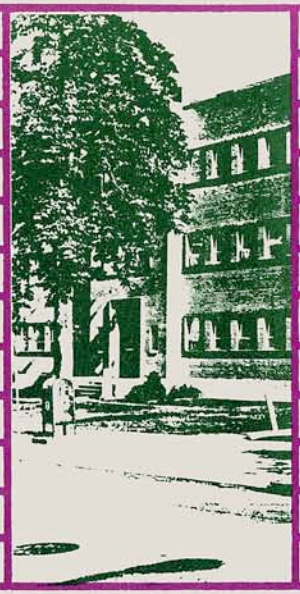
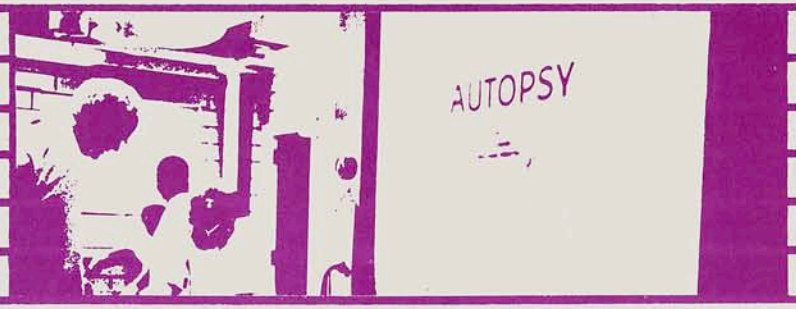


CORONER'S STATISTICAL REPORT

COUNTY OF CUYAHOGA

STATE OF OHIO

1986



COUNTY OF CUYAHOGA
CORONER'S STATISTICAL REPORT

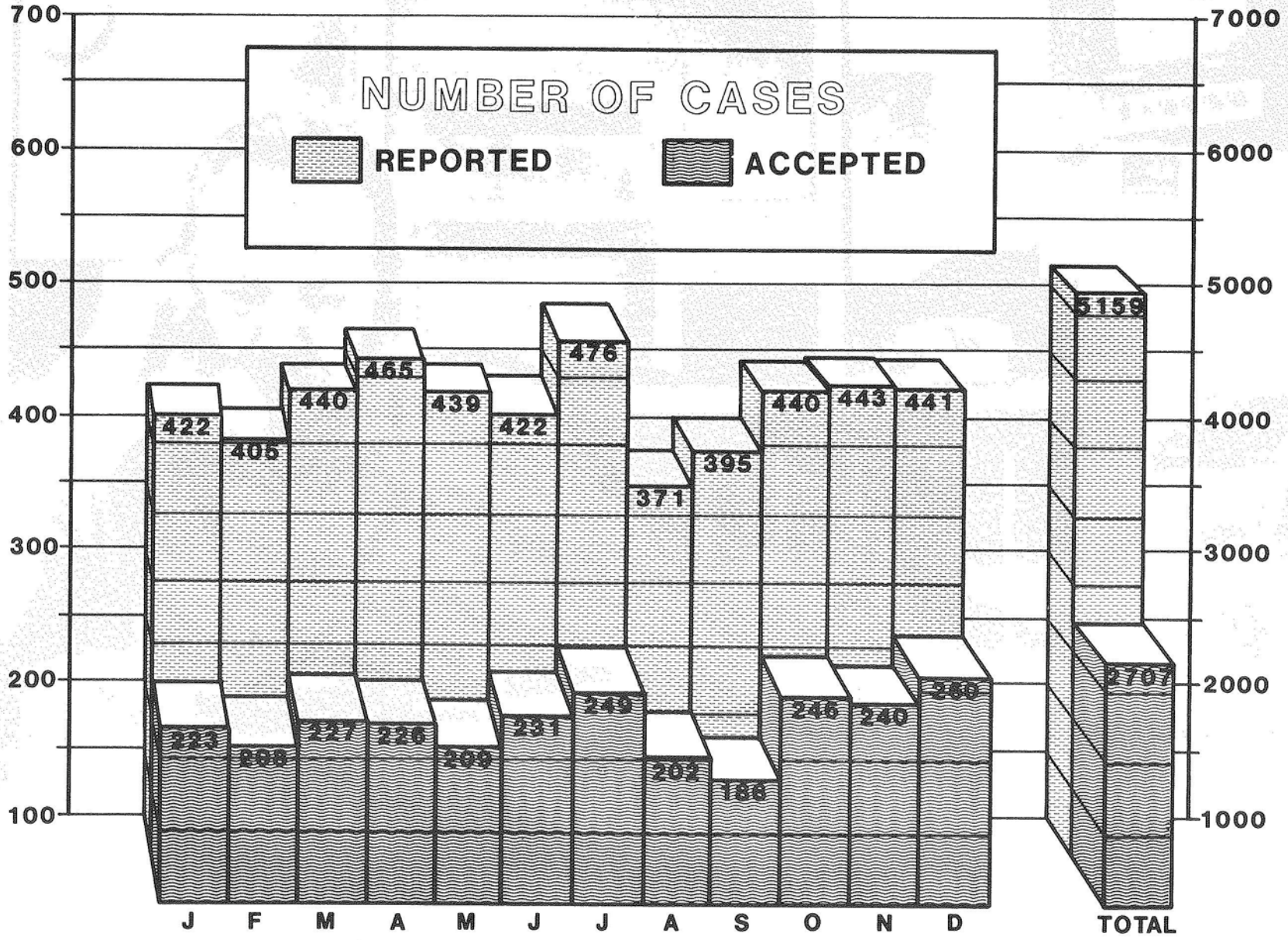
1986

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

CORONER

2121 ADELBERT RD., CLEVELAND, OHIO 44106

1986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6000
5000
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440
443
441
5159
223
208
227
226
209
231
249
202
188
246
240
260
2707
J
F
M
A
M
J
J
A
S
O
N
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TOTAL

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TABLE OF CONTENTS (cont.)

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

INTRODUCTION

County of Cuyahoga
CORONER'S OFFICE

S.R. Gerber, M.D.
Coroner

Continuity and consistency have been the hallmark of these annual reports which have been issued over a period of forty-eight years. Improvement of the format has also received attention by devoted staff members who have contributed their various talents to enhancement of specific features over the years. Thus, we have attempted to stimulate interest in casual perusal as well as scholarly study of the data. We believe that the innovative graphics in this report portray more effectively the general significance of the data.

These reports have focused attention on the subject of Coroner's investigations with emphasis on certain aspects of the professional phases pertinent to the health, safety and welfare of the community. Implicit functions and expertise of other members of the Coroner's staff are essential to these emphasized aspects. Accordingly, this report is dedicated to them - the investigators, secretaries, clerical assistants, desk attendants and support personnel - in appreciation for their loyalty to this office and conscientious service to the public.

2121 Adelbert Road Cleveland, Ohio 44106 216/721-5610

FOREWARD

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

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

. . . **Accidents in the Home**

. . . **Accidents While at Work**

. . . **Vehicular Accidents**

. . . **Accidents in Other Places**

. . . **Homicides**

. . . **Suicides**

. . . **Violence of Undetermined Origin**

. . . **Natural Causes**

. . . **Abortions**

. . . **Neonatal and Intra-Uterine Deaths**

. . . **Cause and Origin Undetermined**

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

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

What is a Coroner's case?

Sections 313.11 and 313.12 -- Revised Code of State of Ohio
"... any person (who) dies as a result of

- CRIMINAL or other
- VIOLENT means, or by
- CASUALTY, or by
- SUICIDE, or
- SUDDENLY when in apparent health, or in any
- SUSPICIOUS or UNUSUAL manner ..."

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

AVAILABILITY OF PUBLIC RECORDS

Section 149.43 (A) As used in this section:

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

(2) "Confidential law enforcement investigatory record" means any record that pertains to a law enforcement matter of a criminal, quasi-criminal, civil, or administrative nature, but only to the extent that the release of the record would create a high probability of disclosure of any of the following:

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

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

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

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

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

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

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

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

Section 313.09. The coroner shall keep a complete record of and shall fill in the cause of death on the death certificate, in all cases coming under his jurisdiction. All records shall be kept in the office of the coroner, but, if no such office is maintained, then such records shall be kept in the office of the clerk of the court of common pleas. Such records shall be properly indexed, and shall state the name, if known, of every deceased

person as described in section 313.12 of the Revised Code, the place where the body was found, date of death, cause of death, and all other available information. The report of the coroner and the detailed findings of the autopsy shall be attached to the report of each case. The coroner shall promptly deliver, to the prosecuting attorney of the county in which such death occurred, copies of all necessary records relating to every death in which, in the judgment of the coroner or prosecuting attorney, further investigation is advisable. The sheriff of the county, the police of the city, the constable of the township, or marshal of the village in which the death occurred may be requested to furnish more information or make further investigation when requested by the coroner or his deputy. The prosecuting attorney may obtain copies of records and such other information as is necessary from the office of the coroner. All records of the coroner are the property of the county.

RECORDS TO BE PUBLIC; CERTIFIED COPIES AS EVIDENCE

Section 313.10 (2855-11). The records of the coroner, made by himself or by anyone acting under his direction or supervision are public records, and such records, or transcripts, or photostatic copies thereof, certified by the coroner, shall be received as evidence in any criminal or civil court in this state as to the facts contained in such records.

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

WHO REPORTS THE DEATH TO THE CORONER'S OFFICE?

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

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

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

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

Section 313.12. When any person dies as a result of criminal or other violent means, or by casualty, or by suicide, or suddenly when in apparent health, or in any suspicious or unusual manner, the physician called in attendance, or any member of an ambulance service, emergency squad, or law enforcement agency who obtains knowledge thereof arising from his duties, shall immediately notify the office of the coroner of the known facts concerning the time, place, manner, and circumstances of such death, and any other information which is required pursuant to sections 313.01 to 313.22 of the Revised Code. In such cases, if a request is made for cremation, the funeral director called in attendance shall immediately notify the coroner.

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

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

Section 313.13. The coroner or deputy coroner may go to the dead body and take charge of it. If, in the opinion of the coroner, or, in his absence, in the opinion of the deputy, an autopsy is necessary, such autopsy shall be performed by the coroner, deputy coroner, or pathologists. A detailed description of the observations written during the progress of such autopsy or as soon after such autopsy as reasonably possible, and the conclusions drawn therefrom shall be filed in the office of the coroner.

If he takes charge of and decides to perform, or performs, an autopsy on a dead body under this section, the coroner, or in his absence, the deputy coroner, may, under division (E) of section 2108.02 of the Revised Code, waive his paramount right to any donated part of the dead body.

Section 313.14. The coroner shall notify any known relatives of a deceased person who meets death in the manner described by section 313.12 of the Revised Code by letter or otherwise. The next of kin, other relatives, or friends of the deceased person, in the order named, shall have prior right as to disposition of the body of such deceased person. If relatives of the deceased are unknown, the coroner shall make a diligent effort to ascertain the next of kin, other relatives, or friends of

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

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

SECTION 313.141. FIREARMS

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

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

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

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

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

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

corpse, from the statements of relatives or other persons having any knowledge of the facts, and from such other sources of information as are available, or from the autopsy.

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

USE OF LABORATORY FOR EMERGENCY OR LAW ENFORCEMENT PURPOSES

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

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

SECTIONS OF THE CODE PERTAINING TO RELEASE OF INFORMATION

PERSONAL INFORMATION SYSTEMS

EXEMPTIONS

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

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

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

(C) After the initial filing of notice required by section 1347.03 of the Revised Code, the department of administrative services and the Ohio privacy board may, by rule adopted pursuant to Chapter 119. of the Revised Code, exempt any personal information system from the provisions of Chapter 1347. of the Revised Code for a period of five years, if either of the following applies:

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

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

RIGHTS OF SUBJECTS, OR POSSIBLE SUBJECTS, TO INSPECTION

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

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

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

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

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

(C) An agency, upon request, shall disclose medical, psychiatric, or psychological information to a person who is the subject of the information or to his legal guardian, unless a physician, psychiatrist, or psychologist determines for the agency that the disclosure of the information is likely to have an adverse effect on the person, in which case the information shall be released to a physician, psychiatrist, or psychologist designated by the person or by his legal guardian.

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

(E) Each agency may establish reasonable fees to be charged a person who requests to copy personal information maintained by the agency.

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

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

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

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

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

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

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

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

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

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

2108.30 Determination that death has occurred; immunity of physician.

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

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

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

REMOVAL OF DONOR EYES FOR CORNEAL TRANSPLANTS

Section 2108.60. (A) As used in this section:
(1) "Cornea" or "corneas" includes corneal tissue.
(2) "Eye bank" means a nonprofit corporation that is organized 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 de-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 exercising the children services function as convened by the county welfare director. The plan shall set forth the normal operating procedure to be employed by all concerned officials in the execution of their respective responsibilities under this section and section 2151.41 of the Revised Code. The plan shall include a system for cross-referral of reported cases of abuse and neglect as necessary, and shall also include the name and title of the official directly responsible for making reports to the central registry.

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

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

(C) No person who discovers the body or acquires the first knowledge of the death of any person shall fail to report such death immediately to any physician known be such person to be treating the deceased for a condition from which death at such time would not be unexpected, or to a law enforcement officer, ambulance service, emergency squad, or the coroner in a political subdivision in which the body is discovered, death is believed to have occurred, or knowledge concerning it is obtained.

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

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

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

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

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

(4) Disclosure of the information would amount to dis-

closure by an ordained clergyman of an organized religious body confidential communication made to him in his capacity as such by a person seeking his aid or counsel.

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

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

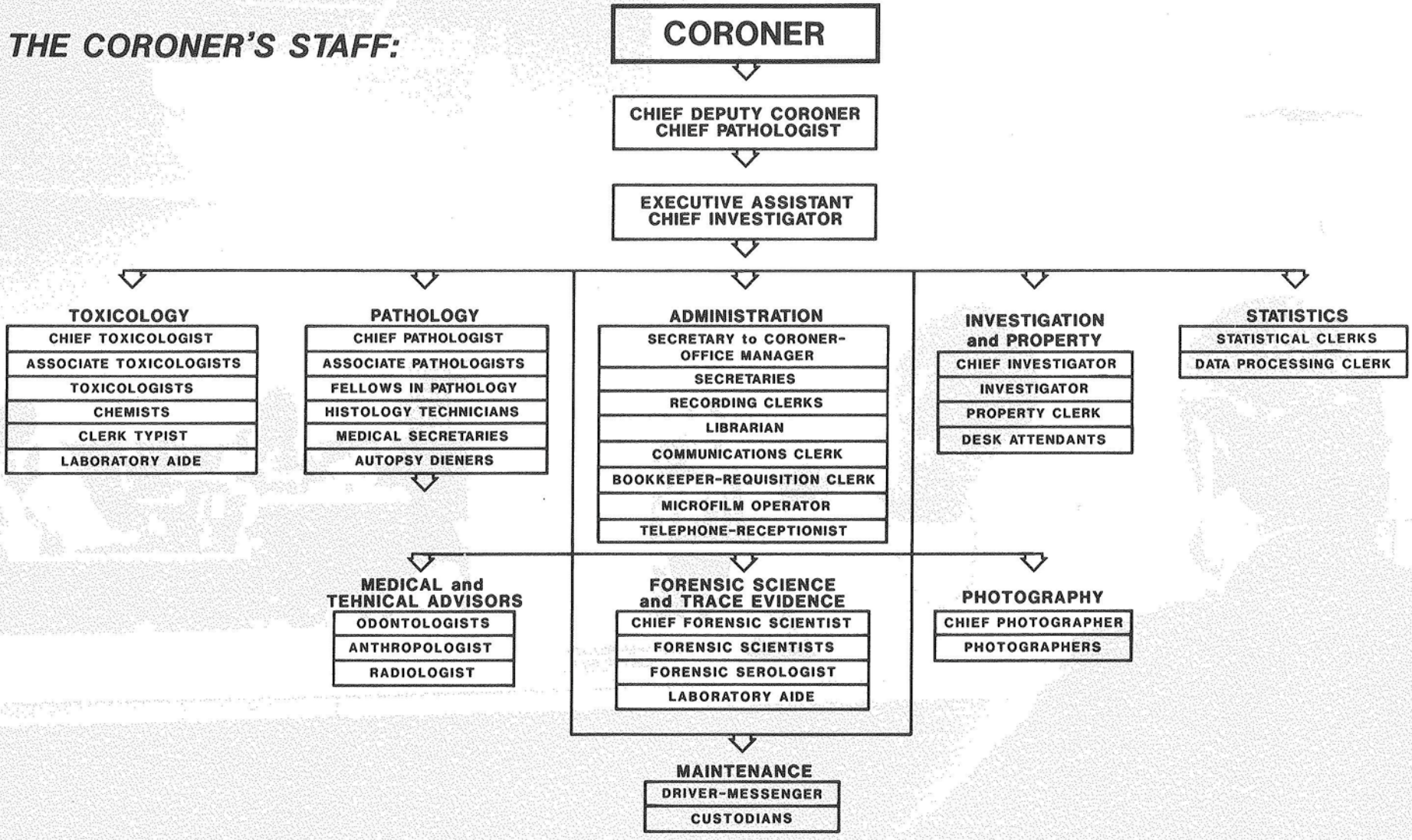
(G) Whoever violates division (A) or (B) of this section is guilty of failure to report a crime. Violation of division (A) of this section is a misdemeanor of the fourth degree. Violation of division (B) of this section is a misdemeanor of the second degree.

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

WHO SIGNS THE DEATH CERTIFICATE?

Section 3705.27. The personal and statistical particulars in the certificate of death or stillbirth shall be obtained by the funeral director or other person in charge of interment or cremation from the best qualified persons or sources available. The statement of facts relating to the disposition of the body and information relative to the armed services referred to in section 3705.26 of the Revised Code shall be signed by the funeral director. The funeral director shall then present the certificate of death to the physician or coroner for certification of the cause of death. The medical certificate of death shall be made and signed by the physician who attended the deceased or by the coroner within forty-eight hours after death. The coroner may satisfy the requirement of signing a death certificate showing the cause of death as pending either by stamping it with a stamp of his signature or by signing it in his own hand, but he shall sign a certificate of death or supplementary medical certification in his own hand. If there is reason to believe that the death was caused by unlawful or suspicious means, the funeral director shall immediately notify the office of the coroner. The coroner shall make inquiry, as provided by section 313.17 of the Revised Code, and make the medical certificate of death or stillbirth required for a burial permit, except as otherwise authorized by regulation of the public health council.

THE CORONER'S STAFF:



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 Secrtaries 2
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
Associate Toxicologist 1
Toxicologists 3
Chemists 3
Technical Typist 1
Laboratory Aide 1

FORENSIC SCIENCE AND TRACE EVIDENCE

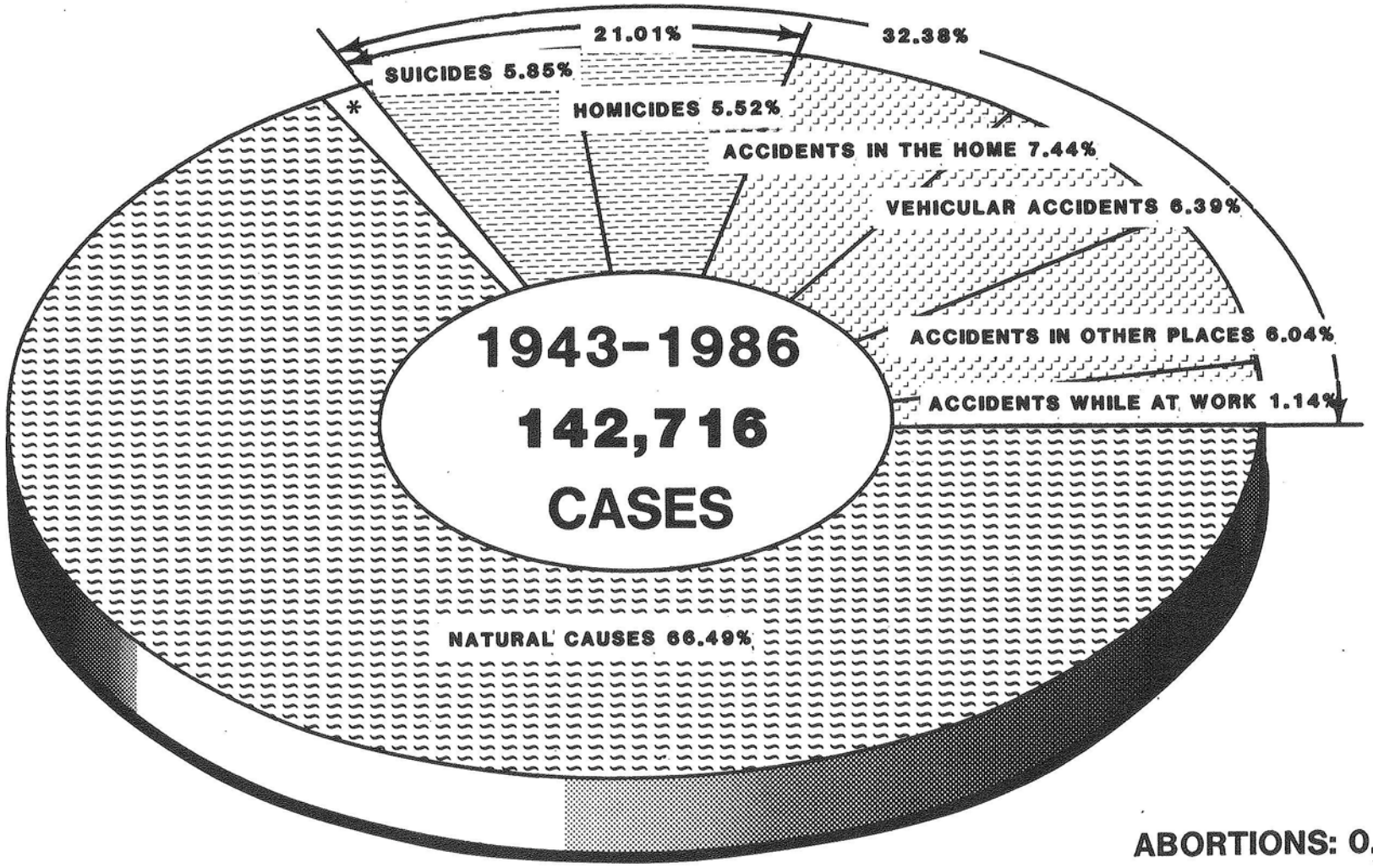
Chief Forensic Scientist 1
Forensic Scientists 2
Forensic Serologist 1
Laboratory Aide 1

TOTAL . . . . . 62&5*

* Part Time

TRENDS

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



ABORTIONS: 0.05%

UNDETERMINED CAUSES: 0.16%

VIOLENCE OF UNDETERMINED ORIGIN: 0.54%

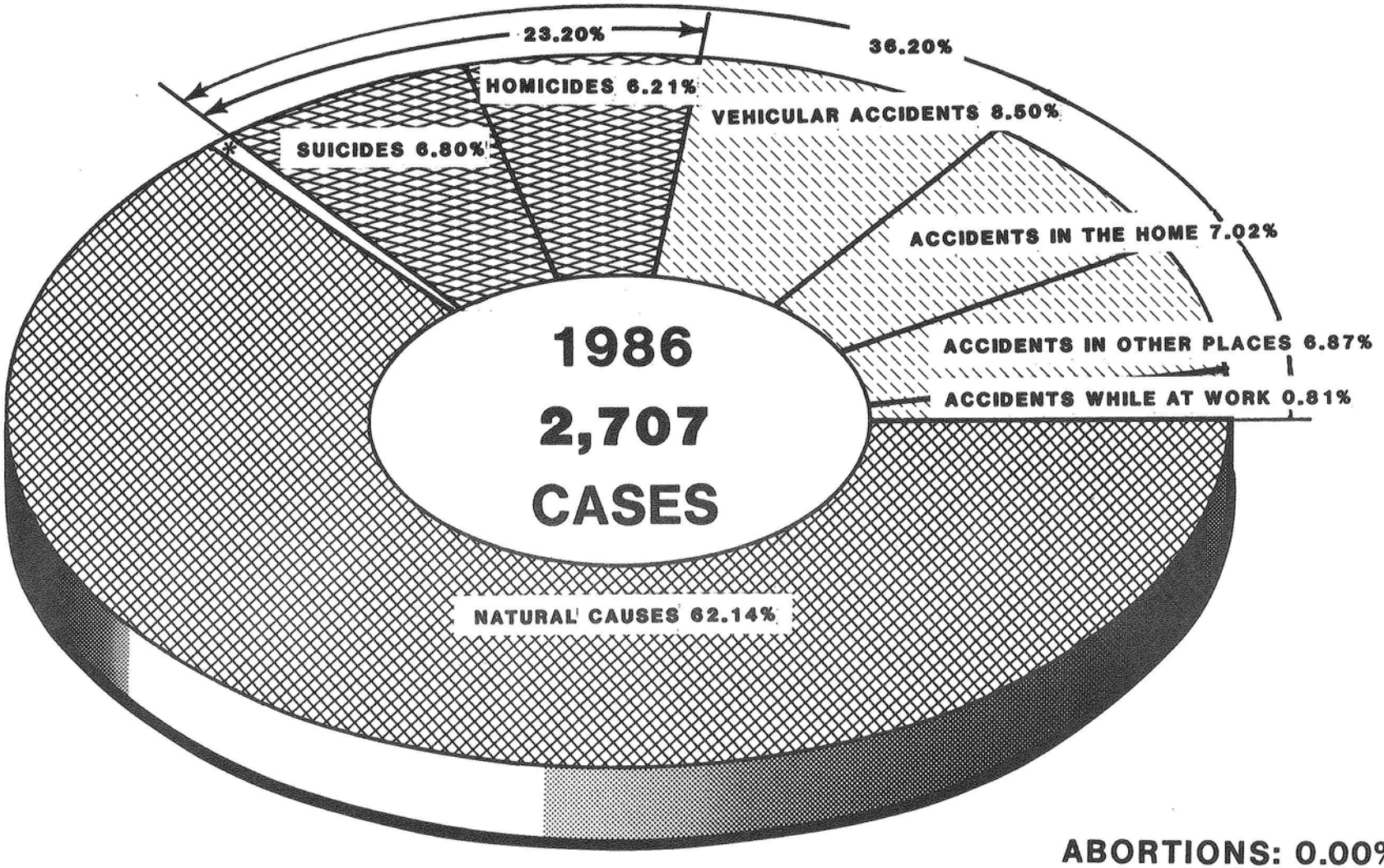
NEONATAL AND INTRA-UTERINE DEATHS: 0.38%

DEATHS FROM VIOLENCE: 32.92%

DEATHS FROM NATURAL CAUSES: 67.08%

TYPES OF CASES RECEIVED AT

THE COUNTY OF CUYAHOGA CORONER'S OFFICE

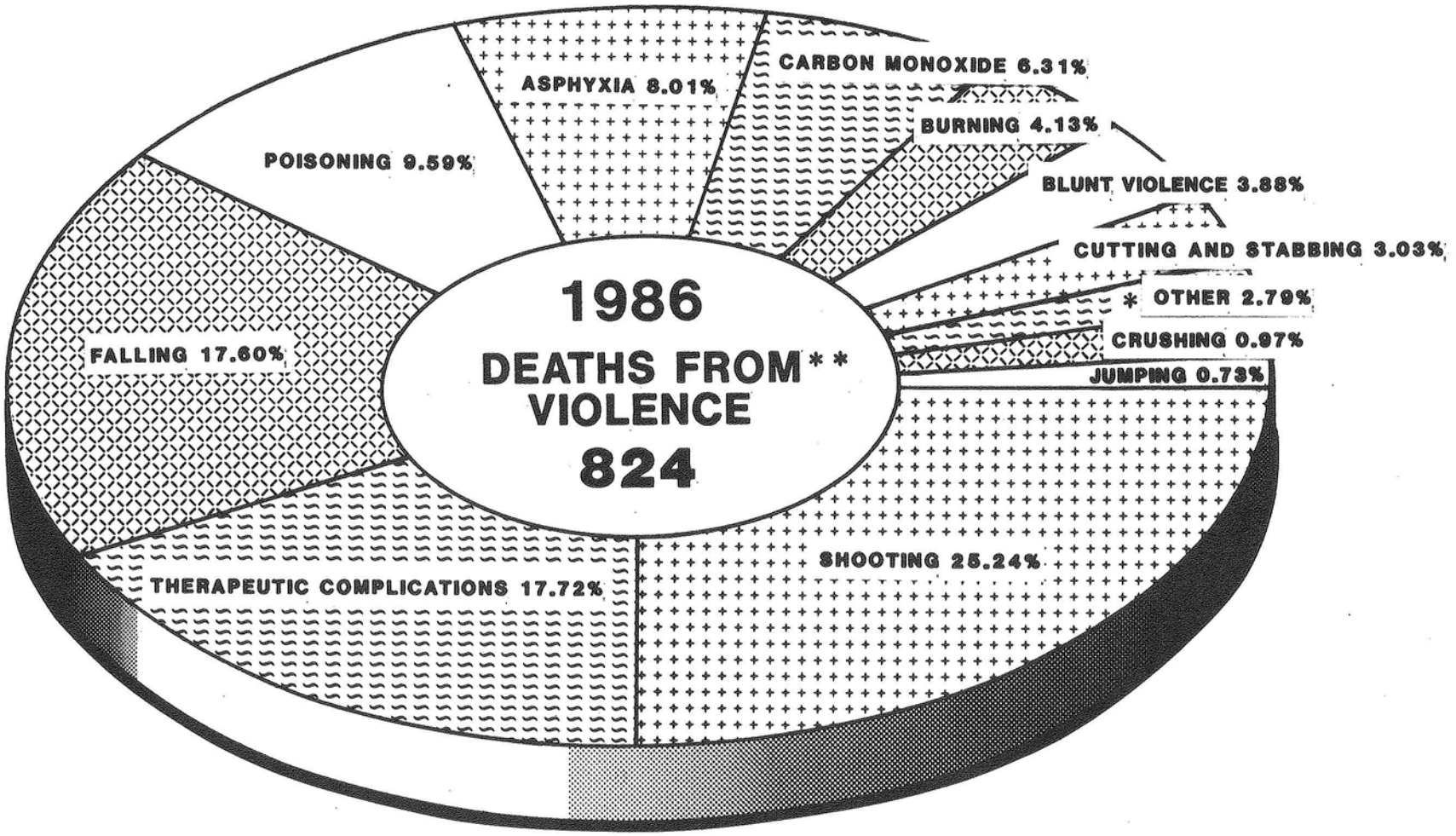


ABORTIONS: 0.00%
UNDETERMINED CAUSES: 0.33%
VIOLENCE OF UNDETERMINED ORIGIN: 1.11% *
NEONATAL AND INTRA-UTERINE DEATHS: 0.22%

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

FATALITIES RESULTING FROM VIOLENCE

MODE OF OCCURRENCE 1986

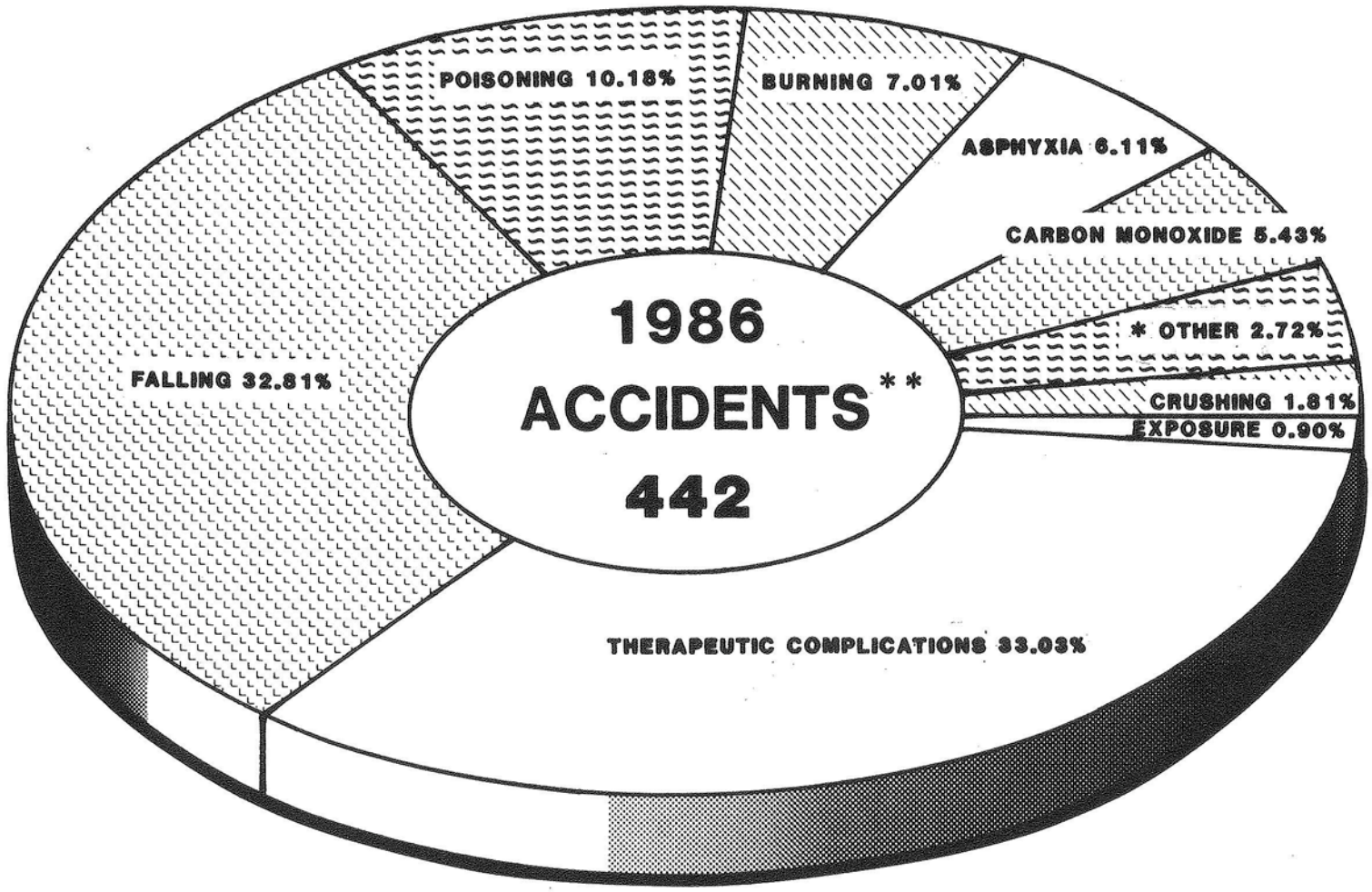


* ARSON,CORONARY EPISODE DURING A FIRE,ELECTROCUTION,EXPLOSION, EXPOSURE, DRAGGED BY AUTO,PUSHED IN FRONT OF BUS,RUN OVER BY AUTO,STRUCK BY TRAIN AND UNDETERMINED.

** EXCLUDING VEHICULAR ACCIDENTS

FATALITIES RESULTING FROM ACCIDENTS

MODE OF OCCURRENCE 1986

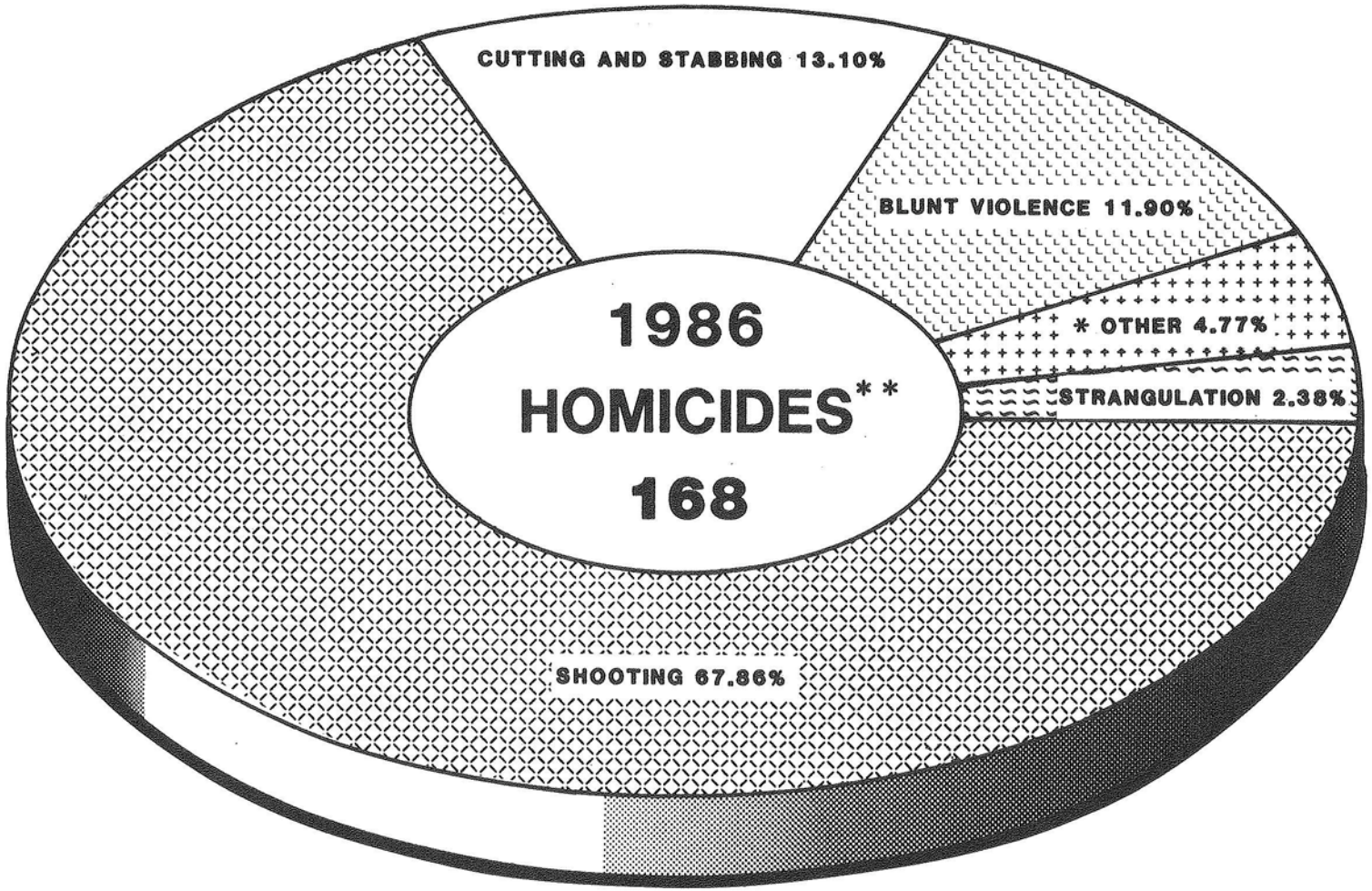


*CORONARY EPISODE DURING A FIRE, ELECTROCUTION, EXPLOSION, STRUCK BY TRAIN, AND UNDETERMINED.

**EXCLUDES VEHICULAR FATALITIES.

FATALITIES RESULTING FROM HOMICIDES

MODE OF OCCURRENCE 1986

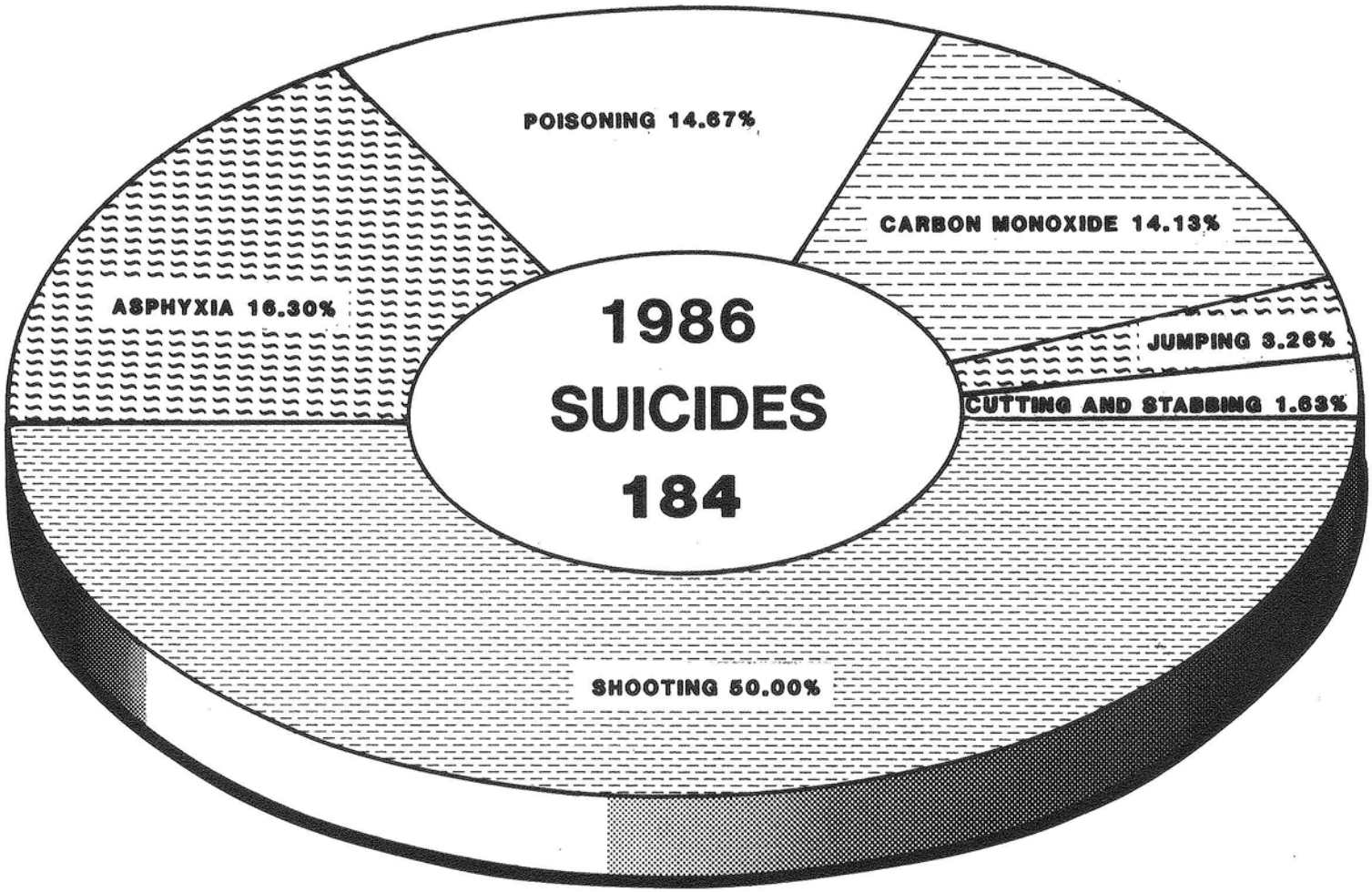


* ARSON, BURNING, DRAGGED BY AUTO, PUSHED IN FRONT OF BUS, AND RUN OVER BY AUTO.

** EXCLUDING VEHICULAR ACCIDENTS.

FATALITIES RESULTING FROM SUICIDES

MODE OF OCCURRENCE 1986



TYPES OF FATALITIES AND MISCELLANEOUS INFORMATION 1985 AND 1986

TABLE A

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

* Includes 112 Autopsies performed at hospitals.

** Includes 111 Autopsies performed at hospitals.

TYPES OF FATALITIES - SEX, RACE, AUTOPSY

TABLE B

	TOTAL	SEX		RACE		AUTOPSIED CASES*	% OF TOTAL
		MALE	FEMALE	WHITE	NON-WHITE		
ACCIDENTS IN THE HOME	190	99	91	148	42	147	5.43
ACCIDENTS WHILE AT WORK	22	21	1	19	3	23	0.85
VEHICULAR ACCIDENTS	186	136	50	146	40	185	6.83
ACCIDENTS IN OTHER PLACES	230	122	108	186	44	145	5.36
HOMICIDES	168	134	34	48	120	170	6.28
SUICIDES	184	133	51	150	34	182	6.72
VIOLENCE OF UNDETERMINED ORIGIN	30	22	8	12	18	28	1.03
NATURAL CAUSES	1682	1062	620	1102	580	530	19.58
ABORTIONS	0						
NEONATAL AND INTRA-UTERINE DEATHS	6	1	5	4	2	5	0.18
UNDETERMINED CAUSES	9	7	2	4	5	9	0.33
GRAND TOTAL	2707	1737	970	1819	88	1424	52.60

* Includes 111 autopsies performed at hospitals.

TYPES OF FATALITIES - 1985 AND 1986 INCIDENCE COMPARED

TABLE C

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

TYPES OF FATALITIES - ALCOHOL INCIDENCE

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	190	121	63.68	26	21.49
ACCIDENTS WHILE AT WORK	22	14	63.64	1	7.14
VEHICULAR ACCIDENTS	186	144	77.42	77	53.47
ACCIDENTS IN OTHER PLACES	230	56	24.35	12	21.43
TOTAL	628	335	53.34	116	34.63
HOMICIDES	168	158	94.05	69	43.67
SUICIDES	184	179	97.28	52	29.05
VIOLENCE OF UNDETERMINED ORIGIN	30	24	80.00	7	29.17
TOTAL	1010	696	68.91	244	35.06
NATURAL CAUSES	1682	1369	81.39	98	7.16
ABORTIONS	0				
UNDETERMINED CAUSES	9	8	88.89	5	62.50

VEHICULAR FATALITIES
DAILY ALCOHOL INCIDENCE

TABLE E

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

(1) SEE TABLE 59 - A (2) SEE TABLES 58 AND 59 (3) SEE TABLE 60 (4) SEE TABLE 61

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 FATALITIES		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	1570	58.00	947	60.32	288	18.34	85	5.41	136	8.66	79	5.03
Bay Village	6	0.22	2	33.33	2	33.33					2	33.33
Beachwood	13	0.48	7	53.85	3	23.08					3	23.08
Bedford	25	0.92	20	80.00	1	4.00	1	4.00	1	4.00	2	8.00
Bedford Heights	13	0.48	6	46.15	3	23.08	2	15.38			2	15.38
Berea	14	0.52	5	35.71	3	21.43	1	7.14	1	7.14	4	28.57
Brecksville	11	0.41	2	18.18	3	27.27	2	18.18	2	18.18	1	9.09
Broadview Heights	10	0.37	2	20.00	3	30.00	4	40.00			1	10.00
Brooklyn	6	0.22	4	66.67			1	16.67			1	16.67
Brook Park	12	0.44	6	50.00			1	8.33			5	41.67
Cleveland Heights	42	1.55	27	64.29	3	7.14	2	4.76	4	9.52	6	14.29
East Cleveland	114	4.21	91	79.82	12	10.53	1	0.88	8	7.02	1	0.88
Euclid	97	3.58	75	77.32	16	16.49	3	3.09	1	1.03	2	2.06
Fairview Park	14	0.52	5	35.71	1	7.14	3	21.43			5	35.71
Garfield Heights	62	2.29	51	82.26	5	8.06	1	1.61	1	1.61	4	6.45
Highland Heights	4	0.15	1	25.00			1	25.00	1	25.00	1	25.00
Independence	13	0.48	5	38.46	1	7.69	3	23.08	1	7.69	3	23.08
Lakewood	66	2.44	45	68.18	12	18.18	2	3.03	1	1.52	5	7.58
Lyndhurst	11	0.41	5	45.45	1	9.09	1	9.09	1	9.09	3	27.27
Maple Heights	12	0.44	9	75.00	3	25.00						
Mayfield Heights	55	2.03	45	81.82	3	5.45	4	7.27			3	5.45
Middleburg Heights	56	2.07	47	83.93	4	7.14	2	3.57	1	1.79	2	3.57
North Olmsted	16	0.59	11	68.75	1	6.25	2	12.50			1	6.25
North Royalton	9	0.33	7	77.78	1	11.11					1	11.11
Olmsted Falls	6	0.22	4	66.67	1	16.67					1	16.67
Parma	116	4.29	87	75.00	12	10.34	4	3.45			10	8.62
Parma Heights	7	0.26	3	42.86	4	57.14						
Pepper Pike	4	0.15			1	25.00					3	75.00
Richmond Heights	14	0.52	13	92.86	1	7.14						
Rocky River	10	0.37	6	60.00	3	30.00	1	10.00				
Seven Hills	11	0.41	4	36.36	2	18.18	1	9.09			4	36.36
Shaker Heights	20	0.74	12	60.00	2	10.00	1	5.00	2	10.00	3	15.00
Solon	22	0.81	19	86.36	1	4.55	1	4.55			1	4.55
South Euclid	8	0.30	4	50.00	2	25.00	2	25.00				
Strongsville	17	0.63	5	29.41	1	5.88	2	11.76			9	52.94
University Heights	4	0.15	2	50.00					1	25.00	1	25.00
Warrensville Heights	63	2.33	57	90.48	3	4.76	1	1.59	1	1.59		
Westlake	44	1.63	32	72.73	6	13.64					5	11.36

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

SUMMARY CHART

DISTRIBUTION OF SELECTED CORONER'S CASES IN EACH MUNICIPALITY

COUNTY OF CUYAHOGA

TABLE F cont.

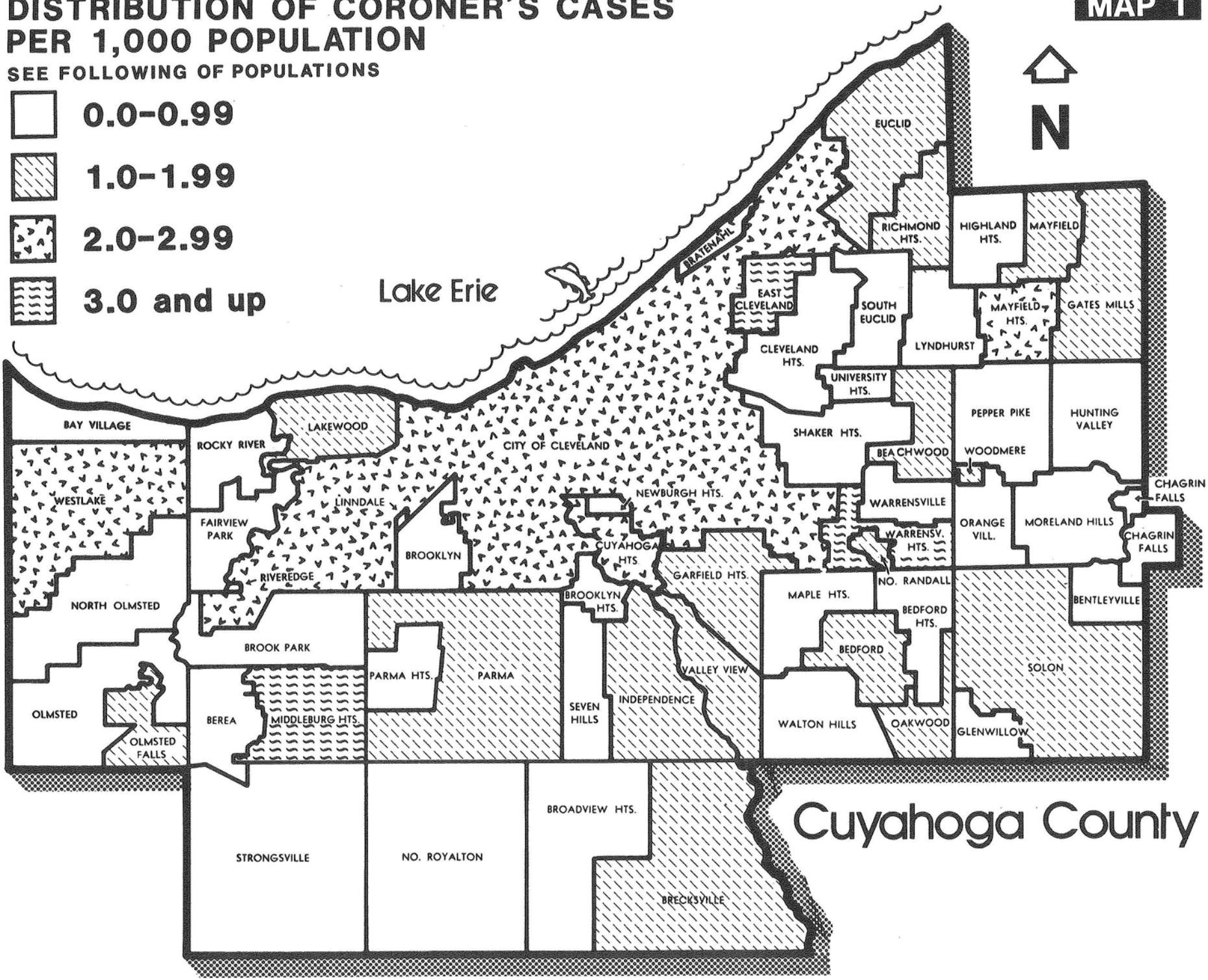
	TOTAL INSIDE CASES		NATURAL CAUSES		HOME, WORK AND OTHER FATALITIES		VEHICULAR FATALITIES		HOMICIDE		SUICIDE	
VILLAGES AND TOWNSHIPS	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases
VILLAGES:												
Bentleyville	0											
Bratenahl	4	0.15					3	75.00			1	25.00
Brooklyn Heights	0											
Chagrin Falls	1	0.04									1	100.00
Cuyahoga Heights	2	0.07			1	50.00	1	50.00				
Gates Mills	3	0.11	1	33.00			2	67.00				
Glenwillow	0											
Hunting Valley	0											
Linndale	0											
Mayfield	5	0.18	1	20.00			1	20.00			3	60.00
Moreland Hills	0											
Newburg Heights	2	0.07			1	50.00	1	50.00				
North Randall	2	0.07	1	50.00							1	50.00
Oakwood	5	0.18	3	60.00					1	20.00	1	20.00
Orange	0											
Valley View	3	0.11			1	33.00	2	67.00				
Walton Hills	2	0.07			1	50.00			1	50.00		
Woodmere	1	0.04									1	100.00
TOWNSHIPS:												
Chagrin Falls	0											
Olmsted	2	0.07	1	50.00	1	50.00						
Riveredge	0											
Warrensville	6	0.22	2	33.33	2	33.33	1	16.67				
TURNPIKE IN COUNTY	0											

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

DISTRIBUTION OF CORONER'S CASES PER 1,000 POPULATION

MAP 1

SEE FOLLOWING OF POPULATIONS



1986

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

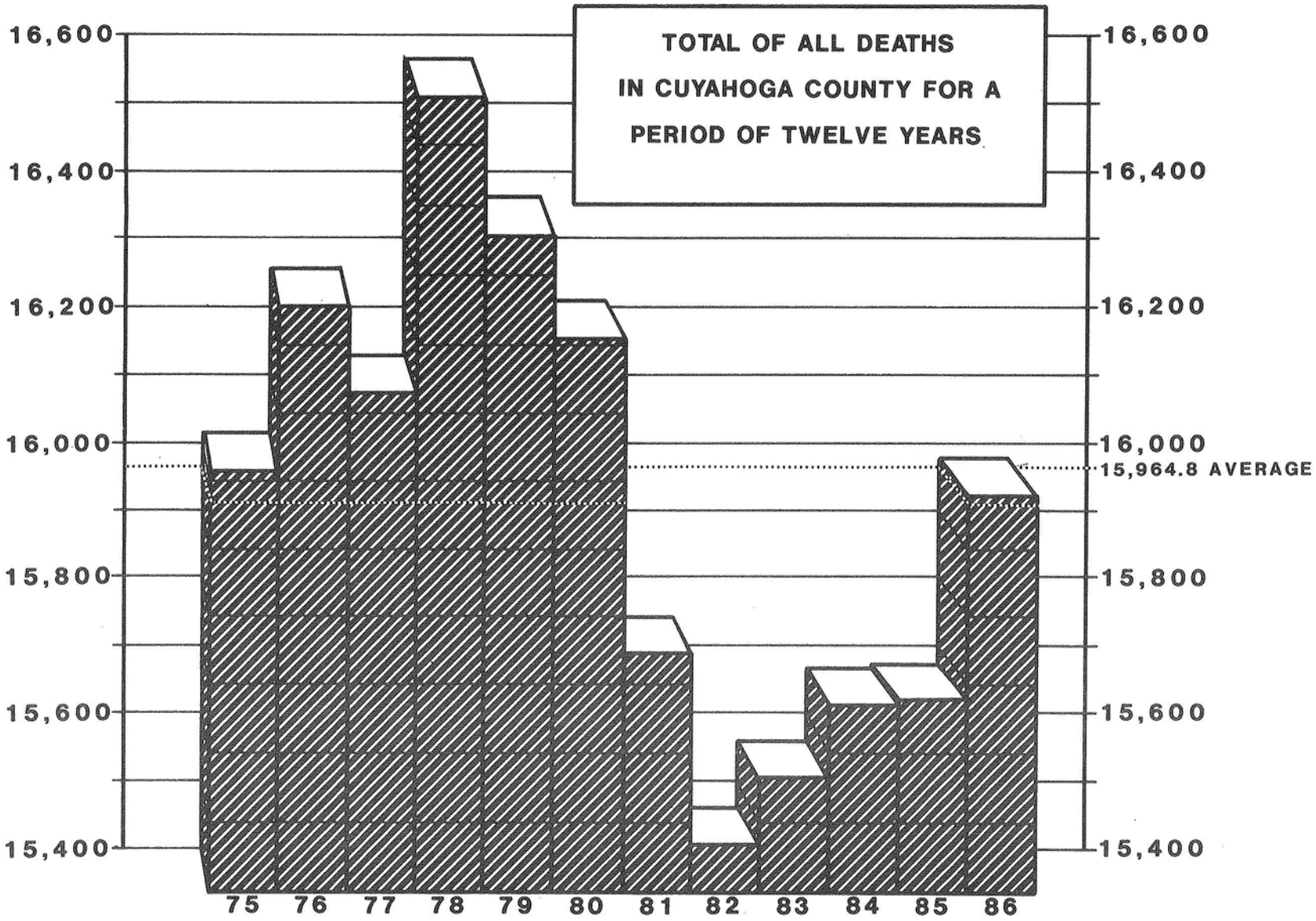
VILLAGES

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

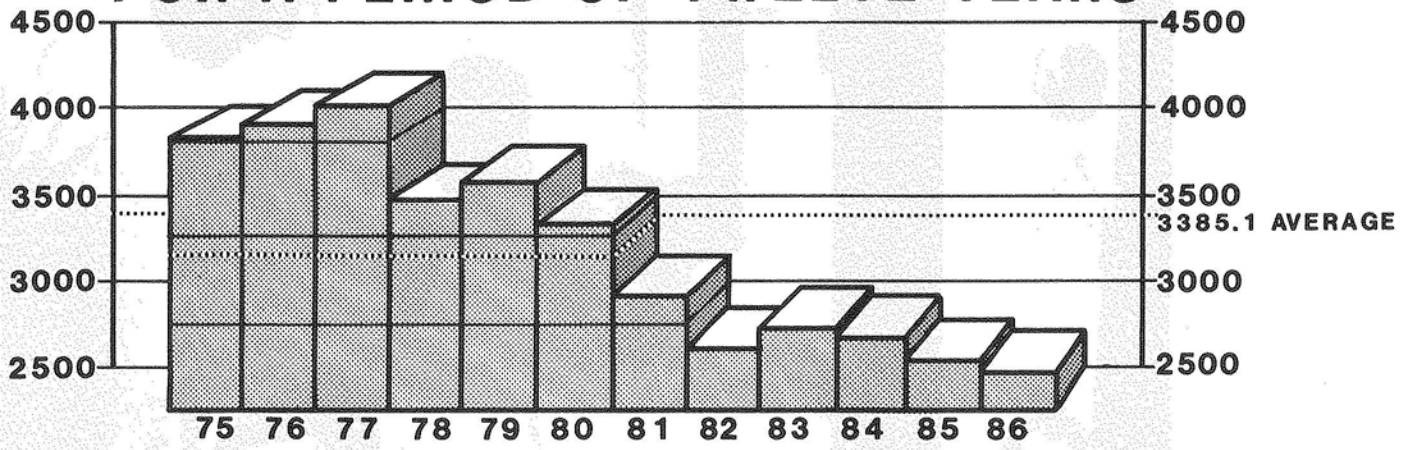
Chagrin Falls	136
Olmsted	6,976
Riveredge	477
Warrensville	1,640

POPULATION OF CUYAHOGA COUNTY
1,498,400


TOTAL OF ALL DEATHS
IN CUYAHOGA COUNTY FOR A
PERIOD OF TWELVE YEARS
16,600
16,400
16,200
16,000
15,800
15,600
15,400
15,964.8 AVERAGE
75
76
77
78
79
80
81
82
83
84
85
86

SUMMARY
OF CORONER'S CASES

FOR A PERIOD OF TWELVE YEARS

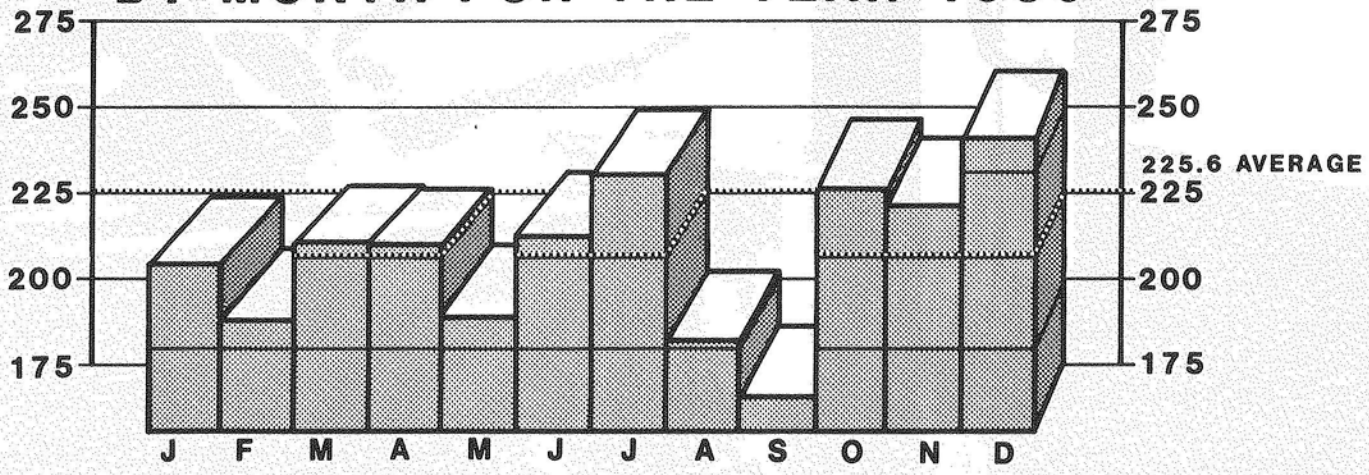


1975 – 1986

TOTAL CASES

40,621

BY MONTH FOR THE YEAR 1986



1986

TOTAL CASES

2707

SUMMARY OF ALL FATALITIES BY TYPE, LOCATION WITH MISCELLANEOUS DATA

TABLE 1

TYPE OF FATALITY	COUNTY			OUT OF COUNTY	TOTAL
	CLEVELAND	OTHER CITIES	REST OF COUNTY		
ACCIDENTS IN THE HOME	99	73	1	17	190
ACCIDENTS WHILE AT WORK	7	7	3	5	22
VEHICULAR ACCIDENTS *	85	50	11	40	186
ACCIDENTS IN OTHER PLACES	182	40	3	5	230
HOMICIDES	136	27	2	3	168
SUICIDES	79	95	8	2	184
VIOLENCE OF UNDETERMINED ORIGIN	25	5	0	0	30
TOTAL VIOLENT DEATHS	613	297	28	72	1010
NATURAL CAUSES	947	726	9	0	1682
NEONATAL & INTRA-UTERINE DEATH	4	2			6
ABORTIONS					0
UNDETERMINED CAUSES	6	2	1	0	9
TOTAL CASES REPORTED AND ADMITTED	1570	1027	38	72	2707

MISCELLANEOUS	TOTAL
CASES REPORTED – NOT ADMITTED	2452
AUTOPSIES **	1424
AUTOPSIES(performed for other counties)	43
UNIDENTIFIED BODIES	4
UNIDENTIFIED FOETUSES	0
IDENTIFIED AND UNCLAIMED BODIES	36
DEATHS IN CUYAHOGA COUNTY***	15,975

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

** Includes 111 autopsies performed at hospitals.
Rest of County includes Turnpikes, Villages and Townships.

*** Resident deaths.

TOTAL CASES BY MONTH AND TYPE OF FATALITY

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	6	5	8	12	9	13	7	9	5	10	8	10	6	4	5	6	5	3	15	5	14	7	11	7	99	91	190
ACCIDENTS WHILE AT WORK	1				1		2		1		2		1		3		2	1	4		3		1		21	1	22
VEHICULAR ACCIDENTS	11	5	2	2	3	3	7	6	9	4	14	3	9	3	14	7	24	3	17	3	9	5	17	6	136	50	186
ACCIDENTS IN OTHER PLACES	7	12	9	7	9	9	7	9	13	8	15	13	12	11	4	5	11	7	12	9	8	6	15	12	122	108	230
HOMICIDE	11	4	10	2	6	2	8	5	10	2	14	8	12	1	12	2	14	1	13	3	10	1	14	3	134	34	168
SUICIDE	11	6	8	3	14	4	14	4	14	4	10	4	17	6	7	2	7	2	13	2	6	7	12	7	133	51	184
VIOLENCE OF UNDETERMINED ORIGIN	2		5	1	2	2	3			1	3		2		1	2	1	1					3	1	22	8	30
NATURAL CAUSES	93	49	89	50	93	56	81	64	89	38	81	42	97	68	89	41	65	39	88	62	102	58	95	53	1062	620	1682
ABORTIONS																											0
NEONATAL AND INTRA-UTERINE DEATHS												2			1							2		1	1	5	6
UNDETERMINED CAUSES					1				1		2				1						2			2	7	2	9
GRAND TOTAL	142	81	131	77	138	89	129	97	142	67	149	82	156	93	137	65	129	57	162	84	154	86	168	92	1737	970	2707

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	5	3	6	4	7	9	6	6	4	9	8	3	5	3	5	4	5	2	14	4	12	2	9	5	86	54	140
ACCIDENTS WHILE AT WORK	1				1		2		1		2		1		3		1	1	3		3		1		19	1	20
VEHICULAR ACCIDENTS	11	5	2	2	3	3	7	6	8	4	14	3	9	3	14	7	24	3	17	3	9	5	17	6	135	50	185
ACCIDENTS IN OTHER PLACES	4	1	3	1	3	2	2	1	3	2	7	2	7	4	4	1	4	1	9	3	2	2	3	2	51	22	73
HOMICIDE	12	4	9	2	7	3	8	4	10	3	14	8	11	1	13	2	13	1	14	3	10	1	14	3	135	35	170
SUICIDE	10	6	9	3	14	4	13	4	15	3	10	4	17	6	7	2	7	2	13	2	6	7	11	7	132	50	182
VIOLENCE OF UNDETERMINED ORIGIN	2		4		3	1	2				3		2		1	2	1	1					3	1	21	5	26
NATURAL CAUSES	38	11	35	12	26	15	25	17	34	9	27	11	35	13	21	17	25	9	22	11	31	16	30	13	349	154	503
ABORTIONS																											0
NEONATAL AND INTRA-UTERINE DEATHS												1		1	1							2			1	4	5
UNDETERMINED CAUSES					1				1		2				1						2			2	7	2	9
GRAND TOTAL	83	30	68	24	65	37	65	38	76	30	87	32	87	31	70	35	80	20	92	26	75	35	88	39	936	377	1313

TOTAL CASES BY AGE GROUPS AND TYPE OF FATALITY

TABLE 4

TYPE OF FATALITY	Under 1 Year		1 – 4		5 – 9		10 – 14		15 – 19		20 – 24		25 – 29		30 – 34		35 – 39		40 – 44		45 – 49		50 – 54		55 – 59		60 – 64		65 – 69		70 – 74		75 – 79		80-over		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
ACCIDENTS:																																					
IN THE HOME	1	1	6	3	4	1		1	2	2	1	3	4	1	9	1	8	3	3	2	2	3	3	3	11	3	7	2	5	8	6	6	11	13	16	35	99	91	190
WHILE AT WORK									1		3		2	1	2		1		2		1		2		1		5				1						21	1	22
VEHICULAR		1	2	2	1		4	1	10	7	35	8	26	6	13	3	14	2	4	1	5	2	1		4	1	6	3	2	3	4	5	2	3	3	2	136	50	186
IN OTHER PLACES	7	3	1	2	2		2		3	2	2		8	3	3	1	6	3	4	4	9	2	5	5	5	4	15	12	20	17	12	11	8	13	10	26	122	108	230
HOMICIDE	1	1	3				1	1	11	1	20	4	30	11	20	4	13	3	1		7		5	1	7		4	3	6	1	3	3	1		1	1	134	34	168
SUICIDE							1		5	1	20	3	14	6	15	5	14	5	8	3	9	3	1	2	10	5	7	7	7	4	8	4	5	1	9	2	133	51	184
VIOLENCE OF UNDETERMINED ORIGIN		1	1				1						6		1		3		2	1	1		1	2	2	2	3				1	1		1			22	8	30
NATURAL CAUSES	35	20	3	3	4			1	4	1	7	6	15	3	26	6	32	16	46	10	50	24	69	24	116	46	160	68	151	91	130	78	81	86	133	137	1062	620	1682
ABORTIONS																																							0
NEONATAL AND INTRA-UTERINE DEATHS	1	5																																			1	5	6
UNDETERMINED CAUSES			1					1					2		1		1		2					1													7	2	9
GRAND TOTAL	45	32	17	10	11	1	9	5	36	14	88	24	107	31	90	20	92	32	72	21	84	34	87	38	156	61	207	95	191	124	165	108	108	117	172	203	1737	970	2707

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	6	2	4	1		1	2	2	2	3	4	1	9	1	8	3	3	1	2	2	3	3	11	3	7	1	4	7	5	3	8	6	7	13	86	54	140
WHILE AT WORK									1		3		1	1	2		2		2		1		2				4				1						19	1	20
VEHICULAR		1	2	2	1		4	1	10	7	35	8	26	6	13	3	14	2	4	1	5	2	1		4	1	6	3	2	3	4	5	1	3	3	2	135	50	185
IN OTHER PLACES			1	1	1		2		3	1	2		7	2	3		4	3	4	3	3		2	1	2		2	3	8	4	2	1	1	1	4	2	51	21	73
HOMICIDE	1	1	3				1	1	11	1	20	4	30	11	20	4	13	3	2		7		5	1	7		4	3	6	2	3	3	1		1	1	135	35	170
SUICIDE							1		5	1	20	3	14	6	15	5	13	5	8	3	9	2	1	2	10	5	7	7	7	4	8	4	5	1	9	2	132	50	182
VIOLENCE OF UNDETERMINED ORIGIN		1	1				1						6		1		3		2		1		1	1	2	2	2				1	1					21	5	26
NATURAL CAUSES	33	21	1	2	2			1	4	1	6	5	13	2	22	6	30	12	41	7	39	13	36	13	26	11	31	11	25	11	12	15	10	12	18	11	349	154	503
ABORTIONS																																							0
NEONATAL AND INTRA-UTERINE DEATHS	1	4																																			1	4	5
UNDETERMINED CAUSES			1					1					2		1		1		2					1													7	2	9
GRAND TOTAL	36	29	15	7	8	1	9	5	36	13	88	23	103	29	86	19	88	28	68	15	67	19	51	22	62	22	63	28	52	31	36	32	26	23	42	31	936	377	1313

GEOGRAPHICAL LOCATION - ALL FATALITIES SUMMARY

TABLE 6

CITIES	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	LIVE BIRTH AND FOETAL DEATH	UNDETERMINED CAUSES	TOTAL	GRAND TOTAL
Cleveland	99	7	85	182	373	136	79	25	240	613	947		4	6	957	1570
Bay Village	1			1	2		2		2	4	2				2	6
Beachwood	2			1	3		3		3	6	7				7	13
Bedford	1		1		2	1	2		3	5	20				20	25
Bedford Heights	1	2	2		5		2		2	7	6				6	13
Berea	3		1		4	1	4		5	9	5				5	14
Brecksville	1		2	2	5	2	1		3	8	2		1		3	11
Broadview Heights			4	3	7		1		1	8	2				2	10
Brooklyn			1		1		1		1	2	4				4	6
Brook Park			1		1		5		5	6	6				6	12
Cleveland Heights	2	1	2		5	4	6		10	15	27				27	42
East Cleveland	4		1	8	13	8	1		9	22	91			1	92	114
Euclid	11	1	3	4	19	1	2		3	22	75				75	97
Fairview Park	1		3		4		5		5	9	5				5	14
Garfield Heights	5		1		6	1	4		5	11	51				51	62
Highland Heights			1		1	1	1		2	3	1				1	4
Independence	1		3		4	1	3		4	8	5				5	13
Lakewood	7		2	5	14	1	5	1	7	21	45				45	66
Lyndhurst	1		1		2	1	3		4	6	5				5	11
Maple Heights	2	1			3					3	9				9	12
Mayfield Heights	2		4	1	7		3		3	10	45				45	55
Middleburg Heights	1		2	3	6	1	2		3	9	47				47	56
North Olmsted	1		2		3		1	1	2	5	11				11	16
North Royalton	1				1		1		1	2	7				7	9
Olmsted Falls	1				1		1		1	2	4				4	6
Parma	7		4	5	16		10	1	11	27	87		1	1	89	116
Parma Heights	3			1	4					4	3				3	7
Pepper Pike	1				1		3		3	4						4
Richmond Heights	1				1					1	13				13	14
Rocky River	3		1		4					4	6				6	10
Seven Hills	2		1		3		4		4	7	4				4	11
Shaker Heights	2		1		3	2	3		5	8	12				12	20
Solon	1		1		2		1		1	3	19				19	22
South Euclid	2		2		4					4	4				4	8
Strongsville		1	2		3		9		9	12	5				5	17
University Heights						1	1		2	2	2				2	4
Warrensville Heights		1	1	2	4	1		1	2	6	57				57	63
Westlake	2			4	6		5	1	6	12	32				32	44
GRAND TOTAL	172	14	135	222	543	163	174	30	367	910	1673		6	8	1687	2597

GEOGRAPHICAL LOCATION - ALL FATALITIES SUMMARY

TABLE 7

VILLAGES AND TOWNSHIPS	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	LIVE BIRTH AND FOETAL DEATH	UNDETERMINED CAUSES	TOTAL	GRAND TOTAL
VILLAGES:																
Bentleyville																0
Bratenahl			3		3		1		1	4						4
Brooklyn Heights																0
Chagrin Falls							1		1	1						1
Cuyahoga Heights		1	1		2					2						2
Gates Mills			2		2					2	1				1	3
Glenwillow																0
Hunting Valley																0
Linndale																0
Mayfield			1		1		3		3	4	1				1	5
Moreland Hills																0
Newburgh Heights		1	1		2					2						2
North Randall							1		1	1	1				1	2
Oakwood						1	1		2	2	3				3	5
Orange																0
Valley View		1	2		3					3						3
Walton Hills				1	1	1			1	2						2
Woodmere							1		1	1						1
TOTAL VILLAGES	0	3	10	1	14	2	8	0	10	24	6	0	0	0	6	30
TOWNSHIPS:																
Chagrin Falls																0
Olmsted	1				1					1	1				1	2
Riveredge																0
Warrensville			1	2	3					3	2			1	3	6
TOTAL TOWNSHIPS	1	0	1	2	4	0	0	0	0	4	3	0	0	1	4	8

GEOGRAPHICAL LOCATION - ALL FATALITIES SUMMARY

TABLE 7A

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

ACCIDENTAL FATALITIES BY MONTH

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	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	TURNPIKE	OUT OF COUNTY	
JANUARY	6	5				11	1					1	8	4				4	16	14	4			1	19	29	13				5	47
FEBRUARY	9	10			1	20							2					2	4	9	6			1	16	20	16				4	40
MARCH	16	5			1	22			1			1	2	3				1	6	14	4				18	32	12	1			2	47
APRIL	7	6			3	16	1		1			2	5	4	1	1		2	13	15	1				16	28	11	2	1		5	47
MAY	8	5			2	15		1				1	7	3				3	13	19	2				21	34	11				5	50
JUNE	9	7			2	18		1	1			2	11	4				2	17	24	4				28	44	16	1			4	65
JULY	6	4				10	1					1	5	4	2			1	12	15	6	1		1	23	27	14	3			2	46
AUGUST	5	3			3	11		1			2	3	9	6	2			4	21	8				1	9	22	10	2			10	44
SEPTEMBER	1	5			2	8	1				2	3	11	7	2			7	27	17	1				18	30	13	2			11	56
OCTOBER	13	5			2	20	2	1			1	4	8	7	1			4	20	16	4		1		21	39	17	1	1		7	65
NOVEMBER	9	11		1		21		3				3	8	2	1			3	14	11	3				14	28	19	1	1		3	52
DECEMBER	10	7			1	18	1					1	9	6	1			7	23	20	5		1	1	27	40	18	1	1		9	69
TOTAL	99	73		1	17	190	7	7	3		5	22	85	50	10	1		40	186	182	40	1	2	5	230	373	170	14	4		67	628

HOMICIDES, SUICIDES, VIOLENCE OF UNDETERMINED ORIGIN

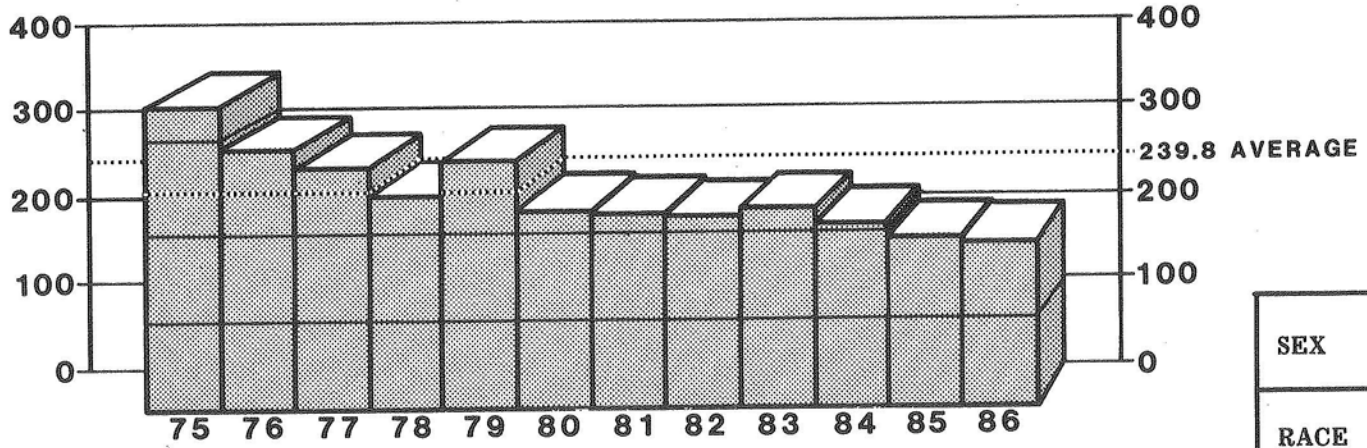
FATALITIES BY MONTH

TABLE 9

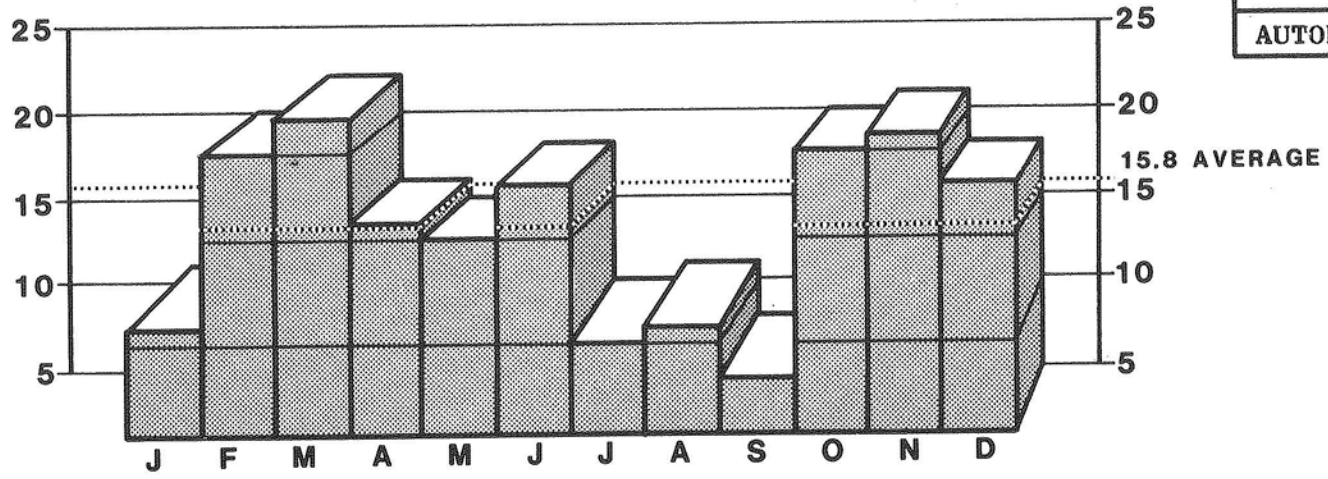
MONTH	HOMICIDE						SUICIDE						VIOLENCE OF UNDETERMINED ORIGIN						TOTAL					GRAND TOTAL
	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	
JANUARY	11	3	1			15	7	10				17	2					2	20	13	1			34
FEBRUARY	10	2				12	4	7				11	6					6	20	9				29
MARCH	4	4				8	7	10	1			18	3	1				4	14	15	1			30
APRIL	10	2			1	13	7	11				18	2	1				3	19	14			1	34
MAY	11	1				12	12	3	2		1	18	1					1	24	4	2		1	31
JUNE	18	3			1	22	6	8				14	3					3	27	11			1	39
JULY	11	2				13	10	9	3		1	23	2					2	23	11	3		1	38
AUGUST	11	2			1	14	6	3				9	2	1				3	19	6			1	26
SEPTEMBER	14	1				15	4	5				9	1	1				2	19	7				26
OCTOBER	13	3				16	5	9	1			15							18	12	1			31
NOVEMBER	9	2				11	5	8				13							14	10				24
DECEMBER	14	2	1			17	6	12	1			19	3	1				4	23	15	2			40
TOTAL	136	27	2		3	168	79	95	8		2	184	25	5				30	240	127	10		5	382

ACCIDENTS IN THE HOME

FOR A PERIOD OF TWELVE YEARS



BY MONTH FOR THE YEAR 1986



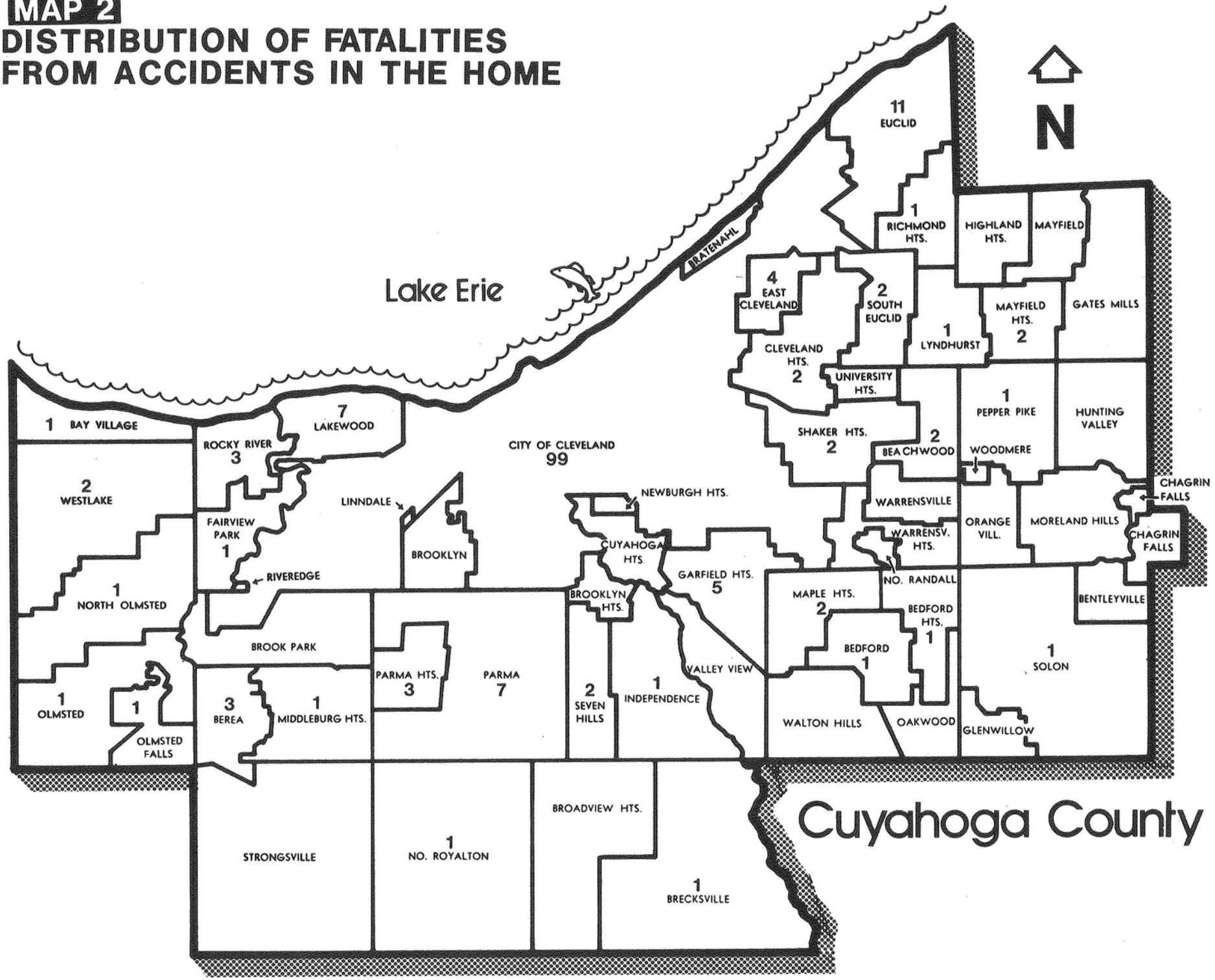
		NUMBER	PERCENT
SEX	MALE	99	52
	FEMALE	91	48
RACE	WHITE	148	78
	NON-WHITE	42	22
ALCOHOL	TESTED	121	64
	POSITIVE	26	21
AUTOPSY	AUTOPSIED	140	74

1986

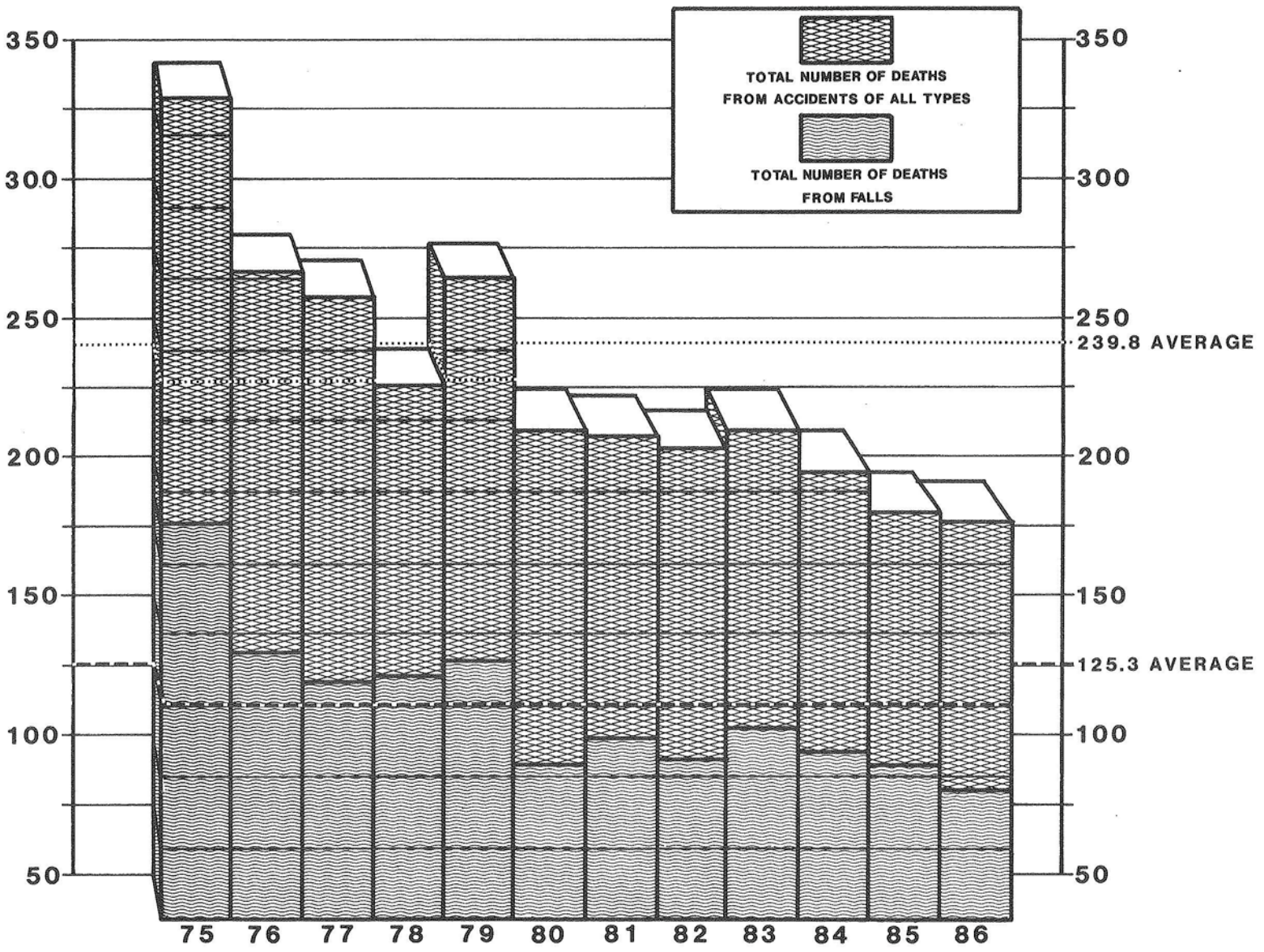
TOTAL CASES

190

MAP 2
DISTRIBUTION OF FATALITIES FROM ACCIDENTS IN THE HOME



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



FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

MONTHLY ALCOHOL INCIDENCE

TABLE 10

										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	
MONTH	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
JANUARY	11	6	5	4	2	2	3			2	3	2	2				1	4	2	3	2	1												1			
FEBRUARY	20	8	12	5	4	3	7		1	4	6	3	4			1	2	4	6	2	6	2										2				
MARCH	22	9	13	7	9	2	3		1	2	4	2	3				1	7	9	5	7	2	2		1	1			1						1	
APRIL	16	7	9	3	4	3	3	1	2	2	5	2	3		1		1	5	4	5	4															
MAY	15	5	10	4	4	1	4		2	2	1	2	1					3	9	3	9															
JUNE	18	8	10	4	5	2	5	2		3	5	3	2				3	5	5	4	4	1	1						1			1				
JULY	10	6	4	4	2	2	2			3	1	3					1	3	3	3	2		1											1		
AUGUST	11	5	6	3	2	1	2	1	2		2		1				1	5	4	4	4	1						1								
SEPTEMBER	8	5	3	1		3	2	1	1	1	1	1	1					4	2	2	1	2	1			1				1						1
OCTOBER	20	15	5	10	3	3	2	2		4	2	3	2			1		11	3	8	2	3	1							1				1	2	
NOVEMBER	21	14	7	6	3	8	4			6	6	5	6			1		8	1	4	1	4		1						1		1			1	
DECEMBER	18	11	7	6	4	5	2		1	2	2	2	2					9	5	7	3	2	2								2	2				
TOTAL	190	99	91	57	42	35	39	7	10	31	38	28	27		1	3	10	68	53	50	45	18	8	1	1	2		1	2	3	2	6		1	2	4	1

FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

AGE AND RACE - ALCOHOL INCIDENCE

TABLE 11

AGE	RACE	TOTAL	Total		NOT TESTED								TESTED						STAGES											
					Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 Year	White	1	1										1		1																
	Non-White	1		1										1		1															
1 – 4	White	5	3	2		1				1			3	1	3	1															
	Non-White	4	3	1									3	1	3	1															
5 – 9	White	1	1										1		1																
	Non-White	4	3	1									3	1	3	1															
10 – 14	White	1		1										1		1															
	Non-White																														
15 – 19	White	2	1	1		1		1					1		1																
	Non-White	2	1	1									1	1	1	1															
20 – 24	White	4	1	3									1	3		3	1				1										
	Non-White																														
25 – 29	White	4	3	1									3	1	1	1	2				1				1						
	Non-White	1	1										1		1																
30 – 34	White	9	9		1		1						8		6		2		1								1				
	Non-White	1		1										1		1															
35 – 39	White	6	4	2									4	2	4	1		1											1		
	Non-White	5	4	1									4	1	1	1	3						1							2	
40 – 44	White	4	3	1	1	1	1					1	2		2																
	Non-White	1		1										1				1							1						
45 – 49	White	3		3		1		1						2		1		1		1											
	Non-White	2	2										2		1		1								1						
50 – 54	White	4	3	1									3	1	1		2	1									1			1	1
	Non-White	2		2										2		1		1					1								
55 – 59	White	9	8	1	1	1	1	1					7		6		1										1				
	Non-White	5	3	2									3	2		2	3										2			1	
60 – 64	White	6	6		4		4						2		2																
	Non-White	3	1	2	1	1	1					1		1		1															
65 – 69	White	12	5	7	2		1				1		3	7	1	5	2	2							1	1	1			1		
	Non-White	1		1		1		1																							
70 – 74	White	10	6	4	3	2	2	1			1	1	3	2	2	2	1												1		
	Non-White	2		2		1		1						1		1															
75 – 79	White	20	7	13	2	5	2	5					5	8	5	8															
	Non-White	4	4		2		2						2		2																
80 – over	White	47	14	33	13	21	12	14			1	7	1	12	1	11		1						1							
	Non-White	4	2	2	1	2	1	2					1		1																
TOTAL	White	148	75	73	27	33	24	23		1	3	9	48	40	37	34	11	6	1	1	2			1	2	1	4		1	2	1	1
	Non-White	42	24	18	4	5	4	4				1	20	13	13	11	7	2					1	1	1	1	2				3	
GRAND TOTAL		190	99	91	31	38	28	27		1	3	10	68	53	50	45	18	8	1	1	2		1	2	3	2	6		1	2	4	1

FATALITIES RESULTING FROM ACCIDENTS IN THE HOME
MODE - ALCOHOL INCIDENCE

TABLE 12

										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	
MODE	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	9	6	3	2	2	3	1	1			1						1	6	2	6	1		1								1							
BURNING	23	16	7	12	2	1	3	3	2	6	4	4			1	2	3	10	3	9	3	1								1							
CARBON MONOXIDE	24	15	9	12	7	3	1		1	1	1	1	1					14	8	9	6	5	2		1				1			2		1		2	
ELECTROCUTION	1	1				1												1		1																	
EXPOSURE	1		1				1												1		1																
FALLING	95	43	52	19	22	21	25	3	5	22	30	21	24			1	6	21	22	15	21	6	1							1	1	3			.	2	
POISONING	34	17	17	12	9	5	7		1	1	1	1	1					16	16	10	12	6	4	1		2		1	1	1		1			2		1
UNDETERMINED	2	1	1			1	1			1	1	1	1																								
OTHER*	1		1						1										1		1																
TOTAL	190	99	91	57	42	35	39	7	10	31	38	28	27		1	3	10	68	53	50	45	18	8	1	1	2		1	2	3	2	6		1	2	4	1

* Coronary episode during a fire.

FATALITIES RESULTING FROM ACCIDENTS IN THE HOME
MODE - ALCOHOL INCIDENCE

TABLE 13

										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	
MODE	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
ASPHYXIA:																																			
Aspiration of Foreign Object	3	1	2		2	1					1						1	1	1	1			1								1				
Compression	1	1				1												1		1															
Drowning	4	3	1	1		1	1	1										3	1	3	1															
Insertion of head into plastic bag	1	1		1														1		1															
TOTAL	9	6	3	2	2	3	1	1			1						1	6	2	6	1		1								1					
BURNING:																																			
Conflagration	15	11	4	9	1	1	1	1	2	2	2	2			1		1	9	2	9	2															
Incidental fire	7	5	2	3	1		1	2		4	1	2				2	1	1	1		1	1								1					
Scalding	1		1				1				1						1																			
TOTAL	23	16	7	12	2	1	3	3	2	6	4	4			1	2	3	10	3	9	3	1								1					
CARBON MONOXIDE:																																			
Auto Exhaust	5	4	1	2		2	1											4	1	2	1	2										1		1	
Conflagration	17	10	7	9	6	1			1	1	1	1	1					9	6	7	5	2	1		1							1			1	
Natural Gas	2	1	1	1	1													1	1			1	1					1							1	
TOTAL	24	15	9	12	7	3	1		1	1	1	1	1					14	8	9	6	5	2		1				1			2		1		2	
ELECTROCUTION:																																			
Ham Radio	1	1				1												1		1															
TOTAL	1	1				1												1		1															
EXPOSURE:																																			
Cold	1		1				1												1		1														
TOTAL	1		1				1												1		1														

FATALITIES RESULTING FROM ACCIDENTS IN THE HOME
MODE - ALCOHOL INCIDENCE

TABLE 14

MODE	TOTAL	Total		Cleve.		County		Out of County		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	M	F	M	F
POISONING:																																			
Single Chemical Agent:																																			
Amitriptyline	1		1				1												1		1														
Chloroethane	1	1				1												1		1															
Cocaine	2	1	1	1	1													1	1	1	1														
Codeine	1	1		1														1		1															
Imipramine	1		1		1														1		1														
Methanol	1	1		1														1		1															
Opiate	1	1		1														1				1						1							
Phentermine	1		1				1												1		1														
Propoxyphene	2		2		1		1												2		2														
Salicylate	2		2		1				1		1		1						1		1														
Combined effect of ethanol and:																																			
Amitriptyline	1	1		1														1				1													
Diazepam	1		1				1												1				1								1				1
Dilaudid	1	1				1												1				1			1										
Opiate	1		1				1												1				1									1				
Propoxyphene	1		1				1												1				1				1								
Chlordiazepoxide and Opiates	1	1				1				1		1																							
Diazepam and Propoxyphene	1	1		1														1				1			1										

FATALITIES RESULTING FROM ACCIDENTS IN THE HOME
MODE - ALCOHOL INCIDENCE

TABLE 14 cont.

MODE	TOTAL	Total		Cleve.		County		Out of County		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	M	F	M	F	M	F
POISONING:(continued)																																					
Ethanol and: Butabarbital, Phenobarbital and Secobarbital	1	1				1												1				1								1							
Caffeine, Codeine and Flurazepam	1		1				1												1				1										1				
Combined effect of two chemical agents: Acetaminophen and Propoxyphene	1		1		1														1		1															
Cocaine and Morphine	1	1		1														1		1																
Diazepam and Propoxyphene	1	1				1												1		1																
Ibuprofen and Salicylate	1	1		1														1		1																
Combined effect of three chemical agents: Acetaminophen,Diazepam and Propoxyphene	1		1		1														1		1															
Amitriptyline, Nortriptyline and Secobarbital	1		1		1														1		1															
Diazepam, Meperidine and Placidyl	1	1		1														1				1		1												
Meprobamate, Propoxyphene and Soma	1	1		1														1		1																
Combined effect of four chemical agents: Cocaine, Methadone, Propoxyphene and Valium	1	1		1														1		1																
Diazepam, Oxycodone, Pentobarbital and Salicylate	1	1		1														1		1																
Combined effect of five chemical agents: Acetaminophen, Butalbital, Caffeine, Codeine and Doxepin	1		1		1														1		1															
Combined effect of seven chemical agents: Acetaminophen, Amitriptyline, Dilantin, Doxepin, Flurazepam, Phenobarbital and Propoxyphene	1		1		1														1		1															
TOTAL	34	17	17	12	9	5	7		1	1	1	1	1					16	16	10	12	6	4	1		2		1	1	1		1			2		1

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					1		1					1					1		1	1					1				6	3	9
BURNING			3	1	1	1							1						1						1		1		3		1	2	3	1	1	2	16	7	23
CARBON MONOXIDE		1	2	2	2				1	2					2		3		1			1	1	1	1		1			1	1	1					15	9	24
ELECTROCUTION																					1																1		1
EXPOSURE																																		1				1	1
FALLING	1		1												1			1		1	1		2		7	2	3	1	2	5	4	2	7	10	14	30	43	52	95
POISONING									1		1	3	2	1	5	1	5	2	1			2		2	1	1	1			2		1		1		1	17	17	34
UNDETERMINED																																			1	1	1	1	2
OTHER																																				1		1	1
TOTAL	1	1	6	3	4	1		1	2	2	1	3	4	1	9	1	8	3	3	2	2	3	3	3	11	3	7	2	5	8	6	6	11	13	16	35	99	91	190

FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

FALLS - ALCOHOL INCIDENCE

TABLE 16

				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	
FALLS BY CODE *	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
E 880 - From Stairs	25	11	14	2	6	2	3				3	9	8	4	7	5	1							1	1	2				2	
E 881 - From Ladder	4	4		3		2				1		1		1																	
E 882 - From Building or Other Structure	2	2										2		2																	
E 884 - From One Level to Another Bed	8	5	3	3	3	3	2				1	2		2																	
Chair	5	2	3	2	1	2	1						2		2																
Couch	1		1		1		1																								
Geri-chair	1		1		1		1																								
Lawn mower	1	1										1		1																	
Tree	1	1		1		1																									
Wheelchair	1	1										1		1																	
E 885 - On Same Level	38	14	24	11	16	11	14				2	3	8	3	8																
E 888 - Unspecified	8	2	6		2		2					2	4	1	4	1										1					
TOTAL	95	43	52	22	30	21	24			1	6	21	22	15	21	6	1							1	1	3				2	

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

FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

FALLS - AGE GROUPS

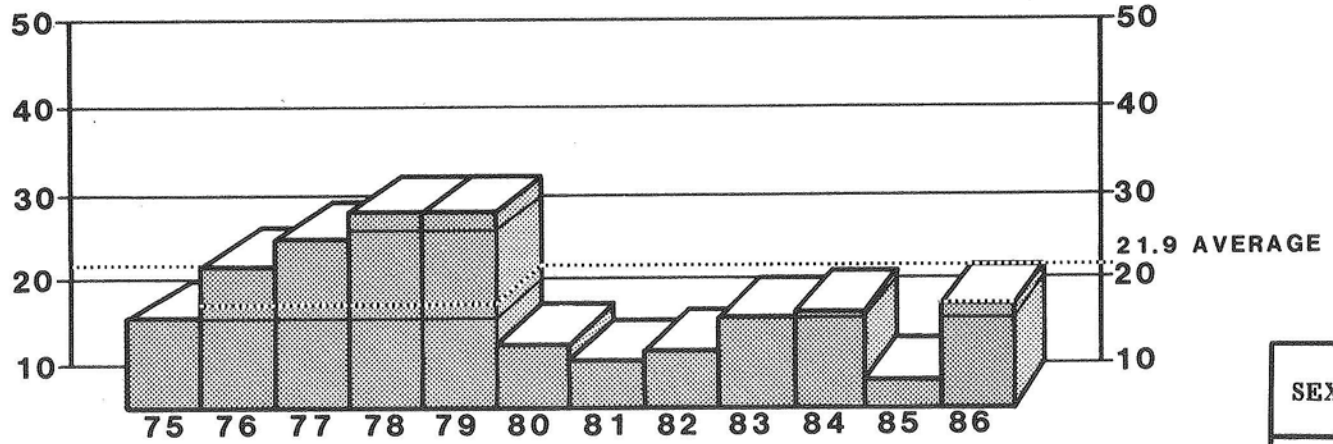
TABLE 17

FALLS BY CODE *	Under 1 Year		1 – 4		5 – 9		10 – 14		15 – 19		20 – 24		25 – 29		30 – 34		35 – 39		40 – 44		45 – 49		50 – 54		55 – 59		60 – 64		65 – 69		70 – 74		75 – 79		80-over		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
E 880 - From Stairs																				1	1		1		3				1	4	3		1	4	1	5	11	14	25
E 881 - From Ladder																									2		1		1								4		4
E 882 - From Building or Other Structure	1																						1													2		2
E 884 - From One Level to Another																																						
Bed			1																														2	2	2	1	5	3	8
Chair																																			2	3	2	3	5
Couch																																				1		1	1
Geri-chair																																				1		1	1
Lawn mower																											1										1		1
Tree															1																						1		1
Wheelchair																																	1				1		1
E 885 - On Same Level																										2	1	1		1	1	2	3	3	9	15	14	24	38
E 888 - Unspecified																	1								2									1		4	2	6	8
TOTAL	1		1												1		1			1	1		2		7	2	3	1	2	5	4	2	7	10	14	30	43	52	95

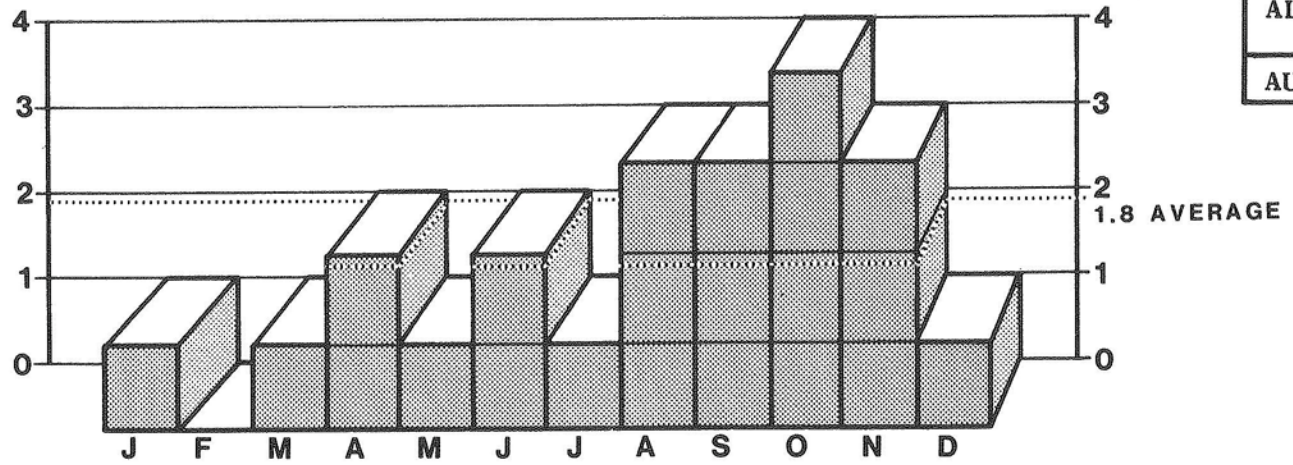
* International Classification of Diseases by World Health Organization: Ninth Revision.

ACCIDENTS WHILE AT WORK

FOR A PERIOD OF TWELVE YEARS



BY MONTH FOR THE YEAR 1986



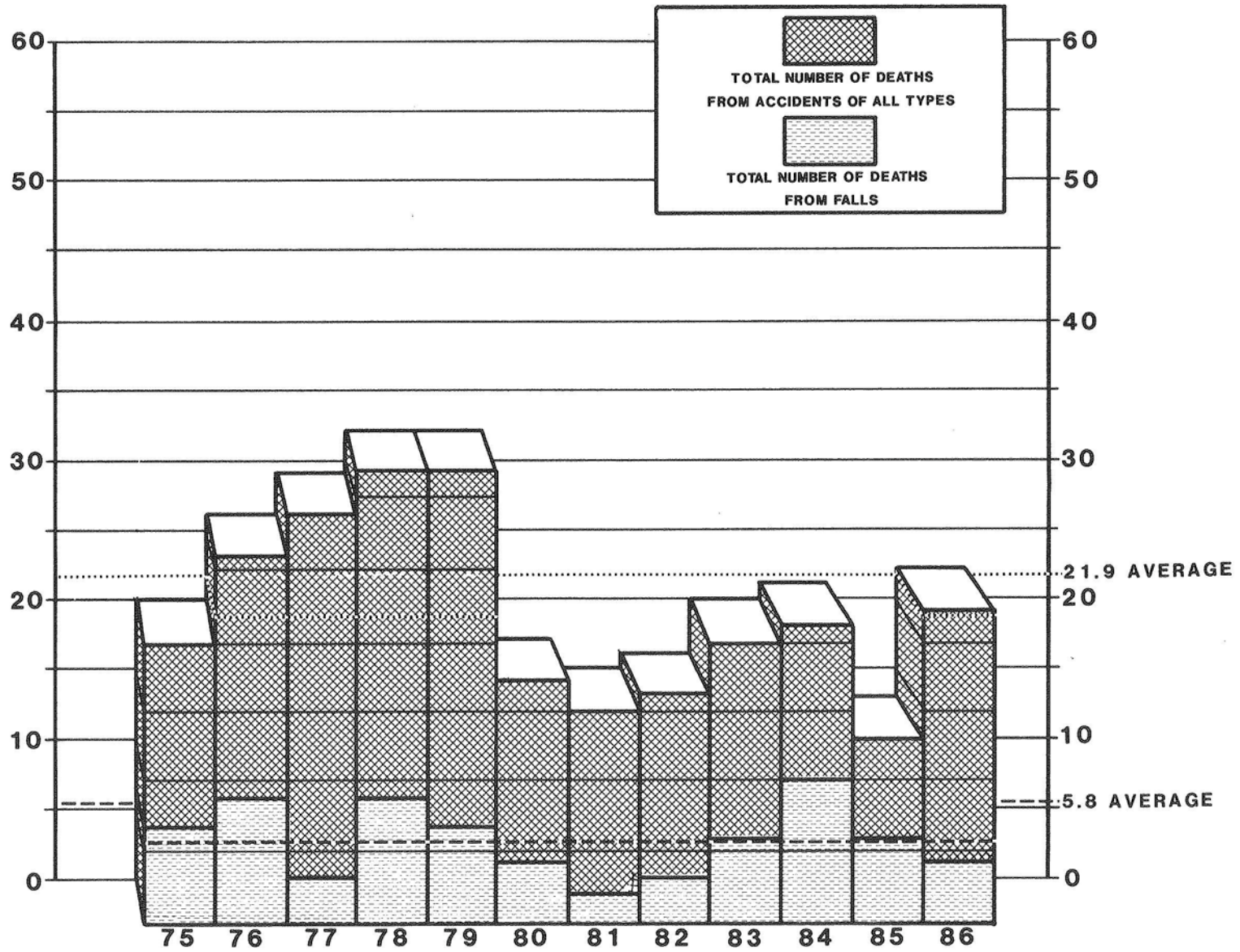
		NUMBER	PERCENT
SEX	MALE	21	95
	FEMALE	1	5
RACE	WHITE	19	86
	NON-WHITE	3	14
ALCOHOL	TESTED	14	64
	POSITIVE	1	7
AUTOPSY	AUTOPSIED	20	91

1986

TOTAL CASES

22

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



FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

MONTHLY ALCOHOL INCIDENCE

TABLE 18

										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	
MONTH	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
JANUARY	1	1		1						1		1																							
FEBRUARY	0																																		
MARCH	1	1				1												1		1															
APRIL	2	2		1		1				1		1						1		1															
MAY	1	1				1				1		1																							
JUNE	2	2				2												2		2															
JULY	1	1		1														1		1															
AUGUST	3	3				1		2		2		2						1		1															
SEPTEMBER	3	2	1	1				1	1	1		1						1	1		1	1											1			
OCTOBER	4	4		2		1		1		1		1						3		3															
NOVEMBER	3	3				3												3		3															
DECEMBER	1	1		1						1						1																			
TOTAL	22	21	1	7		10		4	1	8		7				1		13	1	12	1	1											1			

FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

AGE-RACE-ALCOHOL INCIDENCE

TABLE 19

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

FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

MODE - ALCOHOL INCIDENCE

TABLE 20

		Total		Cleve.		County		Out of County		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	
MODE	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
BURNING	5	4	1	3				1	1	3		2				1		1	1	1	1														
CRUSHING	7	7		3		3		1		2		2						5		5															
DROWNING	2	2		1		1												2		1		1										1			
ELECTROCUTION	2	2				2												2		2															
EXPLOSION	2	2						2		1		1						1		1															
FALLING	4	4				4				2		2						2		2															
TOTAL	22	21	1	7		10		4	1	8		7				1		13	1	12	1	1										1			

FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

MODE - ALCOHOL INCIDENCE

TABLE 21

MODE	TOTAL	Total		Cleve.		County		Out of County		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	M	F	M	F	M	F
BURNING:																																					
Chemical	2	1	1					1	1	1		1							1		1																
Incidental Fire	1	1		1														1		1																
Scalding	2	2		2						2		1				1																				
TOTAL	5	4	1	3				1	1	3		2				1		1	1	1	1															
CRUSHING:																																					
Cave-in	1	1				1												1		1																
Coke guide and Support Beam	1	1		1														1		1																
Rotating Conveyor Tynes	1	1		1														1		1																
Steel and Shield	1	1		1														1		1																
Steel Plates	1	1				1				1		1																								
Truck mast and Automotive Press	1	1						1		1		1																								
Wall	1	1				1												1		1																
TOTAL	7	7		3		3		1		2		2						5		5																
DROWNING:																																					
Sewer	2	2		1		1												2		1		1												1			
TOTAL	2	2		1		1												2		1		1												1			
ELECTROCUTION:																																					
Live Wire	2	2				2												2		2																
TOTAL	2	2				2												2		2																
EXPLOSION:																																					
Chemical	2	2						2		1		1						1		1																
TOTAL	2	2						2		1		1						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	
BURNING													1	1											1		1				1						4	1	5
CRUSHING											2				1		1		2		1																7		7
DROWNING																							1				1										2		2
ELECTROCUTION									1						1																						2		2
EXPLOSION											1		1																								2		2
FALLING																							1				3										4		4
TOTAL									1		3		2	1	2		1		2		1		2		1		5				1						21	1	22

FALLS - ALCOHOL INCIDENCE

TABLE 23

FALLS BY CODE*	TOTAL	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
E 881 - From Ladder	2	2		1		1						1		1																	
E 885 - Same Level	2	2		1		1						1		1																	
TOTAL	4	4		2		2						2		2																	

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

FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

FALLS - AGE GROUPS

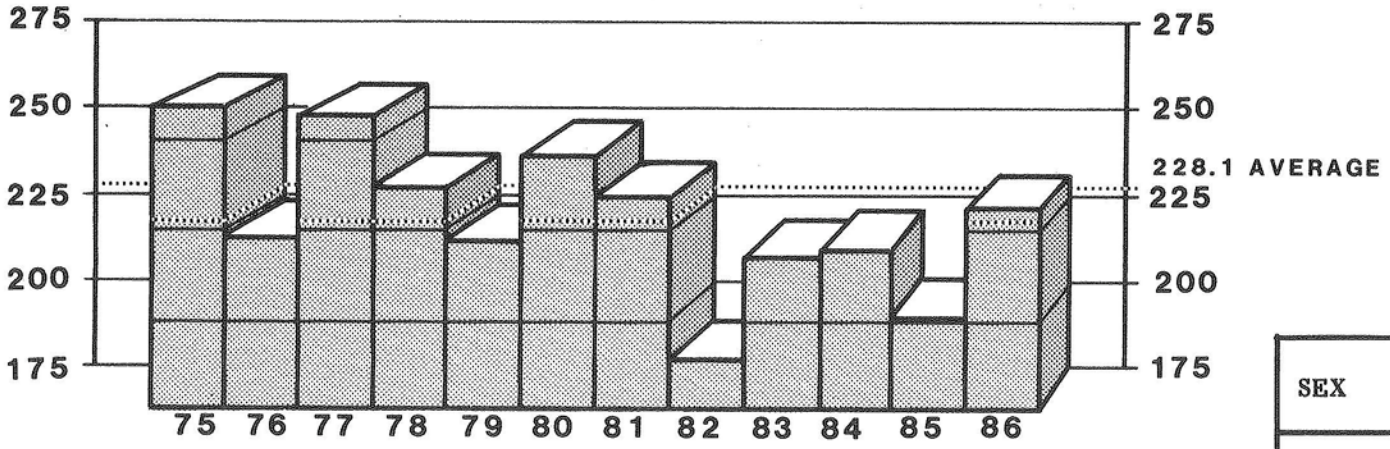
TABLE 24

FALLS BY CODE*	Under 1 Year		1 – 4		5 – 9		10 – 14		15 – 19		20 – 24		25 – 29		30 – 34		35 – 39		40 – 44		45 – 49		50 – 54		55 – 59		60 – 64		65 – 69		70 – 74		75 – 79		80-over		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
E 881 - From Ladder																							1				1										2		2
E 885 - Same Level																											2										2		2
TOTAL																							1				3										4		4

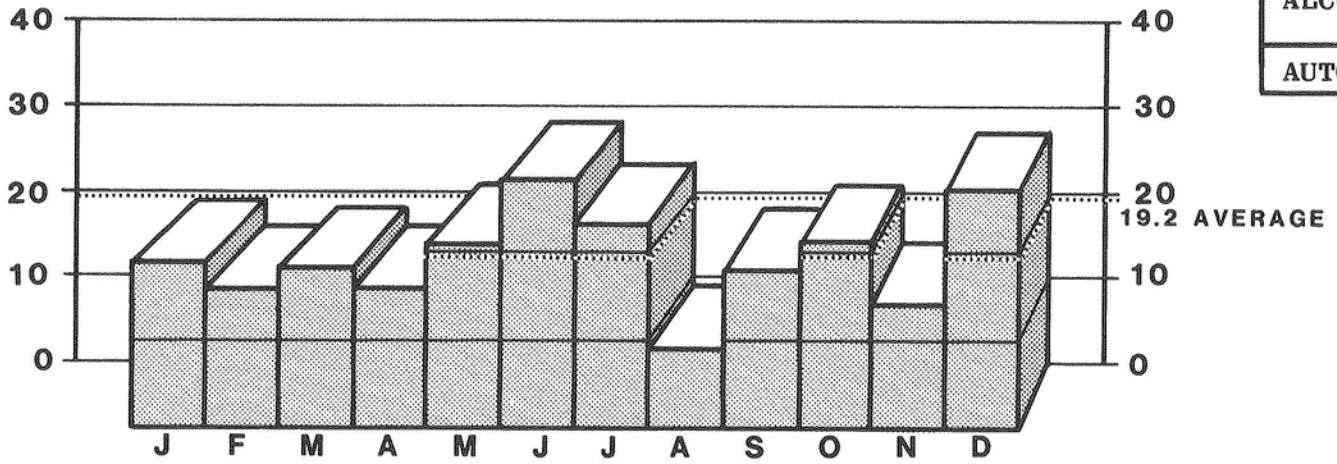
* International Classification of Diseases by World Health Organization: Ninth Revision.

ACCIDENTS IN OTHER PLACES

FOR A PERIOD OF TWELVE YEARS



BY MONTH FOR THE YEAR 1986



		NUMBER	PERCENT
SEX	MALE	122	53
	FEMALE	108	47
RACE	WHITE	186	81
	NON-WHITE	44	19
ALCOHOL	TESTED	56	24
	POSITIVE	12	21
AUTOPSY	AUTOPSIED	73	32

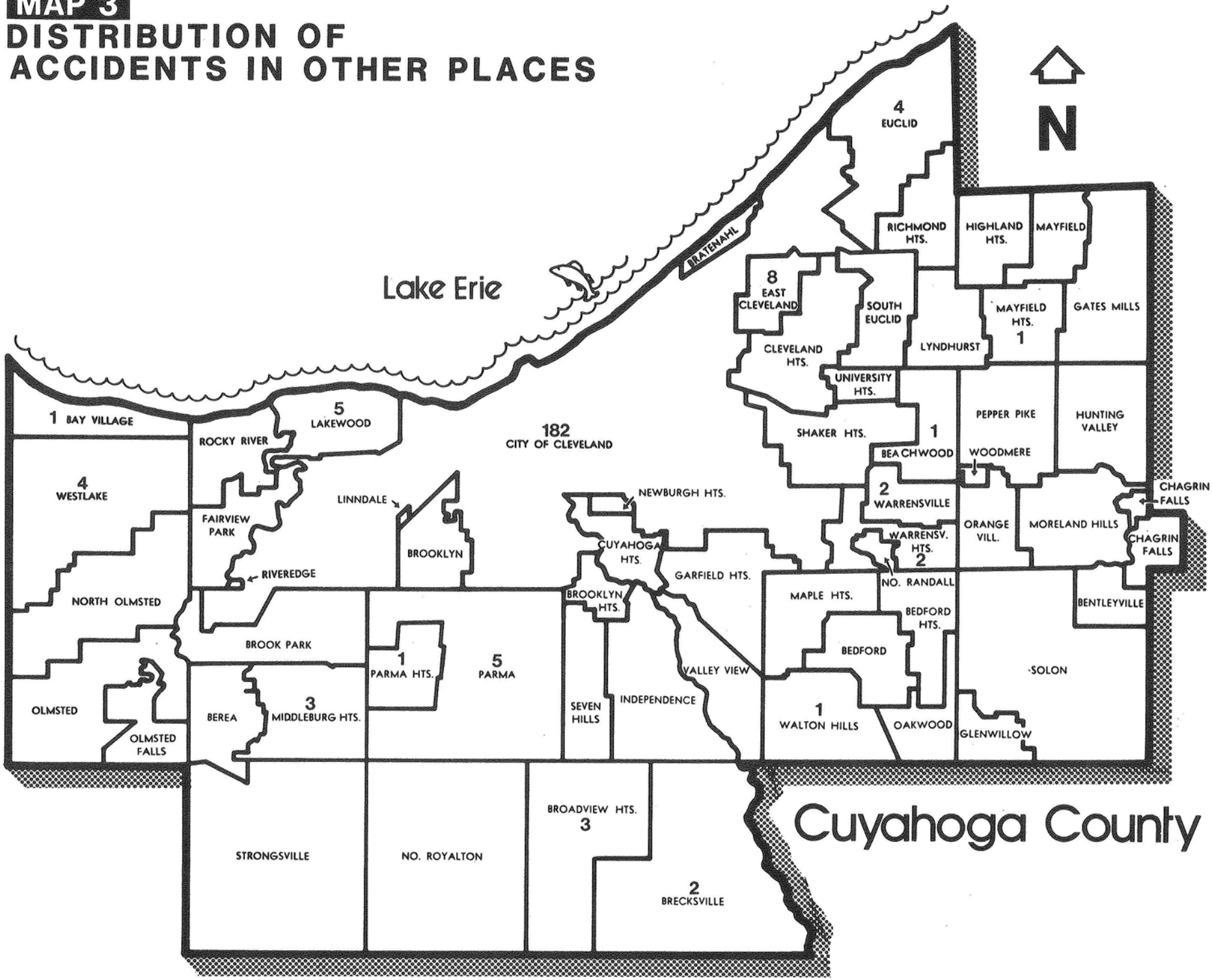
1986

TOTAL CASES

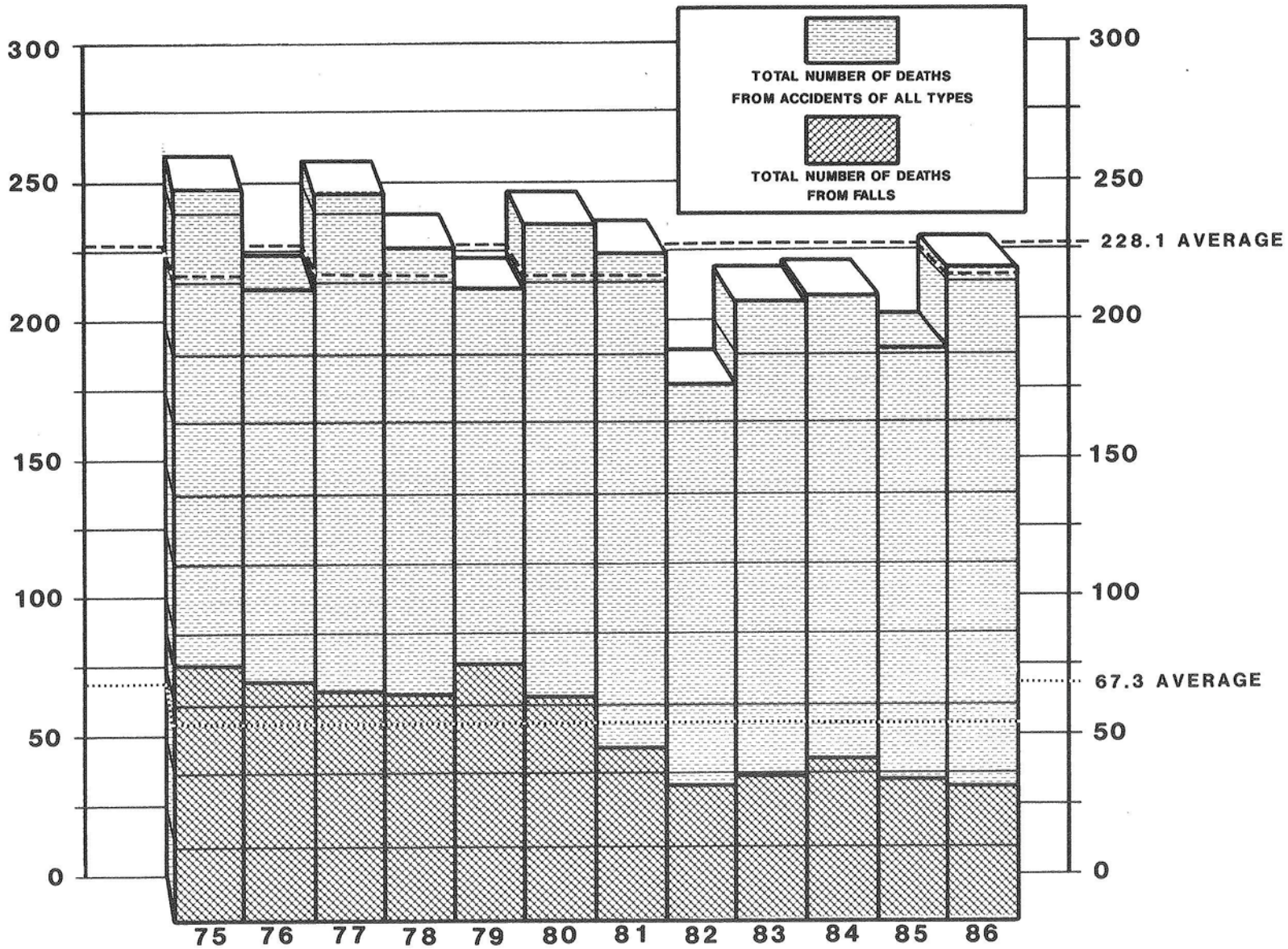
230

MAP 3

DISTRIBUTION OF ACCIDENTS IN OTHER PLACES



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



FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

MONTHLY ALCOHOL INCIDENCE

TABLE 25

										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	
MONTH	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
JANUARY	19	7	12	6	8	1	3		1	4	11	3	7			1	4	3	1	3	1															
FEBRUARY	16	9	7	6	3	3	3		1	7	6	7	6					2	1	1	1	1						1								
MARCH	18	9	9	7	7	2	2			6	7	5	6			1	1	3	2	3	2															
APRIL	16	7	9	7	8		1			5	8	2	5	1	1	2	2	2	1	2	1															
MAY	21	13	8	11	8	2				10	6	8	5			2	1	3	2	2	2	1										1				
JUNE	28	15	13	12	12	3	1			12	11	7	7	1	1	4	3	3	2		2	3							3							
JULY	23	12	11	9	6	2	5	1		6	9	4	7			2	2	6	2	4	1	2	1				1	1				1				
AUGUST	9	4	5	4	4				1	2	5	1	2			1	3	2		2																
SEPTEMBER	18	11	7	11	6		1			10	5	9	5			1		1	2	1	2															
OCTOBER	21	12	9	10	6	2	3			3	9	3	7				2	10		6		3		1		1							1			
NOVEMBER	14	8	6	7	4	1	2			7	4	5	4			1		1	2	1	2	1										1				
DECEMBER	27	15	12	12	8	3	3		1	12	10	9	8			3	2	3	2	3	2															
TOTAL	230	122	108	102	80	19	24	1	4	83	91	63	69	2	2	18	20	39	17	28	16	11	1	1		1	1	2		3		3		1			

FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

AGE-RACE-ALCOHOL INCIDENCE

TABLE 26

AGE	RACE	TOTAL	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	9	6	3	6	3	5	2	1	1																					
	Non-White	1	1		1				1																						
1 – 4	White																														
	Non-White	3	1	2		2		1		1			1		1																
5 – 9	White	1	1		1		1																								
	Non-White	1	1										1		1																
10 – 14	White	1	1										1		1																
	Non-White	1	1										1		1																
15 – 19	White	2	2		1		1						1				1											1			
	Non-White	3	1	2	1	1		1			1			1		1															
20 – 24	White	1	1										1		1																
	Non-White	1	1										1				1							1							
25 – 29	White	6	4	2	2	1	1	1			1		2	1	1		1	1				1			1						
	Non-White	5	4	1	1		1						3	1	2	1	1				1										
30 – 34	White	3	2	1		1		1					2		1		1								1						
	Non-White	1	1										1				1		1												
35 – 39	White	4	3	1	1		1						2	1	2	1															
	Non-White	5	3	2	2	1	2	1					1	1	1	1															
40 – 44	White	3	1	2		1		1					1	1	1	1															
	Non-White	5	3	2	1	1	1	1					2	1	1	1	1						1								
45 – 49	White	9	7	2	5	1	5					1	2	1		1	2										2				
	Non-White	2	2		1		1						1		1																
50 – 54	White	8	5	3	3	3	1	3			2		2		2																
	Non-White	2		2		1		1						1		1															
55 – 59	White	7	3	4	2	4	2	4					1		1																
	Non-White	2	2		1		1						1		1																
60 – 64	White	24	13	11	11	11	8	6			3	5	2		1		1										1				
	Non-White	3	2	1	2		1				1			1		1															
65 – 69	White	34	17	17	13	14	10	10			3	4	4	3	3	3	1						1								
	Non-White	3	3		2		2						1		1																
70 – 74	White	21	11	10	10	8	8	6			2	2	1	2	1	2															
	Non-White	2	1	1	1	1	1	1																							
75 – 79	White	20	8	12	7	11	5	8			2	3	1	1	1	1															
	Non-White	1		1		1		1																							
80 – over	White	33	9	24	8	23	5	18			3	5	1	1	1	1															
	Non-White	3	1	2		2		2					1		1																
TOTAL	White	186	94	92	70	81	53	60	1	1	16	20	24	11	17	10	7	1				1	1		2		3		1		
	Non-White	44	28	16	13	10	10	9	1	1	2		15	6	11	6	4		1		1		1		1						
GRAND TOTAL		230	122	108	83	91	63	69	2	2	18	20	39	17	28	16	11	1	1		1	1	2		3		3		1		

FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

MODE - ALCOHOL INCIDENCE

TABLE 27

										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	
MODE	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
ASPHYXIA	16	14	2	10	1	4	1			4	1	2	1			2		10	1	6	1	4		1				1		1		1			
BURNING	3	2	1	1	1	1												2	1	1	1	1										1			
CRUSHING	1	1				1												1				1				1									
EXPOSURE	3	2	1	2			1											2	1		1	2						1				1			
FALLING	46	20	26	12	10	7	13	1	3	15	23	12	19			3	4	5	3	4	3	1								1					
POISONING	11	9	2	9	1				1	1	1	1	1					8	1	7		1	1				1			1					
STRUCK BY TRAIN	3	3		3														3		2		1											1		
THERAPEUTIC COMPLICATION	146	70	76	64	67	6	9			63	66	48	48	2	2	13	16	7	10	7	10														
UNDETERMINED	1	1		1														1		1															
TOTAL	230	122	108	102	80	19	24	1	4	83	91	63	69	2	2	18	20	39	17	28	16	11	1	1		1	1	2		3		3		1	

FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

MODE - ALCOHOL INCIDENCE

TABLE 28

MODE	TOTAL	Total		Cleve.		County		Out of County		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	M	F	M	F
ASPHYXIA:																																			
Aspiration of Foreign Object	3	2	1		1	2				1	1		1			1		1		1															
Drowning	13	12	1	10		2	1			3		2				1		9	1	5	1	4		1				1		1		1			
TOTAL	16	14	2	10	1	4	1			4	1	2	1			2		10	1	6	1	4		1				1		1		1			
BURNING:																																			
Incidental Fire	3	2	1	1	1	1												2	1	1	1	1									1				
TOTAL	3	2	1	1	1	1												2	1	1	1	1									1				
CRUSHING:																																			
Auto	1	1				1												1				1				1									
TOTAL	1	1				1												1				1				1									
EXPOSURE:																																			
Cold	2	1	1	1			1											1	1		1	1				1									
Heat	1	1		1														1				1								1					
TOTAL	3	2	1	2			1											2	1		1	2				1				1					
STRUCK BY TRAIN:																																			
Employee	1	1		1														1		1															
Trespasser	2	2		2														2		1		1										1			
TOTAL	3	3		3														3		2		1										1			

FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

MODE - ALCOHOL INCIDENCE

TABLE 29

MODE	TOTAL	Total		Cleve.		County		Out of County		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	M	F	M	F
POISONING:																																			
Ethanol, Diazepam and Cannabinoids	1	1		1														1				1								1					
Ethanol, Diazepam, Methadone and Morphine	1		1		1														1				1												
Cocaine	2	2		2														2		2															
Ethylene Glycol	1	1		1														1		1															
Intravenous Drug Abuse	3	2	1	2					1		1		1					2		2															
Tincture of Opium	1	1		1						1		1																							
Cocaine and Opiate	1	1		1														1		1															
Methadone and Morphine	1	1		1														1		1															
TOTAL	11	9	2	9	1				1	1	1	1	1					8	1	7		1	1		1			1							
THERAPEUTIC COMPLICATION:	146	70	76	64	67	6	9			63	66	48	48	2	2	13	16	7	10	7	10														
TOTAL	146	70	76	64	67	6	9			63	66	48	48	2	2	13	16	7	10	7	10														
UNDETERMINED:																																			
Trunk Injury	1	1		1														1		1															
TOTAL	1	1		1														1		1															

FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

MODE - AGE GROUPS

TABLE 30

MODE	Under 1 Year		1 – 4		5 – 9		10 – 14		15 – 19		20 – 24		25 – 29		30 – 34		35 – 39		40 – 44		45 – 49		50 – 54		55 – 59		60 – 64		65 – 69		70 – 74		75 – 79		80-over		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
ASPHYXIA					1		1		2		1		1		1		2		1	1	1		1						1	1	1						14	2	16
BURNING			1																								1			1						2	1	3
CRUSHING													1																								1		1
EXPOSURE																		1			1								1								2	1	3
FALLING													1		1		2										2	3	1	2		2	4	3	9	16	20	26	46
POISONING											1		2	1		1	1		2		1				2												9	2	11
STRUCK BY TRAIN							1		1						1																						3		3
THERAPEUTIC COMPLICATION	7	3		2	1					2			3	2			1	2	1	3	6	2	4	5	3	4	12	9	16	13	11	9	4	10	1	10	70	76	146
UNDETERMINED																													1								1		1
TOTAL	7	3	1	2	2		2		3	2	2		8	3	3	1	6	3	4	4	9	2	5	5	5	4	15	12	20	17	12	11	8	13	10	26	122	108	230

FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

FALLS - ALCOHOL INCIDENCE

TABLE 31

FALLS BY CODE*	TOTAL	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
E 880 - From Stairs	3	2	1	2	1	2					1																				
E 882 - From Building or Other Structure	1	1										1				1								1							
E 884 - From One Level to Another																															
Bed	4		4		4		4																								
Chair	2	1	1	1	1		1			1																					
Embankment	1	1										1		1																	
Scale	1		1		1		1																								
E 885 - On Same Level	26	11	15	10	13	9	12			1	1	1	2	1	2																
E 888 - Unspecified	8	4	4	2	3	1	1			1	2	2	1	2	1																
TOTAL	46	20	26	15	23	12	19			3	4	5	3	4	3	1								1							

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

FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

FALLS - AGE GROUPS

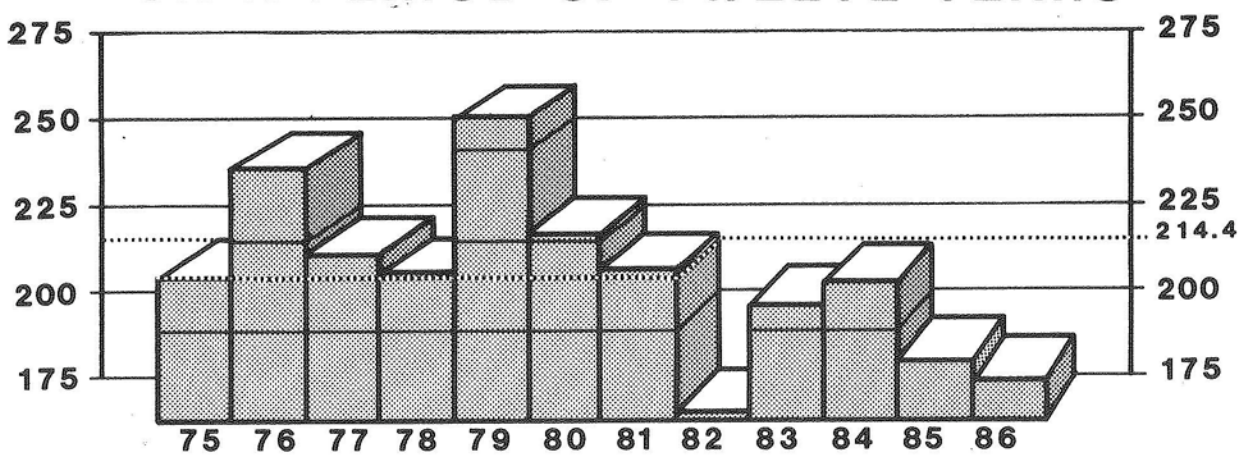
TABLE 32

FALLS BY CODE*	Under 1 Year		1 – 4		5 – 9		10 – 14		15 – 19		20 – 24		25 – 29		30 – 34		35 – 39		40 – 44		45 – 49		50 – 54		55 – 59		60 – 64		65 – 69		70 – 74		75 – 79		80-over		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
E 880 - From Stairs													1														1								1		2	1	3
E 882 - From Building or Other Structure															1																						1		1
E 884 - From One Level to Another																																						
Bed																																1		3		4	4
Chair																																	1	1	1	1	2
Embankment																									1												1		1
Scale																														1						1	1
E 885 - On Same Level																	1								1	1	1	2		1	3	1	5	10	11	15	26
E 888 - Unspecified																	1									1					1	1	2	2	4	4	8
TOTAL													1		1		2								2	3	1	2		2	4	3	9	16	20	26	46

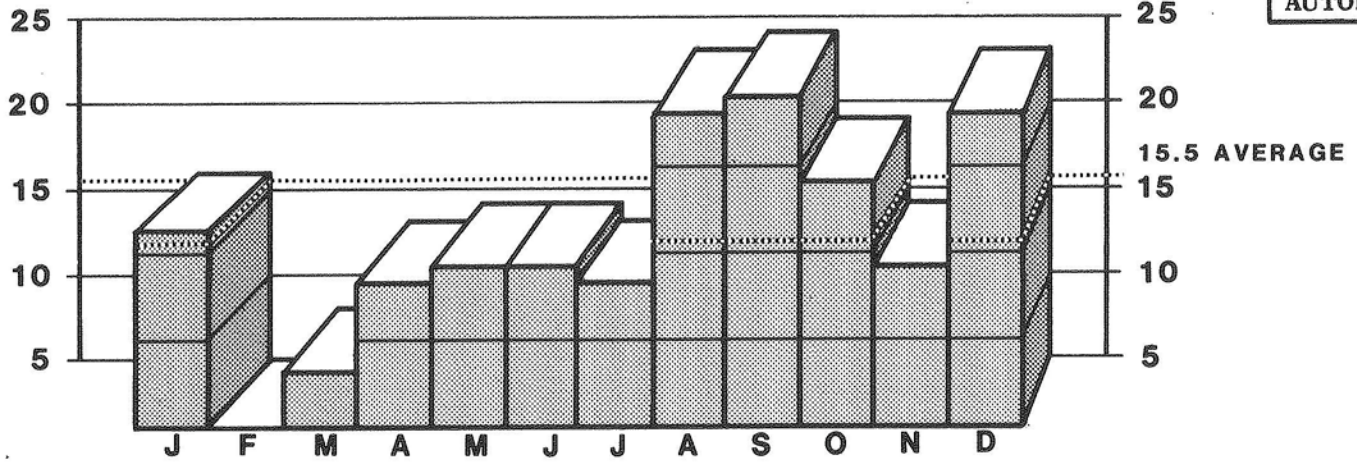
* International Classification of Diseases by World Health Organization: Ninth Revision.

VEHICULAR ACCIDENTS

FOR A PERIOD OF TWELVE YEARS



BY MONTH FOR THE YEAR 1986



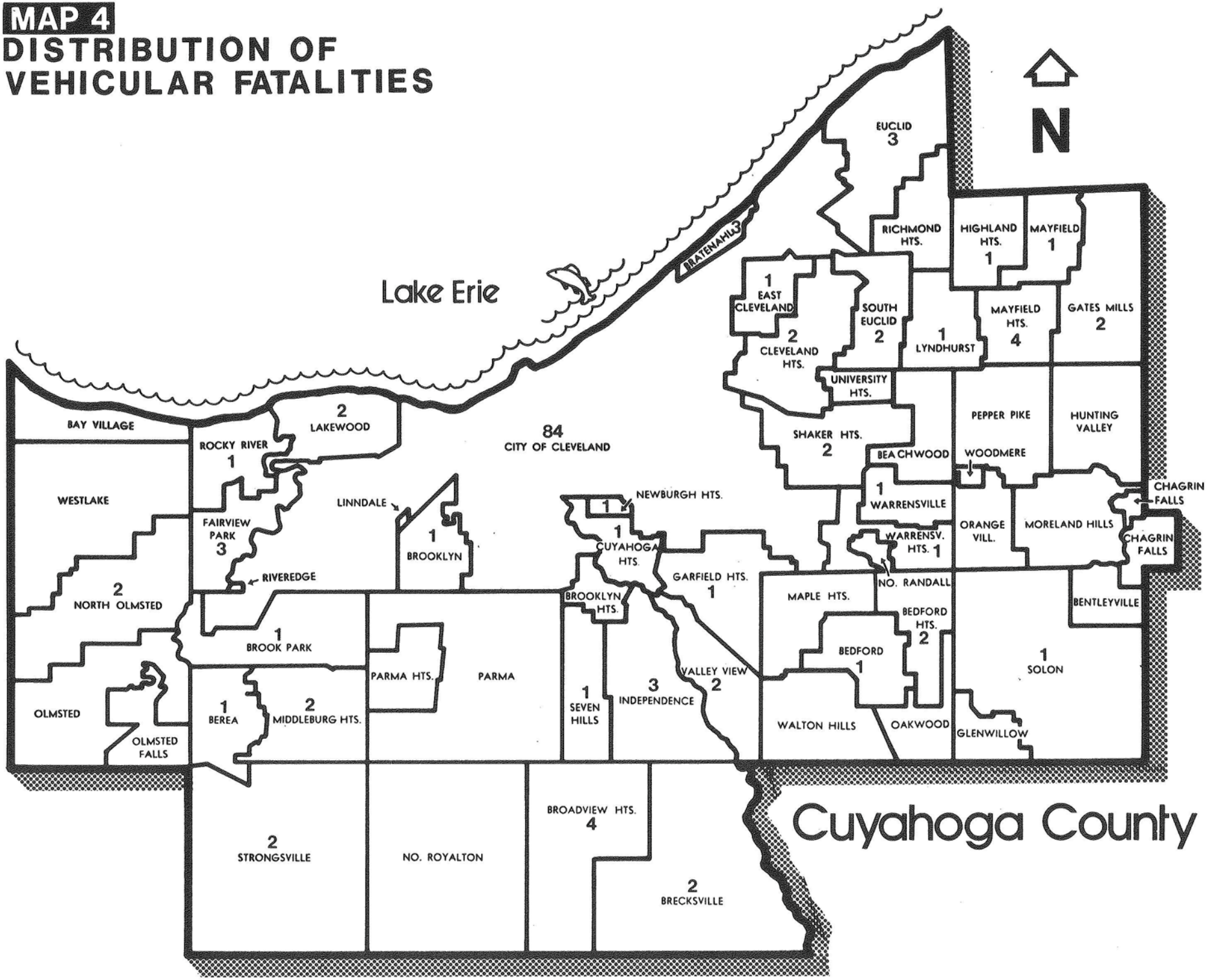
		NUMBER	PERCENT
SEX	MALE	136	73
	FEMALE	50	27
RACE	WHITE	147	79
	NON-WHITE	39	21
ALCOHOL	TESTED	144	77
	POSITIVE	77	53
AUTOPSY	AUTOPSIED	185	99

1986

TOTAL CASES

186

MAP 4
DISTRIBUTION OF VEHICULAR FATALITIES



BLOOD ALCOHOL CONCENTRATION BY WEIGHT

APPROXIMATE PERCENT OF ALCOHOL CONCENTRATION IN BLOOD*

BODY WEIGHT IN POUNDS	1	2	3	4	5	6	7	8	9	10
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

TOTAL NUMBER OF DRINKS**

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

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

PHARMACOLOGICAL EFFECTS OF ALCOHOL

SOMESTHETO–PSYCHIC AREA

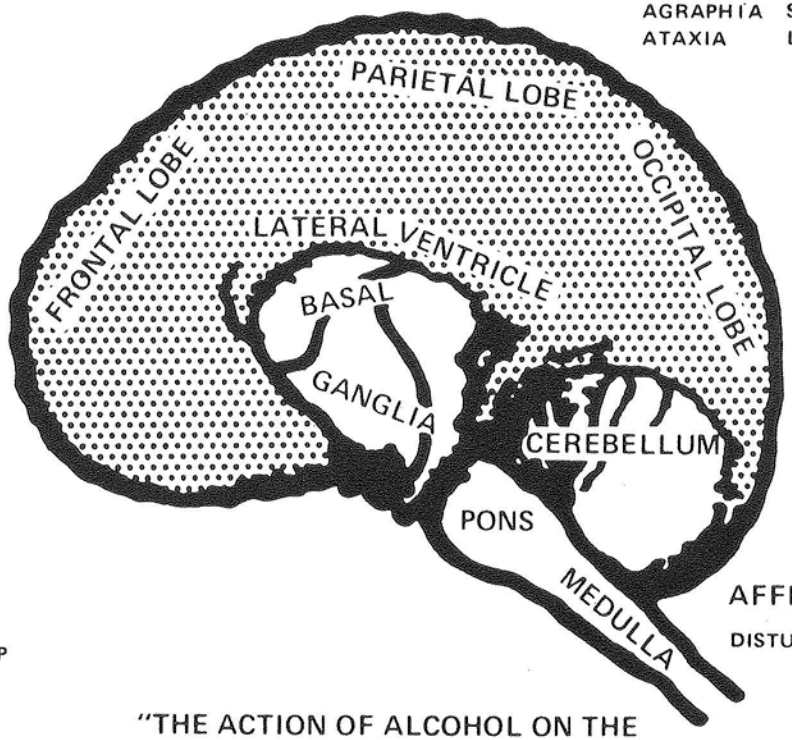
AFFECTED BY 0.10–0.30% ALCOHOL

DULLED OR DISTORTED SENSIBILITIES

PSYCHOMOTOR AREA

AFFECTED BY 0.10–0.20% ALCOHOL

APRAXIA
AGRAPHIA
ATAXIA
TREMORS
SLURRED SPEECH
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

DISTRUBANCE OF:

COLOR PERCEPTION
DIMENSIONS
DIPLOPIA
FORM
MOTION
DISTANCE

CEREBELLUM

AFFECTED BY 0.15–0.35% ALCOHOL

DISTURBANCE OF EQUILIBRIUM

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

DIENCEPHALON

AFFECTED BY 0.25–0.40% ALCOHOL

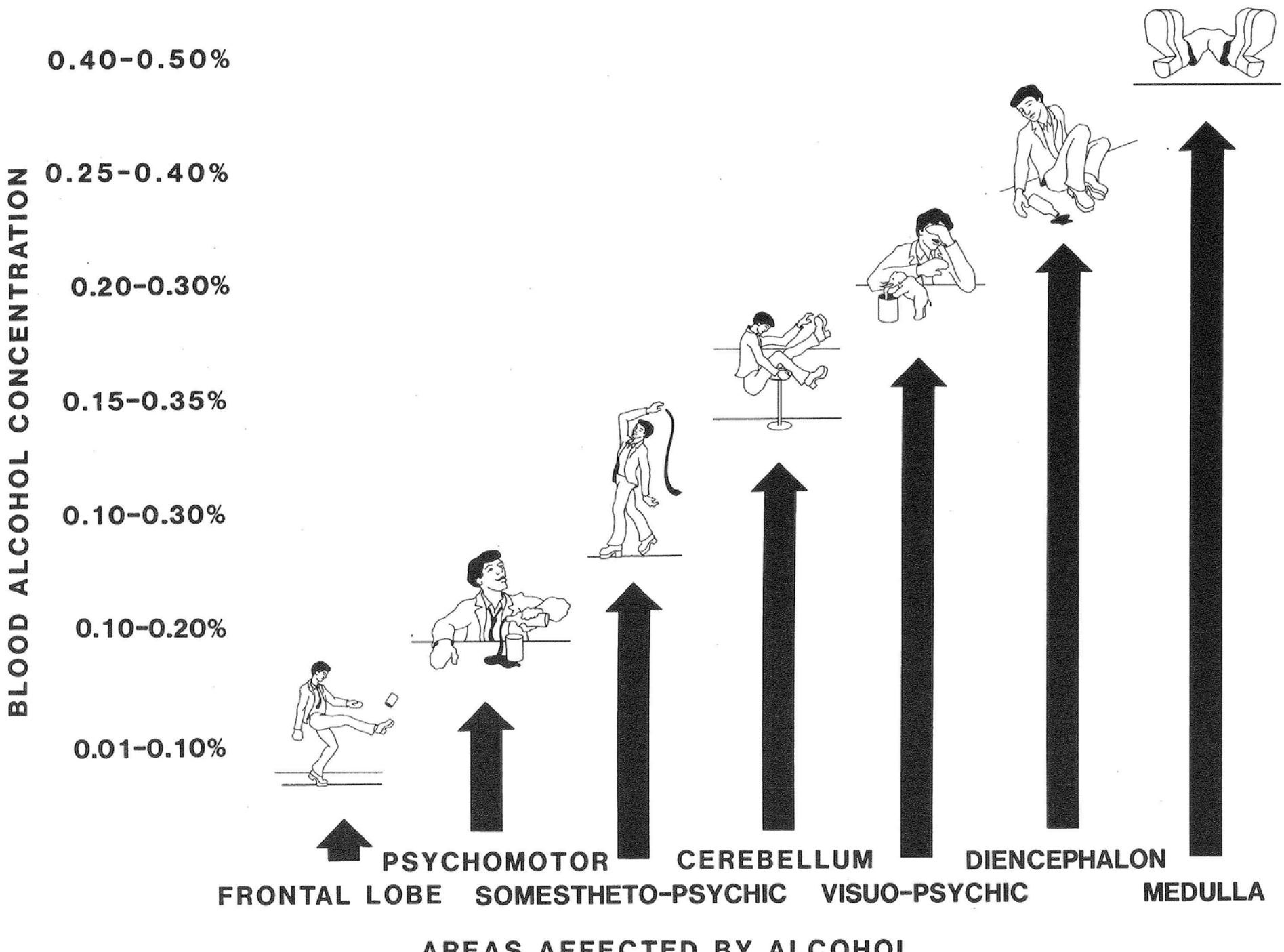
APATHY
INERTIA
TREMORS
CESSATION OF AUTOMATIC MOVEMENTS
SWEATING
DILATION OF SURFACE CAPILLARIES
STUPOR
COMA

MEDULLA

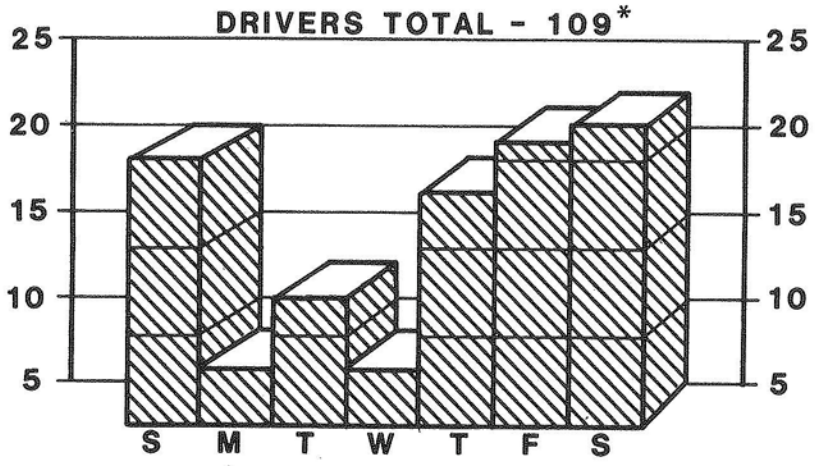
AFFECTED BY 0.40–0.50% ALCOHOL

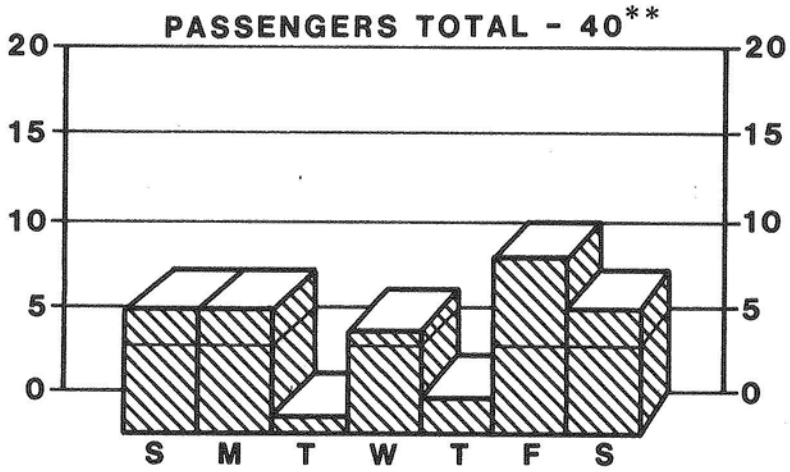
DEPRESSION OF RESPIRATION
PERIPHERAL COLLAPSE
SUBNORMAL TEMPERATURE
DEATH

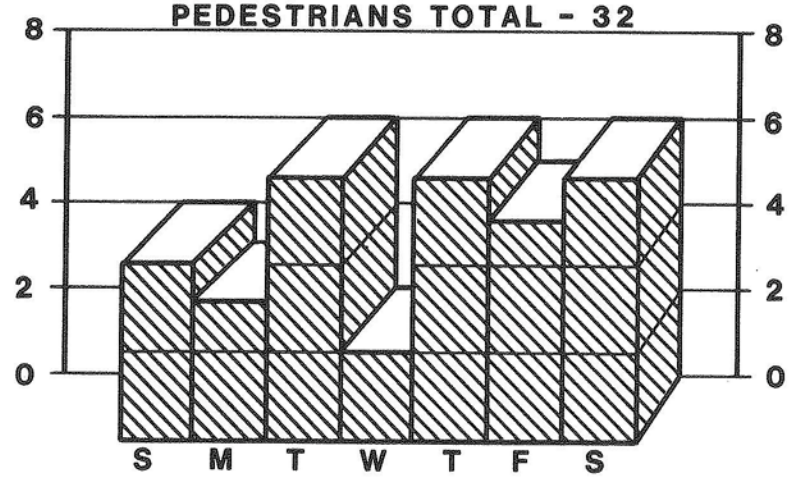
ALCOHOL EFFECTS ON BRAIN DEMONSTRATED PICTORIALLY

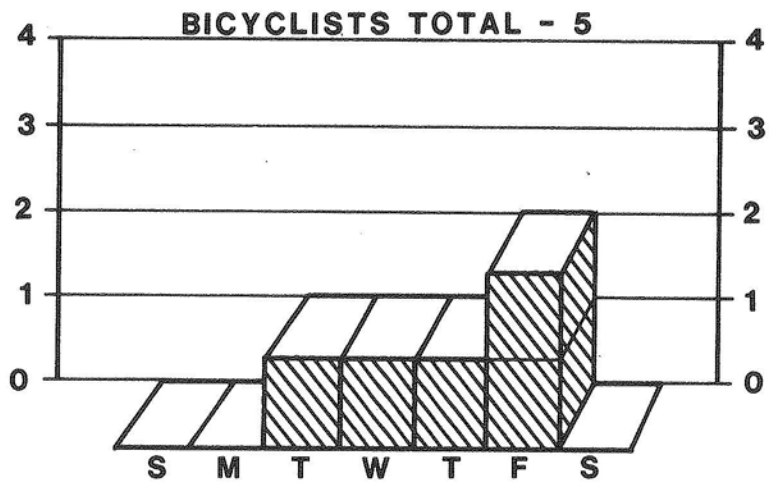


VEHICULAR FATALITIES
DAILY INCIDENCE





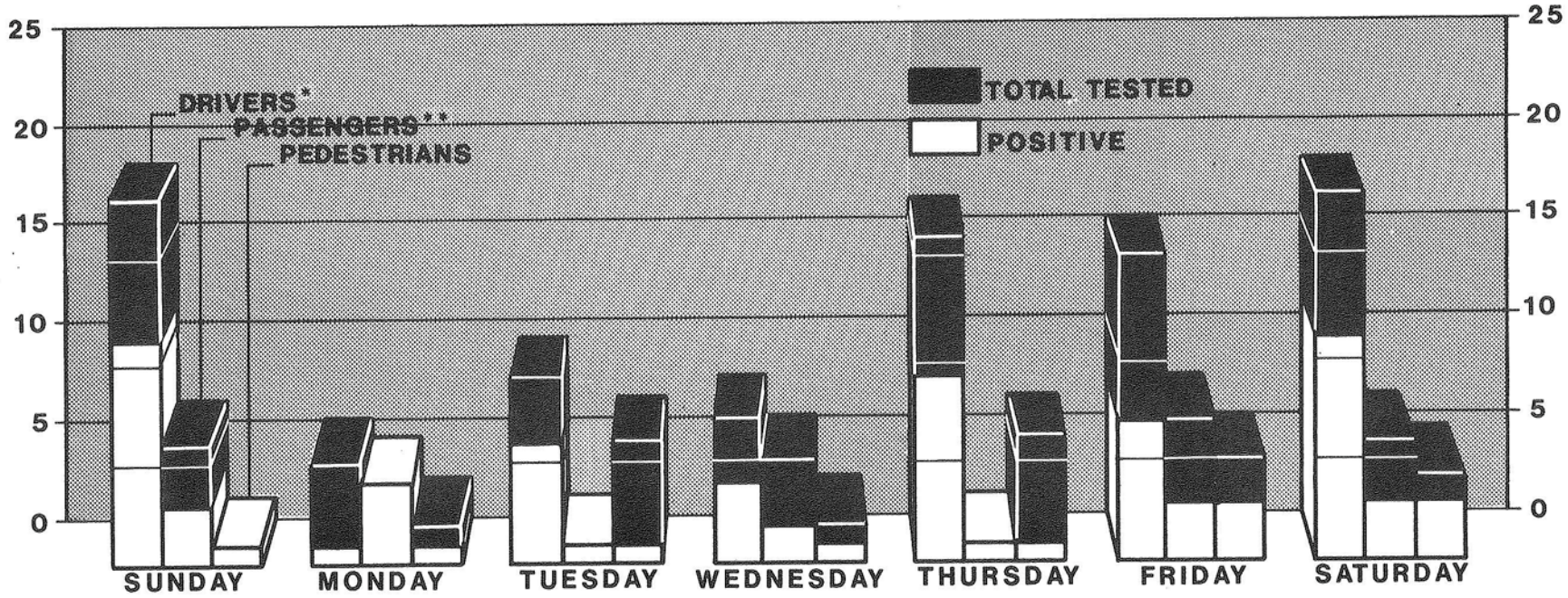




* INCLUDES 29 MOTORCYCLE DRIVERS

** INCLUDES 4 MOTORCYCLE PASSENGERS

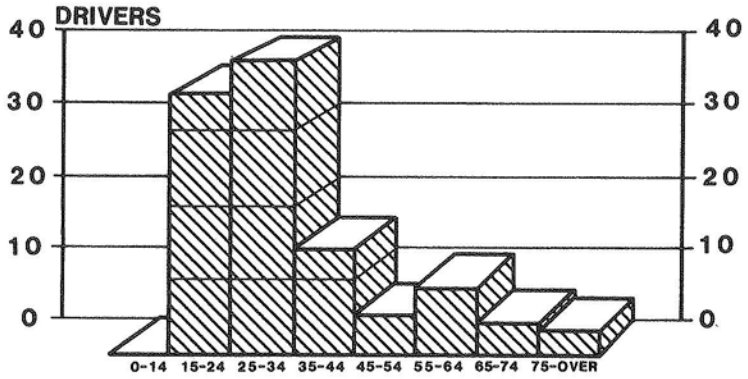
VEHICULAR FATALITIES
DAILY ALCOHOL INCIDENCE

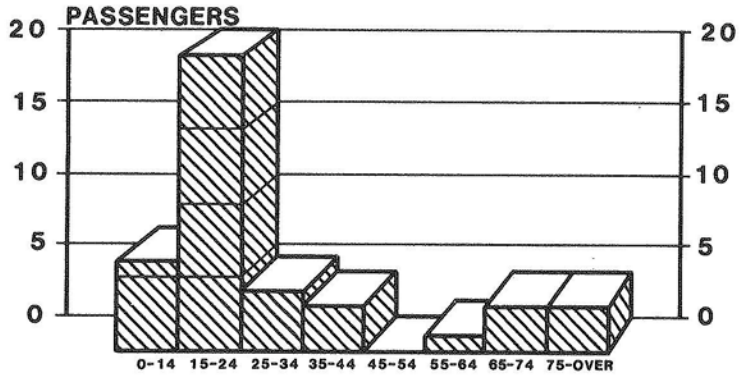


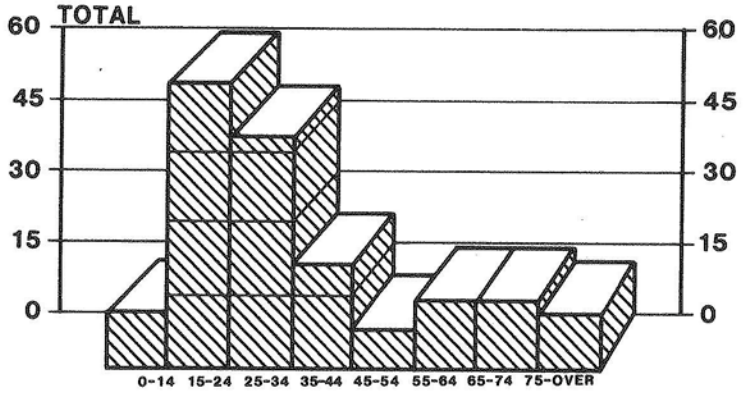
*INCLUDES 29 MOTORCYCLE DRIVERS
*INCLUDES 5 BICYCLE DRIVERS
**INCLUDES 4 MOTORCYCLE PASSENGERS

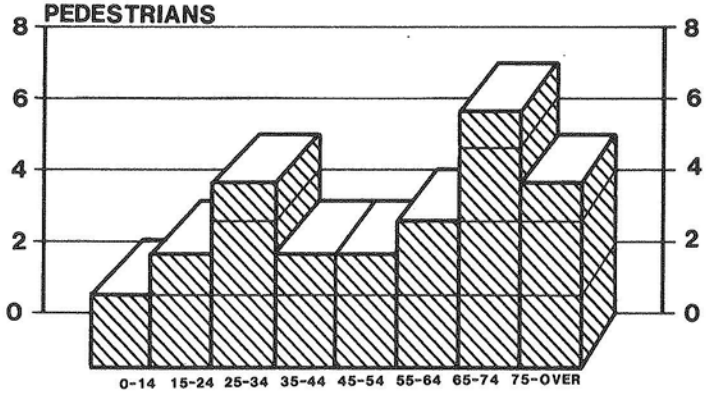
	TESTED	POSITIVE
DRIVERS:	88	49
PASSENGERS:	30	17
PEDESTRIANS:	26	11
TOTAL:	144	77

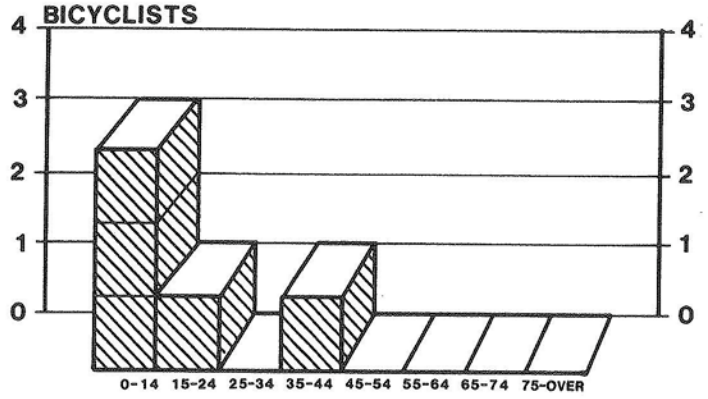
VEHICULAR FATALITIES
AGE GROUPS-CLASSIFICATION OF VICTIMS











VEHICULAR FATALITIES
CLASSIFICATION OF VICTIMS–ALCOHOL INCIDENCE

TABLE 33

CLASSIFICATION	TOTAL	Total		Cleve.		County		Out of County		Turn-pike		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	M	F	M	F	M	F
BICYCLIST	5	5		2		1		2				4		2		2				1		1															
DRIVER*	109	90	19	44	8	28	7	18	4			18	4	15	4			3		72	15	32	6	40	9	1	1	5	1	5		9	2	9	3	7	2	4	
PASSENGER**	40	21	19	5	8	10	6	6	5			4	6	3	2	1	3		1	17	13	4	9	13	4	5		3	2	2	1	2	1	1					
PEDESTRIAN	32	20	12	11	6	4	6	5				5	1	4	1	1				15	11	7	8	8	3			2		2	1	2	1		1	1		1	
TOTAL	186	136	50	62	22	43	19	31	9			31	11	24	7	4	3	3	1	105	39	44	23	61	16	6	1	10	3	9	2	13	4	10	4	8	2	5	

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

MONTHLY ALCOHOL INCIDENCE

TABLE 34

MONTH	TOTAL	Total		Cleve.		County		Out of County		Turn-pike		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	M	F	M	F	M	F
JANUARY	16	10	6	5	3	2	2	3	1			3	3	2	1	1	2			7	3	1	3	6						3		1		1		1			
FEBRUARY	5	3	2	2	1			1	1			1	1	1	1					2	1	1		1	1							1	1						
MARCH	8	4	4	2		1	4	1				2	1	2	1					2	3	2	1		2		1						1						
APRIL	13	8	5	4	1	4	2		2			2	1	2					1	6	4	3	3	3	1			1					1		1	1			
MAY	14	10	4	7	2	1	1	2	1			4	1	3		1	1			6	3	4	1	2	2			1	1							1	1		
JUNE	14	12	2	7	2	4		1				2		1				1		10	2	5	1	5	1							2	1			1		1	
JULY	13	9	4	4	1	4	2	1	1			2	1	2	1					7	3	3	2	4	1					1		1			1			2	
AUGUST	23	15	8	5	5	6	3	4				3	1	2	1			1		12	7	5	5	7	2	1		1				1		4	2				
SEPTEMBER	24	22	2	8	1	8	1	6				3	1	2	1	1				19	1	7		12	1	1		4	1	2		2		2		1			
OCTOBER	19	16	3	5	2	6	1	5				2		1				1		14	3	4		10	3	1		2	1	1	1	3		1	1	1		1	
NOVEMBER	14	10	4	7	1	1	2	2	1			4		4						6	4	1	4	5								2		1		2			
DECEMBER	23	17	6	6	3	6	1	5	2			3	1	2	1	1				14	5	8	3	6	2	2		1		2	1		1					1	
TOTAL	186	136	50	62	22	43	19	31	9			31	11	24	7	4	3	3	1	105	39	44	23	61	16	6	1	10	3	9	2	13	4	10	4	8	2	5	

VEHICULAR FATALITIES

DAILY ALCOHOL INCIDENCE

TABLE 35

				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	
DAY	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
SUNDAY	31	22	9	3	3	1	3	1		1		19	6	7	3	12	3	1		1	3	1		3		3		1		2	
MONDAY	18	16	2	6	1	5	1	1				10	1	5		5	1	2		1		1	1			1					
TUESDAY	20	12	8	4		4						8	8	4	4	4	4			1				2	2	1	2				
WEDNESDAY	17	11	6	2	1	2	1					9	5	3	4	6	1			1		2		2					1	1	
THURSDAY	27	18	9	3	1	2			1	1		15	8	6	6	9	2	1				1		1	1	3	1	3			
FRIDAY	38	31	7	8	3	5	1	2	1	1	1	23	4	11	3	12	1			4		2	1	2		1		2		1	
SATURDAY	35	26	9	5	2	5	1		1			21	7	8	3	13	4	2	1	2		2		3	1	1	1	2	1	1	
TOTAL	186	136	50	31	11	24	7	4	3	3	1	105	39	44	23	61	16	6	1	10	3	9	2	13	4	10	4	8	2	5	

AGE-RACE-ALCOHOL INCIDENCE

TABLE 36

AGE	RACE	TOTAL	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		1		1				1																					
1 – 4	White	4	2	2	2	2			2	2																					
	Non-White																														
5 – 9	White	1	1		1				1																						
	Non-White																														
10 – 14	White	4	3	1	1				1				2	1	2	1															
	Non-White	1	1										1		1																
15 – 19	White	13	7	6	2	1	1	1			1		5	5	1	2	4	3	1		2	1		1		1					1	
	Non-White	3	2	1									2	1		1	2		1						1						
20 – 24	White	35	30	5	6		5				1		24	5	10	2	14	3	2	1	3	1	3		3	1	2		1			
	Non-White	8	5	3	1		1						4	3	3	3	1										1				
25 – 29	White	25	20	5	2	1	2	1					18	4	6	2	12	2			1		2		3	1	3	1	2		1	
	Non-White	7	6	1									6	1	3		3	1					1		1			1			1	
30 – 34	White	10	8	2	1	1	1	1					7	1	1	1	6		2		2				1		1					
	Non-White	6	5	1									5	1	1		4	1			1		1					1			2	
35 – 39	White	7	6	1	1		1						5	1	2		3	1				1					1		2			
	Non-White	9	8	1	1		1						7	1	3	1	4								2		1		1			
40 – 44	White	4	3	1	2		1				1		1	1		1	1												1			
	Non-White	1	1										1				1										1					
45 – 49	White	6	5	1	1		1						4	1	3		1	1					1					1				
	Non-White	1		1										1				1											1			
50 – 54	White	1	1										1				1								1							
	Non-White																															
55 – 59	White	4	3	1	1		1						2	1	2			1						1								
	Non-White	1	1										1				1												1			
60 – 64	White	8	5	3	1	2	1	2					4	1	3		1	1							1					1		
	Non-White	1	1		1		1																									
65 – 69	White	5	2	3		1						1	2	2	1	1	1	1					1			1						
	Non-White																															
70 – 74	White	9	4	5	2	2	2	2					2	3	1	3	1				1											
	Non-White																															
75 – 79	White	5	2	3	2		2							3		3																
	Non-White																															
80 – over	White	6	4	2	3		3						1	2	1	2																
	Non-White																															
TOTAL	White	147	106	41	28	10	21	7	4	2	3	1	78	31	33	18	45	13	5	1	9	3	7	2	9	4	7	2	6	1	2	
	Non-White	39	30	9	3	1	3			1			27	8	11	5	16	3	1		1		2		4		3	2	2	1	3	
GRAND TOTAL		186	136	50	31	11	24	7	4	3	3	1	105	39	44	23	61	16	6	1	10	3	9	2	13	4	10	4	8	2	5	

VEHICULAR FATALITIES

TYPE OF ACCIDENT-ALCOHOL INCIDENCE

TABLE 37

TYPE	TOTAL	Total		Cleve.		County		Out of County		Turn-pike		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	M	F	M	F	M	F
NON-TRAFFIC:																																					
Collision	5	3	2	2			2	1				1	1	1	1					2	1	2	1														
Non-Collision	2	2		1				1												2		1		1						1							
TOTAL	7	5	2	3			2	2				1	1	1	1					4	1	3	1	1						1							
TRAFFIC:																																					
Collision	167	122	45	57	21	39	17	26	7			28	8	21	5	4	2	3	1	94	37	39	21	55	16	4	1	8	3	7	2	13	4	10	4	8	2	5	
Non-Collision	12	9	3	2	1	4		3	2			2	2	2	1		1			7	1	2	1	5		2		2		1								
TOTAL	179	131	48	59	22	43	17	29	9			30	10	23	6	4	3	3	1	101	38	41	22	60	16	6	1	10	3	8	2	13	4	10	4	8	2	5	
TOTALS:																																					
Non-Traffic	7	5	2	3			2	2				1	1	1	1					4	1	3	1	1						1							
Traffic	179	131	48	59	22	43	17	29	9			30	10	23	6	4	3	3	1	101	38	41	22	60	16	6	1	10	3	8	2	13	4	10	4	8	2	5	
TOTAL	186	136	50	62	22	43	19	31	9			31	11	24	7	4	3	3	1	105	39	44	23	61	16	6	1	10	3	9	2	13	4	10	4	8	2	5	

VEHICULAR FATALITIES

NON-TRAFFIC ALCOHOL INCIDENCE

TABLE 38

TYPE	TOTAL	Total		Cleve.		County		Out of County		Turn-pike		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	M	F	M	F	M	F
COLLISION:																																			
Auto-Fixed Object																																			
Driver of auto that struck concrete support base.	1	1		1								1		1																					
Auto-Pedestrian																																			
Struck by auto in parking lot.	1	1						1												1		1													
Struck by auto that was backing up.	1		1				1														1		1												
Lost balance then struck by auto that was backing out of driveway.	1		1				1						1		1																				
Truck-Pedestrian																																			
Struck by truck whose accelerator stuck.	1	1		1																1		1													
NON-COLLISION:																																			
Driver of auto that slid down embankment.	1	1		1																1				1											
Driver of all terrain vehicle over turned.	1	1						1												1		1													
TOTAL	7	5	2	3			2	2				1	1	1	1					4	1	3	1	1						1							

VEHICULAR FATALITIES

TRAFFIC-COLLISION-ALCOHOL INCIDENCE

TABLE 39

TYPE	TOTAL	Total		Cleve.		County		Out of County		Turn-pike		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	M	F	M	F	M	F
PEDESTRIAN																																					
Auto	25	17	8	10	4	4	4	3				5		4		1				12	8	4	6	8	2			2		2		2	1		1	1		1	
Motorcycle	1		1		1																1		1														
Truck	2	1	1		1			1												1	1	1		1						1							
AUTO-AUTO																																					
Driver	17	10	7	5	2	3	3	2	2			3		3						7	7	6	4	1	3		1	1	1				1					
Passenger	8	3	5	1	2	2	3						2		1		1			3	3	2	3	1		1											
AUTO-BICYCLE																																					
Bicyclist	4	4		2		1		1				3		1		2				1		1															
AUTO-BUS																																					
Passenger	1	1						1				1		1																							
AUTO-FIXED OBJECT																																					
Driver	37	28	9	13	4	7	3	8	2			3	4	2	4			1		25	5	4	1	21	4			2		1		5	1	7	1	3	2	3	
Passenger	13	9	4	2	2	5	1	2	1											9	4	1	2	8	2	2		1	1	2		2	1	1					
AUTO-MOTORCYCLE																																					
Motorcyclist	12	12		10		2						3		2				1		9		7		2						1				1			
AUTO-TRAIN																																					
Driver	2	2				2														2				2		1				1							
Passenger	1	1						1				1				1																					
AUTO-TRUCK																																					
Driver	15	13	2	5	1	4	1	4				5		4				1		8	2	4		4	2							2			2	2			
Passenger	6	2	4	1	1		1	1	2			1	2	1			1		1	1	2		2	1				1										
MOTORCYCLE-FIXED OBJECT																																					
Motorcyclist	12	11	1	5	1	6						1		1						10	1	6	1	4						1		1		1			1		
Passenger	3		3		2		1														3		1		2				1		1							
MOTORCYCLE-PEDESTRIAN																																					
Motorcyclist	1	1		1																1		1															
MOTORCYCLE-TRUCK																																					
Motorcyclist	2	2				2														2		1		1									1				
TRUCK-BICYCLE																																					
Bicyclist	1	1						1				1		1																							
TRUCK-FIXED OBJECT																																					
Driver	2	2		1				1				1		1						1				1				1									
TRUCK-TRUCK																																					
Driver	2	2		1		1														2		1		1										1			
TOTAL	167	122	45	57	21	39	17	26	7			28	8	21	5	4	2	3	1	94	37	39	21	55	16	4	1	8	3	7	2	13	4	10	4	8	2	5	

VEHICULAR FATALITIES

TRAFFIC-COLLISION-ALCOHOL INCIDENCE
ALL DRIVERS

TABLE 39A

TYPE	TOTAL	Total		Cleve.		County		Out of County		Turn-pike		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	M	F	M	F	M	F
AUTO-AUTO Driver	17	10	7	5	2	3	3	2	2			3		3						7	7	6	4	1	3		1	1	1				1				
AUTO-BICYCLE Bicyclist	4	4		2		1		1				3		1		2				1		1														
AUTO-FIXED OBJECT Driver	37	28	9	13	4	7	3	8	2			3	4	2	4			1		25	5	4	1	21	4			2		1		5	1	7	1	3	2	3	
AUTO-MOTORCYCLE Motorcyclist	12	12		10		2						3		2				1		9		7		2						1					1		
AUTO-TRAIN Driver	2	2				2														2				2		1					1						
AUTO-TRUCK Driver	15	13	2	5	1	4	1	4				5		4				1		8	2	4		4	2						2			2	2		
MOTORCYCLE-FIXED OBJECT Motorcyclist	12	11	1	5	1	6						1		1						10	1	6	1	4						1		1		1		1	
MOTORCYCLE-PEDESTRIAN Motorcyclist	1	1		1																1		1														
MOTORCYCLE-TRUCK Motorcyclist	2	2				2														2		1		1									1				
TRUCK-BICYCLE Bicyclist	1	1						1				1		1																							
TRUCK-FIXED OBJECT Driver	2	2		1				1				1		1						1				1				1									
TRUCK-TRUCK Driver	2	2		1		1														2		1		1										1			
TOTAL	107	88	19	43	8	28	7	17	4			20	4	15	4	2		3		68	15	31	6	37	9	1	1	4	1	3		9	2	9	3	7	2	4	

VEHICULAR FATALITIES
TRAFFIC-COLLISION-ALCOHOL INCIDENCE
PEDESTRIANS

TABLE 39B

		Total		Cleve.		County		Out of County		Turn-pike		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	
TYPE	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
PEDESTRIAN:																																					
Auto	25	17	8	10	4	4	4	3				5		4		1				12	8	4	6	8	2			2		2		2	1		1	1		1	
Motorcycle	1		1		1																1		1														
Truck	2	1	1		1			1												1	1	1			1					1							
TOTAL	28	18	10	10	6	4	4	4				5		4		1				13	10	5	7	8	3			2		2	1	2	1		1	1		1	

TRAFFIC-COLLISION-ALCOHOL INCIDENCE
PASSENGERS

TABLE 39C

		Total		Cleve.		County		Out of County		Turn-pike		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	
TYPE	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
PASSENGER:																																					
AUTO-AUTO	8	3	5	1	2	2	3						2		1		1			3	3	2	3	1		1											
AUTO-BUS	1	1						1				1		1																							
AUTO-FIXED OBJECT	13	9	4	2	2	5	1	2	1											9	4	1	2	8	2	2		1	1	2		2	1	1					
AUTO-TRAIN	1	1						1				1				1																					
AUTO-TRUCK	6	2	4	1	1		1	1	2			1	2	1			1		1	1	2		2	1				1										
MOTORCYCLE-FIXED OBJECT	3		3		2		1														3		1		2				1		1						
TOTAL	32	16	16	4	7	7	6	5	3			3	4	2	1	1	2		1	13	12	3	8	10	4	3		2	2	2	1	2	1	1					

VEHICULAR FATALITIES

TRAFFIC-NON-COLLISION-ALCOHOL INCIDENCE

TABLE 40

												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	
TYPE	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
Fall from moving vehicle																																					
Motorcycle-Passenger	1	1		1								1		1																							
Motorcycle-Motorcyclist	1	1						1												1		1															
Auto-Passenger	1		1		1								1				1																				
Jumped from moving vehicle																																					
Truck-Passenger	1		1						1												1		1														
Ran off roadway and landed at bottom of ravine																																					
Auto-Driver	1	1				1														1				1						1							
Auto-Passenger	3	3				3														3				3		2		1									
Ran off roadway and overturned																																					
Auto-Driver	2	2		1				1				1		1						1				1				1									
Motorcycle-Passenger	1	1						1												1		1															
Truck-Passenger	1		1						1				1		1																						
TOTAL	12	9	3	2	1	4		3	2			2	2	2	1		1			7	1	2	1	5		2		2		1							

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

TABLE 41

		Total		Cleve.		County		Out of County		Turn-pike		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	
MONTH	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
MAY	2	2		1				1				1		1						1		1															
TOTAL	2	2		1				1				1		1						1		1															

VEHICULAR FATALITIES
WEATHER CONDITIONS-ALCOHOL INCIDENCE

TABLE 42

		Total		Cleve.		County		Out of County		Turn-pike		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	
WEATHER	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
CLEAR	148	116	32	53	18	37	8	26	6			28	8	22	4	3	3	3	1	88	24	39	14	49	10	4		8	2	6	1	10	3	10	3	6	1	5	
CLOUDY	1		1				1														1		1														
FOG	2		2		1		1														2			2			1		1								
RAIN	23	12	11	8	3	1	7	3	1			2	1	1	1	1				10	10	3	6	7	4			1		2	1	2	1		1	2	1		
SNOW	4	3	1	1		1		1	1			1	1	1	1					2		1		1								1						
UNKNOWN	8	5	3			4	2	1	1				1		1					5	2	1	2	4		2		1		1								
TOTAL	186	136	50	62	22	43	19	31	9			31	11	24	7	4	3	3	1	105	39	44	23	61	16	6	1	10	3	9	2	13	4	10	4	8	2	5	

VEHICULAR FATALITIES
ROAD CONDITIONS–ALCOHOL INCIDENCE

TABLE 43

												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	
ROAD	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
DRY	135	106	29	49	17	34	6	23	6			23	7	17	3	3	3	3	1	83	22	36	15	47	7	4		7	2	7		9	1	10	3	5	1	5	
ICE	2		2				1		1				2		2																						
SNOW	3	1	2			1	1		1				1		1					1	1	1	1														
WET	39	23	16	13	5	4	11	6				8	1	7	1	1				15	15	5	6	10	9		1	2	1	1	2	4	3		1	3	1		
UNKNOWN	7	6	1			4		2	1											6	1	2	1	4		2		1		1							
TOTAL	186	136	50	62	22	43	19	31	9			31	11	24	7	4	3	3	1	105	39	44	23	61	16	6	1	10	3	9	2	13	4	10	4	8	2	5	

LIGHT CONDITIONS–ALCOHOL INCIDENCE

TABLE 44

												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	
LIGHT	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
DAWN	3	1	2		1	1			1											1	2	1	1		1						1						
DAY	58	40	18	13	5	11	8	16	5			12	7	8	5	2	1	2	1	28	11	19	8	9	3	1		2		1		3		1	2	1	1		
DUSK	6	6		1		3		2				2				1		1		4		2		2						1						1	
NIGHT WITH STREET LIGHTS	98	75	23	45	16	25	7	5				16	2	15		1	2			59	21	16	10	43	11	5	1	8	3	5	1	8	3	7	2	6	1	4	
NIGHT WITH-OUT STREET LIGHTS	16	13	3	3		3	2	7	1			1		1						12	3	5	2	7	1					2	1	2		2		1			
UNKNOWN	5	1	4				2	1	2				2		2					1	2	1	2															
TOTAL	186	136	50	62	22	43	19	31	9			31	11	24	7	4	3	3	1	105	39	44	23	61	16	6	1	10	3	9	2	13	4	10	4	8	2	5	

VEHICULAR FATALITIES
CLASSIFICATION OF VICTIMS–AGE GROUPS

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	
BICYCLIST			1				2				1								1																5		5
DRIVER									5	1	14	4	13	6	5	1	9		3		3	2			1		4	2	1		1	2	2		1		62	18	80
CYCLIST DRIVER									1	1	9		11		3		2								2												28	1	29
PASSENGER		1	1	2			1		3	3	9	3			2	1	2	1										1		1	1	1		1	1	1	20	16	36
PEDESTRIAN					1		1				2	1	2		2	1	1	1		1	2		1		1	1	2		1	2	2				2		20	7	27
PASSENGER ON MOTORCYCLE								1		2					1															2		2		1	1	8	9
TOTAL		1	2	2	1		4	1	9	7	35	8	26	6	13	3	14	2	4	1	5	2	1		4	1	6	3	2	3	4	5	2	3	4	2	136	50	186

MONTH AND AGE GROUPS

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	
JANUARY		1		1	1						2	1	2				1								1		2	1	1			1		1			10	6	16
FEBRUARY									1	1	1	1					1																				3	2	5
MARCH												1	1												1		1			1	1	2					4	4	8
APRIL											2	2	2		1		1					1					1			1			1			1	8	5	13
MAY			1	1			1		1	1		1	2		1		2		1								1	1								10	4	14
JUNE							1	1		1	2		4		1		3																	1		12	2	14
JULY											2			1	4	1	1		1		1	1											1			9	4	13
AUGUST									2	2	5	2	2	1	2	1			2		1										1	1	1			15	8	23
SEPTEMBER							2			1	5		3		3		2				2		1		2			1			2					22	2	24
OCTOBER									4	1	9			1	1		1	1			1															16	3	19
NOVEMBER											2		4	1				1		1							1			1	1			2		10	4	14
DECEMBER			1						1		5		6	2		1	2									1			1				1	1	17	6	23
TOTAL		1	2	2	1		4	1	9	7	35	8	26	6	13	3	14	2	4	1	5	2	1		4	1	6	3	2	3	4	5	2	3	4	2	136	50	186

AUTOPSIES-VEHICULAR FATALITIES

MONTH AND AGE GROUPS

TABLE 47

MONTH	Under 1 Year		1 – 4		5 – 9		10 – 14		15 – 19		20 – 24		25 – 29		30 – 34		35 – 39		40 – 44		45 – 49		50 – 54		55 – 59		60 – 64		65 – 69		70 – 74		75 – 79		80-over		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
JANUARY		1		1	1						2	1	2				2								1		2		1			1		1			11	5	16
FEBRUARY									1	1		1					1																				2	2	4
MARCH												1	1												1					1	1	1					3	3	6
APRIL									1		2	2	2				1				1						1	1				1					7	6	13
MAY			1	1			1					1	1		1		2		1								1	1		1							8	4	12
JUNE							1	1	1	2	3		4		1		3																	1			14	3	17
JULY											2				5	1	1				1	1										1					9	3	12
AUGUST									1	2	5	2	2	1	1	1			3		1						1					1					14	7	21
SEPTEMBER							2		1	1	4		4	1	4		2				2		1		1						2	1	1				24	3	27
OCTOBER									3	1	10			1	1		1	1			1				1												17	3	20
NOVEMBER									1		2		4	1				1		1							1	1		1					1		9	5	14
DECEMBER			1						1		5		6	2		1	1									1			1		1	1			1	1	17	6	23
TOTAL		1	2	2	1		4	1	10	7	35	8	26	6	13	3	14	2	4	1	5	2	1		4	1	6	3	2	3	4	5	1	3	3	2	135	50	185

VEHICULAR FATALITIES

MAJOR INJURY AND SURVIVAL INTERVAL

TABLE 48

* DOA - Dead on arrival at hospital
** Includes 29 motorcycle drivers
*** Includes 4 passengers on motorcycles

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	5	2	1			2	33	15	9		5	4	11	2	6		2	1	4	1	2			1	53	20	18		7	8
With Fracture of Skull and Body Fractures							1	1																	1	1				
Without Fracture of Skull							3		1			2	2					2	2		1			1	7		2			5
TOTAL	5	2	1			2	37	16	10		5	6	13	2	6		2	3	6	1	3			2	61	21	20		7	13
To Spinal Cord:																														
With Fracture of Vertebra							2	1				1													2	1				1
TOTAL							2	1				1													2	1				1
To Chest:																														
With Fracture of Thoracic Cage							5	1	4																5	1	4			
Without Fracture of Thoracic Cage							2	1	1																2	1	1			
TOTAL							7	2	5																7	2	5			
To Extremities: TOTAL							1					1	1					1							2					2
Multiple Injuries:																														
To Head and Trunk							25	11	10		2	2	8	5	2		1		9	6	3				42	22	15		3	2
To Head, Trunk and Extremities							13	7	5			1	7	1	5			1	13	2	8		1	2	33	10	18		1	4
To Trunk							19	4	11		1	3	5	1	4				2		2				26	5	17		1	3
To Trunk and Extremities													3	1	2				2		1			1	5	1	3			1
TOTAL							57	22	26		3	6	23	8	13		1	1	26	8	14		1	3	106	38	53		5	10
Miscellaneous Injuries: TOTAL							5	3	2				3	3											8	6	2			
GRAND TOTAL	5	2	1				109	44	43		8	14	40	13	19		3	5	32	9	17		1	5	186	68	80		12	26

NOTE: "MAJOR INJURY" signifies most severe injury to which death is attributed and is not to be construed as the only injury.
"MULTIPLE INJURY" signifies those cases in which injury to chest and abdomen or to trunk and extremities was so severe that no one injury could be assigned as the cause of death.
"MISCELLANEOUS INJURY" signifies burns, carbon monoxide intoxication, drowning and traumatic asphyxia.

VEHICULAR FATALITIES

MAJOR INJURY AND SURVIVAL INTERVAL-AGE GROUPS

TABLE 49

AGE	BRAIN						SPINAL CORD					
	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE
Under 1 year	1					1						
1 - 4	4		4									
5 - 9												
10 - 14	4	2	2									
15 - 19	5	3			2							
20 - 24	17	9	4		3	1						
25 - 29	11	4	4		1	2	1	1				
30 - 34	6	2	2		1	1						
35 - 39	2		1			1	1					1
40 - 44	3	1	1			1						
45 - 49	1					1						
50 - 54												
55 - 59	1					1						
60 - 64	2					2						
65 - 69	1		1									
70 - 74	2		1			1						
75 - 79												
80-over	1					1						
TOTAL	61	21	20		7	13	2	1				1

AGE	CHEST						ABDOMEN					
	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE
Under 1 year												
1 - 4												
5 - 9												
10 - 14												
15 - 19												
20 - 24	2		2									
25 - 29	2	1	1									
30 - 34												
35 - 39	2	1	1									
40 - 44												
45 - 49												
50 - 54												
55 - 59												
60 - 64												
65 - 69	1		1									
70 - 74												
75 - 79												
80-over												
TOTAL	7	2	5									

AGE	EXTREMITIES						MULTIPLE INJURIES					
	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE
Under 1 year												
1 - 4												
5 - 9							1		1			
10 - 14							1		1			
15 - 19							10	3	6			1
20 - 24							20	6	10		4	
25 - 29							16	7	9			
30 - 34	1					1	9	5	4			
35 - 39							11	7	3			1
40 - 44							2	1	1			
45 - 49							5	2	3			
50 - 54							1	1				
55 - 59							4	1	3			
60 - 64							7	3	2			2
65 - 69							3	1	2			
70 - 74							7	1	3			3
75 - 79							5		3			2
80-over	1					1	4		2		1	1
TOTAL	2					2	106	38	53		5	10

AGE	MISCELLANEOUS						TOTAL					
	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE
Under 1 year							1					1
1 - 4							4		4			
5 - 9							1		1			
10 - 14							5	2	3			
15 - 19	1	1					16	7	6		2	1
20 - 24	4	4					43	19	16		7	1
25 - 29	2	1	1				32	14	15		1	2
30 - 34							16	7	6		1	2
35 - 39							16	8	5			3
40 - 44							5	2	2			1
45 - 49	1		1				7	2	4			1
50 - 54							1	1				
55 - 59							5	1	3			1
60 - 64							9	3	2			4
65 - 69							5	1	4			
70 - 74							9	1	4			4
75 - 79							5		3			2
80-over							6		2		1	3
TOTAL	8	6	2				186	68	80		12	26

VEHICULAR FATALITIES

MAJOR INJURY AND SURVIVAL INTERVAL–AGE GROUPS

DRIVER

TABLE 50

	BRAIN						SPINAL CORD						CHEST						ABDOMEN						EXTREMITIES						MULTIPLE INJURIES						MISCELLANEOUS						TOTAL					
AGE	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	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
Under 1 year																																																
1 - 4																																																
5 - 9																																																
10 - 14																																																
15 - 19	3	2			1																										4	1	2			1	1	1					8	4	2		1	1
20 - 24	13	8	3		2								2		2																11	3	6		2		1	1					27	12	11		4	
25 - 29	11	4	4		1	2	1	1					2	1	1																14	7	7				2	1	1				30	14	13		1	2
30 - 34	4	1	2		1																				1					1	4	2	2										9	3	4		1	1
35 - 39	1					1	1					1	2	1	1																7	5	1			1							11	6	2			3
40 - 44	2	1	1																												1		1										3	1	2			
45 - 49																															4	1	3				1		1				5	1	4			
50 - 54																																																
55 - 59	1					1																									2		2										3		2			1
60 - 64	1					1																									5	3	1			1							6	3	1			2
65 - 69													1		1																												1		1			
70 - 74	1					1																									2		1			1							3		1			2
75 - 79																															2					2							2					2
80 - over																															1				1								1				1	
TOTAL	37	16	10		5	6	2	1				1	7	2	5										1					1	57	22	26		3	6	5	3	2				109	44	43		8	14

VEHICULAR FATALITIES

MAJOR INJURY AND SURVIVAL INTERVAL-AGE GROUPS
PASSENGER

TABLE 51

AGE	BRAIN						SPINAL CORD						CHEST						ABDOMEN						EXTREMITIES						MULTIPLE INJURIES						MISCELLANEOUS						TOTAL					
	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE
Under 1 year	1					1																																					1					1
1 - 4	3		3																																								3		3			
5 - 9																																																
10 - 14	1		1																												1		1										2		2			
15 - 19	2	1			1																										6	2	4										8	3	4		1	
20 - 24	3	1	1		1																										6	3	2		1		3	3					12	7	3		2	
25 - 29																																																
30 - 34	1					1																									3	1	2										4	1	2			1
35 - 39	1		1																												2	1	1										3	1	2			
40 - 44																																																
45 - 49																																																
50 - 54																																																
55 - 59																																																
60 - 64	1					1																																					1					1
65 - 69																															1	1											1	1				
70 - 74																															2		1			1							2		1			1
75 - 79																															1		1										1		1			
80 - over																									1					1	1		1										2		1			1
TOTAL	13	2	6		2	3																			1					1	23	8	13		1	1	3	3					40	13	19		3	5

VEHICULAR FATALITIES

MAJOR INJURY AND SURVIVAL INTERVAL-AGE GROUPS
PEDESTRIAN

TABLE 52

AGE	BRAIN						SPINAL CORD					
	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE
Under 1 year												
1 - 4												
5 - 9												
10 - 14	1		1									
15 - 19												
20 - 24												
25 - 29												
30 - 34	1	1										
35 - 39												
40 - 44												
45 - 49	1					1						
50 - 54												
55 - 59												
60 - 64												
65 - 69	1		1									
70 - 74	1		1									
75 - 79												
80 - over	1					1						
TOTAL	6	1	3			2						

AGE	CHEST						ABDOMEN					
	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE
Under 1 year												
1 - 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												

AGE	EXTREMITIES						MULTIPLE INJURIES					
	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE
Under 1 year												
1 - 4												
5 - 9							1		1			
10 - 14												
15 - 19												
20 - 24							3		2		1	
25 - 29							2		2			
30 - 34							2	2				
35 - 39							2	1	1			
40 - 44							1	1				
45 - 49							1	1				
50 - 54							1	1				
55 - 59							2	1	1			
60 - 64							2		1			1
65 - 69							2		2			
70 - 74							3	1	1			1
75 - 79							2		2			
80 - over							2		1			1
TOTAL							26	8	14		1	3

AGE	MISCELLANEOUS						TOTAL					
	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE
Under 1 year												
1 - 4												
5 - 9							1		1			
10 - 14							1		1			
15 - 19												
20 - 24							3		2		1	
25 - 29							2		2			
30 - 34							3	3				
35 - 39							2	1	1			
40 - 44							1	1				
45 - 49							2	1				1
50 - 54							1	1				
55 - 59							2	1	1			
60 - 64							2		1			1
65 - 69							3		3			
70 - 74							4	1	2			1
75 - 79							2		2			
80 - over							3		1			2
TOTAL							32	9	17		1	5

VEHICULAR FATALITIES

MAJOR INJURY AND SURVIVAL INTERVAL-AGE GROUPS

BICYCLIST

TABLE 53

AGE	BRAIN						TOTAL					
	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 – 24 HOURS	1 – 7 DYAS	8 DAYS OR MORE
1 – 4	1		1				1		1			
10 – 14	2	2					2	2				
20 – 24	1					1	1					1
40 – 44	1					1	1					1
TOTAL	5	2	1			2	5	2	1			2

VEHICULAR FATALITIES

GEOGRAPHICAL LOCATION–TYPE OF ACCIDENT
CLASSIFICATION OF VICTIMS

TABLE 54

CITIES	AUTO														MOTORCYCLE						TRUCK						NON-COLLISION				TOTAL								GRAND TOTAL
	AUTO		BICYCLE		FIXED OBJECT		MOTORCYCLE		PEDESTRIAN		TRAIN		TRUCK		FIXED OBJECT		PEDESTRIAN		TRUCK		FIXED OBJECT		PEDESTRIAN		TRUCK		AUTO		MOTORCYCLE		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	M	F	M	F	M	F	M	F	
Cleveland																																							
Bicyclist			2																																		2		2
Driver	5	2			14	4							5	1							1				1		2				28	7							35
Passenger	1	2			1	2							1	1		2					1							1	1				5	8					13
Pedestrian	10	4																1					1	1											11	6			17
Motorcyclist							10								5	1	1														16	1							17
Bedford																																							
Pedestrian									1																										1				1
Bedford Heights																																							
Driver														1																		1							1
Passenger																1																	1						1
Berea																																							
Motorcyclist																			1												1								1
Brecksville																																							
Driver					1																										1								1
Pedestrian										1																										1				1
Broadview Heights																																							
Driver																											1				1								1
Passenger																											3						3						3
Brooklyn																																							
Driver						1																										1							1
Brook Park																																							
Driver											1																				1								1
Cleveland Heights																																							
Driver		1											1																		1	1							2
East Cleveland																																							
Passenger					1																												1						1
Euclid																																							
Driver						1																										1							1
Passenger	1																																1						1
Motorcyclist																		1													1								1
Fairview Park																																							
Driver					1	1																										1	1						2
Motorcyclist															1																1								1
Garfield Heights																																							
Driver					1																										1								1
subtotal	17	9	2		19	9	10		1	1	1		7	3	6	4	1	1	2		2		1	1	1		6	1	1		53	13	10	9	12	7	2		106

VEHICULAR FATALITIES
GEOGRAPHICAL LOCATION–TYPE OF ACCIDENT
CLASSIFICATION OF VICTIMS

TABLE 54 cont.

CITIES	AUTO														MOTORCYCLE						TRUCK						NON-COLLISION				TOTAL								TOTAL GRAND
	AUTO		BICYCLE		FIXED OBJECT		MOTORCYCLE		PEDESTRIAN		TRAIN		TRUCK		FIXED OBJECT		PEDESTRIAN		TRUCK		FIXED OBJECT		PEDESTRIAN		TRUCK		AUTO		MOTORCYCLE		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	M	F	M	F	M	F	M	F	
Highland Heights																																							
Driver.		1																														1							1
Independence																																							
Driver																				1											1								1
Pedestrian										1																										1			1
Motorcyclist															1																1								1
Lakewood																																							
Driver					1																										1								1
Pedestrian										1																										1			1
Lyndhurst																																							
Pedestrian										1																										1			1
Mayfield Heights																																							
Passenger		1			2	1																											2	2					4
Middleburg Heights																																							
Driver	1																														1								1
Motorcyclist															1																1								1
North Olmsted																																							
Driver													1																		1								1
Pedestrian										1																										1			1
Parma																																							
Driver		1									1																				1	1							2
Passenger		1																																1					1
Pedestrian										1																										1			1
Rocky River																																							
Pedestrian									1																										1					1
Seven Hills																																							
Passenger													1																					1						1
Shaker Heights																																							
Passenger	1																																1						1
Pedestrian									1																										1					1
Solon																																							
Pedestrian									1																										1					1
South Euclid																																							
Bicyclist			1																																		1			1
Driver					1																										1								1
Strongsville																																							
Driver					1								1																		2								2
Warrensville Heights																																							
Driver	1																														1								1
TOTAL	20	13	3		24	10	10		4	6	2		9	4	8	4	1	1	2		2		1	1	2		6	1	1		64	15	13	13	15	12	3		135

VEHICULAR FATALITIES

GEOGRAPHICAL LOCATION–TYPE OF ACCIDENT
CLASSIFICATION OF VICTIMS

TABLE 55

VILLAGES AND TOWNSHIPS	AUTO								MTC.		TOTAL						GRAND TOTAL
	AUTO		FIXED OBJECT		MOTORCYCLE		TRUCK		FIXED OBJECT		DRIVER		PASSENGER		PEDESTRIAN		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
VILLAGES:																	
Bratenahl																	
Driver			1								1						1
Passenger			1										1				1
Motorcyclist			1								1						1
Cuyahoga Heights																	
Motorcyclist									1		1						1
Gates Mills																	
Passenger			1										1				1
Motorcyclist					1						1						1
Mayfield																	
Motorcyclist					1						1						1
Newburgh Heights																	
Motorcyclist									1		1						1
Valley View																	
Driver	1										1						1
Passenger		1												1			1
TOWNSHIP:																	
Warrensville																	
Driver							1				1						1
TOTAL	1	1	4		2		1		2		8		2	1			11

VEHICULAR FATALITIES

GEOGRAPHICAL LOCATION–TYPE OF ACCIDENT

CLASSIFICATION OF VICTIMS

TABLE 56

OUT OF COUNTY	AUTO														TRUCK						NON-COLLISION						TOTAL								GRAND TOTAL
	AUTO		BICYCLE		BUS		FIXED OBJECT		PEDESTRIAN		TRAIN		TRUCK		BICYCLE		FIXED OBJECT		PEDESTRIAN		AUTO		MOTORCYCLE		TRUCK		BICYCLE		DRIVER		PASSENGER		PEDESTRIAN		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
BICYCLE			1												1												2								2
DRIVER	2	2					8	2					4				1				1								16	4					20
MOTORCYCLIST																							2						2						2
PASSENGER					1		2	1			1		1	2											1	2					6	5			11
PEDESTRIAN									4										1														5		5
TOTAL	2	2	1		1		10	3	4		1		5	2	1		1		1		1		2		1	2	2		18	4	6	5	5		40

VEHICULAR FATALITIES

HOURLY-DAILY-ALCOHOL INCIDENCE
ALL CASES

TABLE 57

HOURS OF THE DAY	SUNDAY						MONDAY						TUESDAY						WEDNESDAY						THURSDAY						FRIDAY						SATURDAY						TOTALS						GRAND TOTAL
	TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
12 AM																									2		2		1		2	2	2	1	1	1	1						5	2	4	1	2	1	7
1 AM													2	1	1	1	1	1	3		3		2		1	1		1			3		3		1		4	1	4	1	3	1	13	3	11	3	7	2	16
2 AM	4	1	4	1	3	1	5		5		4														2		2		2								1	1	1	1	1	1	12	2	12	2	10	2	14
3 AM	5	1	5	1	5	1							1		1		1		2		2		1		2	2	2	2	2	2	5		4		3		5	1	5	1	2	1	20	4	19	4	14	4	24
4 AM	3		2		1																				1		1		1		1		1		1		2	1	2	1	2		7	1	6	1	5		8
5 AM														1		1		1																			1	1	1	1	1		1	2	1	2	1	1	3
6 AM																															2		2										2		2				2
7 AM																																																	
8 AM		1		1			2		2				1		1										1		1				2												6	1	4	1			7
9 AM	1		1		1																																						1		1		1		1
10 AM																			1		1		1		1		1				1	1	1										3	1	3		1		4
11 AM		1											2		1																	1												2	2	1				4
TOTAL AM	13	4	12	3	10	2	7		7		4		6	2	4	2	2	2	6		6		4		10	3	9	3	6	2	16	4	13	1	6	1	14	5	13	5	9	3	72	18	64	14	41	10	90
12 PM		2		1										1		1		1		1		1		1	1																		1	4		3		2	5
1 PM																										2		1																2		1			2
2 PM													1		1					1		1				1		1			1		1		1								2	2	2	2	1		4
3 PM	1		1																																								1		1				1
4 PM							2							1		1			1	1		1			2		2		2		1		1			1	1	1					7	3	4	2	2		10
5 PM		1		1																1		1			1						4		2		1		1		1				6	2	3	2	1		8
6 PM							2		1				1	1	1	1	1			1		1									3	1	2	1			1		1				7	3	5	3	1		10
7 PM		1						1						1		1			1		1		1			1		1			1		1				2		1		1		3	5	2	3	2		8
8 PM	3		3											1		1			2		2		1		1		1		1								2	1	1				9	2	7	1	2		11
9 PM	1						3	1	1	1		1	1	1	1	1	1	1													3		3		3		2	1	1	1	1	1	10	3	6	3	5	3	13
10 PM	2		1										1												2	1	2	1									1						6	1	3	1			7
11 PM	2	1	2	1	2	1	2		1		1		2		1				1	1					1	1	1	1	1		2	1	1	1	1		2	1	2	1	2		12	5	8	4	6	1	17
TOTAL PM	9	5	7	3	2	1	9	2	3	1	1	1	6	6	4	6	2	2	5	6	3	5	2	1	8	6	6	5	3		15	3	10	3	6		12	4	8	2	4	1	64	32	41	25	20	6	96
GRAND TOTAL	22	9	19	6	12	3	16	2	10	1	5	1	12	8	8	8	4	4	11	6	9	5	6	1	18	9	15	8	9	2	31	7	23	4	12	1	26	9	21	7	13	4	136	50	105	39	61	16	186

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	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																		1						1
1 PM																																																
2 PM																																																
3 PM																																																
4 PM																																																
5 PM																															1												1						1
6 PM																																																
7 PM																																																
8 PM																			1		1										1												2		1				2
9 PM																																																
10 PM																																																
11 PM													1																														1						1
TOTAL PM													1						1		1				1						2												5		1				5
GRAND TOTAL													1						1		1				1						2												5		1				5

VEHICULAR FATALITIES

HOURLY-DAILY-ALCOHOL INCIDENCE
DRIVER

TABLE 59

HOURS OF THE DAY	SUNDAY						MONDAY						TUESDAY						WEDNESDAY						THURSDAY						FRIDAY						SATURDAY						TOTALS						GRAND TOTAL
	TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
12 AM																									1		1				1		1		1		1						3		2		1		3
1 AM													2		1		1								1	1		1			3		3		1		3	1	3	1	2	1	9	2	7	2	4	1	11
2 AM	3		3		2		2		2		1														2		2		2								1	1	1	1	1	1	8	1	8	1	6	1	9
3 AM	4	1	4	1	4	1																			1	1	1	1	1	1	2		2		2			1		1		1	7	3	7	3	7	3	10
4 AM	1		1																						1		1		1								2		2		2		4		4		3		4
5 AM														1		1		1																									1		1		1	1
6 AM																															1		1										1		1				1
7 AM																																																	
8 AM							1		1																						2												3		1				3
9 AM	1		1		1																																						1		1		1		1
10 AM																									1		1																1		1				1
11 AM													2		1															1												2	1	1				3
TOTAL AM	9	1	9	1	7	1	3		3		1		4	1	2	1	1	1							7	2	6	2	4	1	9	1	7		4		7	3	6	3	5	3	39	8	33	7	22	6	47
12 PM		1																		1		1		1																			2		1		1	2
1 PM																																																	
2 PM																															1		1		1								1		1		1		1
3 PM																																																
4 PM														1		1			1	1		1			1		1		1									1						2	3	1	2	1		5
5 PM																									1						2		1										3		1				3
6 PM													1		1		1																										1		1		1		1
7 PM								1											1		1		1									1		1				1					2	2	1	1	1		4
8 PM	1		1																1		1		1		1		1		1								1		1				4		4		2		4
9 PM							1						1	1	1	1	1	1													2		2		2		1	1		1		1	5	2	3	2	3	2	7
10 PM													1																														1						1
11 PM	2		2		2		1																		1	1	1	1																4	1	3	1	2		5
TOTAL PM	3	1	3		2		2	1					3	2	2	2	2	1	3	2	2	2	2	1	4	1	3	1	2		5	1	4	1	3		3	2	1	1		1	23	10	15	7	11	3	33
GRAND TOTAL	12	2	12	1	9	1	5	1	3		1		7	3	4	3	3	2	3	2	2	2	2	1	11	3	9	3	6	1	14	2	11	1	7		10	5	7	4	5	4	62	18	48	14	33	9	80

VEHICULAR FATALITIES

HOURLY-DAILY-ALCOHOL INCIDENCE
DRIVER-MOTORCYCLIST

TABLE 59A

HOURS OF THE DAY	SUNDAY						MONDAY						TUESDAY						WEDNESDAY						THURSDAY						FRIDAY						SATURDAY						TOTALS						GRAND TOTAL
	TOTAL		TESTED		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	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 AM																			2		2		1																				2		2		1		2
2 AM	1		1		1																																				1		1		1		1
3 AM													1		1		1								1		1		1		1						3		3		1		6		5		3		6
4 AM																																						1		1			1		1				1
5 AM																																					1		1		1		1		1				1
6 AM																															1		1								1		1				1
7 AM																																																
8 AM																																																
9 AM																																																
10 AM																																																
11 AM																																																
TOTAL AM	1		1		1								1		1		1		2		2		1		2		2		2		2		1				4	1	4	1	2		12	1	11	1	7		13
12 PM																																																
1 PM																																																
2 PM																																																
3 PM	1		1																																								1		1				1
4 PM																															1		1				1		1				2		2				2
5 PM																																																
6 PM							1		1																						1		1				1		1				3		3				3
7 PM																																																
8 PM	2		2																																								2		2				2
9 PM	1						1		1																																		2		1				2
10 PM	1		1																						2		2																3		3				3
11 PM													1		1				1												1												3		1				3
TOTAL PM	5		4				2		2				1		1				1						2		2				3		2				2		2				16		13				16
GRAND TOTAL	6		5		1		2		2				2		2		1		3		2		1		4		4		2		5		3				6	1	6	1	2		28	1	24	1	7		29

VEHICULAR FATALITIES

HOURLY-DAILY-ALCOHOL INCIDENCE
PASSENGER

TABLE 60

HOURS OF THE DAY	SUNDAY						MONDAY						TUESDAY						WEDNESDAY						THURSDAY						FRIDAY						SATURDAY						TOTALS						GRAND TOTAL
	TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	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	2	1	1		1	3
1 AM														1		1		1																										1		1		1	1
2 AM		1		1		1	3		3		3																																3	1	3	1	3	1	4
3 AM																			2		2		1								1		1				2		2		1		5		5		2		5
4 AM	1		1		1																																				1		1		1		1
5 AM																																							1				1		1				1
6 AM																																																
7 AM																																																
8 AM		1		1																																						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	2	1	1	3		3		3			1		1		1	3		3		2			1				2	2	2	1		1	2	1	2	1	1		11	8	11	5	7	3	19
12 PM		1		1																																						1		1				1
1 PM																										1																		1					1
2 PM																				1		1																						1		1				1
3 PM																																																
4 PM							2																		1		1		1														3		1		1		3
5 PM		1		1																1		1																					2		2				2
6 PM							1																								1	1		1									2	1		1			3
7 PM																																																
8 PM																																							1						1				1
9 PM																															1		1		1								1		1		1		1
10 PM																																																
11 PM		1		1		1	1		1		1									1										1	1	1	1	1		2	1	2	1	2		4	4	4	3	4	1	8
TOTAL PM		3		3		1	4		1		1									3		2			1	1	1		3	2	2	2	2		2	2	2	1	2		10	11	6	8	6	1	21
GRAND TOTAL	1	6	1	5	1	2	7		4		4			1		1		1	3	3	3	2	2		1	2	1		1		5	4	4	3	2	1	4	3	4	2	3		21	19	17	13	13	4	40

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		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	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
12 AM																																																
1 AM																			1		1		1														1		1		1		2		2		2		2
2 AM																																															
3 AM	1		1		1																				1		1		1		1		1								2	1	2	1	2	1	3
4 AM	1																												1		1		1								2		1		1		2
5 AM																																															
6 AM																																															
7 AM																																															
8 AM							1		1				1		1										1		1														3		3				3
9 AM																																															
10 AM																													1		1										1		1				1
11 AM																																															
TOTAL AM	2		1		1		1		1				1		1				1		1		1		1	1	1	1		1	3		3		2		1		1		1		10	1	9	1	5	1	11
12 PM														1		1		1																									1		1		1	1
1 PM																										1		1															1		1			1
2 PM													1		1											1		1														1	1	1	1			2
3 PM																																															
4 PM																																															
5 PM																															1		1		1		1				2		2		1		2
6 PM														1		1				1		1									1		1								1	2	1	2			3
7 PM		1												1		1										1		1								1		1		1		1	3	1	2	1		4
8 PM														1		1																				1						1	1		1			2
9 PM							1	1		1		1																								1		1		1		2	1	1	1	1	1	3
10 PM	1																									1		1								1						2	1		1			3
11 PM																																															
TOTAL PM	1	1					1	1		1		1	1	4	1	4		1		1		1				4		4			2		2		1		5		3		2	10	11	6	10	3	2	21
GRAND TOTAL	3	1	1		1		2	1	1	1		1	2	4	2	4		1	1	1	1	1			1	5	1	5		1	5		5		3		6		4		3		20	12	15	11	8	3	32

VEHICULAR FATALITIES

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

TABLE 62

HOURS OF THE DAY	SUNDAY						MONDAY						TUESDAY						WEDNESDAY						THURSDAY						FRIDAY						SATURDAY						TOTALS						GRAND TOTAL
	DRIVER a		PASSENGER b		PEDESTRIAN		DRIVER a		PASSENGER b		PEDESTRIAN		DRIVER a,c.		PASSENGER		PEDESTRIAN		DRIVER a,c.		PASSENGER		PEDESTRIAN		DRIVER a,c.		PASSENGER		PEDESTRIAN		DRIVER a,c.		PASSENGER b		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	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
12 AM																									2						1		1	2			1						4		1	2			7
1 AM													2			1			2				1		1	1					3						3	1			1		11	2		1	2		16
2 AM	4			1			2		3																2												1	1					9	1	3	1			14
3 AM	4	1			1								1								2				2	1			1		3		1		1		3	1	2				13	3	5		2	1	24
4 AM	1		1		1																				1									1			2	1					4	1	1		2		8
5 AM														1																							1			1			1	1		1			3
6 AM																															2												2						2
7 AM																																																	
8 AM				1			1				1						1											1			2												3			1	3		7
9 AM	1																																										1						1
10 AM																				1					1									1	1								1		1	1	1		4
11 AM				1									2																	1												2	1		1			4
TOTAL AM	10	1	1	3	2		3		3		1		5	1		1	1		2		3		1		9	2			1	1	11	1	2	3	3		11	4	2	1	1		51	9	11	8	10	1	90
12 PM		1		1														1		1					1																		1	2		1		1	5
1 PM																												1		1															1		1	2
2 PM																	1				1								1		1												1		1	1	1	4
3 PM	1																																										1						1
4 PM									2					1					1	1					1		1				1						1	1					4	3	3				10
5 PM				1																	1				1						3			1						1		4			2	2		8
6 PM							1		1				1					1					1		1						1		1	1	1		1						4		2	1	1	2	10
7 PM						1		1										1	1										1			1					1				1		2	2			1	3	8
8 PM	3																	1	2						1						1						1				1	1	8			1	1	1	11
9 PM	1						2				1	1	1	1																	2		1				1	1			1		7	2	1		2	1	13
10 PM	1				1								1												2				1											1		4				2	1	7
11 PM	2			1			1		1				2						1			1			1	1					1		1	1					2	1		8	1	4	4			17
TOTAL PM	8	1		3	1	1	4	1	4		1	1	5	2			1	4	5	2		3		1	7	1	1	1		4	10	1	3	2	2		5	2	2	2	5		44	10	10	11	10	11	96
GRAND TOTAL	18	2	1	6	3	1	7	1	7		2	1	10	3		1	2	4	7	2	3	3	1	1	16	3	1	1	1	5	21	2	5	5	5		16	6	4	3	6		95	19	21	19	20	12	186

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

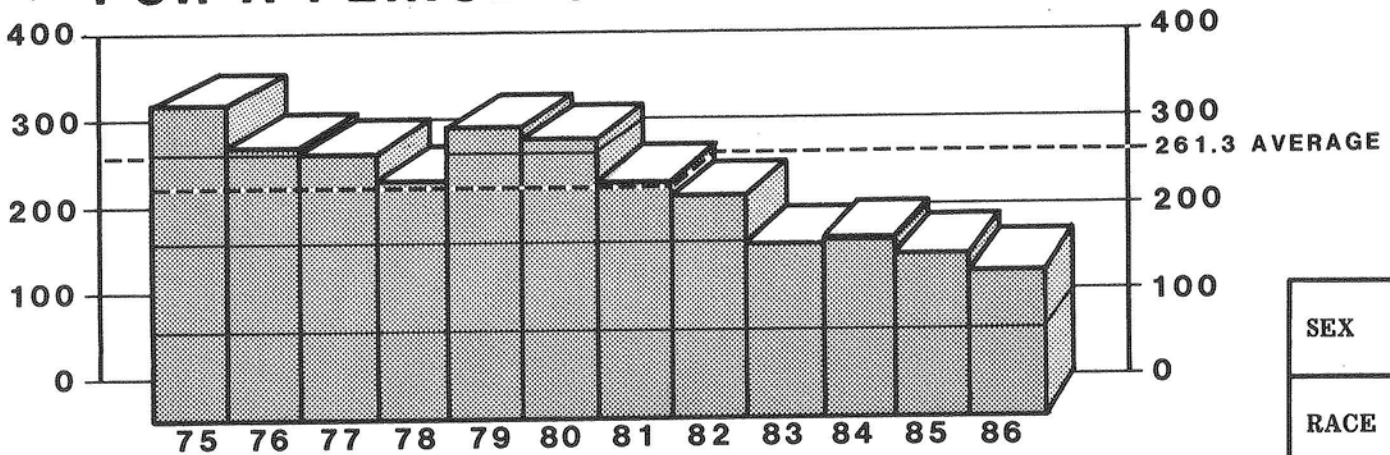
TABLE 63

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		PRE-SCHOOL		SCHOOL		ADULT		PRE-SCHOOL		SCHOOL		ADULT		PRE-SCHOOL		SCHOOL		ADULT		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
12 AM																	2			1			2	1					1				2	1					1			1			5	1	7
1 AM														1		1	1					3						1	1					3						4	1			1		12	3	16
2 AM					4	1					5																	2												1	1					12	2	14
3 AM					5	1											1					2						2	2			1		4					1		4	1		2		18	4	24
4 AM					3																							1						1						2	1					7	1	8
5 AM															1																								1	1				2	1		3
6 AM																																		2												2		2
7 AM																																																
8 AM						1					2						1											1						2												6	1	7
9 AM					1																																									1		1
10 AM																						1						1					1	1											3	1	4
11 AM				1													2																	1									1		2	1	4
TOTAL AM				1	13	3					7				1	1	5	1				6						10	3		1	1		15	3			1	1	13	4		1	3	3	69	14	90
12 PM						2												1					1					1																1	4	5
1 PM																										1			1															1		1	2
2 PM																	1						1						1				1											2	2	4
3 PM					1																																							1		1
4 PM											2							1				1	1			1		1						1						1	1			1		6	3	10
5 PM						1																	1			1				1			3			1						3		3	2	8
6 PM							1				1						1	1					1								1		3						1		1			6	2	10
7 PM						1						1						1				1							1					1					2					3	5	8
8 PM					3													1			1		1					1		1							1				1	1	1		7	1	11
9 PM					1						3	1					1	1													1		2						2	1			1		9	3	13
10 PM			1		1												1											2	1											1				5	1	7
11 PM					2	1					2						2					1	1					1	1				2	1			2	1					2	1	10	4	17
TOTAL PM			1		8	5	1				8	2					6	6			1		4	6		1	2		6	5	1		2	1	12	2		1	3	1	9	2	2	2	9	2	53	28	96
GRAND TOTAL			1	1	21	8	1				15	2			1	1	11	7			1		10	6		1	2		16	8	1	1	3	1	27	5		1	4	2	22	6	2	3	12	5	122	42	186

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

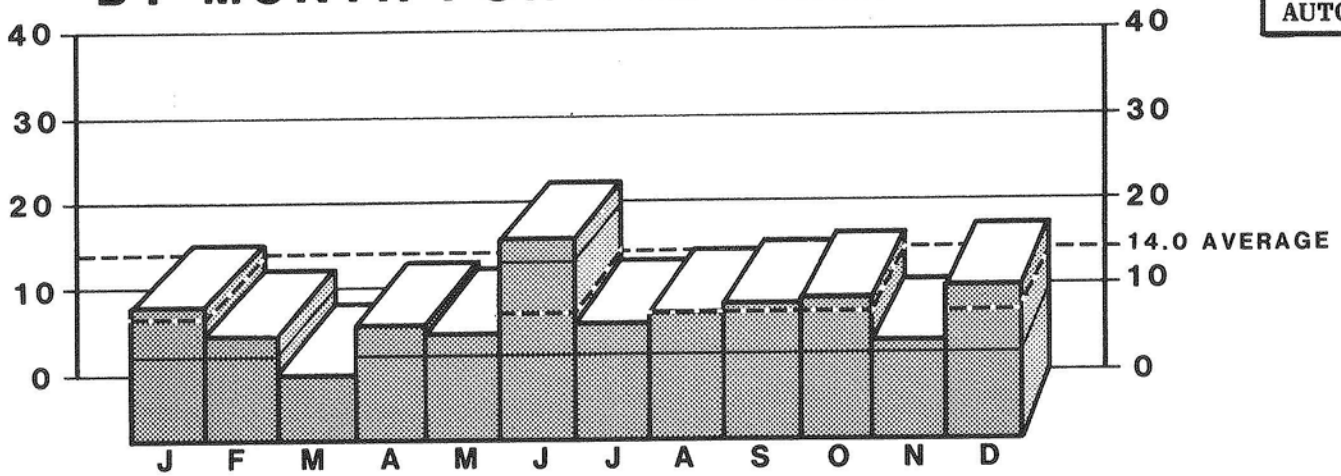
HOMICIDES

FOR A PERIOD OF TWELVE YEARS



		NUMBER	PERCENT
SEX	MALE	134	80
	FEMALE	34	20
RACE	WHITE	48	29
	NON-WHITE	120	71
ALCOHOL	TESTED	158	94
	POSITIVE	69	44
AUTOPSY	AUTOPSIED	168	100

BY MONTH FOR THE YEAR 1986

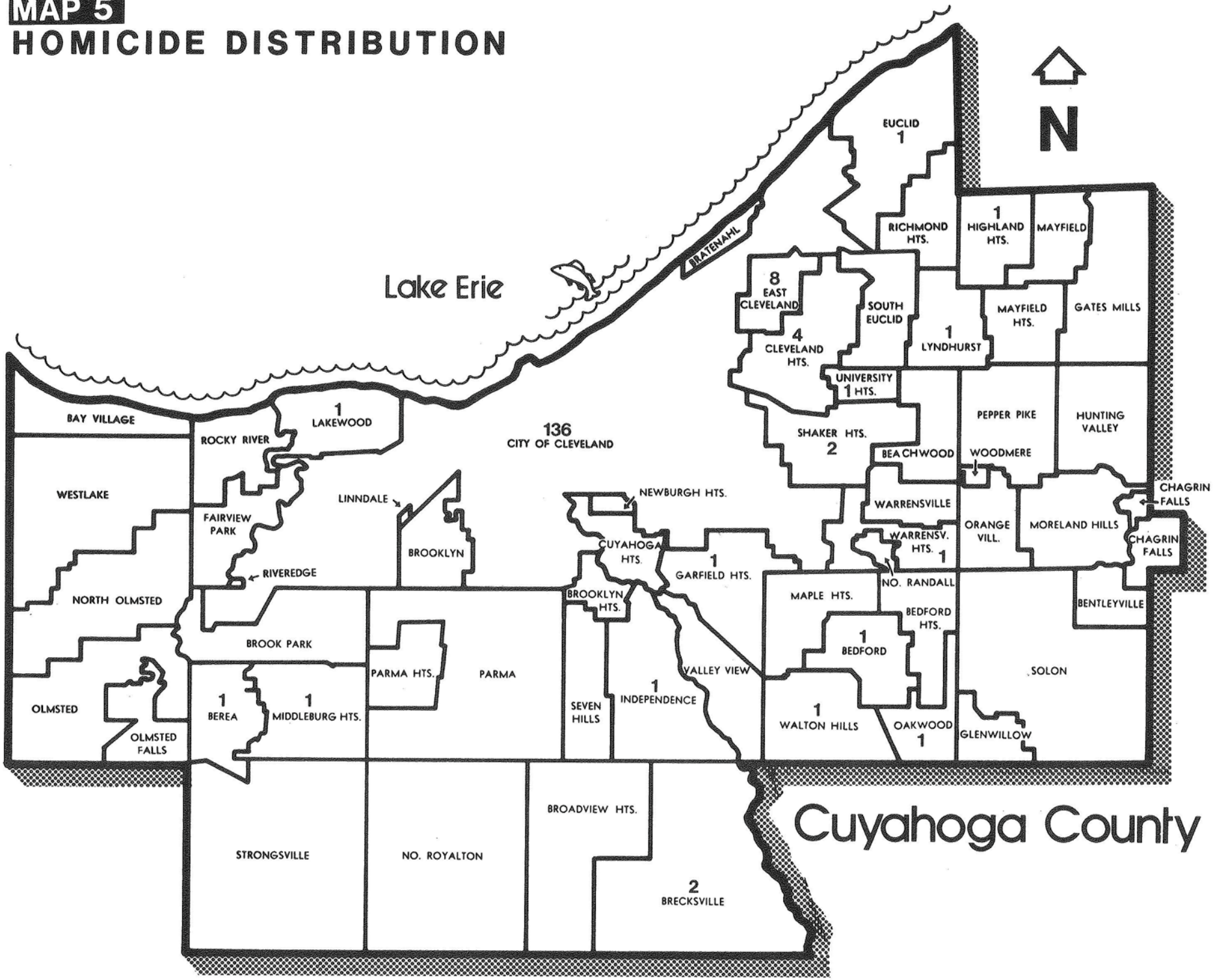


1986

TOTAL CASES

168

MAP 5
HOMICIDE DISTRIBUTION



HOMICIDES

MONTHLY ALCOHOL INCIDENCE

TABLE 64

MONTH	TOTAL	Total		Cleve.		County		Out of County		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	M	F	M	F
JANUARY	15	11	4	10	1	1	3											11	4	5	3	6	1	1		1				3	1	1					
FEBRUARY	12	10	2	8	2	2				1						1		9	2	7	1	2	1			1					1	1					
MARCH	8	6	2	4		2	2											6	2	4	2	2				1						1					
APRIL	13	8	5	6	4	1	1	1		1		1						7	5	3	4	4	1	1						1	1	1		1			
MAY	12	10	2	10	1		1											10	2	3	2	7								3				1		3	
JUNE	22	14	8	12	6	1	2	1										14	8	7	7	7	1			1	1	3		3							
JULY	13	12	1	10	1	2				2		2						10	1	5		5	1	1		1					1	2				1	
AUGUST	14	12	2	10	1	1	1	1		3		2				1		9	2	5	1	4	1			2						2	1				
SEPTEMBER	15	14	1	13	1	1				2		2						12	1	7	1	5				2		2				1					
OCTOBER	16	13	3	12	1	1	2											13	3	8	3	5		1				1		3							
NOVEMBER	11	10	1	9		1	1			1		1						9	1			9	1		1			4		3		1		1			
DECEMBER	17	14	3	12	2	2	1											14	3	9	2	5	1						1	2		1		1		1	
TOTAL	168	134	34	116	20	15	14	3		10		8				2		124	34	63	26	61	8	4	1	9	1	10	1	18	4	11	1	4		5	

HOMICIDES

AGE-RACE-ALCOHOL INCIDENCE

TABLE 65

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																														
	Non-White	3	3										3		3																
5 – 9	White																														
	Non-White																														
10 – 14	White	1		1										1		1															
	Non-White	1	1										1		1																
15 – 19	White	1	1										1		1																
	Non-White	11	10	1	3		2				1		7	1	4	1	3				1		1				1				
20 – 24	White	10	9	1									9	1	4		5	1			1			1	1		3				
	Non-White	14	11	3									11	3	8	1	3	2		1	1		2			1					
25 – 29	White	7	7										7				7				1				4		1		1		
	Non-White	34	23	11									23	11	11	8	12	3			2		2		5	2	2	1			1	
30 – 34	White	9	8	1	1						1		7	1	5	1	2		1				1								
	Non-White	15	12	3									12	3	4	3	8		2		1		1		1		1		1		1	
35 – 39	White	3	2	1									2	1	1	1	1								1						
	Non-White	13	11	2									11	2	6	1	5	1				1	1		2		1		1		
40 – 44	White																														
	Non-White	1	1										1				1														1	
45 – 49	White	2	2										2		1		1										1				
	Non-White	5	5		1		1						4		2		2						1							1	
50 – 54	White																														
	Non-White	6	5	1	1		1						4	1	1	1	3				1		1		1						
55 – 59	White	4	4										4		2		2								1		1				
	Non-White	3	3										3		2		1													1	
60 – 64	White	3		3										3		2		1								1					
	Non-White	4	4		1		1						3		2		1		1												
65 – 69	White	3	2	1									2	1	2	1															
	Non-White	4	4		1		1						3		1		2								1				1		
70 – 74	White	3	1	2	1		1							2		2															
	Non-White	3	2	1									2	1		1	2				1				1						
75 – 79	White																														
	Non-White	1	1										1		1																
80 – over	White	2	1	1	1		1							1		1															
	Non-White																														
TOTAL	White	48	37	11	3		2				1		34	11	16	9	18	2	1		2		1	1	7	1	6		1			
	Non-White	120	97	23	7		6				1		90	23	47	17	43	6	3	1	7	1	9		11	3	5	1	3		5	
GRAND TOTAL		168	134	34	10		8				2		124	34	63	26	61	8	4	1	9	1	10	1	18	4	11	1	4		5	

HOMICIDES

MODE-ALCOHOL INCIDENCE

TABLE 66

MODE	TOTAL	Total		Cleve.		County		Out of County		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	M	F	M	F
ARSON	3	2	1	2	1													2	1		1	2										1		1	
ASSAULT	20	15	5	11	3	2	2	2		2		2						13	5	7	5	6				1				4				1			
BURNING	2	2		1		1				2		2																							
CUTTING & STABBING	22	17	5	16	1	1	4			1		1						16	5	3	4	13	1			2		1		3	1	6				1	
SHOOTING	114	95	19	85	13	9	6	1		5		3				2		90	19	52	13	38	6	4	1	6	1	9		10	3	5	1	1		3	
STRANGULATION	4		4		2		2												4		3		1						1							
MISCELLANEOUS*	3	3		1		2												3		1		2								1				1			
TOTAL	168	134	34	116	20	15	14	3		10		8				2		124	34	63	26	61	8	4	1	9	1	10	1	18	4	11	1	4		5	

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

MODE-AGE GROUPS

TABLE 67

MODE	Under 1 Year		1 – 4		5 – 9		10 – 14		15 – 19		20 – 24		25 – 29		30 – 34		35 – 39		40 – 44		45 – 49		50 – 54		55 – 59		60 – 64		65 – 69		70 – 74		75 – 79		80-over		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
ARSON																	1		1											1					2	1	3
ASSAULT	1	1	1								1		3			1	3	1			1			1			3		1	1				1	15	5	20
BURNING																							1										1		2		2
CUTTING AND STABBING									2		4		5	2	1		2				1		1		1			2				1			17	5	22
SHOOTING			2				1		9		14	3	22	9	18	2	7	2			5		3	1	5		4	1	2	1	2		1		95	19	114
STRANGULATION								1		1		1				1																				4	4
MISCELLANEOUS											1				1													1							3		3
TOTAL	1	1	3				1	1	11	1	20	4	30	11	20	4	13	3	1		7		5	1	7		4	3	6	1	3	3	1		1	1	134	34	168

HOMICIDES (JUSTIFIABLE)

PLACE OF OCCURRENCE-CIRCUMSTANCES-ASSAILANTS

VICTIMS-ALCOHOL INCIDENCE

TABLE 68

ASSAILANT	TOTAL	Total		Cleve.		County		Out of County		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	M	F	M	F	M	F
HOME CIRCUMSTANCES:																																					
During or following the commission or attempted commission of a felony																																					
Acquaintance	1	1				1												1		1																	
Police	3	3		2		1												3		1		2												1		1	
Stranger	2	2		2														2		1		1						1									
TOTAL	6	6		4		2												6		3		3						1						1		1	
PUBLIC CIRCUMSTANCES:																																					
During or following the commission or attempted commission of a felony																																					
Police	1	1		1														1				1				1											
Security Guard	2	2		2														2				2		1		1											
Stranger	1	1		1														1		1																	
Self defense																																					
Acquaintance	1	1		1														1				1								1							
TOTAL	5	5		5														5		1		4		1		2				1							
GRAND TOTAL	11	11		9		2												11		4		7		1		2		1		1				1		1	

HOMICIDES (NON-JUSTIFIABLE)

PLACE OF OCCURRENCE-CIRCUMSTANCES-ASSAILANTS

VICTIMS-ALCOHOL INCIDENCE

TABLE 69

										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	
ASSAILANT	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
HOME CIRCUMSTANCES:																																			
During or following an argument																																			
Acquaintance	18	14	4	13	2		2	1		2		1				1		12	4	7	3	5	1			1				1	1	2				1	
Relative																																			
Brother	2	2		1				1										2		1		1										1					
Sister	1		1		1														1		1															
Son-in-law	1	1		1														1				1								1							
Spouse	7	5	2	5	1		1			2		2						3	2	1	2	2								2							
Stranger	3	2	1	2	1													2	1	1		1	1							1	1						
During or following the commision or attempted commission of a felony																																			
Stranger	9	9		8		1												9		7		2				1						1					
Unknown	2	1	1	1	1													1	1	1	1																
Unknown																																			
Acquaintance	3	1	2	1	1		1											1	2	1	1		1								1						
Relative																																			
Father	1	1		1														1		1																	
Mother	2	2		2														2		2																	
Son	1	1				1												1		1																	
Unknown	5	3	2	2		1	2											3	2	2	2	1		1													
Other																																			
Acquaintance	14	10	4	8	1	2	3			1		1						9	4	8	3	1	1		1										1		
Relative																																			
Cousin	1		1		1														1		1															
Mother	2	2		1				1										2		2																	
Spouse	2		2		1		1												2		2															
Unknown	3	2	1	2	1													2	1	1	1	1								1							
TOTAL	77	56	21	48	11	5	10	3		5		4				1		51	21	36	17	15	4	1	1	2				6	3	4				2	

HOMICIDES (NON-JUSTIFIABLE)

PLACE OF OCCURRENCE-CIRCUMSTANCES-ASSAILANTS

VICTIMS-ALCOHOL INCIDENCE

TABLE 69A

		Total		Cleve.		County		Out of County		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	
ASSAILANT	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
PUBLIC CIRCUMSTANCES:																																			
During or following an argument																																			
Acquaintance	23	21	2	19	2	2				1		1						20	2	6		14	2			3	1	3		5		2	1	1			
Spouse	1	1		1														1				1						1							
Stranger	4	4		3		1												4				4						1		3					
During or following the commission or attempted commission of a felony																																			
Police	1	1		1														1		1															
Stranger	6	6		6						3		3						3		2		1												1			
Unknown	1	1				1												1		1															
Unknown																																			
Acquaintance	2	2		2														2		1		1								1					
Stranger	3	2	1	2	1													2	1		1	2						1				1			
Unknown	13	11	2	11	2					1						1		10	2	3	1	7	1	1				3		1	1	2					
Other																																			
Acquaintance	12	9	3	9	2		1											9	3	3	2	6	1	1		1			1			2				2	
Spouse	1		1				1												1		1															
Stranger	5	4	1	1	1	3												4	1	3	1	1												1			
Unknown	8	5	3	4	1	1	2											5	3	3	3	2				1				1							
TOTAL	80	67	13	59	9	8	4			5		4				1		62	13	23	9	39	4	2		5	1	9	1	11	1	7	1	3		2	

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

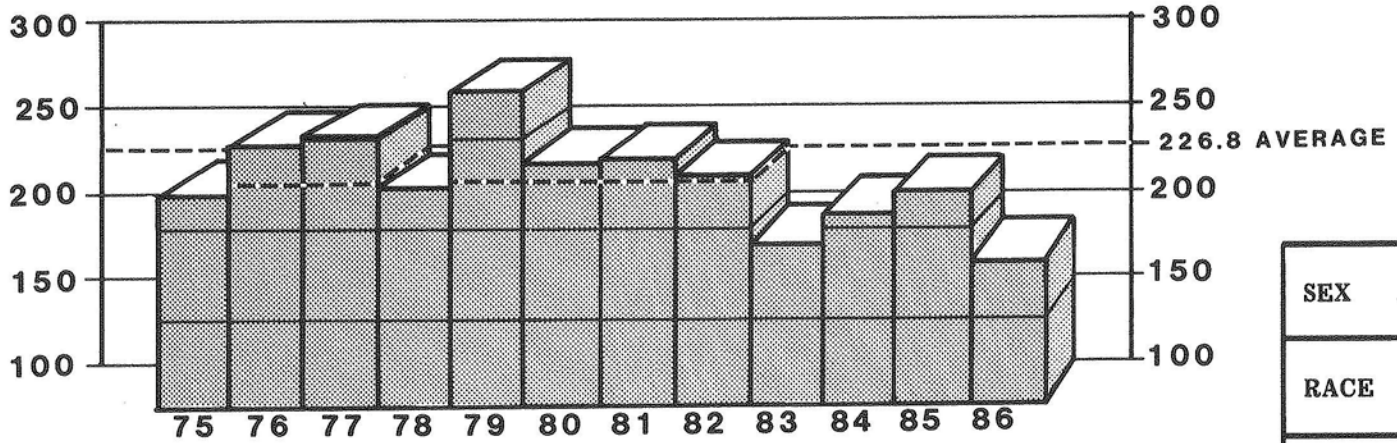
TABLE 69B

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*
1962	74	38	51.35	16	16	1	3
1963	114	62	54.39	19	26	4	3
1964	137	83	60.58	17	30	5	2
1965	129	86	66.67	17	21	3	2
1966	166	111	66.87	15	35	3	2
1967	185	117	63.24	15	34	5	14
1968	210	167	79.52	16	26	1	0
1969	317	254	80.13	29	29	1	4
1970	310	242	78.06	23	34	6	5
1971	324	265	81.79	24	28	4	3
1972	363	287	79.06	33	23	16	4
1973	327	271	82.87	24	20	10	2
1974	362	301	83.14	19	28	11	3
1975	351	274	78.06	29	30	7	11
1976	305	238	78.03	23	29	8	7
1977	300	233	77.67	27	31	6	3
1978	268	211	78.73	17	26	12	2
1979	325	236	72.62	32	37	5	15
1980	314	233	74.20	32	29	6	14
1981	269	208	77.32	25	21	8	7
1982	251	168	66.93	32	36	4	11
1983	196	126	64.29	22	32	8	8
1984	202	121	59.90	34	33	10	4
1985	188	117	62.23	19	32	10	10
1986	168	114	67.86	20	22	4	8

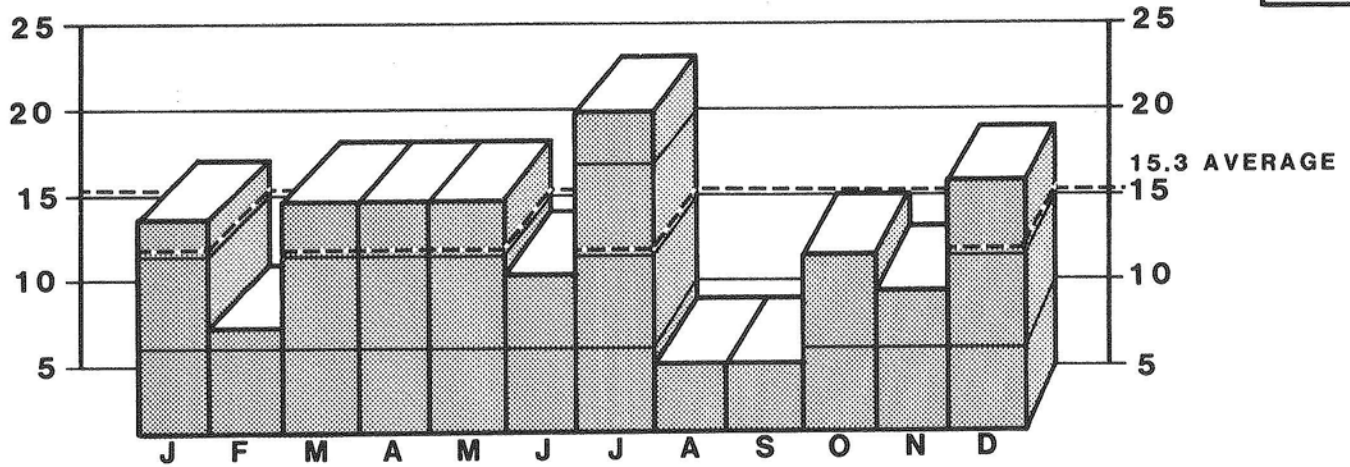
* Arson, Automobile Crash, Burning, Carbon Monoxide, Dragged by auto, Drowning, Explosion, Exposure, Hit by Concrete Block, Jumped from Window, when Threatened, Multiple Modes, Obstruction of Airway by Foreign Object, Poisoning, Pushed in front of Bus, Run over by Auto and Stress.

SUICIDES

FOR A PERIOD OF TWELVE YEARS



BY MONTH FOR THE YEAR 1986



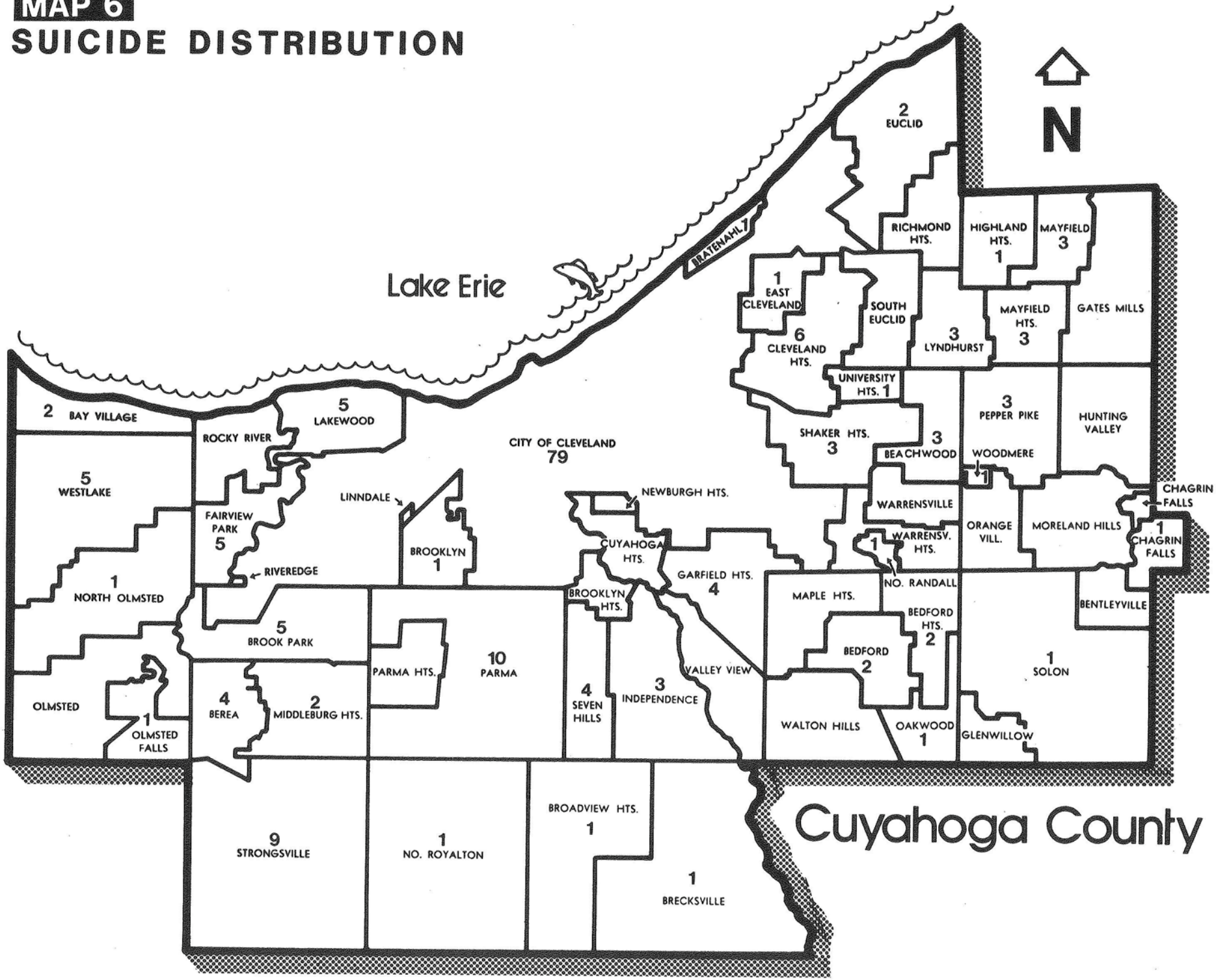
		NUMBER	PERCENT
SEX	MALE	133	72
	FEMALE	51	28
RACE	WHITE	150	82
	NON-WHITE	34	18
ALCOHOL	TESTED	179	97
	POSITIVE	52	29
AUTOPSY	AUTOPSIED	182	99

1986

TOTAL CASES

184

MAP 6
SUICIDE DISTRIBUTION



SUICIDES

MONTHLY ALCOHOL INCIDENCE

TABLE 70

		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	
MONTH	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	17	11	6	5	2	6	4											11	6	9	5	2	1							1	1					1	
FEBRUARY	11	8	3	3	1	5	2											8	3	6	3	2								1		1					
MARCH	18	14	4	5	2	9	2											14	4	12	3	2	1	1						1	1						
APRIL	18	14	4	6	1	8	3			1		1						13	4	11	4	2				1										1	
MAY	18	14	4	10	2	3	2	1			2		1				1	14	2	8	1	6	1	2				1		3			1				
JUNE	14	10	4	4	2	6	2			1						1		9	4	5	3	4	1			1	1					2		1			
JULY	23	17	6	8	2	8	4	1			1		1					17	5	11	1	6	4	3	2			1		1	1		1	1			
AUGUST	9	7	2	5	1	2	1											7	2	7	1		1								1						
SEPTEMBER	9	7	2	3	1	4	1											7	2	5	2	2						1		1							
OCTOBER	15	13	2	5		8	2											13	2	9	1	4	1	1		1		1	1							1	
NOVEMBER	13	6	7	3	2	3	5											6	7	4	3	2	4		1	1	1	1					1				1
DECEMBER	19	12	7	3	3	9	4											12	7	8	5	4	2	1	1	2	1			1							
TOTAL	184	133	51	60	19	71	32	2		2	3	1	2			1	1	131	48	95	32	36	16	8	4	6	3	5	1	9	4	3	3	2		3	1

SUICIDES

AGE AND RACE-ALCOHOL INCIDENCE

TABLE 71

AGE	RACE	TOTAL	Total		NOT TESTED								TESTED						STAGES											
					Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 Year	White																														
	Non-White																														
1 – 4	White																														
	Non-White																														
5 – 9	White																														
	Non-White																														
10 – 14	White	1	1										1		1																
	Non-White																														
15 – 19	White	4	4										4		3		1										1				
	Non-White	2	1	1									1	1	1			1				1									
20 – 24	White	18	15	3	1		1						14	3	12		2	3		1	1	1				1			1			
	Non-White	5	5										5		4		1				1										
25 – 29	White	18	13	5	1	1		1			1		12	4	6	2	6	2	2					1	3			1	1			
	Non-White	2	1	1									1	1	1	1															
30 – 34	White	13	11	2									11	2	8	1	3	1	1						1		1	1			
	Non-White	7	4	3									4	3	2	3	2		1				1								
35 – 39	White	15	10	5									10	5	4	3	6	2	2		1				1	2	1			1	
	Non-White	4	4										4		2		2		1				1								
40 – 44	White	9	7	2									7	2	4	1	3	1			1		1		1			1			
	Non-White	2	1	1									1	1	1	1															
45 – 49	White	8	7	1									7	1	3	1	4						2		1					1	
	Non-White	4	2	2		1						1	2	1	2	1															
50 – 54	White	3	1	2		1		1					1	1	1	1															
	Non-White																														
55 – 59	White	13	8	5									8	5	6	5	2				1				1						
	Non-White	2	2										2		1		1													1	
60 – 64	White	12	6	6									6	6	5	3	1	3		2	1					1					
	Non-White	2	1	1									1	1	1	1															
65 – 69	White	10	7	3									7	3	7	3															
	Non-White	1		1										1		1															
70 – 74	White	11	7	4									7	4	5	2	2	2	1			1			1						1
	Non-White	1	1										1		1																
75 – 79	White	6	5	1									5	1	5			1		1											
	Non-White																														
80 – over	White	9	7	2									7	2	7	2															
	Non-White	2	2										2		2																
TOTAL	White	150	109	41	2	2	1	2			1		107	39	77	24	30	15	6	4	5	2	3	1	9	4	3	3	2		2	1
	Non-White	34	24	10		1						1	24	9	18	8	6	1	2		1	1	2							1	
GRAND TOTAL		184	133	51	2	3	1	2			1	1	131	48	95	32	36	16	8	4	6	3	5	1	9	4	3	3	2		3	1

SUICIDES

MODE–ALCOHOL INCIDENCE

TABLE 72

MODE	TOTAL	Total		Cleve.		County		Out of County		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	M	F	M	F
ASPHYXIA	30	24	6	12	3	12	3			1	2		2			1		23	4	17	4	6		4		1				1					
CARBON MONOXIDE	26	14	12	2	3	12	9											14	12	9	6	5	6		1	2	1	1		1	3	1	1				
CUTTING AND STABBING	3	2	1	1		1	1											2	1	2	1														
JUMPING	6	4	2	2		2	2											4	2	3	2	1								1					
POISONING	27	14	13	9	5	5	8											14	13	10	9	4	4	1	2				1	2				1	1
SHOOTING	92	75	17	34	8	39	9	2		1	1	1					1	74	16	54	10	20	6	3	1	3	2	4		4	1	2	2	2		2	
TOTAL	184	133	51	60	19	71	32	2		2	3	1	2			1	1	131	48	95	32	36	16	8	4	6	3	5	1	9	4	3	3	2		3	1

SUICIDES

MODE-ALCOHOL INCIDENCE

TABLE 73

MODE	TOTAL	Total		Cleve.		County		Out of County		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	M	F	M	F	M	F
ASPHYXIA:																																					
Compression	1		1				1												1		1																
Drowning	4	3	1	3	1					1						1		2	1	1	1	1		1													
Hanging	23	20	3	8	1	12	2				2		2					20	1	15	1	5		3		1				1							
Insertion of head into plastic bag	2	1	1	1	1													1	1	1	1																
TOTAL	30	24	6	12	3	12	3			1	2		2			1		23	4	17	4	6		4		1				1							
CARBON MONOXIDE:																																					
Auto Exhaust	24	13	11	2	2	11	9											13	11	9	5	4	6		1	2	1	1		1	3		1				
Conflagration	2	1	1		1	1												1	1		1	1										1					
TOTAL	26	14	12	2	3	12	9											14	12	9	6	5	6		1	2	1	1		1	3	1	1				
JUMPING:																																					
Bridge	3	2	1			2	1											2	1	1	1	1								1							
Window	3	2	1	2			1											2	1	2	1																
TOTAL	6	4	2	2		2	2											4	2	3	2	1								1							

SUICIDES

POISONING-ALCOHOL INCIDENCE

TABLE 74

POISONING	TOTAL	Total		Cleve.		County		Out of County		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	M	F	M	F	M	F
Single Chemical Agent:																																					
Amantadine	1	1		1														1		1																	
Amitriptyline	3	3		1		2												3		3																	
Amoxapine	1		1		1														1		1																
Carbamazepine	1	1		1														1		1																	
Cyanide	1	1				1												1		1																	
Desipramine	1		1				1												1				1						1									
Diphenhydramine	1		1				1												1		1																
Doxepin	1		1		1														1		1																
Propoxyphene	2	1	1	1	1													1	1	1	1																
Secobarbital	1		1		1														1		1																
Thioridazine	2	2		2														2		2																	
Trimipramine	1		1				1												1				1		1												
Combined Effect of Ethanol and:																																					
Secobarbital	1		1				1												1				1														1
Acetaminophen and Doxepin	1	1		1														1				1							1								
Diphenhydramine, Meprobamate and Doxepin	1	1				1												1				1														1	
Acetaminophen, Codeine, Pentobarbital and Propoxyphene	1		1		1														1				1		1												

SUICIDES

POISONING-ALCOHOL INCIDENCE

TABLE 74 cont.

POISONING	TOTAL	Total		Cleve.		County		Out of County		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	M	F	M	F	M	F
(continued poisonings)																																					
Combined effect of two chemical agents:																																					
Acetaminophen and Propoxyphene	1	1		1														1				1							1							
Amitriptyline and Codeine	1		1				1												1		1															
Chlorpromazine and Diphenhydramine	1	1				1												1		1																
Chlorpromazine and Doxepin	1	1		1														1				1		1												
Doxepin and Ethchlorvynol	1		1				1												1		1															
Combined effect of four chemical agents: Acetaminophen, Propranolol, Salicylate and Thioridazine	1		1				1												1		1															
Combined effect of five chemical agents: Amitriptyline, Chlordiazepoxide, Flurazepam, Nortriptyline and Thioridazine	1		1				1												1		1															
TOTAL	27	14	13	9	5	5	8											14	13	10	9	4	4	1	2				1	2						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		3		5	1	6		2				1			1	1			1		1	2	1			3	1	24	6	30
CARBON MONOXIDE											2		2			2	2	2	1					1		2	1	1	1	2	2	1	1	1	2		14	12	26
CUTTING AND STABBING																			1							1					1						2	1	3
JUMPING											1		1				1									1	1					1					4	2	6
POISONING											2		2	2	3	2	4			2		1	1		1			4				1	1			1	14	13	27
SHOOTING							1		4	1	12	3	4	3	6	1	5	3	6	1	8	2			8	1	5	1	6	1	3		3		4		75	17	92
TOTAL							1		5	1	20	3	14	6	15	5	14	5	8	3	9	3	1	2	10	5	7	7	7	4	8	4	5	1	9	2	133	51	184

SUICIDES

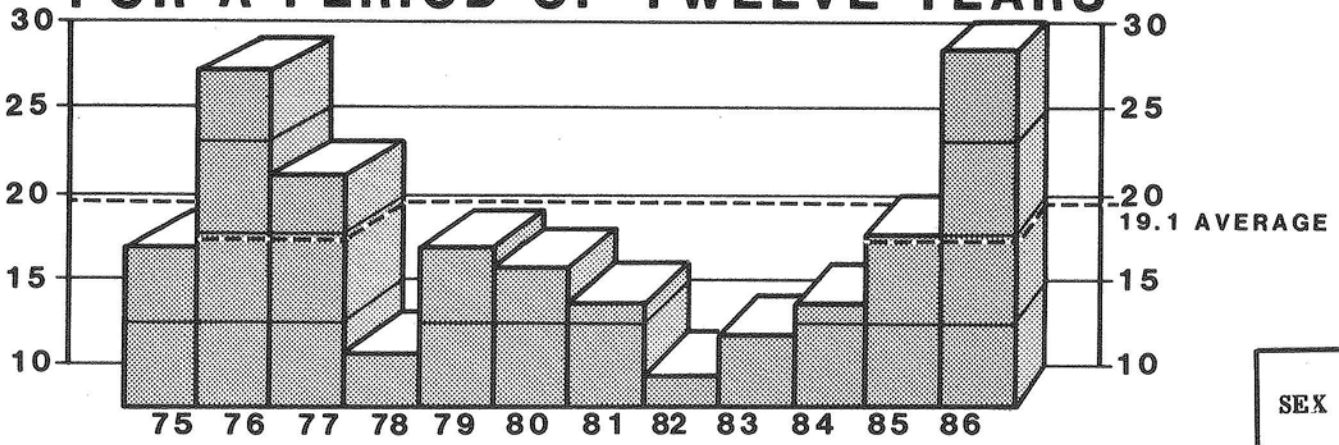
MODE–GEOGRAPHICAL LOCATION AND MARITAL STATUS

TABLE 76

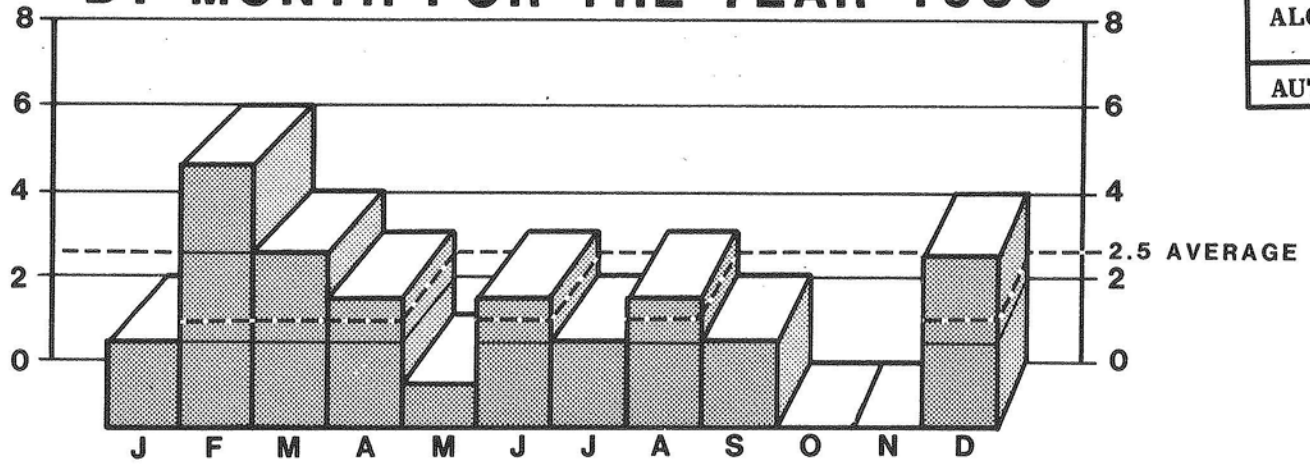
MODE	CLEVELAND												COUNTY												OUT OF COUNTY												TOTAL		GRAND TOTAL
	MARRIED		SINGLE		WIDOWED		DIVORCED		UNKNOWN		TOTAL		MARRIED		SINGLE		WIDOWED		DIVORCED		UNKNOWN		TOTAL		MARRIED		SINGLE		WIDOWED		DIVORCED		UNKNOWN		TOTAL				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
ASPHYXIA	5		5	1			2	2			12	3	3	2	7		2			1			12	3														24	6	30
CARBON MONOXIDE		1	1	1	1	1					2	3	5	5	3	1	2	1	2	2			12	9														14	12	26
CUTTING AND STABBING	1										1							1	1				1	1														2	1	3
JUMPING			2								2		1	2	1								2	2														4	2	6
POISONING	1	3	5	1			3	1			9	5	2	3	3	3		2					5	8														14	13	27
SHOOTING	19	1	10	6	2		3	1			34	8	16	4	13	3	4		6	2			39	9			1		1								2		75	17	92
TOTAL	26	5	23	9	3	1	8	4			60	19	27	16	27	7	8	4	9	5			71	32			1		1								2		133	51	184

VIOLENCE OF UNDETERMINED ORIGIN

FOR A PERIOD OF TWELVE YEARS



BY MONTH FOR THE YEAR 1986



		NUMBER	PERCENT
SEX	MALE	22	73
	FEMALE	8	27
RACE	WHITE	12	40
	NON-WHITE	18	60
ALCOHOL	TESTED	24	80
	POSITIVE	7	29
AUTOPSY	AUTOPSIED	26	87

1986

TOTAL CASES

30

FATALITIES FROM VIOLENCE OF UNDETERMINED ORIGIN

MONTHLY ALCOHOL INCIDENCE

TABLE 77

		Total		Cleve.		County		Out of County		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	
MONTH	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	2		2														2		2																	
FEBRUARY	6	5	1	5	1						1						1	5		2		3		1		1		1									
MARCH	4	2	2	2	1		1				1		1					2	1	2	1																
APRIL	3	3		2		1												3		3																	
MAY	1		1		1						1						1																				
JUNE	3	3		3														3		2		1								1							
JULY	2	2		2						1		1						1				1								1							
AUGUST	3	1	2	1	1		1											1	2	1	2																
SEPTEMBER	2	1	1	1			1			1		1							1		1																
OCTOBER	0																																				
NOVEMBER	0																																				
DECEMBER	4	3	1	2	1	1				1		1						2	1	1		1	1	1					1								
TOTAL	30	22	8	20	5	2	3			3	3	3	1				2	19	5	13	4	6	1	2		1		1	1	1		1					

FATALITIES FROM VIOLENCE OF UNDETERMINED ORIGIN

CAUSE OF DEATH-ALCOHOL INCIDENCE

TABLE 78

CAUSE OF DEATH	TOTAL	Total		Cleve.		County		Out of County		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	M	F	M	F
BURNING	1	1		1														1		1															
CARBON MONOXIDE	2	2		2														2		1		1						1							
DROWNING	4	3	1	3	1													3	1	1	1	2								1		1			
HANGING	1	1		1														1		1															
INJURY TO BODY	4	1	3	1	2		1			1	1	1	1						2		1		1					1							
INJURY TO HEAD	8	6	2	6	2					2	2	2					2	4		2		2		1		1									
POISONING	7	5	2	4		1	2											5	2	5	2														
SHOOTING	2	2		2														2		2															
UNDETERMINED	1	1				1												1				1		1											
TOTAL	30	22	8	20	5	2	3			3	3	3	1				2	19	5	13	4	6	1	2		1		1	1	1		1			

FATALITIES FROM VIOLENCE OF UNDETERMINED ORIGIN

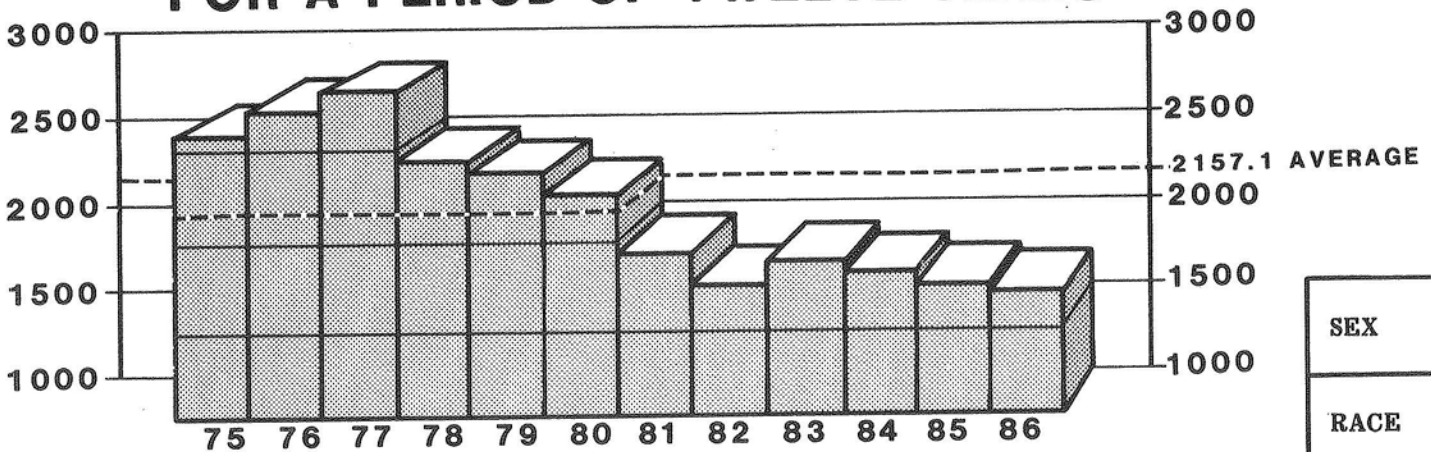
AGE-RACE-ALCOHOL INCIDENCE

TABLE 79

AGE	RACE	TOTAL	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		1										1		1															
1 – 4	White																													
	Non-White	1	1										1		1																
5 – 9	White																													
	Non-White																													
10 – 14	White																													
	Non-White	1	1										1		1																
15 – 19	White																													
	Non-White																													
20 – 24	White																													
	Non-White																													
25 – 29	White	1	1		1		1																							
	Non-White	5	5										5		3		2		1						1						
30 – 34	White	1	1										1		1																
	Non-White																													
35 – 39	White	1	1										1		1																
	Non-White	2	2										2		2																
40 – 44	White	2	1	1									1	1		1	1										1				
	Non-White	1	1										1		1																
45 – 49	White																													
	Non-White	1	1										1				1						1								
50 – 54	White	1		1										1		1															
	Non-White	2	1	1		1						1	1		1																
55 – 59	White	2	1	1	1		1							1		1															
	Non-White	2	1	1	1		1							1				1						1							
60 – 64	White	3	3										3		1		2		1		1										
	Non-White																													
65 – 69	White																													
	Non-White																													
70 – 74	White																													
	Non-White	2	1	1		1		1					1		1																
75 – 79	White	1		1		1						1																			
	Non-White																													
80 – over	White																													
	Non-White																													
TOTAL	White	12	8	4	2	1	2					1	6	3	3	3	3		1		1						1				
	Non-White	18	14	4	1	2	1	1				1	13	2	10	1	3	1	1				1	1	1						
GRAND TOTAL		30	22	8	3	3	3	1				2	19	5	13	4	6	1	2		1		1	1	1		1				

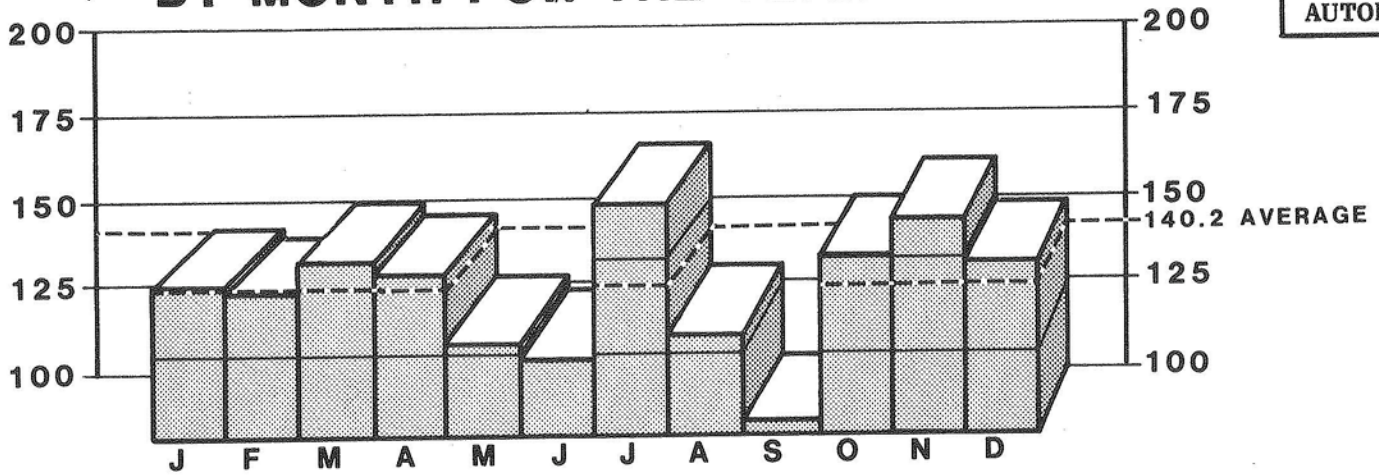
NATURAL CAUSES

FOR A PERIOD OF TWELVE YEARS



		NUMBER	PERCENT
SEX	MALE	1062	63
	FEMALE	620	37
RACE	WHITE	1102	66
	NON-WHITE	580	34
ALCOHOL	TESTED	1369	81
	POSITIVE	98	7
AUTOPSY	AUTOPSIED	503	30

BY MONTH FOR THE YEAR 1986



1986

TOTAL CASES

1682

DEATHS FROM NATURAL CAUSES

MONTHLY ALCOHOL INCIDENCE

TABLE 80

				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	
MONTH	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
JANUARY	142	93	49	16	6	2	1	4	2	10	3	77	43	70	40	7	3	2		1	1	3		1	1						1
FEBRUARY	139	89	50	11	10	4	3	2		5	7	78	40	66	38	12	2	2		1	2	2		2		3		2			
MARCH	149	93	56	15	7	5		4		6	7	78	49	74	48	4	1	1		2										1	1
APRIL	145	81	64	19	11	5	2	3	2	11	7	62	53	61	50	1	3			1	1		1						1		
MAY	127	89	38	17	8	1		1		15	8	72	30	66	27	6	3	2		1			1	1	1	1	1			1	
JUNE	123	81	42	14	9	3	4	1	1	10	4	67	33	59	30	8	3	3	1	2			1			1		1	1	1	
JULY	165	97	68	16	16	5	4			11	12	81	52	77	51	4	1	1		1		1	1	1							
AUGUST	130	89	41	17	7	2	1			15	6	72	34	66	31	6	3	1	1	3	1	1						1	1		
SEPTEMBER	104	65	39	14	6	3				11	6	51	33	47	32	4	1	1	1	1										2	
OCTOBER	150	88	62	18	12	3	3	1	1	14	8	70	50	66	47	4	3	1	1	1	1			1	1	1					
NOVEMBER	160	102	58	22	9	1	1	1		20	8	80	49	71	49	9		4		4						1					
DECEMBER	148	95	53	23	10	2		4	1	17	9	72	43	65	40	7	3		2	3	1	2		1						1	
TOTAL	1682	1062	620	202	111	36	19	21	7	145	85	860	509	788	483	72	26	18	6	21	7	9	4	7	3	7	1	4	3	6	2

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

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	3			2					1		1		2							1		1	1		8	4	12
Neoplasms	2		3		7		3	4	2	1	3	4	4	5	5	2	4	5	6	1	9	4	2	2	50	28	78
Allergic, Endocrine System, Metabolic and Nutritional Diseases	1		1						1										1			1		2	4	3	7
Diseases of the Blood and Blood-forming Organs															1										1		1
Mental, Psychoneurotic and Personality Disorders**			3		1			2	1		1						1								7	2	9
Diseases of the Nervous System and Sense Organs	1		1			1	1			1	1						1	1	2		1	1			8	4	12
Diseases of the Circulatory System	77	43	71	43	77	51	70	52	77	30	67	32	85	59	75	36	52	28	69	56	80	48	84	44	884	522	1406
Diseases of the Respiratory System	2	1	2	2	2	1	2	3	1		2	1	2		2		3		3		1			2	22	10	32
Diseases of the Digestive System	3	2	4		1	1		1	4	3	3	1		1	5	1		3	3	1	4	1	2	1	29	16	45
Diseases of the Genito-urinary System				1			1							1					1		2				4	2	6
Deliveries and Complications of Pregnancy, Childbirth and the Puerperium																											0
Diseases of the Skin and Cellular Tissue						1											1	1							1	2	3
Diseases of the Bones and Organs of Movement			1											1											1	1	2
Congenital Malformations				1	1						1								1						3	1	4
Certain Diseases of Early Infancy							1																		1		1
Symptoms, Senility and Ill-defined Conditions***	4	3	3	1	4	1	3	2	2	3	2	4	4	1	1	2	3	1	2	3	5	2	6	2	39	25	64
TOTAL	93	49	89	50	93	56	81	64	89	38	81	42	97	68	89	41	65	39	88	62	102	58	95	53	1062	620	1682

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

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

: Sudden Unexpected Infant Deaths Totaled 43.

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							1		1	1		6	3	9
Neoplasms	2		2		2		2	4	1	1	1	2		2				1	1	1	2			2	13	13	26
Allergic, Endocrine System, Metabolic and Nutritional Diseases	1								1										1						3		3
Diseases of the Blood and Blood-forming Organs															1										1		1
Mental, Psychoneurotic and Personality Disorders**			3		1			2	1		1						1								7	2	9
Diseases of the Nervous System and Sense Organs	1		1			1				1							1					1			3	3	6
Diseases of the Circulatory System	26	5	23	7	16	12	18	8	25	3	18	5	29	9	14	14	19	3	15	5	19	12	22	7	244	90	334
Diseases of the Respiratory System	2	1	1	1	2	1	1	1	1		1	1			1		1		2					2	12	7	19
Diseases of the Digestive System	2	1	1			1			2	1	2			1	4	1		3		1	4	1	2		17	10	27
Diseases of the Genito-urinary System				1																	1				1	1	2
Deliveries and Complications of Pregnancy, Childbirth and the Puerperium																											0
Diseases of the Skin and Cellular Tissue																		1								1	1
Diseases of the Bones and Organs of Movement			1																						1		1
Congenital Malformations				1	1						1								1						3	1	4
Certain Diseases of Early Infancy							1																		1		1
Symptoms, Senility and Ill-defined Conditions***	3	4	3	1	4		3	2	2	3	2	3	4	1	1	2	3	1	2	3	5	1	5	2	37	23	60
TOTAL	38	11	35	12	26	15	25	17	34	9	27	11	35	13	21	17	25	9	22	11	31	16	30	13	349	154	503

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

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

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

DEATHS FROM NATURAL CAUSES

MONTHS AND AGE GROUPS

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	4	2	1	1	4		3	2	1	3	4	3	3		1	2	3	1	3	2	4	2	4	2	35	20	55
1 - 4		1	1				1	1				1													3	3	6
5 - 9	1		1		1								1												4		4
10 - 14												1														1	1
15 - 19	1						1										1		1			1			4	1	5
20 - 24			1			1	2		2			1				1				1		2	2		7	6	13
25 - 29	2		1	1	2				2		2			1				1	4		2				15	3	18
30 - 34	1	1	4		4	1	1	1	2					1	5		2		1	1	2		4	1	26	6	32
35 - 39	3	1	2	2	3	1	3	1	3		3	1	2	1	3	3	3	2	3		1	2	3	2	32	16	48
40 - 44	5		5	1	5	1	1	1	1		7		5		5		3	2	1	2	4	2	4	1	46	10	56
45 - 49	5	3	5	1	3	1	4		5	5	1	1	10	3	3	3	2	1	4	4	4	1	4	1	50	24	74
50 - 54	2		5		7		3	1	6	3	4	2	2	6	9	5	4	1	5		10	3	12	3	69	24	93
55 - 59	12	6	7	3	13	3	5	5	12	1	11	1	7	6	7	2	6	4	12	6	11	2	13	7	116	46	162
60 - 64	14	5	12	8	11	5	12	6	21	2	11	5	12	9	16	5	5	3	20	6	20	9	6	5	160	68	228
65 - 69	18	4	16	7	13	10	11	13	6	8	9	4	17	10	15	3	12	6	7	11	16	8	11	7	151	91	242
70 - 74	10	5	9	7	8	8	12	11	10	2	12	4	21	10	11	10	9	3	8	6	9	8	11	4	130	78	208
75 - 79	7	10	10	8	8	12	7	6	5	7	5	8	5	4	3	3	6	7	6	9	8	5	11	7	81	86	167
80 - over	8	11	9	11	11	13	15	16	13	7	12	10	12	17	11	4	9	8	13	14	10	13	10	13	133	137	270
TOTAL	93	49	89	50	93	56	81	64	89	38	81	42	97	68	89	41	65	39	88	62	102	58	95	53	1062	620	1682

AUTOPSIES-DEATHS FROM NATURAL CAUSES

MONTHS AND AGE GROUPS

TABLE 84

AGE	JAN.		FEB.		MAR.		APRIL		MAY		JUNE		JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Under 1 year	2	3	2	1	3		3	2	1	3	4	3	3		1	2	3	1	3	2	4	2	4	2	33	21	54
1 - 4		1	1					1																	1	2	3
5 - 9	1												1												2		2
10 - 14												1														1	1
15 - 19	1								1								1		1			1			4	1	5
20 - 24			1			1	1		2			1				1				1		1	2		6	5	11
25 - 29	2			1	2				2		2							1	4		1				13	2	15
30 - 34	1	1	3		2	1	1	1	2					1	4		3			1	2		4	1	22	6	28
35 - 39	3		2	1	3		3	1	3		3		2	2	2	3	3	1	3		1	2	2	2	30	12	42
40 - 44	5		5	1	4	1	1	1	1		7		4		5		2	2	1		3	2	3		41	7	48
45 - 49	3	1	5	1	2	1	4		4	2	1	1	8	2	2	2	2	1	1	1	4	1	3		39	13	52
50 - 54	2		3		2		2	1	4	2	2			4	4	3	3	1	3		5	2	6		36	13	49
55 - 59	5	1	3	2			3	1	3		3		3	1		1			1	1	3		2	4	26	11	37
60 - 64	3		1		2	1	4	2	6		3	1	4	1	2	2	2	1	2	2	2	1			31	11	42
65 - 69	4		4	1	3	3	2	2		2	1	1	4				2			1	3		2	1	25	11	36
70 - 74	2		1	3		3	1	2	1				5	1		2	1				1	3		1	12	15	27
75 - 79	2	2	1		2	4		1			1	1						1	1	2	1		2	1	10	12	22
80 - over	2	2	3	1	1			2	4			2	1	1	1	1	3		2		1	1		1	18	11	29
TOTAL	38	11	35	12	26	15	25	17	34	9	27	11	35	13	21	17	25	9	22	11	31	16	30	13	349	154	503

DEATHS FROM NATURAL CAUSES

INTERNATIONAL CODE OF CAUSES OF DEATH LISTED BY AGE GROUPS

TABLE 85

CLASSIFICATION OF DISEASES BY CODE*	Under 1 Year		1 – 4		5 – 9		10 – 14		15 – 19		20 – 24		25 – 29		30 – 34		35 – 39		40 – 44		45 – 49		50 – 54		55 – 59		60 – 64		65 – 69		70 – 74		75 – 79		80-over		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Infective and Parasitic Diseases	4	2											2				1			1	1													1	8	4	12
Neoplasms				1											1				2		1	1	3	2	5	4	12	3	12	10	3	4	7	1	4	2	50	28	78
Allergic, Endocrine System, Metabolic and Nutritional Diseases					1						1	1					1		1	1		1														4	3	7
Diseases of the Blood and Blood-forming Organs															1																					1		1
Mental, Psychoneurotic and Personality Disorders **															1		1	1	3	1	1								1							7	2	9
Diseases of the Nervous System and Sense Organs			2															1	1	1			2	1	1					1					2		8	4	12
Diseases of the Circulatory System	1				1			1	1	1	3	3	11		15	4	22	8	34	4	39	18	62	19	103	39	139	61	133	77	123	71	73	85	124	131	884	522	1406
Diseases of the Respiratory System	3	1	1						1		1	1	1		1	1		2	3		1				2	2	2		2	3	2		1		1		22	10	32
Diseases of the Digestive System					1										5		5	2	1	2	5	2		2	4	1	4	2	1		1	3			2	2	29	16	45
Diseases of the Genito-urinary System													1	1							1	1					1		1								4	2	6
Deliveries and Complications of Pregnancy, Childbirth and the Puerperium																																							0
Diseases of the Skin and Cellular Tissue														1				1													1					1	2	3
Diseases of the Bones and Organs of Movement																							1												1	1	1	1	2
Congenital Malformations	1								1					1			1																			3	1	4
Certain Diseases of Early Infancy	1																																		1		1
Symptoms, Senility and Ill-defined Conditions	25	17		2	1				1		2	1			2	1	1	1	1		1	1	1		1		2	2	1						39	25	64
TOTAL	35	20	3	3	4			1	4	1	7	6	15	3	26	6	32	16	46	10	50	24	69	24	116	46	160	68	151	91	130	78	81	86	133	137	1062	620	1682

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

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

** Sudden Unexpected Infant Deaths Totaled 43.

AUTOPSIES-DEATHS FROM NATURAL CAUSES

INTERNATIONAL CODE OF CAUSES OF DEATH LISTED BY AGE GROUPS

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	
Infective and Parasitic Diseases	3	2											2				1			1															6	3	9
Neoplasms				1											1				2		1	1		1	1	2	3	3	4	3		1			1	1	13	13	26
Allergic, Endocrine System, Metabolic and Nutritional Diseases											1						1		1																	3		3
Diseases of the Blood and Blood- forming Organs															1																					1		1
Mental, Psychoneurotic and Personality Disorders **															1		1	1	3	1	1							1								7	2	9
Diseases of the Nervous System and Sense Organs																			1	1			1	1	1				1							3	3	6
Diseases of the Circulatory System								1	1	1	2	3	10		12	4	20	8	29	2	32	9	34	9	22	6	23	7	20	6	12	13	10	12	17	9	244	90	334
Diseases of the Respiratory System	3	1	1						1		1	1	1		1	1		1	3		1					2				1						12	7	19
Diseases of the Digestive System					1										4		5	1	1	2	3	1		2	1	1	2	1			1				1	17	10	27
Diseases of the Genito-urinary System																						1					1									1	1	2
Deliveries and Complications of Pregnancy, Childbirth and the Puerperium																																						0
Diseases of the Skin and Cellular Tissue													1																								1	1
Diseases of the Bones and Organs of Movement																							1													1		1
Congenital Malformations	1								1				1				1																			3	1	4
Certain Diseases of Early Infancy	1																																			1		1
Symptoms, Senility and Ill-defined Conditions ***	25	18		1	1				1		2	1			2	1	1	1	1		1	1			1		2									37	23	60
TOTAL	33	21	1	2	2			1	4	1	6	5	13	2	22	6	30	12	41	7	39	13	36	13	26	11	31	11	25	11	12	15	10	12	18	11	349	154	503

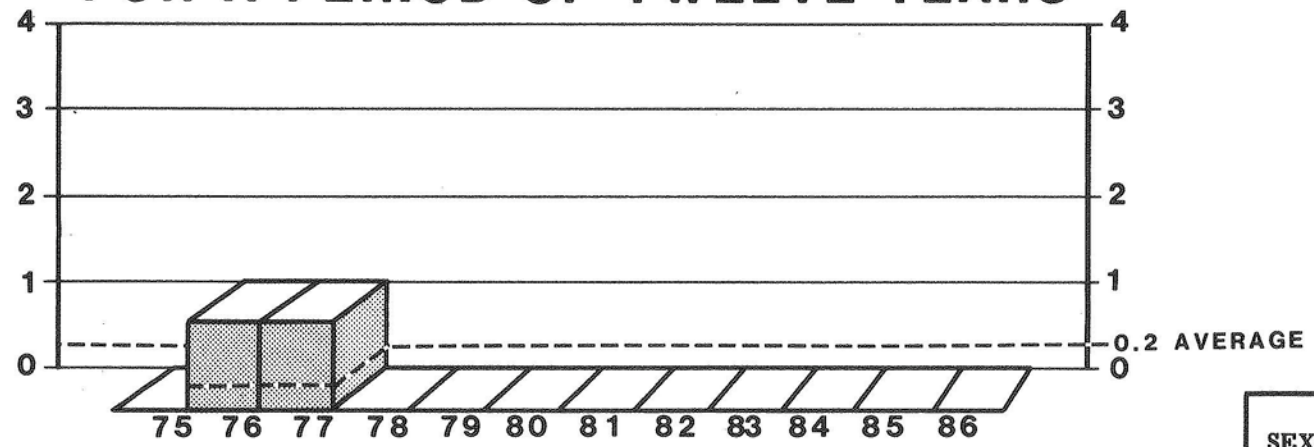
* International Classification of Diseases by World Health Organization: Ninth Revision.

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

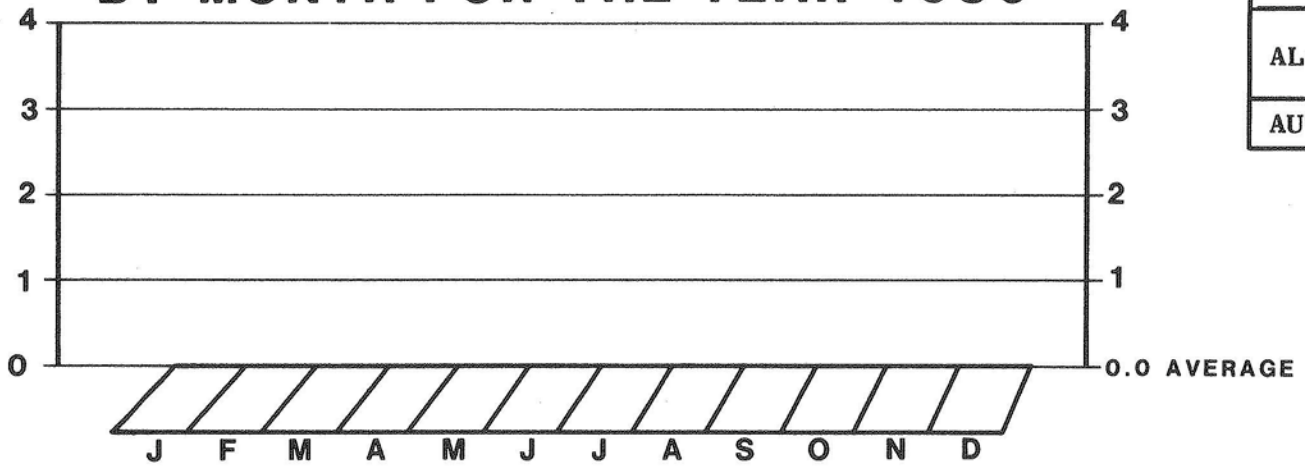
*** Sudden Unexpected Infant Deaths Totaled 44. (one case autopsied in 1986 but died in 1985)

ABORTIONS

FOR A PERIOD OF TWELVE YEARS



BY MONTH FOR THE YEAR 1986



		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

1986
TOTAL CASES
0

ABORTION FATALITIES

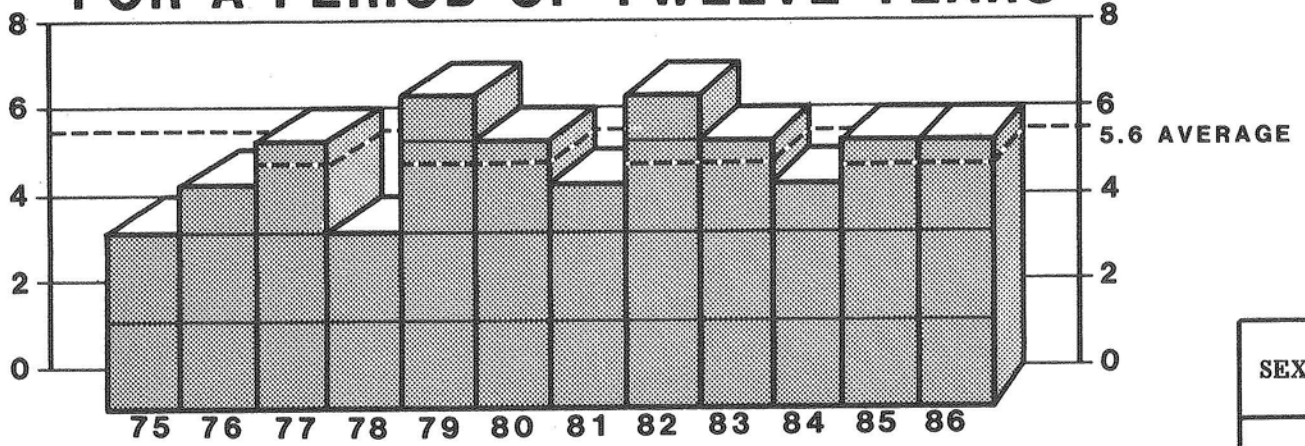
TABLE 87

NO FATALITIES

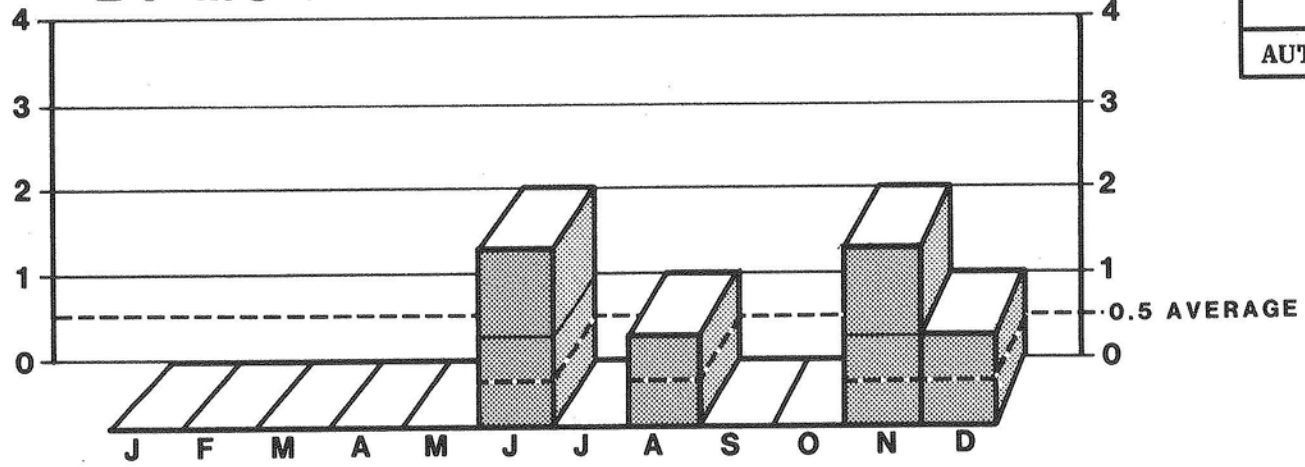
RECORDED IN THIS CATEGORY IN 1986

NEONATAL AND INTRA-UTERINE DEATHS

FOR A PERIOD OF TWELVE YEARS



BY MONTH FOR THE YEAR 1986



		NUMBER	PERCENT
SEX	MALE	1	17
	FEMALE	5	83
RACE	WHITE	4	67
	NON-WHITE	2	33
ALCOHOL	TESTED	4	67
	POSITIVE	0	0
AUTOPSY	AUTOPSIED	5	83

1986

TOTAL CASES

6

NEONATAL AND INTRA-UTERINE DEATHS*

BY MONTH AND AGE GROUPS

TABLE 88

	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			
MONTH	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
JANUARY																		
FEBRUARY																		
MARCH																		
APRIL																		
MAY																		
JUNE										1		1						2
JULY																		
AUGUST									1								1	
SEPTEMBER																		
OCTOBER																		
NOVEMBER										2								2
DECEMBER												1						1
TOTAL									1	3		2					1	5

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

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

GROUP I - Less than 20 completed weeks of gestation.

GROUP 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, and III.

AUTOPSIES-NEONATAL AND INTRA-UTERINE DEATHS*

BY MONTH AND AGE GROUPS

TABLE 89

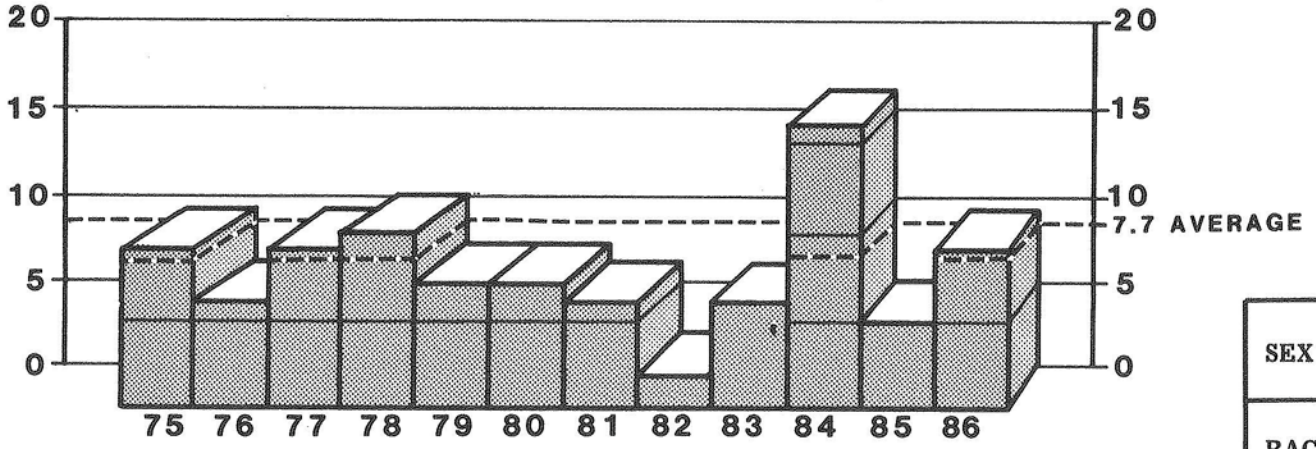
	GROUP I				GROUP II				GROUP III				GROUP IV				TOTAL	
	LIVE BIRTH		FOETAL DEATH		LIVE BIRTH		FOETAL DEATH		LIVE BIRTH		FOETAL DEATH		LIVE BIRTH		FOETAL DEATH			
MONTH	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
JANUARY																		
FEBRUARY																		
MARCH																		
APRIL														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

* International Classification of Diseases by World Health Organization: Ninth Revision.
This category includes stillbirths (foetal deaths) and deaths due to natural causes in the early neonatal period (live births).

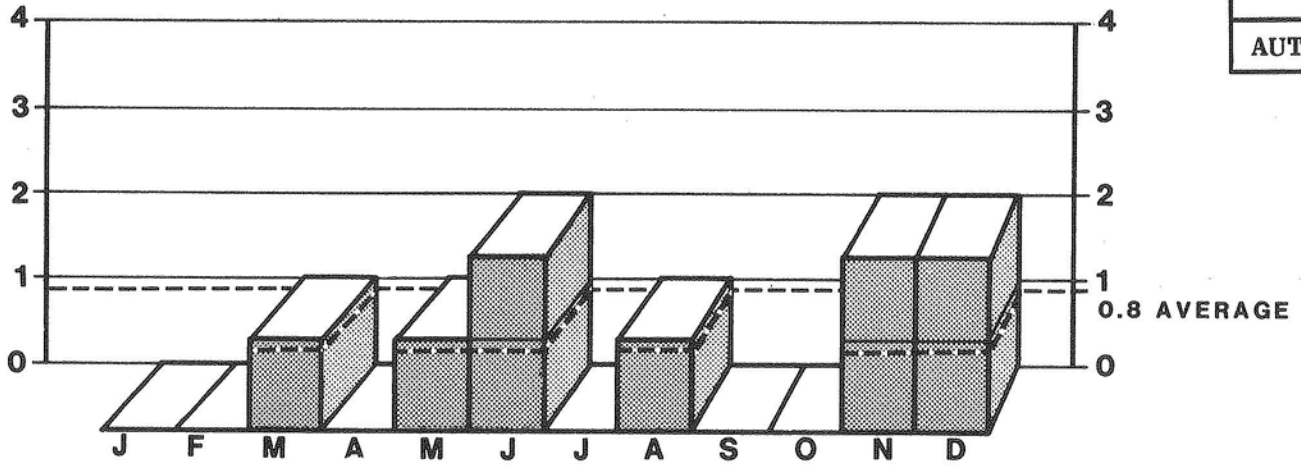
GROUP I - Less than 20 completed weeks of gestation.
GROUP II - 20 completed weeks of gestation but less than 28.
GROUP III - 28 completed weeks of gestation and over.
GROUP IV - Gestation period not classifiable in Group I, II, or III.

UNDETERMINED CAUSES

FOR A PERIOD OF TWELVE YEARS



BY MONTH FOR THE YEAR 1986



		NUMBER	PERCENT
SEX	MALE	7	78
	FEMALE	2	22
RACE	WHITE	4	44
	NON-WHITE	5	56
ALCOHOL	TESTED	8	89
	POSITIVE	5	63
AUTOPSY	AUTOPSIED	9	100

1986

TOTAL CASES

9

DEATHS FROM UNDETERMINED CAUSES

TABLE 90

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

9 cases were autopsied but no cause of death could be assigned.
Advanced postmortem decomposition in 3 cases.
Toxicology examination and alcohol determination conducted on 8 cases.
Alcohol determination resulted in 5 positive cases and 3 negative cases.

TOXICOLOGY

INCIDENCE OF POISONINGS (%) IN TESTED INDIVIDUALS

TABLE 91

CUYAHOGA COUNTY CORONER'S OFFICE

	NUMBER OF DECEDENTS	NUMBER OF FATAL POISONINGS
POSTED	1424 (52.6%)	127 (95.5%)
NON-POSTED	1283 (47.4%)	6 (4.5%)
NO SAMPLES*	612 (22.6%)	6 (4.5%)
TOTAL	2707 (100.0%)	133 (100%)

* No specimens submitted for toxicological analysis

OUTSIDE REFERRING AGENCIES

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

** Includes in-and out-patients

TOXICOLOGY LABORATORY REPORT
INCIDENCE AND FREQUENCY OF POSITIVE FINDINGS

TABLE 91A

	CUYAHOGA COUNTY CORONER'S LABORATORY CASES[1]				OUTSIDE REFERRING AGENCIES[2]		
	ALL CASES		FATAL POISONINGS		ALL CASES		TOTAL
SUBSTANCES	INCIDENCE	%	INCIDENCE	%	INCIDENCE	%	ALL CASES
Acetaminophen	143	5.29	24	18.05	94	11.47	237
Amantidine [3]	2	0.07	1	0.75			2
Barbiturates (total)	(37)	1.37	(10)	7.52	(43)	5.25	(80)
Amobarbital					2	0.24	2
Butabarbital	1	0.04					1
Butalbital	1	0.04	1	0.75	6	0.73	7
Pentobarbital	3	0.11	2	1.50			3
Phenobarbital	28	1.04	3	2.26	31	3.78	59
Secobarbital	4	0.15	4	3.01	2	0.24	6
Screening test					2	0.48	2
Benzodiazepines (total)	(142)	5.25	(55)	41.36	(165)	20.13	(307)
Chlordiazepoxide	9	0.33	3	2.26	5	0.61	14
Clonazepam [3]					1	0.12	1
Diazepam	54	2.00	18	13.54	45	5.42	99
n-desmethylchlordiazepoxide	6	0.22	2	1.50	4	0.49	10
n-desmethyldiazepam	60	2.22	23	17.30	48	5.86	108
Demoxapam	5	0.18	2	1.50	3	0.37	8
n-desalkylflurazepam	6	0.22	5	3.76	9	1.10	15
Flurazepam	2	0.07	2	1.50	3	0.37	5
Oxazepam					3	0.37	3
Screening test					41	5.00	41
Temazepam [3]					3	0.37	3
Brompheniramine	1	0.04			4	0.48	5
Caffeine [3]	7	0.26	4	3.01	2	0.24	9
Carbon Monoxide [3]	62	2.29	47	35.34	7	0.85	69
Carbamazepine [3]	6	0.22			6	0.73	12
Carisoprotyl	1	0.04	1	0.75	1	0.12	2
Chlorpheniramine	16	0.59	4	3.01			16
Chlorpropamide	6	0.22			4	0.49	10
Cocaine	21	0.78	10	7.52	16	1.95	37
Cocaine Metabolite	43	1.59	11	8.27	41	5.00	84

TOXICOLOGY LABORATORY REPORT
INCIDENCE AND FREQUENCY OF POSITIVE FINDINGS

TABLE 91A cont.

	CUYAHOGA COUNTY CORONER'S LABORATORY CASES[1]				OUTSIDE REFERRING AGENCIES[2]		
	ALL CASES		FATAL POISONING		ALL CASES		TOTAL
SUBSTANCES	INCIDENCE	%	INCIDENCE	%	INCIDENCE	%	ALL CASES
Cogentin[3]					1	0.12	1
Cyanide	1	0.04	1	0.75			1
Dextromethorphan	12	0.44	2	1.50	1	0.12	13
Diphenhydramine	19	0.70	7	5.26	14	1.71	33
Disopyramide[3]	2	0.07					2
Doxylamine	10	0.37	1	0.75			10
Ethylene Glycol/Propylene Glycol[3]					1	0.12	1
Glutethimide[3]					1	0.12	1
Hydroxyzine[3]	1	0.04			1	0.12	2
Ibuprofen[3]	1	0.04	1	0.75			1
Ketamine	1	0.04					1
Lidocaine	162	5.99	8	6.02	30	3.66	192
Meperidine	25	0.92	1	0.75	12	1.46	37
Meprobamate	5	0.18	4	3.01	1	0.12	6
Methaqualone	1	0.04	1	0.75	1	0.12	2
Methadone	8	0.30	3	2.26	10	1.22	18
Methadone Metabolite	2	0.07	1	0.75	10	1.22	12
Normeperidine	14	0.52			9	1.10	23
Norpropoxyphene	26	0.96	17	12.78	24	2.93	50
Opiates (total)	(78)	2.89	(27)	19.58	(30)	3.66	(108)
Codeine	34	1.26	10	7.52	14	1.71	48
Hydromorphone	2	0.07	1	0.75			2
Morphine	38	1.41	13	9.78	15	1.83	53
Oxycodone	4	0.15	3	2.26	1	0.12	5
Orphenadrine	1	0.04					1
Pentazocine	1	0.04					1
Phencyclidine	6	0.22	2	1.50	18	2.20	24

TOXICOLOGY LABORATORY REPORT
INCIDENCE AND FREQUENCY OF POSITIVE FINDINGS

TABLE 91A cont.

	CUYAHOGA COUNTY CORONER'S LABORATORY CASES[1]				OUTSIDE REFERRING AGENCIES[2]		
	ALL CASES		FATAL POISONINGS		ALL CASES		TOTAL
SUBSTANCES	INCIDENCE	%	INCIDENCE	%	INCIDENCE	%	ALL CASES
Phenothiazines (total)	(23)	0.85	(8)	6.02	(21)	2.56	(44)
Chlorpromazine	4	0.15	4	0.31	2	0.24	6
Thioridazine	9	0.33	4	3.01	1	0.12	10
Others	10	0.37			18	2.20	28
Phenytoin	44	1.63	3	2.26	17	2.07	61
Placidyl	3	0.11	2	1.50	2	0.24	5
Propoxyphene	23	0.85	13	9.42	10	1.22	33
Propranolol	2	0.07	1	0.75	1	0.12	3
Primadone	2	0.07			1	0.12	3
Quinidine	16	0.59	2	1.50	2	0.24	18
Quinine	6	0.22			2	0.24	8
Tricyclic Antidepressants (total)	(64)	2.37	(36)	27.07	(73)	8.97	(137)
Amitriptyline	11	0.41	8	6.02	18	2.20	29
Amoxapine	1	0.04	1	0.75	3	0.37	4
Desipramine	6	0.22	2	1.50	11	1.34	17
Doxepin	15	0.56	9	6.77	4	0.49	19
Imipramine	5	0.18	1	0.75	8	0.98	13
Loxapine					4	0.49	4
Nordoxepin	14	0.52	7	5.26	5	0.61	19
Nortriptyline	11	0.41	7	5.26	20	2.44	31
Trimipramine	1	0.04	1	0.75			1
Salicylate	83	3.07	10	7.52	57	6.95	140

TOXICOLOGY LABORATORY REPORT
INCIDENCE AND FREQUENCY OF POSITIVE FINDINGS

TABLE 91A cont.

	CUYAHOGA COUNTY CORONER'S LABORATORY CASES[1]				OUTSIDE REFERRING AGENCIES[2]		
	ALL CASES		FATAL POISONINGS		ALL CASES		TOTAL
SUBSTANCES	INCIDENCE	%	INCIDENCE	%	INCIDENCE	%	ALL CASES
Sympathomimetics (total)	(52)	1.81	(13)	9.42	(54)	6.59	(106)
Amphetamine					1	0.12	1
beta-Phenethylamine[3]	3	0.11					3
Ephedrine	15	0.56	3	2.26	21	2.56	36
Methamphetamine	2	0.07			1	0.12	3
Phentermine	4	0.15	2	1.50	4	0.49	8
Phenylpropanolamine	28	1.04	8	6.02	27	3.29	55
Theophylline[3]	16	0.59					16
Tolbutamide	3	0.11	1	0.75			3
Trazadone[3]					1	0.12	1
Tripelennamine	4	0.15			2	0.24	6
Verapamil					1	0.12	1
Volatiles (total)	(408)	15.10	(45)	33.09	(128)	15.62	(536)
Benzene[3]	1	0.04	1	0.75			1
Chloroethane[3]	1	0.04	1	0.75			1
Ethanol	382	14.10	42	31.58	115	14.03	497
Isopropanol/Acetone	23	0.85			13	1.59	36
Toluene[3]	1	0.04	1	0.75			1
TOTALS	1612		373		919		2531

1. All autopsied decedents from whom specimens were submitted and 20% of the remaining unautopsied decedents.preceding spot tests were completely evaluated.* Specimens from the remaining decedents were tested primarily for ethyl alcohol and its analogues and spot tests when urine was submitted.
2. Data from hospital patients, decedents in other coroners' jurisdictions and proficiency tests. Excluded are data from 218 police arrests, 210 of which were positive for ethanol.
3. Evaluation for this agent only carried out by special request.

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

TOXICOLOGY LABORATORY REPORT
INCIDENCE OF ANALYTES IN POSITIVE CASES *

TABLE 91B

CUYAHOGA COUNTY CORONER'S LABORATORY CASES				OUTSIDE REFERRING AGENCIES	
ALL CASES (%)		FATAL POISONINGS (%)		ALL CASES (%)	
Ethanol	14.10	Benzodiazepines	41.36	Benzodiazepines	20.13
Lidocaine	5.99	Carbon Monoxide	35.34	Ethanol	14.03
Acetaminophen	5.29	Ethanol	31.58	Acetaminophen	11.47
Benzodiazepines	5.25	Tricyclic Antidepressants	27.07	Tricyclic Antidepressants	8.97
Salicylate	3.07	Propoxyphene/ Norpropoxyphene	22.20	Cocaine/ Cocaine Metabolite	6.95
				Salicylates	6.95
Opiates	2.89	Opiates	19.58	Sympathomimetics	6.59
Cocaine/ Cocaine Metabolite	2.37	Acetaminophen	18.05	Barbiturates	5.25
Tricyclic Antidepressant	2.37				
Carbon Monoxide	2.29	Cocaine/ Cocaine Metabolite	15.79	Propoxyphene/ Norpropoxyphene	4.15
Propoxyphene/ Norpropoxyphene	1.81	Sympathomimetics	9.42	Lidocaine	3.66
Sympathomimetics	1.81			Opiates	3.66
Meperidine/ Normeperidine	1.44	Salicylates	7.52	Meperidine/ Normeperidine	2.56
				Phenothizines	2.56

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

TOXICOLOGY LABORATORY REPORT
PROFICIENCY STUDIES

TABLE 92

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

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

TOXICOLOGY LABORATORY REPORT
SUBSTANCES INVOLVED IN FATAL POISONINGS*

TABLE 93

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

TOXICOLOGY LABORATORY REPORT
SUBSTANCES INVOLVED IN FATAL POISONINGS*

TABLE 93 cont.

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

TOXICOLOGY LABORATORY REPORT

SUBSTANCES INVOLVED IN FATAL POISONINGS*

TABLE 93 cont.

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

* Excludes Carbon Monoxide Deaths.

TOXICOLOGY LABORATORY REPORT

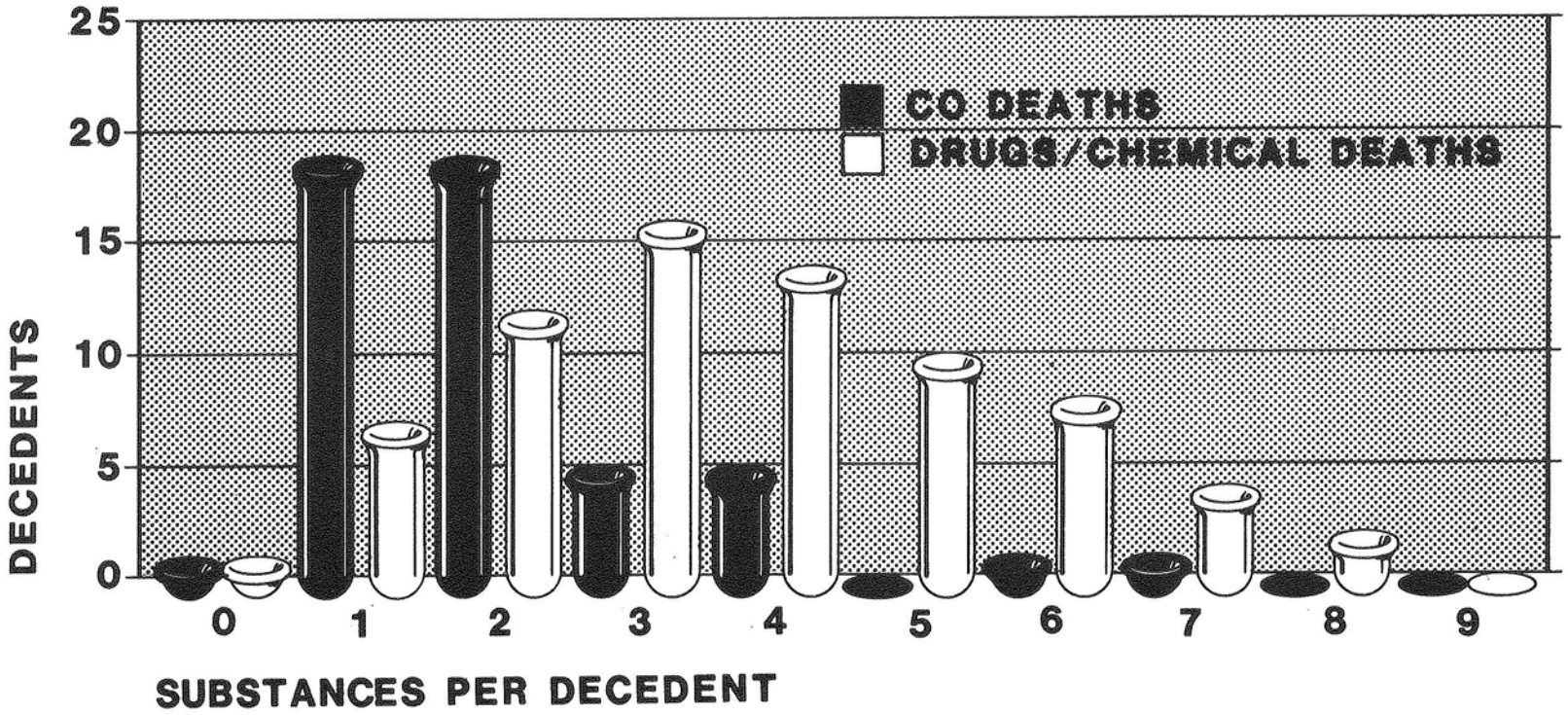
CARBON MONOXIDE FATALITIES

TABLE 93A

	ACCIDENTAL			SUICIDE		HOMICIDE	
SUBSTANCES	SMOKE	AUTO EXHAUST	NATURAL GAS	AUTO EXHAUST	SMOKE	SMOKE	TOTAL
Carbon Monoxide	13	3		7			23
Carbon Monoxide and Ethanol	3	2	2	4		2	13
Carbon Monoxide, Ethanol and Other Medications Doxepin				1			1
Cocaine and Cocaine Metabolite	1						1
Diazepam and n-Desmethyldiazepam				1			1
n-Desmethyldiazepam and Salicylate				1			1
Phenylpropanolamine and Chlorpheniramine				1			1
Chlorpheniramine, n-Desmethyldiazepam, n-Desmethylchlordiazepoxide and Demoxapam				1			1
Acetaminophen, Chlorpheniramine, Oxycodone, Ephedrine and Phenylpropanolamine				1			1
Carbon Monoxide and Other Medications Acetaminophen				1			1
Chlorpromazine				1			1
Lidocaine				1			1
Meprobamate					1		1
Methaqualone				1			1
Tolbutamide						1	1
Acetaminophen and Morphine					1		1
Acetaminophen and Quinidine				1			1
Morphine and Codeine				1			1
Oxycodone and Salicylate				1			1
Diphenhydramine, Doxylamine and Dextromethorphan	1						1
TOTAL	18	5	2	24	2	3	54

TOXICOLOGY LABORATORY REPORT

INCIDENCE OF POLYPHARMACY* IN 133 POISONING FATALITIES



* Two or more substances per case.

TOXICOLOGY LABORATORY REPORT

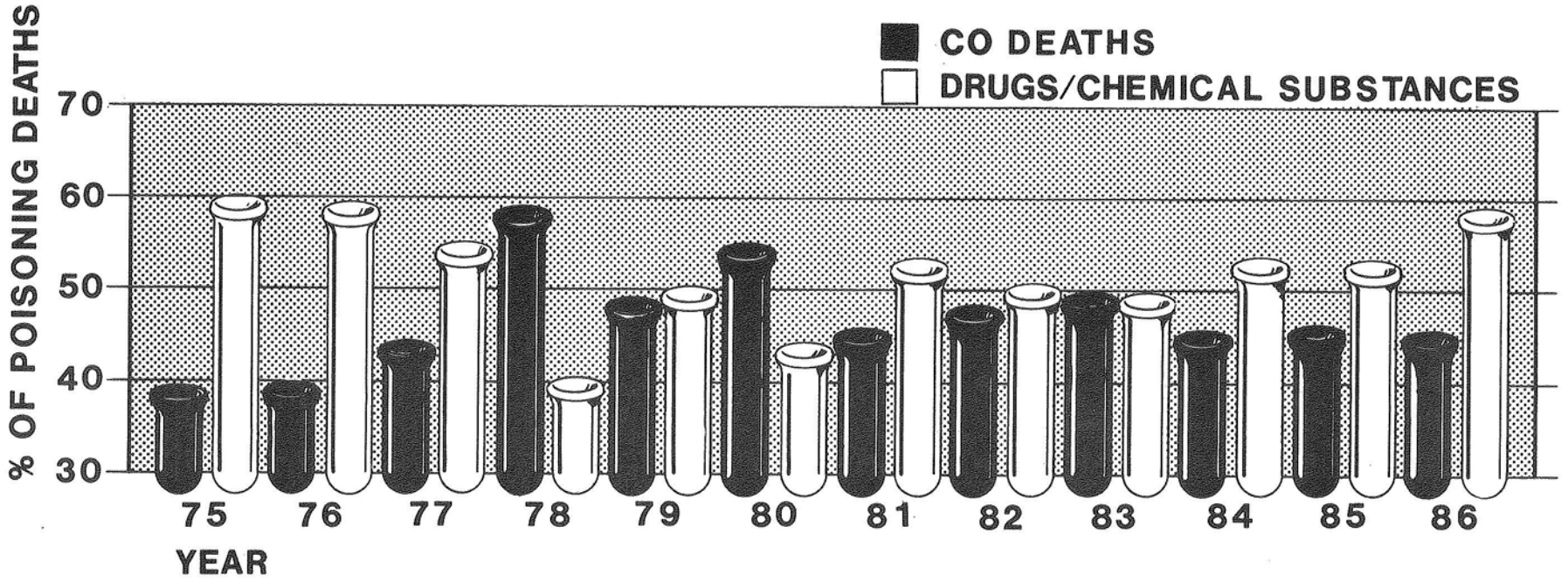
POISONING FATALITIES 1975 - 1986

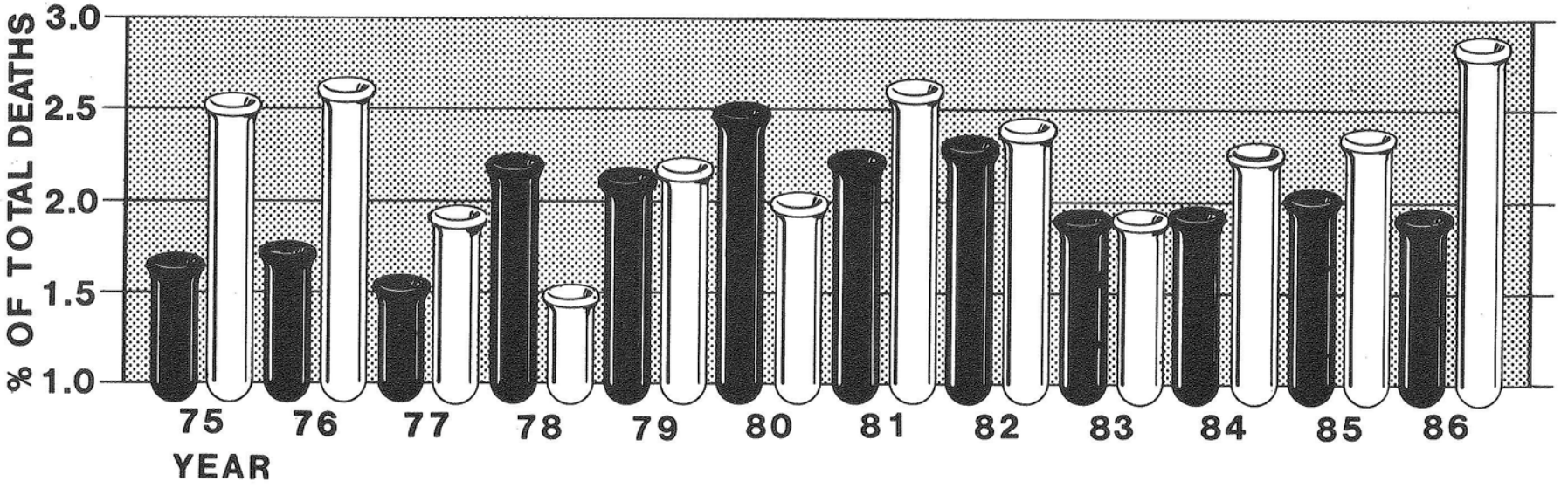
TABLE 93B

YEAR	ACCIDENTS						HOMICIDE		SUICIDE		MANNER UNDETERMINED		TOTAL	
	HOME		WORK		OTHER PLACES									
	CO	OTHERS	CO	OTHERS	CO	OTHERS	CO	OTHERS	CO	OTHERS	CO	OTHERS	CO	OTHERS
1975	38	55			4	18	1	1	24	27	2	3	69	104
1976	24	46			2	11	2	1	44	43	1	8	73	109
1977	35	24			1	14		1	31	39		5	67	83
1978	39	17			5	4			39	30		6	83	57
1979	38	31	1	1	3	5	1		38	44	2	4	83	85
1980	35	24			2	12	10		42	35	1	2	90	73
1981	30	38			1	5	3		33	41	5		72	84
1982	33	28	1		1	6	4	1	28	35			67	70
1983	24	26			4	3	3		26	28	1	1	58	58
1984	24	37	1		4	4			26	25	3	2	58	66
1985	21	27	2			7	3		32	29		4	58	67
1986	24	34				11	3		26	27	1	7	54	79
TOTAL	365	387	5	1	27	100	30	4	389	403	16	42	832	937
TOTALS	752		6		127		34		792		58		1769	

TOXICOLOGY LABORATORY REPORT

TRENDS IN FATAL POISONINGS





TRACE EVIDENCE

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	761	(62)	(32)	16	777
SPECIMENS SUBMITTED	2088	414	(59)	312	2814
EXAMINATIONS	3266	2274	(85)	916	6456

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

** Other Sources: Specimens from investigations submitted by Police and Sheriff's Departments or collected by Trace Evidence Personnel.
Figures in parenthesis ( ) are included in previous column.
Time away from office for court appearances: 128 hours .
Actual time spent testifying at court: 21 hours and 27 minutes.

TRACE EVIDENCE LABORATORY

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	104	(6)			104
Electrophoretic determinations					
Cellulose Acetate					
Specimens from bodies	72	(2)		8	80
Stains	6		15	15	36
P-30					
Stains	1				1
MICROSCOPIC EXAMINATION FOR SPERMATOZA					
Specimens from bodies	116	(6)		25	141
Stains			15	4	19
BLOOD DETECTION					
Presumptive Tests	7		902	330	1239
PRECIPITIN TESTS					
Species Identification	7		163	36	206
BLOOD GROUP DETERMINATIONS					
Fluid Blood (ABO)	740	(32)	20	12	772
Secretor/Non secretor	181	(1)	5	4	190
ENZYME:Electrophoretic determinations					
Erythrocyte Acid Phosphatase	34		7	3	44
Esterase D	34		7	3	44
Phosphoglucomutase	39		7	8	54
Phosphoglucomutase sub-typing	12			7	19
Others	5				5
Other specimens from bodies					
Absorption Inhibition	137		3	12	152
Absorption Elution	7	(1)	20	9	36
Phosphoglucomutase				6	6
Phosphoglucomutase sub-typing				6	6
Stains (ABO)	7		132	22	161
ENZYME Electrophoretic determinations					
Erythrocyte Acid Phosphatase	4		93	18	115
Esterase D	4		93	18	115
Phosphoglucomutase	4		95	23	122
Phosphoglucomutase sub-typing			13	5	18
Others			22		22

TRACE EVIDENCE LABORATORY

TABLE 94A cont.

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
CLOTHING DESCRIPTIONS					
Descriptions	93				93
Inspections	121	(4)	1	1	123
Stereomicroscopic Examinations	43	(2)	1		44
GUNFIRE RESIDUE DETECTION TESTS					
Clothing and Related Items	82		7	1	90
Targets			10	5	15
HAND EXAMINATIONS					
Trace Metal Detection	231	(4)	6		237
Gunshot Residue (Harrison-Gilroy Test)	227	(4)	4		231
MICROSCOPIC EXAMINATIONS					
Fingernail Scrapings	5		1	4	10
Gastric Contents	23	(2)			23
Hair	144	(7)	56	14	214
Fibers	6		14		20
Paint	3	(1)	1		4
Glass	9		25		34
Miscellaneous	56		60	7	123
STEREOMICROSCOPIC EXAMINATIONS					
Powder Grains	94	(1)			94
Miscellaneous	280	(10)	333	276	889
PHYSICAL MATCH	2	(1)	6		8
HISTOLOGIC STUDIES	4		5		9
IDENTIFICATION PROCEDURES	5				5
LIGATURES	24				24
ITEMS INSPECTED-no relevant findings	293	(1)	132	34	459
TOTAL	3266		2274	916	6456

HISTOLOGY

TABLE 95

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

PHOTOGRAPHY

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

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

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

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

* Includes 43 Out of the County Cases.

FORENSIC ODONTOLOGY

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

RADIOLOGY

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

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

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

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

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

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

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

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

ANTHROPOLOGY

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

LECTURES
GIVEN BY THE STAFF

LESTER ADELSON, M.D., CHIEF DEPUTY CORONER

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

LECTURES GIVEN BY THE STAFF

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

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

LECTURES GIVEN BY THE STAFF

ROBERT CHALLENER, M.D., DEPUTY CORONER

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

LECTURES GIVEN BY THE STAFF

MARY E. COWAN, SENIOR MEDICAL TECHNOLOGISTS, BS DEGREE

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

LECTURES GIVEN BY THE STAFF

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

NOVEMBER: (continued)	Center for Criminal Justice, Case Western Reserve University, Basic Police School.
	Cleveland Heights Police Academy, Basic Police School.

BARBARA A. CAMPBELL, MEDICAL TECHNOLOGIST, BA DEGREE

JANUARY:	Lakeland Community College, Lake County, Basic Police School.
FEBRUARY:	American Academy of Forensic Science Annual Meeting, New Orleans, Louisiana.
MARCH:	Mayfield Village Police Department, Trace Evidence Orientation.
APRIL:	U.S. Coast Guard 9th District, Intelligence Unit.
	Cleveland Police Academy, Basic Police School.
JUNE:	Center for Criminal Justice, Case Western Reserve University, Homicide Seminar.
	Lakeland Community College, Lake County, Basic Police School.
JULY:	Lakeland Community College, Lake County, Basic Police School.
NOVEMBER:	Center for Criminal Justice, Case Western Reserve University, Basic Police School.

LINDA M. LUKE, FORENSIC SEROLOGIST, BS DEGREE

APRIL:	Center for Criminal Justice, Case Western Reserve University, Basic Police School, "Interpretation of Bloodstain Patterns."
MAY:	Lake Catholic High School Students, "Serology."
	Cuyahoga Community College Students, "Serology."
JUNE:	Center for Criminal Justice, Case Western Reserve University, Homicide Investigation School, "Serology, Flight Characteristics of Bloodstains."

LECTURES GIVEN BY THE STAFF

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

JUNE: (continued)	University Hospital Medical Technologists, "Serology and Trace Evidence."
JULY:	Pharmacia, BCI, Lake City, SIV-Mansfield Crime "Phast" System.
AUGUST:	Workshop on the Phast System for Isoelectric Focusing on Routine Enzymes.
	Blood Bank Students, "Serology."
	Cleveland Metropolitan General Hospital Medical Technologists, "Serology."
SEPTEMBER:	Cleveland Metropolitan General Hospital Emergency Center, "Collection for Sexual Assault Cases."
NOVEMBER:	Cuyahoga Community College, Department of Law Enforcement, Basic Police School, "Trace Evidence in Sexual Assault and Blood Work Cases."

VISITORS

Hollis Babin, Denison University, Blood Work.

Wanda Foote, Scientific Investigation Unit, Enzymes.

School of Medical Technology, University Hospital:
Martha Howard, Cindy Szakowski, Irene Nixon, Mary Beth Mansione, Lydia Pochedly.

SHARON ROSENBERG, TRACE EVIDENCE TECHNICIAN, BS DEGREE

MARCH:	Cleveland Heights Police Academy, Basic Police School.
	Olmsted Falls High School.
APRIL:	Center for Criminal Justice, Case Western Reserve University, Basic Police School.
MAY:	Wiley Jr. High School Science Classes.

LECTURES GIVEN BY THE STAFF

C. OWEN LOVEJOY, PH.D. ANTHROPOLOGIST CONSULTANT

FEBRUARY:	Department of Anatomy, Medical School, University of Kentucky, Lexington, Kentucky, "Evolution of the Human Hip Joint."
NOVEMBER:	The Origins of Human Sexuality, California Academy of Sciences Symposium, Berkeley, California, "Sex and the Human Fossil Record."

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

	Academy for Forensic Science in New Orleans, "Identification of an Incinerated Edentulous Victim."
	Cleveland Dental Society, "Forensic Dentistry."
	Oral Pathology Students, Forensic Dentistry."

BRADFORD HEPLER, PH.D., ASSOCIATE TOXICOLOGIST

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

LECTURES GIVEN BY THE STAFF

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

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

PUBLICATIONS
BY MEMBERS AND ASSOCIATES OF THE STAFF

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

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

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

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

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

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

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

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

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

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

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

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

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

ADDITION TO

TOXICOLOGY LABORATORY REPORT

AGENTS INCLUDED IN DRUG GROUPS

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

THE 1986 CORONER'S STATISTICAL REPORT

HAS BEEN PREPARED BY:

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