
1984

CORONER'S STATISTICAL REPORT

Cuyahoga County

State of Ohio



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

1984

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

CORONER

2121 ADELBERT RD., CLEVELAND, OHIO 44106

1984

NUMBER OF CASES- (REPORTED */ACCEPTED)

JANUARY 539 */288	FEBRUARY 391 */231	MARCH 468 */267	APRIL 498 */261
MAY 440 */254	JUNE 380 */245	JULY 394 */248	AUGUST 325 */220
SEPTEMBER 508 */218	OCTOBER 541 */229	NOVEMBER 382 */226	DECEMBER 402 */235
TOTAL 5,268 */2,922			

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



County of Cuyahoga
CORONER'S OFFICE

S.R. Gerber, M.D.
Coroner

AUGUST, 1985

Reports similar to this one have been published by this office over a period of forty-six 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.

GIFT OF BODY OR PART; RIGHTS OF NEXT OF KIN TO DONATE;

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

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

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

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

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

(E) The rights of the donee created by the gift are paramount to the rights of others except that a coroner, or in his absence, a deputy coroner, who has, under section 313.13 of the Revised Code, taken charge of the decedent's dead body and decided that an autopsy is necessary, has a right to the dead body and any part that is paramount to the rights of the donee. The coroner, or in his absence, the deputy coroner, may waive this paramount right and permit the donee to take a donated part if the donated part is or will be unnecessary for successful completion of the autopsy or for evidence. If the coroner or deputy coroner does not waive his paramount right and later determines, while performing the autopsy, that the donated part is or will be unnecessary for successful completion of the autopsy or for evidence, he may thereupon waive his paramount right and permit the donee to take the donated part, either during the autopsy or after 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.

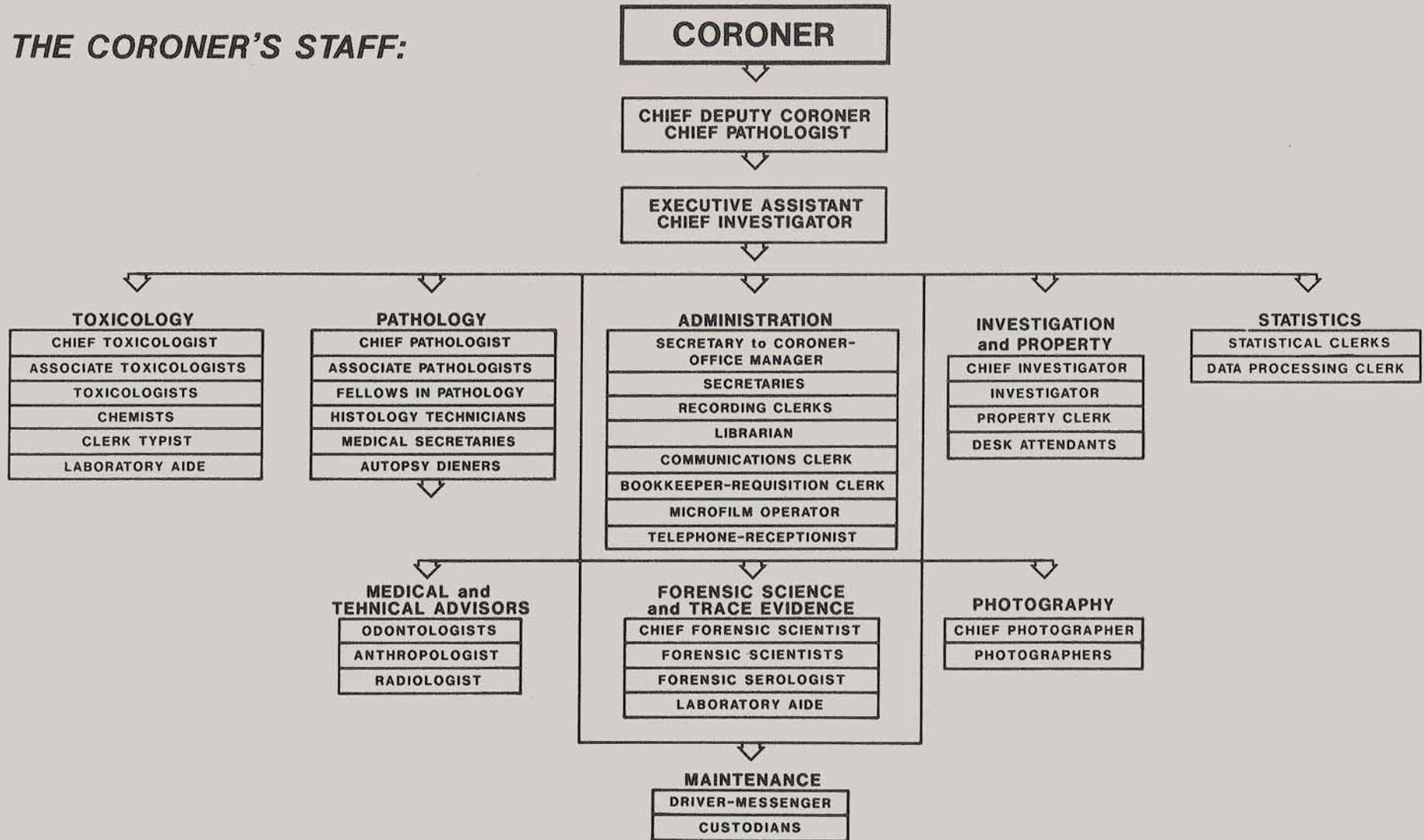
(H) Whoever violates division (C) or (D) of this section is guilty of failure to report knowledge of a death, a misdemeanor of the fourth degree.

WHO SIGNS THE DEATH CERTIFICATE?

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

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

THE CORONER'S STAFF:



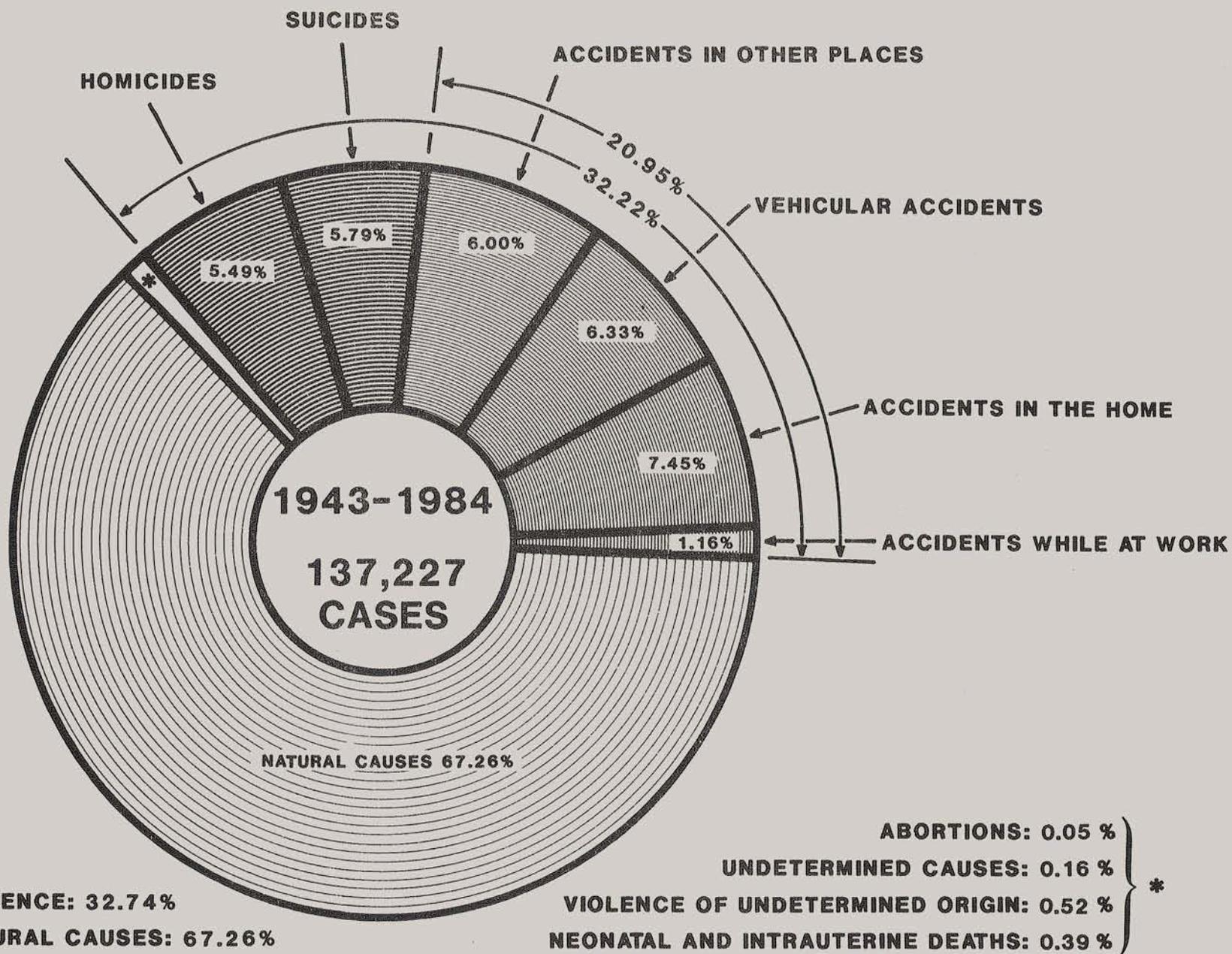
THE CORONER'S STAFF

CORONER	1
ADMINISTRATION	
Executive Assistant-Chief Investigator.....	1
Secretary to Coroner-Office Manager.....	1
Secretaries.....	2
Clerk Specialists.....	6
Librarian.....	1
Communications Clerk.....	1
Bookkeeper-Requisition Clerk.....	1
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
Deputy Coroner - Pathologists.....	2
Associate Pathologist.....	1
Fellow in Pathology.....	1
Histology Technicians.....	2
Medical Secretaries.....	2&1*
Autopsy Dieners.....	3&1*

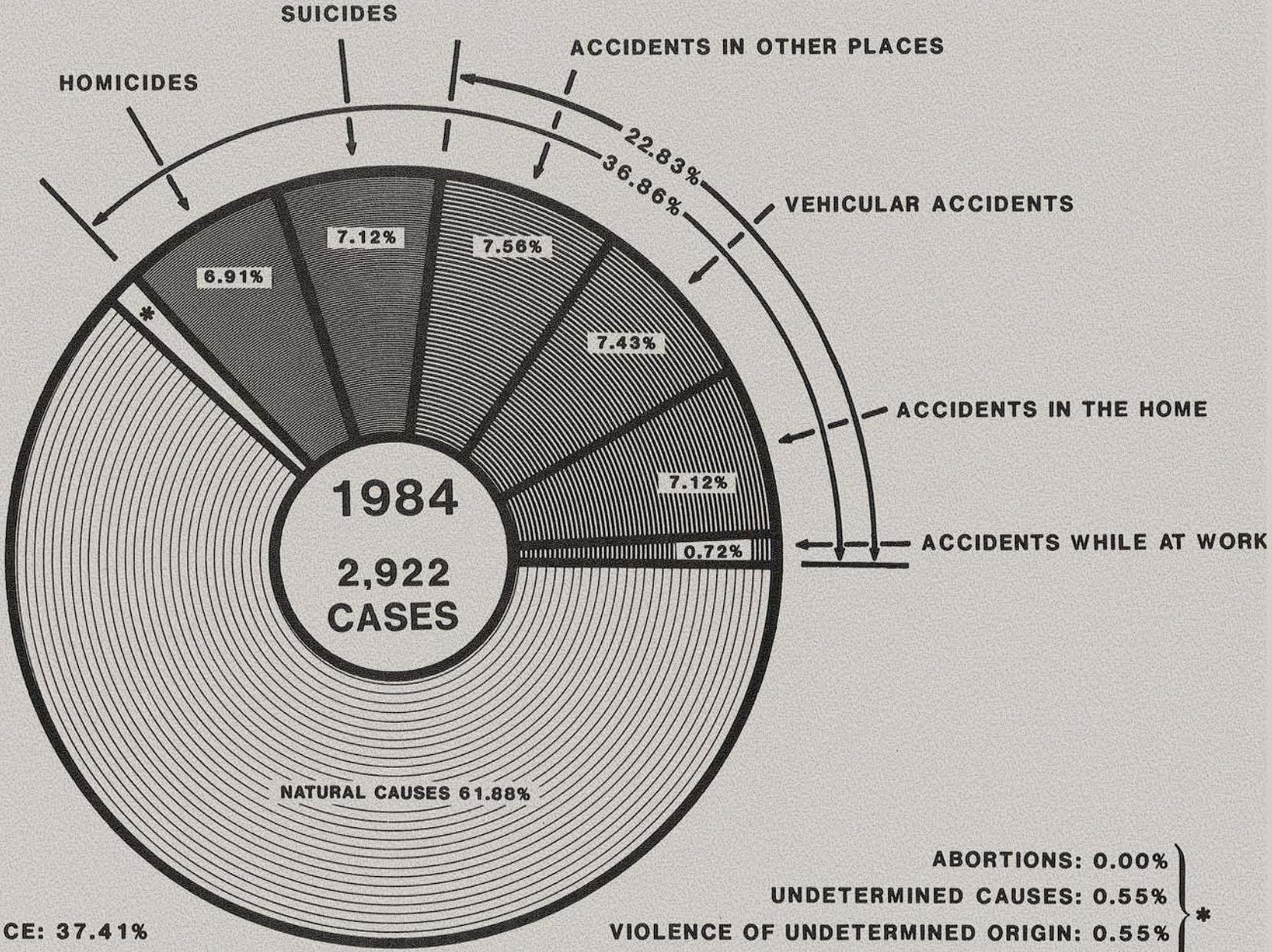
ANTHROPOLOGY DEPARTMENT	
Anthropologist.....	1*
PHOTOGRAPHIC DEPARTMENT	
Chief Photographer.....	1
Photographers.....	2
RADIOLOGY	
Radiologist.....	1*
(Technician-Autopsy Diener Included above)	
STATISTICAL DEPARTMENT	
Statistical Clerks.....	2
Technical Typist.....	1
TOXICOLOGY DEPARTMENT	
Chief Toxicologist.....	1
Toxicologist I.....	2
Toxicologist II.....	3
Chemists.....	3
Technical Typist.....	1
Laboratory Aide.....	1
FORENSIC SCIENCE AND TRACE EVIDENCE	
Chief Forensic Scientist.....	1
Forensic Scientists.....	2
Forensic Serologist.....	1
Laboratory Aide.....	1
TOTAL.....	63 & 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

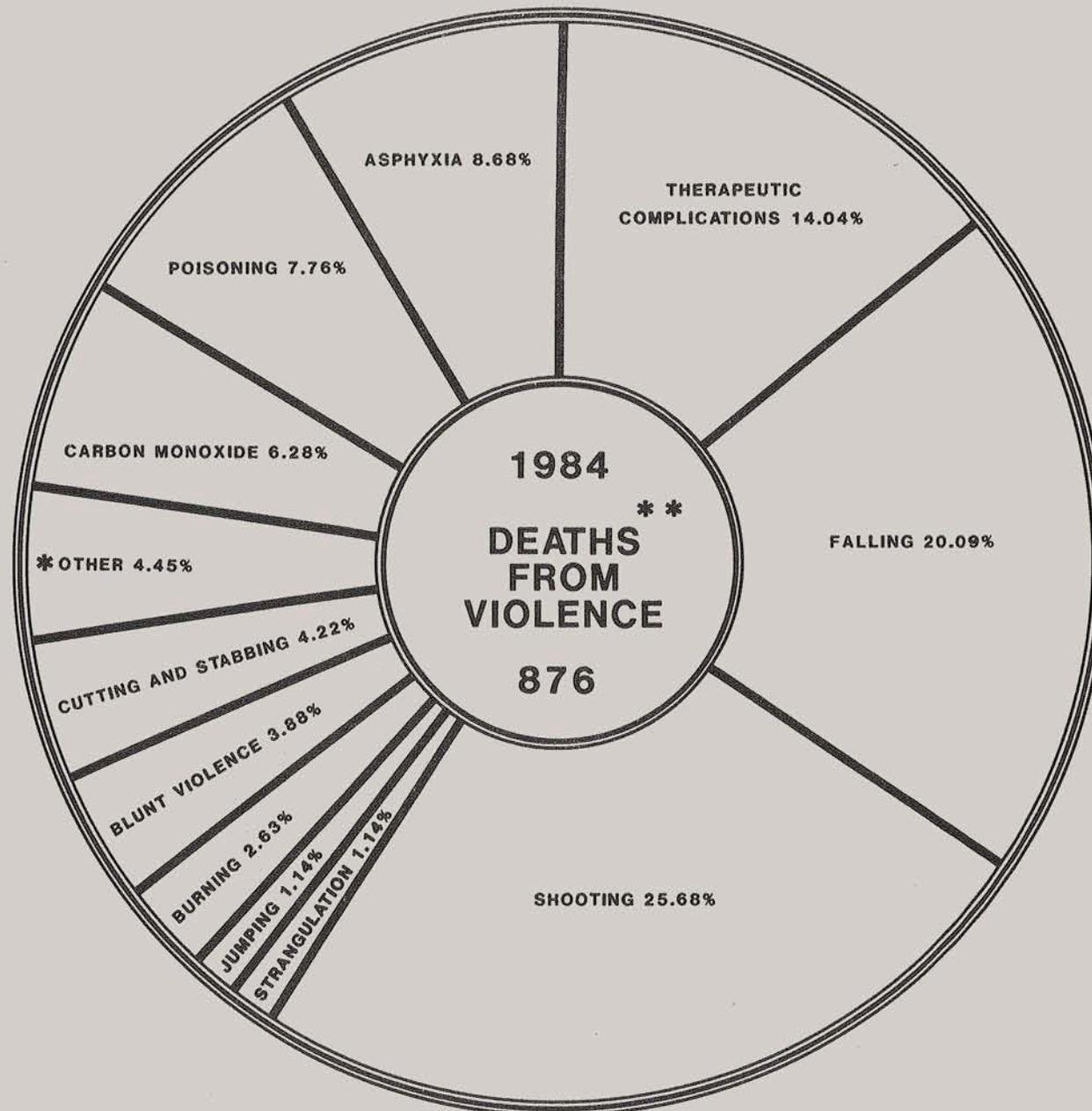


DEATHS FROM VIOLENCE: 37.41%
 DEATHS FROM NATURAL CAUSES: 62.59%

ABORTIONS: 0.00%
 UNDETERMINED CAUSES: 0.55%
 VIOLENCE OF UNDETERMINED ORIGIN: 0.55%
 NEONATAL AND INTRAUTERINE DEATHS: 0.17%
 }

*

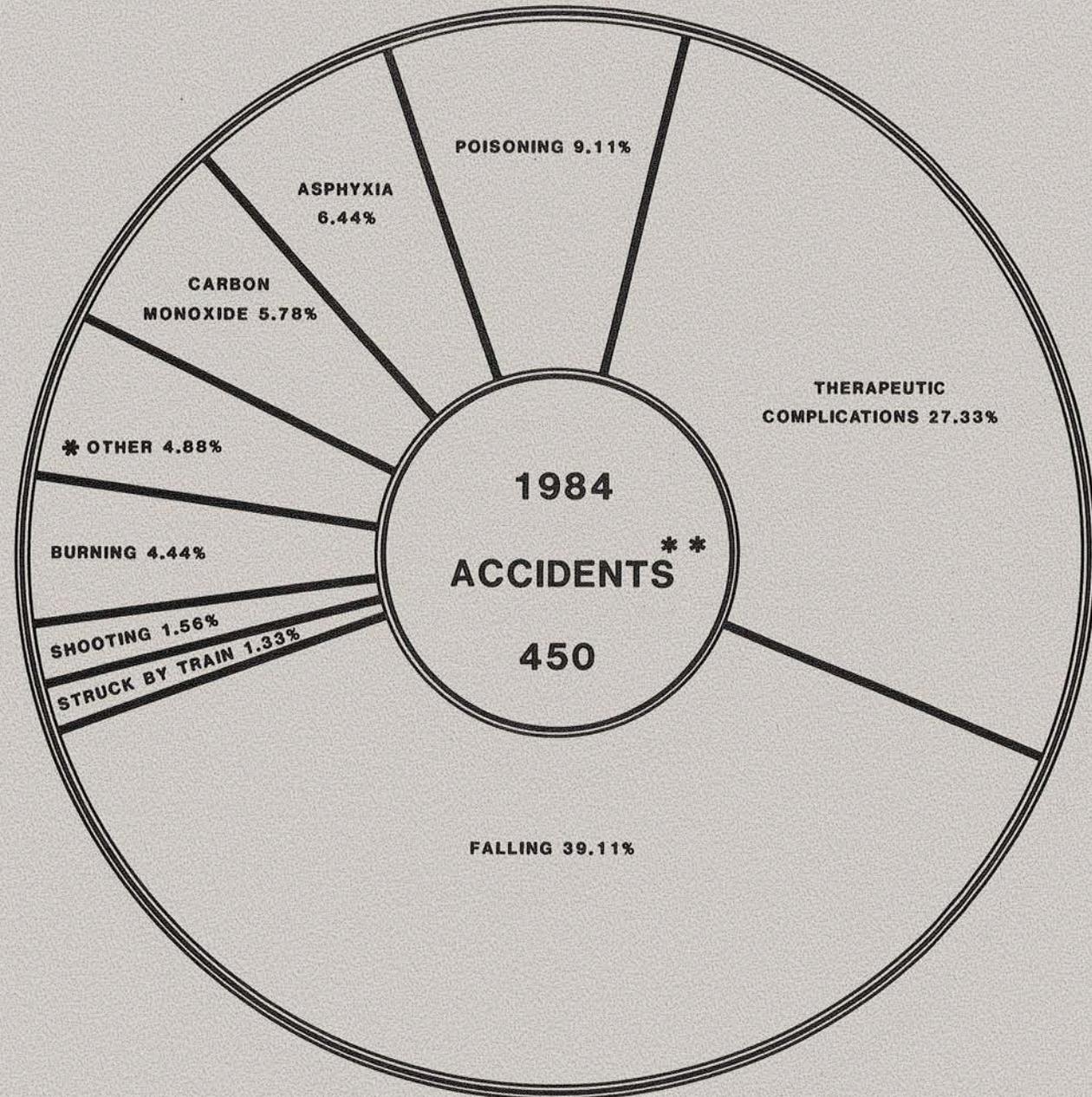
FATALITIES RESULTING FROM VIOLENCE MODE OF OCCURRENCE 1984



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

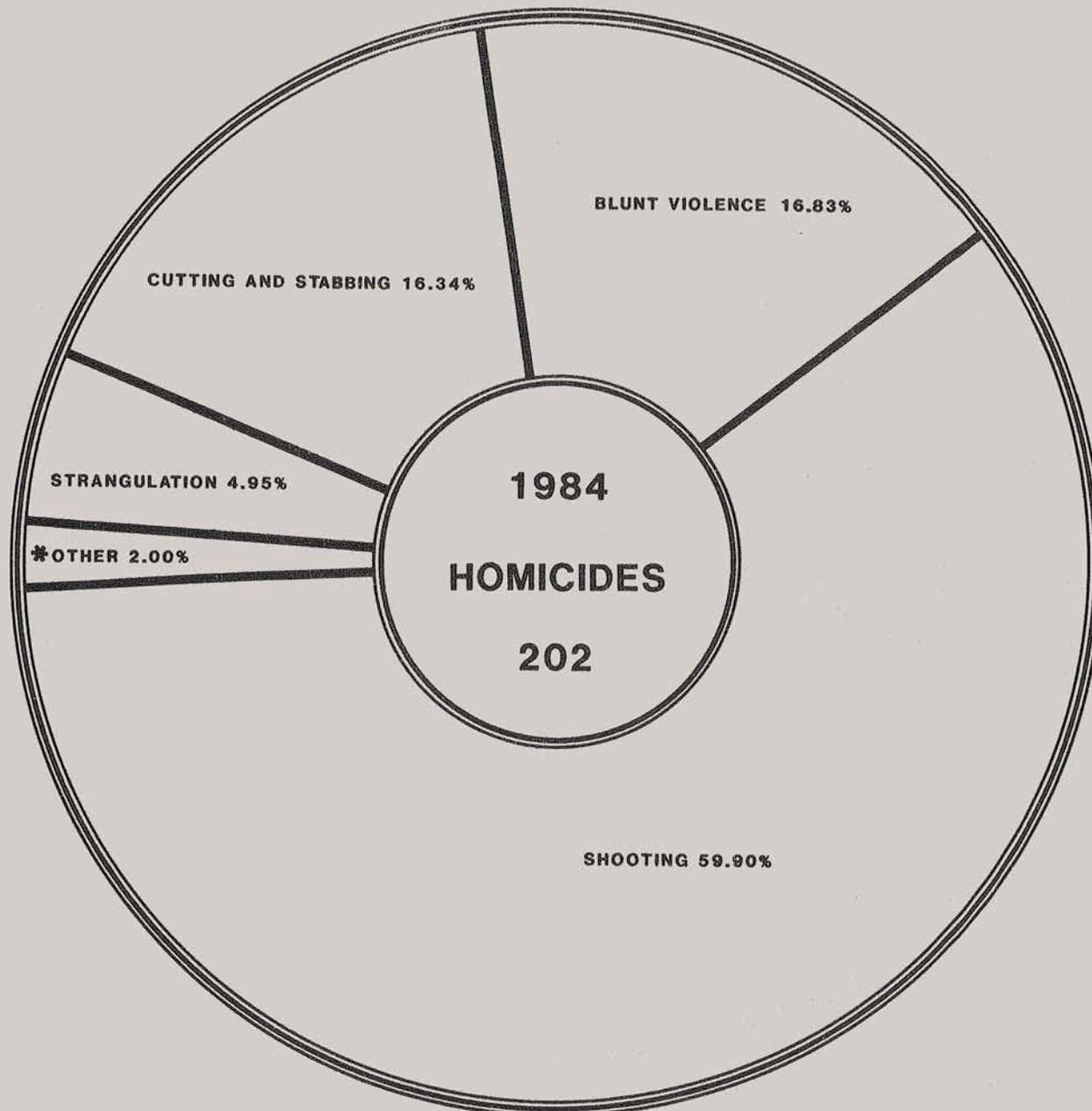
** EXCLUDING VEHICULAR ACCIDENTS.

FATALITIES RESULTING FROM ACCIDENTS MODE OF OCCURRENCE 1984



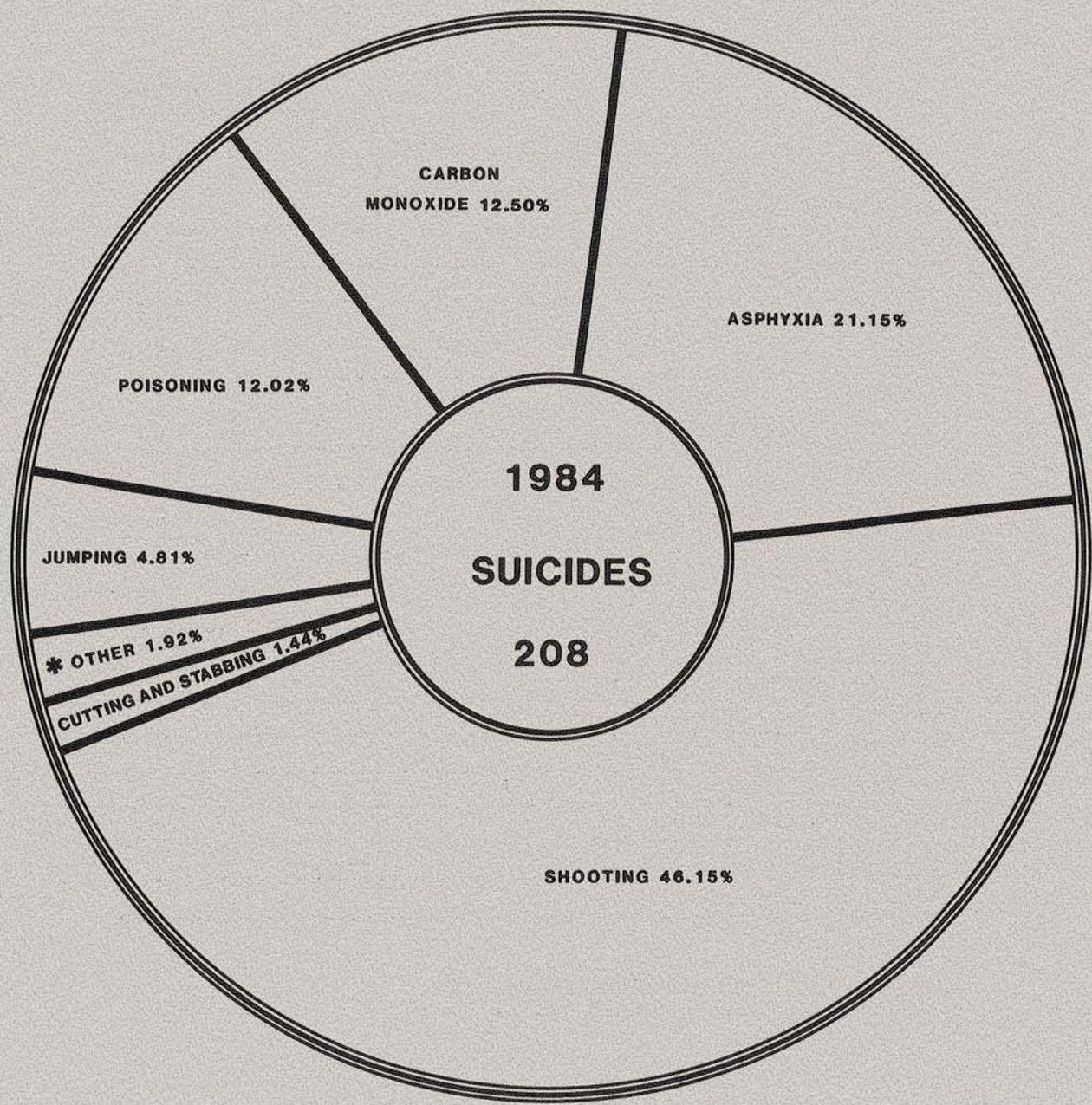
* AIRPLANE ACCIDENT, CUTTING AND STABBING, CRUSHING, ELECTROCUTION, EXPLOSION, EXPOSURE, INGESTION OF SEAFOOD, STRUCK BY OBJECT AND UNDETERMINED.
** EXCLUDING VEHICULAR ACCIDENTS.

FATALITIES RESULTING FROM HOMICIDES MODE OF OCCURRENCE 1984



* BURNING, DROWNING, STRUCK BY MOTOR VEHICLE AND JUMPED FROM WINDOW WHEN THREATENED.

FATALITIES RESULTING FROM SUICIDES MODE OF OCCURRENCE 1984



* BURNING AND JUMPED IN FRONT OF VEHICLE.

TYPES OF FATALITIES AND MISCELLANEOUS INFORMATION

1983 AND 1984

TABLE A

	1983	1984
ACCIDENTS IN THE HOME	223	208
ACCIDENTS WHILE AT WORK	20	21
VEHICULAR ACCIDENTS	212	217
ACCIDENTS IN OTHER PLACES	218	221
HOMICIDES	196	202
SUICIDES	191	208
VIOLENCE OF UNDETERMINED ORIGIN	14	16
TOTAL VIOLENT DEATHS	1074	1093
NATURAL CAUSES	1871	1808
ABORTIONS	0	0
NEONATAL AND INTRA-UTERINE DEATHS	6	5
UNDETERMINED CAUSES	6	16
CASES REPORTED - ADMITTED	2957	2922
CASES REPORTED - NOT ADMITTED	2321	2346
AUTOPSIES (HOSPITAL INCLUDED)	1517*	1579**
AUTOPSIES-Performed For Other Counties	55	73
UNIDENTIFIED BODIES	3	3
UNIDENTIFIED FOETUSES	3	1
IDENTIFIED AND UNCLAIMED	21	18
DEATHS IN CUYAHOGA COUNTY	15,554	15,666
PERCENTAGE OF DEATHS ADMITTED	19%	19%

* Includes 113 Autopsies performed at hospitals

** Includes 122 Autopsies performed at hospitals

TYPES OF FATALITIES - SEX, RACE, AUTOPSY

TABLE B

	TOTAL	SEX		RACE		AUTOPSIES CASES *	% OF TOTAL
		MALE	FEMALE	WHITE	NON-WHITE		
ACCIDENTS IN THE HOME	208	106	102	163	45	147	5.03
ACCIDENTS WHILE AT WORK	21	21	0	18	3	20	0.68
VEHICULAR ACCIDENTS	217	159	58	167	50	216	7.39
ACCIDENTS IN OTHER PLACES	221	160	61	191	30	136	4.65
HOMICIDES	202	146	56	65	137	202	6.91
SUICIDES	208	149	59	167	41	208	7.12
VIOLENCE OF UNDETERMINED ORIGIN	16	10	6	7	9	15	0.51
NATURAL CAUSES	1808	1115	693	1238	570	614	21.01
ABORTIONS	0					0	0.00
NEONATAL AND INTRA-UTERINE DEATHS	5	1	4	3	2	5	0.17
UNDETERMINED CAUSES	16	10	6	10	6	16	0.55
TOTAL	2922	1877	1045	2029	893	1579	54.04

* Includes 122 Autopsies performed at hospitals.

TYPES OF FATALITIES - 1983 and 1984
INCIDENCE COMPARED

TABLE C

	PERCENTAGE OF TOTAL CASES ADMITTED	
	1983	1984
ACCIDENTS IN THE HOME	7.54	7.19
ACCIDENTS WHILE AT WORK	0.68	0.72
VEHICULAR ACCIDENTS	7.17	7.43
ACCIDENTS IN OTHER PLACES	7.37	7.56
HOMICIDES	6.63	6.91
SUICIDES	6.46	7.12
VIOLENCE OF UNDETERMINED ORIGIN	0.47	0.55
TOTAL OF VIOLENT DEATH	36.32	37.41
NATURAL CAUSES	63.27	61.88
ABORTIONS	0.00	0.00
NEONATAL AND INTRA-UTERINE DEATHS	0.20	0.17
UNDETERMINED CAUSES	0.20	0.55

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	208	113	54.33	42	37.17
ACCIDENTS WHILE AT WORK	21	16	76.19	1	6.25
VEHICULAR ACCIDENTS	217	154	70.97	96	62.34
ACCIDENTS IN OTHER PLACES	221	56	25.34	19	33.93
TOTAL	667	339	50.82	158	46.61
HOMICIDES	202	178	88.12	73	41.01
SUICIDES	208	186	89.42	55	29.57
VIOLENCE OF UNDETERMINED ORIGIN	16	13	81.25	5	38.46
TOTAL	1093	716	65.51	291	40.64
NATURAL CAUSES	1808	1482	81.97	119	8.03
ABORTIONS	0	0	0.00	0	0.00
UNDETERMINED CAUSES	16	11	68.75	4	36.36

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	5	4	15	11	6	4	4	3	30	22
MONDAY			10	6	1		2		13	6
TUESDAY	1	1	7	2	5	3	3	3	16	9
WEDNESDAY			7	4	4	3	5	2	16	9
THURSDAY	1	1	7	5	6	3	3	2	17	11
FRIDAY	3	2	11	8	7	4	7	3	28	17
SATURDAY	4		10	8	10	7	10	7	34	22
TOTAL	14	8	67	44	39	24	34	20	154	96

(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 FATALITIES		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	1696	58.04	1048	61.79	269	15.86	101	5.96	167	9.85	83	4.89
Bay Village	8	0.27	3	37.50	2	25.00			1	12.50	2	25.00
Beachwood	6	0.21	1	16.67	3	50.00					2	33.33
Bedford	22	0.75	16	72.73	1	45.45	4	18.18			1	4.55
Bedford Heights	14	0.48	4	28.57	6	28.57	1	7.14	1	7.14	2	14.29
Berea	14	0.48	6	42.86	4	42.86	1	7.14	1	7.14	2	14.29
Brecksville	8	0.27	3	37.50			2	25.00			3	37.50
Broadview Heights	10	0.34	5	50.00	2	20.00	2	20.00				
Brooklyn	12	0.42	5	41.67	1	8.33	4	33.33			2	16.67
Brook Park	14	0.48	3	21.43	2	14.29	4	28.57	1	7.14	4	28.57
Cleveland Heights	42	1.44	17	40.48	12	28.57	3	7.14	4	9.52	6	14.29
East Cleveland	109	3.73	81	74.31	11	10.09	5	4.59	7	6.42	5	4.59
Euclid	102	3.50	80	78.43	12	11.76	4	3.92	2	1.96	3	2.94
Fairview Park	21	0.72	11	52.38	7	33.33					3	14.29
Garfield Heights	80	2.74	63	78.75	7	8.75	6	7.50			4	5.00
Highland Heights	3	0.10			2	66.67					1	33.33
Independence	5	0.17					1	20.00			4	80.00
Lakewood	82	2.81	54	65.85	16	19.51	1	1.22	2	2.44	9	10.98
Lyndhurst	4	0.14	2	50.00	1	25.00					1	25.00
Maple Heights	16	0.55	6	37.50	5	31.25			1	6.25	4	25.00
Mayfield Heights	58	1.98	45	77.59	7	12.07	4	6.90			1	1.72
Middleburg Heights	72	2.46	60	83.33	4	5.56	2	2.78			6	8.33
North Olmsted	13	0.44	7	53.85	2	15.38	2	15.38			2	15.38
North Royalton	9	0.31	2	22.22	1	11.11	1	11.11	1	11.11	3	33.33
Olmsted Falls	5	0.17	2	40.00	2	40.00	1	20.00				
Parma	130	4.45	86	66.15	15	11.54	10	7.69	3	2.31	15	11.54
Parma Heights	26	0.89	14	53.85	5	19.23	1	3.85			6	23.07
Pepper Pike	8	0.27	1	12.50	1	12.50	4	50.00			2	25.00
Richmond Heights	27	0.92	22	81.48	1	3.70	2	7.41	1	3.70	1	3.70
Rocky River	14	0.48	8	57.14	4	28.57	2	14.29				
Seven Hills	6	0.21	2	33.33	2	33.33	1	16.67			1	16.67
Shaker Heights	20	0.68	13	65.00	4	20.00					3	15.00
Solon	25	0.86	19	76.00			2	8.00	1	4.00	2	8.00
South Euclid	14	0.48	9	64.29	2	14.29					2	14.29
Strongsville	14	0.48	5	35.71	3	21.43	2	14.29	2	14.29	2	14.29
University Heights	7	0.24	6	85.71			1	14.29				
Warrensville Heights	50	1.71	46	92.00	2	4.00	1	2.00	1	2.00		
Westlake	52	1.78	38	73.08	7	13.46	3	5.77			4	7.69

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

DEATHS IN COUNTY, DEATHS REPORTED TO CORONER

CASES RECEIVED 1943- 1984

TABLE G

COUNTY POPULATION 1940: 1,217,250

DEATHS IN COUNTY	TOTAL DEATHS REPORTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY	CASES ADMITTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY
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 - 1984

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: 1,498,400

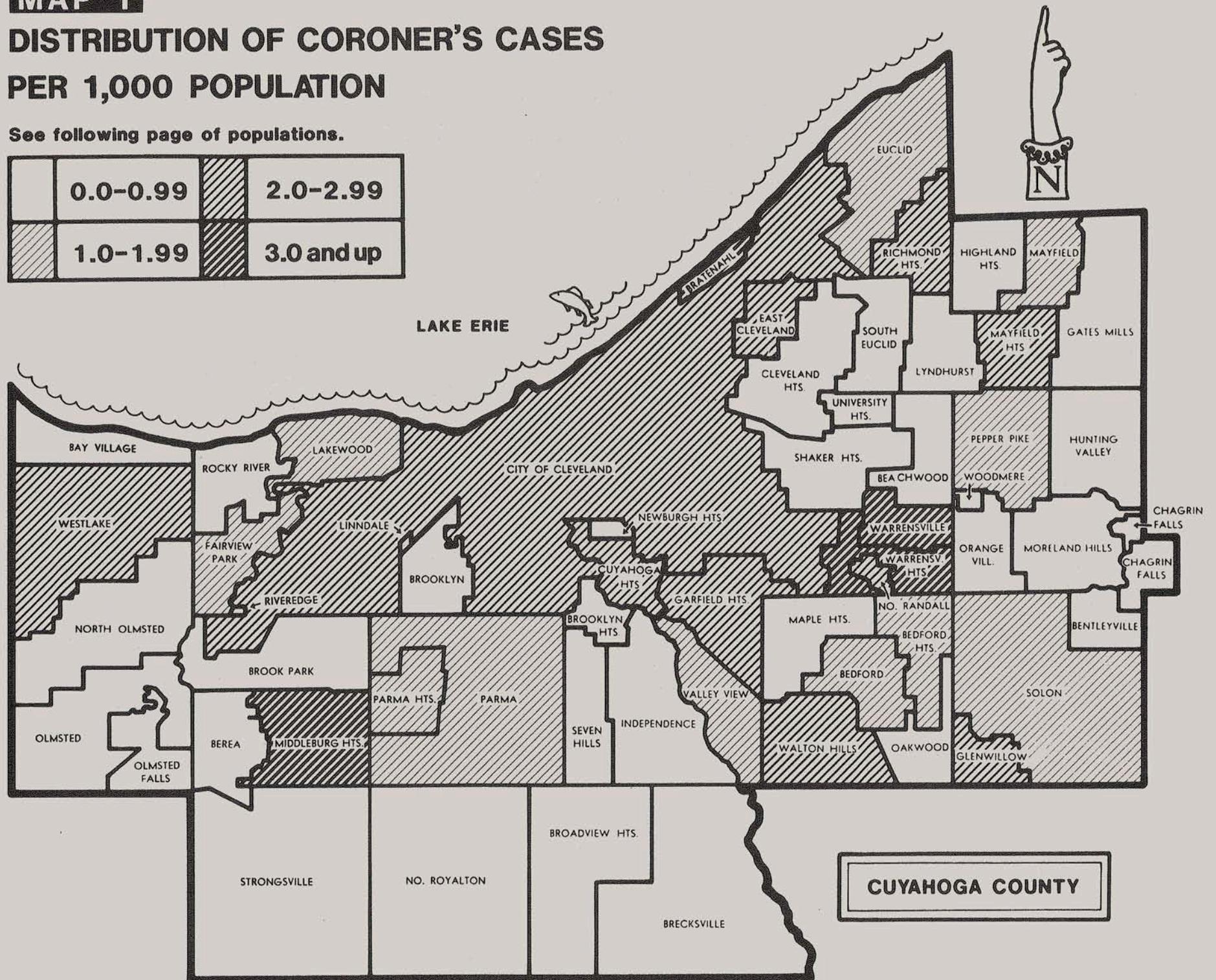
1980: 16,209	5,655	34.9%	3,540	21.8%
1981: 15,737	4,977	31.6%	3,147	20.0%
1982: 15,458	5,327	34.5%	2,840	18.4%
1983: 15,554	5,278	33.9%	2,957	19.0%
1984: 15,666	5,268	33.6%	2,922	18.7%

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



CUYAHOGA COUNTY

1984
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	34,938
Highland Heights	5,739
Independence	6,607
Lakewood	61,963
Lyndhurst	18,092
Maple Heights	29,735
Mayfield Heights	21,550

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	16,565
Westlake	19,483

VILLAGES

Bentleyville	381
Bratenahl	1,485
Brooklyn Heights	1,653

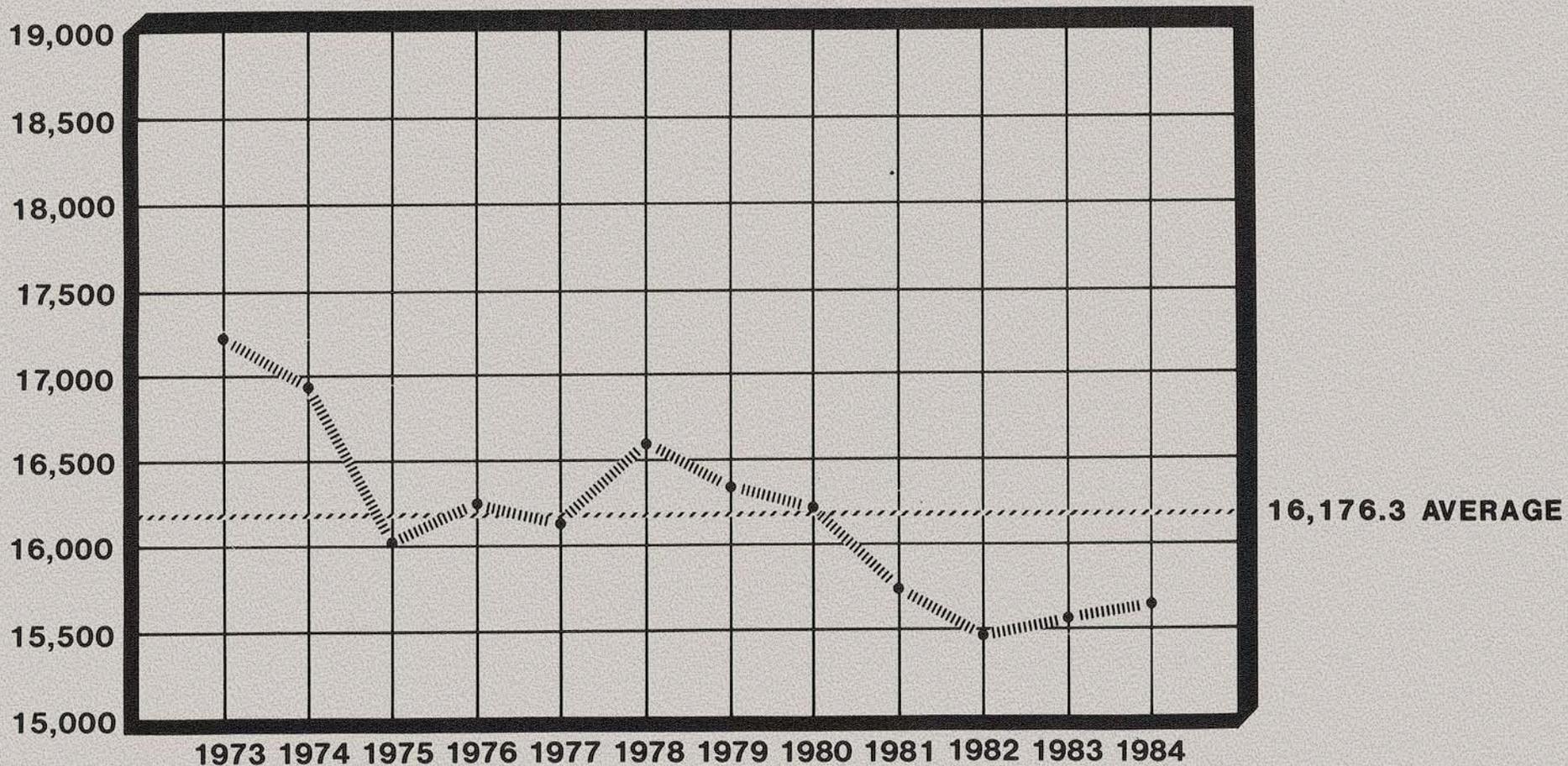
Chagrin Falls	4,335
Cuyahoga Heights	739
Gates Mills	2,236
Glenwillow	492
Hunting Valley	633
Linndale	129
Mayfield	3,577
Moreland Hills	3,083
Newburgh Heights	2,678
North Randall	1,054
Oakwood	3,786
Orange	2,376
Valley View	1,576
Walton Hills	2,199
Woodmere	877

TOWNSHIPS

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

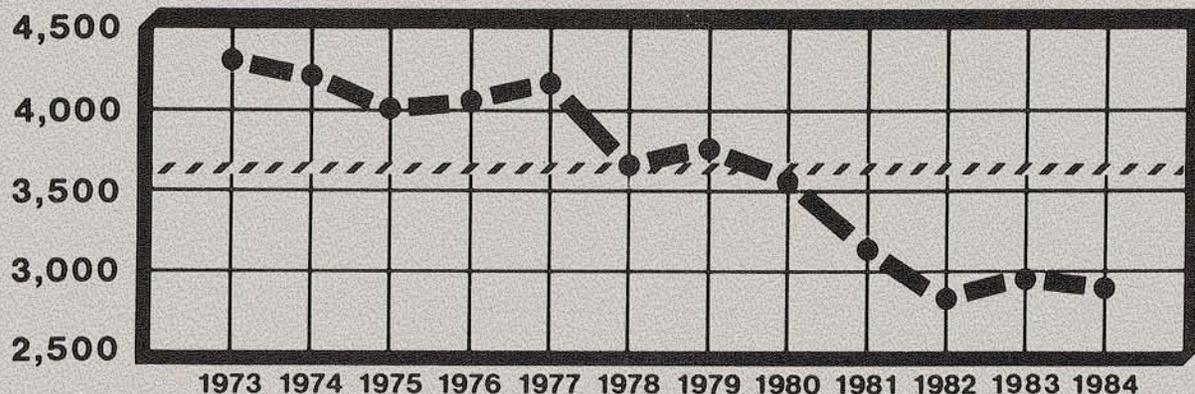
POPULATION OF CUYAHOGA COUNTY
1,498,400

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



SUMMARY OF CORONER'S CASES

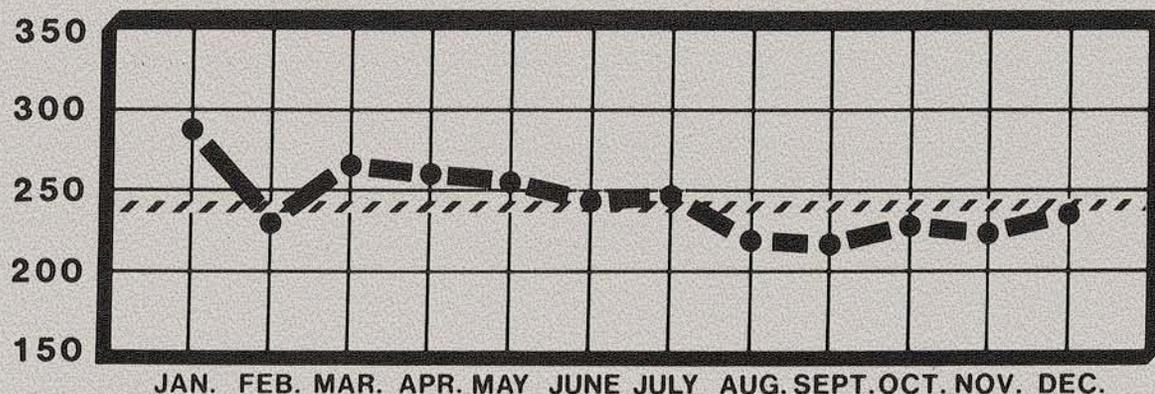
FOR A PERIOD OF TWELVE YEARS



3,640.1 AVERAGE

1973 - 1984
TOTAL CASES
43,681

BY MONTH FOR THE YEAR 1984



243.5 AVERAGE

1984
TOTAL CASES
2922

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	107	88	1	12	208	CASES REPORTED – NOT ADMITTED	2346
ACCIDENTS WHILE AT WORK	11	6	1	3	21	AUTOPSIES **	1579
VEHICULAR ACCIDENTS *	101	76	14	26	217	AUTOPSIES (performed for other counties)	73
ACCIDENTS IN OTHER PLACES	151	62	3	5	221	UNIDENTIFIED BODIES	3
HOMICIDES	167	29	0	6	202	UNIDENTIFIED FOETUSES	1
SUICIDES	83	108	9	8	208	IDENTIFIED AND UNCLAIMED BODIES	18
VIOLENCE OF UNDETERMINED ORIGIN	11	3	2		16	DEATHS IN CUYAHOGA COUNTY ***	15,666
TOTAL VIOLENT DEATHS	631	372	30	60	1093		
NATURAL CAUSES	1048	745	15		1808		
NEONATAL AND INTRA-UTERINE DEATH	5				5		
ABORTIONS					0		
UNDETERMINED CAUSES	12	4			16		
TOTAL CASES REPORTED AND ADMITTED	1696	1121	45	60	2922		

* Vehicular Accidents, Summary Tables 1,2,4,6 and 8 are tabulated by date of death reflecting fatalities received in 1984.

** Includes 122 autopsies performed at hospitals.

Rest of County includes Turnpikes, Villages and Townships.

*** 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	8	9	13	6	9	5	13	11	11	10	5	5	9	7	7	11	3	6	6	12	8	10	14	10	106	102	208
ACCIDENTS WHILE AT WORK	2		1		2		2		2		2		1		3				1		2		3		21		21
VEHICULAR ACCIDENTS	9	3	7	3	6	3	6	7	14	7	20	8	21	6	21	2	15	6	14	5	15	5	11	3	159	58	217
ACCIDENTS IN OTHER PLACES	10	6	14	2	19	8	15	7	12	1	17	2	11	7	14	7	14	6	17	6	10	3	7	6	160	61	221
HOMICIDE	11	5	21	7	11	5	10	9	17	5	8	3	14	4	9	2	11	4	16	5	9	1	9	6	146	56	202
SUICIDE	14	6	8	7	15	8	11	4	15	3	14	3	11	6	17	5	8	4	13	7	14	2	9	4	149	59	208
VIOLENCE OF UNDETERMINED ORIGIN		1			2	1	1	1	1		1				1		2			2	1		1	1	10	6	16
NATURAL CAUSES	118	86	87	55	104	64	93	70	103	53	99	55	91	57	72	48	88	51	75	47	91	51	94	56	1115	693	1808
ABORTIONS																											0
NEONATAL AND INTRA-UTERINE DEATHS						3		1													1				1	4	5
UNDETERMINED CAUSES					2						2	1	1	2	1					1	2	3		1	10	6	16
GRAND TOTAL	172	116	151	80	170	97	151	110	175	79	168	77	159	89	145	75	141	77	143	86	154	72	148	87	1877	1045	2922

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	4	5	11	1	6	3	10	4	7	5	3	5	7	3	3	8	2	4	3	6	5	5	10	6	71		55
ACCIDENTS WHILE AT WORK	1				2		2		2		2		1		3				1		2		3		19		19	
VEHICULAR ACCIDENTS	9	3	6	3	7	3	6	7	14	7	20	8	21	6	21	2	15	5	14	6	15	4	11	3	159	57	216	
ACCIDENTS IN OTHER PLACES	3		4		5	3	8		4		8		4	1	7	2	5	1	5		5		5	3	63	10	73	
HOMICIDE	11	5	21	7	11	5	10	9	16	5	9	3	14	4	7	2	12	4	15	4	10	2	9	6	145	56	201	
SUICIDE	14	6	8	7	14	8	12	4	14	3	14	3	11	5	17	4	8	5	12	7	15	2	9	4	148	58	206	
VIOLENCE OF UNDETERMINED ORIGIN		1			2		1	1	1		1				1		2			2	1		1	1	10	5	15	
NATURAL CAUSES	39	26	20	11	43	20	29	24	36	15	34	21	29	10	23	9	32	13	28	15	32	14	38	21	383	199	582	
ABORTIONS																												0
NEONATAL AND INTRA-UTERINE DEATHS						2		1																		3	3	
UNDETERMINED CAUSES					2						2	1	1	2	1					1	2	3			1	10	6	16
GRAND TOTAL	81	46	70	29	92	44	78	50	94	35	93	41	88	31	83	27	76	32	79	42	88	27	86	45	1008	449	1457	

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						
	<u>ACCIDENTS:</u>																																							
IN THE HOME	1	1	5	3	2		2	3	1	1	6	4	7	4	13	2	9	2	7	4	1	5	3	3	6	4	5	4	7	3	3	5	9	10	19	44	106	102	208	
WHILE AT WORK										1		3		1		1		1		3		4		4		3											21		21	
VEHICULAR	1			1	1	1	6	1	23	3	27	10	27	7	15	6	6	3	10		7	3	5	3	7	4	6	2	1	2	5	5	4	2	8	5	159	58	217	
IN OTHER PLACES	3	5	1	1	2	1	5	1	5		6	2	7		4		3		5		8		9	1	17	3	22	5	18	8	16	9	7	9	22	16	160	61	221	
HOMICIDE	2	1	4	2	1	1	2	4	10	3	19	12	25	8	16	7	10	6	19	3	11	1	6		9		3	2	3	1	3	1	1	2	2	2	146	56	202	
SUICIDE						1	1	9	2	24	8	22	4	18	7	16	8	9	6	7	6	9	4	9	1	5	4	8	2	4	3	5	2	3	1	149	59	208		
VIOLENCE OF UNDETERMINED ORIGIN				1									2		1	1	2	1	2		1	1	1		1		1									1	10	6	16	
NATURAL CAUSES	25	28	2	5	2		2	1	2	1	4	4	17	8	18	15	24	16	48	14	65	21	74	24	139	46	172	76	166	73	137	103	88	85	130	173	1115	693	1808	
ABORTIONS																																								0
NEONATAL AND INTRA-UTERINE DEATHS	1	4																																			1	4	5	
UNDETERMINED CAUSES							1	1		1	2		1				2		2	1	1	1			1		2										10	6	16	
GRAND TOTAL	33	39	12	13	8	3	18	12	51	10	88	42	110	32	86	38	73	36	103	28	104	38	149	35	193	58	218	94	203	89	168	126	114	110	184	242	1877	1045	2922	

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	1	1	5	3	1		2	3		1	6	4	7	4	11	2	7	1	7	4	1	5	3	3	4	3	5	3	5		1	3	2	5	3	10	71	55	126		
WHILE AT WORK										1		2		1		1		1		2		4		4		3												19		19	
VEHICULAR	1			1	1	1	6	1	23	3	27	10	27	7	15	6	6	2	10		7	3	5	3	7	4	6	2	1	2	5	5	4	2	8	5	159	57	216		
IN OTHER PLACES					2	1	4		3		6	1	6		3		3		5		4		5	1	5		5	1	2		2	2	2	1	6	3	63	10	73		
HOMICIDE	2	1	4	2	1	1	2	4	10	3	19	12	25	8	16	7	10	6	19	3	11	1	6		9		3	2	3	1	2	1	1	2	2	2	145	56	201		
SUICIDE						1	1	9	2	24	8	22	3	18	7	16	8	9	6	7	6	9	4	9	1	5	4	8	2	3	3	5	2	3	1	148	58	206			
VIOLENCE OF UNDETERMINED ORIGIN				1								2		1	1	2	1	2		1	1	1		1			1										10	5	15		
NATURAL CAUSES	21	25	2	3	2		2	1	1	1	3	4	16	8	15	15	23	14	31	11	52	17	44	16	45	20	38	18	36	6	19	17	17	4	16	19	383	199	582		
ABORTIONS																																									0
NEONATAL AND INTRA-UTERINE DEATHS		3																																					3	3	
UNDETERMINED CAUSES							1	1		1	2		1			2		2	1	1	1			1		2											10	6	16		
GRAND TOTAL	25	30	11	10	7	3	17	11	47	10	87	41	107	31	80	38	70	32	86	25	86	34	77	27	85	28	67	31	55	11	32	31	31	16	38	40	1008	449	1457		

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 FOETAL DEATH	UNDETERMINED CAUSES	TOTAL	
Cleveland	107	11	101	151	370	167	83	11	261	631	1048		5	12	1065	1696
Bay Village	1			1	2	1	2		3	5	3				3	8
Beachwood	1			2	3		2		2	5	1				1	6
Bedford			4	1	5		1		1	6	16				16	22
Bedford Heights	6		1		7	1	2		3	10	4				4	14
Berea	2		1	2	5	1	2		3	8	6				6	14
Brecksville			2		2		3		3	5	3				3	8
Broadview Heights	2		1		3					3	5			1	6	9
Brooklyn			4	1	5		2		2	7	5				5	12
Brook Park	2		4		6	1	4		5	11	3				3	14
Cleveland Heights	6		3	6	15	4	6		10	25	17				17	42
East Cleveland	2		5	9	16	7	5		12	28	81				81	109
Euclid	9	1	4	2	16	2	3		5	21	80			1	81	102
Fairview Park	4			3	7		3		3	10	11				11	21
Garfield Heights	3	1	6	3	13		4		4	17	63				63	80
Highland Heights				2	2		1		1	3						3
Independence			1		1		4		4	5						5
Lakewood	6	1	1	9	17	2	9		11	28	54				54	82
Lyndhurst	1				1		1		1	2	2				2	4
Maple Heights	4			1	5	1	4		5	10	6				6	16
Mayfield Heights	5		4	2	11		1		1	12	45				46	58
Middleburg Heights	1	1	2	2	6		6		6	12	60				60	72
North Olmsted	2		2		4		2		2	6	7				7	13
North Royalton	1		1		2	1	3	1	5	7	2				2	9
Olmsted Falls	1		1	1	3					3	2				2	5
Parma	10	1	10	4	25	3	15	1	19	44	86				86	130
Parma Heights	4		1	1	6		6		6	12	14				14	26
Pepper Pike	1		4		5		2		2	7	1				1	8
Richmond Heights	1		2		3	1	1		2	5	22				22	27
Rocky River	2		2	2	6					6	8				8	14
Seven Hills	2		1		3		1		1	4	2				2	6
Shaker Heights	4				4		3		3	7	13				13	20
Solon			2		2	1	2		3	5	19			1	20	25
South Euclid	1			1	2		2	1	3	5	9				9	14
Strongsville	2	1	2		5	2	2		4	9	5				5	14
University Heights			1		1					1	6				6	7
Warrensville Heights	1		1	1	3	1			1	4	46				46	50
Westlake	1		3	6	10		4		4	14	38				38	52
GRAND TOTAL	195	17	177	213	602	196	191	14	401	1003	1793		5	16	1814	2817

GEOGRAPHICAL LOCATION-ALL FATALITIES SUMMARY

VILLAGES AND TOWNSHIPS	VIOLENT DEATHS										TABLE 7					
	ACCIDENTS					OTHER VIOLENCE										
	IN THE HOME	AT WORK	VEHICULAR	IN OTHER PLACES	TOTAL ACCIDENTS	HOMICIDE	SUICIDE	UNDETERMINED ORIGIN	TOTAL OTHER VIOLENCE	TOTAL ALL VIOLENCE	NATURAL CAUSES	ABORTIONS	LIVE BIRTH AND FOETAL DEATH	UNDETERMINED CAUSES	TOTAL	GRAND TOTAL
Bentleyville															0	
Bratenahl			3		3		2	1	3	6					6	
Brooklyn Heights			1		1					1					1	
Chagrin Falls	1				1		1		1	2					2	
Cuyahoga Heights		1	1		2					2					2	
Gates Mills															0	
Glenwillow											1			1	1	
Hunting Valley															0	
Linndale															0	
Mayfield			4		4		1		1	5					5	
Moreland Hills			1		1					1	2			2	3	
Newburgh Heights			1		1					1	1			1	2	
North Randall							1		1	1	2			2	3	
Oakwood											1			1	1	
Orange											2			2	2	
Valley View							2		2	2					2	
Walton Hills			1	1	2		1		1	3	2			2	5	
Woodmere															0	
TOTAL VILLAGES	1	1	12	1	15	0	8	1	9	24	11	0	0	0	11	35
Chagrin Falls																0
Olmsted			1		1		1	1	2	3						3
Riveredge																0
Warrensville			1	2	3					3	4				4	7
TOTAL TOWNSHIPS	0	0	2	2	4	0	1	1	2	6	4	0	0	0	4	10

GEOGRAPHICAL LOCATION - ALL FATALITIES SUMMARY

TABLE 7A

	VIOLENT DEATHS															
	ACCIDENTS					OTHER VIOLENCE										
	IN THE HOME	AT WORK	VEHICULAR	IN OTHER PLACES	TOTAL ACCIDENTS	HOMICIDE	SUICIDE	UNDETERMINED ORIGIN	TOTAL OTHER VIOLENCE	TOTAL ALL VIOLENCE				NATURAL CAUSES		ABORTIONS
TOTALS																
CITIES	195	17	177	213	602	196	191	14	401	1003	1793		5	16	1814	2817
VILLAGES	1	1	12	1	15		8	1	9	24	11				11	35
TOWNSHIPS			2	2	4		1	1	2	6	4				4	10
OUT OF COUNTY	12	3	26	5	46	6	8		14	60						60
TURNPIKES																0
GRAND TOTAL	208	21	217	221	667	202	208	16	426	1093	1808	0	5	16	1829	2922

ACCIDENTAL FATALITIES BY MONTH

TABLE 8

MONTH	HOME ACCIDENTS						WORK ACCIDENTS						VEHICULAR ACCIDENTS						OTHER ACCIDENTS						TOTALS						GRAND TOTAL	
	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	TURNPIKE 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	11	5			1	17		1			1	2	6	1	2			3	12	14	2				16	31	9	2			5	47
FEBRUARY	11	7			1	19					1	1	4	3				3	10	9	7				16	24	17			5	46	
MARCH	7	7				14	2					2	5	2				2	9	18	8		1		27	32	17		1	2	52	
APRIL	10	13			1	24	1	1				2	4	9				13	14	7	1			22	29	30	1		1	61		
MAY	14	7				21		2				2	9	9	3			21	8	5				13	31	23	3			57		
JUNE	7	2			1	10		1	1			2	11	13		1		3	28	13	6				19	31	22	1	1	4	60	
JULY	8	7			1	16	1					1	15	9				3	27	12	6				18	36	22			4	61	
AUGUST	7	8	1		2	18	3					3	11	4	5	1		2	23	13	3		1	4	21	34	15	6	2	8	65	
SEPTEMBER	4	4			1	9							9	7				5	21	14	6				20	27	17			6	50	
OCTOBER	8	8			2	18	1					1	12	5	1			1	19	17	5			1	23	38	18	1		4	61	
NOVEMBER	9	9				18	1				1	2	9	8				3	20	10	3				13	29	20			4	53	
DECEMBER	11	11			2	24	2	1				3	6	6	1			1	14	9	4				13	28	22	1		3	54	
TOTAL	107	88	1		12	208	11	6	1		3	21	101	76	12	2		26	217	151	62	1	2	5	221	370	232	15	4	46	667	

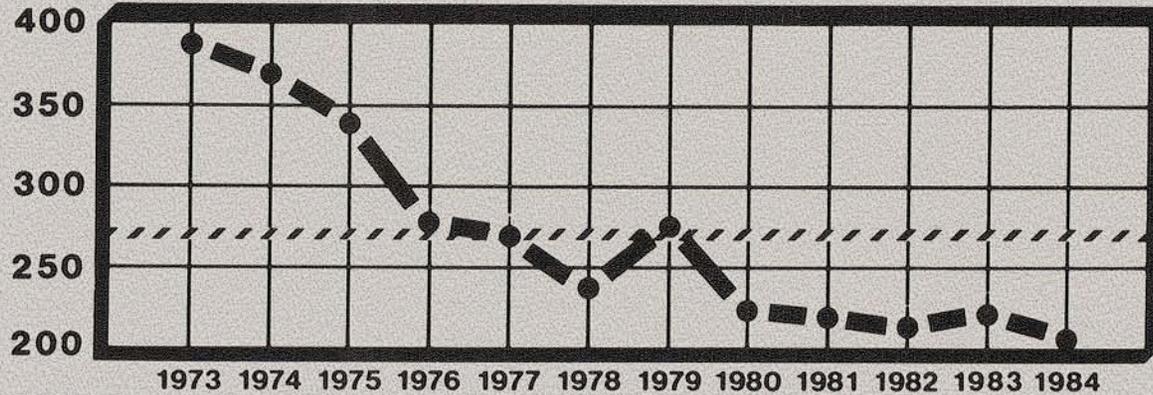
HOMICIDES, SUICIDES, VIOLENCE OF UNDETERMINED ORIGIN FATALITIES BY MONTH

TABLE 9

MONTH	HOMICIDES						SUICIDES						VIOLENCE OF UNDETERMINED ORIGIN						TOTAL					GRAND TOTAL
	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	
JANUARY	13	2			1	16	5	12	1	1	1	20	1					1	19	14	1	1	2	37
FEBRUARY	23	4			1	28	8	5	1		1	15							31	9	1		2	43
MARCH	15	1				16	10	11	2			23	2	1				3	27	13	2			42
APRIL	18	1				19	5	9	1			15	1	1				2	24	11	1			36
MAY	16	5			1	22	8	9	1			18	1					1	25	14	1		1	41
JUNE	8	2			1	11	6	6	1		4	17	1					1	15	8	1		5	29
JULY	15	1			2	18	7	9			1	17							22	10			3	35
AUGUST	10	1				11	9	12			1	22	1					1	20	13			1	34
SEPTEMBER	11	4				15	5	7				12	1			1		2	17	11		1		29
OCTOBER	17	4				21	7	13				20	1	1				2	25	18				43
NOVEMBER	7	3				10	7	8	1			16	1					1	15	11	1			27
DECEMBER	14	1				15	6	7				13	1		1			2	21	8	1			30
TOTAL	167	29			6	202	83	108	8	1	8	208	11	3	1	1		16	261	140	9	2	14	426

ACCIDENTS IN THE HOME

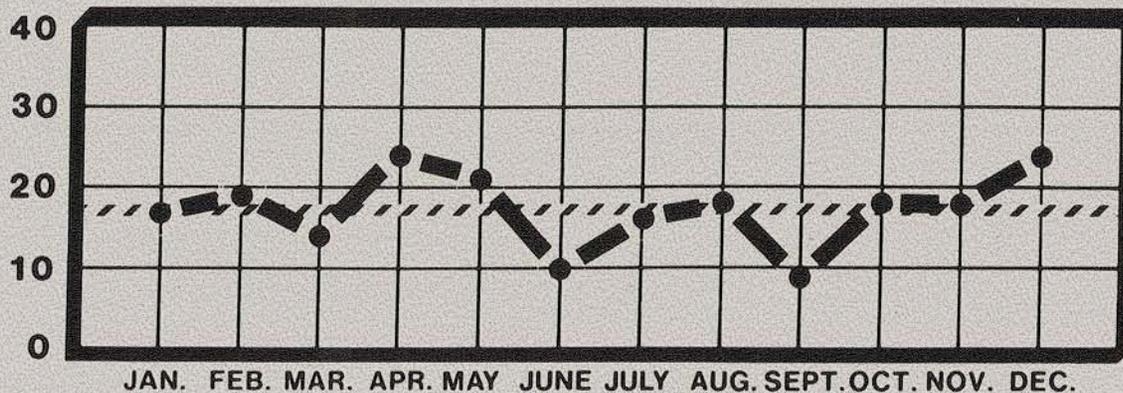
FOR A PERIOD OF TWELVE YEARS



271.3 AVERAGE

		NUMBER	PERCENT
SEX	MALE	106	51
	FEMALE	102	49
RACE	WHITE	163	78
	NON-WHITE	45	22
ALCOHOL	TESTED	113	54
	POSITIVE	42	37
AUTOPSY	AUTOPSIED	126	61

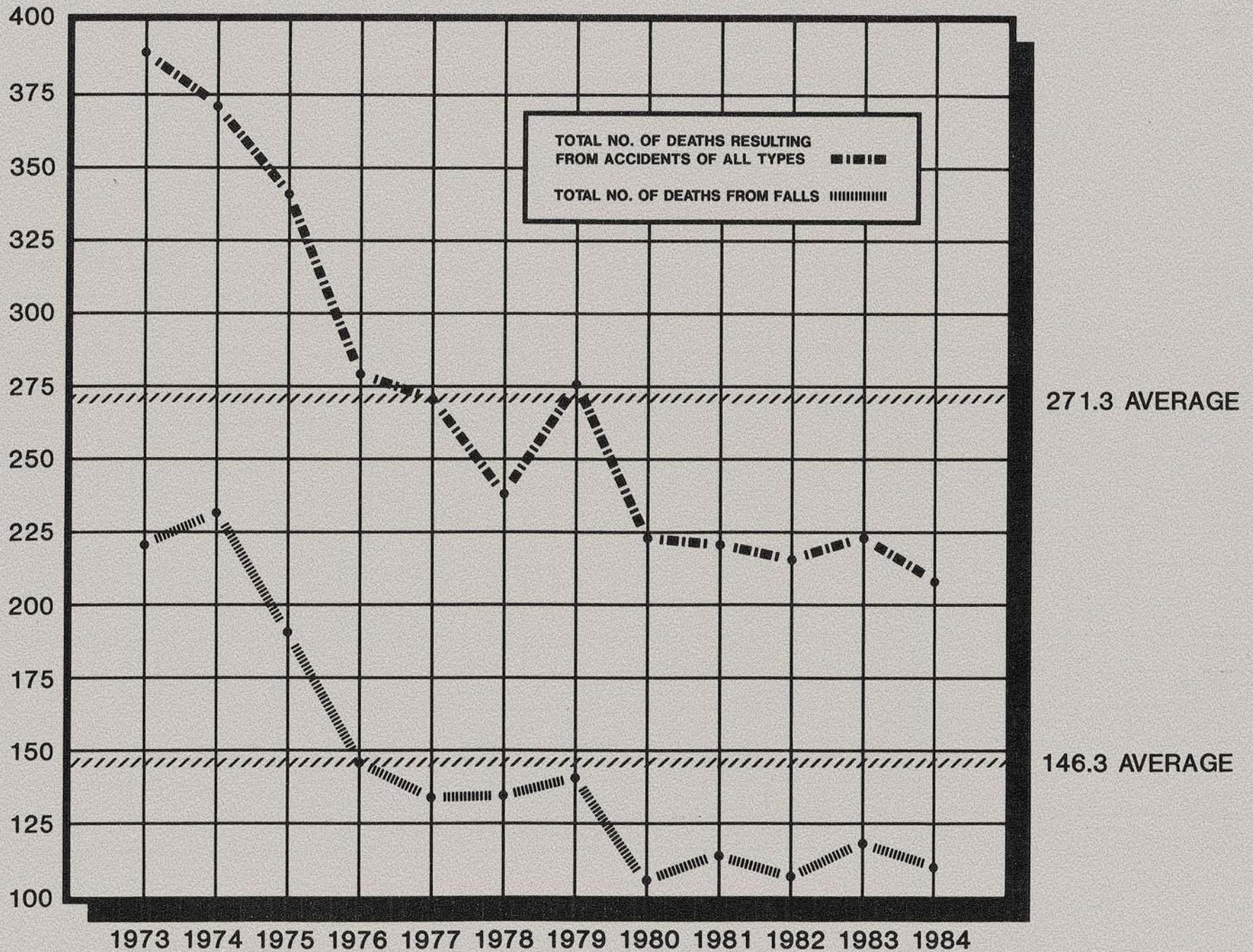
BY MONTH FOR THE YEAR 1984



17.3 AVERAGE

1984
TOTAL CASES
208

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		
JANUARY	17	8	9	6	5	2	3		1	4	6	4	5			1	4	3	4	3																	
FEBRUARY	19	13	6	8	3	5	2		1	4	3		2	2		2	1	9	3	8	2	1	1			1						1					
MARCH	14	9	5	5	2	4	3			4	3	3	2			1	1	5	2	4	2	1					1										
APRIL	24	13	11	7	3	6	7		1	5	7	3	6			2	1	8	4	5	3	3	1			1	1			1	1						
MAY	21	11	10	9	5	2	5			8	4	6	2	2			2	3	6	1	5	2	1			1	1			1							
JUNE	10	5	5	2	5	2		1		2	1	2			1			3	4		1	3	3	1			2					2	1				
JULY	16	9	7	6	2	3	4		1	3	3	2	3	1			6	4	4	2	2	2				1			1			1		1			
AUGUST	18	7	11	2	5	4	5	1	1	6	4	5	3	1		1	1	7		5	1	2		1					1								
SEPTEMBER	9	3	6	1	3	2	2		1	1	1	1	1				2	5	1	5	1						1										
OCTOBER	18	6	12	5	3	1	7		2	2	5	2	5				4	7	1	7	3		1										2				
NOVEMBER	18	8	10	4	5	4	5			3	7	3	6		1		5	3	2		3	3		1	1			1	1	1				1			
DECEMBER	24	14	10	6	5	7	4	1	1	3	6	1	5			2	1	11	4	5	1	6	3			1		1	1	2	1	1			1		
TOTAL	208	106	102	61	46	42	47	3	9	45	50	32	40	6	2	7	8	61	52	35	36	26	16	2	2	3	5	4		6	1	4	3	3	1	4	4

FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

AGE AND RACE - ALCOHOL INCIDENCE

TABLE 11

AGE	RACE	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
Under 1 Year	White																															
	Non-White	2	1	1	1	1					1	1																				
1 - 4	White	6	4	2	2					2				2	2	2	2															
	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	4	2	2		1		1					2	1	2	1																
	Non-White	1		1									1		1																	
15 - 19	White	2	1	1	1							1			1		1															
	Non-White																															
20 - 24	White	8	4	4		1		1					4	3	2	1	2	2	1	1				1			1					
	Non-White	2	2										2		1		1			1												
25 - 29	White	10	7	3									7	3	3	1	4	2			1	2		1				1	1			
	Non-White	1		1									1				1		1										1	1		
30 - 34	White	10	8	2	2		2						6	2	3	1	3	1			1	1		1	1							
	Non-White	5	5										5		2		3				1	1		1	1							
35 - 39	White	9	7	2	1	1		1			1		6	1	3		3	1					2					1	1			
	Non-White	2	2										2		2																	
40 - 44	White	7	4	3	1		1						3	3	1	1	2	2					1			1	1		1			
	Non-White	4	3	1	1		1						2	1	1	1	1										1					
45 - 49	White	4	1	3		1		1					1	2	1	1		1								1						
	Non-White	2		2									2		1		1			1												
50 - 54	White	3	1	2									1	2		1	1	1			1				1							
	Non-White	3	2	1	1						1		1	1	1	1																
55 - 59	White	4	2	2	1	1	1	1					1	1	1	1																
	Non-White	6	4	2	2		2						2	2	2			2								1				1		
60 - 64	White	6	2	4		1						1	2	3	2	3																
	Non-White	3	3		1		1						2				2												2			
65 - 69	White	9	6	3	2	1	2	1					4	2	1	1	3	1	1			1			1			1				
	Non-White	1	1										1				1			1												
70 - 74	White	7	2	5	1	2	1	2					1	3	1	3																
	Non-White	1	1		1		1																									
75 - 79	White	17	8	9	6	5	5	3			1	2	2	4	2	3		1			1											
	Non-White	2	1	1	1	1		1			1																					
80 - over	White	56	14	42	13	31	11	26			2	5	1	11	1	11																
	Non-White	7	5	2	4	2	4	2					1		1																	
TOTAL	White	163	74	89	31	45	23	37	3		5	8	43	44	25	32	18	12	2	1	1	4	3		5	1	3	2	2	1	2	3
	Non-White	45	32	13	14	5	9	3	3	2	2		18	8	10	4	8	4		1	2	1	1		1		1	1	1		2	1
GRAND TOTAL		208	106	102	45	50	32	40	6	2	7	8	61	52	35	36	26	16	2	2	3	5	4		6	1	4	3	3	1	4	4

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	11	9	2	4	2	5				1	1			1	1			8	1	6		2	1											1		1	
BURNING	19	10	9	9	5	1	2		2	8	6	4	6	2		2		2	3	1		1	3										1			1	1
CARBON MONOXIDE	24	15	9	9	3	6	6			1				1				14	9	9	6	5	3				1	1		2	1	2					1
CUTTING AND STABBING	1		1				1				1		1																								
FALLING	110	48	62	24	25	22	31	2	6	33	41	27	32	1	1	5	8	15	21	9	19	6	2		1	1						2	1	2		1	
POISONING	37	20	17	13	10	6	6	1	1	1	1	1	1					19	16	9	9	10	7	1	1	2	2	3		4			1		1		2
SHOOTING	4	3	1	2		1	1											3	1	1	1	2		1												1	
STRUCK BY OBJECT	1	1				1				1				1																							
UNKNOWN	1		1		1													1		1																	
TOTAL	208	106	102	61	46	42	47	3	9	45	50	32	40	6	2	7	8	61	52	35	36	26	16	2	2	3	5	4		6	1	4	3	3	1	4	4

FATALITIES RESULTING FROM ACCIDENTS IN THE HOME MODE - ALCOHOL INCIDENCE

TABLE 14 cont.

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
<u>POISONING:</u> (Continued) - Combined Effect of Ethanol and: Diazepam, Morphine and Codeine	1		1		1													1				1															
Codeine, Morphine, Chlordiazepoxide and Propoxyphene	1	1		1														1				1															
Diazepam, Meperidine, Chlorpheniramine and Propoxyphene	1		1															1				1															
Meperidine, Propoxy- phene, Diazepam and Acetaminophen	1	1		1														1				1															
<u>Combined Effect of Two Chemical Agents:</u> Butalbital and Salicylate	1	1		1														1				1															
Meperidine and Diazepam	1		1		1													1				1															
<u>Combined Effect of Three Chemical Agents:</u> Codeine, Diazepam and Glutethimide	1	1																1				1															
Codeine, Diazepam and Methadone	1	1		1														1				1															
Codeine, Fiorinal and Amitriptyline	1	1		1														1				1															
Codeine, Nortriptyline and Acetaminophen	1		1															1				1															
Codeine, Thioridazine and Acetaminophen	1		1		1													1				1															
TOTAL	37	20	17	13	10	6	6	1	1	1	1	1	1					19	16	9	9	10	7	1	1	2	2	3		4		1	1	2			

FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

MODE - AGE GROUPS

TABLE 15

MODE	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
	ASPHYXIA			1	1							2		2				2		1		1													1			9	
BURNING					2			1	1			1			1			2	1	1		1				1	1		1	1		3			1	10	9	19	
CARBON MONOXIDE			3				2	1		1		1	1		3	2	1			1			1			1	1		1						2	15	9	24	
CUTTING AND STABBING																						1																1	1
FALLING	1	1									1	2			3		1		3			1	2	1	4	1	3	2	5	1	1	4	5	9	19	40	48	62	110
POISONING				2							1		4	4	6		4		2	2		1		2	2	1		2	1	1		1			1	20	17	37	
SHOOTING							1				2						1																				3	1	4
STRUCK BY OBJECT			1																																		1		1
UNKNOWN																						1																1	1
TOTAL	1	1	5	3	2		2	3	1	1	6	4	7	4	13	2	9	2	7	4	1	5	3	3	6	4	5	4	7	3	3	5	9	10	19	44	106	102	208

FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

FALLS - ALCOHOL INCIDENCE

TABLE 16

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	18	12	6	7	2	6	1			1	1	5	4	1	3	4	1			1						2	1			1	
E 881 - From Ladder	2	2										2		2																	
E 882 - From Building or Other Structure	7	4	3	2	1	1		1	1			2	2	1	1	1	1	1										1			
E 884 - From One Level to Another																															
Bed	9	4	5	4	3	3	3			1		2		2																	
Chair	5	2	3	2	2	2	1				1	1		1																	
Commode	2		2		1		1					1		1																	
Couch	1		1		1						1																				
Tree	1	1		1		1																									
Walker	1		1		1		1																								
Wheelchair	1	1		1		1																									
E 885 - On Same Level	53	20	33	16	25	13	20			3	5	4	8	3	8	1												1			
E 888 - Unspecified	10	2	8		5		5					2	3	2	3																
TOTAL	110	48	62	33	41	27	32	1	1	5	8	15	21	9	19	6	2	1	1							2	1	2		1	

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

FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

FALLS - AGE GROUPS

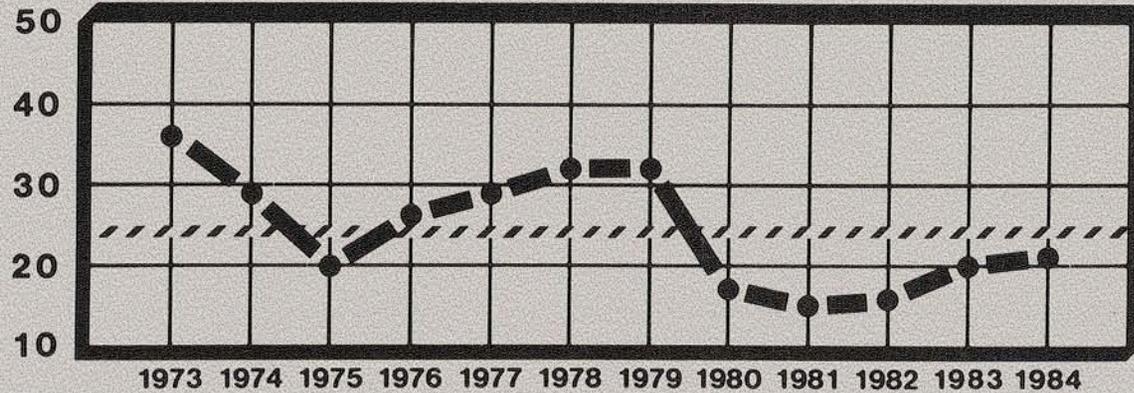
TABLE 17

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	M	F			
E 880 - From Stairs															2				1					2	1	1	2	2	2		1	1			1	2	12	6	18		
E 881 - From Ladder															1																						2		2		
E 882 - From Building or Other Structure	1	1									1	2							1							1											4	3	7		
E 884 - From One Level to Another																																									
Bed																1															1					3	4	4	5	9	
Chair																																									
Commode																																									
Couch																																									
Tree																																									
Walker																																									
Wheelchair																																									
E 885 - On Same Level																																									
E 888 - Unspecified																																									
TOTAL	1	1									1	2			3	1	3						1	2	1	4	1	3	2	5	1	1	4	5	9	19	40	48	62	110	

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

ACCIDENTS WHILE AT WORK

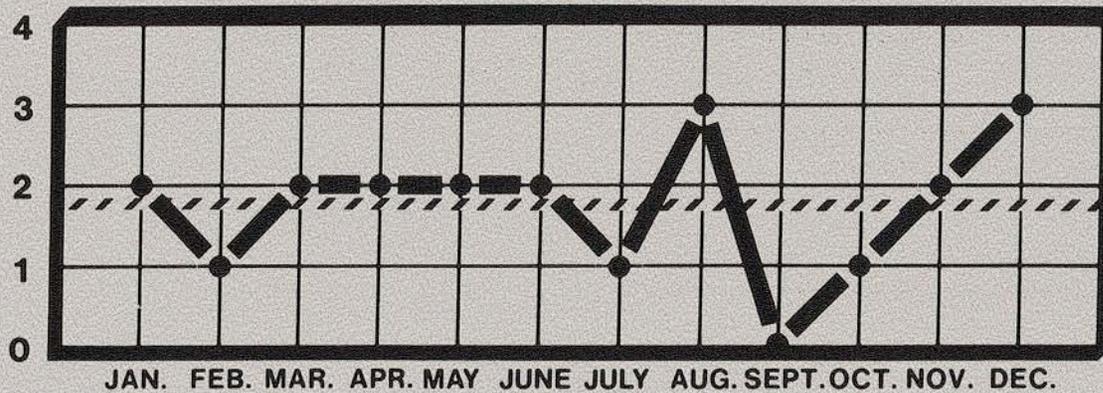
FOR A PERIOD OF TWELVE YEARS



24.4 AVERAGE

		NUMBER	PERCENT
SEX	MALE	21	100
	FEMALE	0	0
RACE	WHITE	18	86
	NON-WHITE	3	14
ALCOHOL	TESTED	16	76
	POSITIVE	1	6
AUTOPSY	AUTOPSIED	19	90

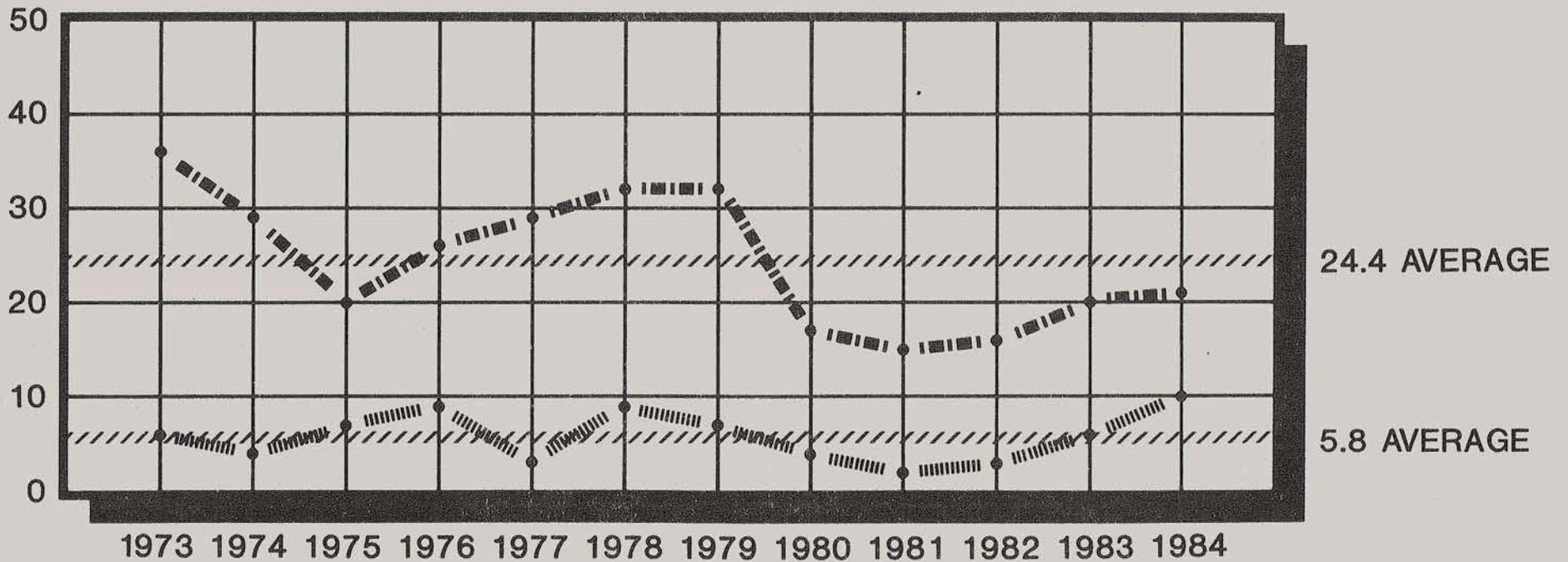
BY MONTH FOR THE YEAR 1984



1.8 AVERAGE

1984
TOTAL CASES
21

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

AGE-RACE-ALCOHOL INCIDENCE

TABLE 19

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

FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

MODE - ALCOHOL INCIDENCE

TABLE 20

MODE	TOTAL	NOT TESTED												TESTED				STAGES																			
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
ASPHYXIA	2	2		1		1												2		2																	
CARBON MONOXIDE	1	1						1										1		1																	
CRUSHING	2	2		2														2		1		1														1	
ELECTROCUTION	2	2				2												2		2																	
EXPLOSION	2	2		2														2		2																	
FALLING	10	10		6		3		1		3		1				2		7		7																	
STRUCK BY OBJECT	2	2				1		1		2		1				1																					
TOTAL	21	21		11		7		3		5		2				3		16		15		1													1		

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													2		2
CARBON MONOXIDE																						1																1		1
CRUSHING																	1							1														2		2
ELECTROCUTION																				1		1																2		2
EXPLOSION												1		1																								2		2
FALLING													1		1									2		3		3										10		10
STRUCK BY OBJECT													1										1															2		2
TOTAL												1		3		1		1		1		3		4		4		3									21		21	

FALLS - ALCOHOL INCIDENCE

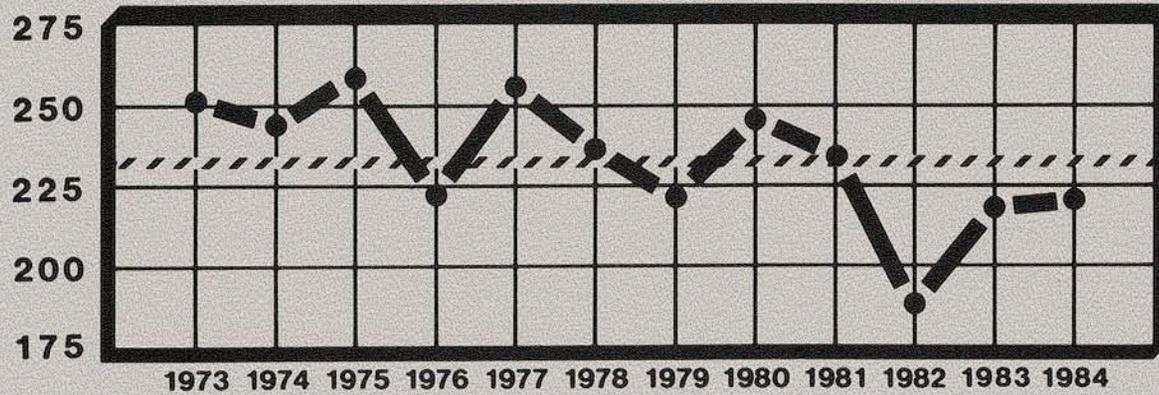
TABLE 23

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	M	F	M	F	M	F		
E 880 - From Stairs	1	1												1		1																							
E 881 - From Scaffolding	1	1												1		1																							
E 882 - From Building or Other Structure	3	3												3		3																							
E 885 - On Same Level	4	2		2		1						1		2		2																							
E 888 - Unspecified	1	1		1								1																											
TOTAL	10	10		3		1						2		7		7																							

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

ACCIDENTS IN OTHER PLACES

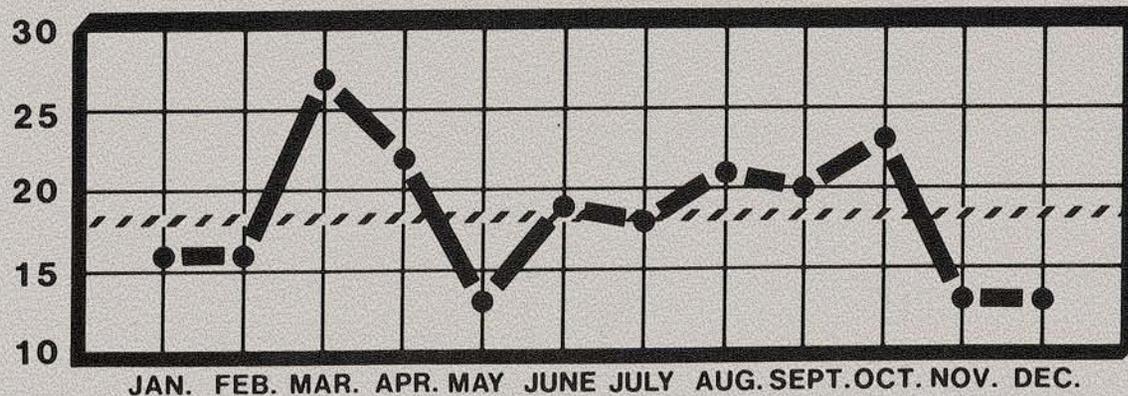
FOR A PERIOD OF TWELVE YEARS



233.6 AVERAGE

		NUMBER	PERCENT
SEX	MALE	160	72
	FEMALE	61	28
RACE	WHITE	191	86
	NON-WHITE	30	14
ALCOHOL	TESTED	56	25
	POSITIVE	19	34
AUTOPSY	AUTOPSIED	73	33

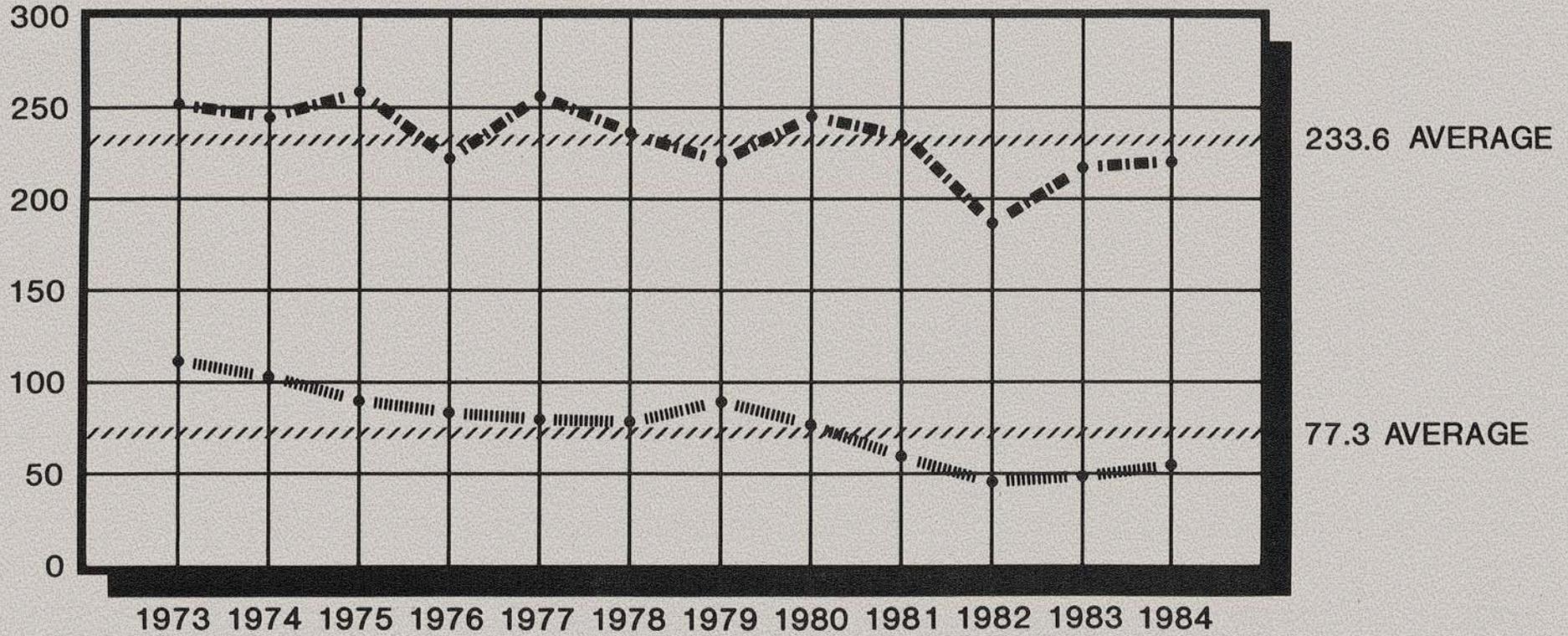
BY MONTH FOR THE YEAR 1984



18.4 AVERAGE

1984
TOTAL CASES
221

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

AGE-RACE-ALCOHOL INDIDENCE

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
Under 1 Year	White	8	3	5	3	5	2	2	1	3																					
	Non-White																														
1 - 4	White	2	1	1	1	1		1	1																						
	Non-White																														
5 - 9	White	1	1		1				1																						
	Non-White	2	1	1	1		1					1		1																	
10 - 14	White	5	4	1	2	1	1	1				2		2																	
	Non-White	1	1									1		1																	
15 - 19	White	4	4		1		1					3		1		2		1										1			
	Non-White	1	1									1		1																	
20 - 24	White	7	5	2	1	1		1			1		4	1	3	1	1											1			
	Non-White	1	1		1		1																								
25 - 29	White	4	4									4			4				1								1	1			
	Non-White	3	3		1		1					2			2				2												
30 - 34	White	4	4		1						1		3		1	2					1							1			
	Non-White																														
35 - 39	White	2	2									2			2						1						1				
	Non-White	1	1									1			1		1														
40 - 44	White	4	4		1		1					3		3																	
	Non-White	1	1		1		1																								
45 - 49	White	5	5		2						2		3			3				2									1		
	Non-White	3	3		3		2				1																				
50 - 54	White	8	7	1	4	1	3	1			1		3		2		1												1		
	Non-White	2	2		1		1						1		1																
55 - 59	White	19	16	3	13	2	9				4	2	3	1	3	1															
	Non-White	1	1		1		1																								
60 - 64	White	23	19	4	16	4	13	3			3	1	3		2		1										1				
	Non-White	4	3	1	3		3							1		1															
65 - 69	White	22	15	7	13	7	9	5			4	2	2		2																
	Non-White	4	3	1	3	1	3	1																							
70 - 74	White	21	15	6	14	5	11	2			3	3	1	1	1	1															
	Non-White	4	1	3	1	2	1	2						1		1															
75 - 79	White	16	7	9	5	9	5	5				4	2		2																
	Non-White																														
80 - over	White	36	20	16	18	12	14	9			4	3	2	4	2	4															
	Non-White	2	2		2		2																								
TOTAL	White	191	136	55	96	48	69	30	4	3	23	15	40	7	24	7	16		1		3		1		2		1		5		3
	Non-White	30	24	6	18	3	17	3			1		6	3	3	3	3		1		2										
GRAND TOTAL		221	160	61	114	51	86	33	4	3	24	15	46	10	27	10	19		2		5		1		2		1		5		3

FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

MODE - ALCOHOL INCIDENCE

TABLE 28

MODE	TOTAL	NOT TESTED												TESTED						STAGES																			
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
AIRPLANE ACCIDENT:																																							
Passenger	1	1				1												1		1																			
Pilot	1	1				1												1		1																			
TOTAL	2	2				2												2		2																			
ASPHYXIA:																																							
Aspiration of Foreign Object	3	2	1	2			1										1		2		2																		
Drowning	13	13		7		5		1		3		1		1		1		10		5		5		1		3										1			
TOTAL	16	15	1	9		5	1	1		3	1	1		1	1	1		12		7		5		1		3									1				
BURNING:																																							
Conflagration	1			1		1											1																						
TOTAL	1		1	1						1						1																							
CARBON MONOXIDE:																																							
Auto Exhaust	1	1		1													1				1				1														
TOTAL	1	1		1												1				1				1															
ELECTROCUTION:																																							
Live Wire	2	2		1		1				1				1				1		1																			
TOTAL	2	2		1		1				1				1				1		1																			
EXPOSURE:																																							
Cold	4	3	1	2		1	1										3	1	2	1	1															1			
TOTAL	4	3	1	2		1	1									3	1	2	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																								1				1											2
ASPHYXIA				1		3		2		2		2				1		1		1									1		1	1					15	1	16	
BURNING																																1						1		1
CARBON MONOXIDE													1																									1		1
ELECTROCUTION				1										1																								2		2
EXPOSURE																	1										2	1										3	1	4
FALLING							1				1				2		1		2		2	1	2		3	1	5	1	1	1	2	1	16	13	38	18	56			
POISONING											2							1		1																	4		4	
SHOOTING						1						1		1																							3		3	
STRUCK BY TRAIN							1		2	1			1								1																5	1	6	
THERAPEUTIC COMPLICATION	3	5	1	1		1	1	1	1		2	1		1			2		4		4		13	3	17	3	12	7	14	8	3	6	6	3	84	39	123			
UNDETERMINED																					1									1							2		2	
MISCELLANEOUS																								1													1		1	
TOTAL	3	5	1	1	2	1	5	1	5		6	2	7		4		3		5		8		9	1	17	3	22	5	18	8	16	9	7	9	22	16	160	61	221	

FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

FALLS - ALCOHOL INCIDENCE

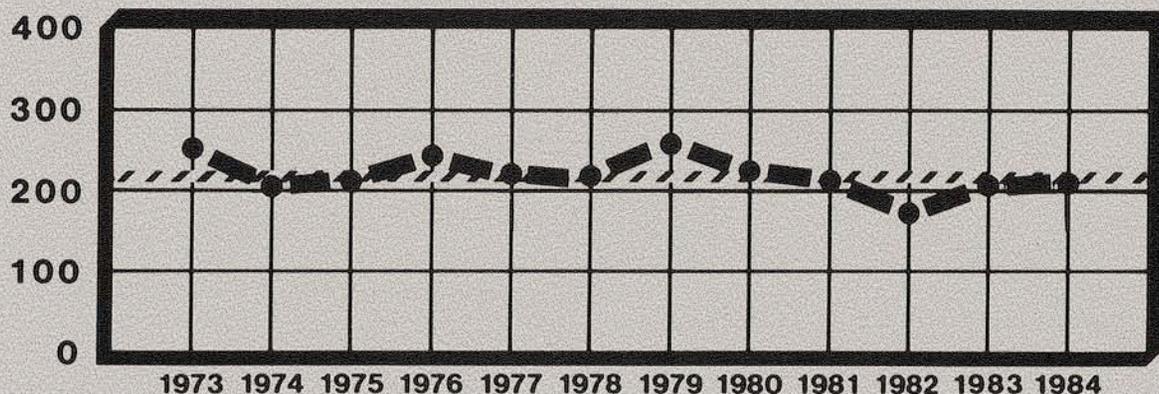
TABLE 31

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	7	6	1	5	1	5	1					1				1								1							
E 882 - From Building or Other Structure	4	3	1									3	1	1	1	2								1							1
E 884 - From One Level to Another																															
Bed	5	2	3	2	3	2	3																								
Chair	1	1		1		1																									
Commode	3	3		3		2				1																					
Wheelchair	3	1	2	1	1	1	1						1		1																
E 885 - On Same Level	19	11	8	10	7	8	5			2	2	1	1	1	1																
E 886 - From Collision with Another Person	2	2		1		1						1		1																	
E 888 - Unspecified	12	9	3	6	2	5	2			1		3	1	2	1	1		1													
TOTAL	56	38	18	29	14	25	12			4	2	9	4	5	4	4		1						2							1

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

VEHICULAR ACCIDENTS

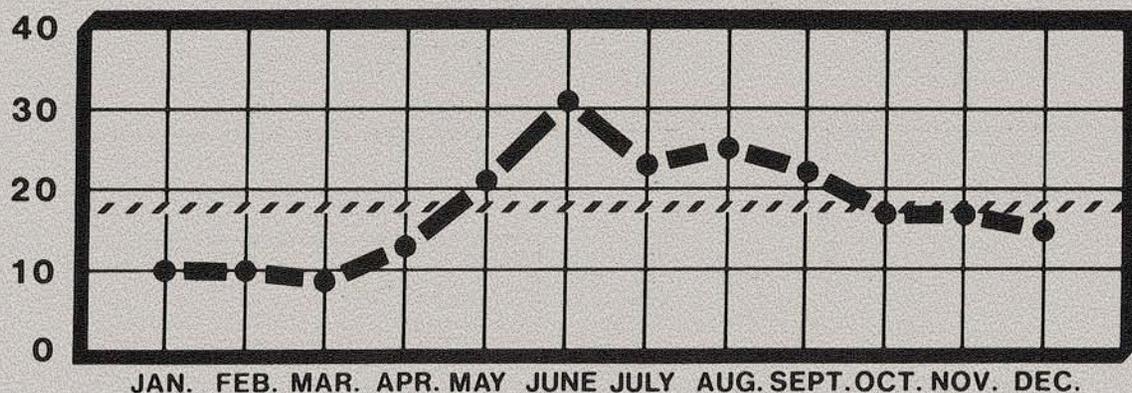
FOR A PERIOD OF TWELVE YEARS



220.8 AVERAGE

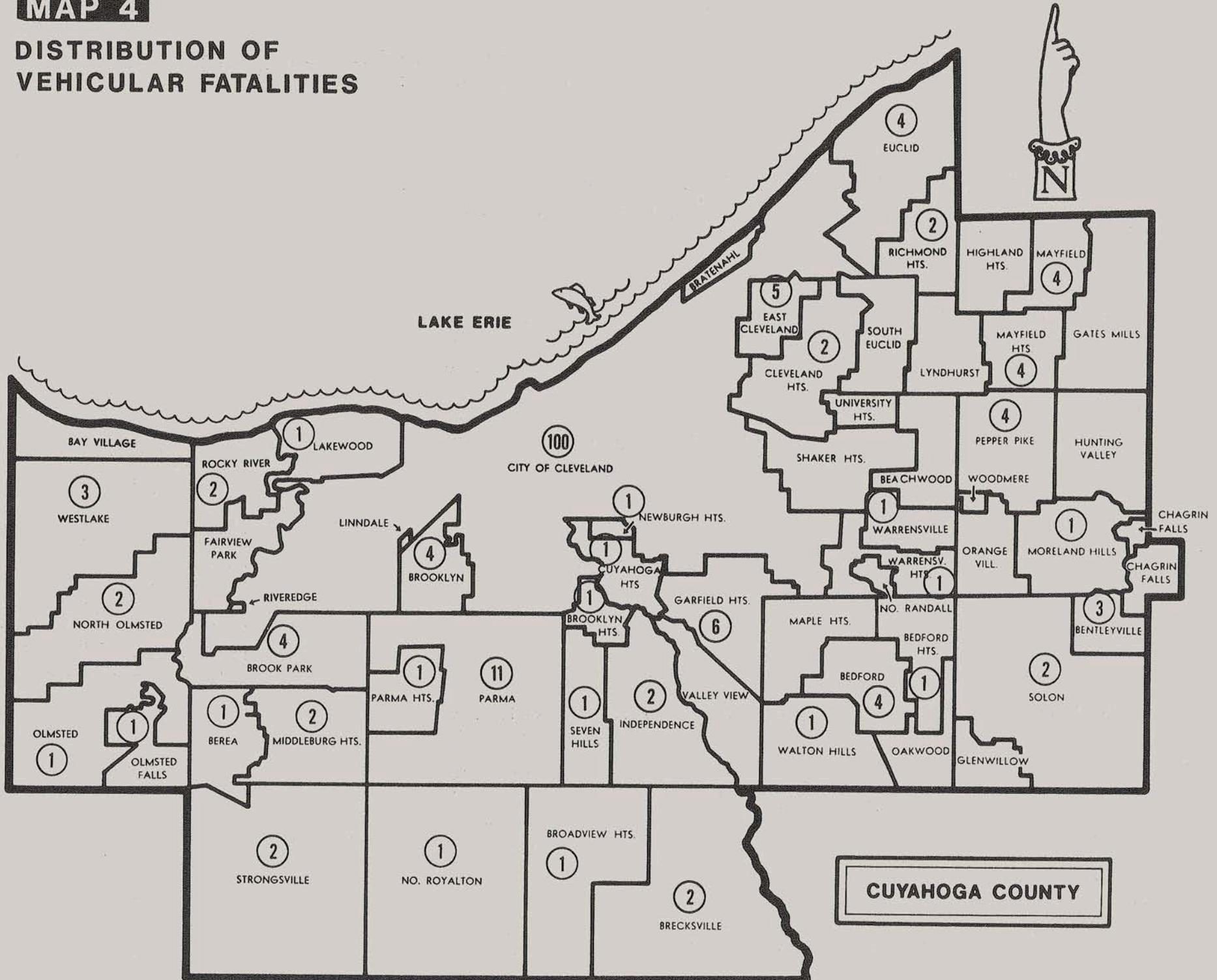
		NUMBER	PERCENT
SEX	MALE	155	73
	FEMALE	58	27
RACE	WHITE	165	77
	NON-WHITE	48	23
ALCOHOL	TESTED	154	72
	POSITIVE	96	62
AUTOPSY	AUTOPSIED	213	100

BY MONTH FOR THE YEAR 1984



17.8 AVERAGE

1984
TOTAL CASES
213

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 "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

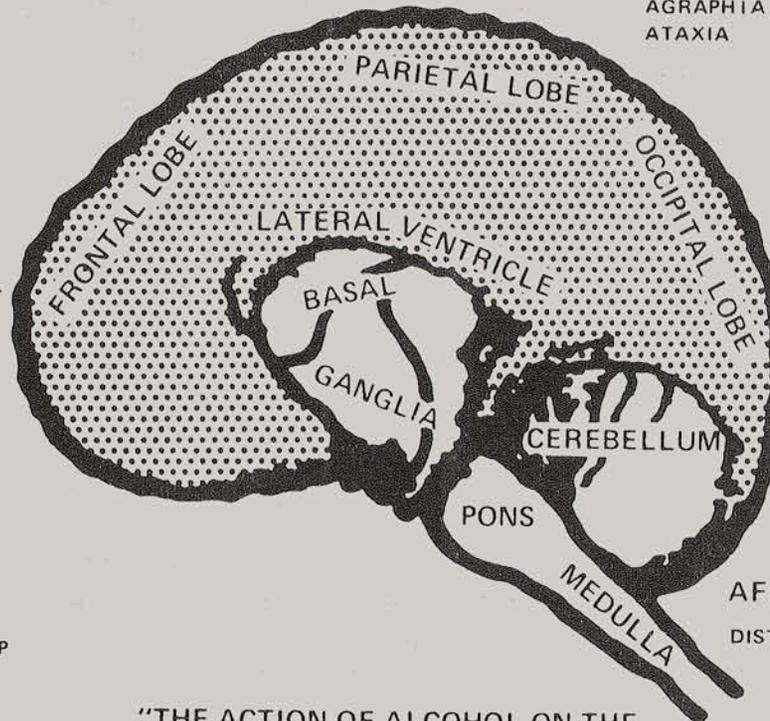
PSYCHOMOTOR AREA

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

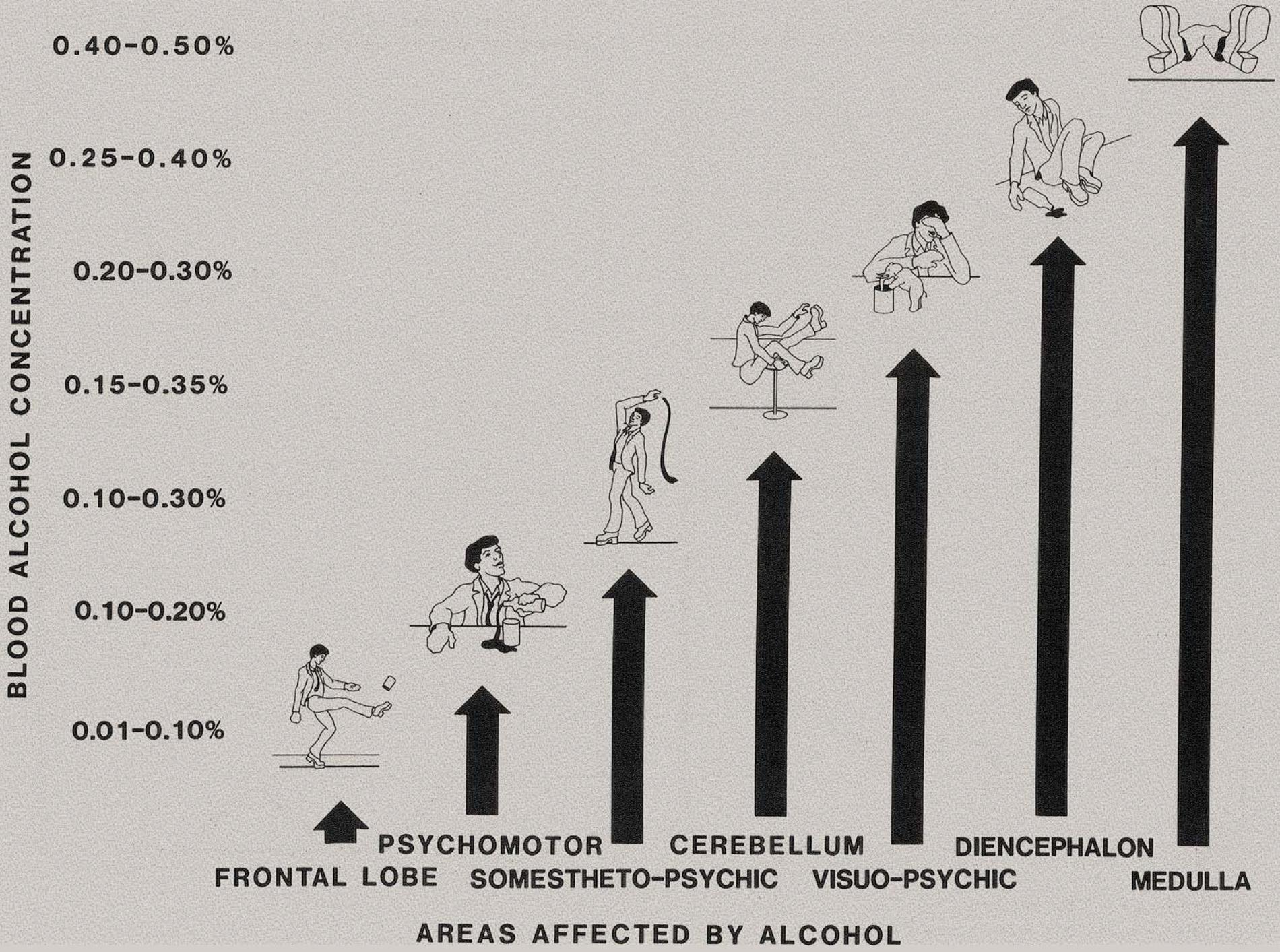
AFFECTED BY 0.25-0.40% ALCOHOL

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

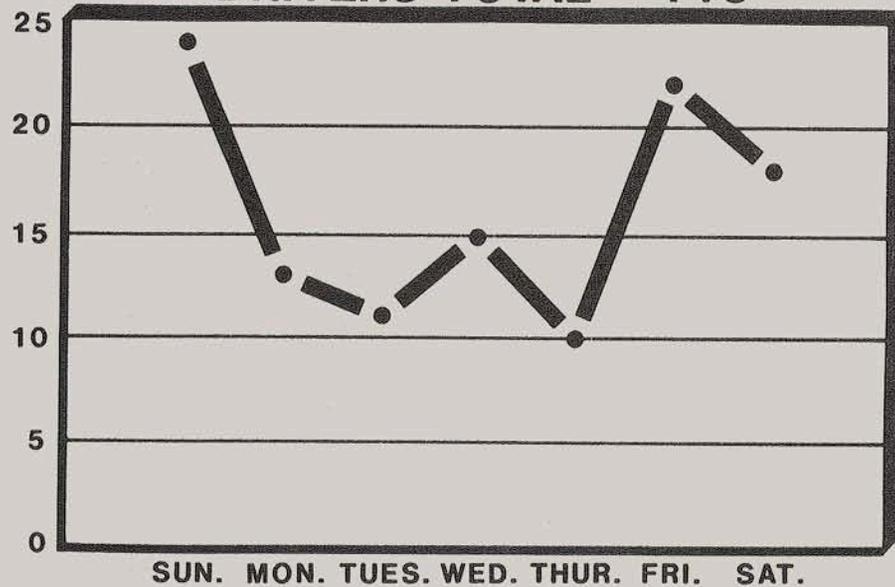
ALCOHOL EFFECTS ON BRAIN DEMONSTRATED PICTORIALLY



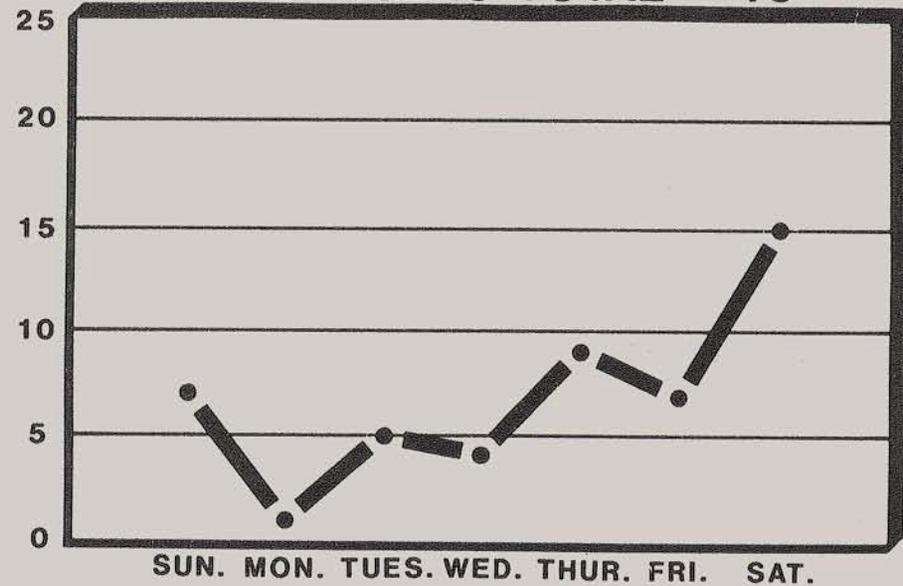
VEHICULAR FATALITIES

DAILY INCIDENCE

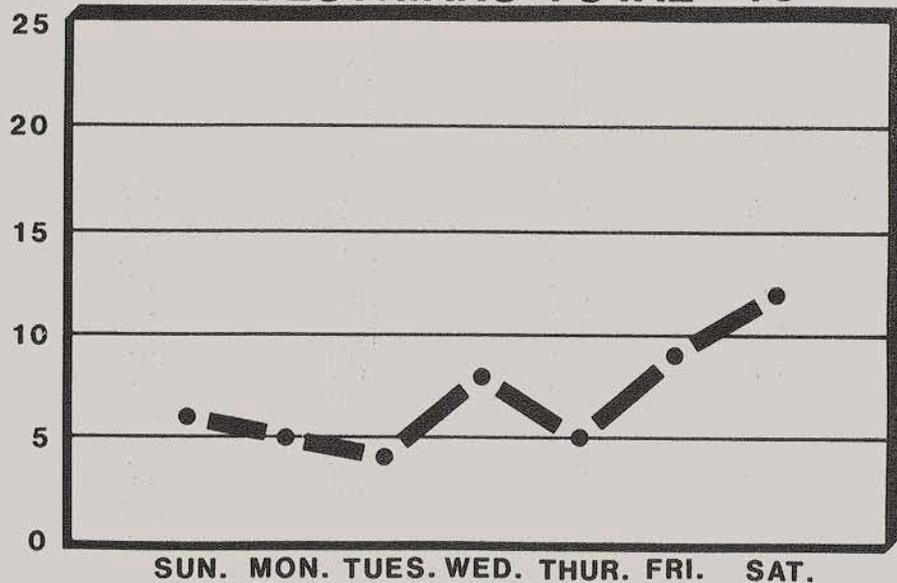
DRIVERS TOTAL - 113*



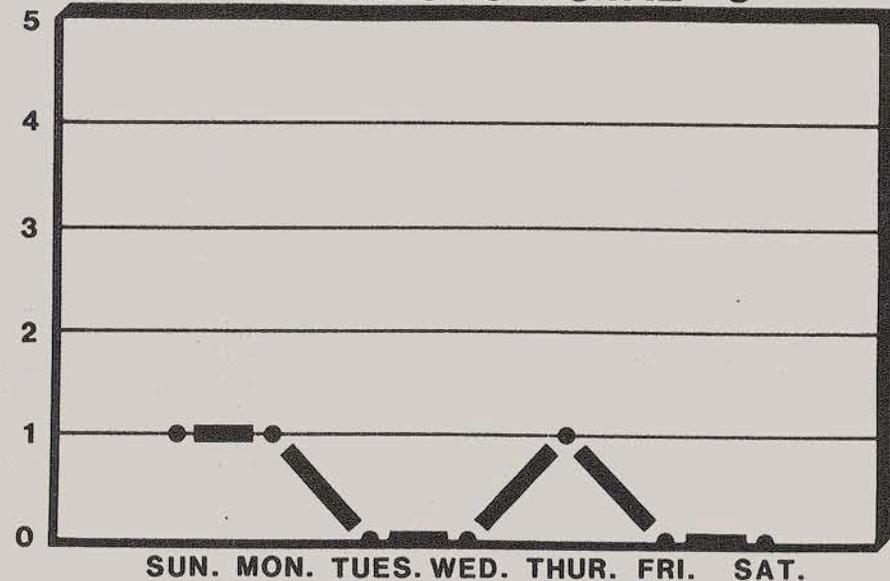
PASSENGERS TOTAL - 48**



PEDESTRIANS TOTAL - 49



BICYCLISTS TOTAL - 3

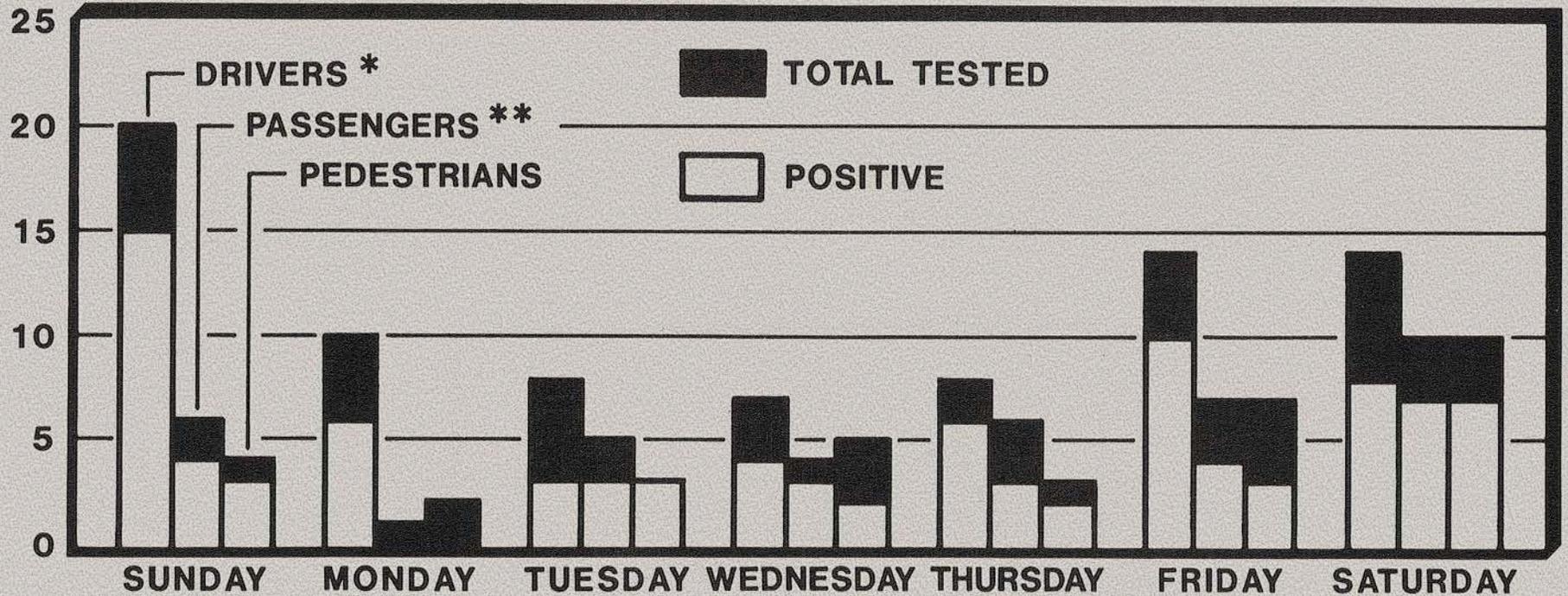


* Includes 22 Motorcyclists

**Includes 4 Motorcycle Passengers

VEHICULAR FATALITIES

DAILY ALCOHOL INCIDENCE



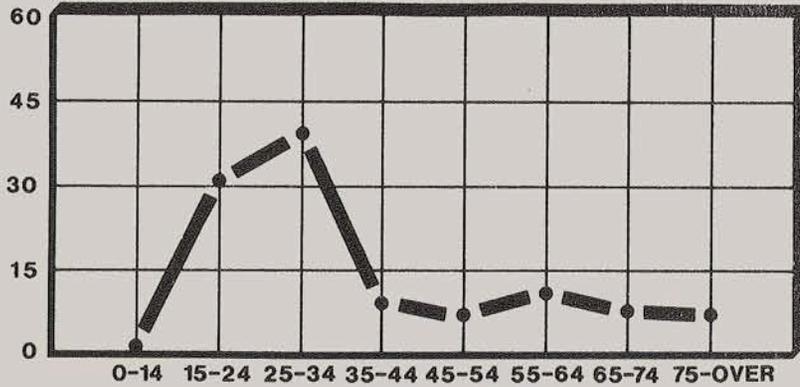
*INCLUDES 22 MOTORCYCLE DRIVERS
 *INCLUDES 3 BICYCLE DRIVERS
 **INCLUDES 4 MOTORCYCLE PASSENGERS

	TESTED	POSITIVE
DRIVERS:	81	52
PASSENGERS:	39	24
PEDESTRIANS:	34	20
TOTAL:	154	96

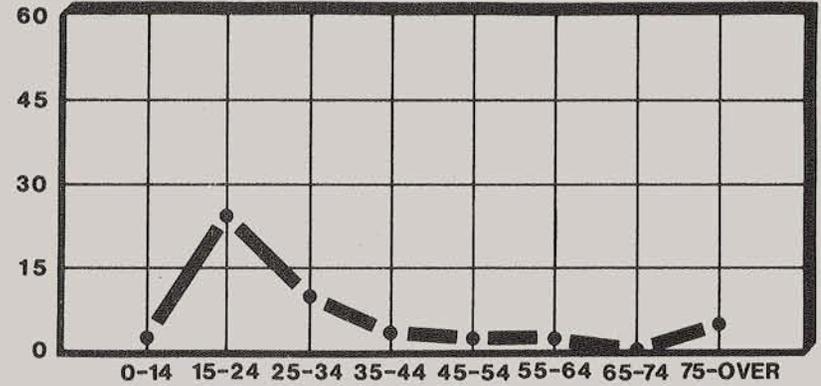
VEHICULAR FATALITIES

AGE GROUPS-CLASSIFICATION OF VICTIMS

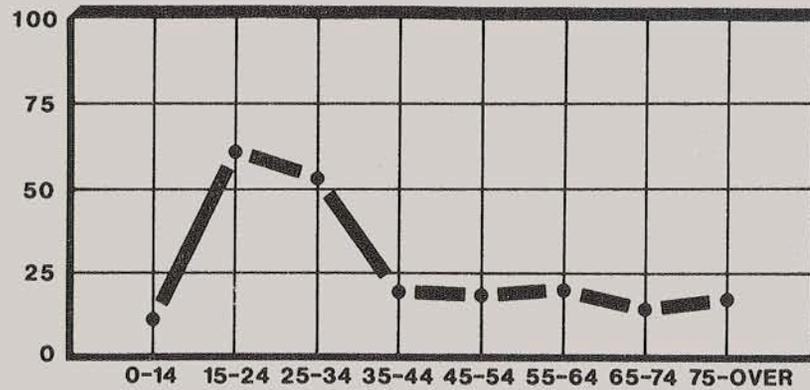
DRIVERS



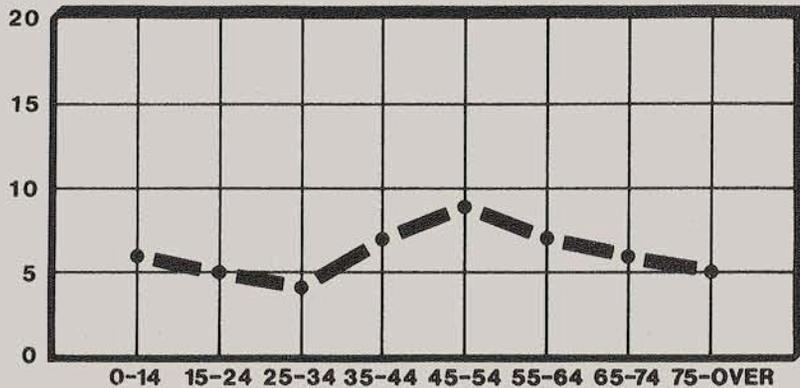
PASSENGERS



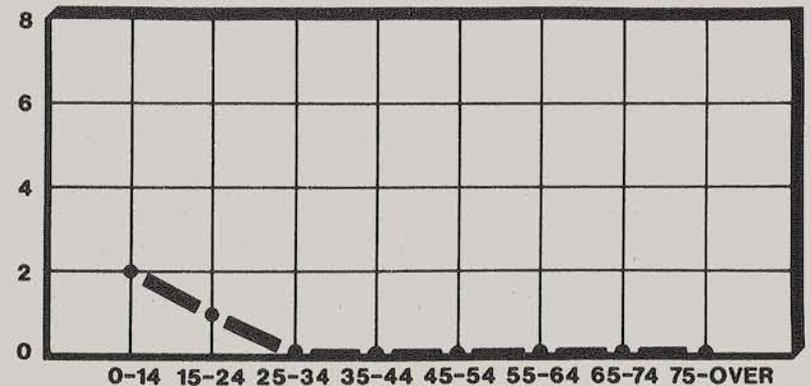
TOTAL



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				
BICYCLIST	3	3		1		1		1				2			2				1																				
DRIVER *	113	92	21	40	8	41	10	11	3			26	7	23	7			3	66	14	22	7	44	7	1		4		9	1	11	2	12	2	5	2	2		
PASSENGER **	48	23	25	10	11	11	10	2	4			2	7	2	6		1		21	18	6	9	15	9	2	2	3	3	2	2	4	1	4	1					
PEDESTRIAN	49	37	12	24	6	11	6	2				11	4	7	2	3	1	1	1	26	8	9	5	17	3	2		1		3		5		2		3	1	1	2
TOTAL	213	155	58	75	25	64	26	16	7			41	18	32	15	5	2	4	114	40	37	21	77	19	5	2	8	3	15	3	20	3	18	3	8	3	3	2	

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			
JANUARY	10	7	3	4	1	2	1	1	1			1	2	1	2				6	1	1		5	1			1		2				1				1	1
FEBRUARY	10	7	3	3	2	2	1	2				2		2					5	3	1	1	4	2	1		1	1			1	1	1					
MARCH	9	6	3	3	2	3			1			1	2	1	2				5	1	1		4	1						1	1	1		1		1		
APRIL	13	7	6	3	1	3	5	1				2		2					5	6	3	3	2	3			1	1			1	1	1					
MAY	21	14	7	5	3	9	4					5	2	3	2	1		1	9	5	1	2	8	3	2		1		1	1	3			2	1			
JUNE	31	23	8	9	3	11	4	3	1			6	3	3	2	2		1	1	17	5	8	4	9	1	1			1		2		4		1	1		
JULY	23	18	5	11	3	5	1	2	1			5		3		1		1	13	5	7	2	6	3		2			1	1	3		1		1			
AUGUST	25	23	2	13		8	1	2	1			6	1	5		1	1		17	1	3	1	14				2		4		2		6					
SEPTEMBER	22	16	6	7	3	7	2	2	1			6	2	6	1		1		10	4	5	2	5	2	1		3	1	1						1			
OCTOBER	17	10	7	5	4	4	2	1	1			2	3	1	3	1			8	4	2	3	6	1				2		2				1	1	1		
NOVEMBER	17	13	4	7	2	5	2	1				3	1	3	1				10	3	4	2	6	1				1		3		1		1				1
DECEMBER	15	11	4	5	1	5	3	1				2	2	2	2				9	2	1	1	8	1				1	1	3		2		2				
TOTAL	213	155	58	75	25	64	26	16	7			41	18	32	15	5	2	4	114	40	37	21	77	19	5	2	8	3	15	3	20	3	18	3	8	3	3	2

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	38	28	10	5	3	4	3	1				23	7	5	3	18	4			3	2	4	1	2		7	1	2			
MONDAY	20	14	6	5	2	2	2	1		2		9	4	5	2	4	2					1		1				2	2		
TUESDAY	20	12	8	4		4						8	8	4	3	4	5	1	2	1				1	2	1			1		
WEDNESDAY	27	22	5	9	2	7	1	1		1	1	13	3	4	3	9		2		1		2		4							
THURSDAY	25	17	8	5	3	2	2	2	1	1		12	5	5	1	7	4	1		1	1		1	4	1		1	1			
FRIDAY	38	30	8	7	3	7	3					23	5	7	4	16	1			2		3		3	5		1		2	1	
SATURDAY	45	32	13	6	5	6	4		1			26	8	7	5	19	3	1				5	1	5		5	1	2		1	1
TOTAL	213	155	58	41	18	32	15	5	2	4	1	114	40	37	21	77	19	5	2	8	3	15	3	20	3	18	3	8	3	3	2

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	2	1	1	1	1			1	1																						
	Non-White																															
5 - 9	White																															
	Non-White	2	1	1	1	1			1			1																				
10 - 14	White	4	3	1	3	1	1		2	1																						
	Non-White	3	3		3		2		1																							
15 - 19	White	25	22	3	4		3			1		18	3	7	1	11	2		1		4	1	4	1	2							
	Non-White																															
20 - 24	White	29	20	9	3	1	3	1				17	8	4	2	13	6		2	1	2	3	1	4		4	1	1				
	Non-White	7	6	1	1		1					5	1	1	1	4		1		2		1										
25 - 29	White	29	22	7	4	1	4	1				18	6	1		17	6		2	1	2	1	4		6	2	3	2				
	Non-White	3	3									3		1	2				1								1					
30 - 34	White	13	11	2	2		2					9	2	3	1	6	1	1			1		3	1			1					
	Non-White	8	4	4	1	1	1	1				3	3	2	1	1	2						1	1					1			
35 - 39	White	5	3	2								3	2	1	1	2	1				1		1					1				
	Non-White	4	3	1		1		1				3			3			1				1						1				
40 - 44	White	6	6		1					1		5		3		2					1				1							
	Non-White	4	4									4		2		2		1			1											
45 - 49	White	6	5	1								5	1	1	1	4							2				1		1			
	Non-White	4	2	2	1	1	1	1				1	1			1	1	1											1			
50 - 54	White	3	2	1	1		1					1	1		1	1											1					
	Non-White	5	3	2								3	2	1	2	2									1			1				
55 - 59	White	9	6	3	1		1					5	3	3	3	2									2							
	Non-White	2	1	1	1	1	1	1																								
60 - 64	White	7	4	3	2	2	1	2			1	2	1	1	1	1							1									
	Non-White	2	1	1	1		1						1		1																	
65 - 69	White	4	2	2	1	2	1	2				1				1						1										
	Non-White																															
70 - 74	White	9	4	5	2	2	2	2				2	3	1	3	1										1						
	Non-White	1	1		1		1																									
75 - 79	White	5	4	1	3	1	2	1			1		1																			
	Non-White	1		1									1		1																	
80 - over	White	9	6	3	2	2	2	2				4	1	3	1	1				1												
	Non-White	2	2		1		1					1		1																		
TOTAL	White	165	121	44	30	13	23	11	3	2	4	91	31	29	15	62	16	1	2	5	3	13	3	19	2	16	3	7	3	1		
	Non-White	48	34	14	11	5	9	4	2		1	23	9	8	6	15	3	4		3		2		1	1	2		1	2	2		
GRAND TOTAL		213	155	58	41	18	32	15	5	2	4	114	40	37	21	77	19	5	2	8	3	15	3	20	3	18	3	8	3	2		

VEHICULAR FATALITIES

TYPE OF ACCIDENT-ALCOHOL INCIDENCE

TABLE 37

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		
NON-TRAFFIC:																																							
Collision	2	2				1		1				1		1						1			1		1														
Non-Collision	1	1		1																																	1		
TOTAL	3	3		1		1		1				1		1						2			2		1														
TRAFFIC:																																							
Collision	199	144	55	69	24	61	24	14	7			37	17	28	14	5	2	4	1	107	38	35	20	72	18	4	2	8	3	15	3	17	2	17	3	8	3	3	2
Non-Collision	11	8	3	5	1	2	2	1				3	1	3	1					5	2	2	1	3	1									2	1	1			
TOTAL	210	152	58	74	25	63	26	15	7			40	18	31	15	5	2	4	1	112	40	37	21	75	19	4	2	8	3	15	3	19	3	18	3	8	3	3	2
TOTALS:																																							
Non-Traffic	3	3		1		1		1				1		1						2			2		1								1						
Traffic	210	152	58	74	25	63	26	15	7			40	18	31	15	5	2	4	1	112	40	37	21	75	19	4	2	8	3	15	3	19	3	18	3	8	3	3	2
TOTAL	213	155	58	75	25	64	26	16	7			41	18	32	15	5	2	4	1	114	40	37	21	77	19	5	2	8	3	15	3	20	3	18	3	8	3	3	2

NON-TRAFFIC ALCOHOL INCIDENCE

TABLE 38

TYPE	TOTAL	NOT TESTED										TESTED						STAGES																					
		Total		Cleve.		County		Out of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
COLLISION:																																							
All Terrain Cycle – Fixed Object Cycle Struck Cable	1	1						1				1		1																									
Truck–Pedestrian Struck by Snow Plow in Parking Lot	1	1				1														1			1		1														
NON-COLLISION:																																							
Driver of Auto that Drove Off River Embankment	1	1		1																1			1											1					
TOTAL	3	3		1		1		1				1		1						2			2		1								1						

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	M	F		
PEDESTRIAN:																																							
Auto	38	31	7	20	2	10	5	1				10	4	6	2	3	1	1	1	21	3	8	2	13	1	1	1	2	5	1	3	1							
Bus	1	1		1								1	1																										
Truck	9	4	5	3	4		1	1											4	5	1	3	3	2			1								1	2			
AUTO-AUTO																																							
Driver	28	25	3	11	1	10	2	4				7	1	6	1		1		18	2	10	2	8		1		2	1	2		1				1	1			
Passenger	12	4	8	3	4		4	1				2		2					4	6	2	5	2	1	1									1	1				
AUTO-BICYCLE																																							
Bicyclist	1	1						1				1				1																							
AUTO-BUS																																							
Passenger	1		1						1			1		1																									
AUTO-FIXED OBJECT																																							
Driver	43	29	14	10	4	17	8	2	2			5	5	4	5		1		24	9	2	3	22	6		1	5	1	6	1	6	2	3	2	1				
Passenger	19	13	6	3	3	9	3	1				2		2					11	6	1	2	10	4		2	1	2	2	3	1	3							
AUTO-MOTORCYCLE																																							
Motorcyclist	11	11		6		4		1				3		3					8		3		5			2	2							1					
Passenger	1		1		1														1		1																		
AUTO-TRUCK																																							
Driver	12	10	2	3	2	5		2				5		4			1		5	2	3	2	2			1								1					
Passenger	6	3	3	2	1	1			2			2			1		1		3	1	1		2	1	1		1	1											
BICYCLE-FIXED OBJECT																																							
Bicyclist	1	1		1															1				1				1												
BICYCLE-TRUCK																																							
Bicyclist	1	1				1						1				1																							
MOTORCYCLE-FIXED OBJECT																																							
Motorcyclist	4	4		2		2						2		2					2		1		1												1				
Passenger	3	1	2			1	1		1										1	2	1			2		1		1											
MOTORCYCLE-TRUCK																																							
Motorcyclist	2	2		2															2		1		1													1			
TRUCK-FIXED OBJECT																																							
Driver	1	1		1															1				1														1		
Passenger	3	1	2	1	2							1		1					1	1	1			1		1													
TRUCK-TRUCK																																							
Driver	2	1	1			1			1			1		1					1				1													1			
TOTAL	199	144	55	69	24	61	24	14	7			37	17	28	14	5	2	4	1	107	38	35	20	72	18	4	2	8	3	15	3	17	2	17	3	8	3	3	2

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		
AUTO-AUTO Driver	28	25	3	11	1	10	2	4				7	1	6	1		1			18	2	10	2	8		1			2	1		2		1		1			
AUTO-BICYCLE Bicyclist	1	1						1				1			1																								
AUTO-FIXED OBJECT Driver	43	29	14	10	4	17	8	2	2			5	5	4	5		1			24	9	2	3	22	6		1	5	1	6	1	6	2	3	2	1			
AUTO-MOTORCYCLE Motorcyclist	11	11		6		4		1				3		3						8		3		5			2	2						1					
AUTO-TRUCK Driver	12	10	2	3	2	5		2				5		4			1			5	2	3	2	2			1					1							
BICYCLE-FIXED OBJECT Bicyclist	1	1		1																1				1			1												
BICYCLE-TRUCK Bicyclist	1	1				1						1			1																								
MOTORCYCLE-FIXED OBJECT Motorcyclist	4	4		2		2						2		2						2		1		1					1										
MOTORCYCLE-TRUCK Motorcyclist	2	2		2																2		1		1							1								
TRUCK-FIXED OBJECT Driver	1	1		1																1				1					1										
TRUCK-TRUCK Driver	2	1	1			1		1				1		1						1				1							1								
TOTAL	106	86	20	36	7	40	10	10	3			24	7	19	7	2	3			62	13	20	7	42	6	1	4	10	1	9	1	11	2	5	2	2	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														
PEDESTRIAN:																																															
Auto	38	31	7	20	2	10	5	1												10	4	6	2	3	1	1	1	21	3	8	2	13	1	1		1		2		5		1		3	1		
Bus	1	1		1																1		1																									
Truck	9	4	5	3	4		1	1																				4	5	1	3	3	2					1						1	2		
TOTAL	48	36	12	24	6	10	6	2												11	4	7	2	3	1	1	1	25	8	9	5	16	3	1		1		3		5		2		3	1	1	2

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												
PASSENGER:																																													
AUTO-AUTO	12	4	8	3	4		4	1												2		2						4	6	2	5	2	1	1						1	1				
AUTO-BUS	1		1						1											1		1																							
AUTO-FIXED OBJECT	19	13	6	3	3	9	3	1												2		2						11	6	1	2	10	4			2	1	2	2	3	1	3			
AUTO-MOTORCYCLE	1		1		1																							1		1															
AUTO-TRUCK	6	3	3	2	1	1			2											2		1		1				3	1	1		2	1	1		1	1								
MOTORCYCLE-FIXED OBJECT	3	1	2			1	1		1																			1	2	1		2		1		1									
TRUCK-FIXED OBJECT	3	1	2	1	2															1		1						1	1	1		1													
TOTAL	45	22	23	9	11	11	8	2	4											2	6	2	5	1				20	17	6	8	14	9	2	2	3	3	2	2	3	1	4	1		

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														1				1															
SEPTEMBER	2	2					2													2																			
TOTAL	3	3					3													2				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	173	122	51	64	22	47	23	11	6			30	14	24	11	3	2	3	1	92	37	30	18	62	19	2	2	8	3	14	3	13	3	16	3	6	3	3	2
CLOUDY	1	1			1															1				1		1													
FOG	3	3			2		1					2	2							1				1															
RAIN	27	22	5	10	3	9	2	3				7	3	4	3	2		1		15	2	5	2	10		2			1		4		1		2				
SNOW	4	2	2		1	1	1	1				1	1	1	1					1	1		1	1									1						
UNKNOWN	5	5		1	4							1	1	1						4		2		2							2								
TOTAL	213	155	58	75	25	64	26	16	7			41	18	32	15	5	2	4	1	114	40	37	21	77	19	5	2	8	3	15	3	20	3	18	3	8	3	3	2

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	152	109	43	57	19	42	19	10	5			29	10	23	7	3	2	3	1	80	33	26	17	54	16	2	2	8	3	11	2	12	2	15	3	5	2	1	2
ICE	1		1				1														1		1																
SNOW	6	4	2	1		1	1	2	1			1	2	1	2					3		2		1		1													
WET	49	37	12	15	6	18	5	4	1			10	6	7	6	2		1		27	6	8	3	19	3	2				4	1	6	1	2		3	1	2	
UNKNOWN	5	5		2		3						1		1						4		1		3						2		1							
TOTAL	213	155	58	75	25	64	26	16	7			41	18	32	15	5	2	4	1	114	40	37	21	77	19	5	2	8	3	15	3	20	3	18	3	8	3	3	2

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		
DAWN	2	1	1		1	1														1	1		1	1												1			
DAY	76	53	23	21	8	24	10	8	5			22	11	15	8	5	2	2	1	31	12	21	11	10	1	3		1		2		3	1	1					
DUSK	1		1				1														1		1																
NIGHT WITH STREET LIGHTS	111	83	28	51	16	28	12	4				14	5	12	5		2			69	23	13	8	56	15	1	1	7	1	11	3	14	2	13	3	7	3	3	2
NIGHT WITH-OUT STREET LIGHTS	19	15	4	3		8	2	4	2			5	2	5	2					10	2	2	1	8	1	1	1		2		1		4						
UNKNOWN	4	3	1			3	1													3	1	1		2	1			1			2								
TOTAL	213	155	58	75	25	64	26	16	7			41	18	32	15	5	2	4	1	114	40	37	21	77	19	5	2	8	3	15	3	20	3	18	3	8	3	3	2

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							2				1																											3		3
DRIVER									9	10	4	12	5	8	2	4		5		1	1	4	1	4	3	2	1	2	1	2	3	3		4		70	21	91		
CYCLIST DRIVER						1		3		5		7		5										1													22		22	
PASSENGER				1		1		7	3	8	4	3	2	1	2	1	2			1		1		1		1						2	1	2	22	22	44			
PEDESTRIAN			1		1	1	2	1	3		2		3			1	1	1	5		6	1	1	1	2		3	2		1	3	2	1		3	1	37	12	49	
CYCLIST PASSENGER											2				1	1																					1	3	4	
TOTAL			1	1	1	1	6	1	22	3	26	10	25	7	15	6	6	3	10		7	3	5	3	7	4	5	4	2	2	5	5	4	2	8	3	155	58	213	

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				2		1	1	1						1		1	1					1							7	3	10
FEBRUARY							2			1	1		1	1			1								1				1						1		7	3	10
MARCH												1			1			1		2									1	1			1	1			6	3	9
APRIL							1	1		2	2	1		1	1	1	2															1					7	6	13
MAY				1			3	1	3	1	2	3	1		1								1	1						1	1		1				14	7	21
JUNE					1	2	5		3	1	5	1	6	1							1				1	1					2				1		23	8	31
JULY						2	1	4	4	1		2		1		3		1						2							1				1		18	5	23
AUGUST				1			6	8		1		2				2						1		1	1	2										23	2	25	
SEPTEMBER					1	1	1	3	1	4	2			1		1		1				1	2		1				1					1		16	6	22	
OCTOBER			1					1		1		1	1	1	2				2		1				2	1		1	1		1					10	7	17	
NOVEMBER							2	3		1										2	1	1			1	1	1		1				3			13	4	17	
DECEMBER					1		1	1		4		1								1				1		1		1			1	1	1			11	4	15	
TOTAL			1	1	1	1	6	1	22	3	26	10	25	7	15	6	6	3	10		7	3	5	3	7	4	5	4	2	2	5	5	4	2	8	3	155	58	213

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									2				3		1	1	1						1		1												2		9	3	12
FEBRUARY									2			1	1		1	1											1	1							1		6	3	9		
MARCH													1			1			2		2						1			1			1	1	7	3	10				
APRIL									1	1		2	2	1		1	1	1	1	2									1								6	7	13		
MAY					1				3	1	3	1	2	3	1		1						1	1				1		2					14	7	21				
JUNE						1	2		2		2	1	6	1	6	1						1					1	1			2				1		20	8	28		
JULY							2		3		6	4	1		2		1		3		1				1			1			1				1		21	6	27		
AUGUST					1				5		8		1		1				1				1		1	1	2				1						21	2	23		
SEPTEMBER							1		3		1	1	4	2	1		1		1		1			1	2				1								15	5	20		
OCTOBER	1							1			2		1		1	1	1	1			2		1		1		1	2	1				1	1	1		14	6	20		
NOVEMBER									2		4		1						1				2	1	1		1			2	1				3		15	4	19		
DECEMBER							1			1	1		4		1						1				1				1		1	1	1	1	11	3	14				
TOTAL	1		1	1	1	6	1	23	3	27	10	27	7	15	6	6	2	10			7	3	5	3	7	4	6	2	1	2	5	5	4	2	8	5	159	57	216		

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	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE
To Brain:																														
With Fracture of Skull only						18	5	6		7		11	3	6		1	1	7		5		1	1	36	8	17		9	2	
With Fracture of Skull and Body Fractures						10	1	3		1	5	4	2			2	2	2						16	5	3		1	7	
Without Fracture of Skull	1		1			6		2		3	1	2	1			1	1		1				10	1	4		3	2		
TOTAL	1		1			34	6	11		11	6	17	6	6		1	4	10	2	6		1	1	62	14	24		13	11	
To Spinal Cord:																														
With Fracture of Vertebra																		1	1					1	1					
TOTAL																		1	1					1	1					
To Chest:																														
With Fracture of Thoracic Cage						11	7	3			1	7	5	2										18	12	5			1	
Without Fracture of Thoracic Cage						1		1				1		1				1		1				3		3				
TOTAL						12	7	4			1	8	5	3			1		1				21	12	8			1		
To Extremities:																														
TOTAL						2		1			1	1				1		5		1			4	8		2		1	5	
Multiple Injuries:																														
To Head and Trunk	2		2			23	12	6		4	1	9	5	4			6	3	3				40	20	15		4	1		
To Head, Trunk and Extremities						16	7	6		2	1	4	1	3			16	8	8				36	16	17		2	1		
To Trunk						12	5	5		1	1	3	2	1			3	1	1				18	8	7		2	1		
To Trunk and Extremities						5				1	4	1					1	7	1	3		1	2	13	1	3		2	7	
TOTAL	2		2			56	24	17		8	7	17	8	8		1	32	13	15		2	2	107	45	42		10	10		
Miscellaneous Injuries:																														
TOTAL						9	6	2		1		5	3	1		1							14	9	3		1	1		
GRAND TOTAL	3		3			113	43	35		20	15	48	22	18		2	6	49	16	23		3	7	213	81	79		25	28	

* 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

BICYCLIST

TABLE 53

AGE	BRAIN					MULTIPLE INJURIES					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
10 - 14	1		1				1		1				2		2			
20 - 24							1		1				1		1			
TOTAL	1		1				2		2				3		3			

VEHICULAR FATALITIES

GEOGRAPHICAL LOCATION-TYPE OF ACCIDENT CLASSIFICATION OF VICTIMS

TABLE 54 cont.

CITIES	AUTO					BICYCLE		BUS	MOTORCYCLE		TRUCK			NON-COLLISION			TOTALS				GRAND TOTAL												
	AUTO		FIXED OBJECT		MOTORCYCLE		PEDESTRIAN		TRUCK		FIXED OBJECT		PEDESTRIAN		TRUCK		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	M	F		
North Olmsted Motorcyclist										1														1						1			
Driver																		1						1						1			
North Royalton Driver			1																					1						1			
Olmsted Falls Pedestrian						1																					1			1			
Parma Driver			3																					4						4			
Passenger	1		1																							2			2				
Pedestrian					3	1									1											4	1		5				
Parma Heights Driver																								1					1				
Pepper Pike Driver	1			2																				2	2				4				
Richmond Heights Motorcyclist					1																			1					1				
Passenger																		1								1			1				
Rocky River Passenger											1															1			1				
Pedestrian							1																				1		1				
Seven Hills Driver																								1					1				
Solon Motorcyclist																								1					1				
Passenger																								1		1			1				
Strongsville Driver	1																							1					1				
Motorcyclist					1																			1					1				
Warrensville Heights Passenger	1																									1			1				
Westlake Driver	1	2																						1	2				3				
GRAND TOTAL	23	11	28	17	10	1	30	7	10	3	1	1	1	5	1	2	2	2	3	1	1	4	2	4	1	73	17	16	21	35	12	2	176

VEHICULAR FATALITIES

GEOGRAPHICAL LOCATION-TYPE OF ACCIDENT CLASSIFICATION OF VICTIMS

TABLE 55

VILLAGES, TOWNSHIPS AND TURNPIKES	AUTO				TOTAL						GRAND TOTAL	
	AUTO		FIXED OBJECT		DRIVER		PASSENGER		PEDESTRIAN			
	M	F	M	F	M	F	M	F	M	F		
<u>VILLAGES:</u>												
Bratenahl Driver			2	1	2	1						3
Brooklyn Heights Passenger			1				1					1
Cuyahoga Heights Driver	1				1							1
Mayfield Village Driver			1		1							1
Passenger			3				3					3
Moreland Hills Driver	1				1							1
Newburgh Heights Driver			1		1							1
Walton Hills Passenger			1				1					1
<u>TOWNSHIPS:</u>												
Olmsted Driver			1		1							1
Warrensville Driver			1		1							1
TOTAL	2		11	1	8	1	5					14

VEHICULAR FATALITIES

GEOGRAPHICAL LOCATION-TYPE OF ACCIDENT CLASSIFICATION OF VICTIMS

TABLE 56

OUT OF COUNTY	AUTO														MTC.		TRUCK		N-C.		TOTAL				GRAND TOTAL						
	AUTO		BICYCLE		BUS		FIXED OBJECT		MOTORCYCLE		PEDESTRIAN		TRUCK		FIXED OBJECT		PEDESTRIAN		TRUCK		JEEP		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	4						2	2						2							1	1				9	3			12	
MOTORCYCLIST									1						1										2					2	
PASSENGER ON MOTORCYCLE															1													1		1	
PASSENGER	1					1	1							2													2	3		5	
PEDESTRIAN											1							1										2		2	
TOTAL	5		1			1	3	2	1		1		2	2	1	1	1				1	1		1	11	3	2	4	2	23	

MTC. - Motorcycle

N-C. - Non-Collision

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	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														1											1		1
3 PM																											
4 PM	1																								1		1
5 PM																											
6 PM																											
7 PM																											
8 PM																											
9 PM																											
10 PM					1		1		1																1	1	1
11 PM																											
TOTAL PM	1				1		1		1					1										3	1	1	3
GRAND TOTAL	1				1		1		1					1										3	1	1	3

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	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														3	1	1	3	
1 AM																											
2 AM															1	1	1						1	1	1	1	
3 AM	3		3		2				1						1				1	1			6	4	2	6	
4 AM																											
5 AM																											
6 AM																											
7 AM																											
8 AM																											
9 AM																											
10 AM																											
11 AM																											
TOTAL AM	4		4		3				2						2	1	1		1	1			10	6	4	10	
12 PM																			1	1			1	1		1	
1 PM																											
2 PM								1	1	1	1												2	1	1	2	
3 PM																											
4 PM															1	1							1	1		1	
5 PM																											
6 PM																			1				1			1	
7 PM								1											1	1			2	1		2	
8 PM																							1			1	
9 PM													1	1	1								1	1	1	1	
10 PM	1		1		1																		1	1	1	1	
11 PM															1	1	1		1	1			2	2	1	2	
TOTAL PM	1		1		1			2	1	1	1			1	1	1		3	2	1		4	3	12	8	4	12
GRAND TOTAL	5		5		4			4	1	1	2			1	1	1		5	3	2		5	4	22	14	8	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													
	M	F	M	F	M	F	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	1			2	1	2	1	2	1	3												
1 AM		2		2		2		1	1			1	1	1	1	1			3	3	3	1	1	1	5	5	5	5	5	2	10												
2 AM		1		1		1																			1		1		1	1													
3 AM										1	1	1			2	2	1	1	1	1		4	4	2	3	5	3	5	2	3	8												
4 AM										1	1	1						1	1		1	1	1	1	2	1	2	1	1	3													
5 AM																																											
6 AM														1												1					1												
7 AM														1	1										1		1				1												
8 AM																					1				1						1												
9 AM																																											
10 AM										1	1	1			1										1	1	1		1		2												
11 AM														1											1						1												
TOTAL AM	1	3	1	3	1	3	1	1		3	3	2	2	1	2	1	2	3	4	3	1	1	1	4	1	4	1	4	3	5	3	4	3	2	13	18	13	14	11	8	31		
12 PM																																											
1 PM																																											
2 PM																																											
3 PM																																											
4 PM	1	1	1																		1	1	1	2	1	2		1			3												
5 PM																	1	1			1	1	1	1	1	1	1	1	1	1	1	2											
6 PM		1		1					1	1	1	1		1	1		1	1						2	1	2	2	1	1		4												
7 PM																																											
8 PM																					1	2	1	1	2		1				3												
9 PM														1	1									1		1					1												
10 PM																					1				1						1												
11 PM														1	1	1	1	1	1		1				3		2		1		3												
TOTAL PM	1	2	1	1					1	1	1	1	1	2	2	1	1	1	1	1	4	3	2	1	2	10	7	8	4	4	1	17											
GRAND TOTAL	2	5	2	4	1	3	1	1		1	4	1	4	3	3	1	3	1	3	5	4	5	1	2	1	5	2	5	2	4	7	8	5	5	5	2	23	25	21	18	15	9	48

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	M		F	M	F						
12 AM					1				2	1	1				1	1	1	1	1		3	3	2		8		6		4		8						
1 AM																																					
2 AM																					1	1	1		1		1		1		1						
3 AM	1		1		1																2	2	2		3		3		3		3						
4 AM	1		1		1							1		1		1						1	1	1		2	1	2	1	2	1	3					
5 AM												1		1												1		1			1						
6 AM																	1		1						1		1				1						
7 AM															1											1					1						
8 AM																																					
9 AM					1		1			1		1		1											2		2			1		2					
10 AM	1		1									1		1											1	1	1	1			2						
11 AM																																					
TOTAL AM	3		3		2		2		1		1	2		1	2		1		1		2		2		6	1	6	1	5	1	19	3	16	3	11	1	22
12 PM																																					
1 PM																																					
2 PM															1		1				1		1				3		2			3					
3 PM																																					
4 PM																																					
5 PM					1		1																			1		1				1					
6 PM	1											2		1							1		1	1		4		2		1		4					
7 PM					1																					2						2					
8 PM									1		1		1		1		1		1		2		2	2		3	2	3	1	3	1	5					
9 PM	1		1		1							1								1		1			4		2		1		4						
10 PM	1																			1	1	1	1		2	2	1	2		1		4					
11 PM					1							1		1		1					1		1			2	2	1		1		4					
TOTAL PM	3		1		1		2	1	1			1		1	1	1	1		4	3	3	2	2	1	3	2	2	1	1	18	9	10	5	6	2	27	
GRAND TOTAL	6		4		3		4	1	2			3	1	2	1	2	1	5	3	3	2	2	1	9	3	8	2	6	1	37	12	26	8	17	3	49	

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,c		PASSENGER	PEDESTRIAN		DRIVER c		PASSENGER	PEDESTRIAN	DRIVER a		PASSENGER	PEDESTRIAN	DRIVER c		PASSENGER	PEDESTRIAN	DRIVER a		PASSENGER	PEDESTRIAN	DRIVER		PASSENGER		PEDESTRIAN																							
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F																				
12 AM	2		1							1	1			2	2				1		1	1	1	1	3	7	1	2	1	8		19																	
1 AM	2			2					1					1	1				2		3		1	1		5		5	5		15																		
2 AM	2	1		1			1	1								1			1					1	5	2		1	1		9																		
3 AM	6	1			1		2			1		1				2	2		6		1		2		4	2	17	3	3	5	3	31																	
4 AM	2				1					1		1			1					1		1	1		1	5		1	2	2	1	11																	
5 AM														1								2				2					1	3																	
6 AM															1		1				1					1			1	1		3																	
7 AM						1									1	1	1	1				1				3	1	1		1		6																	
8 AM																								1						1		1																	
9 AM								1			1		1														1			2		3																	
10 AM					1								1	1			1									1		1	1	1	1	5																	
11 AM									1								1									1			1			2																	
TOTAL AM	14	2	1	3	3		4	1		1	2	4	1	3	3	4	2	1	1	2	4	2	3	4	2	10	1	4	1	2	7	1	3	5	6	1	47	8	13	18	19	3	108						
12 PM			1							1															1		1	2					3																
1 PM							1	1						1								2				4	1					5																	
2 PM									1					2	1				1			1	1			1	5	1				3	9																
3 PM												2														3							3																
4 PM	2	1	1	1			1			1								1	1					1	1	5	3	2	1			11																	
5 PM									1		1									1					1		1	1	1	1			4																
6 PM	2			1	1		1			1	1	1		2	1	2				1				2		1	9		2	2	4		17																
7 PM		1						1	1					1						1				1		3	1			2		6																	
8 PM												1							1	2			2	1	1	2	3		1	2	3	2	11																
9 PM				1	1	1				1				1	1	1					1				1	2	2	1		4		9																	
10 PM	2				1	1									1				3			1	1		1	1	6	1		1	2	2	12																
11 PM	1					1				1			1	1	1				1	1	1		1	2	1	1	7	1	3		2	2	15																
TOTAL PM	7	3	1	2	3		6	3		2	1	4	2	1	1		1	9	1	1	4	1	4	1	2	2	1	9	2	1	1	4	3	9	1	4	3	3	2	48	13	10	7	18	9	105			
GRAND TOTAL	21	5	2	5	6		10	4		1	4	1	8	3	1	4	3	1	13	1	3	1	5	3	8	3	5	4	4	1	19	3	5	2	6	3	16	2	7	8	9	3	95	21	23	25	37	12	213

a. Motorcyclists included in drivers

b. Motorcycle passengers included in passengers

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	ADULT		PRE-SCHOOL		SCHOOL	ADULT		PRE-SCHOOL		SCHOOL	ADULT		PRE-SCHOOL		SCHOOL	ADULT		PRE-SCHOOL		SCHOOL	ADULT									
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F						
12 AM					3							3				2			1	1			1	4			2	15	2	19			
1 AM					2	2							1	1										2				10	5	15			
2 AM			1		1	2										1							1				1	5	3	9			
3 AM					7	1										2	2						1				1	22	8	31			
4 AM					3																			2	1			8	3	11			
5 AM																												1	1	3			
6 AM																												2	1	3			
7 AM																												5	1	6			
8 AM																													1	1			
9 AM																												2	1	3			
10 AM						1										2	1											1	3	1	5		
11 AM																													1	1	2		
TOTAL AM			1		17	5									7	3											1	5	74	28	108		
12 PM						1																							1	2	3		
1 PM																													4	1	5		
2 PM																													1	1	4	3	9
3 PM																													1	2	3		
4 PM			2		1	2																							2	5	4	11	
5 PM																													2	2	4		
6 PM					3	1																							2	1	13	1	17
7 PM						1																							2	2	1	6	
8 PM																													1	1	6	3	11
9 PM					1																								2	5	2	9	
10 PM					3																									8	4	12	
11 PM					1																								10	3	15		
TOTAL PM			2		9	5									1	1	13	1									1	13	3	62	26	105	
GRAND TOTAL			3		26	10									1	1	20	4									1	1	18	3	136	54	213

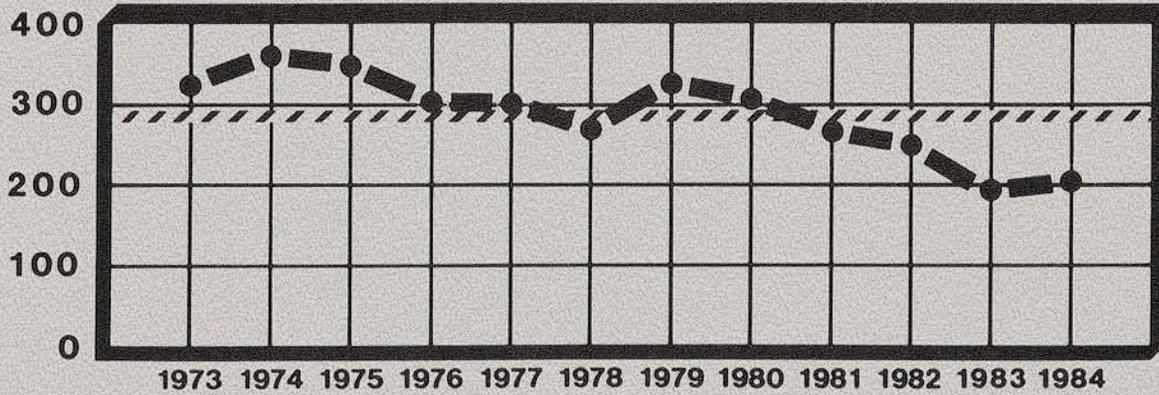
NOTE: PRE-SCHOOL -- Under 5 years

SCHOOL -- 5 to 18 years

ADULT -- 19 years and older

HOMICIDES

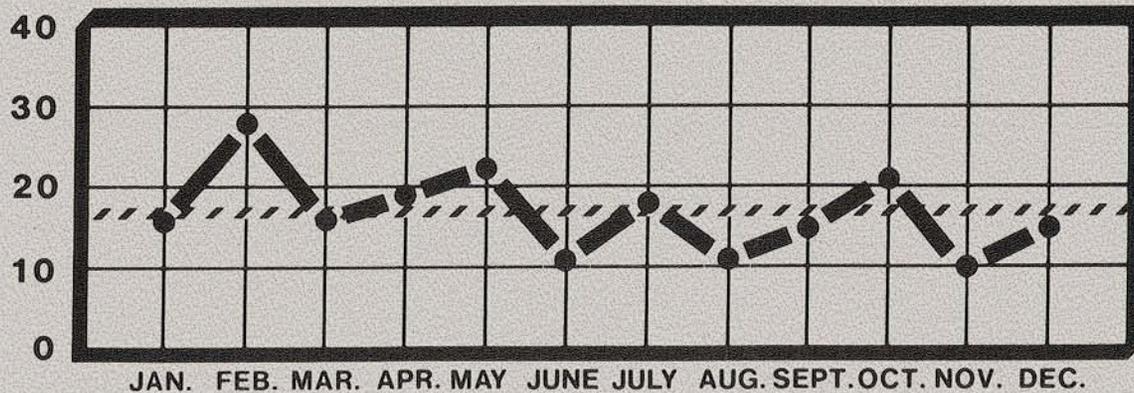
FOR A PERIOD OF TWELVE YEARS



289.2 AVERAGE

		NUMBER	PERCENT
SEX	MALE	146	72
	FEMALE	56	28
RACE	WHITE	65	32
	NON-WHITE	137	68
ALCOHOL	TESTED	178	88
	POSITIVE	73	41
AUTOPSY	AUTOPSIED	201	100

BY MONTH FOR THE YEAR 1984



16.8 AVERAGE

1984
TOTAL CASES
202

AGE-RACE-ALCOHOL INCIDENCE

TABLE 65

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
Under 1 Year	White	2	1	1	1	1			1	1																					
	Non-White	1	1		1				1																						
1 - 4	White	2	2		2				2																						
	Non-White	4	2	2	1	1			1	1			1	1	1	1															
5 - 9	White																														
	Non-White	2	1	1		1				1			1		1																
10 - 14	White	1	1									1		1																	
	Non-White	5	1	4								1	4		4	1					1										
15 - 19	White	5	4	1								4	1	2	1	2			1			1									
	Non-White	8	6	2	1					1		5	2	4	2	1			1												
20 - 24	White	8	3	5								3	5	2	3	1	2		1	1		1									
	Non-White	23	16	7	1		1					15	7	7	2	8	5		1	2	2		3		1	1		1	1	1	
25 - 29	White	12	9	3								9	3	4	3	5						3		2							
	Non-White	21	16	5	1					1		15	5	8	5	7		1	2		1	2	1								
30 - 34	White	9	5	4								5	4	3	4	2			1			1									
	Non-White	14	11	3	1					1		10	3	4	1	6	2		1	1	1	1	1		1		1		2		
35 - 39	White	3	2	1								2	1	1	1	1		1													
	Non-White	13	8	5								8	5	2	4	6	1		3		2			1	1						
40 - 44	White	8	6	2		1					1	6	1	3		3	1		1			1		1		1					
	Non-White	14	13	1	2		2					11	1	5	1	6		2	2			1							1		
45 - 49	White	3	2	1								2	1	1	1	1			1												
	Non-White	9	9		1		1					8		4		4			1		1		1						1		
50 - 54	White	1	1		1		1																								
	Non-White	5	5		1		1					4		2		2							2								
55 - 59	White	1	1									1		1																	
	Non-White	8	8		1		1					7		3		4		1					1		1		1				
60 - 64	White	1		1									1		1																
	Non-White	4	3	1		1		1				3		2		1											1				
65 - 69	White	2	1	1								1	1	1	1																
	Non-White	2	2		1		1					1		1																	
70 - 74	White	3	2	1								2	1	2	1																
	Non-White	1	1		1		1																								
75 - 79	White	1		1									1		1																
	Non-White	2	1	1								1	1	1	1																
80 - over	White	3	2	1	1	1	1	1				1			1		1														
	Non-White	1		1									1		1																
TOTAL	White	65	42	23	5	3	2	1	3	1		37	20	21	17	16	3	2	1	4	1		1	6		3		1			
	Non-White	137	104	33	13	3	8	1	2	2	3	91	30	45	22	46	8	4	1	11	3	8		11		5	2	2	1	5	1
GRAND TOTAL		202	146	56	18	6	10	2	5	3	3	128	50	66	39	62	11	6	2	15	4	8	1	17		8	2	3	1	5	1

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	
ASSAULT	34	21	13	18	10	2	1	1	2	7	4	3	1	3	2	1	1	14	9	10	6	4	3			1	1	2								1	1	1
BURNING	1		1		1						1				1																							
CUTTING AND STABBING	33	27	6	25	5	2	1											27	6	7	6	20				4		1		7		2		2			4	
DROWNING	1	1				1				1				1																								
SHOOTING	121	93	28	81	19	9	9	3		9	1	7	1			2		84	27	48	21	36	6	4	2	10	2	5		10		6	2	1				
STRANGULATION	10	3	7		6	3	1			1				1				2	7	1	6	1	1	1				1										
STRUCK BY MOTOR VEHICLE	1	1		1														1				1		1														
MISCELLANEOUS*	1		1		1													1								1												
TOTAL	202	146	56	125	42	17	12	4	2	18	6	10	2	5	3	3	1	128	50	66	39	62	11	6	2	15	4	8	1	17		8	2	3	1	5	1	

* Jumped From Window When Threatened.

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						
ASSAULT	1	1	2			1	1	1	2		2	3	1	1			1	1	4	2	5																		21	13	34	
BURNING				1																																				1	1	
CUTTING AND STABBING				1	1			1	2		3		6	2	3		2	1	3		3		1		1		2												1	27	6	33
DROWNING				1																																				1	1	
SHOOTING			1				1		6	2	14	8	17	4	13	5	6	3	12	1	3	1	5		8		1	2	3	1	1	1	1		1			93	28	121		
STRANGULATION	1						2		1		1		1		1	1	1																						3	7	10	
STRUCK BY MOTOR VEHICLE													1																										1	1		
MISCELLANEOUS																1																							1	1		
TOTAL	2	1	4	2	1	1	2	4	10	3	19	12	25	8	16	7	10	6	19	3	11	1	6		9		3	2	3	1	3	1	1	2	2	2	146	56	202			

HOMICIDES (NON-JUSTIFIABLE)

PLACE OF OCCURRENCE-CIRCUMSTANCES-ASSAILANTS VICTIMS-ALCOHOL INCIDENCE

TABLE 69

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	M	F	
HOME CIRCUMSTANCES:																																						
During or following an argument																																						
Acquaintance	19	12	7	7	5	5	2											12	7	4	7	8		1				2		2		1				2		
Relative																																						
Brother-in-Law	2	2		2										2				2				2						1		1								
Father	1	1		1										1				1				1																
Son	1	1				1								1				1				1																
Son-in-Law	1	1				1								1				1				1																
Spouse	13	4	9	4	7		2			1		1						3	9	1	7	3	2	1				1	2					1				
Stranger	1		1															1		1																		
During or following the commission or attempted commission of a felony																																						
Acquaintance	5	4	1	4	1					1		1						3	1	3	1																	
Son	1	1				1								1				1		1																		
Stranger	1	1		1										1				1		1																		
Unknown	7	5	2	3	2	2				1		1						5	1	3	1	2		1													1	
Unknown																																						
Acquaintance	4	1	3	1	3													1	3	1	2		1			1												
Grandson	1	1		1														1		1																		
Mother	1	1				1				1			1																									
Son	1		1				1												1		1																	
Spouse	1		1			1													1					1														
Unknown	10	6	4	6	3		1			1		1						5	4	4	4	1														1	1	
Other																																						
Acquaintance	11	6	5	4	1	1	3	1	1	1	1		1	1				5	4	3	3	2	1	1				1		1								
Relative																																						
Father	4	1	3	1	2			1	1	2			1	2				1		1																		
Mother	2	2				2				2			2																									
Spouse	2	1	1	1	1													1	1	1	1																	
Stepfather	1	1		1														1		1																		
TOTAL	90	52	38	37	27	14	9	1	2	8	4	3	1	5	3			44	34	24	29	20	5	2	2	1	1	3	1	7		2		2	1	3		

HOMICIDES IN COUNTY OF CUYAHOGA 1961-1984

(INCLUDES CULPABLE AND JUSTIFIABLE HOMICIDES)

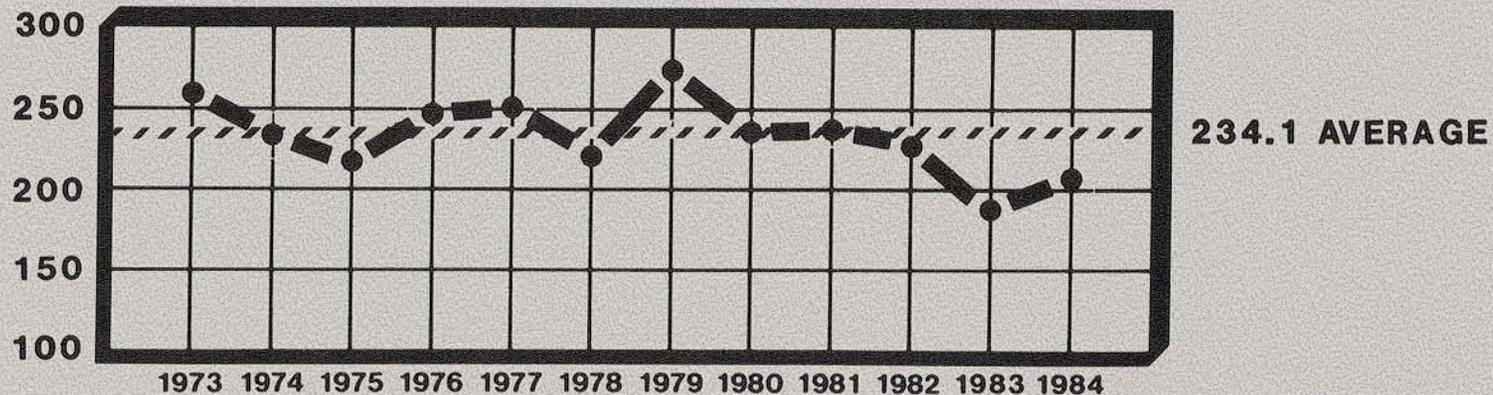
TABLE 69B

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*
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	66.67	17	21	3	2
1966	166	111	66.87	15	35	3	2
1967	185	117	63.24	15	34	5	14
1968	210	167	79.52	16	26	1	
1969	317	254	80.13	29	29	1	4
1970	310	242	78.06	23	34	6	5
1971	324	265	81.79	24	28	4	3
1972	363	287	79.06	33	23	16	4
1973	327	271	82.87	24	20	10	2
1974	362	301	83.14	19	28	11	3
1975	351	274	78.06	29	30	7	11
1976	305	238	78.03	23	29	8	7
1977	300	233	77.67	27	31	6	3
1978	268	211	78.73	17	26	12	2
1979	325	236	72.62	32	37	5	15
1980	314	233	74.20	32	29	6	14
1981	269	208	77.32	25	21	8	7
1982	251	168	66.93	32	36	4	11
1983	196	126	64.29	22	32	8	8
1984	202	121	59.90	34	33	10	4

* Arson, Automobile Crash, Burning, Carbon Monoxide, Drowning, Explosion, Exposure, Hit by Concrete Block, Jumped from Window when Threatened, Multiple Modes, Neglect, Obstruction of Airway by Foreign Object, Poisoning and Stress.

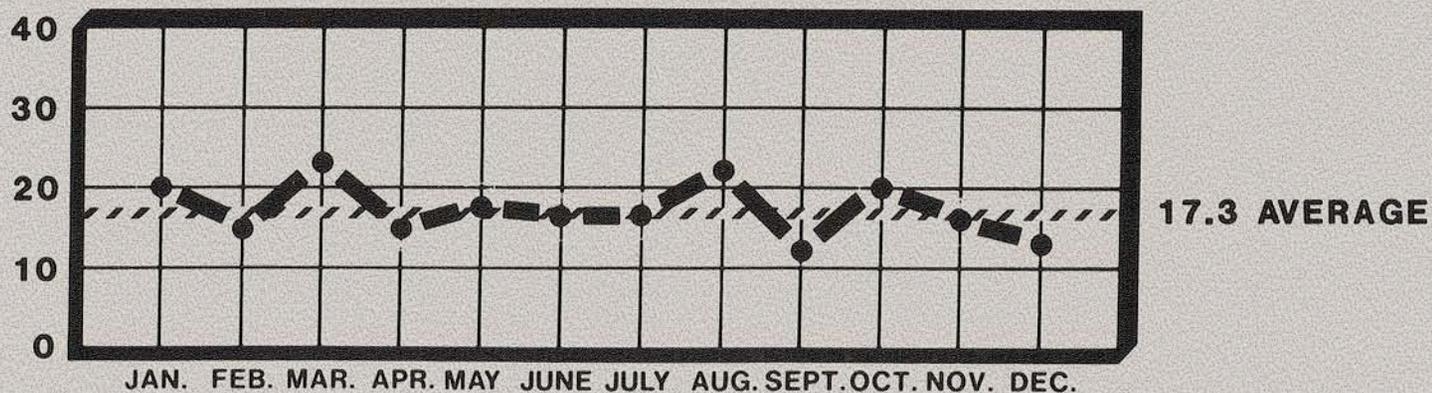
SUICIDES

FOR A PERIOD OF TWELVE YEARS



		NUMBER	PERCENT
SEX	MALE	149	72
	FEMALE	59	28
RACE	WHITE	167	80
	NON-WHITE	41	20
ALCOHOL	TESTED	186	89
	POSITIVE	55	30
AUTOPSY	AUTOPSIED	206	99

BY MONTH FOR THE YEAR 1984



1984
TOTAL CASES
208

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	20	14	6	4	1	9	5	1		1	1	1				1	13	5	9	4	4	1	2	1	1										1			
FEBRUARY	15	8	7	4	4	4	2		1	1					1		7	7	5	7	2					1									1			
MARCH	23	15	8	7	3	8	5			1	1	1				1	14	7	11	6	3	1		1	1											2		
APRIL	15	11	4	3	2	8	2				1		1				11	3	6	3	5			1		2		1		1								
MAY	18	15	3	6	2	9	1										15	3	8	3	7		1		2		2								2			
JUNE	17	14	3	5	1	6	1	3	1	3	1	1	1		2		11	2	7		4	2	1		1		1	1				1			1			
JULY	17	11	6	4	3	6	3	1		2	1		1		2		9	5	6	3	3	2	1									2	1				1	
AUGUST	22	17	5	8	1	8	4	1		2	2	2	2				15	3	10	3	5		1		1								2		1			
SEPTEMBER	12	8	4	2	3	6	1										8	4	5	4	3														1		1	
OCTOBER	20	13	7	5	2	8	5			1					1		12	7	9	6	3	1					1		1						1		1	
NOVEMBER	16	14	2	7		7	2			2		2					12	2	7	1	5	1		1		2		1		1				1				
DECEMBER	13	9	4	4	2	5	2			1	1	1	1				8	3	6	2	2	1				2										1		
TOTAL	208	149	59	59	24	84	33	6	2	14	8	8	6	6	2	135	51	89	42	46	9	6	3	7	11	1	8	1	9	5	2	2	2	2	2			

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
Under 1 Year	White																														
	Non-White																														
1 - 4	White																														
	Non-White																														
5 - 9	White																														
	Non-White																														
10 - 14	White	1		1								1		1																	
	Non-White	1	1									1		1																	
15 - 19	White	9	8	1	1		1					7	1	5	1	2			1			1									
	Non-White	2	1	1								1	1	1	1																
20 - 24	White	26	21	5	5	2	2				3	2	16	3	9	2	7	1	1			3		1	2			1			
	Non-White	6	3	3									3	3	3	3															
25 - 29	White	17	15	2									15	2	9	2	6		1	1	1			1		1		2			
	Non-White	9	7	2	1	1	1	1					6	1	4	1	2				1		1		1						
30 - 34	White	17	14	3									14	3	9	3	5		1			2				1		1			
	Non-White	8	4	4									4	4	3	2	1	2		1				1				1			
35 - 39	White	17	12	5	2		1			1			10	5	5	2	5	3		1	2		1	1	1	1		1			
	Non-White	7	4	3									4	3	4	3															
40 - 44	White	13	9	4									9	4	3	4	6							3		2		1			
	Non-White	2	2		1		1						1		1																
45 - 49	White	11	6	5	2	1	2	1					4	4	4	4															
	Non-White	2	1	1									1	1	1	1															
50 - 54	White	12	8	4		1		1					8	3	5	2	3	1	1			1			1					1	
	Non-White	1	1										1		1																
55 - 59	White	7	7										7		4	3				2				1							
	Non-White	3	2	1									2	1	1	1	1					1									
60 - 64	White	9	5	4	1		1						4	4	2	3	2	1		1	1				1						
	Non-White																														
65 - 69	White	10	8	2	2						2		6	2	6	2															
	Non-White																														
70 - 74	White	7	4	3		1		1					4	2	4	2															
	Non-White																														
75 - 79	White	7	5	2									5	2	3	1	2	1	1				1							1	
	Non-White																														
80 - over	White	4	3	1		1		1					3		2	1			1												
	Non-White																														
TOTAL	White	167	125	42	13	6	7	4			6	2	112	36	70	29	42	7	6	2	7		9	1	7	9		4	2	2	
	Non-White	41	24	17	1	2	1	2					23	15	19	13	4	2		1			2		1	1		1			
GRAND TOTAL		208	149	59	14	8	8	6			6	2	135	51	89	42	46	9	6	3	7		11	1	8	1	9		5	2	2

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	M	F
ASPHYXIA	44	35	9	14	3	18	5	3	1	4	3	3	2			1	1	31	6	23	4	8	2		1	3		2		2		1			1		
BURNING	2		2		1		1				1		1						1		1																
CARBON MONOXIDE	26	18	8	2	1	16	7			1	1					1	1	17	7	10	5	7	2	4				1	3								1
CUTTING AND STABBING	3	2	1	1		1	1											2	1	2	1																
JUMPING	10	5	5	2	3	3	2				2		2					5	3	3	2	2	1	1	1	1											
POISONING	25	6	19	2	10	4	8		1		1		1					6	18	3	17	3	1		1	1		1							1		
SHOOTING	96	81	15	37	6	41	9	3		8		4			4			73	15	48	12	25	3			2		8		3	1	8		4	1		1
MISCELLANEOUS	2	2		1		1				1		1						1				1		1													
TOTAL	208	149	59	59	24	84	33	6	2	14	8	8	6			6	2	135	51	89	42	46	9	6	3	7		11	1	8	1	9		5	2	2	

SUICIDES

POISONING - ALCOHOL INCIDENCE

TABLE 74 CONT.

POISONING	TOTAL	NOT TESTED												TESTED						STAGES											
		Total		Cleve.		County		Out of County		Total	Surv'd Too Long		Under Age		Other	Total		Neg.	Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over					
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
<u>Combined Effect of Two Chemical Agents:</u> Chloral Hydrate and Phenothiazine	1		1																												
<u>Combined Effect of Three Chemical Agents:</u> Acetaminophen, Caffeine and Salicylate	1		1																												
Acetaminophen, Propoxyphene and Phenobarbital	1		1		1																										
Acetaminophen, Propoxyphene and Salicylate	1		1		1																										
Amoxipine, Chlorpromazine and Diphenhydramine	1		1		1																										
Flurazepam, Salicylate and Thioridazine	1		1		1																										
TOTAL	25	6	19	2	10	4	8		1	1		1				6	18	3	17	3	1	1	1	1			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							1		2		5	3	6		1		3		4	1	2		3	2	3		2	2		2	1	1					35	9	44	
BURNING													1													1												2		2
CARBON MONOXIDE							1	1			3	2	1	1	3		1	2		1	1	2	1	1		1		1		1	1		1				18	8	26	
CUTTING AND STABBING															1		1					1																2	1	3
JUMPING											1				2	1	2					1					1							1		1		5	5	10
POISONING								2		1	1	1	1	1	2	1	4		4		2	1				1	1		1	1	1						6	19	25	
SHOOTING							6		15	1	14	1	10	4	8	3	3	1	4	1	3	1	5	1	2		5	1	1		3	1	2				81	15	96	
MISCELLANEOUS										1						1																						2		2
TOTAL						1	1	9	2	24	8	22	4	18	7	16	8	9	6	7	6	9	4	9	1	5	4	8	2	4	3	5	2	3	1	149	59	208		

SUICIDES

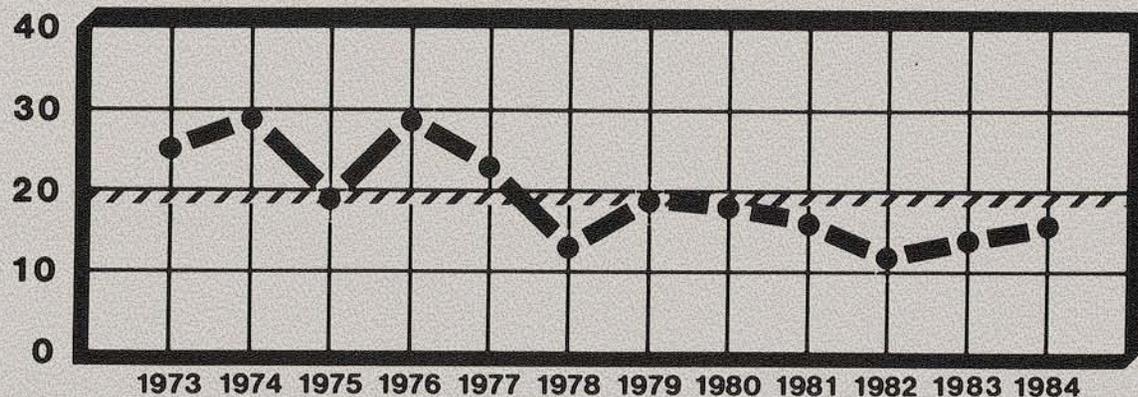
MODE-GEOGRAPHICAL LOCATION AND MARITAL STATUS

TABLE 76

MODE	CLEVELAND												COUNTY												OUT OF COUNTY												GRAND TOTAL
	MARRIED		SINGLE		WIDOWED		DIVORCED		UNKNOWN		TOTAL		MARRIED		SINGLE		WIDOWED		DIVORCED		UNKNOWN		TOTAL		TOTAL												
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F									
ASPHYXIA	9		2	3	1		2					14	3	8	2	8	2	1	2									3	1	35	9	44					
BURNING				1								1		1																2	2						
CARBON MONOXIDE	1		1				1					2	1	7	1	4	5	3	1	2										18	8	26					
CUTTING AND STABBING				1								1		1	1															2	1	3					
JUMPING	1		1	1			2					2	3	1	2			1	1										5	5	10						
POISONING	1	3	1	4		1	1		1		2	10	3	3	1	2			3							1		1	6	19	25						
SHOOTING	12	2	16		3	2	6	2				37	6	15	5	16	1	7	2	3	1						3		81	15	96						
MISCELLANEOUS			1									1							1											2	2						
TOTAL	24	5	23	9	4	3	8	6		1	59	24	34	14	31	10	10	5	9	4						1		6	2	149	59	208					

VIOLENCE OF UNDETERMINED ORIGIN

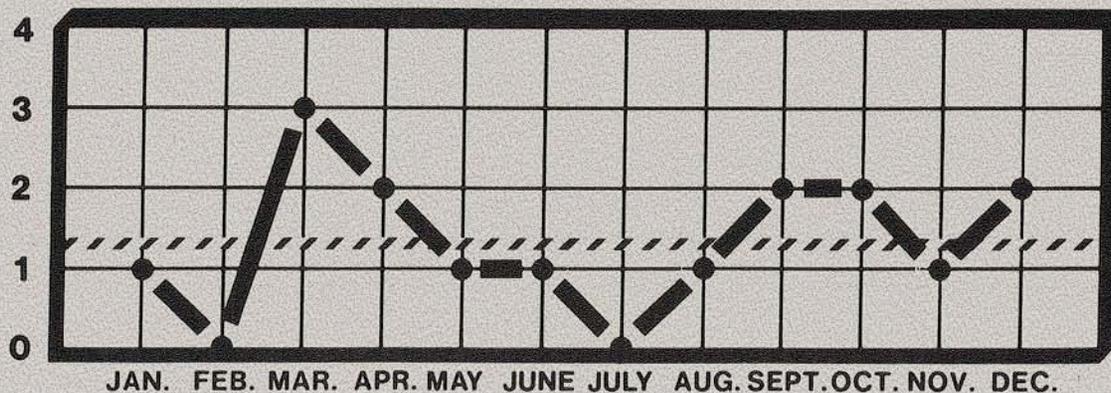
FOR A PERIOD OF TWELVE YEARS



19.4 AVERAGE

		NUMBER	PERCENT
SEX	MALE	10	63
	FEMALE	6	37
RACE	WHITE	7	44
	NON-WHITE	9	56
ALCOHOL	TESTED	13	81
	POSITIVE	5	38
AUTOPSY	AUTOPSIED	15	94

BY MONTH FOR THE YEAR 1984

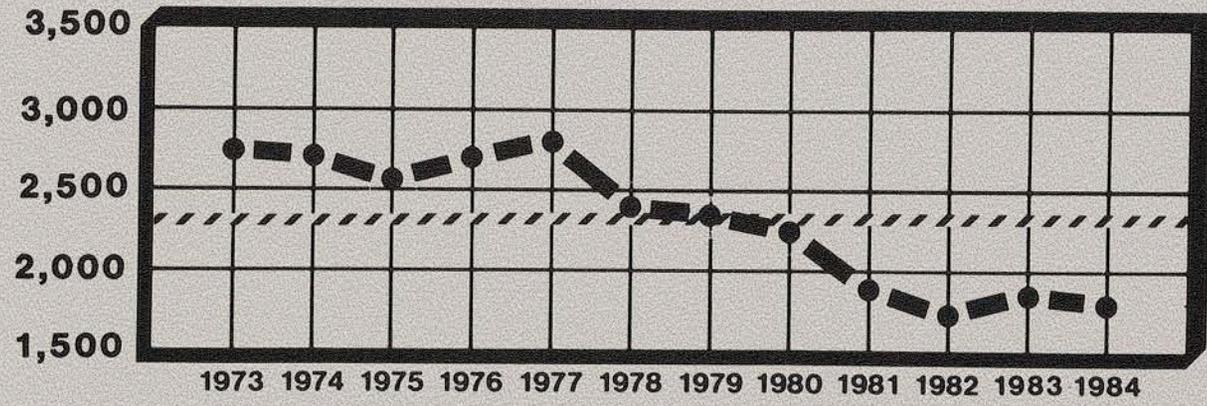


1.3 AVERAGE

1984
TOTAL CASES
16

NATURAL CAUSES

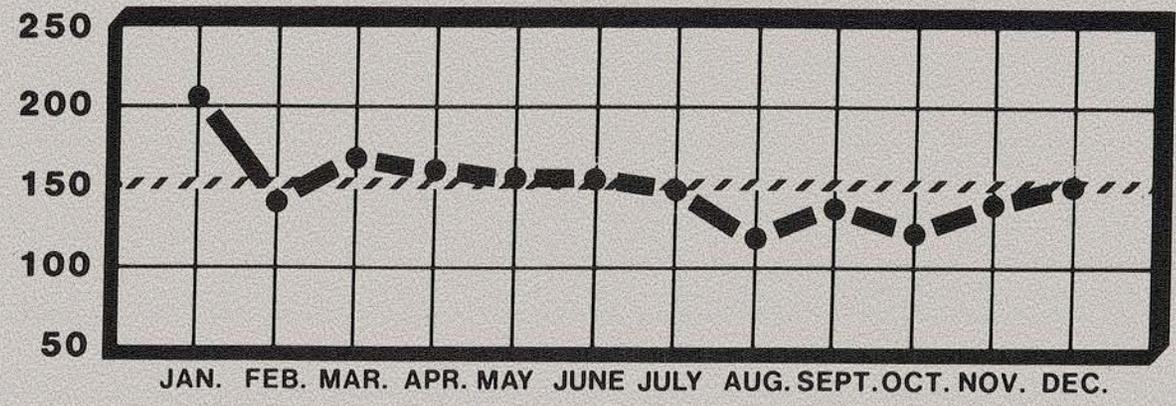
FOR A PERIOD OF TWELVE YEARS



2,329.3 AVERAGE

		NUMBER	PERCENT
SEX	MALE	1115	62
	FEMALE	693	38
RACE	WHITE	1238	68
	NON-WHITE	570	32
ALCOHOL	TESTED	1482	82
	POSITIVE	119	8
AUTOPSY	AUTOPSIED	582	32

BY MONTH FOR THE YEAR 1984



150.7 AVERAGE

1984
TOTAL CASES
1808

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	204	118	86	24	8	4	3	4	3	16	2	94	78	86	73	8	5	2		3			2		2				2	2	
FEBRUARY	142	87	55	16	16	3	4	2	2	11	10	71	39	65	35	6	4	2	2	1						1	1	1	2		
MARCH	168	104	64	17	9	2	1	6	2	9	6	87	55	75	51	12	4	2	1	5		1		1	1			2	1	1	1
APRIL	163	93	70	13	15	3	3	2	3	8	9	80	55	78	53	2	2	1				1							1	1	
MAY	156	103	53	14	18	1				4	13	14	89	35	76	34	13	1	2		4		3		2		1			1	1
JUNE	154	99	55	10	11	3	4	1	2	6	5	89	44	80	42	9	2	2		1	1			3		2				1	1
JULY	148	91	57	23	15	6	2	5	4	12	9	68	42	63	41	5	1			2	1			3							
AUGUST	120	72	48	10	12		1	1	3	9	8	62	36	57	35	5	1	2			1	2								1	
SEPTEMBER	139	88	51	10	11	1	1	3	1	6	9	78	40	71	40	7		3		3		1									
OCTOBER	122	75	47	15	8	4		2	1	9	7	60	39	55	36	5	3		1			1		2					2	2	
NOVEMBER	142	91	51	17	13	3		2	2	12	11	74	38	65	34	9	4			3		4	2					1	2	1	
DECEMBER	150	94	56	9	12		5		2	9	5	85	44	79	39	6	5	1		1	4		1				2		2		
TOTAL	1808	1115	693	178	148	30	24	28	29	120	95	937	545	850	513	87	32	17	4	20	10	12	4	13	1	5	1	5	3	15	9

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	2										1			2	4	4	8
Neoplasms	6	4	4	2	4	2	3	4	3	1	3	4	5	2	3	2	3	4		1	4	3	3	1	41	30	71
Allergic, Endocrine System, Metabolic and Nutritional Diseases					1		1	1			1	1					1	1					1		5	3	8
Diseases of the Blood and Blood-forming Organs													1	1					1						2	1	3
Mental, Psychoneurotic and Personality Disorders **		1	1				1			1		1							1				2		5	3	8
Diseases of the Nervous System and Sense Organs	1				1	1	4		1			1		1					1	1					8	4	12
Diseases of the Circulatory System	97	76	74	46	85	53	78	55	94	45	86	44	71	45	62	41	73	42	66	43	75	46	84	48	945	584	1529
Diseases of the Respiratory System	3		4		1	3	1		1		1		1	1	1		3		2	1	4		2	2	24	7	31
Diseases of the Digestive System	7	1	1	2	3	2	2	4	3		4		8	2	3	1	3	2	2	1	5		2		43	15	58
Diseases of the Genito-urinary System			1			1		1	1	1	1				1				1		1				5	3	8
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																											0
Congenital Malformations		1	1	2				1			1		1	3	1			1					1		4	9	13
Certain Diseases of Early Infancy								1					1												1	1	2
Symptoms, Senility and Ill-defined Conditions ***	4	3	1	3	8	2	3	2		4	1	4	3	2	1	4	6	1	1			2		2	28	29	57
TOTAL	118	86	87	55	104	64	93	70	103	53	99	55	91	57	72	48	88	51	75	47	91	51	94	56	1115	693	1808

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

** In Mental, Psychoneurotic and Personality Disorders 8 were due to Alcoholism.

*** Sudden Unexpected Infant Deaths Totaled 36.

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			2	3	3	6
Neoplasms	3	1	1	1	2	1		2	1		2	2	1	1	1		1	1		1	1		2	1	15	11	26
Allergic, Endocrine System, Metabolic and Nutritional Diseases					1		1	1			1	1						1					1		4	3	7
Diseases of the Blood and Blood-forming Organs													1						1						1	1	2
Mental, Psychoneurotic and Personality Disorders**							1			1		1							1				2		4	2	6
Diseases of the Nervous System and Sense Organs	1				1	1	2					1		1						1	1				5	4	9
Diseases of the Circulatory System	22	20	16	5	27	13	20	14	31	9	25	12	20	3	18	4	21	8	21	12	23	12	29	14	273	126	399
Diseases of the Respiratory System	3	1	2		1	2	1		1		1						2		2	1	4		2	1	19	5	24
Diseases of the Digestive System	6	1			2	2	1	2	2		3		5	2	2	1	2	1	1		2		2		28	9	37
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																											0
Congenital Malformations				2				1										1						1		5	5
Certain Diseases of Early Infancy								1																		1	1
Symptoms, Senility and Ill-defined Conditions ***	4	3	1	3	8	1	3	2		4	1	4	3	2	1	4	6	1	1			2		2	28	28	56
TOTAL	39	26	20	11	43	20	29	24	36	15	34	21	29	10	23	9	32	13	28	15	32	14	38	21	383	199	582

* 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 36.

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	4	2	2	6	2	2	2		4	1	2	4	4	1	3	3	1	1		2	2		2	25	28	53
1 - 4	1	1						1						2					1	1					2	5	7
5 - 9	1				1																				2		2
10 - 14															1	1							1		2	1	3
15 - 19				1			1						1												2	1	3
20 - 24				1					1	1		1			1			1		1			1		4	4	8
25 - 29		1		1	2	1	3	1	1		2		3	1	1		2			3	1		2		17	8	25
30 - 34		3			1	1	4	3	1		5	3	1	1	1		3			1	1		1	3	18	15	33
35 - 39	2	1			2	2	1	3	3	1	1	1	4	2		1	2	1	3	2	3	1	3	1	24	16	40
40 - 44	3	4	3		4	1	5	1	3	2	4	2	3		4		3	1	5	2	4		7	1	48	14	62
45 - 49	6	2	2	2	8	3	6	3	10	1	3	2	7		2		6	2	6	3	7	1	2	2	65	21	86
50 - 54	10	2	6	3	8	4	6	1	10	2	6	3	3	1	4	1	2	2	3	1	11	2	5	2	74	24	98
55 - 59	15	4	10	3	16	4	10	6	12	3	11	4	11	2	8	2	14	8	11	3	11	4	10	3	139	46	185
60 - 64	20	13	19	5	18	8	17	8	17	5	13	6	11	6	11	4	13	3	11	1	10	8	12	9	172	76	248
65 - 69	22	7	16	6	13	4	12	3	17	7	13	7	13	10	15	5	9	7	10	4	13	8	13	5	166	73	239
70 - 74	12	13	14	11	9	13	9	7	9	8	15	6	11	9	11	9	11	4	10	7	9	14	17	2	137	103	240
75 - 79	7	10	7	8	4	8	4	9	7	7	11	3	7	6	5	5	8	10	9	9	9	4	10	6	88	85	173
80 - over	16	21	8	12	12	13	13	22	13	12	13	16	11	13	9	16	11	12	4	10	9	7	11	19	130	173	303
TOTAL	118	86	87	55	104	64	93	70	103	53	99	55	91	57	72	48	88	51	75	47	91	51	94	56	1115	693	1808

AUTOPSIES-DEATHS FROM NATURAL CAUSES

MONTHS AND AGE GROUPS

TABLE 84

	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	3	1	2	6	2	2	2		4	1	2	2	2		3	3	1	1		2	2		2	21	25	46
1 - 4	1							1						1					1	1					2	3	5
5 - 9	1				1																				2		2
10 - 14															1	1							1		2	1	3
15 - 19				1			1																		1	1	2
20 - 24				1					1	1					1				1		1			1	3	4	7
25 - 29		1		1	2	1	3	1	1		2		2	1	1		2			3			3		16	8	24
30 - 34		3			1	1	4	3	1		3	3	1	1	1		3			1			1	3	15	15	30
35 - 39	2	1			2	2	1	1	3	1	1	1	4	2		1	2	1	3	2	2	1	3	1	23	14	37
40 - 44	3	4	3		2		3	1	3		2	2			3		3	1	1	2	3		5	1	31	11	42
45 - 49	4	1	1	1	6	4	4	3	9		3	1	6		1		4	2	6	3	7	1	1	1	52	17	69
50 - 54	6	1	4	3	5	2	4	1	8	1	3	3	1	1	3			2			8	2	2		44	16	60
55 - 59	4	2	1		9	1	3	5	2	2	6	1	3		4		5	3	3		2	3	3	3	45	20	65
60 - 64	2	4	4		3	2	2	1	4	2	5	3	2	1	2		4		2		3	1	5	4	38	18	56
65 - 69	7		3		3	1	1		3		3	1	3		3	1	1	1	4		1		4	2	36	6	42
70 - 74	1	2	2	1	1	3		2		3	2	1	4			1	2		2	1		2	5	1	19	17	36
75 - 79	2		1		1		1		1	1	1	1	1		3			1	2	1	2		2		17	4	21
80 - over	3	4		1	1	1		3	1		1	2		1	2	1	2	1	2	1	1	2	3	2	16	19	35
TOTAL	39	26	20	11	43	20	29	24	36	15	34	21	29	10	23	9	32	13	28	15	32	14	38	21	383	199	582

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													3	3	6	
Neoplasms													1		3			1				1	1	1	3	2	4	1	1			1	2		2	2	15	11	26		
Allergic, Endocrine System, Metabolic and Nutritional Diseases												3			2		1						1															4	3	7	
Diseases of the Blood and Blood-forming Organs															1													1										1	1	2	
Mental, Psychoneurotic and Personality Disorders **															1						1			2	1			1										4	2	6	
Diseases of the Nervous System and Sense Organs		1		1									1	1			1		1				1							1					1			5	4	9	
Diseases of the Circulatory System		2	2				1	1		1	3	1	8	4	10	5	17	10	22	6	41	15	36	11	35	16	32	15	27	4	17	15	11	4	11	16	273	126	399		
Diseases of the Respiratory System	2	2		1	1		1						1		1	1				3		1		1			1	2		2		3		1			19	5	24		
Diseases of the Digestive System													1	1	2	1	3	2	6	3	3	1	4	1	2		2		4			1					28	9	37		
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																																								0	
Congenital Malformations		1									1		1														1											1		5	5
Certain Diseases of Early Infancy		1																																					1	1	
Symptoms, Senility and Ill- defined Conditions ***	18	18							1			2	1	1	1	1	1	1	1	2	3			1	2	1												28	28	56	
TOTAL	21	25	2	3	2		2	1	1	1	3	4	16	8	15	15	23	14	31	11	52	17	44	16	45	20	38	18	36	6	19	17	17	4	16	19	383	199	582		

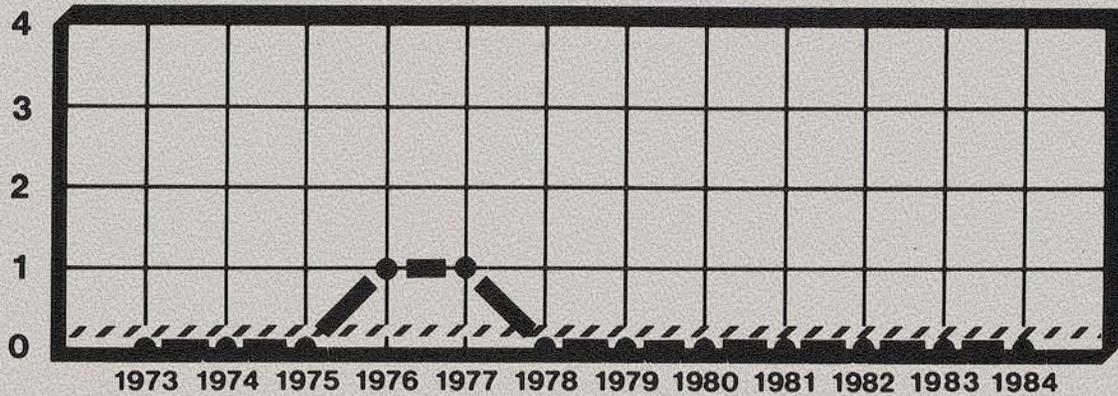
* International Classification of Diseases by World Health Organization: Ninth Revision.

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

*** Sudden Unexpected Infant Deaths Totaled 36.

ABORTIONS

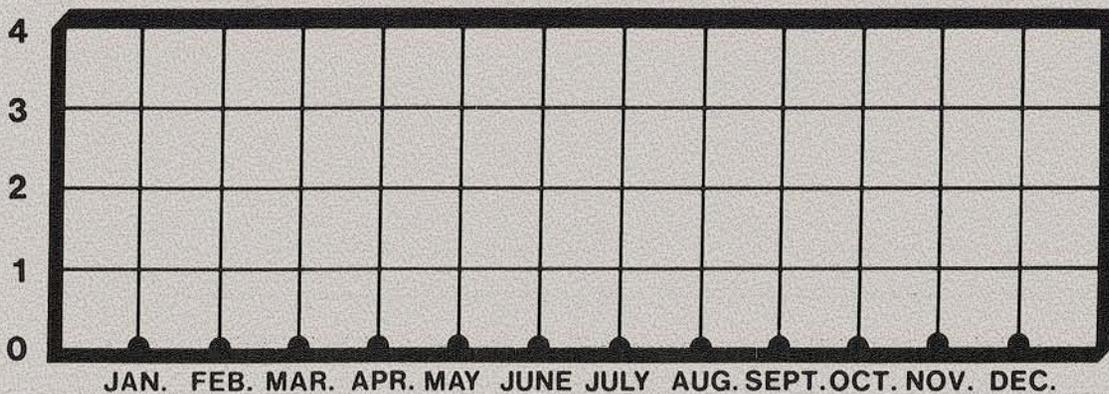
FOR A PERIOD OF TWELVE YEARS



0.2 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

BY MONTH FOR THE YEAR 1984



0.0 AVERAGE

1984
TOTAL CASES
0

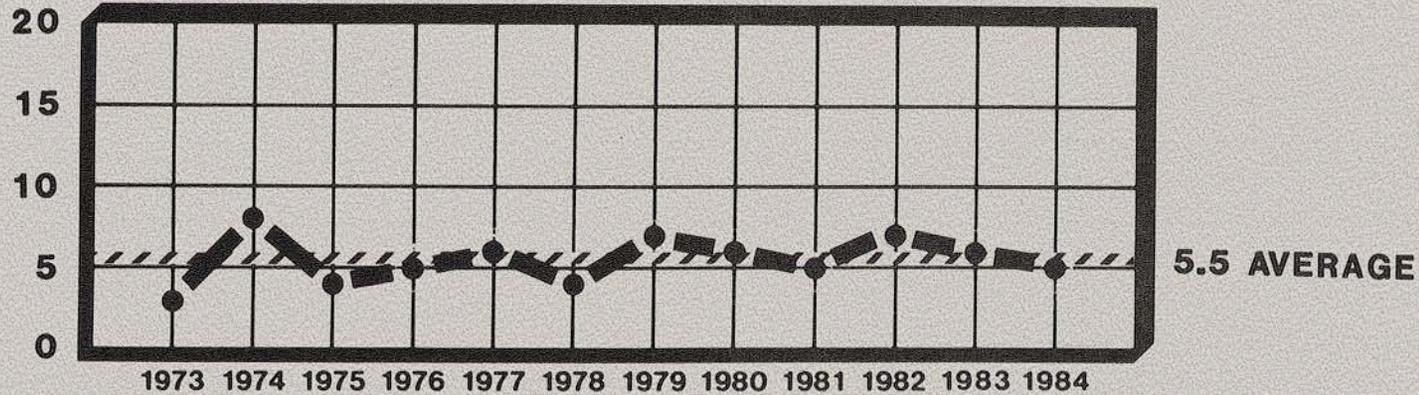
ABORTION FATALITIES

TABLE 87

**NO FATALITIES
RECORDED IN THIS CATEGORY IN 1984**

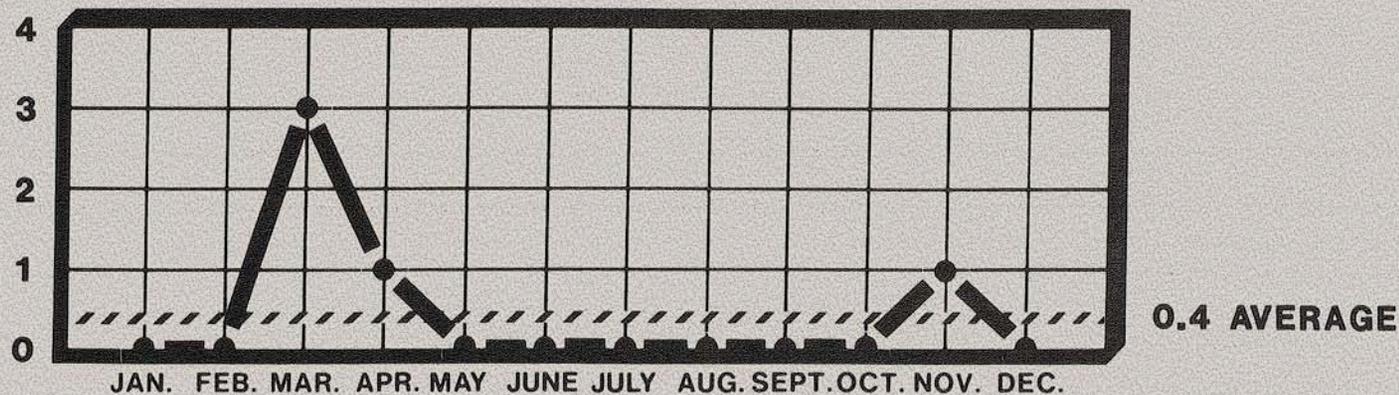
NEONATAL AND INTRA-UTERINE DEATHS

FOR A PERIOD OF TWELVE YEARS



		NUMBER	PERCENT
SEX	MALE	1	20
	FEMALE	4	80
RACE	WHITE	3	60
	NON-WHITE	2	40
ALCOHOL	TESTED	0	0
	POSITIVE	0	0
AUTOPSY	AUTOPSIED	3	60

BY MONTH FOR THE YEAR 1984



1984
TOTAL CASES
5

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						2						1							3
APRIL												1							1
MAY																			
JUNE																			
JULY																			
AUGUST																			
SEPTEMBER																			
OCTOBER																			
NOVEMBER						1													1
DECEMBER																			
TOTAL						1	2					2							1 4

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

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

GROUP I - Less than 20 completed weeks of gestation.

GROUP III - 28 completed weeks of gestation and over.

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

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

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						1							1						2
APRIL													1						1
MAY																			
JUNE																			
JULY																			
AUGUST																			
SEPTEMBER																			
OCTOBER																			
NOVEMBER																			
DECEMBER																			
TOTAL						1							2						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.

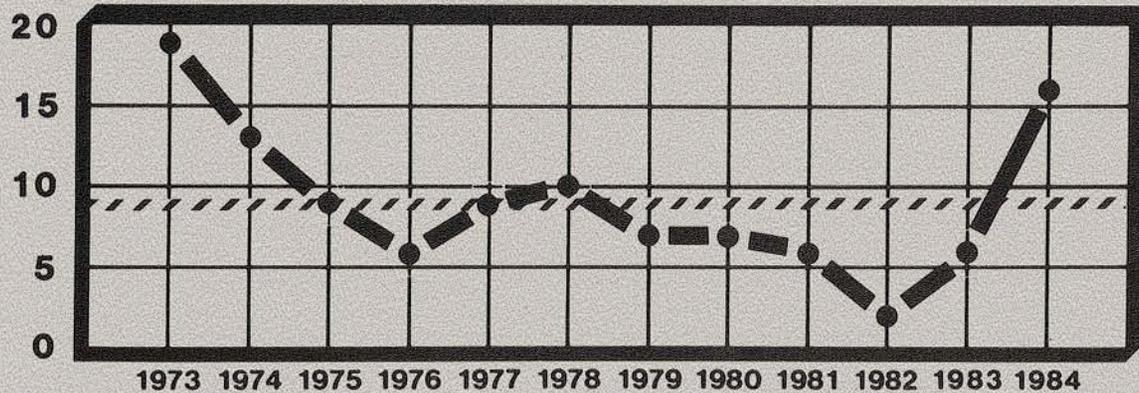
GROUP II - 20 completed weeks of gestation but less than 28.

GROUP III - 28 completed weeks of gestation and over.

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

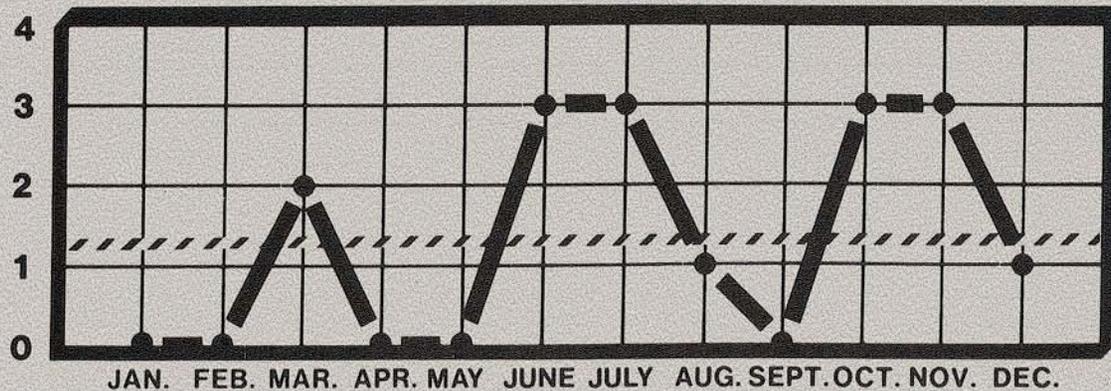
UNDETERMINED CAUSES

FOR A PERIOD OF TWELVE YEARS



9.2 AVERAGE

BY MONTH FOR THE YEAR 1984



1.3 AVERAGE

		NUMBER	PERCENT
SEX	MALE	10	63
	FEMALE	6	37
RACE	WHITE	10	63
	NON-WHITE	6	37
ALCOHOL	TESTED	11	69
	POSITIVE	4	36
AUTOPSY	AUTOPSIED	16	100

1984 TOTAL CASES 16

DEATHS FROM UNDETERMINED CAUSES

TABLE 90

COLOR	SEX	AGE	MARITAL STATUS	DATE OF DEATH	OCCUPATION	WHERE DEATH OCCURRED	CASE NUMBER
White	Male	17	Single	3-12-84	Student	Cleveland	189384
Black	Male	38	Divorced	3-15-84	Painter	Cleveland	189404
White	Male	56	Single	6-16-84	Laborer	Cleveland	190197
White	Female	20	Single	6-17-84	Unemployed	Broadview Heights	190205
White	Male	61	Single	6-25-84	Maintenance Man	Cleveland	190281
White	Female	26-28	Unknown	7-3-84	Unknown	Cleveland	190332
White	Male	43	Divorced	7-28-84	Machinist	Cleveland	190537
White	Female	10	Single	7-29-84	Student	Solon	190549
Black	Male	39	Divorced	8-10-84	Laborer	Cleveland	190621
White	Female	46	Single	10-11-84	Secretary	Mayfield Heights	191075
Black	Male	21	Single	10-24-84	Laborer	Euclid	191175
Black	Female	44	Single	10-29-84	Housewife	Cleveland	191208
Black	Male	64	Married	11-5-84	Laborer	Cleveland	191264
White	Male	45	Single	11-7-84	Truck Driver	Cleveland	191276
White	Male	41	Single	11-16-84	Disabled	Cleveland	191340
Black	Female	21	Single	12-11-84	Model	Cleveland	191544

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

Advanced postmortem decomposition in 10 cases.

Toxicology examination and alcohol determination conducted on 11 cases.

Alcohol determination resulted in 4 positive cases and 7 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	1579 (54.0%)	119 (94.4%)
NON-POSTED	1343 (46.0%)	2 (1.6%)
NO SAMPLES *	676 (23.1%)	5 (4.0%)
TOTAL	2922 (100%)	126 (100%)

* No specimen submitted for toxicological analysis.

OUTSIDE REFERRING AGENCIES

SOURCE	NUMBER
HOSPITALS *	866 (72.9%)
OTHER CORONERS' JURISDICTION	103 (8.7%)
POLICE	219 (18.4%)
TOTAL	1188 (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		ALL CASES	
	INCIDENCE	%	INCIDENCE	%	INCIDENCE	%
Acetaminophen	160	5.5	17	13.5	88	9.1
Amantidine ³	1	0.03	1	0.8		
Barbiturates (total)	(47)	1.6	(14)	11.1	(54)	6.1
Amobarbital	2	0.07			3	0.3
Butabarbital					1	0.1
Butalbital	5	0.2	2	1.6	9	0.9
Pentobarbital	4	0.1	2	1.6		
Phenobarbital	31	1.1	6	4.7	30	3.1
Secobarbital	5	0.2	4	3.2	3	0.3
Screening test					8	0.8
Benzodiazepines (total)	(172)	5.9	(46)	36.5	(209)	21.6
Alprazolam ³	1	0.03	1	0.8		
Chlor diazepoxide	7	0.2	1	0.8	6	0.7
Diazepam	64	2.2	18	14.3	66	6.8
n-desmethylchlor diazepoxide	6	0.2	2	1.6	7	0.7
n-desmethyldiazepam	64	2.2	15	11.9	65	6.7
Demoxepam	4	0.1	1	0.8	4	0.4
n-desalkylflurazepam	12	0.4	2	1.6	9	0.9
Flurazepam	6	0.2	3	2.4	5	0.5
Oxazepam	8	0.3	3	2.4	6	0.6
Temazepam ³					1	0.1
Screening test					40	4.1
Brompheniramine	6	0.2			3	0.3
Caffeine ³	7	0.2	2	1.6	5	0.5
Carbon Monoxide ³	59	2.0	53	42.1	5	0.5
Carbamazepine ³	6	0.2			3	0.3
Chlorpheniramine	11	0.4	4	3.2	8	0.8
Chlorpropamide	12	0.4	1	0.8	6	0.6
Chlorhydrate ³	1	0.03	1	0.8		
Cimetidine	2	0.07				
Cocaine	14	0.5	4	3.2	6	0.6
Cocaine Metabolite	16	0.5	5	4.0	7	0.7

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		ALL CASES	
	INCIDENCE	%	INCIDENCE	%	INCIDENCE	%
Phenothiazines (total)	(38)	1.3	(9)	7.1	(29)	3.0
Chlorpromazine	5	0.2	2	1.6	5	0.5
Thioridazine	8	0.3	3	2.4	3	0.3
Others	25	0.8	4	3.2	21	2.2
Phenyltoloxamine					1	0.1
Phenytoin	25	0.8	1	0.8	14	1.4
Placidyl	2	0.07	1	0.8	5	0.5
Propoxyphene	28	1.0	9	7.1	12	1.2
Propranolol	5	0.2	2	1.6	2	0.2
Primadone ³	1	0.03				
Quinidine	19	0.6	1	0.8	2	0.2
Quinine	11	0.4	2	1.6	5	0.5
Tricyclic Antidepressants (total)	(64)	2.2	(27)	21.4	(65)	6.7
Amitriptyline	18	0.6	7	5.6	11	1.1
Amoxapine	3	0.1	2	1.6	12	1.2
Desipramine	5	0.2	2	1.6	7	0.7
Doxepin	9	0.3	4	3.2	9	0.9
Imipramine	2	0.07	1	0.8	5	0.5
Loxapine	1	0.03				
Nordoxepin	8	0.3	3	2.4	9	0.9
Nortriptyline	18	0.6	8	6.3	12	1.2
Salicylate	112	3.8	15	11.9	60	6.2

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		ALL CASES	
	INCIDENCE	%	INCIDENCE	%	INCIDENCE	%
Cogentin	1	0.03			2	0.2
Corrosives ³	2	0.07	2	1.6		
Cyclobenzaprine					1	0.1
Dextromethorphan	6	0.2	2	1.6	3	0.3
Diphenhydramine	24	0.8	5	4.0	26	2.7
Disopyramide ³	2	0.07			1	0.1
Doxylamine	10	0.3	2	1.6	3	0.3
Ethylene Glycol/Propylene Glycol ³					4	0.4
Glutethimide	1	0.03	1	0.8	1	0.1
Hydrochlorithiazide ³	1	0.03	1	0.8		
Hydroxyzine ³	3	0.1				
Ketamine	3	0.1				
Lidocaine	178	6.1	4	3.2	23	2.4
Meperidine	23	0.8	6	4.8	20	2.1
Meprobamate	2	0.07				
Methadone	12	0.4	4	3.2	12	1.2
Methadone Metabolite	11	0.4	3	2.4	7	0.7
Methapyrilene	1	0.03	1	0.8		
Normeperidine	17	0.6	6	4.8	21	2.2
Norpropoxyphene	34	1.2	10	7.9	21	2.2
Opiates (total)	(66)	2.2	(15)	11.9	(40)	4.1
Codeine	42	1.4	9	7.1	22	2.3
Hydrocodone					1	0.1
Hydromorphone					3	0.3
Morphine	22	0.8	6	4.8	14	1.4
Oxycodone	2	0.07				
Orphenadrine	1	0.03				
Pentazocine	1	0.03			2	0.2
Phencyclidine	3	0.1			9	0.9

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		ALL CASES	
	INCIDENCE	%	INCIDENCE	%	INCIDENCE	%
Sympathomimetics (total)	(38)	1.3	(3)	2.4	(35)	3.6
Amphetamine	3	0.1				
Mephentermine ³	2	0.07				
Methamphetamine	2	0.07			1	0.1
Ephedrine	8	0.3	1	0.8	7	0.7
Phenmetrazine					2	0.2
Phentermine	3	0.1			2	0.2
Phenylpropanolamine	20	0.7	2	1.6	23	2.4
Valproic Acid ³	1	0.03				
Theophylline ³	9	0.3			1	0.1
Tripeleennamine	5	0.2	1	0.8	2	0.2
Volatiles (total)	(480)	16.4	(50)	39.7	(235)	24.2
Isopropanol/Acetone	26	0.9	2	1.6	39	4.0
Methanol	1	0.03			7	0.7
Ethanol	453	15.5	48	38.1	189	19.5
Toluene ³	1	0.03				
Totals	1755		358		1058	

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 219 police arrests, 206 of which were positive for ethanol.
 3. Evaluation for this agent only carried out by special request.
- * Completely evaluated - as defined by items 2 through 10 on Table 92.

TOXICOLOGY LABORATORY REPORT

INCIDENCE OF ANALYTES IN POSITIVE CASES *

TABLE 91B

CUYAHOGA COUNTY CORONER'S LABORATORY CASES		OUTSIDE REFERRING AGENCIES	
ALL CASES (%)	FATAL POISONINGS (%)	ALL CASES (%)	
Ethanol 15.5	Carbon Monoxide 42.1	Benzodiazepines 21.6	
Lidocaine 6.1	Ethanol 38.1	Ethanol 19.5	
Benzodiazepines 5.9	Benzodiazepines 36.5	Acetaminophen 9.1	
Acetaminophen 5.5	Tricyclics 21.4	Tricyclics 6.7	
Salicylate 3.8	Propoxyphene/ Norpropoxyphene 15.0	Salicylates 6.2	
Opiates 2.2	Acetaminophen 13.5	Barbiturates 6.1	
Tricyclics 2.15	Salicylates 11.9	Meperidine/ Normeperidine 4.3	
	Opiates 11.9		
Propoxyphene/ Norpropoxyphene 2.1	Barbiturates 11.1	Opiates 4.1	
Carbon Monoxide 2.0	Meperidine/ Normeperidine 9.6	Sympathomimetics 3.6	
Barbiturates 1.6	Cocaine/ Cocaine Metabolite 7.2	Propoxyphene/ Norpropoxyphene 3.4	
	Phenothiazines 7.1		

* A "Positive Case" is one wherein an exogenous chemical substance was detected-from Table 91A.

TOXICOLOGY LABORATORY REPORT

NUMBER OF TESTS PERFORMED

TABLE 92

DRUG GROUP	TOTAL STD ¹²	TOTAL QC ¹³	CUYAHOGA COUNTY CORONER'S LABORATORY CASES TESTS ¹⁴	OUTSIDE REFERRING AGENCIES TESTS ¹⁴	TOTALS
Antiepileptic drugs ¹	244	124	320	44	732
Barbiturates ²	2,547	1,475	18,594	8,988	31,604
Benzodiazepines ³	1,762	1,178	12,096	5,024	20,060
Carbon monoxide		191	231	58	480
Spot tests ⁴		4,362	7,528	5,296	17,186
Cocaine metabolite ⁵	180		376	345	901
Neutral drugs ⁶	2,865	3,090	18,582	7,200	31,737
Opiates ⁷	591	150	7,020	2,780	10,541
Organic bases ⁸	13,856	7,677	108,156	67,648	197,337
Phencyclidine	561	793	2,715	1,947	6,016
Salicylate	274	454	2,687	1,329	4,744
Sympathomimetics ⁹	1,517	305	11,712	5,144	18,678
Volatiles ¹⁰	6,578	1,472	21,532	10,800	40,382
Xanthenes ¹¹	1,266	882	2,400	507	5,055
TOTAL	32,241	22,153	213,949	117,110	385,453

TOXICOLOGY LABORATORY REPORT

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, Imipramine and Phenothiazines.
- 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, Orphenadrine, Pentazocine, Phencyclidine, Phenyltoloxamine, Pheniramine, Promethazine, Propoxyphene, Protriptyline, Pylamine, Propranolol, Quinine, Quinidine, Trimpramine and Tripeleminamine.
- 9) Amphetamine, Methamphetamine, Ephedrine, 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	12	8	39
College of American Pathologists (CAP)	Advanced Toxicology Survey	4	14	6	53
College of American Pathologists (CAP)	Urine Toxicology Survey	4		12	50
California Association of Toxicologists	General Toxicology Survey	2	4	2	15
Department of Transportation (Federal)	Alcohol	2	8		8
Italian Istituto di Medicina Legale dell'Universita di Padova	Drugs of Abuse	3		18	49
Ohio Department of Health	Alcohol	2	16		14
Pennsylvania Department of Health	Drugs of Abuse	4		16	59
Wisconsin State Laboratory of Hygiene	Alcohol	11	19	6	25
TOTAL		40	73	68	312

In 1984 the Cuyahoga County Coroner's Office Toxicology Laboratory participated in 40 proficiency surveys. The performance of the laboratory was rated satisfactory by the agencies conducting the surveys.

TOXICOLOGY LABORATORY REPORT

SUBSTANCES INVOLVED IN FATAL POISONINGS *

TABLE 93

SUBSTANCES	ACCIDENT	SUICIDE	TOTAL
<u>Single Chemical Agent:</u>			
Acetaminophen		2	2
Amantadine	1		1
Amitriptyline	2	1	3
Chlorpromazine	1		1
Cocaine	4		4
Digitalis	1		1
Doxepin		1	1
Hydrocarbon (liquid) "white gasoline"	1		1
Meprobamate		1	1
Methadone	1		1
Morphine "intravenous opiate narcotism"	1		1
Unknown narcotic "chronic intravenous narcotism"	1		1
Opiate	1		1
Pentobarbital	1		1
Phenobarbital		1	1
Potassium	1		1
Propoxyphene	2		2
Propranol		2	2
Salicylate		2	2
Secobarbital	1	2	3
Sulfuric acid		2	2
Thioridazine	1		1
Undetermined		2	2
TOTAL	20	16	36
<u>Combined Effects of Ethanol and:</u>			
Amitriptyline	1		1
Diazepam	2		2
Doxepin		1	1
Meperidine	1		1

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TOXICOLOGY LABORATORY REPORT

SUBSTANCES INVOLVED IN FATAL POISONINGS*

TABLE 93 cont.

SUBSTANCES	ACCIDENT	SUICIDE	TOTAL
<u>Combined Effects of Ethanol and:</u> (continued)			
Isopropanol	1		1
Phenobarbital	1		1
Pentobarbital	1		1
Propoxyphene	1	1	2
Secobarbital	1		1
Elavil and doxepin	1		1
Morphine and codeine	1		1
Diazepam, diphenhydramine and doxepin		1	1
Diazepam, meperidine and tripeleennamine	1		1
Diazepam, morphine and codeine	1		1
Codeine, morphine, chlordiazepoxide and acetaminophen	1		1
Diazepam, meperidine, chlorpheniramine and propoxyphene	1		1
Meperidine, propoxyphene, diazepam and acetaminophen	1		1
TOTAL	16	3	19
<u>Combined Effects of Two Chemical Agents:</u>			
Butalbital and salicylate	1		1
Chloral hydrate and phenothiazine		1	1
Meperidine and diazepam	1		1
TOTAL	2	1	3
<u>Combined Effects of Three Chemical Agents:</u>			
Acetaminophen, caffeine and salicylate		1	1
Acetaminophen, propoxyphene and phenobarbital		1	1
Acetaminophen, propoxyphene and salicylate		1	1
Amoxipine, chlorpromazine and diphenhydramine		1	1
Codeine, diazepam and glutethimide	1		1
Codeine, diazepam and methadone	1		1
Codeine, fiorinal and amitriptyline	1		1
Codeine, nortriptyline and acetaminophen	1		1
Codeine, thioridazine and acetaminophen	1		1
Flurazepam, salicylate and thioridazine		1	1
TOTAL	5	5	10
GRAND TOTAL	43	25	68

* Excluding 58 carbon monoxides.

TOXICOLOGY LABORATORY REPORT

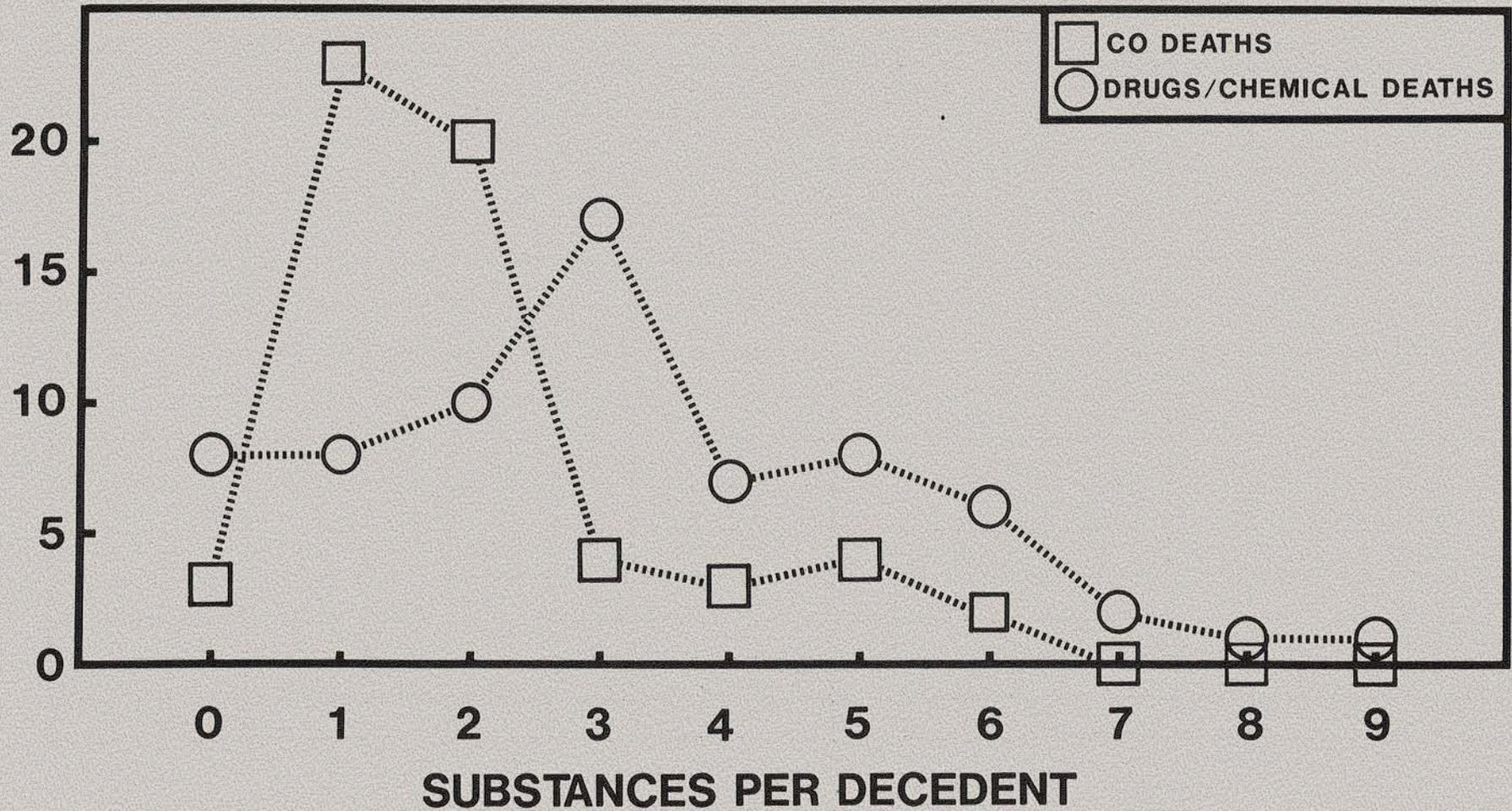
CARBON MONOXIDE FATALITIES

TABLE 93A

SUBSTANCE	ACCIDENTAL			SUICIDE		TOTAL
	SMOKE	AUTO EXHAUST	NATURAL GAS	AUTO EXHAUST	SMOKE	
Carbon Monoxide	13	1	1	9		24
Carbon Monoxide and Ethanol	2	10		4	1	17
Carbon Monoxide, Ethanol and Other Medications						
Acetaminophen				1		1
Amoxepin and Alprazolam				1		1
Diphenhydramine				1		1
Doxylamine, Acetaminophen, Ephedrine and Dextromethorphan				1		1
Doxylamine, Phenylpropanolamine and Acetaminophen		1				1
Imipramine and Desipramine				1		1
Quinidine				1		1
Quinine, Methapyrilene and Chlorpheniramine		1				1
Salicylate, Placidyl and Quinine				1		1
Carbon Monoxide and Other Medications						
Acetaminophen	1			1		2
Desmethyldiazepam, Diazepam, Codeine, Meperidine and Normeperidine				1		1
Methadone, Methadone Metabolite and Cocaine Metabolite				1		1
Penobarbital and Desipramine				1		1
Phenothiazines	1			1		2
Salicylate, Amtriptyline, Nortriptyline, Propoxyphene and Norpropoxyphene			1			1
TOTAL	17	13	2	25	1	58

TOXICOLOGY LABORATORY REPORT

INCIDENCE OF MULTIPLE DRUG INGESTIONS
(FINDINGS FROM 126 POISONING FATALITIES)



TOXICOLOGY LABORATORY REPORT

POISONING FATALITIES 1973 - 1984

TABLE 93B

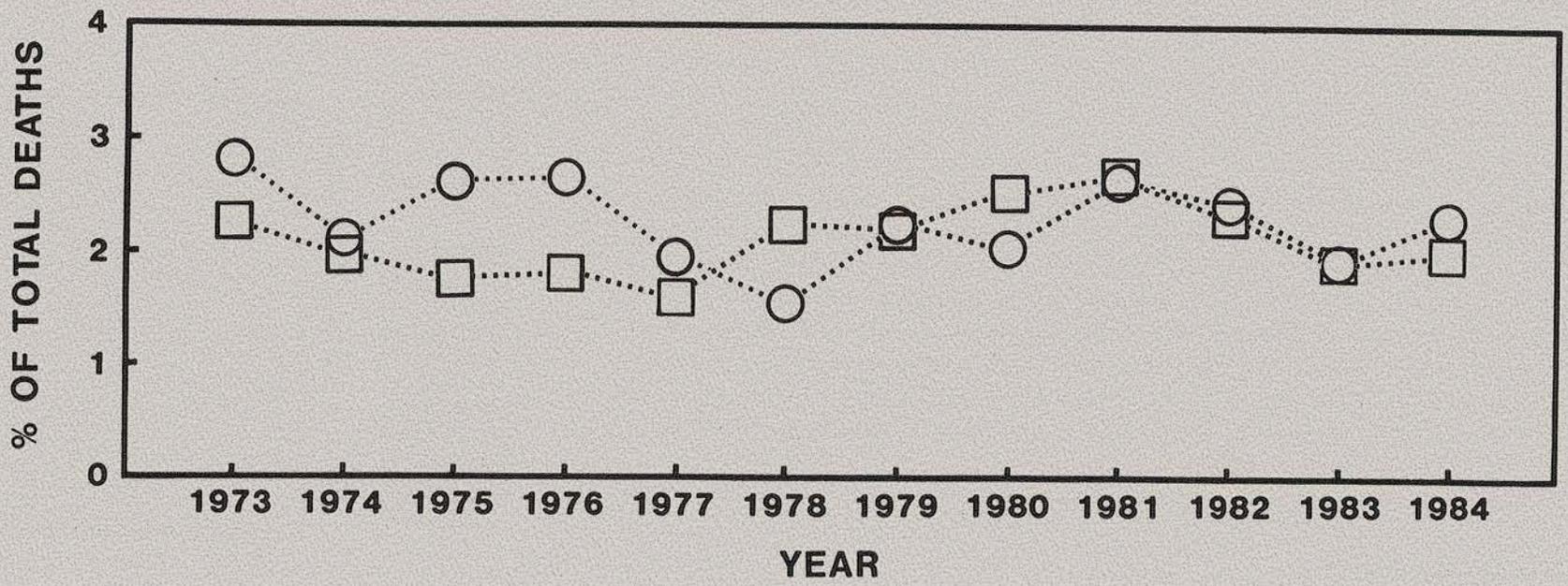
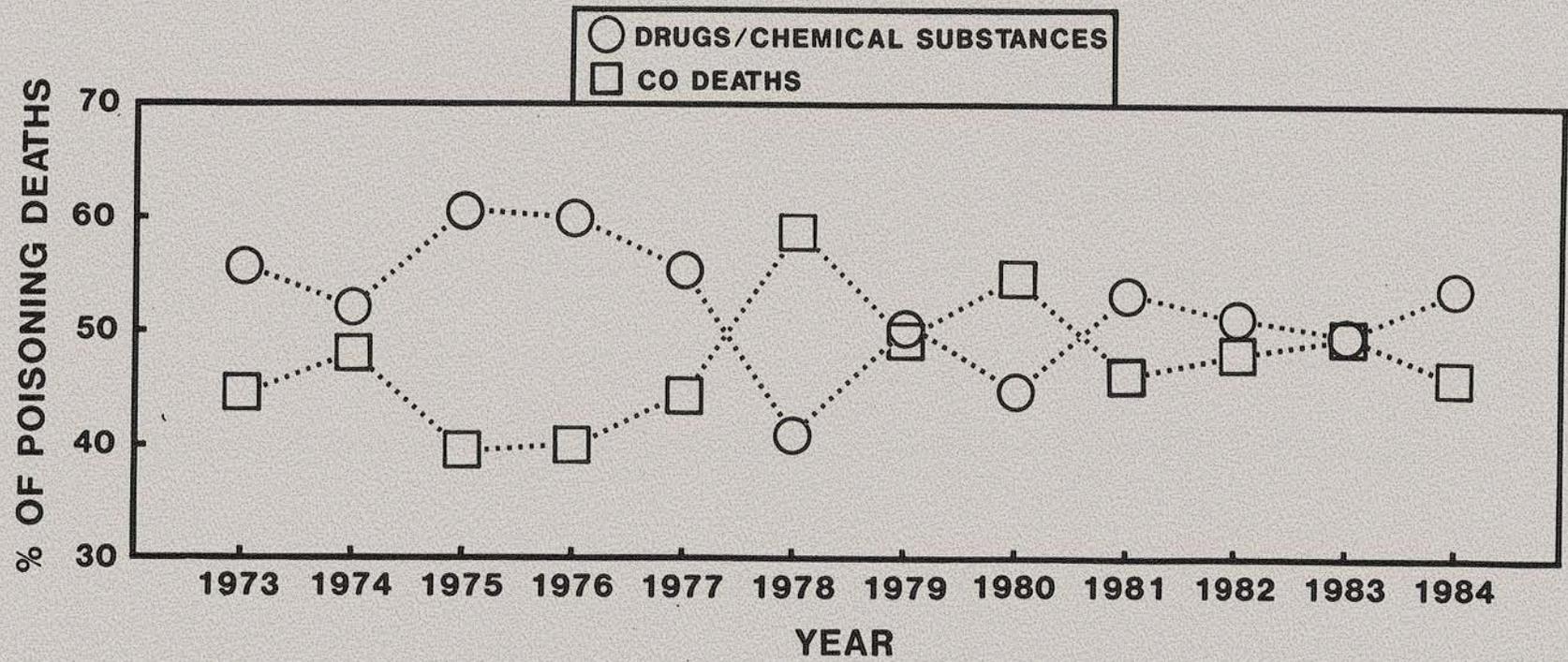
YEAR	ACCIDENTS						HOMICIDE		SUICIDE		MANNER UNDETERMINED		TOTAL	
	HOME		WORK		OTHER PLACES		CO	OTHERS	CO	OTHERS	CO	OTHER	CO	OTHERS
	CO	OTHERS	CO	OTHERS	CO	OTHERS								
1973	54	48			8	11			35	59	1	4	98	122
1974	44	43			1	5			36	39	2	2	83	89
1975	38	55			4	18	1	1	24	27	2	3	69	104
1976	24	46			2	11	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
1984	24	37	1		4	4			26	25	3	2	58	68
TOTAL	418	417	3	1	36	98	24	4	402	445	18	37	901	1002
TOTALS	835		4		134		28		847		55		1903	

CO is Carbon Monoxide.

OTHERS is Drugs and Chemical Substances other than Carbon Monoxide.

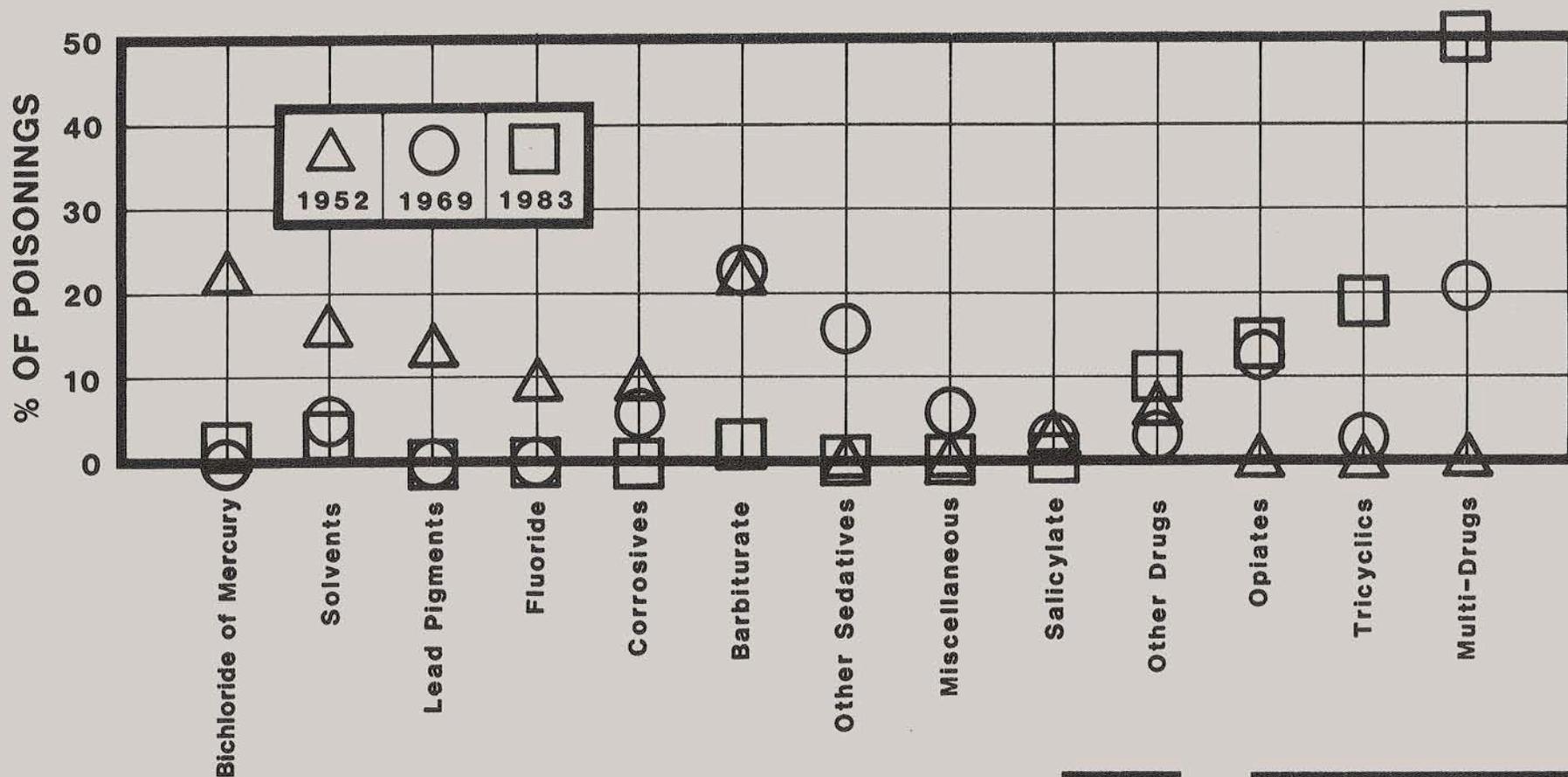
TOXICOLOGY LABORATORY REPORT

TRENDS IN FATAL POISONINGS



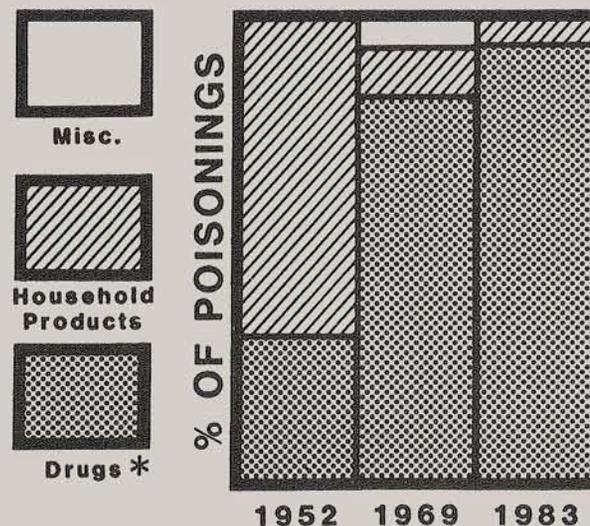
TOXICOLOGY LABORATORY REPORT

TRENDS IN FATAL POISONINGS*



Drug and chemical substances involved in poisoning change with time. In the fifties, household products, (fluoride, mercury bichloride, solvents, corrosives and lead pigments) were the primary offenders. By the sixties, these substances were replaced by less toxic products which were rarely implicated in poisonings. In the fifties, the usual therapeutic agents involved in poisonings were sedatives, (i.e., barbiturates). Their use increased in the late sixties but since then has been decreasing significantly. Today, other therapeutic agents and combinations thereof, primarily involving the tricyclic antidepressants, the opiates and other analgesics, are the principal toxic agents in fatal drug related poisonings. These drugs were seldom involved in the fifties and were infrequently encountered in the late sixties.

The items involved in poisonings reflect those in common in the community at a particular time.



* Excluding Carbon Monoxide

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	805	(87)	(49)	9	814
SPECIMENS SUBMITTED	2176	518	(17)	74	2768
EXAMINATIONS	3728	3224	(226)	228	7180

* The 805 Coroner's Cases requiring Trace Evidence Examinations represents 27.55% of the total Cuyahoga County Coroner's Cases for 1984.

** Other Sources: Specimens from investigations submitted by Police and Sheriff's Departments or collected by Trace Evidence Personnel.
Figures in parenthesis () are included in previous column.

Time away from office for court appearances: 154 hours and 54 minutes.

Actual time spent testifying at court: 26 hours and 45 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	127	(9)	7	1	135
Stains	9	(1)		4	13
Electrophoretic determination	158	(6)	6	2	166
MICROSCOPIC EXAMINATION FOR SPERMATOOA					
Specimens from bodies	132	(9)		3	135
Stains	8				8
BLOOD DETECTION					
Presumptive Tests	39	(14)	1019	127	1185
BLOOD GROUP DETERMINATION					
Fluid Blood	805	(43)	47	8	860
Stains	21	(4)	224	23	268
PRECIPITIN TESTS					
Species Identification	32	(4)	183	20	235
ELECTROPHORESIS	390	(10)	264	15	669
CLOTHING DESCRIPTIONS					
Descriptions	109	(1)			109
Inspections	162	(13)	301		162
Stereomicroscopic Examinations	74				375
GUNFIRE RESIDUE DETECTION TESTS					
Clothing and Related Items	170	(5)	27		197
Targets	10	(7)	42		52

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	273	(8)	13		286
Gunshot Residue (Harrison-Gilroy Test)	252	(8)	1		253
MICROSCOPIC EXAMINATIONS					
Fingernail Scrapings	8	(1)			8
Gastric Contents	20				20
Hair	180	(70)	298	3	481
Fibers	6		42		48
Paint	10		19		29
Glass	24		38		62
STEREOMICROSCOPIC EXAMINATIONS					
Powder grains	111	(3)			111
Miscellaneous	242	(1)	378		628
PHYSICAL MATCH	14		2		16
HISTOLOGIC STUDIES	17		7		24
IDENTIFICATION PROCEDURES	4				4
LIGATURES	47				47
ITEMS INSPECTED-no relevant findings	274	(9)	306	22	602
TOTAL	3728	(226)	3224	228	7180

HISTOLOGY LABORATORY

TABLE 95

	CUYAHOGA COUNTY CORONER'S OFFICE	OTHER SOURCES	TOTAL
<u>TISSUE SPECIMENS RECEIVED FROM:</u>			
AUTOPSIES	1,457	73	1,530
BIOPSIES, ETC.	6		6
TOTAL	1,463	73	1,536
SECTIONS PREPARED	30,633	1,519	32,152
BLOCKS PREPARED	10,163	834	10,997
TOTAL	40,796	2,353	43,149
<u>SLIDES PREPARED AND STAINED:</u>			
ROUTINE HEMATOXYLIN - EOSIN	18,026	861	18,887
RESEARCH HEMATOXYLIN - EOSIN	59	2	61
UNSTAINED SLIDES	117	4	121
TEACHING SLIDES	17		17
SMEARS	232	33	265
<u>SPECIAL STAINS FOR DEMONSTRATION OF:</u>			
ACID FAST BACTERIA	13	1	14
AMYLOID	8		8
E.V.G.	3		3
IRON	17		17
MYELIN	21		21
FUNGUS	11	3	14
P.A.S.	8		8
FAT	4		4
JONES	2		2
TRICHROME	9		9
TOTAL	18,547	904	19,451

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

IDENTIFICATION PICTURES	3,095*
PICTURES OF BODIES AND EVIDENCE	17,615
5" x 7" COLOR PRINTS PRODUCED	14,128
COLOR SLIDES ADDED TO THE FILE	1,090
BLACK AND WHITE PRINTS	269
POLAROID PRINTS	75

* Includes 73 Out of the County Cases

FORENSIC ODONTOLOGY REPORT

EXAMINATIONS	CUYAHOGA COUNTY CORONER'S CASES	OTHER CORONER'S CASES	TOTAL
Number of cases examined	22	6	28
Dental charting	20	6	26
Intra-oral x-rays	20	6	26
Comparison with antemortem dental records	15	5	20
Extractions for histology and age estimations	6	2	8
Bite mark analysis	1	0	0
Full denture analysis or edentulous	2	0	2
Single tooth analysis	0	0	0

RADIOLOGY

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

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

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

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

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

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

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

Three hundred and thirty six radiographs were made in 1984.

ANTHROPOLOGY REPORT

NUMBER OF CASES	7
POSITIVE IDENTIFICATION	4
PENDING IDENTIFICATION	3
FACIAL RECONSTRUCTION	1

PUBLICATIONS BY MEMBERS AND ASSOCIATES OF THE STAFF

1. Adelson, L., "Bullet Embolism with Radiologic Documentation, A Case Report." *Am. J. For. Med. Path.* 5:253-256, Sept. 1984.
2. Balraj, E.K., "Atherosclerotic Coronary Artery Disease and "Low" Levels of Carboxyhemoglobin: Report of Fatalities and Discussion of Pathophysiologic Mechanisms of Death." *J. of Forensic Sciences*, 29:4, 1150-1159, Oct. 1984.
3. Hepler, B.R., Sutheimer, C.A., Sebrosky, G. and Sunshine, I., "Combined Enzyme Immunoassay - LCEC Method for the Identification, Confirmation and Quantitation of Opiates in Biological Fluids." *J. Anal. Tox.* 8, 78-90, 1984.
4. Hepler, B.R., Weber, J.R., Sutheimer, C.A. and Sunshine, I., "Homogenous Enzyme Immunoassay of Acetaminophen in Serum." *Am. J. Clin. Path.*, 81, 1984.
5. Imago, T. and Roessman, U., "Diffuse Axonal Injury." *The Amer. J. For. Med. and Path.* 5:3, Sept. 1984.
6. Lovejoy, C.O., "Identification Via Pedal Morphology." *The Police Chief*, 51:4, 52 - 54, April, 1984.
7. Sunshine, I., "Clinical Toxicology - Growth and Development." *Am. Assoc. for Clin. Chem.*, tdm - 2(8), 1 - 8, 1984.
8. Lovejoy, C. Owen, "The Natural Detective." *Natural History*, Vol. 93, No. 10, 24-28, October, 1984.

LECTURES GIVEN BY THE STAFF

Lester Adelson, M.D., Chief Deputy Coroner

January:

WCLV 95.5 FM, "Healthlines," Academy of Medicine, Cleveland.
Discussion of "Cleveland Bar Association, Task Force on Violent Crime." (March Broadcast)

Cuyahoga Community College, Paramedic Supervision Course, "Emergency Medical Personnel and the Coroner's Office."

February:

Cleveland Clinic Administrative Staff, "You and the Coroner's Office-Death Certification."

Case Western Reserve University, Sigma Xi. "The Many Masks of Murder."

OSC Jr. Class Undergraduate, Criminal Justice, "Role of the Coroner's Office in Homicide Investigation and Prosecution."

March:

Cuyahoga County Coroner's Office, Forensic Odontology Training Seminar, Dental Evidence in a Mass Disaster, "Workings of Our Office."

University Hospital, Emergency Service Nursing Conference, "The Coroner's Office and the Hospital Emergency Room."

Cleveland Metropolitan General Hospital, Clinical and Pathology Personnel, "The Hospital Physician and the Coroner's Office."

Cuyahoga County Coroner's Office, Sheriff's Deputies, "The Coroner's Office and Law Enforcement Personnel."

April:

Allen Memorial Library, Library School, "The Coroner's Office as a Public Health Agency."

May:

North Royalton Police Department: Basic Police School.

Legal Medicine and Medical Jurisprudence, Second Year Medical Students, Case Western Reserve University, "The Physician Takes the Witness Stand."

LECTURES GIVEN BY THE STAFF

Lester Adelson, M.D. (continued)

- June: Rainbow Babies and Childrens Hospital, The Infant Apnea/SIDS Management Conference, "A Forensic Pathologist Looks at Sudden and Unexpected Death in Infancy and Childhood...A Personal Statement."
- July: Case Western Reserve University Center for Criminal Justice, Homicide Investigation Course, "Death From Cutting and Stabbing."
Case Western Reserve University, First Year Residents, Institute of Pathology, "Forensic Medicine and Pathology."
Parma Hospital Health Education Center, Emergency Department Nurses Association, "The Roles and Responsibilities of the Coroner."
- August: Cleveland Metropolitan General Hospital, House Staff, "You and the Coroner's Office."
- September: Case Western Reserve University, The Law Medicine Center, "Forensic Pathology."
Phi Delta Epsilon Dinner, "The Coroner's Office and the Sanctity of Human Life."
Case Western Reserve University Center for Criminal Justice, The Law Medicine Center, Medical Jurisprudence Class, "Forensic Pathology and the Practicing Attorney."
Ohio Association of Physician Assistants, "Forensic Medicine."
- October: Dret School, Private Security Class, "The Coroner's Office and the Private Security Personnel."
University Hospital, Pathology Department, Kodachrome presentation, "The Pathology of Gunshot Injury."
- December: Preceptor Group: Phase I, Case Western Reserve School of Medicine, "We Are Mortal."
- AWARD: Recipient of Distinguished Membership Award, Cleveland Academy of Medicine, May, 1984.

LECTURES GIVEN BY THE STAFF

Elizabeth K. Balraj, M.D., Deputy Coroner

- February: 36th Annual Meeting of the American Academy of Forensic Sciences at Anaheim, California, "Atherosclerotic Coronary Artery Disease and "Low" Levels of Carboxyhemoglobin: Report of Fatalities and Discussion of Pathophysiologic Mechanisms of Death."
- March: Forensic Odontology Seminars: "Dental Evidence in a Mass Disaster - Investigation of Airplane Accident Fatalities."
- April: 40th Annual Ohio State Coroner's Association held in Willoughby, Ohio, "Forensic Autopsy."
- May: Legal Medicine and Medical Jurisprudence, Second Year Medical Students, Case Western Reserve University, "Introduction to Legal Medicine " and "Mechanical Injuries of Brain and Meninges."
- June: Case Western Reserve University Center for Criminal Justice, Homicide Investigation, "Determination of Time of Death and Postmortem Changes " and "Toxicological Aspects of Homicide Investigation."
- August: WJW AM 850 Radio, Medicine and You, "Cuyahoga County Coroner's Office."
St. John's Westshore Hospital Emergency Room Nurses, "The Cuyahoga County Coroner's Office."
- September: Emergency Room Nurses Association at Parma Hospital, "The Cuyahoga County Coroner's Office."
- October: Cuyahoga Community College, Western Campus, "Duties and Functions of the Coroner's Office."

Robert Challener, M.D., Deputy Coroner

- January: Kiwanis Club of Independence, Ohio, "Functions of the Coroner's Office."
- February: Cuyahoga Community College Paramedics, "Functions and Duties of the Coroner's Office."
- April: Case Western Reserve University Law School, "Mock Trial."

LECTURES GIVEN BY THE STAFF

Robert Challener, M.D., (continued)

- April: Basic Police Academy, "Functions of the Coroner's Office."
- May: Geauga Community Hospitals, EMTS, "Death Investigation."
- June: Case Western Reserve University Center for Criminal Justice, Homicide Investigation Seminar, "Firearm Injuries."
- October: Avon Lake Police Department, Explorers. "Functions of the Coroner's Office."
- December: Institute of Pathology and Pathology Residents, University Hospital, "Alcohol: Medicolegal Interpretation of Blood Levels."

John Blocher, Administrative Assistant - BS Degree

- January: Cleveland Heights Police Academy, "Procedures at the Cuyahoga County Coroner's Office Pertaining to the Body and Custody of Property."
- February: Cuyahoga Community College Paramedics, "Coroner's Office."
- March: Cuyahoga County Sheriff's Deputies, "History, Laws and Responsibilities of the Coroner's Office."

Cuyahoga County Coroner's Office, Forensic Odontology Seminar, "Dental Evidence in Mass Disasters."
- April: Cuyahoga Community College: Basic Police School.

Joseph A. Monzel, Property Clerk

- May: North Royalton Police and Fire Department: Basic Police School. "Procedures at the Coroner's Office Pertaining to the Bodies and Custody of Property."

Cuyahoga Community College Police Cadets: Basic Police School. "Procedures at the Coroner's Office Pertaining to the Bodies and Custody of Property."

LECTURES GIVEN BY THE STAFF

Irving Sunshine, Ph. D., Chief Toxicologist

February:

Award. Office of the Governor, State of Florida, Certificate of Appreciation, "In appreciation for most valuable and distinguished service to the State of Florida, by assisting in the formulation of drug testing proficiency standards for the implementation of Florida's 1982 legislation relating to driving under the influence of alcohol or controlled substances and in appreciation for significant contributions to the betterment of the State of Florida and its people as an example of the dedication and devotion to the common good."

April - May:

Annual meeting of the Royal Society of Chemists in Exeter, England. "Recent Developments in Analytical Toxicology."

Association of Clinical Biochemists in Newcastle, "A Simple Rapid Testing Program for Clinical Toxicologists."

Hospital Cantonal Universitaire de Geneve, "Mutually Supportive Roles of Clinical Toxicologists and Acute Care Clinicians in the Care of Alleged Poison Victims."

Clinical Laboratory Scientists Groups in Barcelona and Madrid, Spain, "Role of the Toxicologists in Acute Poisonings."

May:

Analytical Section of the American Chemical Society, Cleveland Division, "Analytical Developments in Toxicology."

(SAS) Conference, Cleveland Chapter of Society of Applied Spectroscopy at Ursuline College, Keynote Speaker, "Analytical Developments in Toxicology."

June:

Kanas City, Missouri. First Joint Meeting and Exhibit/American Medical Technologists/American Society for Medical Technology, "Analytical Toxicology."

Cuyahoga County Coroner's Office, lecture and lab visitation of National Science Foundation - Notre Dame College, Excellent Science Teachers Workshop, "Community Health Aspects of Clinical Toxicology."

LECTURES GIVEN BY THE STAFF

Irving Sunshine, Ph. D. (continued)

- August:** Award. International Fellowship Award received at the annual meeting of the American Association for Clinical Chemistry in Washington, D.C. The award, sponsored by Becton Dickerson Vacutainer Systems, supports an American clinical chemists efforts in the development of clinical toxicology in a foreign country.
- September:** Burton, England. International Association of Forensic Toxicologists, "Analysis of Marijuana."
- October:** Wichita, Kansas. Wichita Laboratory Continuing Education Group, "The Role of Toxicology in Laboratory Medicine."
- October - November:** In connection with the International Fellowship Award the following lectures were given:
- Tel Aviv, Haifa and Jerusalem, Israel: Lectured to health laboratory scientists on "The Role of the Toxicology Laboratory in Clinical Practice."
- Naples, Italy. "Role of the Toxicologists in Acute Poisonings," at the Institute of Legal Medicine.
- Florence, Italy: "The Drug Abuse Scene in the United States," at a Regional Health Department Seminar.

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

- February:** Cuyahoga Community College Paramedics, "Overview of the Role of the Toxicology Department in Coroner's Office Investigations."
- Toxicology I: Basic Concepts and Principals.
Toxicology II: Methods Materials.
Phase B Lectures for MT (ASCP) program, Division of Clinical Pathology, Department of Medicine, University Hospitals, Case Western Reserve University School of Medicine.

LECTURES GIVEN BY THE STAFF

Bradford R. Hepler, PH.D. (continued)

- May: Legal Medicine and Medical Jurisprudence for Second Year Medical School Students, Case Western Reserve University, "The Poisoned Patient."
- North Royalton Police and Fire Department: Basic Police School, "Department Overview of the Role of the Toxicology Department in the Coroner's Office."
- June: Cuyahoga County Coroner's Office, lecture and lab visitation of the National Science Foundation - Notre Dame College, Excellent Science Teachers Workshop, "Community Health Aspects of Clinical Toxicology."
- September: American Chemical Society, September Meeting, Cleveland Branch, "A View of Modern Forensic Chemistry and Toxicology."

Craig Sutheimer, PH.D., Associate Toxicologist

- June: Cuyahoga County Coroner's Office, lecture and lab visitation of the National Science Foundation - Notre Dame College, Excellent Science Teachers Workshop, "Community Health Aspects of Clinical Toxicology."
- September: American Chemical Society, September Meeting, Cleveland Branch, "A View of Modern Forensic Chemistry and Toxicology."

Mary E. Cowan, Senior Medical Technologist, BS Degree

- January: Cleveland Heights Police Academy.
- February: Cuyahoga Community College, Paramedics.
- Collinwood High School, Senior Biology Class.
- Case Western Reserve University, Course: Exploring Criminal Justice Process .
- March: Case Western Reserve University School of Dentistry, Forensic Odontology Training Seminar, Dental Evidence in Mass Disasters.

LECTURES GIVEN BY THE STAFF

Mary E. Cowan, (continued)

- March: Cuyahoga County Sheriff's Office, Basic Police School.
- April: Cuyahoga Community College, Basic Police School.
Ohio State Coroner's Association, Annual Seminar.
- May: North Royalton Police Department, Basic Police School.
Case Western Reserve University School of Medicine, Course: Legal Medicine.
Cleveland Board of Education, Nursing Assistants.
Cleveland School of Science.
- June: Case Western Reserve University Center for Criminal Justice, Homicide Seminar.
- October: Case Western Reserve University School of Law, Legal Medicine.
Collinwood High School Senior Biology Class.
Cuyahoga Community College, Basic Police School.

Barbara A. Campbell, Medical Technologist, BA Degree

- February: Lakeland Community College Police School, Lake County.
St. Lukes Hospital, Department of Pathology, Continuing Education Program.
- June: Case Western Reserve University Center for Criminal Justice, Homicide Investigation Seminar.
- July: Lakeland Community College, Homicide Investigation Symposium.

LECTURES GIVEN BY THE STAFF

Barbara A. Campbell (continued)

- September: Case Western Reserve University, School of Law.
- November: Lakeland Community College, Basic Police School, Lake County.

Linda Luke, Forensic Serologist, BS Degree

- June: Case Western Reserve University Center for Criminal Justice, Homicide Investigation Seminar, "Flight Characteristics of Blood Stains."
University Hospital Medical Technologists, "What is Trace Evidence?"
- August: Cuyahoga County Medical Technologists, "What is Trace Evidence?"
- September: Case Western Reserve University Law Students, "Characteristics of Blood Stains."

Sharon Rosenberg, Trace Evidence Technician, BS Degree

- May: Monticello Jr. High School.
- June: Case Western Reserve University Center for Criminal Justice, Homicide Investigation Seminar.

James Simmelink, D.D.S., Odontology Consultant

- September: "Ultrastructure of Altered Crystal Development in Rat Enamel." Presented at the Second International Conference on Chemistry and Biology of Mineralized Tissues. (paper presented with A. Lange)
- "IgG in Floride Induced Subameloblastic Cysts." Presented at the Second International Conference on Chemistry and Biology of Mineralized Tissues. (paper presented with A. Lange)

C. Owen Lovejoy, Ph.D., Anthropologist Consultant

- February: "New Perspectives on the Origin of Man." Ohio State Historical Lectures Series, Columbus, Ohio.
- April: "Techniques of Facial Reconstruction." 40th Annual Ohio State Coroner's Association held in Willoughby, Ohio.
"Methods of Footprint Identification." Federal Bureau of Investigation Academy, Quantico, Virginia.
- May: "Identification by Bare Footprints and by Sockprints." Federal Bureau of Investigation Academy, Seminar in Footprint and Fireprint Identification, Quantico, Virginia.
- November: "Mating Strategy and the Origin of Man." L.S.B. National Series, University of Utah, Salt Lake City, Utah.

THE 1984 CORONER'S STATISTICAL REPORT

**HAS BEEN
CORRELATED, ASSEMBLED AND PREPARED BY:**

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The community salutes S.R.Gerber, M.D. during his 48th year of service as Coroner.
