GROUPS

PEDESTRIAN

TABLE 52

AGE	BRAIN					SPINAL CORD					CHEST					ABDOMEN					EXTREMITIES					MULTIPLE INJURIES					MISCELLANEOUS					TOTAL				
	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	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				
1 - 4	2		2				1					1												3	1	1							6	1	4		1			
5 - 9	1				1																													1			1			
10 - 14																								2			2						2			2				
15 - 19																		1						1	1		1					2		1		1				
20 - 24	2	1			1		1		1															4	2	1		1				7	3	2		2				
25 - 29							1	1																3		3						4	1	3						
30 - 34																								3		3						3		3						
35 - 39																								2		1		1				2		1		1				
40 - 44																																0								
45 - 49																								2	1	1						2	1	1						
50 - 54	2	1	1																					4	1	2		1				6	2	3		1				
55 - 59	1		1																					1		1						2		2						
60 - 64	1					1																		2		1		1				3		1		1	1			
65 - 69																								1	1							1	1							
70 - 74																																0								
75 - 79	2		1		1																			3	1	2						5	1	3		1				
80-over																		1	1					3	1	1		1				4	1	2		1				
TOTAL	11	2	5	3	1		3	1	2								2	1					1	34	8	18	7	1				50	11	26	10	3				

VEHICULAR FATALITIES

MAJOR INJURY AND SURVIVAL INTERVAL-AGE GROUPS

BICYCLIST

TABLE 53

AGE	BRAIN					TOTAL						
	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
15 - 19	3		2			1	3		2			1
TOTAL	3		2			1	3		2			1

VEHICULAR FATALITIES

GEOGRAPHICAL LOCATION-TYPE OF ACCIDENT CLASSIFICATION OF VICTIMS

TABLE 54 cont.

CITIES	AUTO						BICY.	MOTORCYCLE				TRUCK				NON-COLLISION			TOTALS				GRAND TOTAL												
	AUTO		BICYCLE		BUS		FIXED OBJECT	MOTORCYCLE		PEDESTRIAN		TRUCK		TRUCK		FIXED OBJECT	PEDESTRIAN	AUTO	MOTORCYCLE	TRUCK	DRIVER	PASSENGER		PEDESTRIAN		BICYCLIST									
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F						
<u>Lakewood</u>																																			
Motorcyclist																																			
Passenger																																			
Pedestrian																																			
<u>Mayfield Heights</u>																																			
Driver																																			
<u>Middleburg Heights</u>																																			
Motorcyclist																																			
Passenger																																			
<u>North Olmsted</u>																																			
Passenger																																			
<u>North Royalton</u>																																			
Driver																																			
Passenger																																			
<u>Parma</u>																																			
Bicyclist																																			
Driver																																			
<u>Parma Heights</u>																																			
Driver																																			
Pedestrian																																			
<u>Rocky River</u>																																			
Driver																																			
<u>Shaker Heights</u>																																			
Driver																																			
Passenger																																			
<u>Solon</u>																																			
Motorcyclist																																			
<u>South Euclid</u>																																			
Driver																																			
<u>Strongsville</u>																																			
Passenger																																			
<u>Warrensville Heights</u>																																			
Passenger																																			
Pedestrian																																			
<u>Westlake</u>																																			
Driver																																			
TOTAL	12	18	1		1	25	8	8		23	13	9	2	1	1	1	7	1	1	2	4	1	7	1	6	1	3	62	14	17	7	31	23	2	156

VEHICULAR FATALITIES

GEOGRAPHICAL LOCATION-TYPE OF ACCIDENT CLASSIFICATION OF VICTIMS

TABLE 55

VILLAGES, TOWNSHIPS AND TURNPIKES	AUTO										TRUCK		TOTAL						GRAND TOTAL
	AUTO		FIXED OBJECT		MOTORCYCLE		TRAIN		TRUCK		PEDESTRIAN		DRIVER		PASSENGER		PEDESTRIAN		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
VILLAGES:																			
Brooklyn Heights Passenger	2														2				2
Cuyahoga Heights Passenger									1						1				1
Gates Mills Passenger										1						1			1
Hunting Valley Driver				1										1					1
Passenger				1												1			1
Mayfield Driver				1										1					1
Passenger				1												1			1
Moreland Hills Motorcyclist					1								1						1
Passenger									1						1				1
Valley View Driver			1										1						1
TOWNSHIPS:																			
Olmsted Passenger				1			1	1							1	2			3
Warrensville Driver	1	1											1	1					2
TURNPIKE:																			
Driver									1					1					1
Pedestrian											1						1		1
TOTAL	3	1	1	5	1		1	1	2	2	1		3	4	5	5	1		18

VEHICULAR FATALITIES
GEOGRAPHICAL LOCATION-TYPE OF ACCIDENT
CLASSIFICATION OF VICTIMS

TABLE 56

OUT OF COUNTY	AUTO					MOTORCYCLE				TRUCK				NON-COLLISION				TOTAL								GRAND TOTAL					
	AUTO		FIXED OBJECT		MOTORCYCLE		PEDESTRIAN		TRUCK		FIXED OBJECT		MOTORCYCLE		BICYCLE		TRAIN		MOTORCYCLE		TRUCK		BICYCLIST		DRIVER		PASSENGER		PEDESTRIAN		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		F	M	F	M	F
BICYCLIST														1									1							1	
DRIVER	3	2	6	1					1							1						1			10	5				15	
MOTORCYCLIST					2						1									1					4				4		
PASSENGER ON MOTORCYCLE						1							1							1							3		3		
PASSENGER			1	2					1	2																2	4		6		
PEDESTRIAN							3	1																				3	1	4	
TOTAL	3	2	7	3	2	1	3	1	1	3	1			1	1			1		1	1		1		14	5	2	7	3	1	33

VEHICULAR FATALITIES

HOURLY-DAILY-ALCOHOL INCIDENCE

ALL CASES

TABLE 57

HOURS OF THE DAY	SUNDAY						MONDAY						TUESDAY						WEDNESDAY						THURSDAY						FRIDAY						SATURDAY						TOTALS						GRAND TOTAL
	TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE								
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F											
12 AM						3	2	3	2	3	2					2	1	1			3	3	3	6	3	1					14	3	10	2	7	2	17												
1 AM	1		1		1		1					1		1		1							4	2	3	2	1	2	2	2	1	1	1	1	9	5	6	3	3	3	14								
2 AM	2		2		2		1		1		1				2	3	1	3	1	2	3									8	3	7	3	6	2					11									
3 AM	4		4		4		1		1		1				2		1		1	2	2	2	5	5	3	8	8	5	21	1	20	1	15	1					22										
4 AM	2	1	2	1	2	1	1							1					2	1	2	1	1				2	1	2	1	2	1	7	4	7	3	5	3	11										
5 AM														1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	2	5	1	5	1	4	1				6										
6 AM	1		1		1		2		1			2		1		1		1								1	1	1	1	1	1	1	7	1	5	1	2	1		8									
7 AM						1		1		1		1			1		1									1	1	1	1	2	2	1	2	1	1				4										
8 AM													1	1	1	1			1				1			1			2	3	2	1							5										
9 AM	1		1										1		1								1	1	1				3		3		1					3											
10 AM						1	1	1				1		1					1	1		1				1	1	1	1	5	3	2	2			1			8										
11 AM						1	1	1	1		1				1		1						2	2					3	2	3	2			1				5										
TOTAL AM	11	1	11	1	10	1	10	6	9	4	5	4	5		3			10	8	6	6	2	2	13	3	12	3	9	2	20	3	15	2	7	2	17	7	15	5	11	5	86	28	71	21	44	16	114	
12 PM		1		1										1		1													1	3		3											4						
1 PM		1		1		1	1									1	1		1				1	1		1		1	1	1	1	4	4		4			1				8							
2 PM						2		2					1		1			1			1			1	3		1			3	6	2	3										9						
3 PM	1		1				1		1		1		1		1	1	1	1					1				1			4	3	3	2										7						
4 PM						2		1		1	1	1											1							2	3	2			2								5						
5 PM						2		2								2												3	1	1	1	1	5	3	1	3	1						8						
6 PM	1												1			2	2			1		1	1				1			6	1	3			1							7							
7 PM	3	5	1	4									1		1		1						2	1	1				6	5	3	4	2									11							
8 PM		1		1		1		1		1	1	1	1			1				1		1					1	1	1	4	3	3	3	1	2							7							
9 PM	2	1	1			1		1		1													1	1	1				5	1	3		2									6							
10 PM	2		2		1		1		1			2	2	2	1	2								1				1		5	4	5	1	3								9							
11 PM	1	1	1	1			1	1		1			1		1		1			1		1	4		3	3	1			10	2	7	2	5								12							
TOTAL PM	10	10	6	8	1	2	6	7	4	6	1	1	7	6	5	5	3		7	3	5	2	1	7	2	3	2	2	11	6	5	2	5	7	4	2	2	2		55	38	30	27	15	3	93			
GRAND TOTAL	21	11	17	9	11	3	16	13	13	10	6	5	12	6	8	5	3		17	11	11	8	3	2	20	5	15	5	11	2	31	9	20	4	12	2	24	11	17	7	13	5	141	66	101	48	59	19	207

VEHICULAR FATALITIES

HOURLY-DAILY-ALCOHOL INCIDENCE

BICYCLIST

TABLE 58

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

VEHICULAR FATALITIES

HOURLY-DAILY-ALCOHOL INCIDENCE

DRIVER

TABLE 59

HOURS OF THE DAY	SUNDAY						MONDAY						TUESDAY						WEDNESDAY						THURSDAY						FRIDAY						SATURDAY						TOTALS						GRAND TOTAL
	TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE								
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F									
12 AM							1	1	1	1	1	1						1		1				2	2	2												5	1	4	1	3	1	6					
1 AM	1		1		1													1						3	1	3	1	1	1	1	1	1	1	1	1	1	1	6	2	4	2	2	2	8					
2 AM							1		1		1							2		2		1	2	2	1												3	2	3	2	2	1	5						
3 AM																		1		1		1	1	1	2	2	2	3	3	2	7		7		6						7								
4 AM																		1						2	2	1			1	1	1	3	1	3		2						4							
5 AM																								1	1	1	3	3	2	4		4		3								4							
6 AM	1		1		1		2		1			1						1		1							1	1	1	6		4		4		2						6							
7 AM							1		1		1																			1		1		1									1						
8 AM																		1		1							1			1	2	1											3						
9 AM																		1		1									1		1													1					
10 AM																								1																				2					
11 AM							1		1															1		1																		2					
TOTAL AM	2		2		2		6	1	5	1	3	1	1				6	3	5	2	1	1	8		7	5	8	2	7	1	4	1	10	2	8	1	6	1	41	8	34	5	21	4	49				
12 PM																		1		1																									1				
1 PM																													1																	2			
2 PM							1		1					1		1									2		1																		4				
3 PM	1		1																																										1				
4 PM							2		1			1	1	1																															4				
5 PM							1		1																				1		1															2			
6 PM																		1		1																									1				
7 PM		1		1														1		1	1					1	1	1																	3				
8 PM		1		1		1		1		1	1	1	1	1				1																											5				
9 PM							1		1		1							1																												2			
10 PM	1		1		1								1	1	1	1	1																												3				
11 PM																		1		1					1	1	1																		3				
TOTAL PM	2	2	2	2	1	1	2	4	2	3	1	1	3	4	2	4	1	5	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16					
GRAND TOTAL	4	2	4	2	3	1	8	5	7	4	4	2	4	4	2	4	1	11	4	8	3	2	1	9	1	8	1	6	10	4	9	2	6	1	11	3	8	2	6	1	57	23	46	18	28	6	80		

VEHICULAR FATALITIES

HOURLY-DAILY-ALCOHOL INCIDENCE DRIVER-MOTORCYCLIST

TABLE 59A

HOURS OF THE DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS			GRAND TOTAL		
	TOTAL		TESTED	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F
12 AM																1	1	1						1	1	1	1
1 AM																											
2 AM											2	1	1											2	1	1	2
3 AM	1		1		1									1	1	1	3	3	1	2	2	2	7	7	5	7	
4 AM																											
5 AM																											
6 AM								1	1														1	1		1	1
7 AM																											
8 AM													1	1									1	1		1	1
9 AM																											
10 AM																											
11 AM																											
TOTAL AM	1		1		1			1	1		2	1	1	2	2	1	4	4	2	2	2	2	12	11	7	12	12
12 PM																											
1 PM																											
2 PM																											
3 PM																											
4 PM																1							1			1	1
5 PM																			1				1			1	1
6 PM											1	1											1	1		1	1
7 PM	2		1																				2	1		2	2
8 PM																			1	1	1		1	1	1	1	1
9 PM																											
10 PM																											
11 PM								1	1	1						2	1	1	1				4	2		2	4
TOTAL PM	2		1					1	1	1	1	1				3	1	1	3	1	1	10	5		3	10	
GRAND TOTAL	3		2					2	2	1	3	2	1	2	2	1	7	5	3	5	3	3	22	16		10	22

VEHICULAR FATALITIES

HOURLY-DAILY-ALCOHOL INCIDENCE

PASSENGER

TABLE 60

HOURS OF THE DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS			GRAND TOTAL														
	TOTAL	TESTED	POSITIVE	TOTAL	TESTED	POSITIVE	TOTAL	TESTED	POSITIVE	TOTAL	TESTED	POSITIVE	TOTAL	TESTED	POSITIVE	TOTAL	TESTED	POSITIVE	TOTAL	TESTED	POSITIVE	TOTAL	TESTED	POSITIVE															
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F												
12 AM					1	1	1					1										2	2	1	1	4													
1 AM					1															1	1	1	1	2	2	1	1	4											
2 AM	2		2		2							1	1	1	1										3	1	3	1	3	1	4								
3 AM					1	1	1					1								2	2	1		3	1	2	1	1	1	4									
4 AM	1	1	1	1	1	1								1	1	1	1			1	1	1		1	3	1	3	1	3	4									
5 AM														1	1	1	1	1							1	1	1	1	1	1	2								
6 AM																				1	1	1		1		1		1	1	1	1								
7 AM																				1	1	1		1		1		1	1	1	1								
8 AM																																							
9 AM																																							
10 AM																																							
11 AM					1	1	1																																
TOTAL AM	3	1	3	1	3	1	4	3	3			1	2	1	1	2	2	2	2	2	2	4			3	4	3	3	2	3	13	13	8	10	7	10	26		
12 PM		1		1											1										1	1		1									2		
1 PM		1		1		1	1														1	1			1	2		2		1							3		
2 PM													1			1	1									1	3		1									4	
3 PM																									1														1
4 PM																																							
5 PM						1	1																				1		1										1
6 PM	1														1	1	1																						3
7 PM		3		2																																			4
8 PM																																							
9 PM	1	1																																					3
10 PM						1	1																																1
11 PM	1	1	1	1			1	1																															4
TOTAL PM	3	7	1	5		1	2	2	1	2				1	2	1	1	1	1																				26
GRAND TOTAL	6	8	4	6	3	2	2	6	1	5	3			1	3	1	1	4	3	3	3	2	8	2	2	2	3	6	3	4	2	3	24	28	13	19	10	11	52

VEHICULAR FATALITIES

HOURLY-DAILY-ALCOHOL INCIDENCE

PEDESTRIAN

TABLE 61

HOURS OF THE DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS			GRAND TOTAL																						
	TOTAL		TESTED	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE																				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M					F	M	F																	
12 AM					2	2	2					1				1	1	1						6	5	3	6																				
1 AM								1	1								1	1	1					1	1	1	2																				
2 AM																																															
3 AM	3	3	3																	1	1			4	4	3	4																				
4 AM	1	1	1	1	1														1	1	1		3	3	2	3																					
5 AM																																															
6 AM																																															
7 AM								1				1	1											1	1	1	2																				
8 AM												1	1											1	1		1																				
9 AM	1	1														1	1	1						2	2	1	2																				
10 AM					1	1	1			1	1				1	1				1	1	1		2	3	2	5																				
11 AM												1	1				1	1						1	1	1	2																				
TOTAL AM	5	5	4		4	1	4		2	3	2		1	3	3		1	1	1	1	1	1	2	1	2	1	1	1	20	7	18	6	9	2	27												
12 PM									1	1															1	1		1																			
1 PM															1			1	1	1					2	1	1	3																			
2 PM					1		1										1	1	1						1	1		1																			
3 PM						1		1									1								2	2	1	2	4																		
4 PM																																															
5 PM															2						2	1	1		4	1	1	4																			
6 PM									1																1			1																			
7 PM	1	1	1																						1	1	1	2																			
8 PM																																															
9 PM	1	1																							1	1		1																			
10 PM	1	1								1	1	1	1				1				1				2	3	2	1	5																		
11 PM					1																				1			1																			
TOTAL PM	3	1	2	1		2	1	1	1		2	2	1	1	1		3				2	2	1		2	1	1	1	15	8	6	5	2	23													
GRAND TOTAL	8	1	7	1	4		6	2	5	1	2		5	2	3	1	1		2	4	1	4		4	1	1	1	1	6	3	4	2	1	1	4	2	3	1	2	1	35	15	24	11	11	2	50

VEHICULAR FATALITIES

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

TABLE 62

HOURS OF THE DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS						GRAND TOTAL																				
	DRIVER a		PASSENGER b		PEDESTRIAN	DRIVER		PASSENGER b		PEDESTRIAN	DRIVER a,c		PASSENGER		PEDESTRIAN	DRIVER a		PASSENGER		PEDESTRIAN	DRIVER a,c		PASSENGER		PEDESTRIAN	DRIVER			PASSENGER		PEDESTRIAN																	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		F	M	F	M	F															
12 AM						1	1		1	2				1		1	1	2		2	2	2				6	1	2	2	6		17																
1 AM	1						1					1						3	1	1		1	1	1	1	1	6	2	2	2	1	1	14															
2 AM			2			1						2	2		1		2		1							5	2	3	1			11																
3 AM	1				3				1			1		1			2				5			5	2	1	14		3	1	4		22															
4 AM			1	1	1					1			1			2		1				1			1	1	3	1	1	3	3		11															
5 AM															1	1		1				3				4		1	1			6																
6 AM	1					2				2			1								1		1		7			1				8																
7 AM						1						1											1		1		1		1	1	1		4															
8 AM											1			1	1				1			1			2	2					1		5															
9 AM					1							1									1				1					2			3															
10 AM									1	1					1				1			1			1	2		1		2	3		8															
11 AM						1			1								1			1				2					1	1	1		5															
TOTAL AM	3		3	1	5	6	1	4	4	1	2		3	8	3	1	2	1	3	10	2	2	1	1	12	2	4	4	1	12	2	3	4	2	1	53	8	13	13	20	7	114						
12 PM				1							1	1				1										1	1	1		1			4															
1 PM				1				1							1		1					1	1	1		1	1	1	2	2	1		8															
2 PM						1				1						1				2	1	1				1	3	1	3	1			9															
3 PM	1									1	1										1			1		2			1	2	2		7															
4 PM							2				1	1						1							2	3							5															
5 PM						1		1									2						1	1		2	1	2		1	4		8															
6 PM			1												1						1				3		2	1	1				7															
7 PM	2	1		3	1	1							1						1	1					4	1	1	3	1	1			11															
8 PM		1					1				1	1											1		4	3							7															
9 PM			1	1	1		1														1				2		2	1	1				6															
10 PM	1				1					1	1													1		2	1	1		2	3			9														
11 PM			1	1					1	1															7		2	2	1					12														
TOTAL PM	4	2	3	7	3	1	2	4	2	2	2	1	5	4		2	2	6	1	1	1	1	2	1	2	1	3	5	2	4	2	2	2	5	1	2	2	1	29	15	11	15	15	8	93			
GRAND TOTAL	7	2	6	8	8	1	8	5	2	6	6	2	7	4		5	2	14	4	1	3	2	4	12	1	4	3	4	1	17	4	8	2	6	3	17	3	3	6	4	2	82	23	24	28	35	15	207

a. Motorcyclists included in drivers b. Motorcycle passenger included in passenger c. Bicyclists included in drivers

VEHICULAR FATALITIES

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

TABLE 63

HOURS OF THE DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS			GRAND TOTAL																					
	PRE-SCHOOL		SCHOOL	PRE-SCHOOL		SCHOOL	PRE-SCHOOL		SCHOOL	PRE-SCHOOL		SCHOOL	PRE-SCHOOL		SCHOOL	PRE-SCHOOL		SCHOOL	PRE-SCHOOL		SCHOOL	PRE-SCHOOL		SCHOOL		ADULT																				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F																			
12 AM							3	2							1	2									2			1	12	2	17															
1 AM				1				1			1					1				2	2	2			2	2			2		7	5	14													
2 AM				2				1						1	2	2													1	8	2	11														
3 AM				4				1																																						
4 AM				2	1				1					1		1					5			1	7	1	2		18	1	22															
5 AM																					1							2	1		1	7	3	11												
6 AM				1				2			2				1						1			1	2			2	1	3		7	1	8												
7 AM								1																									2	2	4											
8 AM															1	1																	2	3	5											
9 AM				1																														3		3										
10 AM								1	1			1																					5	3	8											
11 AM								1	1																								1	2	2	5										
TOTAL AM				11	1			10	6			5	1		3	9	5			2	1	11	2	2	3	15	3		2	15	7	3	7	4	76	24	114									
12 PM					1							1																						1	3	4										
1 PM					1			1							1						1			1	1	1			1		3	1		3		8										
2 PM								2				1				1																				1	3	5	9							
3 PM				1					1					1	1						1															1	3	5	9							
4 PM								2				1	1																								2	2	7							
5 PM									2																												2	3	5							
6 PM				1						1																											2	3	5							
7 PM	1				2	5															1																4	5	11							
8 PM					1																																	1	3	7						
9 PM				1	1				1																													2	3	6						
10 PM				2					1		1			2	1																								1	5	6					
11 PM				1																																			2	1	8	1	12			
TOTAL PM	1			2		7	10		1	1	5	6	1	1	1		5	5			1	7	2	1	3	1	7	2	1	3	3	2	2	2	2	1	6	2	13	5	36	31	93			
GRAND TOTAL	1			2		18	11		1	1	15	12	1	1	1		10	5	1		4	16	7	1	5	1	14	4	4	5	1	22	8	1	1	6	2	17	8	9	2	20	9	112	55	207

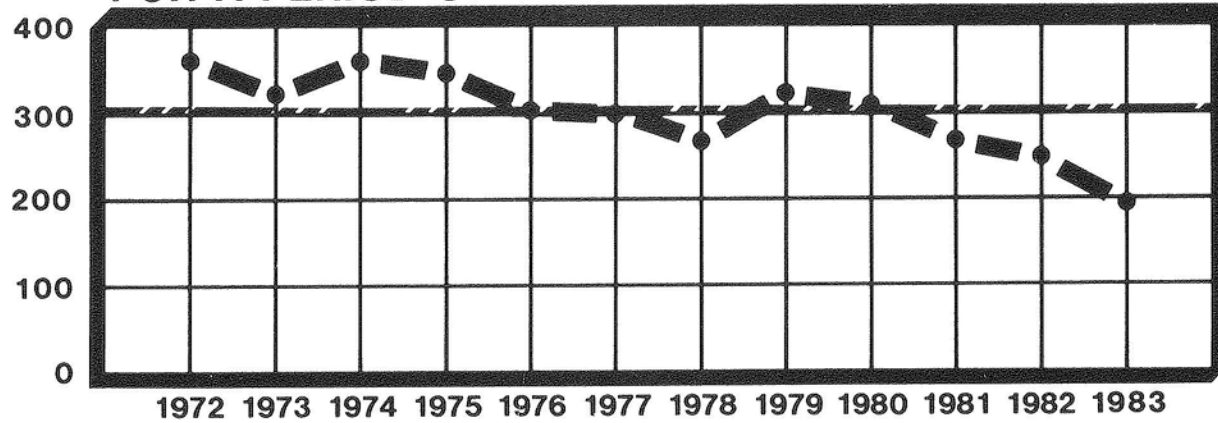
NOTE: PRE-SCHOOL - Under 5 years

SCHOOL - 5 to 18 years

ADULT - 19 years and older

HOMICIDES

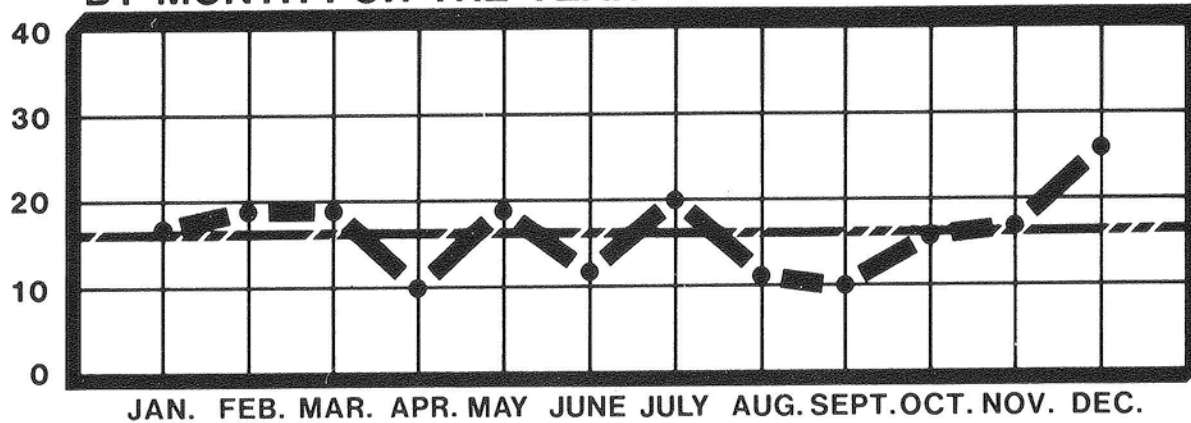
FOR A PERIOD OF TWELVE YEARS



302.6 AVERAGE

		NUMBER	PERCENT
SEX	MALE	147	75
	FEMALE	49	25
RACE	WHITE	61	31
	NON-WHITE	135	69
ALCOHOL	TESTED	176	90
	POSITIVE	78	44
AUTOPSY	AUTOPSIED	197	100

BY MONTH FOR THE YEAR 1983

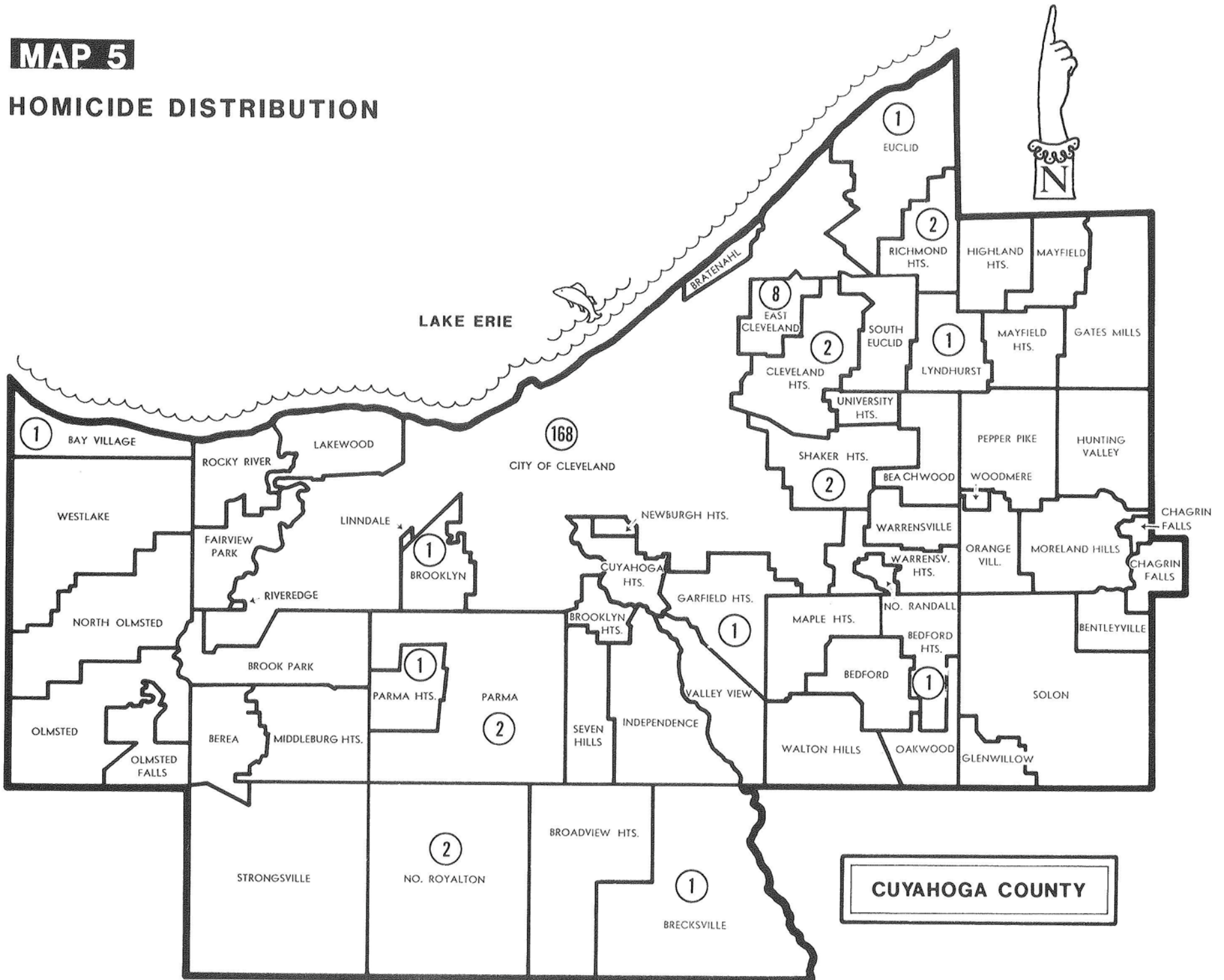


16.3 AVERAGE

1983
TOTAL CASES
196

MAP 5

HOMICIDE DISTRIBUTION



HOMICIDES

MONTHLY ALCOHOL INCIDENCE

TABLE 64

MONTH	TOTAL	NOT TESTED												TESTED						STAGES																	
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
JANUARY	17	13	4	13	3		1											13	4	8	3	5	1	1		1		2							1	1	
FEBRUARY	19	14	5	10	4	4	1			2				2				12	5	6	3	6	2		1	2		1			1		2	1			
MARCH	19	14	5	13	2	1	3			3	1	3	1					11	4	2	3	9	1	1		2		1		1		1		2	1		
APRIL	10	6	4	4	3	2	1											6	4	3	1	3	3	1	1		1	1	1			1					
MAY	19	14	5	13	5			1		2	1	2			1			12	4	6	1	6	3	3	1	1	1		2			1					
JUNE	12	11	1	11	1													11	1	4	1	7				3			1		1		1			1	
JULY	20	16	4	16	3		1			1		1						15	4	9	4	6				2		2				2					
AUGUST	11	7	4	4	3	3	1			3		2		1				4	4	3	3	1	1		1	1											
SEPTEMBER	10	7	3	6	2	1	1			1		1						6	3	5	3	1								1							
OCTOBER	16	12	4	11	3		1	1		2	2	2	1		1			10	2	3	1	7	1	1		1	1		2		2		1				
NOVEMBER	17	14	3	13	3	1				2		2						12	3	6	3	6			1		3		1			1					
DECEMBER	26	19	7	15	7	4												19	7	13	4	6	3		1	1		2		2	1	1	1				
TOTAL	196	147	49	129	39	16	10	2		16	4	13	2	3	2			131	45	68	30	63	15	7	5	14	2	13	1	10	1	9	3	6	1	4	2

HOMICIDES

MODE-ALCOHOL INCIDENCE

TABLE 66

MODE	TOTAL	NOT TESTED								TESTED						STAGES																							
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
ARSON	4	2	2	2	2													2	2	2	1		1														1		
ASSAULT	22	13	9	11	7	1	2	1		5	3	4	1	1	2			8	6	7	4	1	2				1		1								1		
CUTTING AND STABBING	32	18	14	15	13	3	1											18	14	6	10	12	4	4	1	3		3		1		1	2						1
EXPOSURE	1	1		1						1			1																										
SHOOTING	126	108	18	96	13	11	5	1		10	1	9	1	1				98	17	50	12	48	5	3	2	11	1	10		8	1	6		6		4	1		
STRANGULATION	8	3	5	2	3	1	2											3	5	2	2	1	3		2				1				1						
STRESS	1	1		1														1		1																			
STRUCK BY MOTOR VEHICLE	1	1		1														1				1									1								
UNDETERMINED MODE	1		1		1													1		1																			
TOTAL	196	147	49	129	39	16	10	2		16	4	13	2	3	2			131	45	68	30	63	15	7	5	14	2	13	1	10	1	9	3	6	1	4	2		

MODE-AGE GROUPS

TABLE 67

MODE	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
ARSON			1	1	1											1																					2	2	4		
ASSAULT		1	1	2							2	1	1			2					1	1	1			1	1	1		2			2		1	1	13	9	22		
CUTTING AND STABBING									1	1	5	2	4	1	2	3		1			2	1	1			1			1	2	2		1				18	14	32		
EXPOSURE	1																																		1				1		
SHOOTING			1	1			2	1	9	2	17	3	24	3	15	1	10	2	7	1	7		4	1	5		2	1	2		3	1		1			108	18	126		
STRANGULATION									1		1	1				1												1		1							3	5	8		
STRESS																										1											1				1
STRUCK BY MOTOR VEHICLE														1																							1				1
UNDETERMINED MODE																				1																		1			1
TOTAL	1	1	2	4	2		2	1	10	4	24	7	30	4	19	7	10	4	9	2	10	2	6	1	7	2	3	1	4	2	5	4	2	2	1	1	147	49	196		

HOMICIDES (NON-JUSTIFIABLE)

PLACE OF OCCURRENCE-CIRCUMSTANCES-ASSAILANTS

VICTIMS-ALCOHOL INCIDENCE

TABLE 69A

ASSAILANT	TOTAL	NOT TESTED								TESTED						STAGES																						
		Total		Cleve.		County		Out of County		Total	Surv'd Too Long		Under Age		Other		Total	Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over				
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
PUBLIC CIRCUMSTANCES:																																						
During or following an argument																																						
Acquaintance	17	16	1	14	1	1		1		4	4						12	1	3		9	1	1		4		2				1		1				1	
Relative																																						
Father-in-Law	1	1		1												1				1									1									
Spouse	1	1		1												1				1									1									
During or following the commission or attempted commission of a felony																																						
Stranger	11	8	3	7	2	1	1			2	1	2	1				6	2	2	2	4		1		1		1				1							
Unknown	2	2		2						1	1						1		1																			
Unknown																																						
Acquaintance	7	7		6		1										7		4		3		1		1						1								
Stranger	3	2	1	2	1											2	1	2			1											1						
Unknown	23	18	5	17	5	1				3	2		1			15	5	8	3	7	2		1	3	1			2		1		1						
Other																																						
Acquaintance	6	4	2	3		1	2									4	2	2	2	2						1		1										
Stranger	3	2	1	2	1											2	1	2			1							1										
TOTAL	74	61	13	55	10	5	3	1		10	1	9	1	1		51	12	24	7	27	5	3	1	9	1	4	1	4		5	1	2				1		

HOMICIDES IN COUNTY OF CATAUGA 1951-1983

(INCLUDES CULPABLE AND JUSTIFIABLE HOMICIDES)

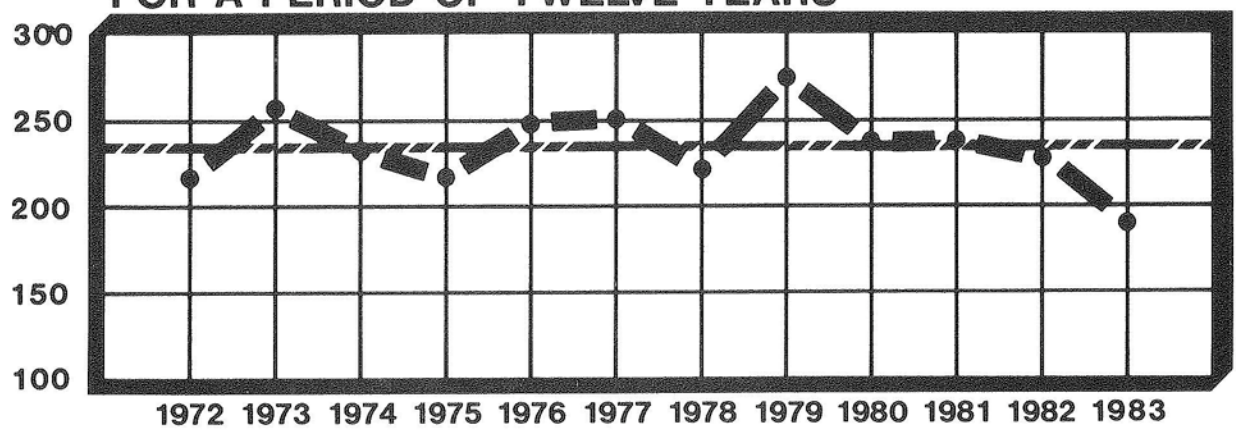
TABLE 69B

YEAR	TOTAL HOMICIDES	FIREARMS	FIREARM PERCENTAGE OF TOTAL	BLUNT VIOLENCE (MANUAL, PEDAL AND INSTRUMENTAL ASSAULT)	EDGED AND POINTED WEAPONS	STRANGULATION (MANUAL AND LIGATURE)	ALL OTHERS*
1951	91	48	52.75	14	24	3	2
1952	106	67	63.21	9	26	1	3
1953	98	68	69.39	9	21		
1954	93	56	60.22	12	24		1
1955	82	46	56.10	8	22	3	3
1956	128	64	50.00	18	42	2	2
1957	96	52	54.17	14	21	4	5
1958	95	45	47.37	17	25	5	3
1959	94	45	47.87	18	27	4	
1960	102	63	61.76	12	21	6	
1961	100	61	61.00	8	27	3	1
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	66.87	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	
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

* Arson, Automobile Crash, Carbon Monoxide, Drowning, Explosion, Exposure, Hit by Concrete Block, Multiple Modes, Neglect, Obstruction of Airway by Foreign Object, Poisoning, Smothering and Stress.

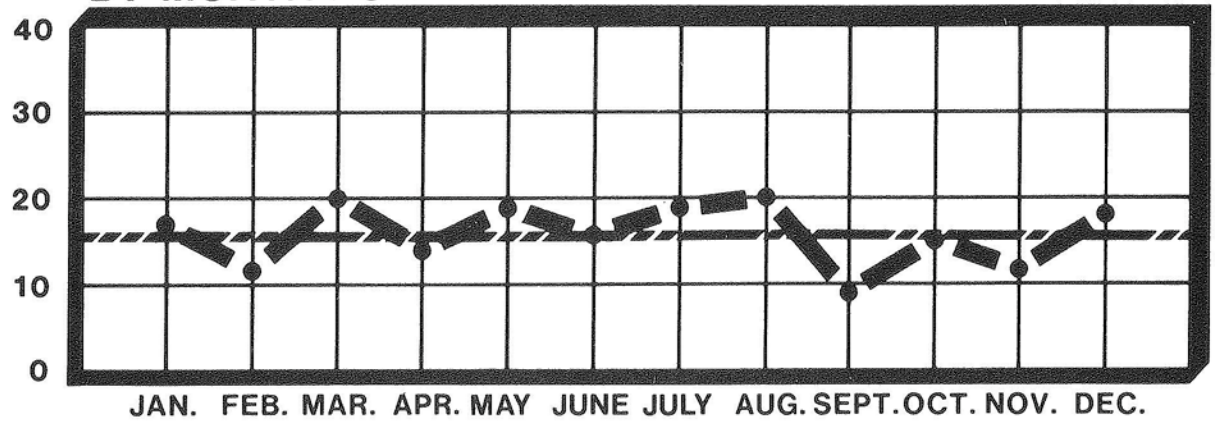
SUICIDES

FOR A PERIOD OF TWELVE YEARS



234.9 AVERAGE

BY MONTH FOR THE YEAR 1983



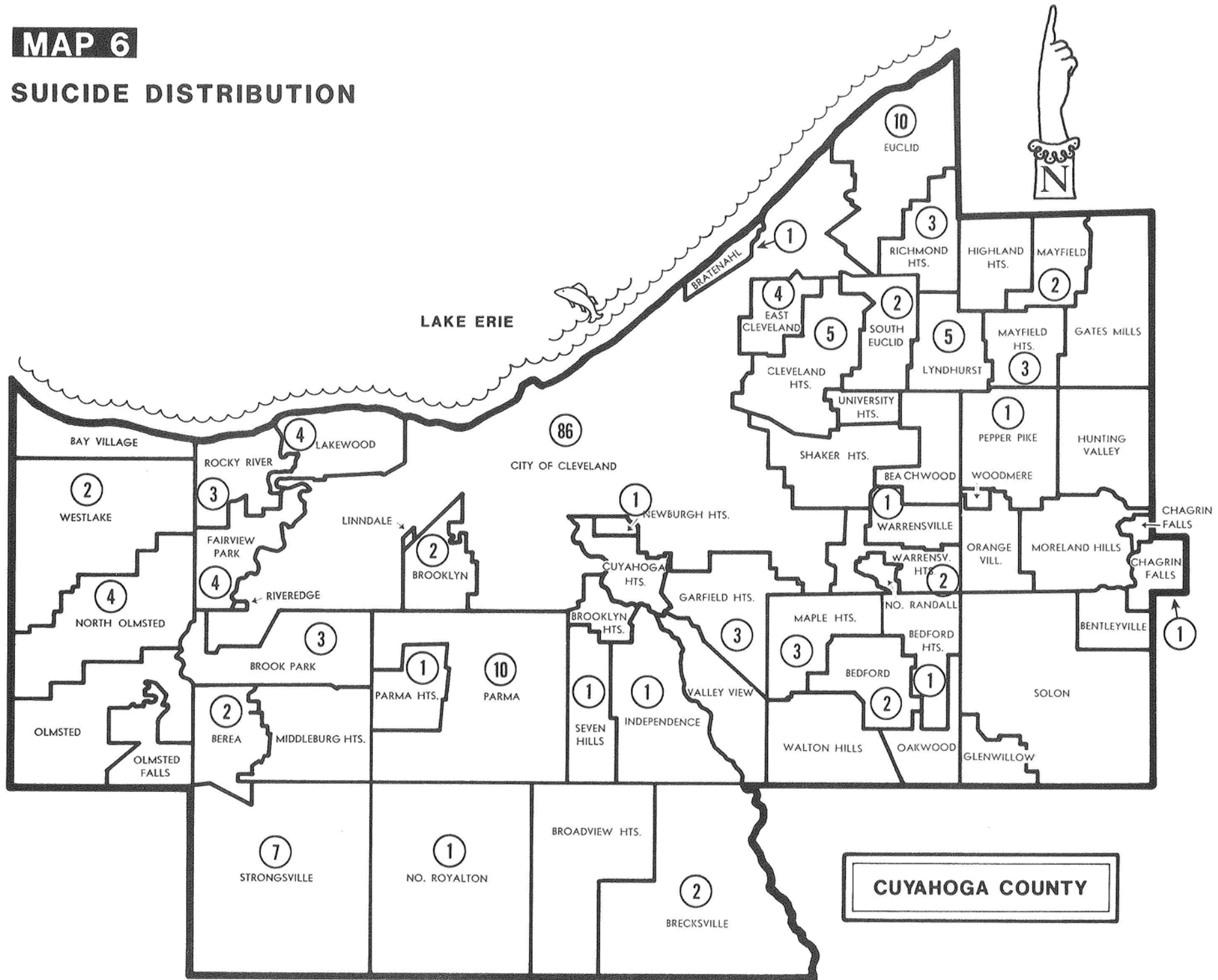
15.9 AVERAGE

		NUMBER	PERCENT
SEX	MALE	135	71
	FEMALE	56	29
RACE	WHITE	158	83
	NON-WHITE	33	17
ALCOHOL	TESTED	183	96
	POSITIVE	58	32
AUTOPSY	AUTOPSIED	191	100

1983
TOTAL CASES
191

MAP 6

SUICIDE DISTRIBUTION



SUICIDES

MONTHLY ALCOHOL INCIDENCE

TABLE 70

MONTH	TOTAL	NOT TESTED																		TESTED						STAGES											
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
JANUARY	17	13	4	7	3	5	1	1			1		1					13	3	9	2	4	1			2	1	1				1					
FEBRUARY	12	6	6	2	4	4	2											6	6	1	5	5	1	2		2	1				1						
MARCH	20	15	5	7	1	8	3		1	1		1						14	5	11	5	3			1		1		1								
APRIL	14	11	3	4		7	3											11	3	6	2	5	1	1	1			1		2		1					
MAY	19	16	3	2	2	13		1	1									16	3	11	2	5	1	2		2			1	1							
JUNE	16	13	3	7	2	5	1	1										13	3	10	2	3	1	1		1							1			1	
JULY	19	14	5	7	3	6	2	1										14	5	8	4	6	1	2		1		2						1	1		
AUGUST	20	16	4	8	1	7	3	1		2					2			14	4	9	2	5	2	1			2				1	2		1			
SEPTEMBER	9	8	1	2		6	1			1					1			7	1	5	1	2			1					1							
OCTOBER	15	7	8	6	2	1	5		1									7	8	4	7	3	1	1			1						1		1		
NOVEMBER	12	6	6	5	1	1	5				1		1					6	5	3	4	3	1			2			1	1							
DECEMBER	18	10	8	6	4	4	4			2					2			8	8	6	6	2	2		1			1			1	1					
TOTAL	191	135	56	63	23	67	30	5	3	6	2	1	2		5		129	54	83	42	46	12	10	2	12	5	6		4	2	6	1	5	1	3	1	

SUICIDES

AGE AND RACE-ALCOHOL INCIDENCE

TABLE 71

AGE	RACE	TOTAL	NOT TESTED									TESTED						STAGES														
			Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over			
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 Year	White																															
	Non-White																															
1 - 4	White																															
	Non-White																															
5 - 9	White																															
	Non-White																															
10 - 14	White																															
	Non-White																															
15 - 19	White	10	4	6							4	6	2	5	2	1	1		1											1		
	Non-White	3	3								3		3																			
20 - 24	White	16	14	2	1					1	13	2	10		3	2	1		1			1	1						1			
	Non-White	4	3	1							3	1	2	1	1		1															
25 - 29	White	12	11	1							11	1	5	1	6		1		2		2				1							
	Non-White	8	6	2	2		1			1	4	2	1	2	3			1								2						
30 - 34	White	15	10	5							10	5	4	3	6	2	2	1	1	1	1		1						1			
	Non-White	10	9	1	1					1	8	1	5		3	1			1	1					2							
35 - 39	White	15	12	3	1	1			1		11	2	9	1	2	1			1			1		1								
	Non-White																															
40 - 44	White	8	5	3		1		1			5	2	3	2	2			1							1							
	Non-White	3	2	1							2	1	1	1	1			1														
45 - 49	White	9	6	3							6	3	4	2	2	1						1				1		1	1			
	Non-White	1	1								1		1																			
50 - 54	White	15	7	8	1				1		6	8	5	8	1											1						
	Non-White	2	1	1							1	1		1	1		1															
55 - 59	White	12	9	3							9	3	5	3	4		1		1		1				1							
	Non-White																															
60 - 64	White	10	6	4							6	4	5	1	1	3			2			1							1			
	Non-White	1	1								1				1					1												
65 - 69	White	9	7	2							7	2	4	2	3		1		1							1						
	Non-White	1	1								1		1																			
70 - 74	White	8	5	3							5	3	4	3	1					1												
	Non-White																															
75 - 79	White	10	7	3							7	3	6	2	1	1		1	1													
	Non-White																															
80 - over	White	9	5	4							5	4	3	4	2		1												1			
	Non-White																															
TOTAL	White	158	108	50	3	2			2		3		105	48	69	37	36	11	8	2	9	4	5		4	2	4	1	3	1	3	1
	Non-White	33	27	6	3			1			2		24	6	14	5	10	1	2		3	1	1			2		2				
GRAND TOTAL		191	135	56	6	2	1	2		5		129	54	83	42	46	12	10	2	12	5	6		4	2	6	1	5	1	3	1	

SUICIDES

MODE-ALCOHOL INCIDENCE

TABLE 72

MODE	TOTAL	NOT TESTED									TESTED						STAGES																			
		Total		Cleve.		County		Out of County			Total	Surv'd Too Long		Under Age		Other		Total	Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
ASPHYXIA	36	28	8	12	5	16	3			1					1		27	8	17	7	10	1	4		1		3		1		1		1			
BURNING	1	1		1													1		1																	
CARBON MONOXIDE	26	16	10	3	1	13	9										16	10	7	8	9	2	1		1	1	2		2	1	1			2		
JUMPING	7	4	3	2	1	2	2			1				1			3	3	3	3																
POISONING	28	11	17	5	5	6	11		1	1		1					11	16	9	14	2	2	1	1	1	1										
SHOOTING	93	75	18	40	11	30	5	5	2	4	1	1	1		3		71	17	46	10	25	7	4	1	9	3	1		1	1	4	1	5		1	1
TOTAL	191	135	56	63	23	67	30	5	3	6	2	1	2		5		129	54	83	42	46	12	10	2	12	5	6		4	2	6	1	5	1	3	1

SUICIDES

MODE-AGE GROUPS

TABLE 75

MODE	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
ASPHYXIA									2	6	2	1		3		1		2	2	1		4		2		2		1		1		4			2	28	8	36	
BURNING												1																								1		1	
CARBON MONOXIDE								2		1		1		2		3	1			2	2		2	1		1	1		1	3			2	1	16	10	26		
JUMPING										1			1	1	1									1				1			1					4	3	7	
POISONING									1			1	2	4	1	1	1	1		1	1		5		1	1	1	1	1			2	1	1	11	17	28		
SHOOTING								5	3	9	1	13		9	4	7	1	4	2	3		4	2	5	2	3	2	6		3		2	1	2		75	18	93	
TOTAL								7	6	17	3	17	3	19	6	12	3	7	4	7	3	8	9	9	3	7	4	8	2	5	3	7	3	5	4	135	56	191	

SUICIDES

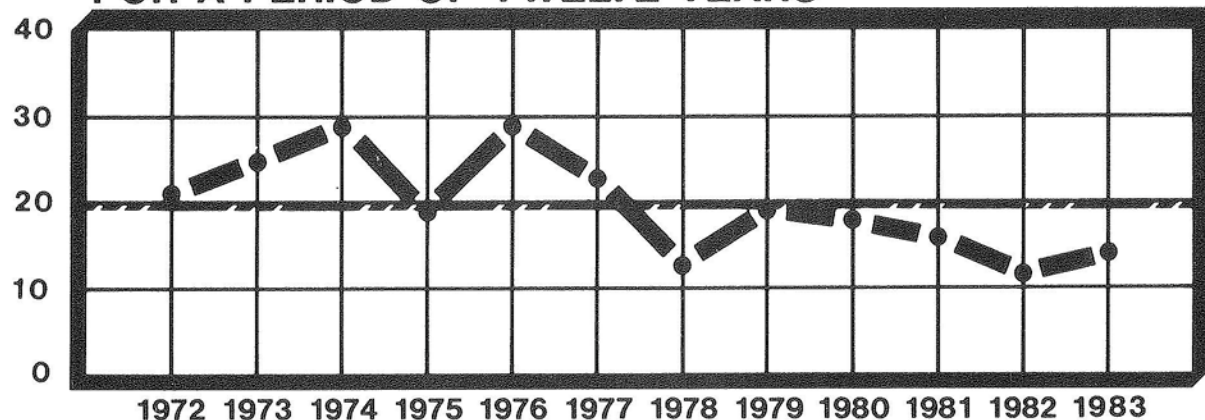
MODE-GEOGRAPHICAL LOCATION AND MARITAL STATUS

TABLE 76

MODE	CLEVELAND												COUNTY												OUT OF COUNTY												GRAND TOTAL		
	MARRIED		SINGLE		WIDOWED		DIVORCED		UNKNOWN		TOTAL		MARRIED		SINGLE		WIDOWED		DIVORCED		UNKNOWN		TOTAL		MARRIED		SINGLE		WIDOWED		DIVORCED		UNKNOWN		TOTAL			TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F
ASPHYXIA	7	1	3	2	1	1	1	1				12	5	7	1	7	1		1	2				16	3											28	8	36	
BURNING	1											1																								1		1	
CARBON MONOXIDE	1	1	2									3	1	6	5	2		3	2	2	2			13	9											16	10	26	
JUMPING			1	1	1							2	1	1		1	1			1				2	2										4	3	7		
POISONING	2		2	3	1	1		1				5	5	5	3		5	1	2		1			6	11				1					1	11	17	28		
SHOOTING	13	4	15	2	2	3	10	2				40	11	15	4	11		2	1	2			30	5	4	1		1			1			5	2	75	18	93	
TOTAL	24	6	23	8	5	5	11	4				63	23	34	13	21	7	6	6	6	4		67	30	4	1		1		1	1			5	3	135	56	191	

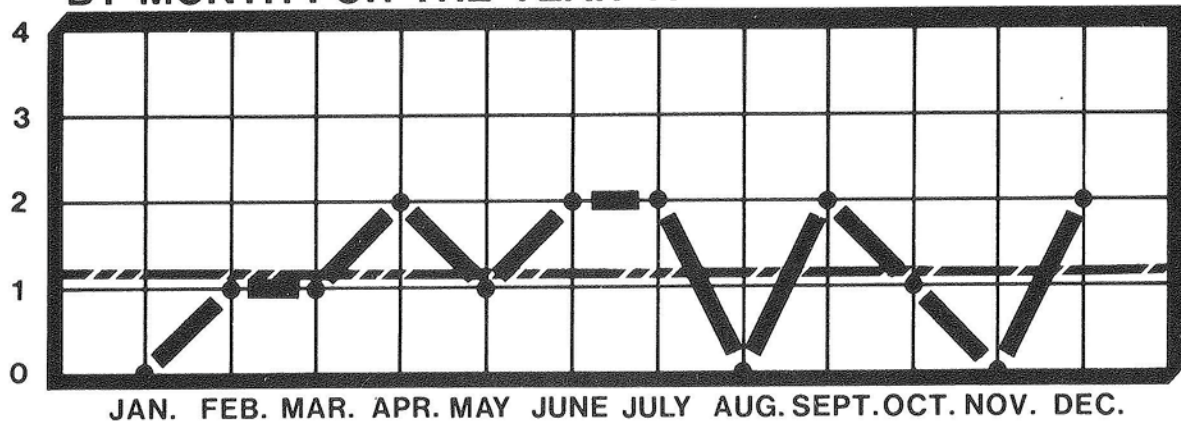
VIOLENCE OF UNDETERMINED ORIGIN

FOR A PERIOD OF TWELVE YEARS



19.8 AVERAGE

BY MONTH FOR THE YEAR 1983



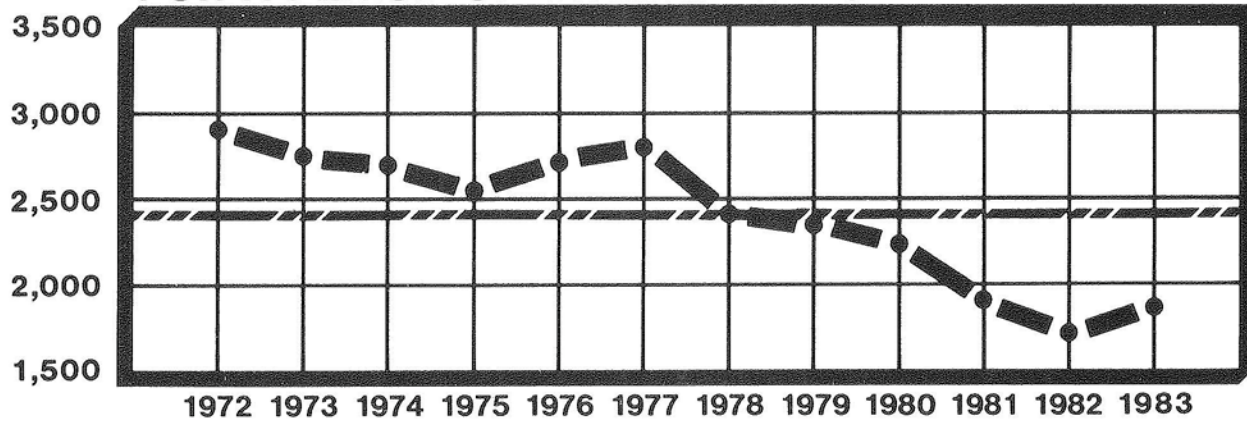
1.2 AVERAGE

		NUMBER	PERCENT
SEX	MALE	11	79
	FEMALE	3	21
RACE	WHITE	8	57
	NON-WHITE	6	43
ALCOHOL	TESTED	10	71
	POSITIVE	4	40
AUTOPSY	AUTOPSIED	13	93

1983
TOTAL CASES
14

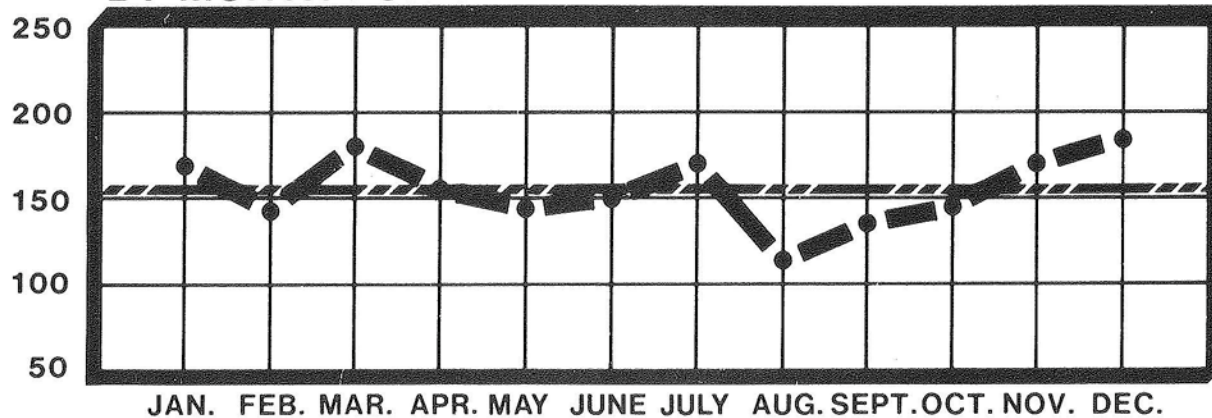
NATURAL CAUSES

FOR A PERIOD OF TWELVE YEARS



2,418.9 AVERAGE

BY MONTH FOR THE YEAR 1983



155.9 AVERAGE

		NUMBER	PERCENT
SEX	MALE	1168	62
	FEMALE	703	38
RACE	WHITE	1303	70
	NON-WHITE	568	30
ALCOHOL	TESTED	1552	83
	POSITIVE	157	10
AUTOPSY	AUTOPSIED	559	30

1983
TOTAL CASES
1871

DEATHS FROM NATURAL CAUSES

MONTHLY ALCOHOL INCIDENCE

TABLE 80

MONTH	TOTAL	NOT TESTED										TESTED						STAGES													
		Total		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
JANUARY	171	91	80	12	22	2	8	3	2	7	12	79	58	74	51	5	7	5	3		2									2	
FEBRUARY	144	91	53	21	7	2	3	3		16	4	70	46	60	45	10	1	4	1	2		1		1		1			1		
MARCH	180	111	69	16	14	1	1	1	5	14	8	95	55	90	50	5	5	1	1	2	2			2	2						
APRIL	157	105	52	18	13	1	2	2	2	15	9	87	39	79	34	8	5	5	1	1	2	2	2								
MAY	145	90	55	8	8		1	4		4	7	82	47	72	44	10	3	3	1	4		1		1	1	1			1		
JUNE	150	99	51	18	8	3	1	2	2	13	5	81	43	72	37	9	6	4	3	3	1	1	1			1			1		
JULY	171	111	60	24	13	1	1	1	4	22	8	87	47	69	46	18	1	8		4		1				1	1		4		
AUGUST	117	83	34	18	4	3	1	1		14	3	65	30	59	29	6	1	3		1		1	1						1		
SEPTEMBER	136	76	60	10	10	3	3	2	3	5	4	66	50	57	49	9	1	3		1	1	1		2		1		1			
OCTOBER	145	89	56	19	10	3		3	3	13	7	70	46	66	41	4	5	1	3			2	1	1	1						
NOVEMBER	171	114	57	13	10	2	2	3	1	8	7	101	47	91	45	10	2	4		1	1	3	1			1		1			
DECEMBER	184	108	76	12	11		1	1		11	10	96	65	75	60	21	5	5	1	5	2	2		3	1	2	1	1	3		
TOTAL	1871	1168	703	189	130	21	24	26	22	142	84	979	573	864	531	115	42	46	14	24	11	15	6	8	5	9	2	4	9	4	

DEATHS FROM NATURAL CAUSES

INTERNATIONAL CODE OF CAUSES OF DEATH LISTED BY MONTH

TABLE 81

CLASSIFICATION OF DISEASES BY CODE*	JAN.		FEB.		MAR.		APRIL		MAY		JUNE		JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Infective and Parasitic Diseases			1		1								1	1		2								1	3	4	7
Neoplasms	2	9	3	1	4	2	2	3	4	1	1	3	2	2	5	1	2		2	2	4	3	8		39	27	66
Allergic, Endocrine System, Metabolic and Nutritional Diseases				1		1				3		2			1	1		1			1		2		9	4	13
Diseases of the Blood and Blood-forming Organs								1							1										1	1	2
Mental, Psychoneurotic and Personality Disorders**		1			1		1	1			1	1	3												6	3	9
Diseases of the Nervous System and Sense Organs	2	1		1		1					1		2		1			1				1			6	5	11
Diseases of the Circulatory System	79	62	79	45	101	57	94	41	73	53	82	44	93	51	72	26	63	50	81	50	101	50	87	75	1005	604	1609
Diseases of the Respiratory System	3	1	1	3	1	4	1	1	3		2		1	1	1		1	1				1	2		16	12	28
Diseases of the Digestive System	2	1	5	2	2	1	3	2	5		7		6	3	2	2	7	1	2	1	4	1	7		52	14	66
Diseases of the Genito-urinary System							1				1						1			1					3	1	4
Deliveries and Complications of Pregnancy, Childbirth and the Puerperium																											0
Diseases of the Skin and Cellular Tissue																											0
Diseases of the Bones and Organs of Movement									1									1							1	1	2
Congenital Malformations		1	1			1		1			1						2			1					3	5	8
Certain Diseases of Early Infancy																											0
Symptoms, Senility and Ill-defined Conditions***	3	4	1		1	2	3	2	1	1	1	3	3	2		2	3	2	4	3	2	1	2		24	22	46
TOTAL	91	80	91	53	111	69	105	52	90	55	99	51	111	60	83	34	76	60	89	56	114	57	108	76	1168	703	1871

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

** In Mental, Psychoneurotic and Personality Disorders 9 were due to Alcoholism.

*** Sudden Unexpected Infant Deaths Totaled 34.

AUTOPSIES-DEATHS FROM NATURAL CAUSES

INTERNATIONAL CODE OF CAUSES OF DEATH LISTED BY MONTH

TABLE 82

CLASSIFICATION OF DISEASES BY CODE*	JAN.		FEB.		MAR.		APRIL		MAY		JUNE		JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Infective and Parasitic Diseases			1		1								1	1		1								1	3	3	6
Neoplasms		2			2	1		1						1	1		1		1	1		2	3		8	8	16
Allergic, Endocrine System, Metabolic and Nutritional Diseases				1		1			1		1		1		1	1			1			1	2		7	4	11
Diseases of the Blood and Blood-forming Organs								1							1										1	1	2
Mental, Psychoneurotic and Personality Disorders**					1		1	1			1		2												5	1	6
Diseases of the Nervous System and Sense Organs	2	1		1		1					1		1					1				1			4	5	9
Diseases of the Circulatory System	21	11	24	8	32	16	28	9	16	6	22	3	22	1	22	1	19	11	17	13	25	6	30	18	278	103	381
Diseases of the Respiratory System	3	1		3	1	3	1	1	3		2		1	1	1		1	1				1	1		14	11	25
Diseases of the Digestive System	2	1	4	2	2	1	3	1	3		4		4	3	1	1	4	1	3	1	4	1	7		41	12	53
Diseases of the Genito-urinary System							1											1							1	1	2
Deliveries and Complications of Pregnancy, Childbirth and the Puerperium																											0
Diseases of the Skin and Cellular Tissue																											0
Diseases of the Bones and Organs of Movement																		1								1	1
Congenital Malformations						1												2			1				1	3	4
Certain Diseases of Early Infancy																											0
Symptoms, Senility and Ill-defined Conditions***	3	4	1		1	2	1	2	1	1	1	3	2	2		2	3	2	4	3	2	1	2		21	22	43
TOTAL	31	20	30	15	40	26	35	16	24	7	32	6	34	9	27	6	28	21	25	18	33	12	45	19	384	175	559

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

** In Mental, Psychoneurotic and Personality Disorders 6 were due to Alcoholism.

*** Sudden Unexpected Infant Deaths Totaled 34.

DEATHS FROM NATURAL CAUSES

MONTHS AND AGE GROUPS

TABLE 83

AGE	JAN.		FEB.		MAR.		APRIL		MAY		JUNE		JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Under 1 Year	3	2	1		1	1	2	2	2	1	2	3	1	3	1		2	3	3	3	3	1	2		23	19	42
1 - 4			1			4			1					1											2	5	7
5 - 9			1						1																2		2
10 - 14										1																1	1
15 - 19							2						1								1		1		3	2	5
20 - 24						1	1								2	1			1						2	4	6
25 - 29	2	1		2		1	2	2					1				2	1		2		1		3	7	13	20
30 - 34	2	1	3		2	2	1	2			2			1	3			2	2	1	3	1	2		20	10	30
35 - 39		3	2	1	3	1	1		1		3		1		1		2	2	1		2		3	1	20	8	28
40 - 44	2		3	2	5	1	1	1	6		3		6		8	1	3	3	4	2	3		7		51	10	61
45 - 49	7	4	5	3	5	1	10		4	2	6	1	10	2	3		2	1	2		7	1	8	2	69	17	86
50 - 54	5	3	10	3	7	1	12	4	8	1	9	1	7	2	7	4	5	2	7	4	10	2	4	6	91	33	124
55 - 59	13	4	11	6	11	3	13	2	11	6	15	5	20	3	8	2	12	4	10	5	15	4	19	2	158	46	204
60 - 64	12	6	11	6	19	10	17	4	10	11	14	6	14	2	12	5	12	5	16	9	18	10	20	11	175	85	260
65 - 69	16	8	13	7	10	6	13	7	13	6	16	7	12	9	12	3	12	9	8	6	16	12	15	12	156	92	248
70 - 74	6	20	15	6	18	8	17	6	9	11	8	7	11	11	12		9	3	11	4	9	10	7	9	132	95	227
75 - 79	14	9	5	4	13	8	5	7	10	3	6	8	13	9	11	5	8	9	9	5	12	5	9	11	115	83	198
80 -over	9	19	10	13	17	21	8	15	14	13	15	13	14	17	5	12	6	16	16	14	16	9	12	18	142	180	322
TOTAL	91	80	91	53	111	69	105	52	90	55	99	51	111	60	83	34	76	60	89	56	114	57	108	76	1168	703	1871

AUTOPSIES-DEATHS FROM NATURAL CAUSES

MONTHS AND AGE GROUPS

TABLE 84

AGE	JAN.		FEB.		MAR.		APRIL		MAY		JUNE		JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Under 1 Year	3	2	1		1	1	1	2	3	1	1	3	1	3	1		2	3	3	3	3	1	2		22	19	41
1 - 4			1			3								1											1	4	5
5 - 9																											0
10 - 14										1																1	1
15 - 19							2						1								1		1		3	2	5
20 - 24						1	1								2	1			1						2	4	6
25 - 29	2	1		2		1	2	2					1				2	1		1		1		2	7	11	18
30 - 34	2	1	2		2	2	1	2			1		1	1	3			2	2	1	2	1	3		19	10	29
35 - 39		3	2	1	3	1	1		1		1		1		1		2	2	1		2		2	1	17	8	25
40 - 44	2		3	1	5				4		1		6		5		2	3	4	2	3		7		42	6	48
45 - 49	8	3	5	3	4	1	10		4	2	5		7	1	2		2	1	2		6		6	2	61	13	74
50 - 54	3	2	3	1	5	1	8		1	1	6		4	1	5		1	1	3	2	7	1	2	4	48	14	62
55 - 59	6	2	3	3	5	3	5	2	2	1	6		5				6	1	3	2	2		7	1	50	15	65
60 - 64			3	2	4	4	3		1		4	1	4	1	3	2	2	2	3	3	3	3	4		34	18	52
65 - 69	3	2	2	1	3	2		1	5	1	4	1	2	1	4	1	3	2	1		2	1	3	2	32	15	47
70 - 74	1	1	2		2	1	1	1	1		1		1		1		3		2	1	2	2	1	2	18	8	26
75 - 79	1	2			4	1		2			1	1					1	1					2	1	9	8	17
80 -over		1	3	1	2	4		4	2		1				2	1	1	2	1	2	1	1	6	3	19	19	38
TOTAL	31	20	30	15	40	26	35	16	24	7	32	6	34	9	27	6	28	21	25	18	33	12	45	19	384	175	559

DEATHS FROM NATURAL CAUSES

INTERNATIONAL CODE OF CAUSES OF DEATH LISTED BY AGE GROUPS

TABLE 85

CLASSIFICATION OF DISEASES BY CODE*	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Infective and Parasitic Diseases		1	1							1		1			1				1																			3	4	7
Neoplasms												1				1	1			4	1	4	2	7	2	5	3	8	5	3	4	3	2	3	6	39	27	66		
Allergic, Endocrine System, Metabolic and Nutritional Diseases	2				1						1				1				1	2		2					1		1						1	9	4	13		
Diseases of the Blood and Blood-forming Organs															1							1															1	1	2	
Mental, Psychoneurotic and Personality Disorders**														1			1						1	1	1	1		1		1	1					6	3	9		
Diseases of the Nervous System and Sense Organs													1	2	1		1	1		1			1			1	1	1									6	5	11	
Diseases of the Circulatory System							1	2	2	2		5	7	11	5	12	4	41	5	51	12	70	25	139	43	158	77	142	84	125	89	111	80	136	170	1005	604	1609		
Diseases of the Respiratory System	2	2		3								2	1	1	1	1	3		1	2	2		4		1		1	1								16	12	28		
Diseases of the Digestive System												1	2	2	5		4	2	9	2	12	3	6			7	1	3		1	1	1		2	2	52	14	66		
Diseases of the Genitourinary System																										2	1							1			3	1	4	
Deliveries and Complications of Pregnancy, Childbirth and the Puerperium																																							0	
Diseases of the Skin and Cellular Tissue																																							0	
Diseases of the Bones and Organs of Movement																			1											1							1	1	2	
Congenital Malformations	2	1			1								1				1	1											1							3	5	8		
Certain Diseases of Early Infancy																																							0	
Symptoms, Senility and Ill-defined Conditions***	17	15	1	2							1	1	1	1					1					1			1								1	24	22	46		
TOTAL	23	19	2	5	2			1	3	2	2	4	7	13	20	10	5	51	10	69	17	91	33	158	46	175	85	156	92	132	95	115	83	142	180	1168	703	1871		

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

** In Mental, Psychoneurotic and Personality Disorders 9 were due to Alcoholism.

*** Sudden Unexpected Infant Deaths Totaled 34.

AUTOPSIES-DEATHS FROM NATURAL CAUSES

INTERNATIONAL CODE OF CAUSES OF DEATH LISTED BY AGE GROUPS

TABLE 86

CLASSIFICATION OF DISEASES BY CODE*	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
Infective and Parasitic Diseases		1	1						1			1			1								1																3	3	6
Neoplasms											1					1	1		2			2	2	1				2	2		1				1			8	8	16	
Allergic, Endocrine System, Metabolic and Nutritional Diseases	2										1				1			1	2			1				1		1							1			7	4	11	
Diseases of the Blood and Blood-forming Organs															1							1																1	1	2	
Mental, Psychoneurotic and Personality Disorders**										1					1									1	1	1		1										5	1	6	
Diseases of the Nervous System and Sense Organs											1	2	1		1								1				1	1	1										4	5	9
Diseases of the Circulatory System							1	2	2	2		5	5	11	5	10	4	33	3	47	9	36	8	41	13	24	13	26	11	16	7	7	7	18	15	278	103	381			
Diseases of the Respiratory System	2	2		2							2	1	1	1	1	3			1	2	2		2		1		1	1									14	11	25		
Diseases of the Digestive System											1	2	2	4		4	2	8	2	8	2	4			6	1	3			1	1			1	1		41	12	53		
Diseases of the Genito-urinary System																									1	1											1	1	2		
Deliveries and Complications of Pregnancy, Childbirth and the Puerperium																																								0	
Diseases of the Skin and Cellular Tissue																																								0	
Diseases of the Bones and Organs of Movement																				1																			1	1	
Congenital Malformations	1	1									1					1																						1	3	4	
Certain Diseases of Early Infancy																																								0	
Symptoms, Senility and Ill-defined Conditions ***	17	15		2						1	1	1	1		1						1					1										1	1		21	22	43
TOTAL	22	19	1	4				1	3	2	2	4	7	11	19	10	17	8	42	6	61	13	48	14	50	15	34	18	32	15	18	8	9	8	19	19	384	175	559		

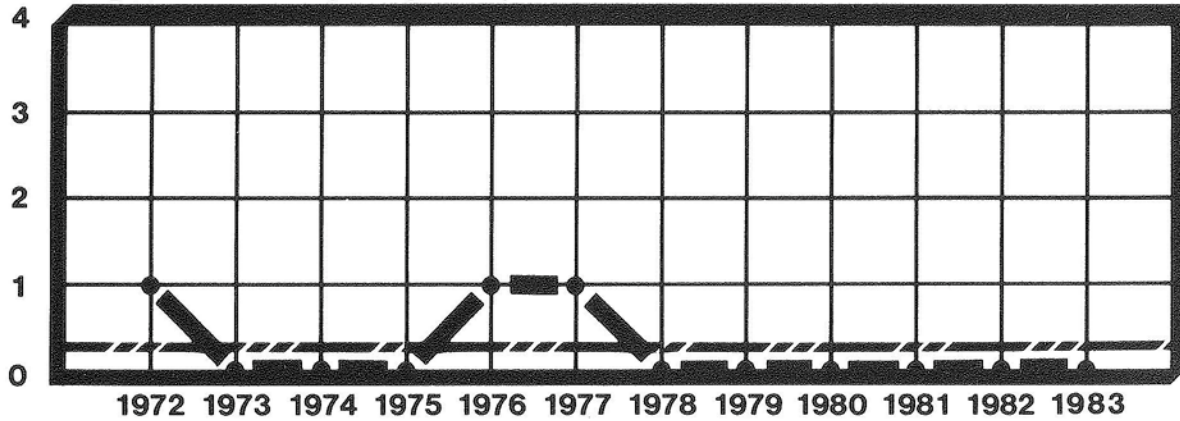
* International Classification of Diseases by World Health Organization: Ninth Revision.

** In Mental, Psychoneurotic and Personality Disorders 6 were due to Alcoholism.

*** Sudden Unexpected Infant Deaths Totalled 34.

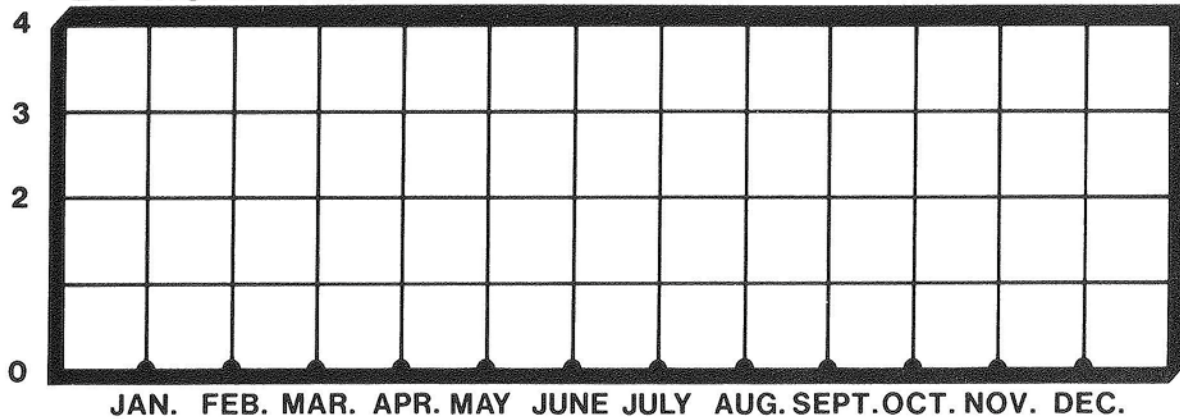
ABORTIONS

FOR A PERIOD OF TWELVE YEARS



0.3 AVERAGE

BY MONTH FOR THE YEAR 1983



0.0 AVERAGE

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

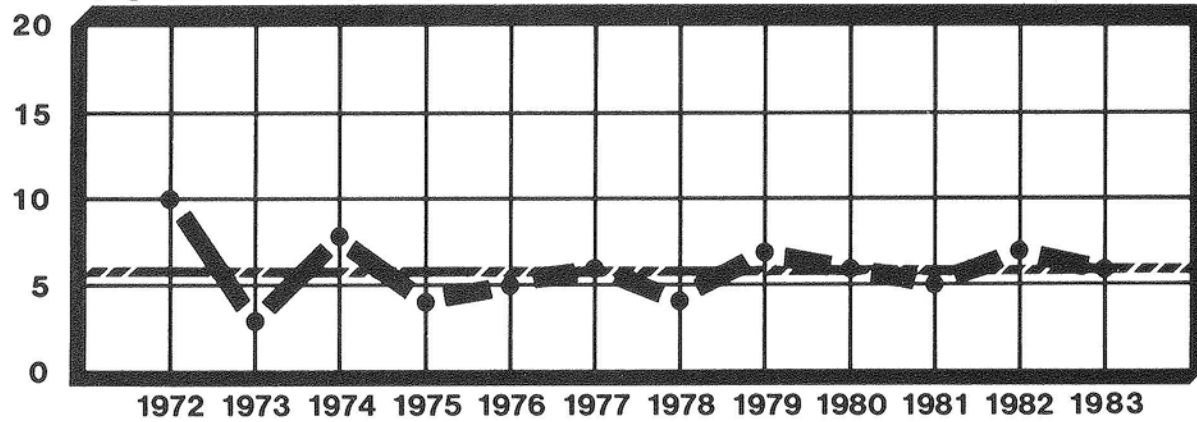
1983
TOTAL CASES
0

ABORTION FATALITIES**TABLE 87**

NO FATALITIES RECORDED IN THIS CATEGORY IN 1983	
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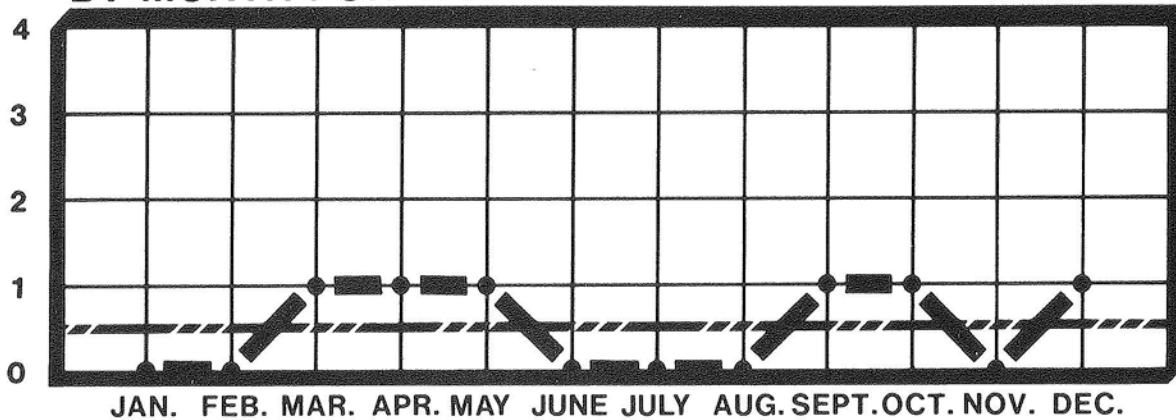
NEONATAL AND INTRA-UTERINE DEATHS

FOR A PERIOD OF TWELVE YEARS



5.9 AVERAGE

BY MONTH FOR THE YEAR 1983



0.5 AVERAGE

		NUMBER	PERCENT
SEX	MALE	3	50
	FEMALE	3	50
RACE	WHITE	3	50
	NON-WHITE	3	50
ALCOHOL	TESTED	0	0
	POSITIVE	0	0
AUTOPSY	AUTOPSIED	4	67

1983
TOTAL CASES
6

NEONATAL AND INTRA-UTERINE DEATHS *

BY MONTH AND AGE GROUPS

TABLE 88

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

* 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.

AUTOPSIES-NEONATAL AND INTRA-UTERINE DEATHS *

BY MONTH AND AGE GROUPS

TABLE 89

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

* 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.

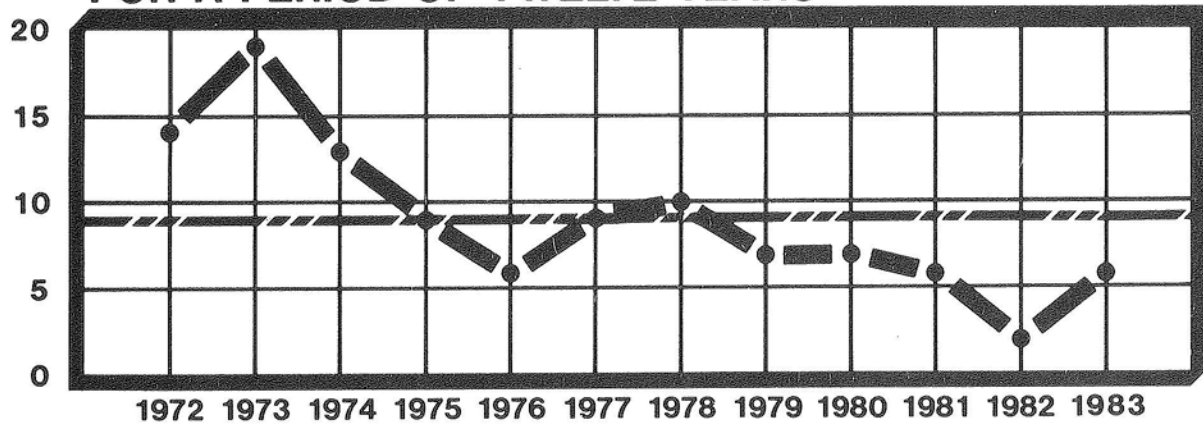
GROUP II - 20 completed weeks of gestation but less than 28.

GROUP III - 28 completed weeks of gestation and over.

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

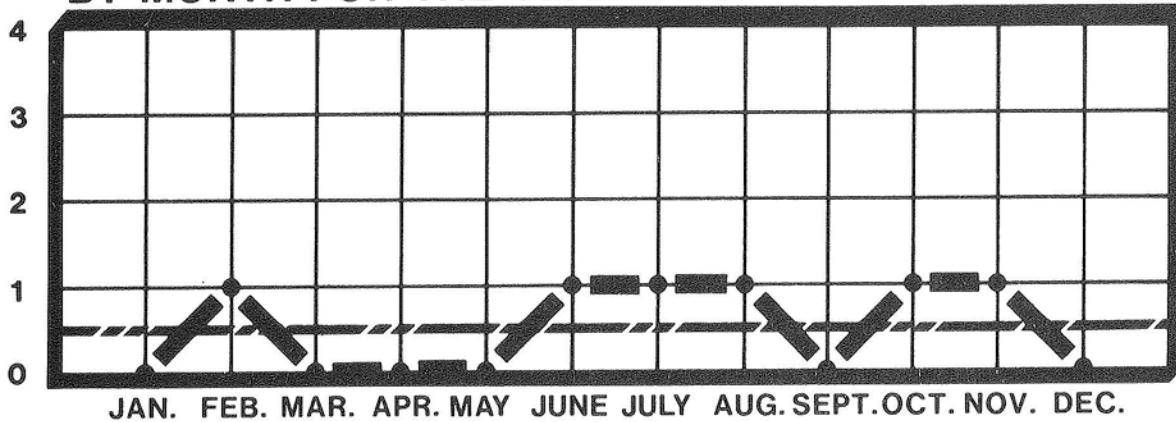
UNDETERMINED CAUSES

FOR A PERIOD OF TWELVE YEARS



9.0 AVERAGE

BY MONTH FOR THE YEAR 1983



0.5 AVERAGE

		NUMBER	PERCENT
SEX	MALE	3	50
	FEMALE	3	50
RACE	WHITE	5	83
	NON-WHITE	1	17
ALCOHOL	TESTED	6	100
	POSITIVE	1	17
AUTOPSY	AUTOPSIED	6	100

1983
TOTAL CASES
6

DEATHS FROM UNDETERMINED CAUSES

TABLE 90

COLOR	SEX	AGE	MARITAL STATUS	DATE OF DEATH	OCCUPATION	WHERE DEATH OCCURRED	CASE NUMBER
White	Male	26	Single	2-19-83	Dye Maker	Richmond Heights	186227
White	Female	14	Single	6-14-83	Student	Cleveland	187136
White	Female	24	Married	7- 8-83	Banker	Parma	187355
Black	Male	53	Divorced	8-18-83	School Teacher	Cleveland	187685
White	Male	70	Divorced	10-26-83	Purchasing	Cleveland	188178
White	Female	60	Unknown	11-29-83	Unknown	Cleveland	188456

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

Advanced postmortem decomposition in 3 cases.

Toxicology examination and alcohol determination conducted on 6 cases.

Alcohol determination resulted in 1 positive case and 5 negative cases.

TOXICOLOGY LABORATORY REPORT

INCIDENCE OF POISONINGS (%) IN TESTED INDIVIDUALS

TABLE 91

CUYAHOGA COUNTY CORONER'S OFFICE

	NUMBER OF DECEDENTS	NUMBER OF FATAL POISONINGS
POSTED	1517 (51.30%)	105 (90.52%)
NON-POSTED	1440 (48.70%)	5 (4.31%)
NO SAMPLES*	(729) (24.65%)	6 (5.17%)
TOTAL	2957 (100%)	116 (100%)

* No specimen submitted for toxicological analysis.

OUTSIDE REFERRING AGENCIES

SOURCE	NUMBER
HOSPITALS*	975 (77.32%)
OTHER CORONERS' JURISDICTION	102 (8.09%)
POLICE	184 (14.59%)
TOTAL	1261 (100%)

* Includes in- and out-patients.

TOXICOLOGY LABORATORY REPORT

INCIDENCE AND FREQUENCY OF POSITIVE FINDINGS

TABLE 91A

SUBSTANCES	CUYAHOGA COUNTY CORONER'S LABORATORY CASES ¹				OUTSIDE REFERRING AGENCIES ²	
	ALL CASES		FATAL POISONINGS		POSITIVE CASES	
	INCIDENCE	%	INCIDENCE	%	INCIDENCE	%
Acetaminophen	138	(4.6)	15	(0.9)	93	(8.6)
Barbiturates	40	(1.3)	10	(8.6)	59	(5.5)
Amobarbital	2	(0.07)	2	(1.7)	5	(0.5)
Butobarbital	1	(0.03)			1	(0.09)
Butalbital	1	(0.03)			15	(1.4)
Pentobarbital	3	(0.1)	2	(1.7)		
Phenobarbital	31	(1.0)	3	(2.6)	31	(2.9)
Secobarbital	2	(0.07)	3	(2.6)	7	(0.6)
Benzodiazepines	203	(6.8)	52	(44.8)	206	(19.1)
Chlor diazepoxide	8	(0.3)	2	(1.7)	8	(0.7)
Chlonazepam					1	(0.09)
Diazepam	71	(2.4)	18	(15.5)	77	(7.1)
n-desmethylchlor diazepoxide	7	(0.2)	2	(1.7)	10	(0.9)
n-desmethyl diazepam	78	(2.6)	19	(16.3)	64	(5.9)
Demoxepam	8	(0.3)	2	(1.7)	9	(0.8)
n-desalkylflurazepam	19	(0.6)	5	(4.3)	14	(1.3)
Flurazepam	8	(0.3)	2	(1.7)	6	(0.6)
Oxazepam	4	(0.1)	2	(1.7)	12	(1.1)
Prazepam					2	(0.2)
Temazepam					3	(0.3)
Brompheniramine	6	(0.2)			5	(0.5)
Caffeine					2	(0.2)
Carbon Monoxide	52	(1.8)	52	(44.8)	13	(1.2)
Carbamazepine	2	(0.07)			2	(0.2)
Chlorpheniramine	19	(0.6)			15	(1.4)
Chlorpropamide	13	(0.4)			5	(0.5)
Cimetidine	3	(0.1)	1	(0.9)	2	(0.2)
Cocaine	8	(0.3)	3	(2.6)	5	(0.5)
Cocaine Metabolite	10	(0.3)	4	(3.4)	13	(1.2)

TOXICOLOGY LABORATORY REPORT

INCIDENCE AND FREQUENCY OF POSITIVE FINDINGS

TABLE 91A cont.

SUBSTANCES	CUYAHOGA COUNTY CORONER'S LABORATORY CASES ¹				OUTSIDE REFERRING AGENCIES ²	
	ALL CASES		FATAL POISONINGS		POSITIVE CASES	
	INCIDENCE	%	INCIDENCE	%	INCIDENCE	%
Cogentin	2	(0.07)	1	(0.9)	2	(0.2)
Corrosives	1	(0.03)	1	(0.9)		
Dextromethorphan	6	(0.02)	3	(2.6)	2	(0.2)
Diphenhydramine	19	(0.6)	3	(2.6)	23	(2.1)
Disopyramide	4	(0.1)				
Doxylamine	10	(0.3)	2	(1.7)	7	(0.6)
Ethylene Glycol	1	(0.03)	1	(0.9)		
Glutethimide	1	(0.03)			1	(0.09)
Hydroxyzine					1	(0.09)
Ketamine	5	(0.02)				
Lidocaine	169	(5.7)	12	(10.3)	17	(1.6)
Lithium	1	(0.03)	1	(0.9)		
Meperidine	26	(0.9)	4	(3.4)	19	(1.8)
Meprobamate	1	(0.03)	1	(0.9)	11	(1.0)
Methaqualone	1	(0.03)			1	(0.09)
Methadone	7	(0.2)	1	(0.9)	11	(1.0)
Methadone Metabolite	4	(0.1)			11	(1.0)
Methapyrilene	1	(0.03)				
Normeperidine	22	(0.7)	4	(3.4)	19	(1.8)
Norpropoxyphene	29	(1.0)	12	(10.3)	28	(2.6)
Opiates	55	(1.8)	12	(10.3)	38	(3.5)
Codeine	33	(1.1)	5	(4.3)	14	(1.3)
Hydrocodone					1	(0.09)
Hydromorphone	4	(0.1)	4	(3.4)	4	(0.4)
Morphine	15	(0.5)	2	(1.7)	16	(1.5)
Oxycodone	3	(0.1)	1	(0.9)	3	(0.3)
Pentazocine	8	(0.3)	1	(0.9)	7	(0.6)
Phencyclidine	5	(0.2)			10	(0.9)

TOXICOLOGY LABORATORY REPORT

INCIDENCE AND FREQUENCY OF POSITIVE FINDINGS

SUBSTANCES	CUYAHOGA COUNTY CORONER'S LABORATORY CASES ¹				TABLE 91A cont. OUTSIDE REFERRING AGENCIES ²	
	ALL CASES		FATAL POISONINGS		POSITIVE CASES	
	INCIDENCE	%	INCIDENCE	%	INCIDENCE	%
Phenothiazines	22	(0.7)	5	(4.3)	38	(3.5)
Chlorpromazine	5	(0.2)	2	(1.7)	12	(1.1)
Thioridazine	6	(0.2)	3	(2.6)	5	(0.5)
Mesoridazine	1	(0.03)			2	(0.2)
Others	10	(0.3)			19	(1.8)
Phentermine	1	(0.03)	1	(0.9)		
Phenytoin	39	(1.3)	3	(2.6)	19	(1.8)
Placidyl	1	(0.03)			4	(0.4)
Propoxyphene	22	(0.7)	11	(9.5)	20	(1.8)
Propranolol	5	(0.2)			2	(0.2)
Primadone	2	(0.07)	1	(0.9)	2	(0.2)
Pyrilamine	2	(0.07)	2	(1.7)		
Quinidine	5	(0.2)			2	(0.2)
Quinine	7	(0.2)	1	(0.9)	2	(0.2)
Tricyclic Antidepressants	75	(2.5)	34	(29.3)	71	(6.6)
Amitriptyline	19	(0.6)	8	(6.9)	24	(2.2)
Amoxapine	2	(0.07)	2	(1.7)	3	(0.3)
Desipramine	10	(0.3)	7	(6.0)	7	(0.6)
Doxepin	7	(0.2)	2	(1.7)	4	(0.4)
Imipramine	10	(0.3)	4	(3.4)	5	(0.5)
Loxapine					1	(0.09)
Nordoxepin	7	(0.2)	2	(1.7)	3	(0.3)
Nortriptyline	20	(0.7)	9	(7.8)	24	(2.2)
Salicylate	106	(3.6)	9	(7.8)	76	(7.0)

TOXICOLOGY LABORATORY REPORT

INCIDENCE AND FREQUENCY OF POSITIVE FINDINGS

TABLE 91A cont.

SUBSTANCES	CUYAHOGA COUNTY CORONER'S LABORATORY CASES ¹				OUTSIDE REFERRING AGENCIES ²	
	ALL CASES		FATAL POISONINGS		POSITIVE CASES	
	INCIDENCE	%	INCIDENCE	%	INCIDENCE	%
Sympathomimetics	31	(1.0)	3	(2.6)	78	(7.2)
Amphetamine	1	(0.03)			5	(0.5)
Methamphetamine	1	(0.03)			5	(0.5)
Ephedrine	10	(0.3)	1	(0.9)	24	(2.2)
Phendimetrazine	1	(0.03)				
Phenmetrazine	1	(0.03)				
Phentermine					8	(0.7)
Phenylpropanolamine	17	(0.6)	2	(1.7)	36	(3.3)
Theophylline	11	(0.4)	1	(0.9)		
Tripelennamine	13	(0.4)	4	(3.4)	2	(0.2)
Volatiles	496	(15.9)	46	(39.6)	238	(22.1)
Isopropanol/Acetone	10	(0.3)	1	(0.9)	8	(0.7)
Methanol	1	(0.03)			1	(0.09)
Ethanol	485	(16.3)	45	(38.8)	229	(21.3)
Totals	1710		317		1182	

1. All autopsied decedents from whom specimens were submitted and 20% of the remaining unautopsied decedents randomly selected 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 and decedents in other coroners' jurisdictions; excluded are data from 184 police arrests, 169 of which were positive for ethanol.

* Completely Evaluated - as defined by items 2 – 10 on Table 92.

TOXICOLOGY LABORATORY REPORT

INCIDENCE OF ANALYTES IN POSITIVE CASES *

TABLE 91B

SUBSTANCES	CUYAHOGA COUNTY CORONER'S LABORATORY CASES		OUTSIDE REFERRING AGENCIES
	ALL CASES (%)	FATAL POISONINGS (%)	POSITIVE CASES (%)
Volatiles **	50.4	Benzodiazepines 49.5	Volatiles 36.1
		Carbon Monoxide 49.5	
Benzodiazepines **	20.6	Volatiles 43.8	Benzodiazepines 31.2
Lidocaine	17.1	Tricyclics 29.5	Acetaminophen 14.1
Acetaminophen	14.0	Acetaminophen 14.3	Sympathomimetics 11.8
Salicylate	10.8	Opiates 11.4	Salicylate 11.5
		Lidocaine 11.4	
Tricyclics	7.6	Propoxyphene 10.5	Tricyclics 10.8
Opiates	5.6	Barbiturates 9.5	Barbiturates 8.9
Carbon Monoxide	5.3	Salicylate 8.6	Opiates 5.8
			Phenothiazines 5.8
Barbiturates	4.1	Phenothiazines 4.8	Propoxyphene 3.0
Phenytoin	4.0	Cocaine Metabolite 3.8	Meperidine 2.9
		Meperidine 3.8	Phenytoin 2.9
		Tripeleminamine 3.8	

* A "Positive Case" is one wherein an exogenous chemical substance was detected in any quantity.

** As defined in Table 92.

TOXICOLOGY LABORATORY REPORT

NUMBER OF TESTS PERFORMED

TABLE 92

DRUG GROUP	CUYAHOGA COUNTY CORONER'S LABORATORY CASES			OUTSIDE REFERRING AGENCIES TESTS ¹⁴	TOTALS
	STD ¹²	QC ¹³	TESTS ¹⁴		
Antiepileptic drugs ¹	680	136	428	376	1,620
Barbiturates ²	2,296	1,539	17,754	9,912	31,501
Benzodiazepines ³	4,971	333	13,888	7,008	26,200
Carbon monoxide		394	481	96	971
Spot Tests ⁴	17,103	17,907	31,757	14,950	81,717
Cocaine metabolite ⁵	230		917	510	1,657
Neutral drugs ⁶	2,818	1,855	22,928	9,752	37,353
Opiates ⁷	579	412	11,200	3,075	15,266
Organic bases ⁸	11,078	6,702	102,458	52,842	173,080
Phencyclidine	74		101	452	627
Salicylate	180	112	1,595	610	2,497
Sympathomimetics ⁹	922		14,720	7,192	22,834
Volatiles ¹⁰	7,166	1,383	24,008	12,204	44,761
Xanthenes ¹¹	1,362	142	2,634	417	4,555
TOTAL	49,459	30,915	244,869	119,396	444,639

TOXICOLOGY LABORATORY REPORT 1983

AGENTS INCLUDED IN DRUG GROUPS

on Table 92

- 1) Primadone, Phenytoin, Carbamazepine and Phenobarbital.
- 2) Amobarbital, Butobarbital, Butalbital, Pentobarbital and Secobarbital.
- 3) Chlordiazepoxide, Diazepam, Flurazepam, N-Desalkylflurazepam, N-Desmethylchlordiazepoxide, N-Desmethyldiazepam, Demoxepam and Oxazepam.
- 4) Ethchlorvynol, Acetaminophen, Salicylate, Glucose and Ketone Bodies.
- 5) Benzoylcegonine.
- 6) Glutethimide, Meprobamate, Methaqualone, Methyprylon, Chlorpropamide and Tolbutamide.
- 7) Codeine, Hydrocodone, Hydromorphone, Morphine and Oxycodone.
- 8) 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, Pentazocine, Phencyclidine, Phenyltoloxamine, Pheniramine, Promethazine, Propoxyphene, Protriptyline, Pylamine, Propranolol, Quinine, Quinidine, Trimpramine and Tripeleminamine.
- 9) Amphetamine, Methamphetamine, Ephedrin, Phenmetrazine, Phendimetrazine, Phentermine, Mephentermine and Phenylpropanolamine.
- 10) Acetone, Ethyl Alcohol, Isopropanol and Methanol.
- 11) Acetaminophen, Caffeine and Theophylline.
- 12) STD'S equals Number of standards tested for a given drug group.
- 13) QC equals Number of quality control tests performed for a given drug group.
- 14) Number of tests performed for a given drug group.

TOXICOLOGY LABORATORY REPORT

PROFICIENCY STUDIES

TABLE 92A

Agency	Survey Type	Number of Surveys	Number of Samples		Number of Substances Found
			Blood	Urine	
College of American Pathologists (CAP)	Basic Toxicology Survey	4	13	7	40
College of American Pathologists (CAP)	Advanced Toxicology Survey	4	14	6	58
Center for Disease Control	Therapeutic Drug Monitoring	3	12		28
Center for Disease Control	Emergency Room Toxicology	2	3	2	8
Department of Transportation (Federal)	Alcohol	2	8		8
Italian Istituto di Medicina Legale dell 'Universita di Padova	Drugs of Abuse	5		30	85
Ohio Department of Health	Alcohol	2	14		13
Pennsylvania Department of Health	Drugs of Abuse	4		16	58
Wisconsin State Laboratory of Hygiene	Alcohol	11	22	5	27
Others	General Toxicology	2	2	1	14
Total		39	88	67	339

In 1983 the Cuyahoga County Coroner's Office Toxicology Laboratory participated in 39 proficiency surveys. The performance of the laboratory was rated satisfactory by the agencies conducting the surveys. All qualitative results were correct.

TOXICOLOGY LABORATORY REPORT

SUBSTANCES INVOLVED IN FATAL POISONINGS *

TABLE 93

SUBSTANCES	ACCIDENT	SUICIDE	TOTAL
<u>Single Chemical Agent:</u>			
Acetaminophen		1	1
Amitriptyline	1	1	2
Amoxapine		2	2
Bichloride of Mercury		1	1
Chlorpromazine		1	1
Cocaine	1		1
Codeine	1		1
Demerol	1		1
Desipramine		2	2
Doxepin		1	1
Ethylene Glycol	1		1
Imipramine	1	2	3
Isopropyl Alcohol	1		1
Lithium		1	1
Opiate	6		6
Pentobarbital		1	1
Propoxyphene	2		2
Theophylline		1	1
TOTAL	15	14	29
<u>Combined Effects of Ethanol and:</u>			
Diazepam	1		1
Dilaudid	1		1
Imipramine		1	1
Opiate	1		1
Propoxyphene	1		1
Amobarbital and Secobarbital	1		1
Propoxyphene and Acetaminophen		1	1
Propoxyphene and Phenobarbital	1		1
Propoxyphene and Meprobamate		1	1
Acetaminophen, Diazepam and Opiate	1		1
Propoxyphene, Acetaminophen and Diazepam	1**		1
Amitriptyline, Chlordiazepoxide, Desmethyldiazepam and Oxazepam		1	1
TOTAL	8	4	12

TOXICOLOGY LABORATORY REPORT

SUBSTANCES INVOLVED IN FATAL POISONINGS *

TABLE 93 cont.

SUBSTANCES	ACCIDENT	SUICIDE	TOTAL
<u>Combined Effects of Two Chemical Agents:</u>			
Amitriptyline and Diazepam		1	1
Amobarbital and Secobarbital		1	1
Codeine and Flurazepam	1		1
Digoxin and Doxepin		1	1
Butalbital and Acetaminophen		1	1
Pentazocine and Tripeleennamine	1		1
Propoxyphene and Diazepam		1	1
TOTAL	2	5	7
<u>Combined Effects of Three Chemical Agents:</u>			
Amitriptyline, Diazepam and Thiordazine		1	1
Diazepam, Codeine and Meperidine	1		1
Pentobarbital, Nortriptyline and Primidone		1	1
Placidyl, Benzodiazepine and Methadone	1		1
Propoxyphene, Diazepam and Flurazepam		1	1
Thiordazine, Acetaminophen and Diazepam		1	1
TOTAL	2	4	6
<u>Combined Effect of Four Chemical Agents:</u>			
Amitriptyline, Phenobarbital, Diazepam and Oxycodone	1		1
Hydromorphone, Cocaine, Pheniramine and Pyrilamine	1		1
Propoxyphene, Meperidine, Diazepam and Diphenhydramine	1		1
TOTAL	3		3
<u>Combined Effects of Six Chemical Agents:</u>			
Secobarbital, Amitriptyline, Propoxyphene, Methadone, Codeine and Diazepam		1	1
TOTAL		1	1
GRAND TOTAL	30	28	58

* Excluding Carbon Monoxide

** Manner Undetermined

TOXICOLOGY LABORATORY REPORT

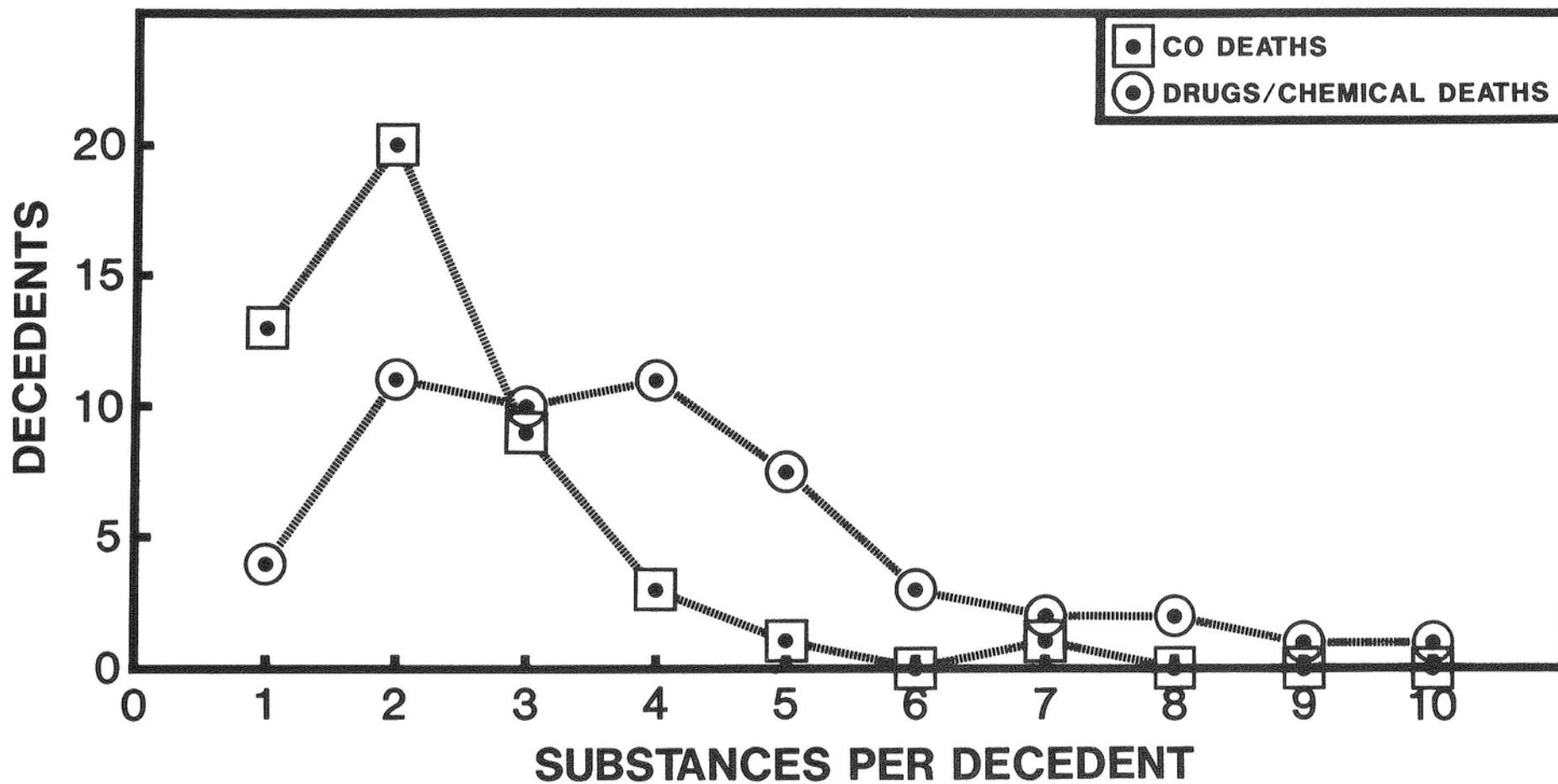
CARBON MONOXIDE FATALITIES

TABLE 93A

SUBSTANCE	ACCIDENTAL			SUICIDE	HOMICIDE	TOTAL
	SMOKE	AUTO EXHAUST	NATURAL GAS	AUTO EXHAUST	SMOKE	
Carbon Monoxide	11	2		7	2	22
Carbon Monoxide and Ethanol	5	2	1	5		13
Carbon Monoxide, Ethanol and Other Medications						
Acetaminophen		1				1
Acetaminophen and Codeine				1		1
Acetaminophen and Flurazepam				1		1
Cocaine Metabolite		1				1
Diazepam and n-desmethyldiazepam	1					1
Diphenhydramine				1		1
Desipramine				1		1
Doxylamine				1		1
Lidocaine		1				1
Salicylate		1		1		2
Carbon Monoxide and Other Medications						
Acetaminophen				1		1
Acetaminophen and Codeine	1					1
Acetaminophen, Codeine and Quinine				1		1
Amitriptyline and Nortriptyline				1		1
Diazepam, n-desmethyldiazepam, n-desalkyl - flurazepam, Propoxyphene, Norpropoxyphene and Dextromethorphan	1					1
Desmethyldiazepam				1		1
Desalkylflurazepam / Lidocaine				1	1	2
Phenothiazines and Chlorpromazine				1		1
Phenylpropanolamine				1		1
Salicylate	1			1		2
TOTAL	20	8	1	26	3	58

INCIDENCE OF MULTIPLE DRUG INGESTIONS

(FINDINGS FROM 116 POISONING FATALITIES)



TOXICOLOGY LABORATORY REPORT

POISONING FATALITIES 1972 - 1983

TABLE 93B

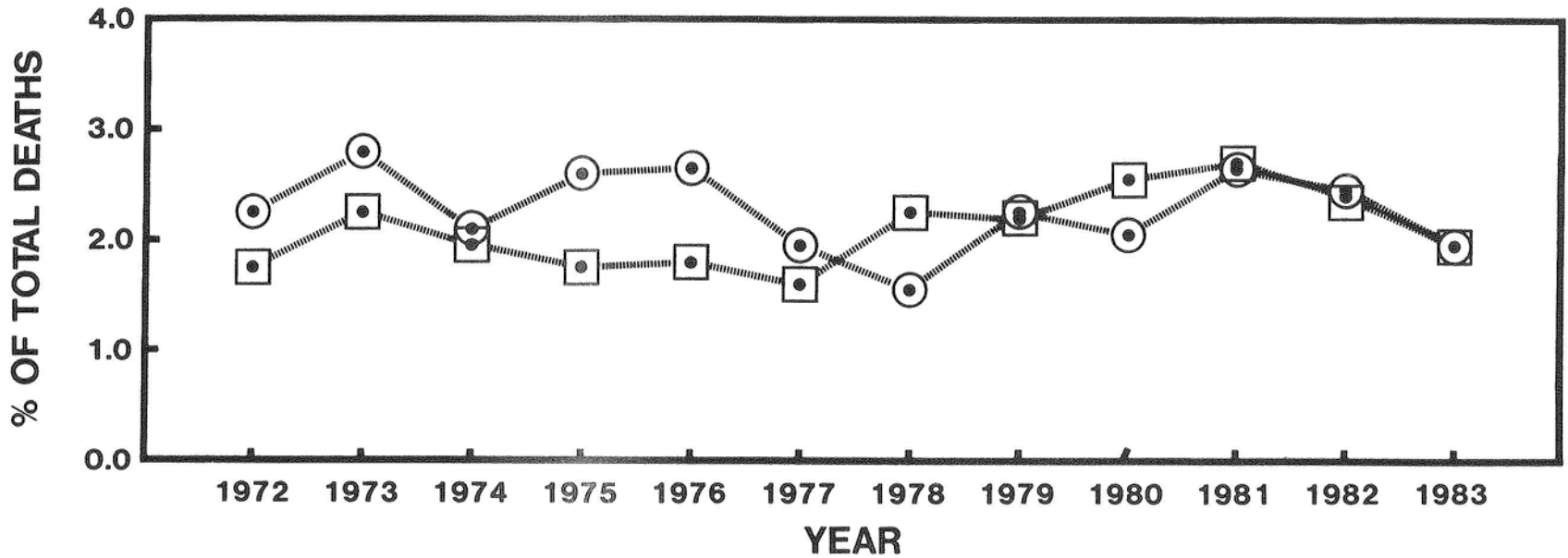
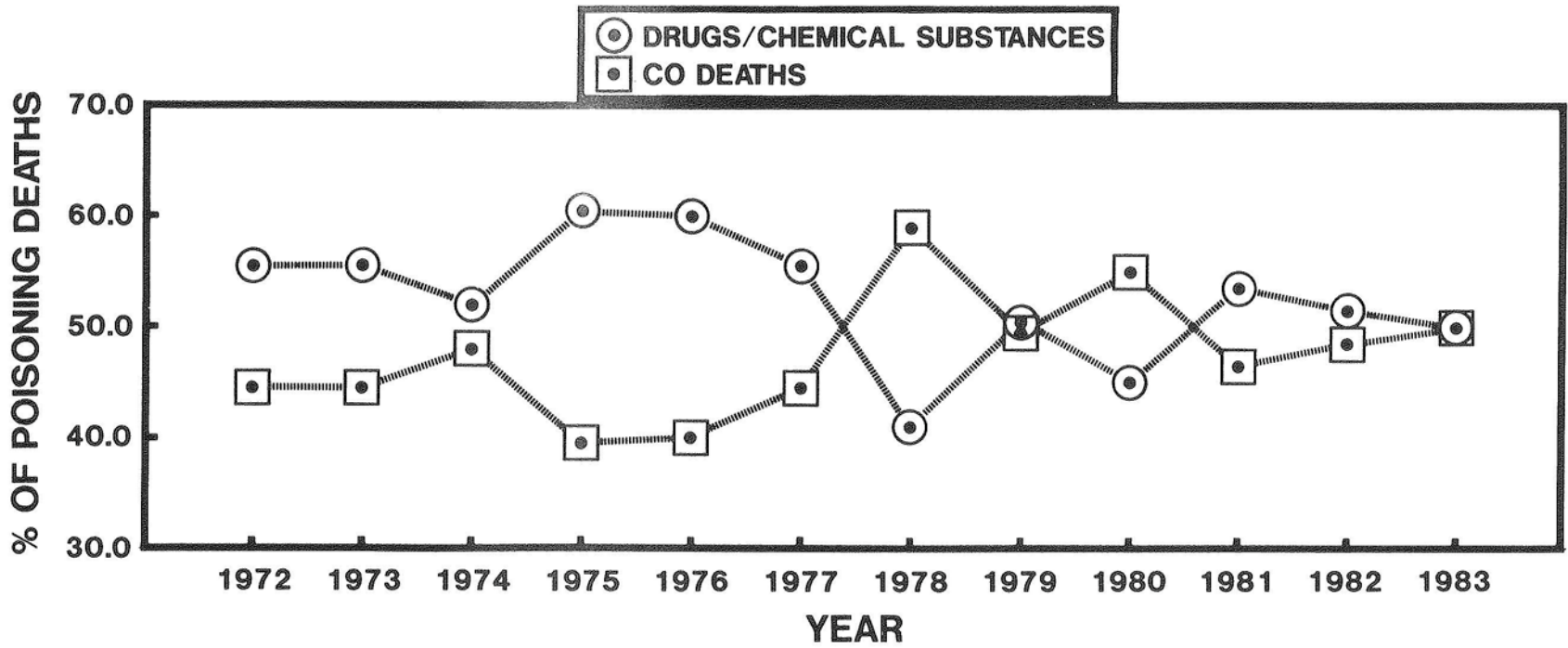
YEAR	ACCIDENTS						HOMICIDE		SUICIDE		UNDETERMINED**		TOTAL	
	HOME		WORK		OTHER PLACES		CO	OTHERS*	CO	OTHERS*	CO	OTHERS*	CO	OTHERS*
	CO	OTHERS*	CO	OTHERS*	CO	OTHERS*								
1972	33	39			7	9			38	46		4	78	98
1973	54	48			8	11			35	59	1	4	98	122
1974	44	43			1	5			36	39	2	2	83	89
1975	38	55			4	18	1	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		26	28	1	1	58	58
TOTAL	427	419	2	1	39	103	24	4	414	466	15	39	921	1032
GRAND TOTAL	846		3		142		28		880		54		1953	

* Drugs and Chemical Substances other than CO.

** Manner Undetermined.

CO is Carbon Monoxide.

TRENDS IN FATAL POISONINGS



TRACE EVIDENCE LABORATORY

TABLE 94

	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	788	(88)	(27)	10	799
SPECIMENS SUBMITTED	2086	457	(77)	78	2621
EXAMINATIONS	3163	1838	(103)	294	5295

* The 788 Coroner's Cases requiring Trace Evidence Examinations represents 37.53% of the total Cuyahoga County Coroner's Cases for 1983.

** 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.

Actual time spent testifying at court 25 hours and 10 minutes.

TRACE EVIDENCE LABORATORY

TABLE 94A

EXAMINATIONS	CUYAHOGA COUNTY CORONER'S CASES	OTHER CORONER'S CASES	SPECIMENS FROM OTHER SOURCES ** RE: CORONER'S CASES	SPECIMENS FROM OTHER SOURCES ** NOT RE: CORONER'S CASES	TOTAL
ACID PHOSPHATASE Specimens from bodies	83	(12)			83
Stains	8			1	9
Electrophoretic determination	138	(15)		10	148
MICROSCOPIC EXAMINATION FOR SPERMATOZA Specimens from bodies	91	(12)		4	95
Stains	8			5	13
BLOOD DETECTION Presumptive Tests	7		451	127	585
BLOOD GROUP DETERMINATION Fluid Blood	768	(25)	26	9	803
Stains	11		189	34	234
PRECIPITIN TESTS Species Identification	11		168	47	226
ELECTROPHORESIS	387	(6)	362	36	785
CLOTHING DESCRIPTIONS Descriptions	125	(1)			125
Inspections	188	(8)			188
Stereomicroscope Examinations	53		118		171
GUNFIRE RESIDUE DETECTION TESTS Clothing and Related Items	145		8		153
Targets	5		22		27

TRACE EVIDENCE LABORATORY

TABLE 94A cont.

EXAMINATIONS CONTINUED	CUYAHOGA COUNTY CORONER'S CASES	OTHER CORONER'S CASES	SPECIMENS FROM OTHER SOURCES ** RE: CORONER'S CASES	SPECIMENS FROM OTHER SOURCES ** NOT RE: CORONER'S CASES	TOTAL
HAND EXAMINATIONS					
Trace Metal Detection	257	(6)	3		260
Gunshot Residue (Harrison-Gilroy Test)	253	(5)	2		255
MICROSCOPIC EXAMINATIONS					
Fingernail Scrapings	17	(3)			17
Gastric Contents	26	(1)			26
Hair	14		180	6	200
Fibers	11		38		49
Paint	9		13		22
Glass	12		101		113
STEREOMICROSCOPIC EXAMINATIONS					
Powder grains	85	(4)			85
Miscellaneous	143				143
PHYSICAL MATCH	1		9		10
HISTOLOGIC STUDIES	8		11		19
IDENTIFICATION PROCEDURES	6				6
LIGATURES	52	(5)			52
ITEMS INSPECTED-no relevant findings	241		137	15	393
TOTAL	3163	(103)	1838	294	5295

HISTOLOGY LABORATORY

TABLE 95

	CUYAHOGA COUNTY CORONER'S OFFICE	OTHER SOURCES	TOTAL
<u>TISSUE SPECIMENS RECEIVED FROM:</u>			
AUTOPSIES	1404	55	1459
BIOPSIES, ETC.	6		6
TOTAL	1410	55	1465
SECTIONS PREPARED	30,855	1181	32,036
BLOCKS PREPARED	18,501	755	19,256
TOTAL	49,356	1936	51,292
<u>SLIDES PREPARED AND STAINED:</u>			
ROUTINE HEMATOXYLIN – EOSIN	18,786	733	19,519
RESEARCH HEMATOXYLIN – EOSIN	153		153
UNSTAINED SLIDES	326		326
TEACHING SLIDES	40	1	41
SMEARS	147	31	178
<u>SPECIAL STAINS FOR DEMONSTRATION OF:</u>			
ACID FAST BACTERIA	6		6
AMYLOID	19		19
E.V.G.	2		2
IRON	13		13
MYELIN	2		2
FUNGUS	13		13
P.A.S.	17		17
FAT	6		6
JONES	5		5
TRICHROME	1		1
ACID MUCOPOLSACCHARIDES	2		2
TOTAL	19,538	765	20,303

PHOTOGRAPHIC DEPARTMENT

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.

For the purpose of selecting the film that would best satisfy our needs, a study which included practical tests and standard routine use was conducted by the Photographic Department of the Cuyahoga County Coroner's Laboratories.

Various materials were evaluated on the basis of the following demands on photography for medicolegal purposes:

1. Accurate record of visible evidence.
2. Maintenance of uninterrupted chain of possession of photographic records.
3. Ability to produce multiple prints of equal quality on paper or projection slides in color and in black and white.
4. Low cost per unit.

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.

The studies evaluating color photographic materials commercially available demonstrates that 35mm negative color film satisfied all requirements cited above. This system yields unique advantages by providing wider exposure latitude and permits color control after exposure spanning a wide range of deviations.

PHOTOGRAPHIC DEPARTMENT REPORT

COLOR NEGATIVES	16,512
COLOR PRINTS	13,555
BLACK AND WHITE NEGATIVES	800
BLACK AND WHITE PRINTS	500
POLAROID PRINTS	45
COLOR SLIDES ADDED TO THE FILE	1,550

LABORATORY FORENSIC ODONTOLOGY

EXAMINATIONS	CUYAHOGA COUNTY CORONER'S CASES	OTHER CORONER'S CASES	TOTAL
Number of cases examined	29	3	32
Dental charting	24	2	26
Intra-oral x-rays	24	2	26
Comparison with antemortem dental records	19	1	20
Extractions for histology and age estimations	3	0	3
Bite mark analysis	4	1	5
Full denture analysis or edentulous	1	0	1
Single tooth analysis	1	0	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.

Two hundred and ten radiographs were made in 1983.

ANTHROPOLOGY REPORT

NUMBER OF CASES	8 *
POSITIVE IDENTIFICATION	7
NO POSITIVE IDENTIFICATION	1
FACIAL RECONSTRUCTION	2

PAPERS DELIVERED:

The locomotor anatomy of *A. afarensis*. Sympos. on the Locomotor Anatomy of *A. afarensis*. Inst. for Hum. Orig., Berkeley, Ca., April, 1983.

Estimation of adult age at death based on the lateral-anterior sutures. 52nd Ann. Meeting, Am. Ass. Phys. Anthrop., Ind., Indiana, April, 1983.

* includes 3 cases for other counties.

PUBLICATIONS BY MEMBERS AND ASSOCIATES OF THE STAFF
OF THE CUYAHOGA COUNTY CORONER'S OFFICE FOR 1983

1. Adelson, L., Foreword to: *The Suicidal Patient: Recognition, Intervention and Management*, by Victor M. Victoroff, M.D., Medical Economics Books, Oradell, New Jersey, 1983.
2. Drost, R., Deolens, M., Maes, A. and Sunshine, I., "Determination of Ethoheptazine in Human Post Mortem Material," *J. of Chrom.* 277, 352-355, 1983.
3. Frazer, M., "The Female Homicide Victim: Trends in a Metropolitan County (1968 - 1980)." *J. of Forensic Sciences*, 28:3, 577-587, July, 1983.
4. Frazer, M. and Rosenberg, S., "Russian Roulette with a Knife," *J. of Forensic Sciences*, 28:1, 268-272, Jan., 1983.
5. Frazer, M. and Rosenberg, S., "A Case of Suicidal Ligature Strangulation," *The Amer. Jour. of Forensic Medicine and Pathology*, 4:4, 351-354, Dec., 1983.
6. Hepler, B. and Purdy, W., "Use of a Dual Coulometric-Amperometric Detection Cell Approach in Thyroid Hormone Assay," *J. Liquid Chromatog.*, 6, 2275-2310, 1983.
7. Imajo, T., "Suicide by Motor Vehicle," *J. of Forensic Sciences*, 28:1, 83-89, Jan., 1983.
8. Kutz, F., Strassman, S., Sperling, J., Cook, B., Sunshine, I. and Tessari., "A Fatal Chlordane Poisoning," *Clin. Tox.*, 20, 167-174, 1983.
9. Mortimer, E. Jr., Jones, P., and Adelson, L., "DPT and SIDS," *Pediatric Infectious Disease (Correspondence)*, 2:492-493, Nov.-Dec., 1983.
10. Simmelink, J., Wong, K. and Klein, L., "SEM/X-ray Microanalysis of Strontium Effects on Teeth and Bones," *J. Dent.Res.*, 62:Abst. 1067, 1983.
11. Sunshine, I., "Dr. Alexander O. Gettler's Documentation of a Radiation Hazard," *Am. J. Forensic Medicine and Pathology*, 4, 307-309, 1983.
12. Sutheimer, C., Hepler, B. and Sunshine, I., "Emit-st Screening for Drugs of Abuse: Methaqualone," *J. Anal. Tox.*, 7, 83-85, 1983.
13. Sutheimer, C., Hepler, B., Sebrosky, G. and Sunshine, I., "Opiates: Coulochem Application." ESA Application Note CL 7-83 (ESA, Bedford, Mass.), 1983.

LECTURES GIVEN BY THE STAFF – 1983

Lester Adelson, M.D., Chief Deputy Coroner *

- January:** Morning Exchange.
- Preceptor Group, Second year medical students, "Coroner's Office in Action."
- Alpha Omega Dental Fraternity, "Death is the Beginning. . . . Reflections of a Forensic Pathologist."
- Conference on Medical Witnessmanship, University Hospital Outpatient Medical Staff.
- February:** College Seminar, Case Western Reserve University Law Medicine Center at the Cuyahoga County Coroner's Office, "Criminal Justice."
- The Cincinnati Society of Pathologists dinner, "Spontaneous Human Combustion and Preternatural Combustibility."
- Department of Pathology, University of Cincinnati, "The Coroner of Elsinore; Medicolegal Reflections on Hamlet."
- Cuyahoga Community College, "Paramedic Supervision."
- March:** American Medical Student Association, "Handgun Violence: The Public Health Problem and Strategies for Intervention."
- April:** University Club of Cleveland, Cleveland Woman Lawyers Association, "The Anatomy of Justice."
- Carver Park Multi Purpose Center Nursing Assistant Program, "You and the Coroner's Office."
- May:** St. Alexis Hospital School of Nursing, Senior Students, "The Coroner and His Responsibilities."
- Medical Jurisprudence Class, Second year medical students, "The Physician on the Witness Stand."
- Southwest General Hospital, "The Coroner and Pre-Hospital Personnel."

LECTURES GIVEN BY THE STAFF - 1983

Lester Adelson, M.D. (continued)

- June: Case Western Reserve University Department of Surgery, Trauma Symposium, "Legalities in Trauma."
Case Western Reserve University School of Law, Center for Criminal Justice, Homicide Investigation, "Death from Cutting and Stabbing."
- July: University Hospitals of Cleveland Department of Pathology, House Staff Orientation, "Forensic Pathology."
- August: Cuyahoga Community College, Emergency Medical Technicians Class at Cuyahoga County Coroner's Office.
- September: Case Western Reserve University Law Medicine Center, Medical Jurisprudence, "Forensic Pathology."
The Cleveland Clinic Foundation, "The Fatally Abused Child."
Case Western Reserve University Law Medicine Center at the Cuyahoga County Coroner's Office, "Medicine and Man."
- October: United States Coast Guard Officers' Association, "The Many Masks of Murder."
Case Western Reserve University Law Medicine Center at the Cuyahoga County Coroner's Office, "Autopsy."
- December: Cleveland Clinic Foundation, Pediatric Grand Rounds, "The Sudden Infant Death Syndrome."
- Elizabeth Balraj, M.D., Deputy Coroner *
- April: Cleveland Heights Adult Education Program, "Quincy, Fact and Fiction."
- May: Case Western Reserve University, Phase II Medical Students, Legal Medicine and Medical Jurisprudence, "Introduction to Legal Medicine."

LECTURES GIVEN BY THE STAFF – 1983

Elizabeth Balraj, M.D. (continued)

- May: Case Western Reserve University, Phase II Medical Students, Legal Medicine and Medical Jurisprudence, “Mechanical Injuries of Brain and Meniges.”
- June: Center for Criminal Justice – Case Western Reserve University, “Chemical and Toxicologic Aspects of Homicide Investigation.”
- Center for Criminal Justice – Case Western Reserve University, “Determination of Time of Death.”
- October: Monticello Junior High School, Cleveland Heights, Advanced Biology Course, “Careers in Legal Medicine.”
- December: Cleveland Police Department Basic School.

Robert Challener, M.D., Deputy Coroner *

- May: Southwest General Hospital, “Functions of the Coroner’s Office.”
- June: Center for Criminal Justice – Case Western Reserve University, Homicide Investigation Seminar, “Firearm Injuries.”
- October: Lakewood Rotary, “The Autopsy: Past, Present and Future.”

John Blocher, Administrative Assistant - BS Degree *

- January: Rocky River Explorer Scouts, “Procedures at the Cuyahoga County Coroner’s Office pertaining to the Body and Custody of Property.”
- March: Cuyahoga Community College, Paramedics .
- April: Center for Criminal Justice – Case Western Reserve University, 70th Basic Police School.

LECTURES GIVEN BY THE STAFF – 1983

John Blocher (continued)

October: Cuyahoga Community College, Basic Police School.

December: Case Western Reserve University, Police Cadets.

Joseph A. Monzel, Property Clerk *

February: Cuyahoga Community College, Paramedics.

May: Southwest General Hospital, Fire Department Paramedics. (two lectures)

December: Case Western Reserve University, Police Cadets.

Mary Cowan, Senior Technologist - BS Degree *

February: Case Western Reserve University, School of Law, Practitioners' Seminar.

Cuyahoga Community College, Paramedics.

Rocky River Explorer Scouts.

March: Cuyahoga Community College, Basic Police Course.

April: Center for Criminal Justice - Case Western Reserve University, 70th Basic Police School.
(two lectures)

Collinwood High School, Biology Class.

May: Case Western Reserve University School of Medicine, "Legal Medicine."

Marion, Ohio Explorer Scouts.

LECTURES GIVEN BY THE STAFF – 1983

Mary Cowan (continued)

Ashland, Ohio Explorer Scouts.

June: Center for Criminal Justice - Case Western Reserve University, Homicide Investigation Seminar.

July: Kiwanis Club, Highland Heights, Ohio.

September: Case Western Reserve University, School of Law, "Legal Medicine."

October: Cuyahoga Community College, Basic Police School.

November: Center for Criminal Justice - Case Western Reserve University, 71st Basic Police School.
Cleveland School of Science.

Barbara A. Campbell, Medical Technologist - BA Degree *

January: Lakeland Community College Police School, Lake County.

April: St. Lukes Hospital, Department of Pathology, Continuing Education Program.
Center for Criminal Justice - Case Western Reserve University, 70th Basic Police School.

May: Southwest General Hospital, Medical Technologists Student Seminar.

August: Cleveland Metropolitan General Hospital Medical Technology Students.

October: Ohio Identification Officers Association State Meeting.

November: Center for Criminal Justice - Case Western Reserve University, 71st Basic Police School.

December: Lakeland Community College Police School, Lake County.

LECTURES GIVEN BY THE STAFF – 1983

Linda Luke, Forensic Serologist - BS Degree *

April: Collinwood High School.
Center for Criminal Justice - Case Western Reserve University, 70th Basic Police School.

June: Center for Criminal Justice - Case Western Reserve University, Homicide Investigation Seminar.
University Hospital Medical Technologists.

August: Cuyahoga County Hospital Medical Technologists.

November: Center for Criminal Justice - Case Western Reserve University, 71st Basic Police School.

Sharon Rosenberg, Trace Evidence Technician - BS Degree *

January: Medina Vocational School Nursing Assistants Program. (two lectures)

March: Olmsted Falls High School Vocational Day.

April: Center for Criminal Justice - Case Western Reserve University, 70th Basic Police School.

May: Southwest General Hospital Paramedics. (two lectures)

June: Center for Criminal Justice - Case Western Reserve University, Homicide Investigation Seminar.

November: Center for Criminal Justice - Case Western Reserve University, 71st Basic Police School.

LECTURES GIVEN BY THE STAFF - 1983

Irving Sunshine, Ph.D., Chief Toxicologist

- January: Clinical Pathology Conference, Institute of Pathology, Case Western Reserve University, School of Medicine.
"Toxicology I"
"Toxicology II"
"Toxicology III"
- February: Annual Meeting of Academy of Forensic Sciences, Cincinnati, presented Harger Award to Dr. Kurt Dubowski.
- March: University of Texas Health Science Center at San Antonio, "The Poisoned Patient: The Role of the Laboratory."
- April: Baltimore, Maryland, American Academy of Forensic Sciences Workshop, Forensic Toxicology, "Factors Influencing the Interpretation of Toxicologic Data."
- May: California Association of Toxicologists, Spring Quarterly meeting, "Drug Stability in Stored Tissues."
Kansas City, Missouri, Midwest Section of American Association for Clinical Chemistry, "Initiating a Laboratory Program in Support of Acute Poisoning Programs."

LECTURES GIVEN BY THE STAFF -- 1983

Irving Sunshine, Ph.D. (continued)

- June: Youngstown Hospital Association visiting staff, "Role of Toxicology in Acute Poisoning."
- August: Pathology Residents.
- August - December Notre Dame College Department of Chemistry, Toxicology Course, "Toxicology: Principles of Clinical and Analytical Toxicology; Pharmacology of Therapeutic Drugs."
- November: Cleveland Pathology Society, "Role of Toxicology in Acute Poisonings."

Bradford R. Hepler, Ph.D., Associate Toxicologist

- February: University Hospital MT(ASCP) Students, "Toxicology."
Cuyahoga Community College Paramedics Program, Lecture on Toxicology.
- May: Case Western Reserve University Medical School Legal Lecture Series, "Forensic Toxicology."
- August - December: Notre Dame College, Department of Chemistry, Toxicology Course, "Toxicology: Principles of Clinical and Analytical Toxicology; Pharmacology of Therapeutic Drugs."
- September: University Hospital Pathology Residents Lecture Series, "Analytical Toxicology: Chromatographic Methods."

Presented paper to Society of Forensic Toxicologists 13th Annual Meeting in Detroit, Michigan, "Stability of Basic Drugs in Frozen and Formalin Fixed Tissues Over a One Year Period."
Co-Authors, R. Solano, D. Rosenhamer, C. Sutheimer and I. Sunshine.

LECTURES GIVEN BY THE STAFF - 1983

Craig Sutheimer, Ph.D., Associate Toxicologist

August - December:

Notre Dame College, Department of Chemistry, Toxicology Course, "Toxicology: Principles of Clinical and Analytical Toxicology; Pharmacology of Therapeutic Drugs."

September:

University Hospital Pathology Residents Lecture Series, "Analytical Toxicology: Chromatographic Methods."

* Peace Officer Training Council Certification.

**THE 1983 CORONER'S STATISTICAL REPORT
CORRELATED, ASSEMBLED AND PREPARED BY:**

STATISTICAL DEPARTMENT	PHOTOGRAPHIC DEPARTMENT	PROOF READERS
<p data-bbox="327 899 583 938">Anna Chang</p> <p data-bbox="254 1094 642 1172">Patricia Riebau (HISTOLOGY REPORT)</p> <p data-bbox="281 1284 653 1323">Elizabeth Tidwell</p>	<p data-bbox="884 899 1199 938">Joseph Collins</p> <p data-bbox="831 1094 1262 1214">Bernadette Juszczak (GRAPHIC DESIGN CONSULTANT)</p> <p data-bbox="856 1284 1230 1362">David Simmerer (GRAPHIC DESIGNER)</p>	<p data-bbox="1472 899 1801 938">Karen Feldman</p> <p data-bbox="1402 1094 1898 1198">Barbara Harrell (STATISTICAL DEPARTMENT)</p> <p data-bbox="1472 1284 1780 1323">Doris Oglesby</p>



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