

# 1981 CORONER'S STATISTICAL REPORT

State of Ohio

County of Cuyahoga



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

**1981**

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

**CORONER**

**2121 ADELBERT RD., CLEVELAND, OHIO 44106**

# 1981

NUMBER OF CASES REPORTED\*

/ NUMBER OF CASES ACCEPTED

JANUARY 489 */325	FEBRUARY 352 */244	MARCH 441 */288	APRIL 464 */276
MAY 446 */258	JUNE 367 */247	JULY 432 */261	AUGUST 380 */277
SEPTEMBER 437 */240	OCTOBER 395 */233	NOVEMBER 358 */239	DECEMBER 416 */259
<b>TOTAL 4977 */3147</b>			

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**County of Cuyahoga**  
CORONER'S OFFICE

**S.R. Gerber, M.D.**  
Coroner

**AUGUST, 1982**

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

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

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



# FOREWORD

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

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

- . . . **Accidents in the Home**
- . . . **Accidents While at Work**
- . . . **Vehicular Accidents**
- . . . **Accidents in Other Places**
- . . . **Homicides**
- . . . **Suicides**
- . . . **Violence of Undetermined Origin**
- . . . **Natural Causes**
- . . . **Abortions**
- . . . **Neonatal and Intra-Uterine Deaths**
- . . . **Cause and Origin Undetermined**

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

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

# WHAT IS A CORONER'S CASE?

Sections 313.11 and 313.12 -- Revised Code of State of Ohio

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

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

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

## AVAILABILITY OF PUBLIC RECORDS

Section 149.43 (A) As used in this section:

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

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

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

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

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

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

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

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

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

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

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

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

**RECORDS TO BE PUBLIC; CERTIFIED COPIES AS EVIDENCE**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### SECTION 313.141. FIREARMS

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

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

on a diagnosis giving a reasonable and true cause of death, or to decide that such a body is no longer necessary to assist any such officials in his duties.

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

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

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

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

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

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

**USE OF LABORATORY FOR EMERGENCY OR LAW  
ENFORCEMENT PURPOSES**

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

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

**SECTIONS OF THE CODE PERTAINING TO RELEASE OF INFORMATION**

**PERSONAL INFORMATION SYSTEMS**

**EXEMPTIONS**

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

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

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

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

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

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

## RIGHTS OF SUBJECTS, OR POSSIBLE SUBJECTS, TO INSPECTION

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

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

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

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

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

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

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

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

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

(2) This section does not provide a person who is the subject of personal information maintained in a personal information system, his legal guardian, or an attorney authorized by

the person, with a right to inspect or copy, or require an agency that maintains a personal information system to permit the inspection or copying of a confidential law enforcement investigatory record or trial preparation record, as those terms are defined in divisions (A)(2) and (4) of section 149.43 of the Revised Code.

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

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

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

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

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

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

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



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

#### REMOVAL OF DONOR EYES FOR CORNEAL TRANSPLANTS

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

(1) "Eye Bank" means a nonprofit corporation organized under the laws of this state, the purposes of which include obtaining, storing and distributing eyes to be used for corneal transplants or other medical or medical research purposes and which is exempt from federal taxation under subsection 501 (c) of the internal revenue code.

(2) "Eye Bank Official" means a person authorized by the trustees of an eye bank to make requests for eyes to be used for corneal transplants or other medical or medical research purposes.

(B) A county coroner who performs an autopsy, pursuant to section 313.13 of the revised code, may remove one or both eyes from the body of the deceased or authorized a physician or surgeon licensed pursuant to section 4731.14 of the revised code, an embalmer authorized under section 2108.071 of the revised code to enucleate eyes, or an eye technician certified pursuant to section 4731.94 of the revised code to remove one or both eyes from the body of the deceased, provided that:

(1) The eye or eyes are not necessary for the successful completion of the autopsy or for evidence;

(2) An eye bank official has requested the removal of one or both eyes and certified to the coroner in writing that the eye or eyes will only be used for corneal transplants or other medical

research purposes;

(3) The removal of the eye or eyes and their gift to the eye bank does not alter a gift made by the decedent or any other person authorized under this chapter to make a gift of one or both of the decedent's eyes to an agency or organization other than the eye bank;

(4) The county coroner authorized to perform the autopsy or the eye bank official who requested the removal of one or both eyes for medical purposes have made a reasonable effort to notify the family of the decedent of the request and no objection is made to the removal of one or both eyes prior to the removal by any of the following:

(a) The deceased person in a written document executed during his lifetime;

(b) The decedent's spouse;

(c) If there is no spouse, 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 actual knowledge of objection to the removal of an eye or eyes of a deceased is not liable in any civil or criminal action brought against him.

Section 4731.94. The state medical board, established pursuant to section 4731.01 of the revised code, shall certify a training program in the removal of eyes to be taught by a person licensed under sections 4731.14 or 4731.29 of the revised code as a physician who specializes in the treatment of eye diseases. The training program shall include courses in anatomy and physiology of the eye, instruction in maintaining a sterile field during the removal of an eye, and the use of appropriate instruments. Upon the successful completion of the course, as determined by the state medical board, a person shall be certified by the board as an eye technician.

**PHYSICAL ABUSE AND NEGLECT OF CHILDREN**

**(BATTERED CHILD SYNDROME)**

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

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

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

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

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

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

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

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

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

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

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

The county department of welfare or children services board shall investigate, within twenty-four hours, each report referred to it under this section to determine the circumstances surrounding the injury or injuries, abuse, or neglect, the cause thereof, and the person or persons responsible. The investigation shall be made in cooperation with the law enforcement agency. The county department of welfare or children services board shall report each case to a central registry which the state department of public welfare shall maintain in order to determine whether prior reports have been made in other counties concerning the child or other principals in the case. The department or board shall submit a report of its investigation, in writing to the law enforcement agency.

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

Anyone or any hospital, institution, school, health department, or agency participating in the making of the reports,

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

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

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

Reports required by this section shall result in protective services and emergency supportive services being made available by the county department of welfare or children services board on behalf of children about who (sic) the reports are made, in an effort to prevent further neglect or abuse, to enhance their welfare, and whenever possible, to preserve the family unit intact. The department of public welfare shall exercise rule-making authority under Chapter 119. of the Revised Code to aid in the implementation of this section.

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

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

(B) No physician, limited practitioner, nurse, or person giving aid to a sick or injured person, shall negligently fail to

report to law enforcement authorities any gunshot or stab wound treated or observed by him, or any serious physical harm to persons which he knows or has reasonable cause to believe resulted from an offense of violence.

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

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

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

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

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

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

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

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

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

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

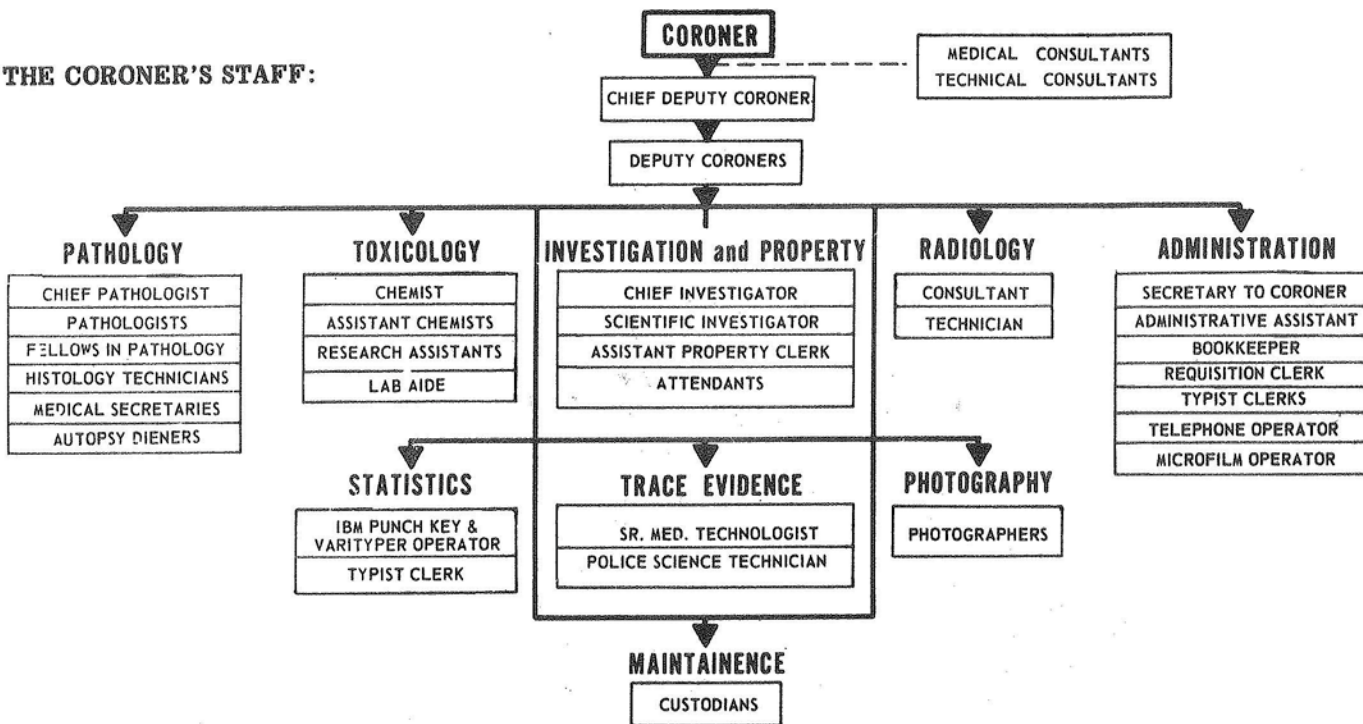
division (B) of this section is a misdemeanor of the second degree.

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

WHO SIGNS THE DEATH CERTIFICATE?

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

**THE CORONER'S STAFF:**



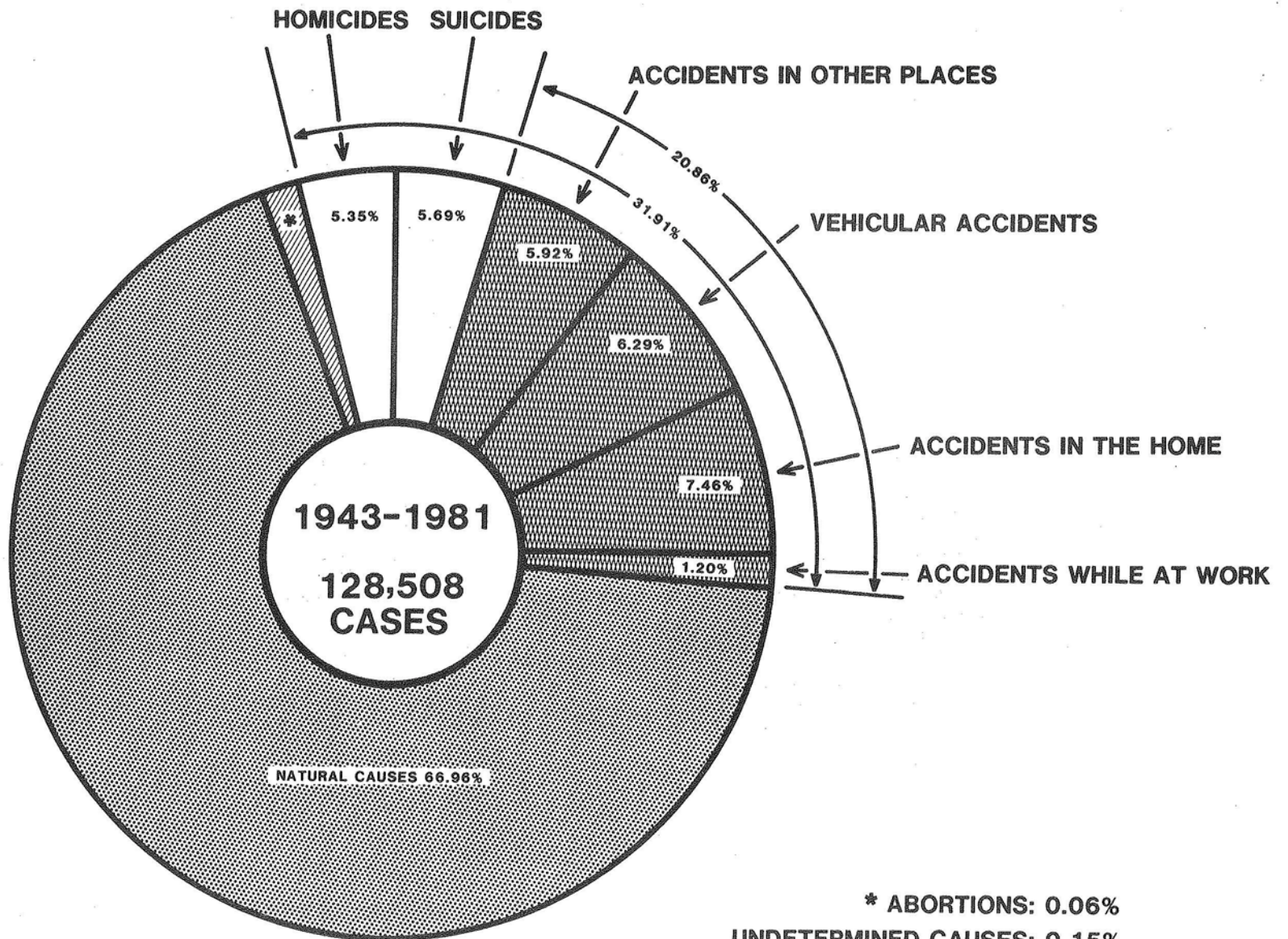
CORONER.....	1
<b>ADMINISTRATION</b>	
Secretary to Coroner-Office Manager.....	1
Secretaries.....	2
Bookkeeper-Requisition Clerks.....	2
Recording Clerks.....	7
Microfilm Operator.....	1
Telephone Operator-Receptionist.....	1
Librarian.....	1
Communications Clerk.....	1
<b>INVESTIGATION AND PROPERTY DEPARTMENT</b>	
Administrative Assistant-Chief Investigator.....	1
Investigator-Property Clerk.....	2
Desk Attendants.....	9
Custodians.....	2
Driver-Messenger.....	1
<b>ODONTOLOGY</b>	
Odontologist.....	2*
<b>PATHOLOGY DEPARTMENT</b>	
Chief Deputy Coroner-Chief Pathologist.....	1
Pathologists.....	3
Associate Pathologists.....	2
Histology Technicians.....	2
Medical Secretaries.....	2 & 1*
Autopsy Dieners.....	3 & 1*

<b>ANTHROPOLOGY DEPARTMENT</b>	
Anthropologist.....	1*
<b>PHOTOGRAPHY DEPARTMENT</b>	
Photographers.....	3 & 1**
<b>RADIOLOGY</b>	
Radiologist.....	1*
(Technician-Autopsy Diener Included Above)	
<b>STATISTICAL DEPARTMENT</b>	
Data Processing Clerks.....	3
<b>TOXICOLOGY DEPARTMENT</b>	
Chemist-Toxicologist.....	1
Associate Toxicologist.....	1
Analytical Chemists.....	2
Research Assistants.....	4
Secretary.....	1
Lab Aide.....	1
Lab Technicians.....	3
<b>TRACE EVIDENCE</b>	
Senior Medical Technologist.....	1
Medical Technologist.....	2
Electrophoresis Technician.....	1
Lab Aide.....	1
<b>TOTAL.....</b>	<b>69</b>

6\* & 1\*\*

\* Part time, \*\* Salaries paid by CETA.

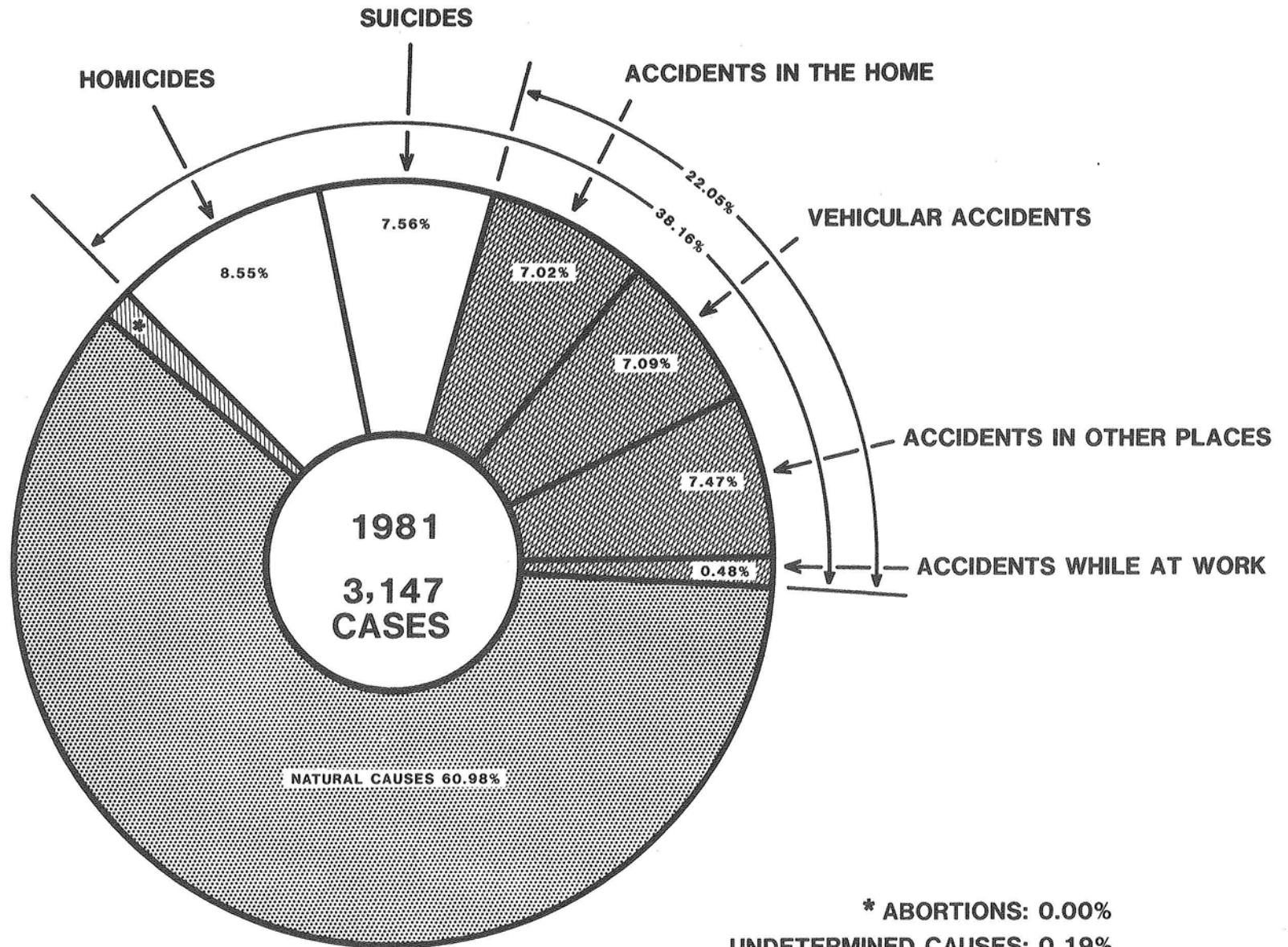
# TYPES OF CASES RECEIVED BY THE COUNTY OF CUYAHOGA CORONER'S OFFICE



DEATHS FROM VIOLENCE: 32.43%  
DEATHS FROM NATURAL CAUSES: 67.57%

\* ABORTIONS: 0.06%  
UNDETERMINED CAUSES: 0.15%  
VIOLENCE OF UNDETERMINED ORIGIN: 0.53%  
NEONATAL AND INTRAUTERINE DEATHS: 0.40%

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

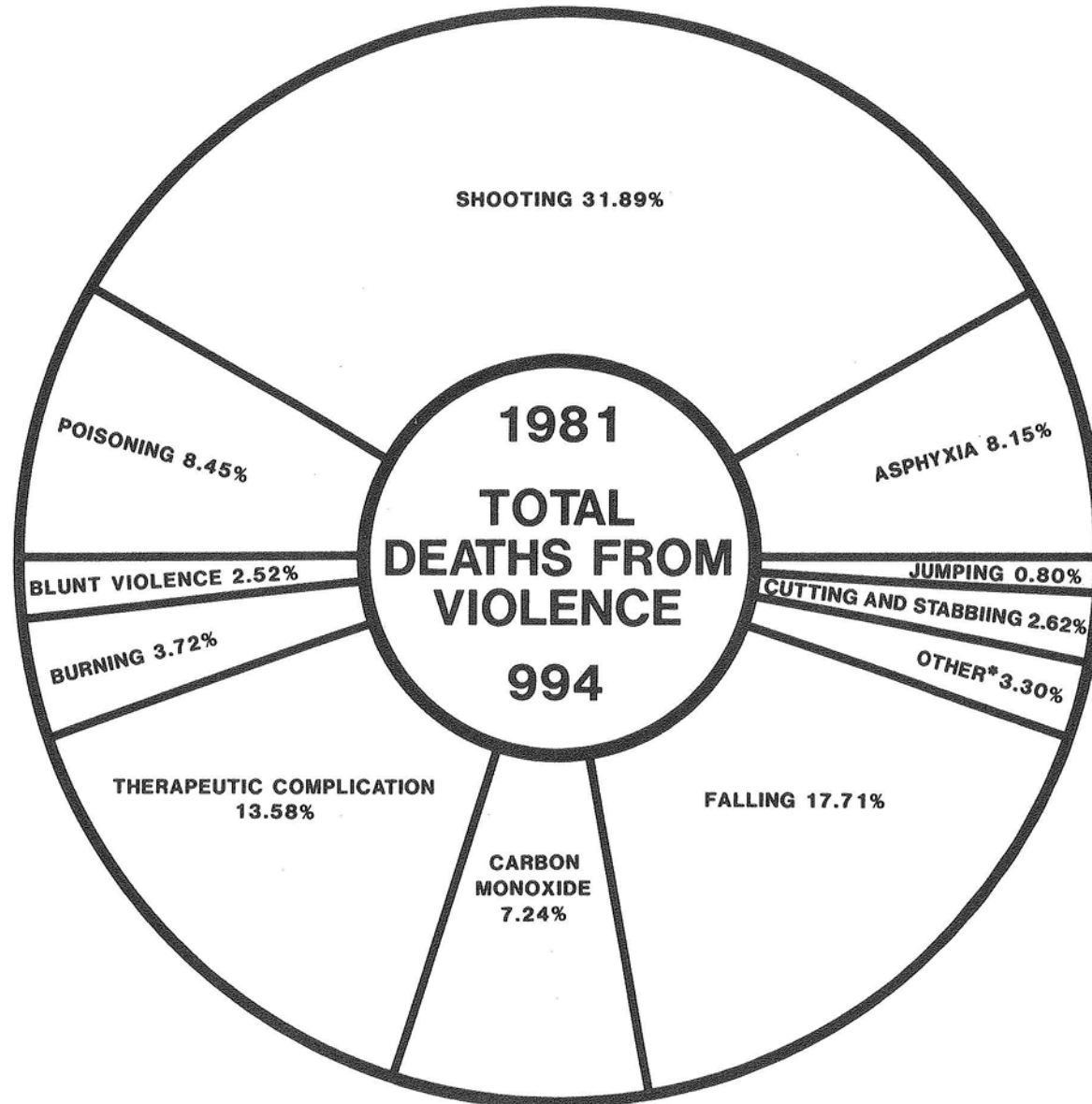


DEATHS FROM VIOLENCE: 38.67%  
DEATHS FROM NATURAL CAUSES: 61.33%

\* ABORTIONS: 0.00%  
UNDETERMINED CAUSES: 0.19%  
VIOLENCE OF UNDETERMINED ORIGIN: 0.51%  
NEONATAL AND INTRAUTERINE DEATHS: 0.16%

# FATALITIES RESULTING FROM VIOLENCE

## MODE OF OCCURRENCE 1981

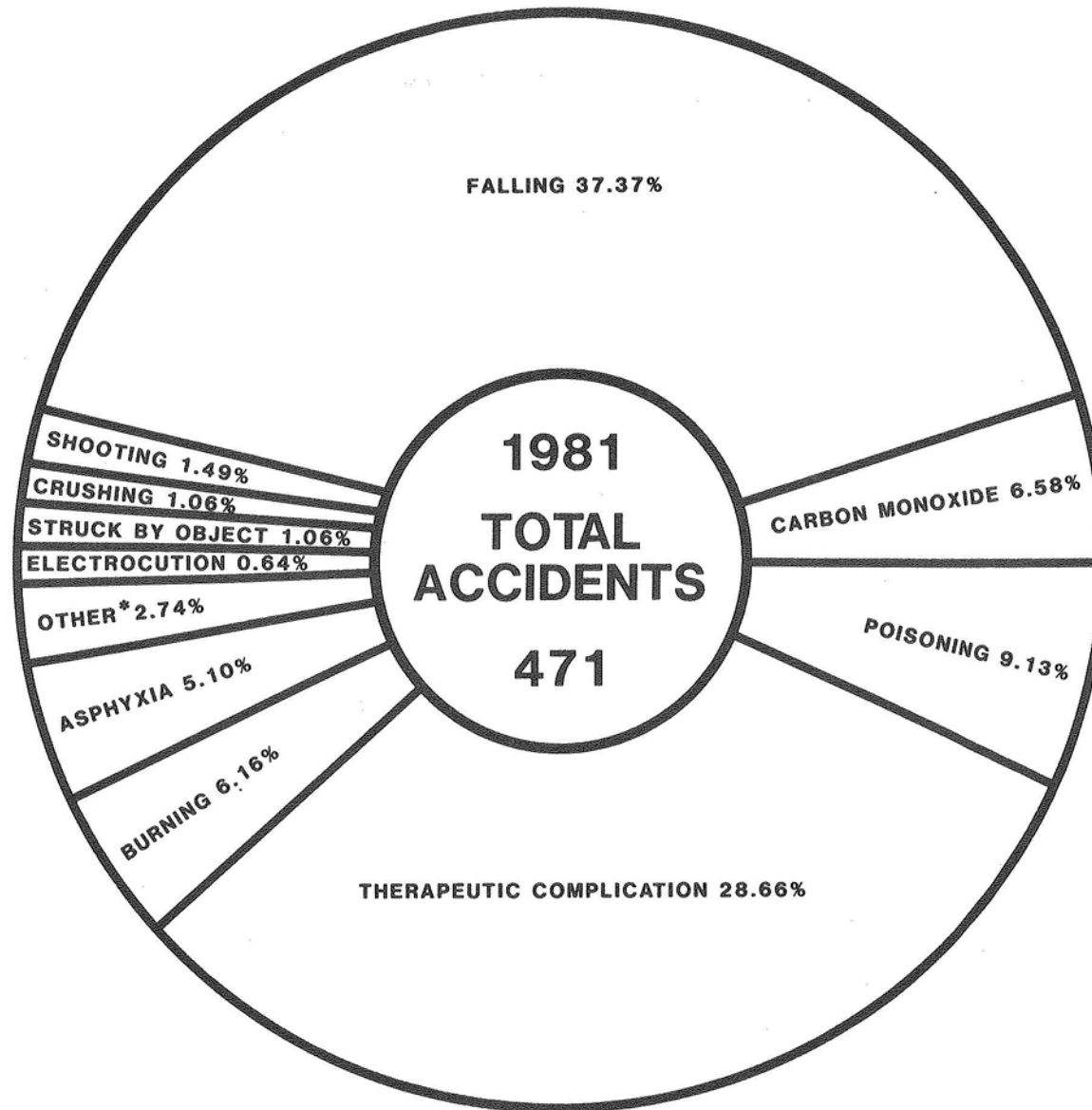


\*AIRPLANE CRASH, CRUSHING, ELECTROCUTION, EXPLOSION, EXPOSURE, INJURY TO HEAD AND BODY, STRESS, STRUCK BY OBJECT AND OTHERS.



# FATALITIES RESULTING FROM ACCIDENTS

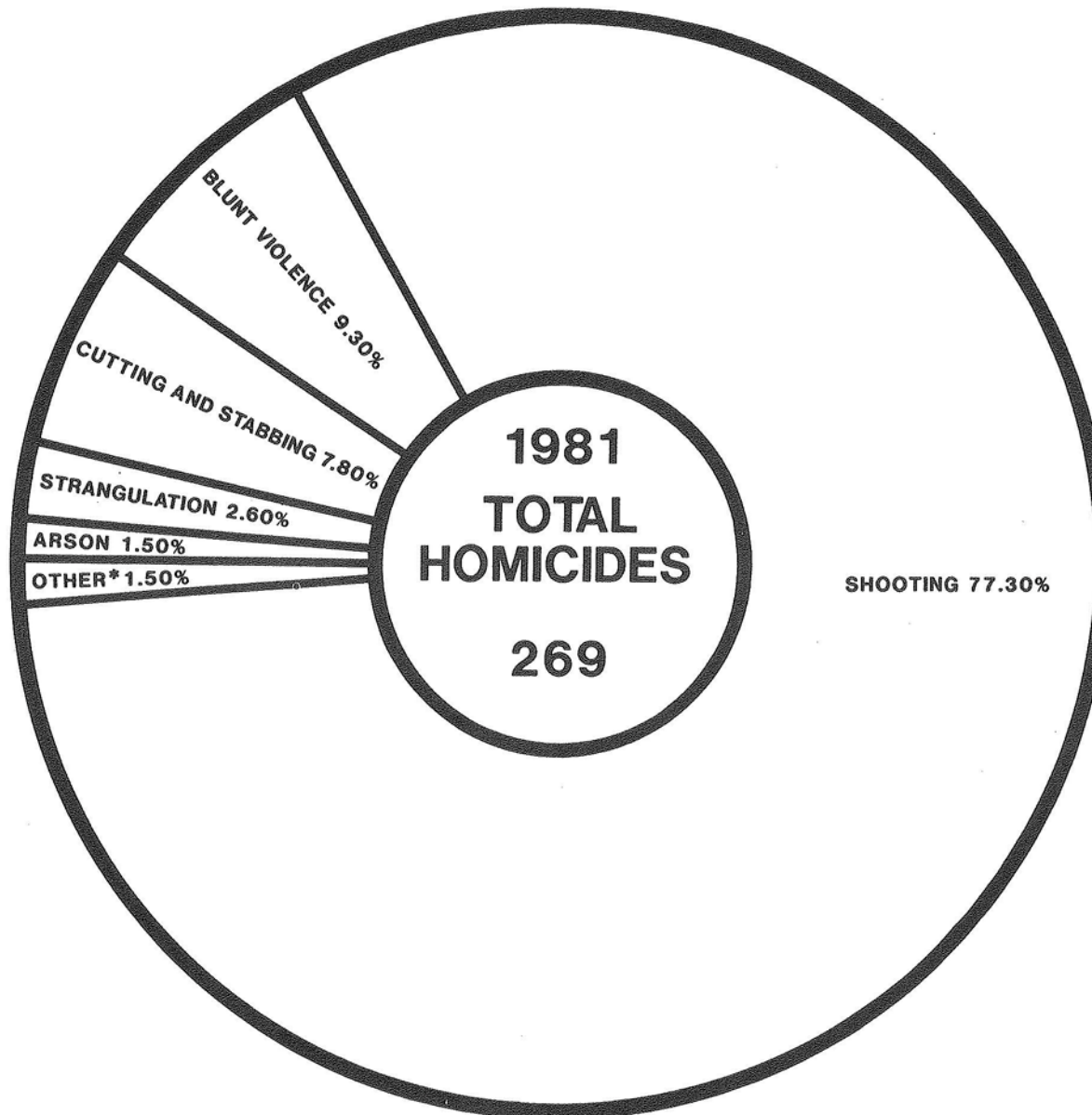
## MODE OF OCCURRENCE 1981



\*AIRPLANE CRASH, CUTTING AND STABBING, EXPLOSION, EXPOSURE, JUMPING, UNDETERMINED MODE, OBSTRUCTION OF LARYNGECTOMY OPENING, INJURY DURING SEIZURE, TRAUMATIC DELIVERY AND RESTRAINT.

# FATALITIES RESULTING FROM HOMICIDES

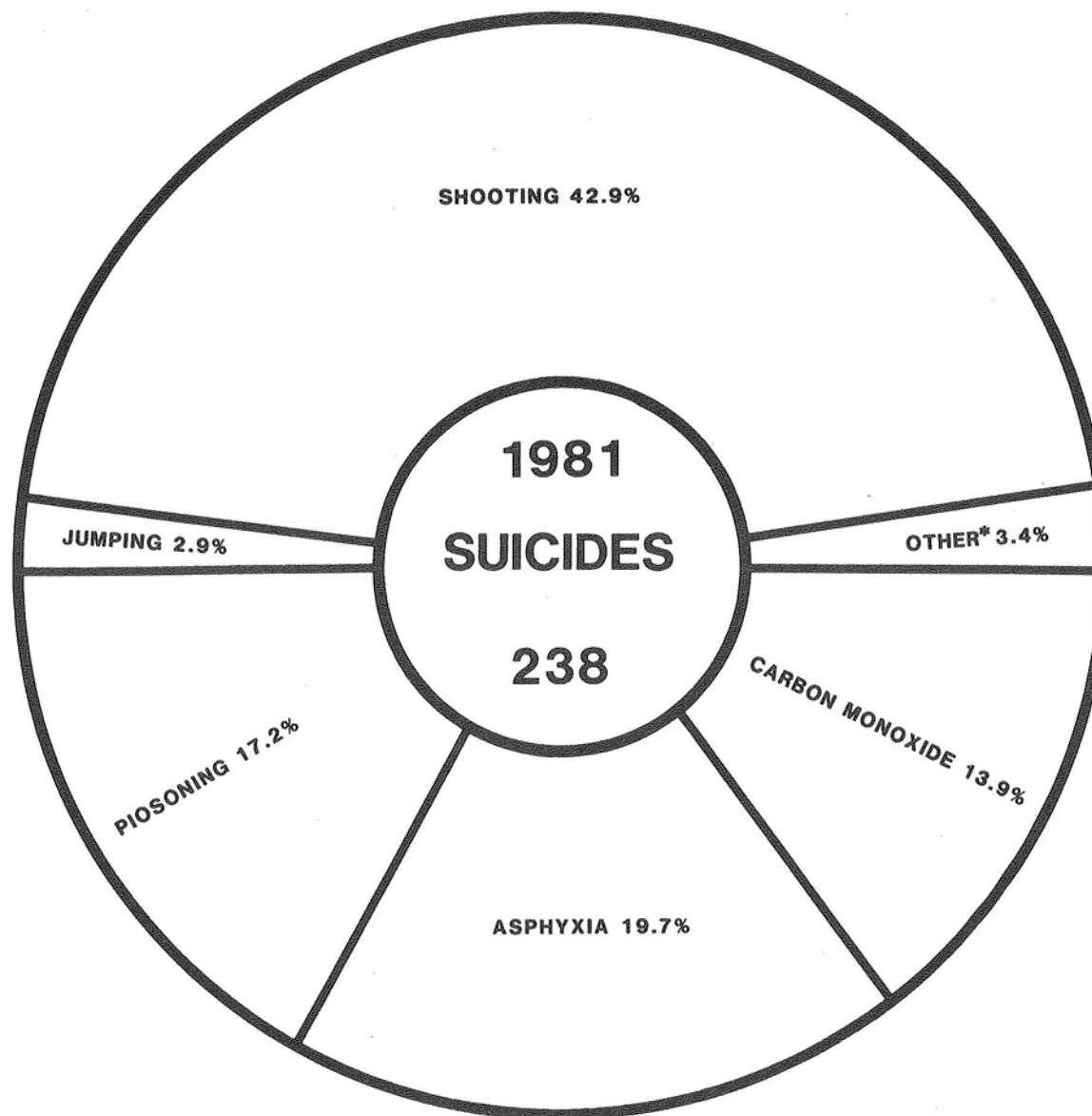
## MODE OF OCCURRENCE 1981



\*EXPOSURE, SMOTHERING AND STRESS.

# FATALITIES RESULTING FROM SUICIDES

## MODE OF OCCURRENCE 1981



\* BURNING, CUTTING, STABBING AND DROVE AUTO INTO BRIDGE.

# TYPES OF FATALITIES AND MISCELLANEOUS INFORMATION

## 1980 and 1981

**TABLE A**

	1980	1981
ACCIDENTS IN THE HOME	223	221
ACCIDENTS WHILE AT WORK	17	15
VEHICULAR ACCIDENTS	227	223
ACCIDENTS IN OTHER PLACES	246	235
HOMICIDES	314	269
SUICIDES	237	238
VIOLENCE OF UNDETERMINED ORIGIN	18	16
TOTAL VIOLENT DEATHS	1282	1217
NATURAL CAUSES	2245	1919
ABORTIONS	0	0
NEONATAL AND INTRA-UTERINE DEATHS	6	5
UNDETERMINED CAUSES	7	6
CASES REPORTED - ADMITTED	3540	3147
CASES REPORTED - NOT ADMITTED	2115	1830
AUTOPSIES (HOSPITALS INCLUDED)	1521*	1388**
AUTOPSIES - PERFORMED FOR OTHER COUNTIES	60	48
UNIDENTIFIED BODIES	3	9
UNIDENTIFIED FOETUSES	2	0
IDENTIFIED AND UNCLAIMED	22	15
DEATHS IN CUYAHOGA COUNTY	16,481	-
PERCENTAGE OF DEATHS ADMITTED	21%	-

\* Includes 144 Autopsies performed at hospitals  
 \*\* Includes 143 Autopsies performed at hospitals  
 - Not Available at time of Publication

# TYPES OF FATALITIES-SEX, RACE, AUTOPSY

**TABLE B**

	TOTAL	SEX		RACE		AUTOPSIED* CASES	% OF TOTAL
		MALE	FEMALE	WHITE	NON-WHITE		
ACCIDENTS IN THE HOME	221	119	102	164	57	115	52.04
ACCIDENTS WHILE AT WORK	15	15	0	10	5	13	86.67
VEHICULAR ACCIDENTS	223	155	68	178	45	141	63.23
ACCIDENTS IN OTHER PLACES	235	139	96	181	54	218	92.77
HOMICIDES	269	219	50	95	174	266	98.88
SUICIDES	238	169	69	194	44	137	57.56
VIOLENCE OF UNDETERMINED ORIGIN	16	13	3	9	7	16	100.00
NATURAL CAUSES	1919	1204	715	1332	587	473	24.65
ABORTIONS	0	0	0	0	0	0	00.00
NEONATAL AND INTRA-UTERINE DEATH	5	2	3	4	1	3	60.00
UNDETERMINED CAUSES	6	5	1	4	2	6	100.00
<b>GRAND TOTAL</b>	<b>3147</b>	<b>2040</b>	<b>1107</b>	<b>2171</b>	<b>976</b>	<b>1388</b>	<b>44.11</b>

\* Includes 143 hospital autopsies

# TYPES OF FATALITIES 1980 and 1981 INCIDENCE COMPARED

**TABLE C**

	PERCENTAGE OF TOTAL CASES ADMITTED	
	1980	1981
ACCIDENTS IN THE HOME	6.30	7.02
ACCIDENTS WHILE AT WORK	0.48	0.48
VEHICULAR ACCIDENTS	6.41	7.09
ACCIDENTS IN OTHER PLACES	6.95	7.47
HOMICIDES	8.87	8.55
SUICIDES	6.69	7.56
VIOLENCE OF UNDETERMINED ORIGIN	0.51	0.51
<b>TOTAL OF VIOLENT DEATHS</b>	<b>36.21</b>	<b>38.67</b>
NATURAL CAUSES	63.42	60.98
ABORTIONS	0.00	0.00
NEONATAL AND INTRA-UTERINE DEATHS	0.17	0.16
UNDETERMINED CAUSES	0.20	0.19

# 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	221	105	47.51	35	33.33
ACCIDENTS WHILE AT WORK	15	8	53.33	2	25.00
VEHICULAR ACCIDENTS	223	177	79.37	76	42.94
ACCIDENTS IN OTHER PLACES	235	58	24.68	26	44.83
<b>TOTAL</b>	694	348	50.14	139	39.94
HOMICIDES	269	234	86.99	141	60.26
SUICIDES	238	213	89.50	70	32.86
VIOLENCE OF UNDETERMINED ORIGIN	16	12	75.00	3	25.00
<b>TOTAL</b>	1217	807	66.31	353	43.74
NATURAL CAUSES	1919	1603	83.53	227	14.16
ABORTIONS	0	0	00.00	0	00.00
UNDETERMINED CAUSES	6	3	50.00	3	100.00

# VEHICULAR FATALITIES

## DAILY ALCOHOL INCIDENCE

**TABLE E**

DAY	MOTORCYCLIST (1) NUMBER OF CASES		DRIVER (2) NUMBER OF CASES		PASSENGER (3) NUMBER OF CASES		PEDESTRIAN (4) NUMBER OF CASES		TOTAL NUMBER OF CASES	
	TESTED	POSITIVE	TESTED	POSITIVE	TESTED	POSITIVE	TESTED	POSITIVE	TESTED	POSITIVE
SUNDAY	3	1	10	3	10	5	2	1	25	10
MONDAY	2	0	6	1	6	2	2	1	16	4
TUESDAY	5	2	9	4	2	0	8	3	24	9
WEDNESDAY	1	0	8	7	2	2	8	4	19	13
THURSDAY	1	0	8	5	2	1	7	3	18	9
FRIDAY	2	1	16	6	7	2	7	2	32	11
SATURDAY	1	0	18	10	15	8	6	2	40	20
<b>TOTAL</b>	<b>15</b>	<b>4</b>	<b>75</b>	<b>36</b>	<b>44</b>	<b>20</b>	<b>40</b>	<b>16</b>	<b>174</b>	<b>76</b>

(1) SEE TABLE 59 - A

(2) SEE TABLE 58 AND 59

(3) SEE TABLE 60

(4) SEE TABLE 61



# SUMMARY CHART

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

### COUNTY OF CUYAHOGA

**TABLE F**

CITIES	TOTAL INSIDE CASES		NATURAL CAUSES		HOME, WORK AND OTHER ACCIDENTS		VEHICULAR ACCIDENTS		HOMICIDE		SUICIDE	
	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases
Cleveland	1922	61.07	1147	59.68	287	14.93	106	5.52	241	12.54	118	6.14
Bay Village	8	0.25	2	25.00	5	62.50					1	12.50
Beachwood	10	0.32	2	20.00	5	50.00	1	10.00	1	10.00	1	10.00
Bedford	38	1.21	25	65.79	4	10.53	1	2.63	1	2.63	7	18.42
Bedford Heights	11	0.35	8	72.73	1	9.09	1	9.09			1	9.09
Berea	14	0.44	7	50.00	1	7.14	2	14.29	1	7.14	3	21.43
Brecksville	10	0.32	4	40.00	1	10.00	1	10.00			3	30.00
Broadview Heights	7	0.22	2	28.57			4	57.14			1	14.29
Brooklyn	13	0.41	6	46.15	2	15.38	1	7.69	1	7.69	2	15.38
Brook Park	14	0.44	4	28.57	4	28.57	2	14.29	1	7.14	3	21.43
Cleveland Heights	42	1.33	21	50.00	14	33.33	3	7.14	1	2.38	3	7.14
East Cleveland	131	4.16	101	77.10	15	11.45	2	1.53	9	6.87	3	2.29
Euclid	107	3.40	74	69.16	14	13.08	7	6.54	2	1.87	10	9.35
Fairview Park	7	0.22	3	42.86	2	28.57	1	14.29			1	14.29
Garfield Heights	71	2.26	56	78.87	4	5.63	1	1.41	4	5.63	6	8.45
Highland Heights	1	0.03									1	100.00
Independence	6	0.19			1	16.67	5	83.33				
Lakewood	112	3.56	77	68.75	17	15.18	6	5.36	1	0.89	11	9.82
Lyndhurst	8	0.25	4	50.00	3	37.50					1	12.50
Maple Heights	23	0.73	14	60.87	3	13.04	2	8.70			4	17.39
Mayfield Heights	52	1.65	48	92.31	3	5.77						
Middleburg Heights	59	1.87	58	98.31			1	1.69				
North Olmsted	14	0.44	7	50.00	4	28.57					3	21.43
North Royalton	12	0.38	4	33.33	3	25.00	4	33.33			1	8.33
Olmsted Falls	2	0.06					1	50.00			1	50.00
Parma	108	3.43	78	72.22	16	14.81	7	6.48	2	1.85	5	4.63
Parma Heights	15	0.48	8	53.33	1	6.67			1	6.67	5	33.33
Pepper Pike	0	0.00										
Richmond Heights	35	1.11	28	80.00	2	5.71	2	5.71			3	35.00
Rocky River	23	0.73	10	43.48	3	13.04	4	17.39			6	26.09
Seven Hills	6	0.19	4	66.67	1	16.67	1	16.67				
Shaker Heights	12	0.38	4	33.33	3	25.00	2	16.67			3	25.00
Solon	7	0.22	2	28.57	1	14.29	3	42.86			1	14.29
South Euclid	20	0.64	9	45.00	5	25.00	3	15.00			3	15.00
Strongsville	17	0.54	6	35.29	3	17.65	3	17.65			5	29.41
University Heights	6	0.19	2	33.33	2	33.33					2	33.33
Warrensville Heights	63	2.00	57	90.48	3	4.76	2	3.17			1	1.59
Westlake	31	0.99	23	74.19	5	16.13	2	6.45			1	3.23

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

# SUMMARY CHART

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

### COUNTY OF CUYAHOGA

**TABLE F cont.**

VILLAGES AND TOWNSHIPS	TOTAL INSIDE CASES		NATURAL CAUSES		HOME, WORK AND OTHER ACCIDENTS		VEHICULAR ACCIDENTS		HOMICIDE		SUICIDE	
	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases
Bentleyville	0											
Bratenahl	1	0.03									1	100.00
Brooklyn Heights	1	0.03	1	100.00								
Chagrin Falls	3	0.10	1	33.33	1	33.33					1	33.33
Cuyahoga Heights	3	0.10					3	100.00				
Gates Mills	4	0.13			2	50.00					2	50.00
Glenwillow	0											
Hunting Valley	0											
Linddale	0											
Mayfield	3	0.10			1	33.33					2	66.67
Moreland Hills	2	0.06					1	50.00			1	50.00
Newburgh Heights	2	0.06	2	100.00								
North Randall	1	0.03			1	100.00						
Oakwood	4	0.13	1	25.00	1	25.00					2	50.00
Orange	2	0.06	1	50.00							1	50.00
Valley View	6	0.19			1	16.67	3	50.00	1	16.67	1	16.67
Walton Hills	3	0.10			1	33.33					2	66.67
Woodmere	1	0.03	1	100.00								
<b>TOWNSHIPS</b>												
Chagrin Falls	1	0.03	1	100.00								
Olmsted	7	0.22	4	57.14	1	14.29	2	28.57				
River Edge	1	0.03	1	100.00								
Warrensville	4	0.13	1	25.00	2	50.00					1	25.00
Turnpike in County	2	0.06					2	100.00				

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

# DEATHS IN COUNTY, DEATHS REPORTED TO CORONER

## CASES RECEIVED 1943-1981

**TABLE G**

COUNTY POPULATION 1940: 1,217,250					
DEATHS IN COUNTY	TOTAL DEATHS REPORTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY	CASES ADMITTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY	
1943: 13,931	2,739	19.7%	1,434	10.3%	
1944: 13,234	2,544	19.2%	1,420	10.7%	
1945: 13,104	2,624	20.0%	1,478	11.3%	
1946: 13,049	2,890	22.0%	1,588	12.0%	
1947: 13,946	3,120	22.4%	1,904	13.6%	
1948: 13,695	3,203	23.4%	1,924	14.0%	
1949: 13,837	3,849	25.2%	2,012	14.4%	

COUNTY POPULATION 1950: 1,389,532					
DEATHS IN COUNTY	TOTAL DEATHS REPORTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY	CASES ADMITTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY	
1950: 13,769	3,431	24.9%	2,218	16.8%	
1951: 14,156	3,496	24.7%	2,213	14.7%	
1952: 14,727	3,477	23.6%	2,183	14.8%	
1953: 14,896	3,646	24.5%	2,392	16.0%	
1954: 14,607	3,851	26.3%	2,767	18.9%	
1955: 14,751	4,085	27.8%	2,945	20.0%	
1956: 15,389	4,651	30.2%	3,259	21.1%	
1957: 16,063	4,634	28.8%	3,274	20.3%	
1958: 15,919	4,963	31.2%	3,602	22.6%	
1959: 16,088	4,328	26.9%	3,626	22.5%	

COUNTY POPULATION 1960: 1,647,895					
DEATHS IN COUNTY	TOTAL DEATHS REPORTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY	CASES ADMITTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY	
1960: 16,425	5,159	31.4%	3,513	21.4%	
1961: 16,144	5,019	31.1%	3,622	22.7%	
1962: 16,701	5,231	31.3%	3,883	23.3%	
1963: 17,142	5,385	31.4%	4,083	23.8%	
1964: 16,915	5,490	32.5%	4,037	23.9%	
1965: 17,062	5,227	30.6%	4,012	23.5%	
1966: 17,415	5,303	30.5%	4,136	23.7%	
1967: 17,300	5,518	31.9%	4,141	23.9%	
1968: 18,087	5,997	33.2%	4,455	24.6%	
1969: 17,287	5,415	31.3%	4,436	25.7%	

COUNTY POPULATION 1970: 1,721,300					
DEATHS IN COUNTY	TOTAL DEATHS REPORTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY	CASES ADMITTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY	
1970: 17,305	5,125	29.6%	4,314	24.9%	
1971: 16,834	5,163	30.8%	4,246	25.2%	
1972: 17,267	5,602	32.4%	4,384	25.4%	
1973: 17,234	4,908	28.5%	4,321	25.1%	
1974: 16,948	5,118	30.2%	4,228	25.0%	
1975: 16,013	4,795	29.9%	4,005	25.0%	
1976: 16,252	4,630	28.5%	4,085	25.1%	
1977: 16,124	4,831	30.0%	4,185	25.9%	
1978: 16,562	4,472	27.0%	3,669	22.1%	
1979: 16,359	4,847	29.6%	3,782	23.1%	

COUNTY POPULATION 1980: 1,498,295					
DEATHS IN COUNTY	TOTAL DEATHS REPORTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY	CASES ADMITTED TO CORONER'S OFFICE	% OF DEATHS IN COUNTY	
1980: 16,481	5,655	34.3%	3,540	21.5%	
1981: -	4,977	-	3,147	-	

- Not available at time of publication.

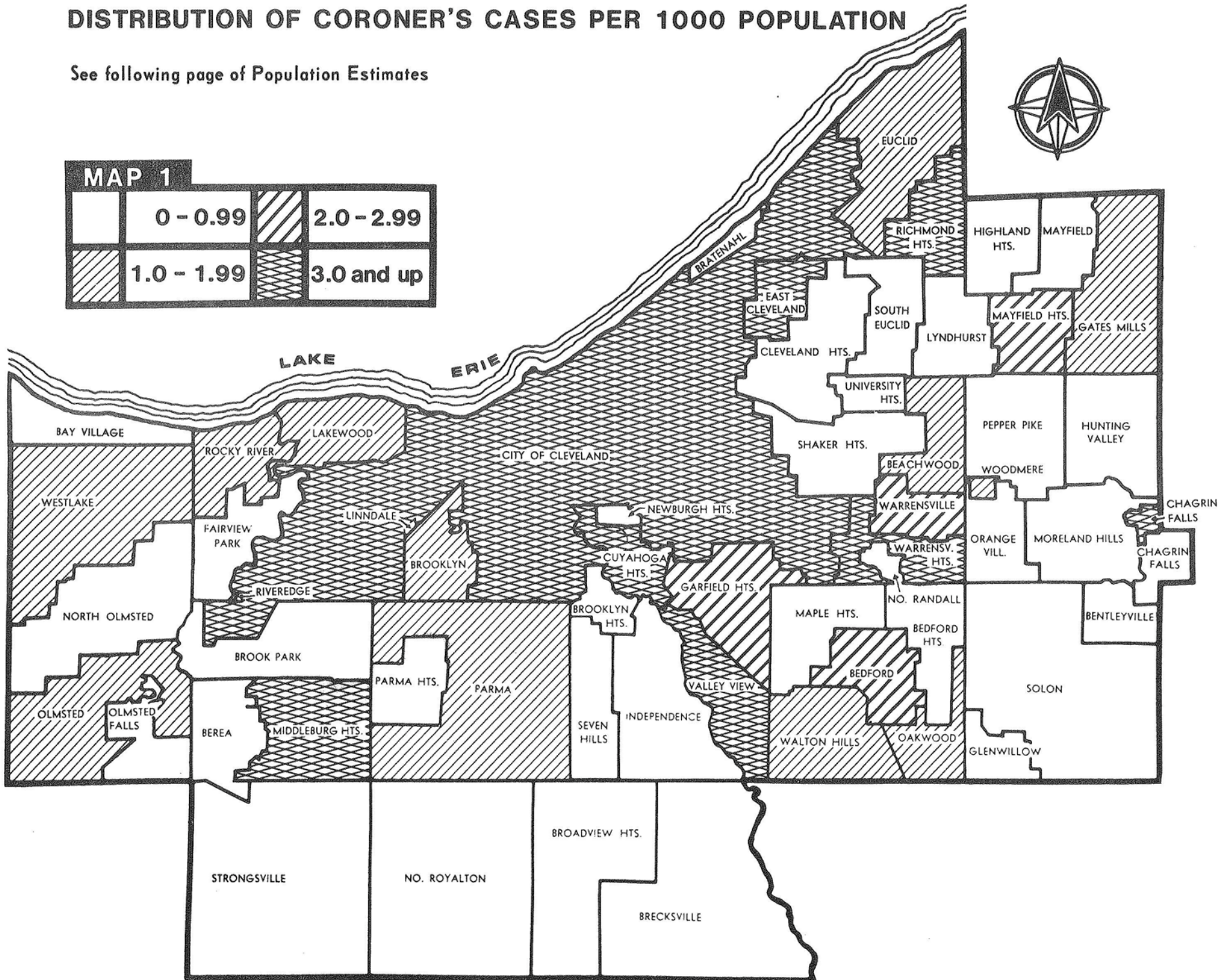
# DISTRIBUTION OF CORONER'S CASES PER 1000 POPULATION

See following page of Population Estimates



**MAP 1**

0 - 0.99	2.0 - 2.99
1.0 - 1.99	3.0 and up



1981

POPULATION OF CUYAHOGA COUNTY BY CITIES, VILLAGES AND TOWNSHIPS

( 1980 Census )

CITIES

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

CITIES

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

VILLAGES

Bentleyville . . . . .	381
Bratenahl . . . . .	1,485
Brooklyn Heights . . . . .	1,653

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

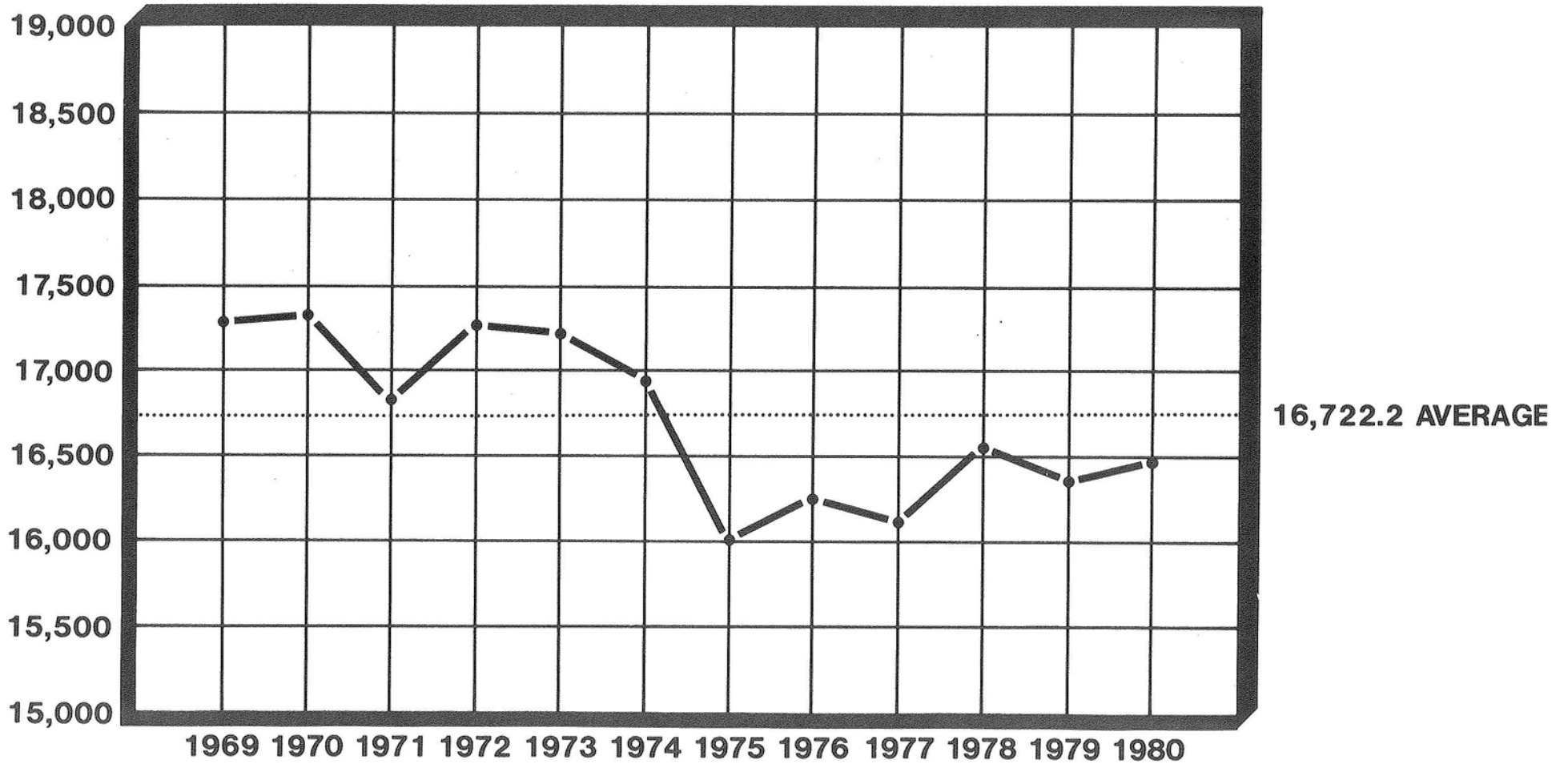
TOWNSHIPS

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

POPULATION OF CUYAHOGA COUNTY

1,498,295

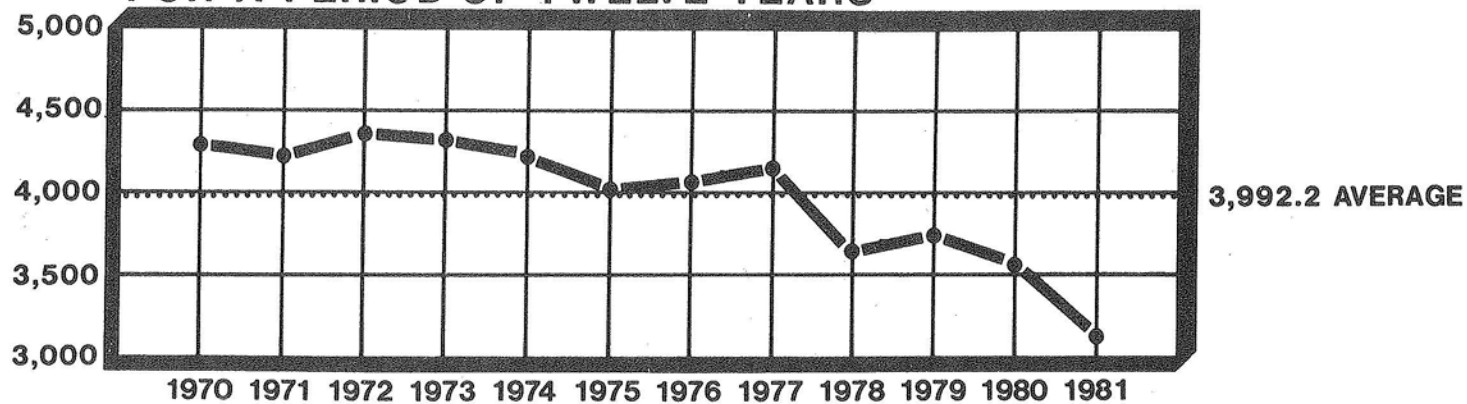
## TOTAL OF ALL DEATHS IN CUYAHOGA COUNTY FOR A PERIOD OF TWELVE YEARS



1981 - TOTAL DEATHS NOT AVAILABLE AT TIME OF PUBLICATION.

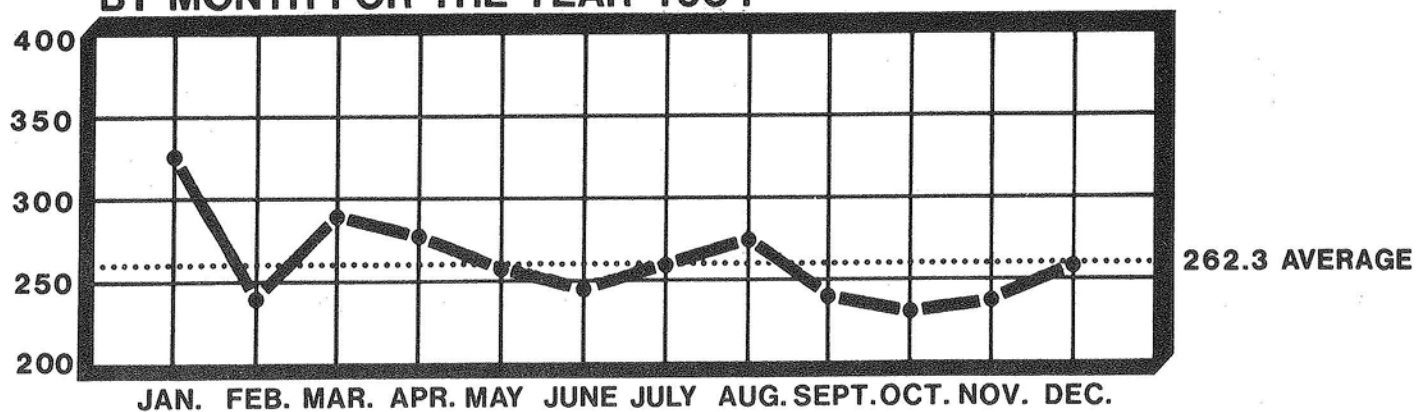
# SUMMARY OF CORONER'S CASES

## FOR A PERIOD OF TWELVE YEARS



1970 - 1981
TOTAL CASES
47,906

## BY MONTH FOR THE YEAR 1981



1981
TOTAL CASES
3147

## SUMMARY OF ALL FATALITIES BY TYPE, LOCATION WITH MISCELLANEOUS DATA

**TABLE 1**

TYPE OF FATALITY	COUNTY			OUT OF COUNTY	TOTAL	MISCELLANEOUS	TOTAL
	CLEVELAND	OTHER CITIES	REST OF COUNTY				
ACCIDENTS IN THE HOME	103	100	5	13	221	CASES REPORTED - NOT ADMITTED	1830
ACCIDENTS WHILE AT WORK	7	3	2	3	15	AUTOPSIES **	1388
VEHICULAR ACCIDENTS *	106	75	11	31	223	AUTOPSIES (performed for other counties)	48
ACCIDENTS IN OTHER PLACES	177	48	4	6	235	UNIDENTIFIED BODIES	9
HOMICIDES	241	25	1	2	269	UNIDENTIFIED FOETUSES	0
SUICIDES	118	102	14	4	238	IDENTIFIED AND UNCLAIMED BODIES	15
VIOLENCE OF UNDETERMINED ORIGIN	15	1	0	0	16	DEATHS IN CUYAHOGA COUNTY	-
<b>TOTAL VIOLENT DEATHS</b>	<b>767</b>	<b>354</b>	<b>37</b>	<b>59</b>	<b>1217</b>		
NATURAL CAUSES	1147	758	14	0	1919		
NEONATAL & INTRA-UTERINE DEATH	4	1			5		
ABORTIONS					0		
UNDETERMINED CAUSES	4	2			6		
<b>TOTAL CASES REPORTED AND ADMITTED</b>	<b>1922</b>	<b>1115</b>	<b>51</b>	<b>59</b>	<b>3147</b>		

\* Vehicular Accidents, Summary Tables 1,2,4,6, and 8 are tabulated by date of death reflecting fatalities received in 1981  
 \*\* Includes 143 autopsies performed at hospitals.  
 - Not available at time of publication.  
 Rest of County includes Turnpikes, Villages and Townships.



# 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	18	15	3	9	5	11	8	5	11	13	11	3	12	6	10	13	12	10	9	4	8	7	12	6	119	102	221
ACCIDENTS WHILE AT WORK			1				1		3		4		1		2		2		1						15		15
VEHICULAR ACCIDENTS	10	4	4	5	10	4	14	9	12	4	17	2	21	8	18	7	17	5	11	6	13	8	8	6	155	68	223
ACCIDENTS IN OTHER PLACES	14	10	7	7	11	8	11	8	13	6	11	9	17	7	15	9	10	8	10	7	6	5	14	12	139	96	235
HOMICIDE	18	6	19	3	27	4	17	4	21	3	22	10	21	5	20	3	12	4	17	3	16	2	9	3	219	50	269
SUICIDE	12	4	12	2	18	7	20	10	11	7	14	6	14	10	10	3	12	7	16	7	16	4	14	2	169	69	238
VIOLENCE OF UNDETERMINED ORIGIN	2	1	1		1	1					1				2		3		2	1			1		13	3	16
NATURAL CAUSES	130	81	102	69	126	55	104	64	90	64	78	59	89	48	102	60	85	52	88	49	96	56	114	58	1204	715	1919
ABORTIONS																											0
NEONATAL & INTRA-UTERINE DEATHS							1									2				1	1				2	3	5
UNDETERMINED CAUSES													2			1	1			1		1			5	1	6
<b>GRAND TOTAL</b>	<b>204</b>	<b>121</b>	<b>149</b>	<b>95</b>	<b>198</b>	<b>90</b>	<b>176</b>	<b>100</b>	<b>161</b>	<b>97</b>	<b>158</b>	<b>89</b>	<b>177</b>	<b>84</b>	<b>179</b>	<b>98</b>	<b>154</b>	<b>86</b>	<b>155</b>	<b>78</b>	<b>157</b>	<b>82</b>	<b>172</b>	<b>87</b>	<b>2040</b>	<b>1107</b>	<b>3147</b>

# 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	3	2	2	3	3	2	3	1	5	2	5	1	6	3	4	3	10	5	6	2	4	3	9	5	60	32	92
ACCIDENTS WHILE AT WORK							1		3		1		2		1		1		1						10		10
VEHICULAR ACCIDENTS	10	4	4	4	10	4	13	9	10	4	17	2	19	7	18	8	18	4	9	7	14	8	8	6	150	67	217
ACCIDENTS IN OTHER PLACES	4		3	1	3	1	1	1	6		7	1	5	2	4	1	5	1	4	1		1	5	2	47	12	59
HOMICIDE	18	5	20	3	27	3	16	4	22	3	21	9	20	10	21	2	12	4	17	3	16	2	9	3	219	47	266
SUICIDE	5	1	4	1	2	6	11	2	7	6	2	3	8	6	2	1	5	3	15	8	17	4	14	2	92	43	135
VIOLENCE OF UNDETERMINED ORIGIN	2	2	1		1						1				2		3		2	1			1		13	3	16
NATURAL CAUSES	22	10	22	13	32	11	33	13	30	17	13	11	16	6	13	11	20	12	29	12	37	15	34	10	301	141	442
ABORTIONS																											0
NEONATAL & INTRA-UTERINE DEATH																1				1	1				1	2	3
UNDETERMINED CAUSES													1			1	1			1					4	1	5
<b>GRAND TOTAL</b>	<b>64</b>	<b>24</b>	<b>56</b>	<b>25</b>	<b>78</b>	<b>27</b>	<b>78</b>	<b>30</b>	<b>83</b>	<b>32</b>	<b>67</b>	<b>27</b>	<b>77</b>	<b>30</b>	<b>65</b>	<b>28</b>	<b>75</b>	<b>29</b>	<b>84</b>	<b>35</b>	<b>90</b>	<b>33</b>	<b>80</b>	<b>28</b>	<b>897</b>	<b>348</b>	<b>1245</b>

# TOTAL CASES BY AGE GROUPS AND TYPE OF FATALITY

**TABLE 4**

TYPE OF FATALITY	Under 1 year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
	ACCIDENTS IN THE HOME		3	6	4	2	2	2	2	6	2	9	2	8	3	5	8	9		3	1	5	5	2	2	6	2	6	6	4	5	11	4	13	6	22	45	119		102
ACCIDENTS WHILE AT WORK									1		2		3		2		1		1		2			1		2												15		15
VEHICULAR ACCIDENTS	1		5	1	5	1	7	3	24	13	23	10	26	5	10	6	4	3	6		7	4	5	6	15	4	4	1	3	4	5	2	1	3	4	2	155	68	223	
ACCIDENTS IN OTHER PLACES	7	3	1	1	1	1	5		7		11	1	12		3	2	6	3	4	2	9	6	14	3	16	6	9	11	13	7	7	13	3	8	11	29	139	96	235	
HOMICIDE	2		1	2		1	1	2	11	2	34	9	32	3	30	8	20	6	18	4	16	2	13	3	17	3	15	1	7	1	1			3	1		219	50	269	
SUICIDE						1		11	2	24	5	23	11	21	4	17	6	13	5	7	4	12	8	8	11	13	5	5	3	4	4	2	1	8		169	69	238		
VIOLENCE OF UNDETERMINED ORIGIN	2		2						1		1											1		1			2	2		1		3					13	3	16	
NATURAL CAUSES	41	21	2	2		2		3	3	2	7	6	7	1	14	11	22	7	35	28	65	26	101	29	175	56	165	69	170	91	158	108	100	81	139	172	1204	715	1919	
ABORTIONS																																								0
NEONATAL & INTRA-UTERINE DEATHS	2	3																																				2	3	5
UNDETERMINED CAUSES	1										1						1		1					1	1												5	1	6	
<b>GRAND TOTAL</b>	<b>56</b>	<b>30</b>	<b>17</b>	<b>10</b>	<b>8</b>	<b>7</b>	<b>16</b>	<b>10</b>	<b>64</b>	<b>21</b>	<b>112</b>	<b>33</b>	<b>111</b>	<b>23</b>	<b>85</b>	<b>39</b>	<b>80</b>	<b>25</b>	<b>81</b>	<b>40</b>	<b>111</b>	<b>48</b>	<b>147</b>	<b>52</b>	<b>240</b>	<b>82</b>	<b>214</b>	<b>95</b>	<b>204</b>	<b>111</b>	<b>187</b>	<b>131</b>	<b>122</b>	<b>102</b>	<b>185</b>	<b>248</b>	<b>2040</b>	<b>1107</b>	<b>3147</b>	

# AUTOPSIES BY AGE GROUPS AND TYPE OF FATALITY

**TABLE 5**

TYPE OF FATALITY	Under 1 year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
	ACCIDENTS IN THE HOME		2	2	1	1		2	1	2		7	1	8	2	5	7	8		2	1	3	3	2	1	3	2	6	4	1	2	2	1	5		1	4	60		32
ACCIDENTS WHILE AT WORK								1		1		3		1		1				1					2													10		10
VEHICULAR ACCIDENTS	1		3	1	4	1	7	3	22	13	23	10	26	5	10	6	4	3	6		6	3	5	6	16	4	4	1	3	4	5	2	1	3	4	2	150	76	217	
ACCIDENTS IN OTHER PLACES							4		7		7	1	7		2	2	2	2	4	1			2		4	1		1	3		2			2	3	2	47	12	59	
HOMICIDE	2		1	2		1	1	2	11	2	33	9	32	3	30	7	20	1	18	3	17	2	13	3	17	2	15	1	7	1	1			3	1		219	47	266	
SUICIDE								6	1	14	3	13	6	14	4	11	5	4	3	5	2	5	7	3	8	10	2	3	1	1	1	1		2		92	43	135		
VIOLENCE OF UNDETERMINED ORIGIN	2		2						1		1											1		1			1	2		1		3				1	13	3	16	
NATURAL CAUSES	38	18	2	2		2		1	3	2	5	4	5	1	13	9	20	7	28	19	39	13	36	5	30	15	21	10	19	12	19	7	14	4	9	10	301	141	442	
ABORTIONS																																								0
NEONATAL & INTRA-UTERINE DEATHS	1	2																																				1	2	3
UNDETERMINED CAUSES											1						1							1	1											1		4	1	5
<b>GRAND TOTAL</b>	<b>44</b>	<b>22</b>	<b>10</b>	<b>6</b>	<b>5</b>	<b>4</b>	<b>14</b>	<b>7</b>	<b>53</b>	<b>18</b>	<b>92</b>	<b>28</b>	<b>94</b>	<b>17</b>	<b>75</b>	<b>35</b>	<b>67</b>	<b>23</b>	<b>62</b>	<b>27</b>	<b>71</b>	<b>24</b>	<b>63</b>	<b>23</b>	<b>75</b>	<b>32</b>	<b>58</b>	<b>20</b>	<b>38</b>	<b>20</b>	<b>31</b>	<b>11</b>	<b>24</b>	<b>12</b>	<b>21</b>	<b>19</b>	<b>897</b>	<b>348</b>	<b>1245</b>	

# GEOGRAPHICAL LOCATION -ALL FATALITIES

## SUMMARY

CITIES	VIOLENT DEATHS										TABLE 6					GRAND TOTAL
	ACCIDENTS					OTHER VIOLENCE					NATURAL CAUSES	ABORTIONS	LIVE BIRTH AND FOETAL DEATH	UNDETERMINED CAUSES	TOTAL	
	IN THE HOME	WHILE AT WORK	VEHICULAR	IN OTHER PLACES	TOTAL ACCIDENTS	HOMICIDE	SUICIDE	UNDETERMINED ORIGIN	TOTAL OTHER VIOLENCE	TOTAL ALL VIOLENCE						
Cleveland	103	7	106	177	393	241	118	15	374	767	1147		4	4	1155	1922
Bay Village	3			2	5		1		1	6	2				2	8
Beachwood	1		1	4	6	1	1		2	8	2				2	10
Bedford	3	1	1		5	1	7		8	13	25				25	38
Bedford Heights	1		1		2		1		1	3	8				8	11
Berea	1		2		3	1	3		4	7	7				7	14
Brecksville			1	1	2		3		3	5	4		1		5	10
Broadview Heights			4		4		1		1	5	2				2	7
Brooklyn	2		1		3	1	2		3	6	6			1	7	13
Brook Park	3		2	1	6	1	3		4	10	4				4	14
Cleveland Heights	11		3	3	17	1	3		4	21	21				21	42
East Cleveland	4		2	11	17	9	3	1	13	30	101				101	131
Euclid	12		7	2	21	2	10		12	33	74				74	107
Fairview Park	2		1		3		1		1	4	3				3	7
Garfield Heights	3		1	1	5	4	6		10	15	56				56	71
Highland Heights							1		1	1						1
Independence	1		5		6					6						6
Lakewood	11	1	6	5	23	1	11		12	35	77				77	112
Lyndhurst	3				3		1		1	4	4				4	8
Maple Heights	2	1	2		5		4		4	9	14				14	23
Mayfield Heights	1			2	3					3	48			1	49	52
Middleburg Heights			1		1					1	58				58	59
North Olmsted	2			2	4		3		3	7	7				7	14
North Royalton			4	3	7		1		1	8	4				4	12
Olmsted Falls			1		1		1		1	2						2
Parma	12		7	4	23	2	5		7	30	78				78	108
Parma Heights	1				1	1	5		6	7	8				8	15
Pepper Pike																0
Richmond Heights	1		2	1	4		3		3	7	28				28	35
Rocky River	3		4		7		6		6	13	10				10	23
Seven Hills	1		1		2					2	4				4	6
Shaker Heights	3		2		5		3		3	8	4				4	12
Solon	1		3		4		1		1	5	2				2	7
South Euclid	4		3	1	8		3		3	11	9				9	20
Strongsville	3		3		6		5		5	11	6				6	17
University Heights	2				2		2		2	4	2				2	6
Warrensville Heights	1		2	2	5		1		1	6	57				57	63
Westlake	2		2	3	7		1		1	8	23				23	31
TOTAL CITIES	203	10	181	225	619	266	220	16	502	1121	1905	0	5	6	1916	3037

# GEOGRAPHICAL LOCATION-ALL FATALITIES

## SUMMARY

TABLE 7

VILLAGES AND TOWNSHIPS	VIOLENT DEATHS															
	ACCIDENTS					OTHER VIOLENCE					NATURAL CAUSES	ABORTIONS	LIVE BIRTH AND FOETAL DEATH	UNDETERMINED CAUSES	TOTAL	GRAND TOTAL
	IN THE HOME	WHILE AT WORK	VEHICULAR	IN OTHER PLACES	TOTAL ACCIDENTS	HOMICIDE	SUICIDE	UNDETERMINED ORIGIN	TOTAL OTHER VIOLENCE	TOTAL ALL VIOLENCE						
Bentleyville																0
Bratenahl							1		1	1						1
Brooklyn Heights											1				1	1
Chagrin Falls	1				1		1		1	2	1				1	3
Cuyahoga Heights			3		3					3						3
Gates Mills	2				2		2		2	4						4
Glenwillow																0
Hunting Valley																0
Linndale																0
Mayfield	1				1		2		2	3						3
Moreland Hills			1		1		1		1	2						2
Newburgh Heights											2				2	2
North Randall				1	1					1						1
Oakwood				1	1		2		2	3	1				1	4
Orange							1		1	1	1				1	2
Valley View		1	3		4	1	1		2	6						6
Walton Hills		1					2		2	3						3
Woodmere											1				1	1
<b>TOTAL VILLAGES</b>	<b>4</b>	<b>2</b>	<b>7</b>	<b>2</b>	<b>15</b>	<b>1</b>	<b>13</b>		<b>14</b>	<b>29</b>	<b>7</b>				<b>7</b>	<b>36</b>
<b>TOWNSHIPS</b>																
Chagrin Falls											1				1	1
Olmsted	1		2		3					3	4				4	7
River Edge											1				1	1
Warrensville				2	2		1		1	3	1				1	4
<b>TOTAL TOWNSHIPS</b>	<b>1</b>		<b>2</b>	<b>2</b>	<b>5</b>		<b>1</b>		<b>1</b>	<b>6</b>	<b>7</b>				<b>7</b>	<b>13</b>

# GEOGRAPHICAL LOCATION-ALL FATALITIES SUMMARY

**TABLE 7A**

	VIOLENT DEATHS																
	ACCIDENTS					OTHER VIOLENCE					NATURAL CAUSES	ABORTIONS	LIVE BIRTH AND FOETAL DEATH	UNDETERMINED CAUSES	TOTAL		GRAND TOTAL
	IN THE HOME	WHILE AT WORK	VEHICULAR	IN OTHER PLACES	TOTAL ACCIDENTS	HOMICIDE	SUICIDE	UNDETERMINED ORIGIN	TOTAL OTHER VIOLENCE	TOTAL ALL VIOLENCE							
TOTAL CITIES	203	10	181	225	619	266	220	16	502	1121	1905		5	6	1916	3037	
TOTAL VILLAGES	4	2	7	2	15	1	13		14	29	7				7	36	
TOTAL TOWNSHIPS	1		2	2	5		1		1	6	7				7	13	
TOTAL OUT OF COUNTY	13	3	31	6	53	2	4		6	59						59	
TOTAL TURNPIKES			2		2					2						2	
<b>GRAND TOTAL</b>	221	15	223	235	694	269	238	16	523	1217	1919		5	6	1930	3147	

# ACCIDENTAL FATALITIES BY MONTH

**TABLE 8**

MONTH	HOME ACCIDENTS						WHILE AT WORK ACCIDENTS						VEHICULAR ACCIDENTS						OTHER ACCIDENTS						TOTALS						GRAND TOTAL			
	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	TURNPIKE IN CTY.	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	TURNPIKE IN CTY.		OUT OF COUNTY		
JANUARY	17	13	1		2	33							6	7	1				14	18	6					24	41	26	2				2	71
FEBRUARY	5	7				12					1	1	5	2				2	9	13	1					14	23	10				3	36	
MARCH	10	5			1	16							7	3	2	1		1	14	13	5				1	19	30	13	2	1		3	49	
APRIL	3	9			1	13		1				1	14	5		1		3	23	16	3					19	33	18		1		4	56	
MAY	9	12	1		2	24	1				2	3	9	4				3	16	12	7					19	31	23	1			7	62	
JUNE	11	2			1	14	3	1				4	9	6			1	3	19	15	4				1	20	38	13			1	5	57	
JULY	11	7				18		1				1	13	9	2		1	4	29	16	5	1	1	1		24	40	22	3	1	1	5	72	
AUGUST	10	9		1	3	23			2			2	12	8				5	25	19	4	1				24	41	21	3	1		8	74	
SEPTEMBER	7	13	1		1	22	2					2	9	9	1			3	22	13	3			1	1	18	31	25	2	1		5	64	
OCTOBER	6	7				13	1					1	4	8	1			4	17	14	3					17	25	18	1			4	48	
NOVEMBER	6	7			2	15							9	10				2	21	9	2					11	24	19				4	47	
DECEMBER	8	9	1			18							9	4				1	14	19	5				2	26	36	18	1			3	58	
<b>TOTAL</b>	<b>103</b>	<b>100</b>	<b>4</b>	<b>1</b>	<b>13</b>	<b>221</b>	<b>7</b>	<b>3</b>	<b>2</b>	<b></b>	<b>3</b>	<b>15</b>	<b>106</b>	<b>75</b>	<b>7</b>	<b>2</b>	<b>2</b>	<b>31</b>	<b>223</b>	<b>177</b>	<b>48</b>	<b>2</b>	<b>2</b>	<b>6</b>	<b>235</b>	<b>393</b>	<b>226</b>	<b>15</b>	<b>5</b>	<b>2</b>	<b>53</b>	<b>694</b>		

# HOMICIDES, SUICIDES, VIOLENCE OF UNDETERMINED ORIGIN

## FATALITIES BY MONTH

**TABLE 9**

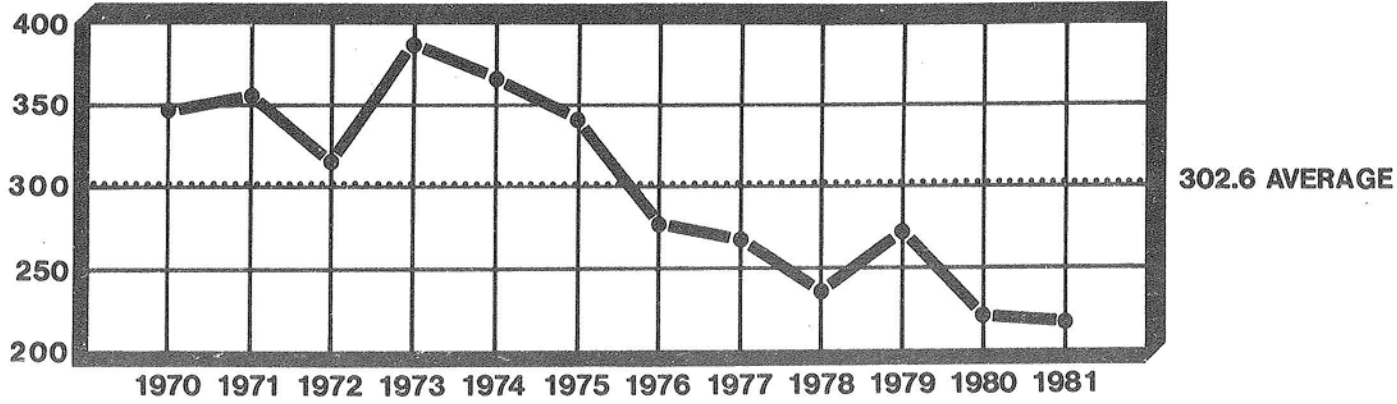
MONTH	HOMICIDE						SUICIDE						VIOLENCE OF UNDETERMINED ORIGIN						GRAND TOTAL					
	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL		CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY
JANUARY	19	4			1	24	7	8	1			16	3					3	29	12	1		1	43
FEBRUARY	20	2				22	3	9	2			14	1					1	24	11	2			37
MARCH	28	3				31	15	9		1	25	2						2	45	12			1	58
APRIL	21					21	13	16	1		30								34	16	1			51
MAY	21	3				24	10	7		1	18								31	10			1	42
JUNE	30	1			1	32	13	6	1		20	1						1	44	7	1		1	53
JULY	24	2				26	11	7	4	2	24								35	9	4		2	50
AUGUST	23					23	7	5	1		13	1	1					2	31	6	1			38
SEPTEMBER	14	2				16	9	8	1	1	19	3						3	26	10	1	1		38
OCTOBER	18	2				20	9	14			23	3						3	30	16				46
NOVEMBER	13	4	1			18	15	5			20								28	9	1			38
DECEMBER	10	2				12	6	8	2		16	1						1	17	10	2			29
<b>TOTAL</b>	<b>241</b>	<b>25</b>	<b>1</b>		<b>2</b>	<b>269</b>	<b>118</b>	<b>102</b>	<b>13</b>	<b>1</b>	<b>4</b>	<b>238</b>	<b>15</b>	<b>1</b>				<b>16</b>	<b>374</b>	<b>128</b>	<b>14</b>	<b>1</b>	<b>6</b>	<b>523</b>





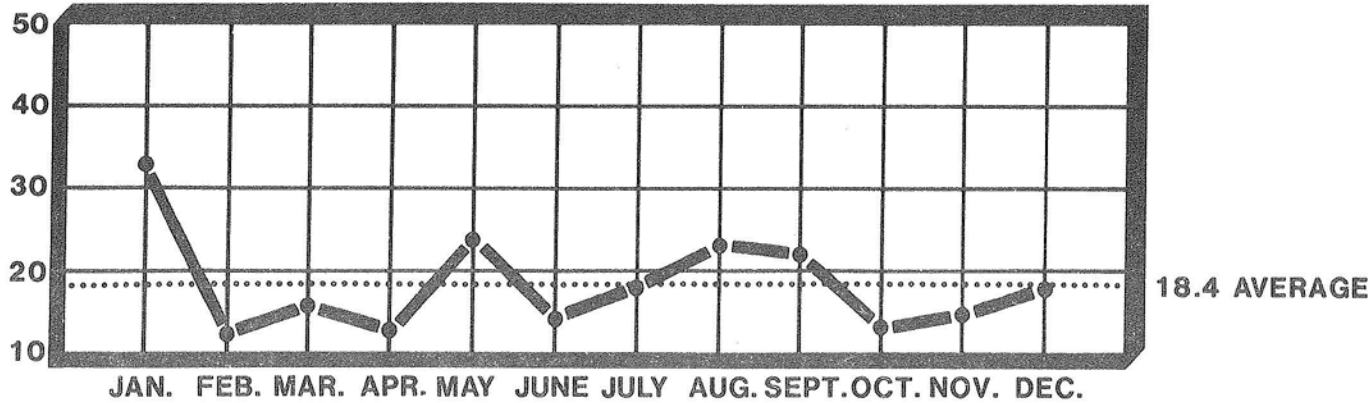
# ACCIDENTS IN THE HOME

FOR A PERIOD OF TWELVE YEARS



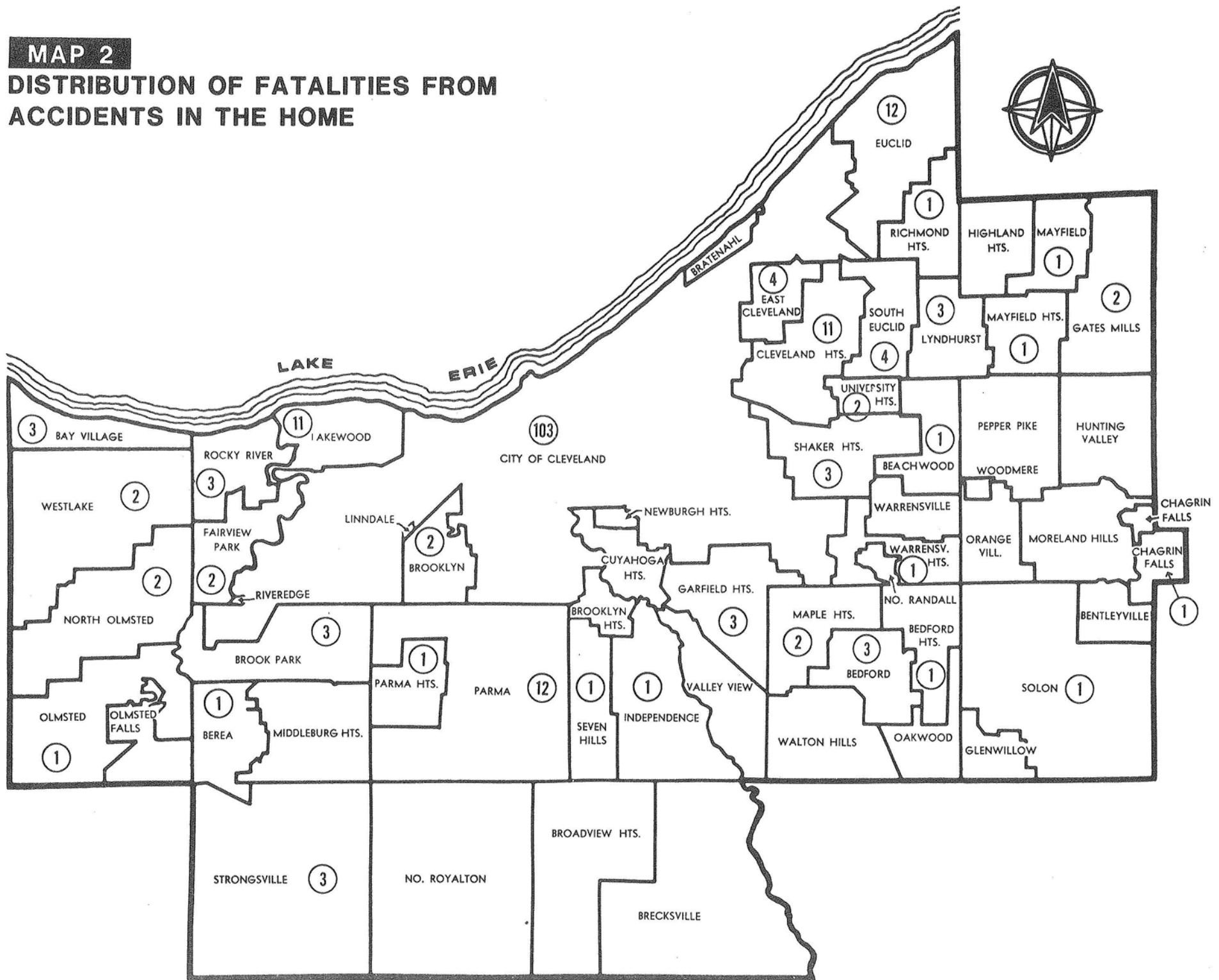
		NUMBER	PERCENT
SEX	MALE	119	54
	FEMALE	102	46
RACE	WHITE	164	74
	NON-WHITE	57	26
ALCOHOL	TESTED	105	48
	POSITIVE	35	33
AUTOPSY	AUTOPSIED	92	42

BY MONTH FOR THE YEAR 1981

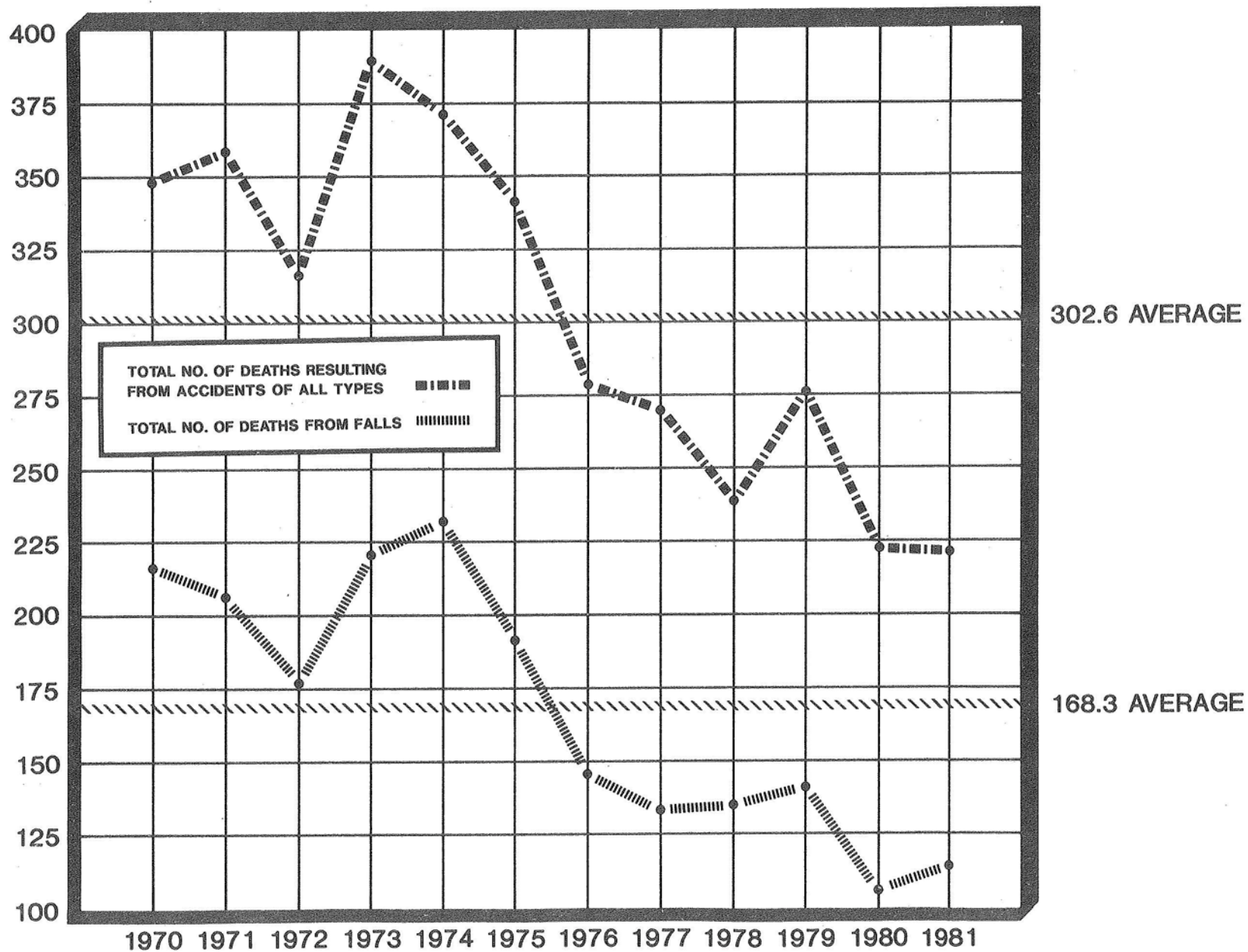


1981  
TOTAL CASES  
221

# MAP 2 DISTRIBUTION OF FATALITIES FROM ACCIDENTS IN THE HOME



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



# FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

## MONTHLY ALCOHOL INCIDENCE

TABLE 10

MONTH	TOTAL	NOT TESTED										TESTED						STAGES																			
		Total		Cleve.		County		Out Of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
JANUARY	33	18	15	8	9	9	5	1	1	13	9	11	7			2	2	5	6	4	4	1	2	1	1												1
FEBRUARY	12	3	9	2	3	1	6				4		2		1		1	3	5	2	4	1	1					1	1								
MARCH	16	5	11	4	6	1	4		1	2	7		2	2	2		3	3	4	2	2	1	2				1	1									1
APRIL	13	8	5	2	1	5	4	1		3	2	2	2			1		5	3	2	3	3		1			2										
MAY	24	11	13	4	5	6	7	1	1	6	10	6	9				1	5	3	4	1	1	2		1			1							1		
JUNE	14	11	3	10	1	1	1		1	5	3	4	2	1	1			6		4		2		1					1								
JULY	18	12	6	8	3	4	3			5	3	4	3			1		7	3	4	1	3	2	2	1							1				1	
AUGUST	23	10	13	5	5	3	7	2	1	6	10	4	8	2	2			4	3	2	2	2	1	1		1											1
SEPTEMBER	22	12	10	4	3	7	7	1		3	6	3	5				1	9	4	5	4	4		1													3
OCTOBER	13	9	4	5	1	4	3			3	2	3	2					6	2	5	1	1	1											1	1		
NOVEMBER	15	8	7	3	3	4	3	1	1	5	4	3	3			2	1	3	3	2	2	1	1	1			1										
DECEMBER	18	12	6	6	2	6	4			3	2	3	2					9	4	6	4	3		2					1								
TOTAL	221	119	102	61	42	51	54	7	6	54	62	43	47	5	6	6	9	65	40	42	28	23	12	10	3	1	1	4	1	3	1		1	1	2	4	3

# FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

## AGE AND RACE-ALCOHOL INCIDENCE

**TABLE 11**

AGE	RACE	TOTAL	NOT TESTED												TESTED						STAGES											
			Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over			
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 year	White	2		2		1				1				1		1																
	Non-White	1		1										1		1																
1 - 4	White	3	2	1	2	1			2	1																						
	Non-White	7	4	3	2	3			2	3			2	2																		
5 - 9	White																															
	Non-White	4	2	2	1	1			1	1			1	1	1	1																
10 - 14	White	3	2	1	2	1	2			1																						
	Non-White	1		1										1		1																
15 - 19	White	7	6	1	3		3						3	1	2	1	1					1										
	Non-White	1		1										1		1																
20 - 24	White	9	8	1									8	1	6		2	1	1								1	1				
	Non-White	2	1	1									1	1		1	1		1													
25 - 29	White	8	7	1		1		1					7		4	3		1				1	1									
	Non-White	3	1	2									1	2		1	1	1		1										1		
30 - 34	White	7	2	5		1		1					2	4	2	1		3		1		1		1								
	Non-White	6	3	3		1		1					3	2	1	2	2		1			1										
35 - 39	White	8	8										8		3	5		1				1	1						2			
	Non-White	1	1										1	1																		
40 - 44	White	4	3	1									3	1	2		1	1									1	1				
	Non-White																															
45 - 49	White	3	1	2		1		1					1	1	1	1																
	Non-White	7	4	3	2		2						2	3	1	2	1	1						1					1			
50 - 54	White	1	1										1		1																	
	Non-White	3	1	2	1	1	1				1			1				1		1												
54 - 59	White	5	3	2		1		1					3	1	1		2	1	2	1												
	Non-White	3	3		2		2						1				1		1													
60 - 64	White	10	4	6		3		2			1		4	3	1	2	3	1	2					1						1		
	Non-White	2	2										2		2																	
65 - 69	White	5	1	4	1	1		1					3		2		1													1		
	Non-White	4	3	1	1		1						2	1	2		1									1						
70 - 74	White	12	9	3	8	2	7	2		1			1	1	1	1																
	Non-White	3	2	1	1	1	1	1			1		1		1																	
75 - 79	White	15	12	3	8	2	8	2					4	1	4	1																
	Non-White	4	1	3	1	2	1	1					1		1																	
80-over	White	62	21	41	18	34	14	30			4	4	3	7	3	7																
	Non-White	5	1	4	1	4	1	3					1																			
TOTAL	White	164	90	74	42	49	34	41	2	3	6	5	48	25	31	17	17	8	7	2		1	3	1	3			1	2	3	2	
	Non-White	57	29	23	12	13	9	6	3	3		4	17	15	11	11	6	4	3	1	1		1			1	1		1	1		
GRAND TOTAL		221	119	102	54	62	43	47	5	6	6	9	65	40	42	28	23	12	10	3	1	1	4	1	3	1		1	1	2	4	3

# FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

## MODE-ALCOHOL INCIDENCE

TABLE 12

MODE	TOTAL	NOT TESTED															TESTED						STAGES													
		Total		Cleve.		County		Out Of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.	Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over								
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
ASPHYXIA	5	3	2	1	1	2			1	2	2	1			2	1		1																		
BURNING	23	10	13	7	7	3	6			6	11	5	5	1	4		2	4	2	3	2	1				1										
CARBON MONOXIDE	30	15	15	8	9	7	6			3	2	2	2	1				12	13	7	11	5	2	1		2	1		1		1	1				
CUTTING & STABBING	1	1				1												1		1																
CRUSHING	2	2		1				1		1				1				1		1																
ELECTROCUTION	1	1						1		1				1																						
EXPOSURE	1	1		1						1		1																								
FALLING	114	57	57	25	18	28	34	4	5	37	47	32	40			5	7	20	10	13	9	7	1	4		1		1				1	1			
POISONING	38	24	14	15	6	9	8											24	14	15	6	9	8	4	3	1	1	1	1		1		1	1	2	1
SHOOTING	6	5	1	3	1	1		1		3		2		1				2	1	1		1	1	1								1				
<b>TOTAL</b>	<b>221</b>	<b>119</b>	<b>102</b>	<b>61</b>	<b>42</b>	<b>51</b>	<b>54</b>	<b>7</b>	<b>6</b>	<b>54</b>	<b>62</b>	<b>43</b>	<b>47</b>	<b>5</b>	<b>6</b>	<b>6</b>	<b>9</b>	<b>65</b>	<b>40</b>	<b>42</b>	<b>28</b>	<b>23</b>	<b>12</b>	<b>10</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>3</b>

# FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

## MODE-ALCOHOL INCIDENCE

**TABLE 13**

MODE	TOTAL	NOT TESTED														TESTED						STAGES															
		Total		Cleve.		County		Out Of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<b>ASPHYXIA:</b>																																					
Aspiration of Foreign Object	1	1				1				1						1																					
Drowning	1		1						1		1				1																						
Hanging	2	1	1		1	1				1	1	1			1																						
Ligature	1	1		1													1	1																			
<b>TOTAL</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>			<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>			<b>2</b>	<b>1</b>		<b>1</b>	<b>1</b>																		
<b>BURNING:</b>																																					
Conflagration	18	8	10	6	5	2	5			4	9	3	4	1	4		1	4	1	3	1	1														1	
Contact with Hot Object	1		1		1						1					1																					
Incidental Fire	2	1	1		1	1				1		1						1		1																	
Scalding	2	1	1	1			1			1	1	1	1																								
<b>TOTAL</b>	<b>23</b>	<b>10</b>	<b>13</b>	<b>7</b>	<b>7</b>	<b>3</b>	<b>6</b>			<b>6</b>	<b>11</b>	<b>5</b>	<b>5</b>	<b>1</b>	<b>4</b>		<b>2</b>	<b>4</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>1</b>														1	
<b>CARBON MONOXIDE:</b>																																					
Auto Exhaust	8	5	3		1	5	2				2		2					5	1	2	1	3		1											2		
Conflagration	20	8	12	6	8	2	4			3		2		1				5	12	3	10	2	2				1				1				1	1	
Incomplete Combustion of Natural Gas	2	2		2														2		2																	
<b>TOTAL</b>	<b>30</b>	<b>15</b>	<b>15</b>	<b>8</b>	<b>9</b>	<b>7</b>	<b>6</b>			<b>3</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>				<b>12</b>	<b>13</b>	<b>7</b>	<b>11</b>	<b>5</b>	<b>2</b>	<b>1</b>			<b>2</b>		<b>1</b>				<b>1</b>	<b>1</b>			









# 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																												2		3	2	5
BURNING		1	1	3	1	1							1	1							1	1		1	2			1	1	1	1	2	2		1		10	13	23		
CARBON MONOXIDE		2	2		1	1		1	3	2	2	1			2	4		1		2						1	1	1	2				1				15	15	30		
CUTTING AND STABBING											1																											1		1	
CRUSHING			1																						1														2		2
ELECTROCUTION			1																																				1		1
EXPOSURE																				1																			1		1
FALLING										1		1		1	1	2		1		1	1	1		2	1	4	4	2	1	10	2	11	3	20	44	57	57	114			
POISONING								2		5		5	2	4	5	3		1	1	2	1	1	1	1	1	1		1		1							24	14	38		
SHOOTING			1				1		1		1	1														1												5	1	6	
<b>TOTAL</b>		3	6	4	2	2	2	2	6	2	9	2	8	3	5	8	9		3	1	5	5	2	2	6	2	6	6	4	5	11	4	13	6	22	45	119	102	221		

# FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

## FALLS-ALCOHOL INCIDENCE

**TABLE 16**

FALLS BY CODE*	TOTAL	NOT TESTED												TESTED						STAGES											
		Total		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
E 880 - From Stairs	23	11	12	8	7	7	7			1		3	5	3	4		1														1
E 881 - From Ladder	4	4		1		1						3		2		1		1													
E 882 - From Building	5	4	1									4	1	2	1	2		1			1										
E 884 - From One Level to Another																															
Bed	6	3	3	2	1	2	1					1	2	1	2																
Cane	1	1		1		1																									
Chair	8	4	4	4	4	1	2			3	2																				
Couch	1		1		1		1																								
Porch	2	2										2		1		1													1		
Walker	3	2	1	2	1	2	1																								
E 885 - On Same Level	52	20	32	16	30	15	26			1	4	4	2	4	2																
E.999 - Unspecified	9	6	3	3	3	3	2				1	3				3		2				1									
888- TOTAL	114	57	57	37	47	32	40			5	7	20	10	13	9	7	1	4			1	1							1	1	

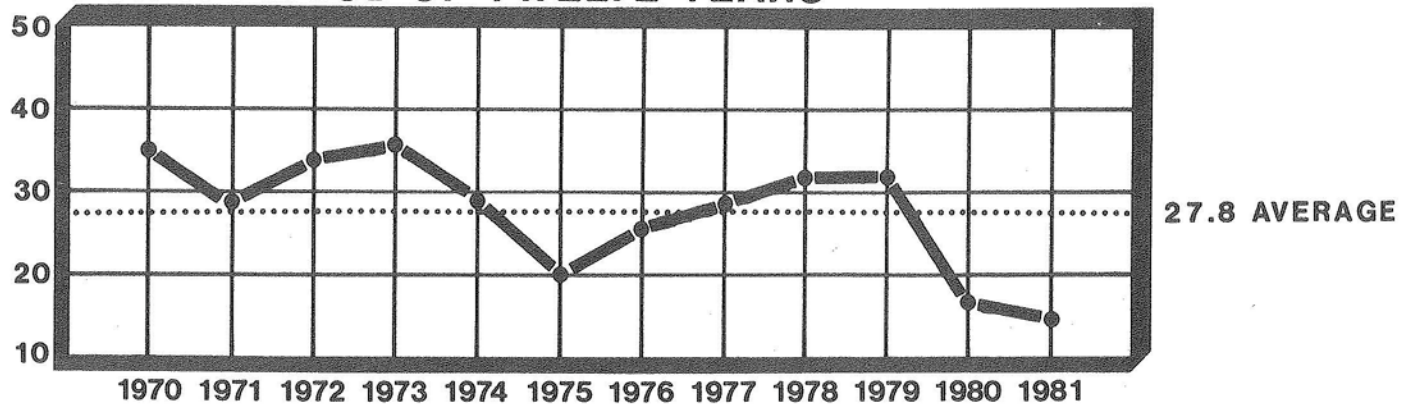
\* International Classification of Diseases by World Health Organization: Ninth Revision.





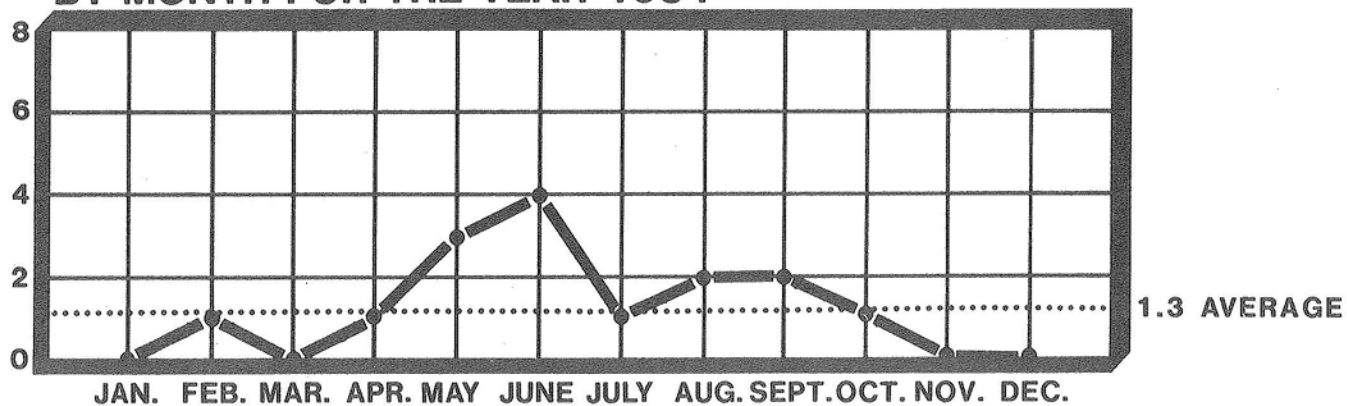
# ACCIDENTS WHILE AT WORK

FOR A PERIOD OF TWELVE YEARS



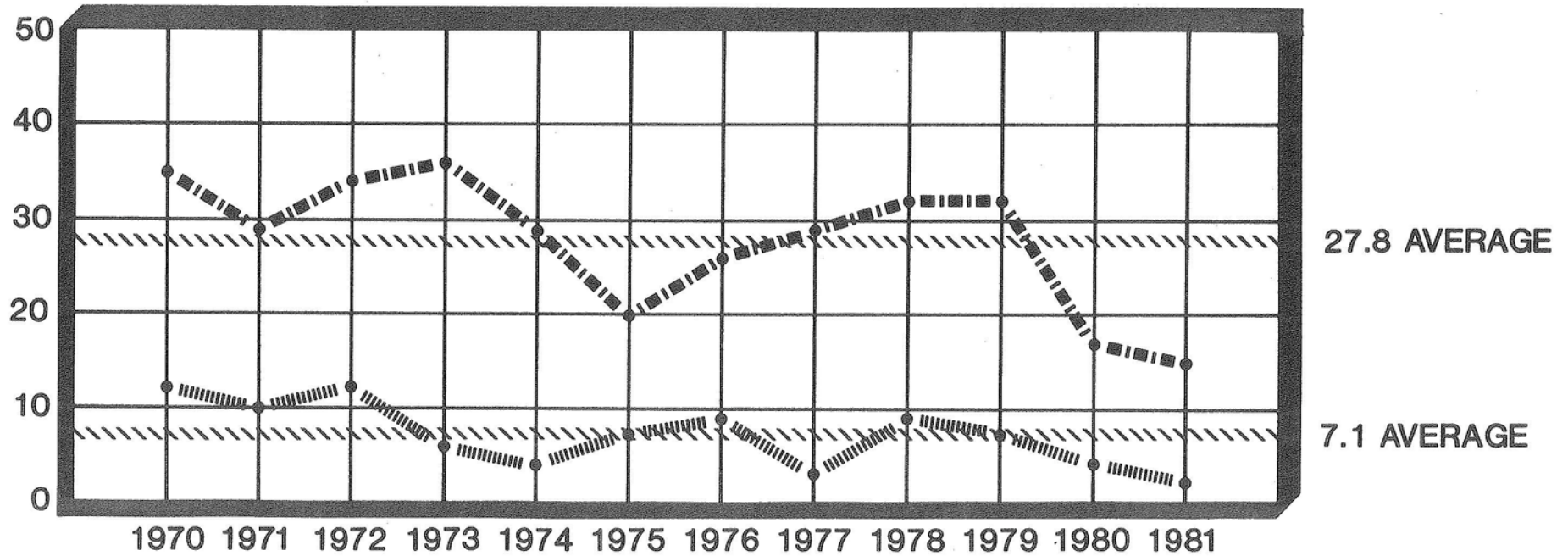
		NUMBER	PERCENT
SEX	MALE	15	100
	FEMALE	0	0
RACE	WHITE	10	67
	NON-WHITE	5	33
ALCOHOL	TESTED	8	53
	POSITIVE	2	25
AUTOPSY	AUTOPSIED	10	67

BY MONTH FOR THE YEAR 1981



1981  
TOTAL CASES  
15

## FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK FOR A PERIOD OF TWELVE YEARS



TOTAL NO. OF DEATHS RESULTING  
FROM ACCIDENTS OF ALL TYPES



TOTAL NO. OF DEATHS FROM FALLS













# FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

## MODE-AGE GROUPS

**TABLE 22**

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

# FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

## FALLS-ALCOHOL INCIDENCE

**TABLE 23**

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

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

# FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

## FALLS-AGE GROUPS

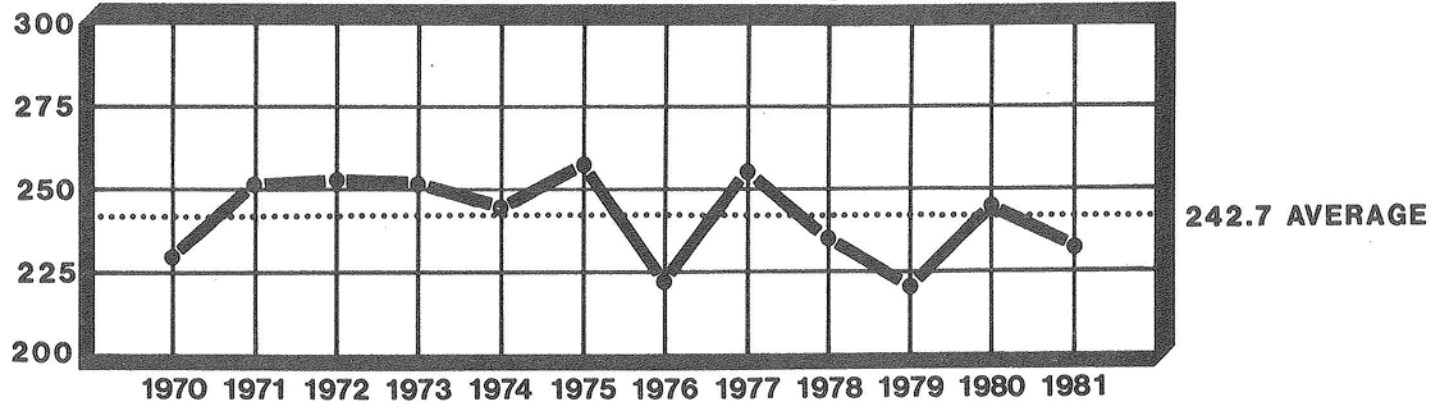
TABLE 24

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 882 - From Building or Other Structure																					1																		1	1	
E 884 - From One Level to Another																																								1	1
TOTAL																						1																	2	2	

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

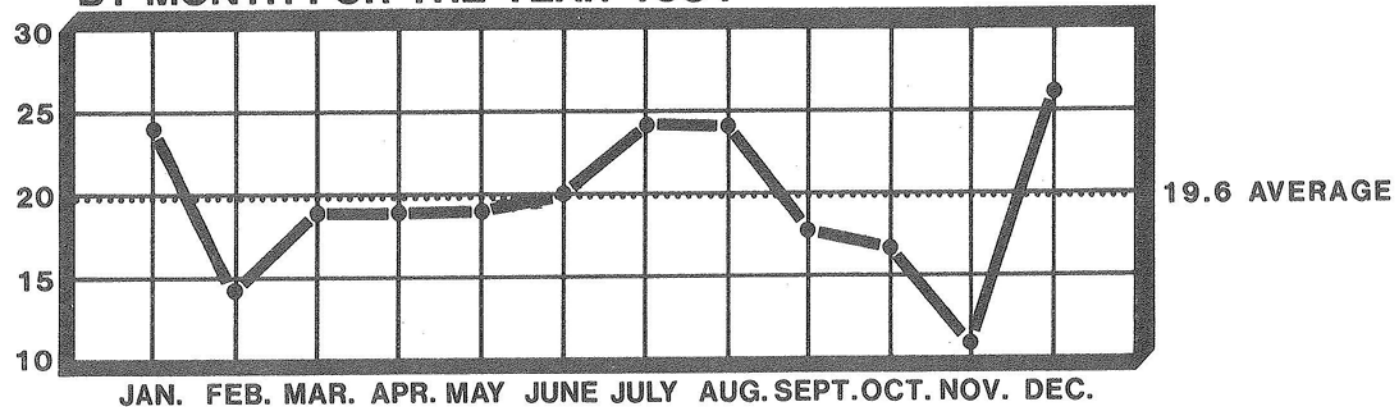
# ACCIDENTS IN OTHER PLACES

FOR A PERIOD OF TWELVE YEARS



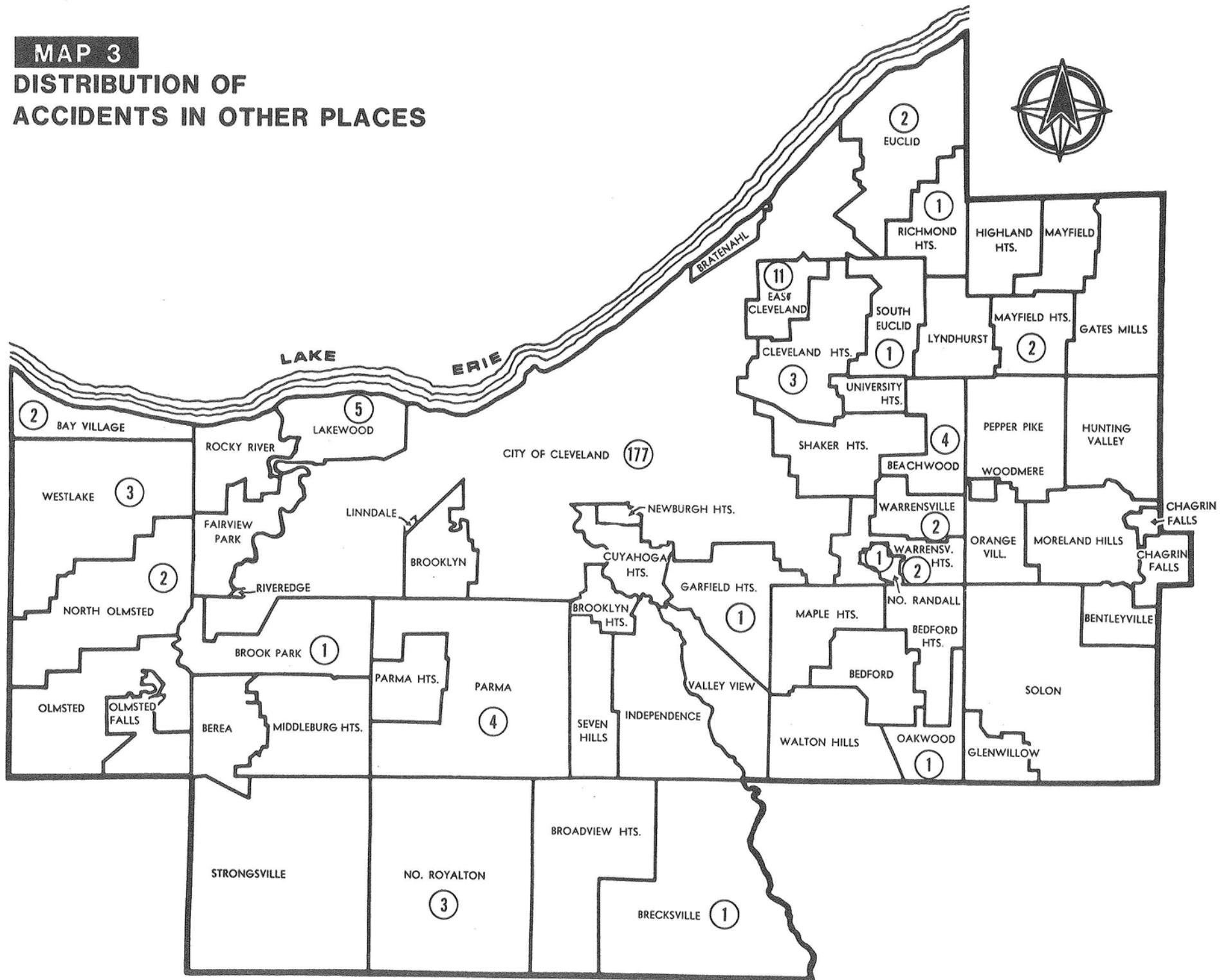
		NUMBER	PERCENT
SEX	MALE	139	59
	FEMALE	96	41
RACE	WHITE	181	77
	NON-WHITE	54	23
ALCOHOL	TESTED	58	25
	POSITIVE	26	45
AUTOPSY	AUTOPSIED	59	25

BY MONTH FOR THE YEAR 1981



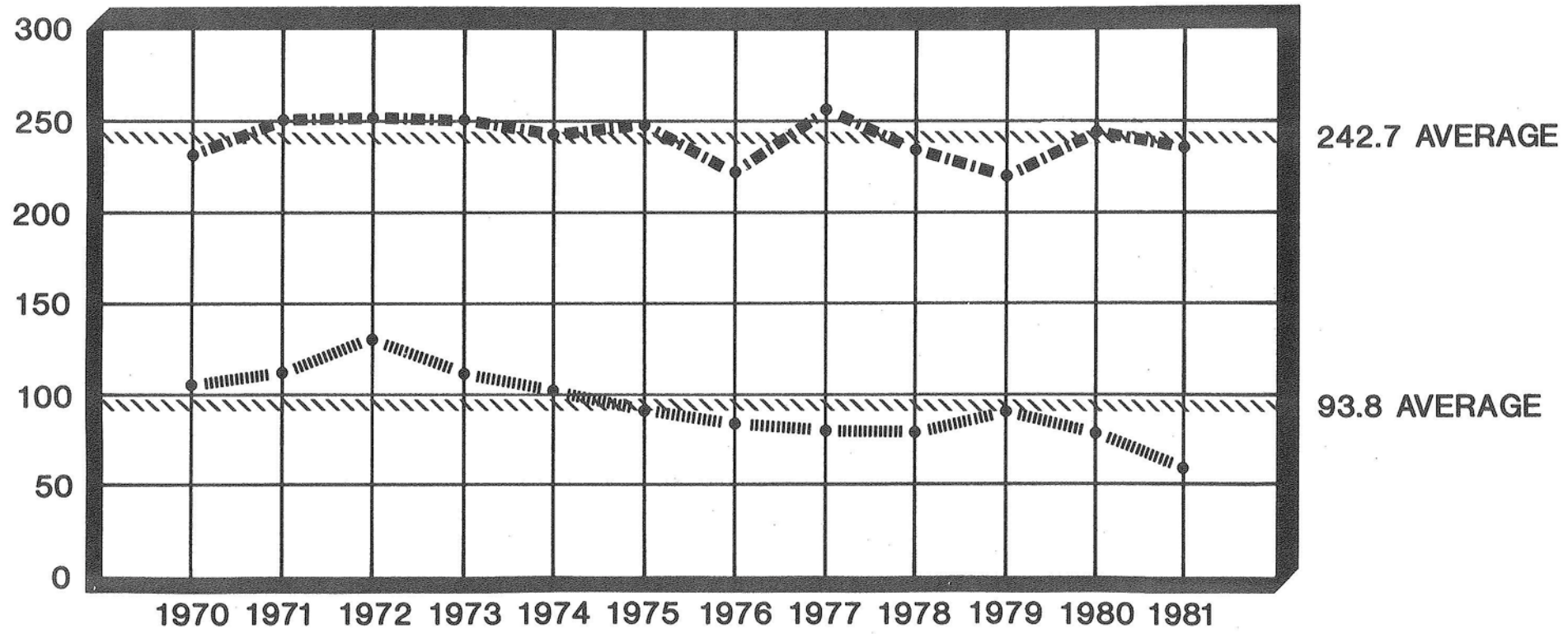
1981 TOTAL CASES 235
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**MAP 3**  
**DISTRIBUTION OF**  
**ACCIDENTS IN OTHER PLACES**





# FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES FOR A PERIOD OF TWELVE YEARS



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

TOTAL NO. OF DEATHS FROM FALLS    |||||

# FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

## MONTHLY ALCOHOL INCIDENCE

**TABLE 25**

MONTH	TOTAL	NOT TESTED																TESTED						STAGES															
		Total		Cleve.		County		Out Of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
JANUARY	24	14	10	11	7	3	3			11	9	8	6	1	1	2	2	3	1	2	1	1					1												
FEBRUARY	14	7	7	6	7	1				4	7	3	6	1			1	3		2		1													1				
MARCH	19	11	8	8	5	2	3	1		8	8	3	6	1	1	4	1	3		1		2		1							1								
APRIL	19	11	8	11	5		3			10	8	9	5			1	3	1		1																			
MAY	19	13	6	8	4	5	2			6	5	4	5			2		7	1	1	1	6		3		1								1		1			
JUNE	20	11	9	8	7	2	2	1		5	8	4	7	1			1	6	1	2	1	4		3		1													
JULY	24	17	7	12	4	4	3	1		11	5	7	5	1		3		6	2	4	1	2	1				1				1		1						
AUGUST	24	15	9	14	5	1	4			11	8	7	7	1	1	3		4	1	2		2	1		1	1		1											
SEPTEMBER	18	10	8	10	3		4		1	6	7	5	4			1	3	4	1	3	1	1							1										
OCTOBER	17	10	7	9	5	1	2			6	6	5	5	1			1	4	1		1	4		1			1		1								1		
NOVEMBER	11	6	5	5	4	1	1			5	4	5	4					1	1	1	1																		
DECEMBER	26	14	12	11	8	1	4	2		9	10	8	8			1	2	5	2	4	2	1								1									
TOTAL	235	139	96	113	64	21	31	5	1	92	85	68	68	7	3	17	14	47	11	23	9	24	2	8	1	3	1	3		1		4		3		2			

# FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

## AGE-RACE-ALCOHOL INCIDENCE

**TABLE 26**

AGE	RACE	TOTAL	NOT TESTED									TESTED						STAGES													
			Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over		
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M
Under 1 year	White	5	4	1	4	1	1		3	1																					
	Non-White	5	3	2	3	2		1	3	1																					
1 - 4	White	1	1		1				1																						
	Non-White	1		1		1																									
5 - 9	White	1	1		1		1																								
	Non-White	1		1		1				1																					
10 - 14	White	3	3		1		1					2	1		1																
	Non-White	2	2									2	1		1													1			
15 - 19	White	4	4									4	2		2				1		1										
	Non-White	3	3									3	2		1																
20 - 24	White	8	7	1	2		1			1		5	1	3	1	2										1		1			
	Non-White	4	4		2		2					2	1		1													1			
25 - 29	White	6	6		1					1		5	2		3		2									1					
	Non-White	6	6		3		2			1		3	1		2		1		1												
30 - 34	White	5	3	2	1					1		2	2	1	2	1													1		
	Non-White																														
35 - 39	White	4	2	2	1	2	1	2				1				1															
	Non-White	5	4	1	2		1				1		2	1	1	1	1									1					
40 - 44	White	4	2	2		1		1				2	1	1		1	1				1	1									
	Non-White	2	2		2		2																								
45 - 49	White	14	8	6	5	6	4	4			1	2	3		2		1														
	Non-White	1	1		1		1																								
50 - 54	White	13	11	2	11	2	8	2			3																				
	Non-White	4	3	1	1	1	1	1					2		1		1								1						
55 - 59	White	19	14	5	11	5	9	5			2		3		1		2								1						
	Non-White	3	2	1									2	1		1	2									1			1		
60 - 64	White	18	9	9	9	8	7	7			2	1		1		1															
	Non-White	2		2		2		2																							
65 - 69	White	15	9	6	8	6	6	4			2	2	1		1																
	Non-White	5	4	1	3	1	3					1	1		1																
70 - 74	White	16	5	11	5	10	5	8			2		1																		
	Non-White	4	2	2	2	2	2	1				1																			
75 - 79	White	11	3	8	3	7	2	5			1	2		1		1															
	Non-White																														
80-over	White	34	9	25	7	23	6	21			1	2	2	2	1	2	1														
	Non-White	6	2	4	2	4	2	3				1																			
TOTAL	White	181	101	80	71	71	52	59	4	1	15	11	30	9	15	7	15	2	6	1	2	1	2			3		1		1	
	Non-White	54	38	16	21	14	16	9	3	2	2	3	17	2	8	2	9		2		1		1		1		1		2		1
GRAND TOTAL		235	139	96	92	85	68	68	7	3	17	14	47	11	23	9	24	2	8	1	3	1	3		1		4		3		2

# FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

## MODE-ALCOHOL INCIDENCE

**TABLE 27**

MODE	TOTAL	NOT TESTED																		TESTED						STAGES											
		Total		Cleve.		County		Out Of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
AIRPLANE CRASH	1	1		1													1		1																		
ASPHYXIA	19	16	3	12	2	2	1	2			2		1			1	16	1	8		8	1	4		1	1	1			1		1					
BURNING	2	2		2							1		1				1				1									1							
CARBON MONOXIDE	1	1				1											1		1																		
FALLING	60	20	40	9	19	8	20	3	1	10	33	8	28		2	5	10	7	4	6	6	1		1	1			1		1		2		1			
JUMPING	1	1		1						1		1																									
POISONING	5	5		4		1											5		3		2		1				1										
SHOOTING	1	1		1													1				1		1														
STRUCK BY OBJECT	1		1				1				1		1																								
STRUCK BY TRAIN	3	2	1	2	1												2	1		1	2				1				1								
THERAPEUTIC COMPLICATION	135	86	49	77	40	9	9			80	47	58	37	7	2	15	8	6	2	5	2	1		1													
UNDETERMINED MODE	2	2		2													2		1		1						1										
MISCELLANEOUS*	4	2	2	2	2						2		1		1		2				2		1													1	
<b>TOTAL</b>	<b>235</b>	<b>139</b>	<b>96</b>	<b>113</b>	<b>64</b>	<b>21</b>	<b>31</b>	<b>5</b>	<b>1</b>	<b>92</b>	<b>85</b>	<b>68</b>	<b>68</b>	<b>7</b>	<b>3</b>	<b>17</b>	<b>14</b>	<b>47</b>	<b>11</b>	<b>23</b>	<b>9</b>	<b>24</b>	<b>2</b>	<b>8</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>3</b>		<b>1</b>	<b>4</b>	<b>3</b>		<b>2</b>			

\* Obstruction of laryngectomy opening, injury during seizure, traumatic delivery and restraint.

# FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

## MODE-ALCOHOL INCIDENCE

**TABLE 28**

MODE	TOTAL	NOT TESTED												TESTED						STAGES																		
		Total		Cleve.		County		Out Of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
<b>AIRPLANE CRASH:</b>																																						
Pilot	1	1		1														1	1																			
TOTAL	1	1		1														1	1																			
<b>ASPHYXIA:</b>																																						
Aspiration of Foreign Object	2	1	1				1	1										1	1																			
Compression	1	1		1														1	1																			
Drowning	16	14	2	11	2	2		1				1	1					14	1	7		7	1	4		1	1	1							1			
TOTAL	19	16	3	12	2	2	1	2				2	1					16	1	8		8	1	4		1	1	1						1	1			
<b>BURNING:</b>																																						
Incendary Fire	1	1		1								1	1																									
Incidental Fire	1	1		1														1				1													1			
TOTAL	2	2		2								1	1					1				1													1			
<b>CARBON MONOXIDE:</b>																																						
Incomplete Combustion of Natural Gas	1	1				1												1	1																			
TOTAL	1	1				1												1	1																			
<b>JUMPING:</b>																																						
From Window	1	1		1								1	1																									
TOTAL	1	1		1								1	1																									
<b>SHOOTING:</b>																																						
Self Inflicted																																						
Russian Roulett	1	1		1														1				1	1															
TOTAL	1	1		1														1				1	1															
<b>STRUCK BY OBJECT:</b>																																						
Tree Branch	1		1			1						1	1																									
TOTAL	1		1			1						1	1																									
<b>STRUCK BY TRAIN:</b>																																						
Pedestrian	1		1		1														1	1																		
Trespasser	2	2		2														2				2				1									1			
TOTAL	3	2	1	2	1													2	1			2				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	M	F					
	AIRPLANE CRASH																			1																					1		1
ASPHYXIA							2		3		4		3				1			1				1												1	1	1	16	3	19		
BURNING											1		1																											2		2	
CARBON MONOXIDE													1																											1		1	
FALLING							1		1		1					2	2	3		1						2	1		1		1	4	6		3	5	26	20	40	60			
JUMPING																			1																					1		1	
POISONING									1		1		2												1															5		5	
SHOOTING													1																											1		1	
STRUCK BY OBJECT																			1																						1		1
STRUCK BY TRAIN									1		1	1																													2	1	3
THERAPEUTIC COMPLICATION	7	2	1	1	1	1	1				3		4		1		2	2	1	1	9	6	13	3	11	4	9	10	13	6	3	7	3	4	4	2	86	49	135				
UNDETERMINED MODE									1																												1			2		2	
MISCELLANEOUS		1					1																		1	1														2	2	4	
<b>TOTAL</b>	<b>7</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>5</b>		<b>7</b>		<b>11</b>	<b>1</b>	<b>12</b>		<b>3</b>	<b>2</b>	<b>6</b>	<b>3</b>	<b>4</b>	<b>2</b>	<b>9</b>	<b>6</b>	<b>14</b>	<b>3</b>	<b>16</b>	<b>6</b>	<b>9</b>	<b>11</b>	<b>13</b>	<b>7</b>	<b>7</b>	<b>13</b>	<b>3</b>	<b>8</b>	<b>11</b>	<b>29</b>	<b>139</b>	<b>96</b>	<b>235</b>				

# FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

## FALLS-ALCOHOL INCIDENCE

**TABLE 31**

FALLS BY CODE *	TOTAL	NOT TESTED										TESTED				STAGES															
		Total		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
E 880 - From Stairs	1		1		1		1																								
E 882 - From Building or Other Structure	3	1	2									1	2	2	1													1			
E 884 - From One Level to Another Bar Stool	1	1										1			1			1													
Bed	7	2	5	2	4	1	3			1	1		1		1																
Bicycle	1	1										1		1																	
Chair	3		3		3		2				1																				
Cliff	1	1										1			1														1		
Commode	1		1		1		1																								
Wheelchair	1		1		1		1																								
E 885 - On Same Level	26	7	19	6	17	5	14			1	3	1	2	1	2																
E 888 - Unspecified	15	7	8	2	6	2	6					5	2	2	1	3	1	1				1		1		1					
<b>TOTAL</b>	<b>60</b>	<b>20</b>	<b>40</b>	<b>10</b>	<b>33</b>	<b>8</b>	<b>28</b>			<b>2</b>	<b>5</b>	<b>10</b>	<b>7</b>	<b>4</b>	<b>6</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>1</b>			<b>1</b>		<b>1</b>		<b>2</b>		<b>1</b>			

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









US Department of Transportation  
Federal Highway Administration

# 1982 LICENSE PLATES

# 1982 LICENSE PLATES

JURISDICTION	AUTOMOBILES											TRUCKS						
	COLORS AND REFLECTORIZATION (R = Reflectorization)		TYPE OF PLATE <sup>1</sup> (M = Multiyear) (P = Permanent)	NUMBER OF PLATES	DISPOSITION ON SALE OF CAR (V = W/Vehicle) (O = W/Owner)	SLOGAN AND OTHER ITEMS ON PLATE	HANDICAPPED (H) DISABLED VETERAN (DV)	PERSONALIZED (VANITY) PLATE <sup>2</sup> (O=Original) (R=Renewal)	EXPIRATION DATE	ENFORCEMENT DATE	DATE PLATES GO ON SALE	EARLIEST DISPLAY DATE	COLORS AND REFLECTORIZATION (R = Reflectorization)		EXPIRATION DATE	ENFORCEMENT DATE	DATE PLATES GO ON SALE	EARLIEST DISPLAY DATE
	NUMERALS/ LETTERS	BACKGROUND											NUMERALS/ LETTERS	BACKGROUND				
Alabama <sup>3</sup>	Red(R)	White(R)	M-5 yr	1	V	HEART OF DIXIE (Heart, county prefix)	H DV	\$50	Staggered Monthly	No extension	Monthly	When issued	Black	White(R)	9-30	12-1	10-1	10-1
Alaska <sup>3</sup>	Blue/Red(R)	White(R)	M-5 yr	1	V	HEART OF DIXIE (Heart, Capitol, State flag)	H DV	50	Staggered Monthly	No extension	Monthly	When issued	Blue	Gold	12-31 <sup>4</sup>	1-1	11-15	When issued
Arizona <sup>3</sup>	Blue(R)	Gold(R)	M	2	V	THE LAST FRONTIER (State flag)	H DV	20	Stag. Mo. (Feb.-Nov.)	No extension	Monthly	When issued	White(R)	Maroon	12-31	2-15	12-1	12-1
Arkansas <sup>3</sup>	Red(R)	White/Brown(R)	M	2	V	(Brown bear, mountains)	H DV	20	Stag. Mo. (Feb.-Nov.)	No extension	Monthly	When issued	Black	Copper	12-31	2-15	12-1	12-1
	White(R)	Maroon	P	2	V	GRAND CANYON STATE	H	25(O) 10(R)	Staggered Monthly	No extension	Monthly	When issued	Black	Yellow	6-30	8-15	7-1	7-1
	Opaque Green	Copper(R)	P	2	V	GRAND CANYON STATE	H	25(O) 10(R)	Staggered Monthly	No extension	Monthly	When issued	Blue/Red(R)	White(R)				
California <sup>3</sup>	Red(R)	White(R)	P	1	O	—	H DV	25	Staggered Monthly	No extension	Monthly	When issued	Gold	Blue	Staggered Monthly	Determined by DMV	60 days before mo. of exp.	When issued
	Red(R)	White(R)	P	1	O	LAND OF OPPORTUNITY	H DV	25	Staggered Monthly	No extension	Monthly	When issued	White(R) <sup>5</sup>	Green	Staggered Monthly	Determined by DMV	60 days before mo. of exp.	When issued
	Blue/Red(R)	White(R)	P	1	O	LAND OF OPPORTUNITY	H DV	25	Staggered Monthly	No extension	Monthly	When issued	Red <sup>1</sup> (R)	White	4-30	5-1	4-1	4-1
Colorado <sup>3</sup>	White(R)	Blue	M	1	O	(Snow-capped mountains)	H DV	35(O) 25(R)	Staggered Monthly	No extension	Monthly	When issued	Red	White	4-30	5-1	4-1	4-1
Connecticut <sup>3</sup>	Blue(R)	Silver-White(R)	P	1	O	CONSTITUTION STATE	H DV	30(O) 10(R)	Staggered Monthly <sup>6</sup>	No extension	Monthly	When issued	Gold(R)	Blue(R)	Staggered Monthly	No extension	Monthly	90 days before exp.
Delaware	White	Blue	P	1	O	—	H DV	30(O) 10(R)	Staggered Monthly <sup>6</sup>	No extension	Monthly	When issued	Blue/Red(R)	Silver-White(R)	3-31	4-1	3-1	3-1
District of Columbia <sup>3</sup>	Gold(R)	Blue(R)	P	1	V	THE FIRST STATE	H	25	Staggered Monthly	No extension	Monthly	When issued	Green(R)	White(R)	3-31	4-1	3-1	3-1
	Blue/Red(R)	Silver-White(R)	M	2	O	1776 BICENTENNIAL 1976 (Capitol Dome)	H DV	10 <sup>7</sup>	3-31	4-1	3-1	3-1	Blue/Red(R)	Silver-White(R)	3-31	4-1	3-1	3-1
Florida <sup>3</sup>	Blue/Red(R)	Silver-White(R)	M	2	O	NATION'S CAPITAL (Capitol Dome)	H DV	10 <sup>7</sup>	3-31	4-1	3-1	3-1	Green(R)	White(R)	6-30	7-1	5-1	5-1
	Green(R)	White(R)	P	1	O	(State silhouette, county name)	DV	12	Birthdays	No extension	30 days before birthday	When issued	Green(R)	White(R)	6-30	7-1	5-1	5-1
Georgia	Green(R)	White(R)	P	1	O	(County name)	DV	12	Birthdays	No extension	30 days before birthday	When issued	Black/Red	White	12-31	4-2	1-1	1-1
Hawaii	Red(R)	Silver(R)	M-7 yr	1	V	(County name)	H DV	10(O)	12-31	4-2	1-1	1-1	Brown/Red	Silver-White(R)	Staggered Monthly	No extension	Monthly	When issued
Idaho <sup>3</sup>	Brown(R) <sup>8</sup>	Silver-White(R)	P	2	V	ALOHA STATE (Hawaiian warrior)	—	100	Staggered Monthly	No extension	Monthly	When issued	Green(R)	White(R)	12-31	1-1	12-1	12-1
Illinois	Green(R)	White(R)	M	2	O	FAMOUS POTATOES (County prefix)	H DV	25	Stag. Mo. (Jan.-Oct.)	No extension	Monthly	When issued	Black	Green	6-30	7-1	6-1	6-1
	Green(R)	White(R)	M	2	O	FAMOUS POTATOES (County prefix)	H DV	25	Stag. Mo. (Jan.-Oct.)	No extension	Monthly	When issued	Black <sup>9</sup>	White	2-28	3-1	1-2	1-2
Indiana	Blue(R)	White(R)	M	2	O	LAND OF LINCOLN	H DV	50(O) 10(R)	Stag. Mo. (Mar.-Nov.)	No extension	Monthly	When issued	White <sup>10</sup>	Green	12-31	3-15 <sup>10</sup>	12-1	12-1
Indiana	Brown/Yellow(R)	White(R)	M <sup>9</sup>	1	O	HOOSIER STATE	H DV	40	Stag. Mo. (Jan.-June)	No extension	Monthly	When issued	Blue	White	12-31	3-1 <sup>11</sup>	1-2	1-2
Iowa	White(R)	Green(R)	M	2	O	(County name)	H DV	25(O) 5(R)	12-31	3-15 <sup>10</sup>	12-1	12-1	Dark Blue	White	3-31	4-1	2-20	2-20
Kansas <sup>3</sup>	Blue(R)	White(R)	M-5 yr	1	O	(County prefix, sunflower)	H DV	25	Staggered Monthly	No extension	15 days before mo. of exp.	When issued	Blue(R) <sup>12</sup>	White(R)	4-30	7-1	5-1	5-1
	White/Gold	Dark Blue	M-5 yr	1	O	(County prefix, wheat stalks)	H DV	25	Staggered Monthly	No extension	15 days before mo. of exp.	When issued	Black	White(R)	Staggered Monthly	No extension	Monthly	30 days before exp.
Kentucky	Dark Blue	White	M	1	V	(County name)	H DV	25(O)	Staggered Monthly <sup>6</sup>	No extension	Monthly	When issued	Green	White	4-30	7-1	5-1	5-1
Louisiana <sup>3</sup>	Black	White(R)	M	1	V	BAYOU STATE	H DV	50	Staggered Monthly <sup>6</sup>	No extension	Monthly	When issued	White(R)	Black	2-28 <sup>15</sup>	3-1	10-1	10-1
Maine	Black	White(R)	M	1	V	SPORTSMAN'S PARADISE	H DV	50	Staggered Monthly <sup>6</sup>	No extension	Monthly	When issued	Blue	Silver-White	2-28 <sup>16</sup>	3-2 <sup>16</sup>	2-15	2-15 <sup>16</sup>
	Black	White(R)	M	2	O	VACATIONLAND	H DV	15	Staggered Monthly	No extension	Monthly	When issued	Black	White(R)	Staggered Monthly	No extension	Monthly	30 days before exp.
Maryland	Black	White	M-5 yr	2	O	—	H DV	25	3-31	4-1	2-13	3-1	Black	White	4-30 <sup>13</sup>	5-1	4-1	4-1
Massachusetts <sup>3</sup>	Red	Silver(R)	M	2	O	—	H DV	1014	Staggered Monthly <sup>6</sup>	No extension	Monthly	When issued	Green	Silver(R)	12-31	1-1	10-1	When issued
	Green(R)	Silver(R)	M	1	O	—	H DV	1014	Staggered Monthly <sup>6</sup>	No extension	Monthly	When issued	White(R)	Black	2-28 <sup>15</sup>	3-1	10-1	10-1
Michigan	White(R)	Black	M-5 yr	1	O	GREAT LAKES STATE	H	25	Staggered Monthly	No extension	Monthly	When issued	Blue	Silver-White	2-28 <sup>16</sup>	3-2 <sup>16</sup>	2-15	2-15 <sup>16</sup>
Minnesota <sup>3</sup>	Blue(R)	Silver-White	P	2	V	10,000 LAKES	H	100(O) <sup>16</sup>	Stag. (Mar.-Nov.)	10 days after 1st of mo.	Monthly	When issued	Orange(R) <sup>17</sup>	Green(R)	10-31	11-15	10-1	11-1
	Blue(R)	Silver-White/Blue/Green(R)	P	2	V	10,000 LAKES (Lake, trees, canoe)	H	100(O) <sup>16</sup>	Stag. (Mar.-Nov.)	10 days after 1st of mo.	Monthly	When issued	White(R) <sup>18</sup>	Black	12-31	3-1	1-1	1-1
Mississippi <sup>3</sup>	Blue(R)	White(R)	M-5 yr	1	O or V <sup>17</sup>	(County name)	DV	75(O) <sup>17</sup>	Staggered Monthly	15 days after exp. date	Monthly	When issued	Blue/Red(R)	White(R)	12-31	2-16	1-1	1-1
Missouri	Red(R)	White/Green(R)	M-5 yr	1	O or V <sup>17</sup>	THE HOSPITALITY STATE (Magnolia, county name)	DV	75(O) <sup>17</sup>	Staggered Monthly	15 days after exp. date	Monthly	When issued	Green(R)	White(R)	Staggered Monthly	No extension	Monthly	When issued
Montana	White(R)	Red	M	2	O	SHOW-ME STATE	H DV	12	Staggered Monthly	No extension	Monthly	When issued	Black	White(R)	12-31	3-1	1-1	1-1
Nebraska	Blue/Red(R)	White(R)	M	2	O	76 BICENTENNIAL, BIG SKY (State outline, bison skull)	—	20(O) 5(R)	Staggered Monthly	No extension	Monthly	When issued	White(R)	Black	12-31	2-16	1-1	1-1
	Scarlet/Blue(R)	Cream(R)	M	2	O	1776 BICENTENNIAL 1976 (Wagon, Indian)	H	50(O) 25(R)	Staggered Monthly	No extension	Monthly	When issued	Green(R)	White(R)	Staggered Monthly	No extension	Monthly	When issued
Nevada <sup>3</sup>	Silver(R)	Blue(R)	P	2	O	—	H DV	25(O) 15(R)	Staggered Monthly	No extension	Monthly	When issued	Silver(R)	Blue(R)	12-31 <sup>19</sup>	Staggered or 12-31	Monthly and 12-1	When issued
New Hampshire	Silver(R)	Blue(R)	P	2	O	—	H DV	25(O) 15(R)	Staggered Monthly	No extension	Monthly	When issued	Green(R)	White(R)	Staggered Monthly	No extension	Monthly	When issued
	Green(R)	White(R)	M	2	O	LIVE FREE OR DIE	H DV	5	Staggered Monthly	No extension	Monthly	When issued	Buff(R)	Blue	3-31	4-1	3-1 (New 2-1 (Renewal)	3-1 (New 2-1 (Renewal)
New Jersey <sup>3</sup>	Buff(R)	Blue	P	2	O	GARDEN STATE (State silhouette)	H DV	5020	Staggered Monthly <sup>20</sup>	No extension	Monthly	When issued	Black	Straw	3-31	4-1	3-1 (New 2-1 (Renewal)	3-1 (New 2-1 (Renewal)
	Black	Straw	P	2	O	GARDEN STATE	H DV	5020	Staggered Monthly <sup>20</sup>	No extension	Monthly	When issued	Red	Gold	12-31 <sup>3</sup>	3-2	12-15	12-15
New Mexico <sup>3</sup>	Black	Straw	P	2	O	GARDEN STATE	H DV	5020	Staggered Monthly <sup>20</sup>	No extension	Monthly	When issued	Blue(R)	Silver-Gray(R)	12-31	1-1	11-25	11-25
	Red	White(R)	P	1	O	LAND OF ENCHANTMENT (Sun symbol, USA)	H DV	—	12-313	3-2	12-15	12-15	Black	White(R)	5-31	6-1	4-1	4-1
New York <sup>3</sup>	Red	White(R)	P	1	O	LAND OF ENCHANTMENT (Sun symbol, county name)	H DV	—	12-313	3-2	12-15	12-15	Blue	Gold-Orange(R)	Staggered Monthly <sup>21</sup>	No extension	Monthly	When issued
North Carolina <sup>3</sup>	Red	White(R)	P	1	O	LAND OF ENCHANTMENT (Sun symbol, county name)	H DV	15	Staggered Monthly <sup>21</sup>	No extension	Monthly	When issued	Red	White	12-31	2-16	1-1	1-1
	Red	White(R)	P	1	O	FIRST IN FLIGHT (Wright Bros. airplane, sand dunes, sea oats)	H DV	10	Staggered Monthly	15 days after mo. of exp.	Monthly	When issued	Black	Silver-Gray(R)	12-31	1-1	11-25	11-25
North Dakota	Red	White(R)	P	1	O	1980	H DV	10	Staggered Monthly	15 days after mo. of exp.	Monthly	When issued	Blue(R)	White(R)	5-31	6-1	4-1	4-1
	Red	White(R)	P	1	O	FIRST IN FREEDOM	H DV	10	Staggered Monthly	15 days after mo. of exp.	Monthly	When issued	Blue(R)	Silver-Gray(R)	12-31	1-1	11-25	11-25
Ohio	Black	Silver-Gray(R)	P	2	V	—	H DV	100	3-31	4-1	2-1	2-1	Black	White(R)	12-31	6-1	4-1	4-1
Oklahoma <sup>3</sup>	Blue(R)	White(R)	M	2	O	PEACE GARDEN STATE (State silhouette)	H DV	3522	Staggered Monthly	No extension	Monthly	When issued	Green(R)	White(R)	12-31	3-2 <sup>23</sup>	12-1	12-1
	Yellow/Green/Black(R)	White(R)	M-5 yr.	1	V	OKLAHOMA IS OK (Sun behind State name)	H	10	Staggered Monthly	30 days after mo. of exp. <sup>23</sup>	Monthly	When issued	Gold	Blue	12-31 or Quarterly	No extension	Quarterly	When issued
Oregon <sup>3</sup>	Green(R)	White(R)	M-5 yr	1	V	OKLAHOMA IS OK	H	10	Staggered Monthly	30 days after mo. of exp. <sup>23</sup>	Monthly	When issued	Blue	Gold(R)	12-31 or Quarterly	No extension	Quarterly	When issued
	Gold	Blue	P	2	V	—	H	50 (2 yrs.)	Staggered Monthly <sup>6</sup>	No extension	30 days before mo. of exp.	When issued	Blue	Yellow(R)	Classes 1-8 10-31 <sup>24</sup>	11-1	9-30	9-30
Pennsylvania	Blue	Gold(R)	P	2	V	—	H	50 (2 yrs.)	Staggered Monthly <sup>6</sup>	No extension	30 days before mo. of exp.	When issued	Black	White(R)	Classes 9-20 5-31	6-1	4-30	4-30
	Blue	Yellow(R)	M	1	O	KEYSTONE STATE (Keystone)	H DV	20(O)	Staggered Monthly	No extension	6 weeks before exp.	When issued	Black	White(R)	3-31	4-1	2-20	2-20
Rhode Island	Blue(R)	White(R)	M	2	O	OCEAN STATE (Anchor)	DV	10	Staggered Monthly	No extension	45 days before mo. of exp.	When issued	Black	White(R)	3-31	4-1	2-20	2-20



# 1982 LICENSE PLATES

# 1982 LICENSE PLATES

JURISDICTION	AUTOMOBILES										TRUCKS							
	COLORS AND REFLECTORIZATION (R = Reflectorization)		TYPE OF PLATE <sup>1</sup> (M = Multiyear) (P = Permanent)	NUMBER OF PLATES	DISPOSITION ON SALE OF CAR (V = W/Vehicle) (O = W/Owner)	SLOGAN AND OTHER ITEMS ON PLATE	HANDICAPPED (H) DISABLED VETERAN (DV)	PERSONALIZED (VANITY) PLATE <sup>2</sup> (0=Original) (R=Renewal)	EXPIRATION DATE	ENFORCEMENT DATE	DATE PLATES GO ON SALE	EARLIEST DISPLAY DATE	COLORS AND REFLECTORIZATION (R = Reflectorization)		EXPIRATION DATE	ENFORCEMENT DATE	DATE PLATES GO ON SALE	EARLIEST DISPLAY DATE
	NUMERALS/ LETTERS	BACKGROUND											NUMERALS/ LETTERS	BACKGROUND				
South Carolina	Blue	White(R)	M	1	V <sup>25</sup>	(State seal in State outline)	H DV	15	Staggered Monthly	No extension	45 days before mo. of exp.	When issued	Green	White	12-31	1-1	Mid-October	When issued
South Dakota	Blue/Red(R)	White(R)	M	2	V	(Mt. Rushmore Memorial, stars, stripes, county name)	H DV	50(O) 35(R)	3-31	4-1	1-1	1-1	Blue/Red(R)	White(R)	3-31	4-1	1-1	1-1
Tennessee	Dark Blue(R)	Silver-White/Yellow(R)	M	1	O	VOLUNTEER STATE (State seal)	H DV	5026	Staggered Monthly	No extension	Monthly	When issued	Red(R)	Silver-White(R)	2-2826	4-16	3-1	3-1
Texas <sup>3</sup>	Black	White(R)	M	2	V	(State silhouette)	DV	10 <sup>3</sup>	Staggered Monthly	No extension	Monthly	When issued	Black <sup>27</sup>	White(R)	3-3127	No extension	2-1	When issued
Utah	Black	Silver(R)	M	2	O	(Beehive)	H	30(O) 5(R)	Staggered Monthly	No extension	Monthly	When issued	Black	Silver	1-31	2-1	1-1	1-1
Vermont	White(R)	Green(R)	M	2	O	GREEN MOUNTAINS	H DV	15	Staggered Monthly	No extension	Monthly	When issued	White(R)	Green(R)	Staggered Monthly	No extension	Monthly	When issued
Virginia <sup>3</sup>	Blue(R)	White(R)	M	2	O	—	H DV	10	Staggered Monthly	No extension	Monthly	When issued	Blue	White	Staggered Monthly	No extension	Monthly	When issued
Washington	Blue	White	M	2	O	—	H DV	10	Staggered Monthly	No extension	Monthly	When issued	Blue	White	Staggered Monthly	No extension	Monthly	When issued
Washington	Blue/Red(R)	White(R)	M	2	O	1776 INDEPENDENCE BICENTENNIAL 1976	H DV	10	Staggered Monthly	No extension	Monthly	When issued	Blue/Red(R)	White(R)	Staggered Monthly	No extension	Monthly	When issued
Washington	Green(R) <sup>28</sup>	White(R) <sup>28</sup>	M	2	V	—	H DV	30(O) 20(R) <sup>28</sup>	Staggered Monthly	No extension	45 days before mo. of exp.	When issued	Green	White	Staggered Monthly	No extension	45 days before mo. of exp.	When issued
West Virginia <sup>3</sup>	Blue(R)	White/Gold(R)	M	1	O	WILD WONDERFUL (State silhouette, blue border)	H DV	—	Staggered Monthly	No extension	Monthly	When issued	Blue(R)	White/Gold(R)	6-3030	7-1	5-15	6-1
West Virginia <sup>3</sup>	Blue(R)	White/Gold(R)	M	1	O	WILD WONDERFUL (State silhouette)	H DV	40 <sup>29</sup>	Staggered Monthly	No extension	Monthly	When issued	Blue(R)	White/Gold(R)	6-3030	7-1	5-15	6-1
Wisconsin	Black	Yellow(R)	M	2	O	AMERICA'S DAIRYLAND	H DV	10	Staggered Monthly	No extension	Monthly	When issued	Black	Green	12-3131	1-131	11-1	11-1
Wyoming	Brown/Yellow(R)	White(R)	M	2	O	(Cowboy and bucking horse)	DV	30	Staggered Monthly	No extension	12-31	1-1	Brown	White	12-31	3-1	12-1	1-1
Red Lake Band <sup>32</sup>	Red/Blue(R)	White(R)	M	2	V	RED LAKE BAND, CHIPPEWA INDIANS MN (Indian, lake)	—	—	3-1	3-7	2-1	2-1	Red/Blue(R)	White(R)	3-1	3-7	2-1	2-1
Menominee Nation <sup>33</sup>	Blue(R)	White(R)	M	2	O	MENOMINEE NATION (Thunderbird)	—	—	Staggered Monthly	No extension	Monthly	When issued	Blue(R)	White(R)	Staggered Monthly	No extension	Monthly	When issued
American Samoa	White	Green(R)	M	2	V	MOTU O FIAFIAGA (Cocoanut palm)	—	—	Staggered Monthly	No extension	Monthly	When issued	White	Green(R)	Staggered Monthly	No extension	Monthly	When issued
Guam	Black	Silver(R)	M	2	V	HAF A ADAI	—	25 <sup>34</sup>	Staggered Monthly	No extension	Monthly	When issued	Black	Beige(R)	Varies	No extension	Varies	When issued
Mariana Islands	Blue	White(R)	M	1	V	COMMONWEALTH (Star within Latte Stone-pillar)	—	—	12-31	12-31	—	—	Blue	White(R)	12-31	7-1	—	—
Puerto Rico	Black	Silver-White(R)	M	1	V	—	—	—	6-30	7-1	6-1	6-1	Black	Silver-White(R)	6-30	7-1	6-1	6-1
Virgin Islands <sup>35</sup>	Light Green	White	M-3 yr	2	O	AMERICAN PARADISE	—	—	Stag. Mo. (Jan.-Oct.)	No extension	Monthly	When issued	Red	Orange	Nov.-Dec.	No extension	—	When issued
U.S. Government <sup>36</sup>	Blue	White	P	2	O	—	—	—	—	—	—	—	Blue	White	—	—	—	—
U.S. Forces <sup>37</sup>	Black	Green-Blue(R)	M	2	V	USA	—	—	Staggered Daily	No extension	45 days before exp.	When issued	Black	Green-Blue(R)	Staggered Daily	No extension	45 days before exp.	When issued
Germany	Black	White	Temporary	2	Korea for reissue	U.S. FORCES KOREA	—	—	Upon U.S. registration	No extension	—	Arrival at U.S. port	Black	White	Upon U.S. registration	No extension	—	Arrival at U.S. port
Korea	Black	White(R)	P	2	—	U.S. FORCES AZORES	—	—	Staggered Daily	No extension	—	When issued	—	—	—	—	—	—
Azores	Red	White	P	2	O	AFI	—	—	Staggered Daily	No extension	—	When issued	—	—	—	—	—	—
Italy	Black	White	P	2	O	U.S.N.B. GTMO BAY CUBA	—	—	Staggered Daily	No extension	—	When issued	—	—	—	—	—	—
Guantanamo Bay	Black	White	P	2	O	—	—	—	Staggered Daily	No extension	—	When issued	—	—	—	—	—	—

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (Includes reproduction of license plates in full color of States and Canadian Provinces.)

<sup>1</sup> All plates are validated annually or biennially with a plate decal to show current registration except in New Jersey, New York, and the Virgin Islands, where a windshield sticker is used; and in Puerto Rico where a decal is used on the rear window.

<sup>2</sup> The fees shown are paid annually and are in addition to the regular registration fees.

<sup>3</sup> More than one plate is valid in 1982 in the following States:

**Alabama** — The red on white plate will be phased in during 1982. The first 2 digits are county prefix. The old plate uses the 3 alpha-3 numeric system.

**Alaska** — The blue on gold plates were first issued in May 1981. Both plates are validated with a plate sticker.

**Arizona** — Both plates are in use indefinitely, validated with a plate sticker.

**Arkansas** — Three plates are in use, validated with a plate sticker.

**California** — Both plates are permanent and are validated with a plate sticker but the yellow on black plate is no longer issued. A 7-digit series, beginning 1AAA000, is now being used on the blue plate.

**Colorado** — A new plate of the same design but using 3 alpha-3 numeric is being phased in as the 1977 supply runs out. Both plates are validated with a plate sticker.

**Connecticut** — Three plates are in use indefinitely, validated with a plate sticker. Replacement decals have month and year in red ink.

**District of Columbia** — Both plates are in use indefinitely, validated with a plate sticker.

**Florida** — Both plates are in use, validated with a plate sticker. A block of plates bearing the tribal name are issued to the Seminole and Miccosukee Tribal Councils for distribution to tribe members.

**Idaho** — Both plates are in use, validated with a plate sticker. The new plate with the snow-capped "A" in the State name was first issued in July 1981.

**Kansas** — The reflectorized plate will be issued in 1982 for new registrations and replacements; both plates will be in use until 1985, validated with a plate sticker.

**Louisiana** — Both plates are in use, validated with a plate sticker.

**Massachusetts** — Both plates are in use, the green on silver plate uses the 3 numeric-3 alpha series, and is issued to new registrants.

**Minnesota** — The new plate with the embossed map will be phased in beginning March 1982. All plates are validated with a plate sticker.

**Mississippi** — The new blue on white plate went on sale in October 1981 phasing out the old plate by October 1982.

**Nevada** — Three plates validated annually with a plate sticker. The new plate, not shown, has space at the bottom for a county decal which is optional at 50 cents.

**New Jersey** — The black on straw plate with N.J. at the top may use 3 alpha-3 numeric, and the reverse, 3 numeric-3 alpha. The blue plate is being phased in as the supply of the old straw plates is exhausted; however it will be replaced with the new reflectorized blue plate of the same design beginning in 1982.

**New Mexico** — Three plates are in use and are validated with a plate sticker. A new graphic plate (red on gold) with the same slogan, will be issued beginning April 1982 to new registrants and transfers. All new plate issues will be placed in the annual staggered registration system, expiring monthly; all others expire December 31 until the vehicle is transferred or junked.

**New York** — A 7-digit series, beginning 0000-AAA, is in use on the same basic plate.

**North Carolina** — A new graphic plate will be seen in 1982, issued first to officials and personalized plates until the supply of the regular plates is exhausted. All will be validated with a month and year sticker.

**Oklahoma** — Beginning February 1982, a new graphic plate using the 3 alpha-3 numeric series will be issued to new registrants.

**Oregon** — Both plates are permanent and are validated with a plate sticker.

**Texas** — Both plates are validated with a sticker. Personalized plate colors are green on white and expire March 31.

**Virginia** — Three plates are in use, validated with a plate sticker. The bicentennial issue has been extended indefinitely, at the discretion of the Commissioner.

**West Virginia** — Two plates are now in use. The older graphic issue with the blue border around the State silhouette will be validated by a sticker while the new plate will not require a sticker until it expires in 1982. The first digit indicates month of expiration.

<sup>4</sup> Registration of pickups and vans in private use is staggered monthly.

<sup>5</sup> Truck plates: White(R) on green — State, metro, and farm trucks. Yellow(R) on green — Recreation truck. White(R) on blue — Gross ton-mile truck over 6,000 pounds g.v.w.

<sup>6</sup> Two-year registration.

<sup>7</sup> Personalized plates are black on reflectorized white. Initial reservation fee is \$25, plus \$10 annually, in addition to the regular registration fee.

<sup>8</sup> Automobile plates, 3 alpha-3 numeric; commercial truck plates, 3 numeric-3 alpha.

<sup>9</sup> Passenger car and recreational vehicle plates with numbers greater than 100 are issued for 3 years, all others, annually. All truck plates are black on white. Two-year semitrailer plates, black on white will expire February 28, 1983, and red on white will expire February 28, 1984.

<sup>10</sup> Penalty date is February 1 but enforcement usually begins March 15. Apportioned truck plates are: Full year — red on white; half year — white on red.

<sup>11</sup> Penalty date is February 16, but enforcement begins March 1.

<sup>12</sup> Pickup truck plates have the same color and expiration date as automobile plates. Plates for common carriers are black on green, and farm trucks, white on orange.

<sup>13</sup> Dump service registration expires May 31, enforcement June 1.

<sup>14</sup> Personalized plates (letters) are issued annually for \$10 plus the regular registration fee, and special low-numbered 2-year plates are available for \$2 per issue in addition to the regular registration fee.

<sup>15</sup> Special 3- and 6-month plates are available for qualified vehicles.

<sup>16</sup> Personalized plate fee is \$100 for the permanent plate; no additional charge at time of renewal. For trucks, penalty date is March 11 but enforcement begins March 2. Apportioned truck registration expires December 31, penalty begins January 11 and earliest display date is November 15.

<sup>17</sup> Plates remain with the owner if vehicle is sold to a dealer; with the vehicle is sold to an individual. Personalized plate fee is \$75 for 5-year registration period, reduced \$10 each year, and no additional charge at time of renewal. Pickup truck plates have same color and expiration as automobile plates. Trucks having 16,000 pounds g.v.w. and over use the orange on green plates.

<sup>18</sup> Local truck plates are reflectorized white on blue.

<sup>19</sup> Registration of trucks under 5,000 pounds unladen weight may be staggered monthly.

<sup>20</sup> Low-numbered courtesy plates are issued at \$15 initial fee, and vanity plates with a maximum of 6 characters are issued at \$50 initial fee, both in addition to the regular registration fee. If a resident is out-of-State on the expiration date, the windshield sticker is valid until his return to New Jersey.

<sup>21</sup> Registrations which expire on a Saturday, Sunday or holiday are extended until midnight of the next business day. Seven digits are now in use, beginning 0000-AAA.

<sup>22</sup> Reserved numbers are issued at \$10 per annum, and special 4- to 6-letter combinations are issued at \$35 per annum, both in addition to regular registration fee.

<sup>23</sup> For automobiles, after the 30 days, a penalty of 25¢ per day is charged for 3 months and after that the registration fee is doubled. For trucks, penalty begins February 1, but enforcement date is March 3. Farm truck registrations are staggered monthly, as automobiles.

<sup>24</sup> New truck registrations will be staggered monthly during conversion to the staggered system.

<sup>25</sup> The owner may retain the plates if the new vehicle is in the same classification.

<sup>26</sup> All special passenger-car plates expire same as trucks. Pickup trucks in private use are registered as automobiles.

<sup>27</sup> Combination and apportioned license plates are green on white. Light trucks with manufacturer's rated carrying capacity of 1 ton or less are registered monthly, as automobiles.

<sup>28</sup> Optional colors for personalized plates are green on yellow.

<sup>29</sup> Special nonprefixed numbers ranging from 2 through 2,000, approved by the Governor for 1 year at \$5; vanity plates limited to 5 letters or numerals, expire July 1 annually, at \$40 in addition to registration fee.

<sup>30</sup> Class A trucks (8,000 pounds g.v.w. and less) are registered as automobiles.

<sup>31</sup> Plates for commercial trucks 8,000 pounds g.v.w. and under are red on reflective white. For privately operated trucks of 8,000 pounds g.v.w. and under plates are blue on reflective white, expiration date is January 31 and enforcement date, February 1.

<sup>32</sup> Effective January 1977 persons living on the Red Lake Indian Reservation use this plate, valid in any State. The Minnesota State registration and license plate are not required.

<sup>33</sup> Effective December 1979, persons residing on the land of the Menominee Nations use this plate, valid in any State. The Wisconsin State registration and license plate are not required.

<sup>34</sup> Cost varies according to total number of plates ordered by the issuing agency, in addition to annual fee and registration fee.

<sup>35</sup> Automobile plates have a prefix identifying the Islands: T for St. Thomas, C for St. Croix, and J for St. John; truck plates use a CP prefix. Taxi plates are black on yellow and expire as trucks.

<sup>36</sup> Used on vehicles maintained by the General Services Administration in 100 motor pools nationwide for official use of government agencies and departments. Other Federal government vehicles owned by individual departments and agencies are identified by an alpha prefix department code.

<sup>37</sup> Military/civilian-use plates for use on privately owned vehicles of members of the U.S. Forces, their dependents, civilians working for the Forces and selected NATO members while on foreign duty, and valid in the U.S. for a period not exceeding the nonresident requirements of the State of new assignment or residence.

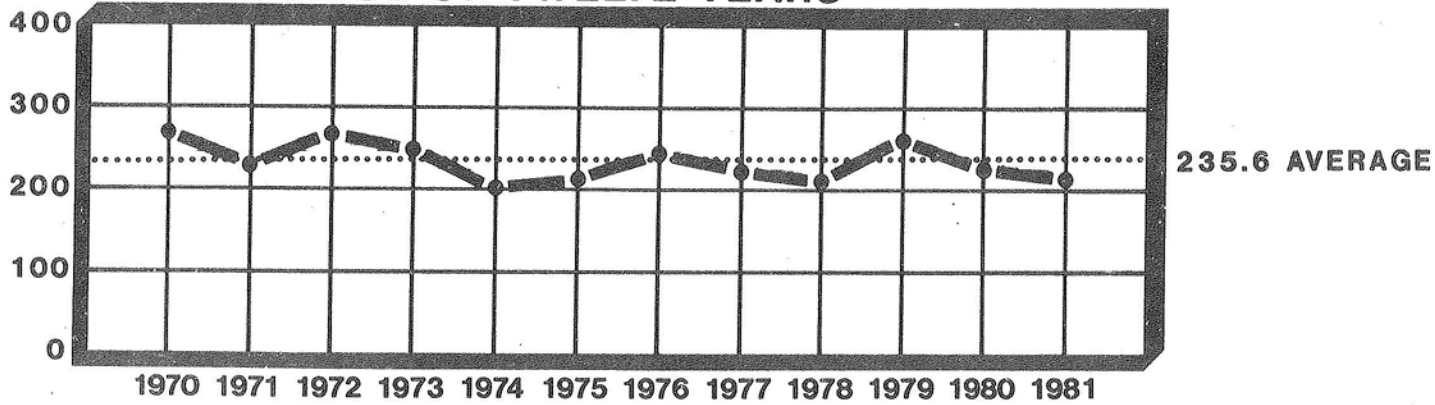
**Germany** — Issued by the USAREUR Vehicle Registry.

**Korea** — Issued by the Eighth U.S. Army Provost Marshal's Office.

**Italy** — Issued for the Allied Forces in Italy. The black on white plate is issued for use on the first military privately owned vehicle and is exempt of road tax; the white on black plate is used for a second (or more) vehicle and the owner must pay road taxes, same as regular Italian registrants.

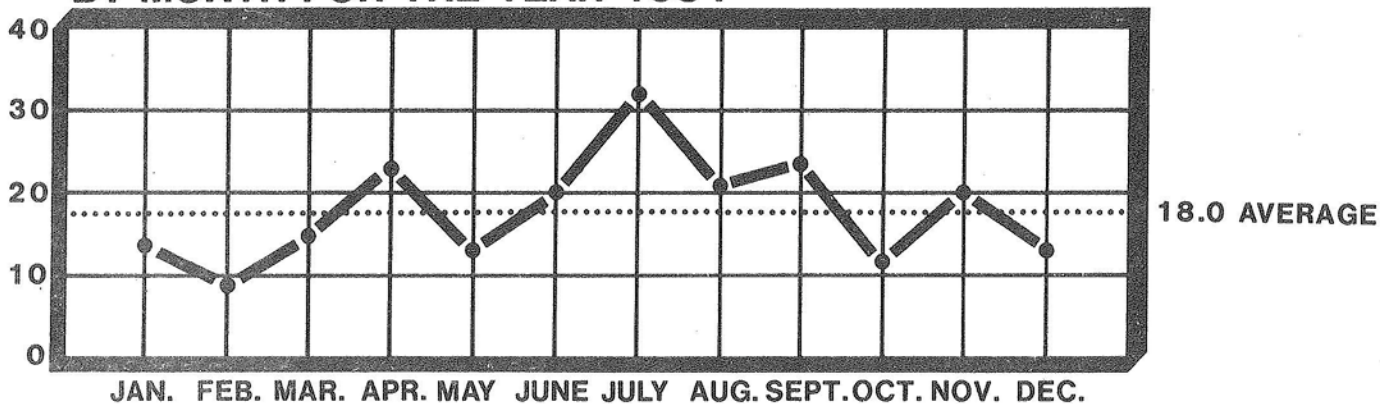
# VEHICULAR ACCIDENTS

FOR A PERIOD OF TWELVE YEARS



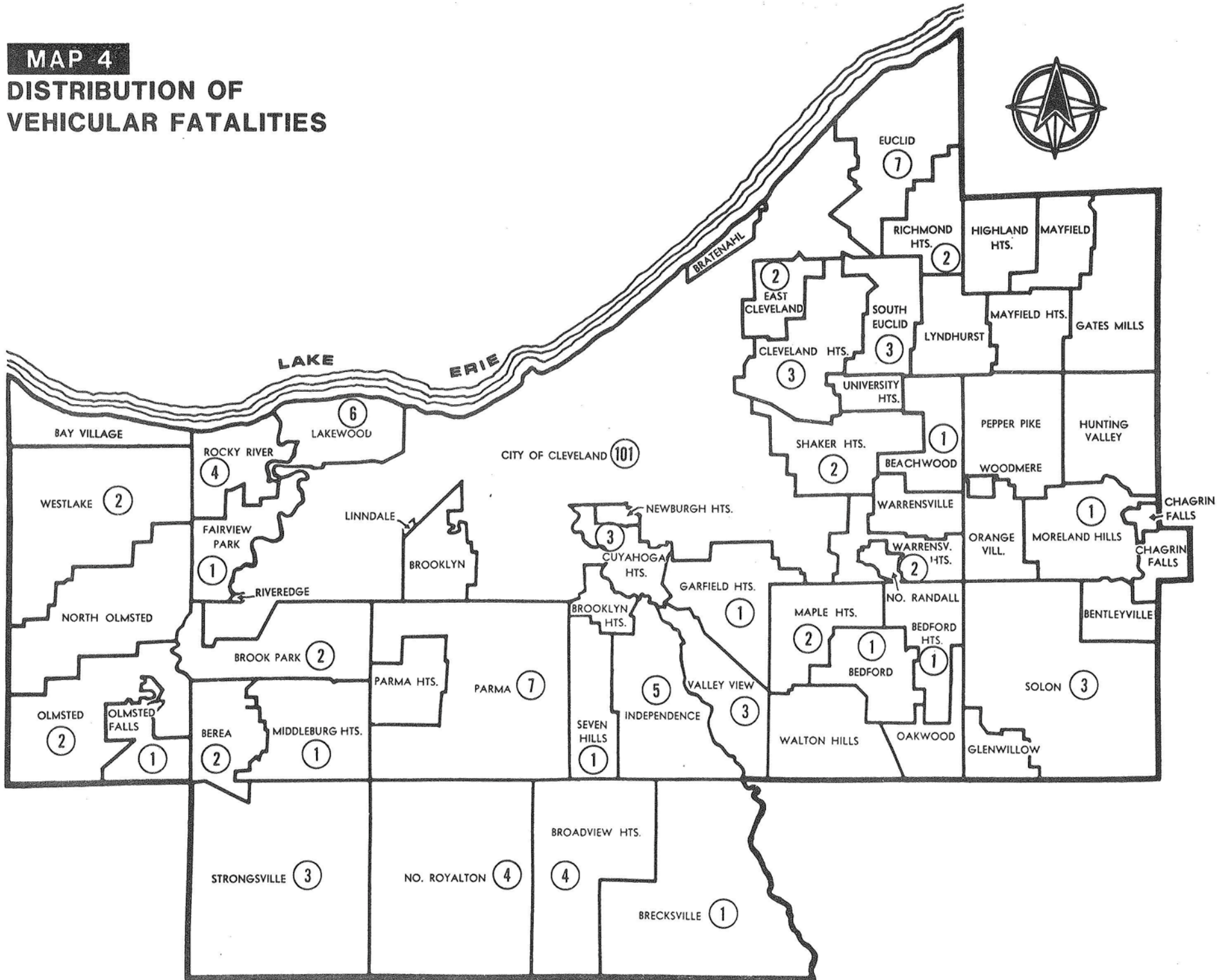
		NUMBER	PERCENT
SEX	MALE	148	69
	FEMALE	68	31
RACE	WHITE	172	80
	NON-WHITE	44	20
ALCOHOL	TESTED	174	81
	POSITIVE	76	44
AUTOPSY	AUTOPSIED	210	97

BY MONTH FOR THE YEAR 1981



1981 TOTAL CASES 216
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# MAP 4 DISTRIBUTION OF VEHICULAR FATALITIES



## BLOOD ALCOHOL CONCENTRATION BY WEIGHT

APPROXIMATE PERCENT OF ALCOHOL CONCENTRATION IN BLOOD\*

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

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

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

# PHARMACOLOGICAL EFFECT OF ALCOHOL

## SOMESTHETO-PSYCHIC AREA

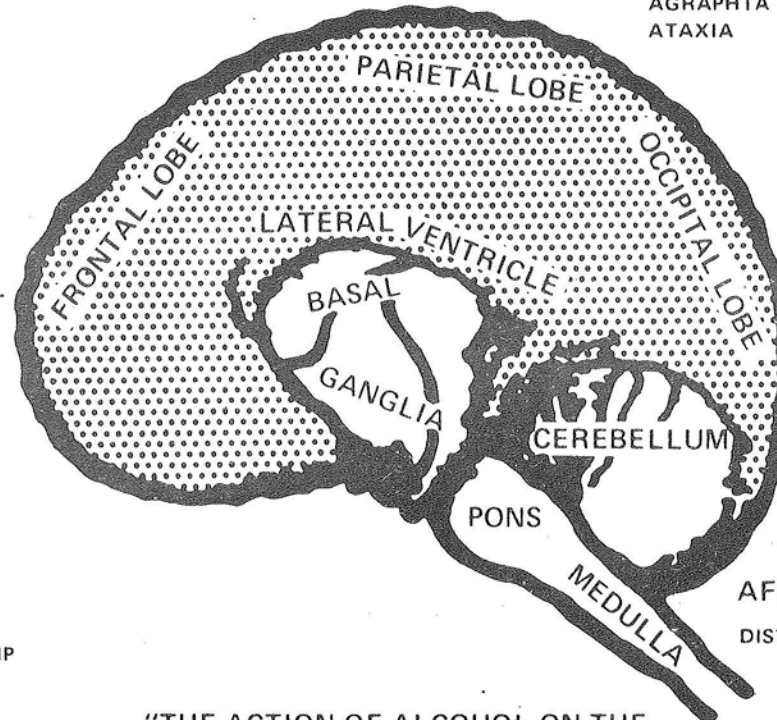
AFFECTED BY 0.10-0.30% ALCOHOL

DULLED OR DISTORTED SENSIBILITIES

## PSYCHOMOTOR AREA

AFFECTED BY 0.10-0.20% ALCOHOL

APRAXIA    TREMORS  
 AGRAPHIA    SLURRED SPEECH  
 ATAXIA    LOSS OF SKILL



## FRONTAL LOBE

AFFECTED BY 0.01-0.10% ALCOHOL

REACTION IS COLORED BY  
 INDIVIDUAL'S PERSONALITY  
 REMOVAL OF INHIBITIONS  
 LOSS OF SELF CONTROL  
 WEAKNESS OF WILL POWER  
 DEVELOPMENT OF EUPHORIA  
 FEELING OF WELL BEING  
 EXALTATION  
 INCREASED CONFIDENCE  
 EXPANSIVENESS  
 GENEROSITY  
 ALTERED JUDGEMENT  
 INCREASED GOOD FELLOWSHIP  
 LOQUACIOUSNESS  
 DULLING OF ATTENTION

## VISUO-PSYCHIC AREAS

AFFECTED BY 0.20-0.30% ALCOHOL

DISTURBANCE OF:  
 COLOR PERCEPTION    FORM  
 DIMENSIONS    MOTION  
 DIPLOPIA    DISTANCE

## CEREBELLUM

AFFECTED BY 0.15-0.35% ALCOHOL

DISTURBANCE OF EQUILIBRIUM

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

## DIENCEPHALON

AFFECTED BY 0.25-0.40% ALCOHOL

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

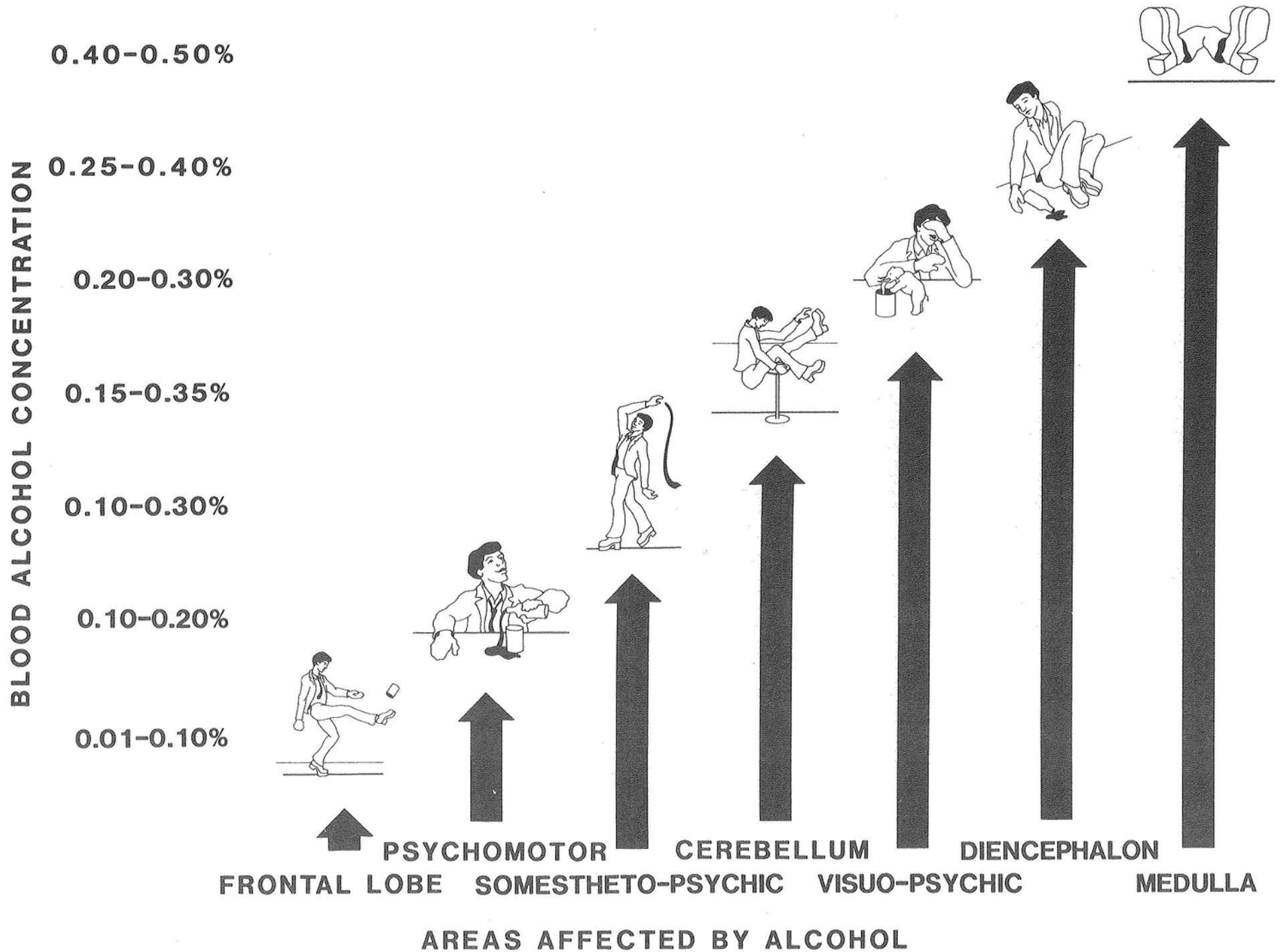
## MEDULLA

AFFECTED BY 0.40-0.50% ALCOHOL

DEPRESSION OF RESPIRATION  
 PERIPHERAL COLLAPSE  
 SUBNORMAL TEMPERATURE  
 DEATH



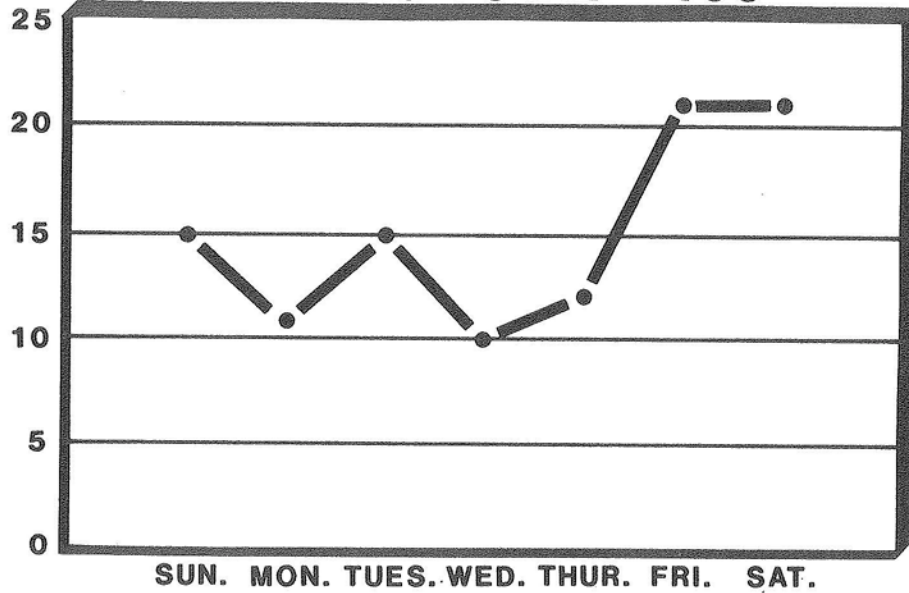
# ALCOHOL EFFECTS ON BRAIN DEMONSTRATED PICTORIALLY



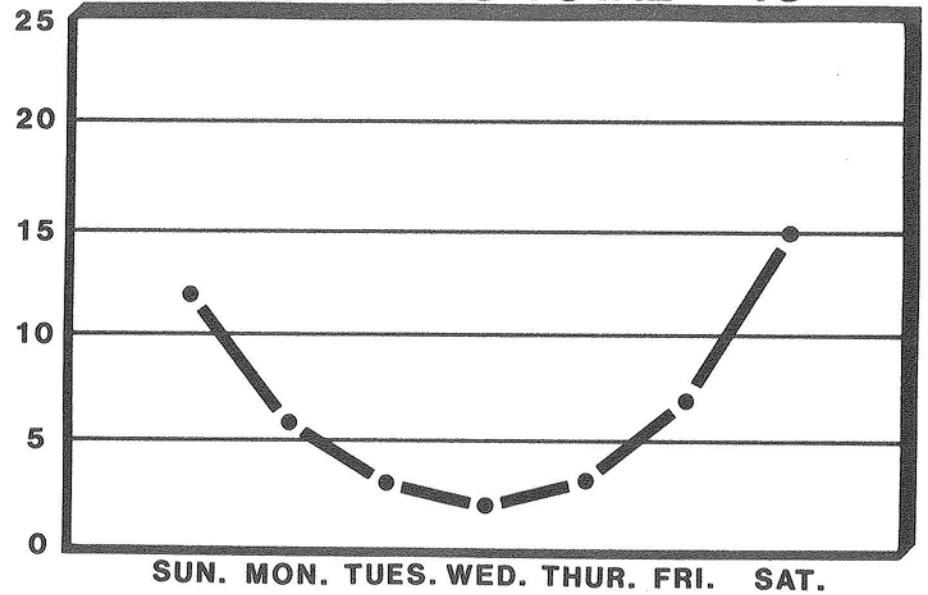
# VEHICULAR FATALITIES

## DAILY INCIDENCE

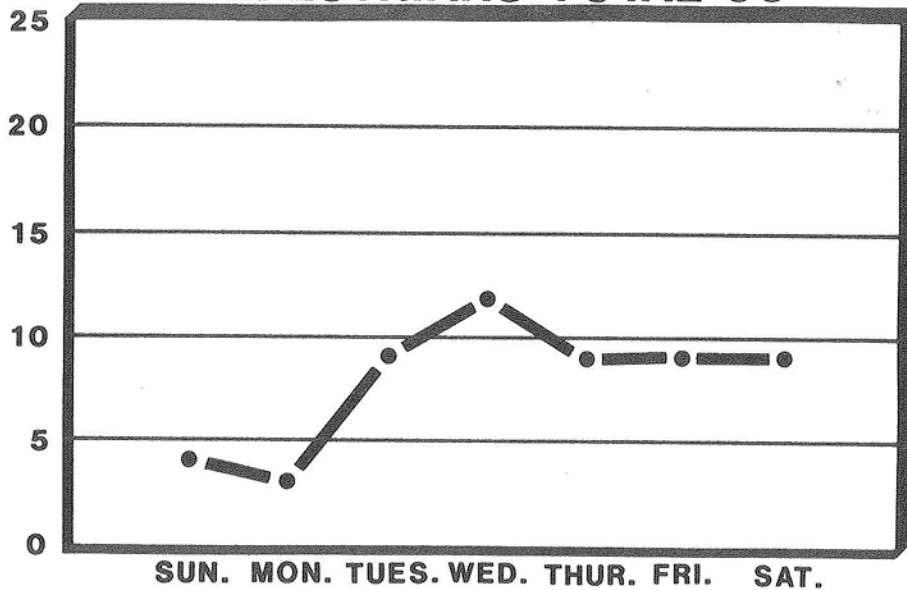
### DRIVERS TOTAL - 105\*



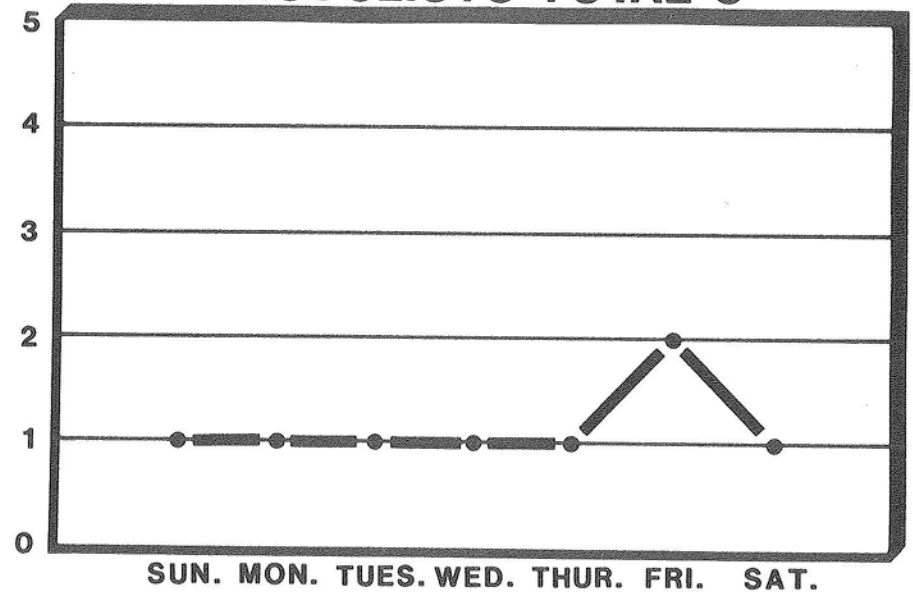
### PASSENGERS TOTAL - 48\*\*



### PEDESTRIANS TOTAL 55



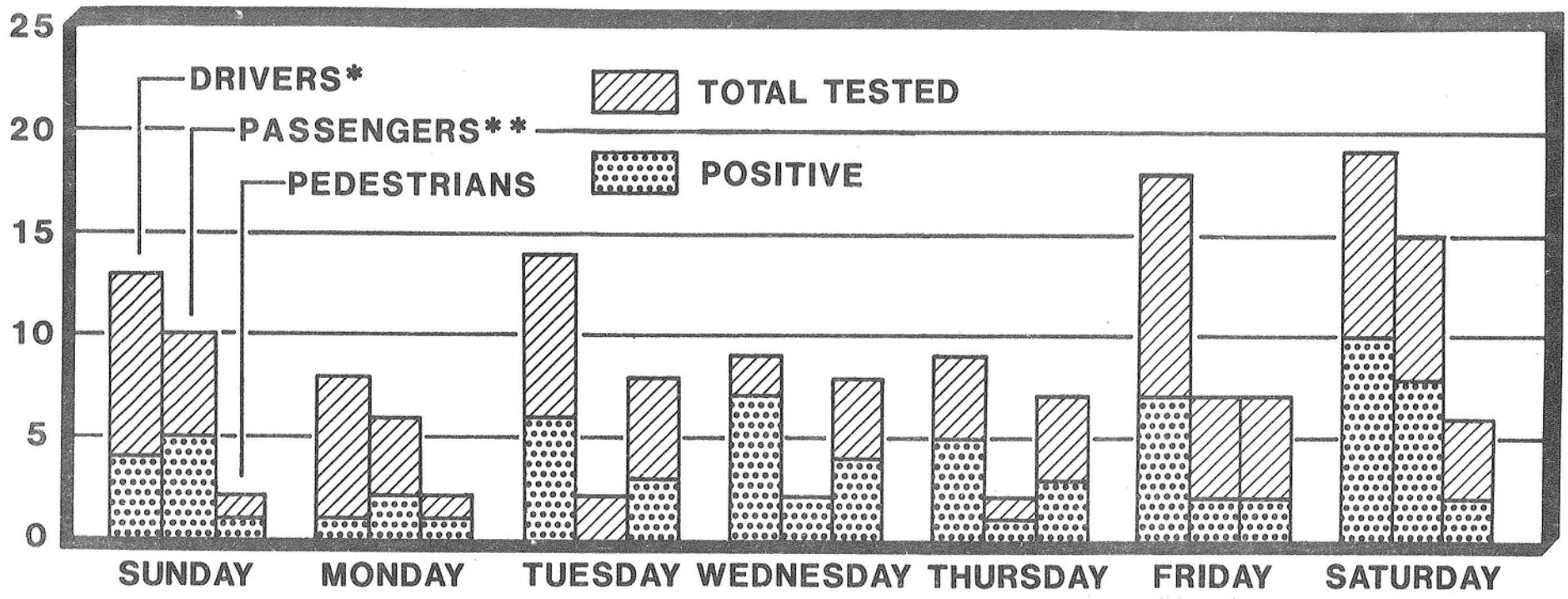
### BICYCLISTS TOTAL 8



\* Includes 19 Motorcyclists

\*\*Includes 4 Motorcycle Passengers

# VEHICULAR FATALITIES DAILY ALCOHOL INCIDENCE



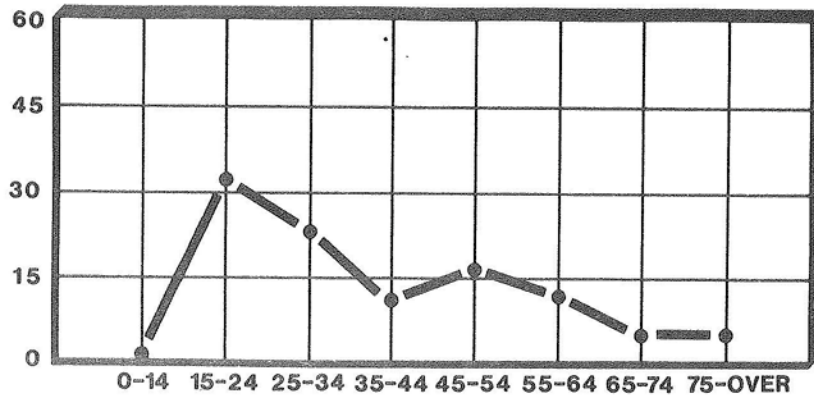
\*INCLUDES 19 MOTORCYCLE DRIVERS  
 \*INCLUDES 8 BICYCLE DRIVERS  
 \*\*INCLUDES 4 MOTORCYCLE PASSENGERS

	TESTED	POSITIVE
DRIVERS:	90	40
PASSENGERS:	44	20
PEDESTRIANS:	40	16
TOTAL:	174	76

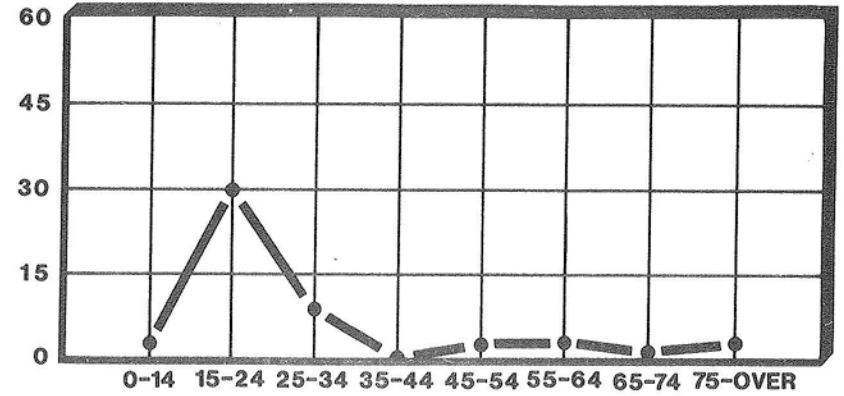
# VEHICULAR FATALITIES

## AGE GROUPS-CLASSIFICATION OF VICTIMS

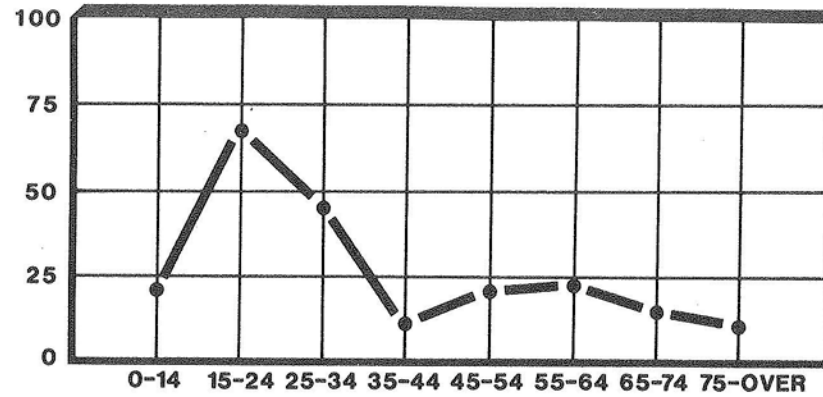
### DRIVERS



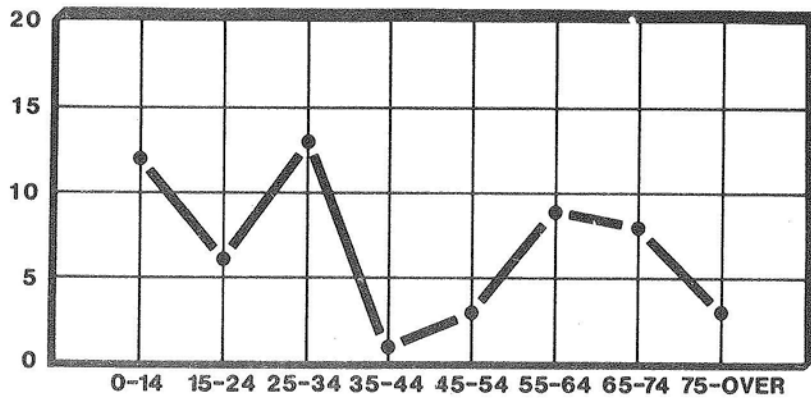
### PASSENGERS



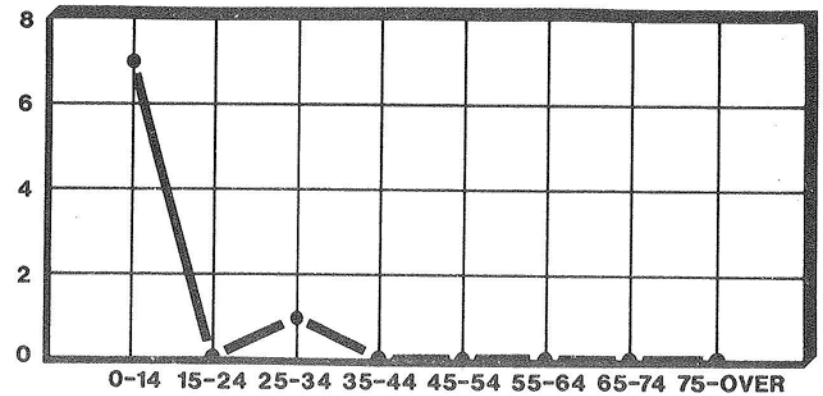
### TOTAL



### PEDESTRIANS



### BICYCLISTS



# VEHICULAR FATALITIES

## CLASSIFICATION OF VICTIMS-ALCOHOL INCIDENCE

**TABLE 33**

CLASSIFICATION	TOTAL	NOT TESTED										TESTED						STAGES																					
		Total		Cleve.		County		Out Of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
BICYCLIST	8	5	3	2	1	1	1	2	1			4	2	1		3	2			1	1	1	1																
DRIVER *	105	80	25	40	8	32	13	7	4	1		12	5	11	5	1			68	20	38	10	30	10	1	1	2		3		9	4	7	1	4	4	4		
PASSENGER **	48	21	27	13	10	5	10	3	7			1	3		3	1			20	24	7	17	13	7	2	4	1	3	2		2		3		3				
PEDESTRIAN	55	42	13	22	5	14	7	5	1	1		11	4	5	2	6	2		31	9	18	6	13	3		2		4	1	3		1		1	2	2			
<b>TOTAL</b>	<b>216</b>	<b>148</b>	<b>68</b>	<b>77</b>	<b>24</b>	<b>52</b>	<b>31</b>	<b>17</b>	<b>13</b>	<b>2</b>		<b>28</b>	<b>14</b>	<b>17</b>	<b>10</b>	<b>11</b>	<b>4</b>		<b>120</b>	<b>54</b>	<b>64</b>	<b>34</b>	<b>56</b>	<b>20</b>	<b>3</b>	<b>5</b>	<b>5</b>	<b>3</b>	<b>9</b>	<b>1</b>	<b>14</b>	<b>4</b>	<b>11</b>	<b>1</b>	<b>8</b>	<b>6</b>	<b>6</b>		

\* Drivers include 19 motorcyclists.  
 \*\* Passengers include 4 motorcycle passengers.

## MONTHLY ALCOHOL INCIDENCE

**TABLE 34**

MONTH	TOTAL	NOT TESTED										TESTED						STAGES																					
		Total		Cleve.		County		Out Of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
JANUARY	14	10	4	4	2	5	2	1				5		4		1			5	4	3	1	2	3									2	1			1	1	
FEBRUARY	9	4	5	3	3	1	1		1			1	1	1		1			3	4	1	3	2	1				1						1	1				
MARCH	15	10	5	4	2	5	2	1	1				1		1				10	4	7	2	3	2		1	1	1	1						1				
APRIL	23	14	9	11	3	1	5	2	1			3	2	2	2	1			11	7	5	5	6	2			1			3	1	1		1	1				
MAY	13	10	3	7	1	2	1	1	1			3	1	1	1	2			7	2	3	2	4		1			2				1							
JUNE	20	18	2	9	1	5	1	3		1		4		3		1			14	2	7	1	7	1	1		2		1			1	1		2				
JULY	32	23	9	9	5	10	3	3	1	1		5	2	2	1	3	1		18	7	11	5	7	2		2			1	2		2					2		
AUGUST	21	14	7	8	1	5	1	1	5			3	2	1	1	2	1		11	5	4	5	7						3	1		1			1		2		
SEPTEMBER	24	18	6	6	3	9	2	3	1			2	2	2	1		1		16	4	10	1	6	3		1		1	2	2					2	1			
OCTOBER	12	7	5	1	1	5	4	1				1	2	1	2				6	3	4	1	2	2		1		1		1	1								
NOVEMBER	20	13	7	9		4	5		2			1			1				12	7	4	5	8	2	1		1	1	1		3		1		1	1			
DECEMBER	13	7	6	6	2		4	1					1		1				7	5	5	3	2	2				1	1						1	1			
<b>TOTAL</b>	<b>216</b>	<b>148</b>	<b>68</b>	<b>77</b>	<b>24</b>	<b>52</b>	<b>31</b>	<b>17</b>	<b>13</b>	<b>2</b>		<b>28</b>	<b>14</b>	<b>17</b>	<b>10</b>	<b>11</b>	<b>4</b>		<b>120</b>	<b>54</b>	<b>64</b>	<b>34</b>	<b>56</b>	<b>20</b>	<b>3</b>	<b>5</b>	<b>5</b>	<b>3</b>	<b>9</b>	<b>1</b>	<b>14</b>	<b>4</b>	<b>11</b>	<b>1</b>	<b>8</b>	<b>6</b>	<b>6</b>		

# VEHICULAR FATALITIES

## DAILY ALCOHOL INCIDENCE

TABLE 35

DAY	TOTAL	NOT TESTED										TESTED						STAGES													
		Total		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
SUNDAY	32	22	10	5	2	3	2	2				17	8	10	5	7	3		2	2				1		2		2	1		
MONDAY	21	18	3	5		3		2				13	3	9	3	4		1		1				1		1					
TUESDAY	28	22	6	2	2	2	2					20	4	12	3	8	1			1				2	1	1		1		3	
WEDNESDAY	25	18	7	5	1		1	5				13	6	5	1	8	5		1		1	3		3	1	2			2		
THURSDAY	25	17	8	4	3	3	2	1	1			13	5	8	1	5	4	1				1	1	1	1	2			2		
FRIDAY	39	26	13	4	3	3	2	1	1			22	10	12	9	10	1			1		1		4		2		1	1	1	
SATURDAY	46	25	21	3	3	3	1		2			22	18	8	12	14	6	1	2		2	4		2	1	1	1	4		2	
TOTAL	216	148	68	28	14	17	10	11	4			120	54	64	34	56	20	3	5	5	3	9	1	14	4	11	1	8	6	6	

# VEHICULAR FATALITIES

## AGE-RACE-ALCOHOL INCIDENCE

**TABLE 36**

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	1	1		1				1																										
	Non-White																																		
1 - 4	White	4	3	1	3	1			3	1																									
	Non-White	2	2		1				1				1	1																					
5 - 9	White	5	5		5		1		4																										
	Non-White	1		1		1				1																									
10 - 14	White	6	4	2	3	2	1		2	2			1	1																					
	Non-White	3	2	1									2	1	1	1	1		1																
15 - 19	White	31	19	12	1	2	1	2				18	10	9	6	9	4	2	2	4	2	1		1		1									
	Non-White	5	4	1								4	1	4			1			1															
20 - 24	White	29	21	8	2	1	2	1				19	7	5	2	14	5		1			3		3	1	3		4	3	1					
	Non-White	3	1	2	1	1	1	1						1										1											
25 - 29	White	26	21	5	3		3					18	5	11	3	7	2		1			2		2	1	2					1				
	Non-White	5	5									5		1		4							3		1										
30 - 34	White	11	7	4	1		1					6	4	2	3	4	1						2	1	1						1				
	Non-White	4	2	2		1		1				2	1		1	2				1		1													
35 - 39	White	2	1	1								1	1	1			1														1				
	Non-White	5	3	2								3	2	3	1		1		1																
40 - 44	White	3	3		1		1					2		2																					
	Non-White	2	2									2				2							1							1					
45 - 49	White	5	3	2								3	2	2	2	1																1			
	Non-White	5	3	2		1		1				3	1	2		1	1									1	1								
50 - 54	White	8	2	6		2		2				2	4	1	4	1															1				
	Non-White	3	3		1		1					2				2										1						1			
55 - 59	White	14	10	4		1		1				10	3	5	2	5	1					1		1		1		1	1	1	1				
	Non-White	4	4									4		2		2							1									1			
60 - 64	White	5	4	1								4	1	3	1	1						1													
	Non-White																																		
65 - 69	White	7	3	4	1		1					2	4	2	2		2						1							1					
	Non-White																																		
70 - 74	White	5	3	2								3	2	3	2																				
	Non-White	2	2		2		2																												
75 - 79	White	4	1	3	1		1						3		3																				
	Non-White																																		
80-over	White	6	4	2	1	1	1	1				3	1	3	1																				
	Non-White																																		
TOTAL	White	172	115	57	23	10	13	7	10	3		92	47	50	31	42	16	2	4	4	2	8	1	9	3	8		7	6	4					
	Non-White	44	33	11	5	4	4	3	1	1		28	7	14	3	14	4	1	1	1	1	1		5	1	3	1	1	1			2			
GRAND TOTAL		216	148	68	28	14	17	10	11	4		120	54	64	34	56	20	3	5	5	3	9	1	14	4	11	1	8	6	6					







# VEHICULAR FATALITIES

## TRAFFIC-COLLISION-ALCOHOL INCIDENCE

### ALL DRIVERS

**TABLE 39A**

TYPE	TOTAL	NOT TESTED												TESTED						STAGES																			
		Total		Cleve.		County		Out Of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
AUTO - AMISH BUGGY Driver	1	1						1				1		1																									
AUTO - AUTO Driver	36	23	13	17	3	5	8	1	2			4	1	4	1					19	12	10	7	9	5	1							3	3	3	1	2	1	
AUTO - BICYCLE Bicyclist	5	2	3	2	1		1		1			2	2			2	2				1		1																
AUTO - BUS Driver	2	2		2															2		1		1													1			
AUTO - FIXED OBJECT Driver	33	22	11	12	5	9	4		2	1		2	3	2	3				20	8	8	3	12	5		1	1		3		2	1	1	1	2	2	3		
AUTO - MOTORCYCLIST Cyclist	8	8		4		3		1				3		2		1			5		5																		
AUTO - TRUCK Driver	9	8	1	2		6	1					1		1					8		5		3						2		1								
MOTORCYCLE - BUS Cyclist	1	1				1													1		1																		
MOTORCYCLE - FIXED OBJECT Cyclist	5	5		1		1		3											5		2		3				1			2									
MOTORCYCLE - MOTORCYCLE Cyclist	2	2		1		1													2		1		1												1				
MOTORCYCLE - TRUCK Cyclist	2	2		1		1						1		1					1		1																		
TRUCK - BICYCLE Bicyclist	2	2				1		1				1			1				1		1																		
TRUCK - FIXED OBJECT Driver	1	1				1													1		1																		
TRUCK - SNOWMOBILE Driver	1	1						1				1		1																									
TRUCK - TRUCK Driver	1	1				1													1		1																		
<b>TOTAL</b>	<b>109</b>	<b>81</b>	<b>28</b>	<b>42</b>	<b>9</b>	<b>30</b>	<b>14</b>	<b>8</b>	<b>5</b>	<b>1</b>		<b>15</b>	<b>7</b>	<b>11</b>	<b>5</b>	<b>4</b>	<b>2</b>		<b>66</b>	<b>21</b>	<b>37</b>	<b>11</b>	<b>29</b>	<b>10</b>	<b>1</b>	<b>1</b>	<b>2</b>		<b>3</b>		<b>9</b>	<b>4</b>	<b>6</b>	<b>1</b>	<b>4</b>	<b>4</b>	<b>4</b>		

# VEHICULAR FATALITIES

## TRAFFIC-COLLISION-ALCOHOL INCIDENCE

### PEDESTRIANS

**TABLE 39B**

TYPE	TOTAL	NOT TESTED												TESTED						STAGES																		
		Total		Cleve.		County		Out Of County		Turn-pike		Total		Surv'd Too Long	Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
<b>PEDESTRIAN:</b>																																						
Auto	39	32	7	18	1	11	6	3				8	2	5	2	3				24	5	14	5	10			1		4		2		1				2	
Bus	1		1				1												1		1			1												1		
Motorcycle	3	1	2	1	2								2				2		1		1																	
Truck	12	9	3	3	2	3		2	1	1		3				3			6	3	3	1	3	2			1			1	1			1	1			
<b>TOTAL</b>	<b>55</b>	<b>42</b>	<b>13</b>	<b>22</b>	<b>5</b>	<b>14</b>	<b>7</b>	<b>5</b>	<b>1</b>	<b>1</b>		<b>11</b>	<b>4</b>	<b>5</b>	<b>2</b>	<b>6</b>	<b>2</b>		<b>31</b>	<b>9</b>	<b>18</b>	<b>6</b>	<b>13</b>	<b>3</b>			<b>2</b>		<b>4</b>	<b>1</b>	<b>3</b>		<b>1</b>		<b>1</b>	<b>2</b>	<b>2</b>	

## TRAFFIC-COLLISION-ALCOHOL INCIDENCE

### PASSENGER

**TABLE 39C**

TYPE	TOTAL	NOT TESTED												TESTED						STAGES																			
		Total		Cleve.		County		Out Of County		Turn-pike		Total		Surv'd Too Long	Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
<b>PASSENGER:</b>																																							
Auto - Auto	16	6	10	2	3	2	4	2	3			1	1		1	1			5	9	2	7	3	2		2			1				1		1				
Auto - Fixed Object	17	11	6	9	3	2	3						1		1				11	5	4	2	7	3	1	1	1	2			2		2		1				
Auto - Motorcycle	3	1	2	1	2								1		1				1	1			1	1					1										
Auto - Truck	8	2	6		2	1	2	1	2										2	6	1	6	1													1			
Motorcycle - Fixed Object	1		1								1									1		1																	
Truck - Fixed Object	1		1				1																1																
<b>TOTAL</b>	<b>46</b>	<b>20</b>	<b>26</b>	<b>12</b>	<b>10</b>	<b>5</b>	<b>10</b>	<b>3</b>	<b>6</b>			<b>1</b>	<b>3</b>		<b>3</b>	<b>1</b>			<b>19</b>	<b>23</b>	<b>7</b>	<b>16</b>	<b>12</b>	<b>7</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>3</b>	<b>2</b>		<b>2</b>		<b>3</b>		<b>3</b>				

# VEHICULAR FATALITIES

## TRAFFIC-NON-COLLISION-ALCOHOL INCIDENCE

**TABLE 40**

TYPE	TOTAL	NOT TESTED																		TESTED						STAGES												
		Total		Cleve.		County		Out Of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total	Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Fall from moving vehicle Auto-Passenger	1	1		1																1				1														
Ran off roadway Auto-Passenger	1		1						1											1		1																
Motorcyclist-Cyclist	1	1				1														1		1																
Vehicle Overturned Auto-Driver	1	1				1														1																	1	
<b>TOTAL</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>2</b>				<b>1</b>											<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>											<b>1</b>		

# VEHICULAR FATALITIES WHILE AT WORK

## TRAFFIC AND NON-TRAFFIC-MONTHLY ALCOHOL INCIDENCE

**TABLE 41**

MONTH	TOTAL	NOT TESTED										TESTED						STAGES																					
		Total		Cleve.		County		Out Of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
MAY	1	1						1				1	1																										
JULY	1	1				1														1	1																		
AUGUST	1	1		1																1	1																		
OCTOBER	1	1				1														1	1																		
<b>TOTAL</b>	<b>4</b>	<b>4</b>		<b>1</b>		<b>2</b>						<b>1</b>	<b>1</b>							<b>3</b>	<b>3</b>																		

# VEHICULAR FATALITIES

## WEATHER CONDITIONS-ALCOHOL INCIDENCE

**TABLE 42**

WEATHER	TOTAL	NOT TESTED										TESTED						STAGES																					
		Total		Cleve.		County		Out Of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
CLEAR	177	123	54	64	24	41	21	16	9	2		23	10	13	6	10	4		100	44	54	28	46	16	3	4	4	3	7	1	12	3	10	1	6	4	4		
CLOUDY	5	4	1			4	1					1				1			3	1	2		1	1											1	1			
FOG	1	1		1															1				1							1									
RAIN	26	16	10	11		4	8	1	2			4	3	4	3				12	7	5	4	7	3	1	1		2		1	1	1			1	2			
SNOW	3	1	2	1			1		1										1	2		2	1												1				
UNKNOWN	4	3	1			3			1				1		1				3		3																		
<b>TOTAL</b>	<b>216</b>	<b>148</b>	<b>68</b>	<b>77</b>	<b>24</b>	<b>52</b>	<b>31</b>	<b>17</b>	<b>13</b>	<b>2</b>		<b>28</b>	<b>14</b>	<b>17</b>	<b>10</b>	<b>11</b>	<b>4</b>		<b>120</b>	<b>54</b>	<b>64</b>	<b>34</b>	<b>56</b>	<b>20</b>	<b>3</b>	<b>5</b>	<b>5</b>	<b>3</b>	<b>9</b>	<b>1</b>	<b>14</b>	<b>4</b>	<b>11</b>	<b>1</b>	<b>8</b>	<b>6</b>	<b>6</b>		

# VEHICULAR FATALITIES

## ROAD CONDITIONS-ALCOHOL INCIDENCE

**TABLE 43**

ROAD	TOTAL	NOT TESTED										TESTED						STAGES																						
		Total		Cleve.		County		Out Of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
DRY	158	114	44	59	20	39	17	14	7	2		20	9	10	6	10	3			94	35	51	22	43	13	3	3	4	2	7	1	12	2	10	1	5	4	2		
SNOW	14	8	6	3	2	5	4					3	1	2		1	1			5	5	3	3	2	2								1			1	1	1		
WET	38	22	16	14	1	5	10	3	5			5	3	5	3					17	13	7	9	10	4		1	1	1	2			1	1	1		2	1	3	
UNKNOWN	6	4	2	1	1	3			1				1		1					4	1	3		1	1		1					1								
<b>TOTAL</b>	<b>216</b>	<b>148</b>	<b>68</b>	<b>77</b>	<b>24</b>	<b>52</b>	<b>31</b>	<b>17</b>	<b>13</b>	<b>2</b>		<b>28</b>	<b>14</b>	<b>17</b>	<b>10</b>	<b>11</b>	<b>4</b>		<b>120</b>	<b>54</b>	<b>64</b>	<b>34</b>	<b>56</b>	<b>20</b>	<b>3</b>	<b>5</b>	<b>5</b>	<b>3</b>	<b>9</b>	<b>1</b>	<b>14</b>	<b>4</b>	<b>11</b>	<b>1</b>	<b>8</b>	<b>6</b>	<b>6</b>			

## LIGHT CONDITIONS-ALCOHOL INCIDENCE

**TABLE 44**

LIGHT	TOTAL	NOT TESTED										TESTED						STAGES																						
		Total		Cleve.		County		Out Of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
DAY	78	51	27	26	7	20	13	4	7	1		17	7	9	3	8	4			34	20	27	17	7	3		2			1		2	1	2					2	
DUSK	2	2		1				1				1			1					1			1				1													
NIGHT WITH STREET LIGHTS	97	66	31	41	14	22	15	2	2	1		7	6	5	6	2			59	25	20	10	39	15	2	3	3	2	6	1	11	3	7		7	6	3			
NIGHT WITHOUT STREET LIGHTS	35	26	9	9	3	7	3	10	3			3		3						23	9	14	7	9	2	1		1	1	2		1		2	1	1			1	
UNKNOWN	4	3	1			3			1				1		1					3		3																		
<b>TOTAL</b>	<b>216</b>	<b>148</b>	<b>68</b>	<b>77</b>	<b>24</b>	<b>52</b>	<b>31</b>	<b>17</b>	<b>13</b>	<b>2</b>		<b>28</b>	<b>14</b>	<b>17</b>	<b>10</b>	<b>11</b>	<b>4</b>		<b>120</b>	<b>54</b>	<b>64</b>	<b>34</b>	<b>56</b>	<b>20</b>	<b>3</b>	<b>5</b>	<b>5</b>	<b>3</b>	<b>9</b>	<b>1</b>	<b>14</b>	<b>4</b>	<b>11</b>	<b>1</b>	<b>8</b>	<b>6</b>	<b>6</b>			

# VEHICULAR FATALITIES

## CLASSIFICATION OF VICTIMS-AGE GROUPS

**TABLE 45**

CLASSIFICATION	Under 1 year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
	BICYCLIST			1				3	3					1																									5	3
DRIVER									9		10	6	7	4	3	1	2	3	4		5	3	4	4	9	1	2		2		1	1	1	2	2		61	25	86	
CYCLIST DRIVER					1			4		3		7		1		1		1										1										19		19
PASSENGER	1						1	7	12	6	1	4	1		4						1		1		1	1					1				1	20	24	44		
PEDESTRIAN			4	1	4	1	2	3	1	2		7		5	1	1				1		1	1	5	2	1	1	1	3	3	1			2	1	42	13	55		
CYCLIST PASSENGER										1	3																										1	3	4	
TOTAL	1		5	1	5	1	6	3	23	13	22	10	26	5	9	6	4	3	5		6	4	5	6	14	4	4	1	3	4	5	2	1	3	4	2	148	68	216	

## MONTH AND AGE GROUPS

**TABLE 46**

MONTH	Under 1 year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
	JANUARY					1		2		1	1	1	3	1		1								1	1											1		10	4	14
FEBRUARY							1		1	1			1							1	1			1			1	1									4	5	9	
MARCH								3	2		1		1	1	2									2		2				1								10	5	15
APRIL			1				3	1	2	1	3	1	2	1		1	1		1			1		3				1				1					14	9	23	
MAY			1				2		1	1	1		2		1	2									1				1									10	3	13
JUNE			1		1		1	6		4		1	1			1					2		1		1												18	2	20	
JULY	1		1	1	2		1		3		2	2	3	1	1	1	1				1	1		1	2	1			3	1	1		1			23	9	32		
AUGUST			1		1		1	2	2	3		1	1					1			2	2		2				1				1					14	7	21	
SEPTEMBER						1		4		2	2	8					1							3	2									1			18	6	24	
OCTOBER							2	2	1	2		1							1					1			1							1			7	5	12	
NOVEMBER						1	3	1	1	1	3		1	1				1					1	2		1	1		1	1						13	7	20		
DECEMBER							1	1		1		1			1	2									1		2				1	1	1				7	6	13	
TOTAL	1		5	1	5	1	6	3	23	13	22	10	26	5	9	6	4	3	5		6	4	5	6	14	4	4	1	3	4	5	2	1	3	4	2	148	68	216	

# 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	M	F			
	JANUARY					1		2		1	1		3	1		1								1		2											1		10	4	14
FEBRUARY							1		1	2			1							1				1			1											4	4	8	
MARCH									2	2					1	1	2								2		2		1			1							10	4	14
APRIL								3	2	2	1	4		2	1		1			1				3				1					1					13	9	22	
MAY						2		1	1	1		2	1	2	2										1					1								10	4	14	
JUNE			1		1			1	5		3			1			1	2		2			1	1														17	2	19	
JULY	1		1	1	1		1		3		2	2	4	1	1						1		1	2						1	1	1		1			19	7	26		
AUGUST			1				1	1	2	4		1	1		1	1		1		1	1	2		3	1				3			1				18	8	26			
SEPTEMBER					1	1			4		3	1	6								1			3	1									1			18	4	22		
OCTOBER								1	2	2	2	4		1			1			1					1			1										9	7	16	
NOVEMBER						2		3	1	1	1	3		1	1			1					1	2	1	1	1		1						1		14	8	22		
DECEMBER								1	1			1		1			1	2							1		1	2				1	1	1			8	6	14		
TOTAL	1		3	1	4	1	7	3	22	13	23	10	26	5	10	6	4	3	6		6	3	5	6	16	4	4	1	3	4	5	2	1	3	4	2	150	67	217		













# VEHICULAR FATALITIES

## MAJOR INJURY AND SURVIVAL INTERVAL-AGE GROUPS

### BICYCLISTS

**TABLE 53**

AGE	BRAIN					CHEST					MULTIPLE INJURIES					TOTAL								
	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE
1 - 4	1		1															1			1			
10 - 14	3		3				1	1					2	1				1	6	2	3			1
25 - 29	1				1													1					1	
TOTAL	5		4		1		1	1					2	1				1	8	2	4		1	1



# VEHICULAR FATALITIES

## GEOGRAPHICAL LOCATION-TYPE OF ACCIDENT

### CLASSIFICATION OF VICTIMS

**TABLE 54 cont.**

CITIES	AUTO						BUS		TRUCK					MOTORCYCLE				NON-COLLISION		TOTAL				GRAND TOTAL														
	AUTO		BICYCLE		BUS		FIXED OBJECT		MOTORCYCLE		PEDESTRIAN		TRUCK		PEDESTRIAN		BICYCLE		FIXED OBJECT		MOTORCYCLE		PEDESTRIAN		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			
Middleburg Heights Pedestrian																																		1				1
North Royalton Bicyclist				1																																	1	
Driver																																						2
Olmsted Falls Driver																																						1
Parma Driver																																						1
Motorcyclist																																						1
Passenger																																						1
Pedestrian																																						1
Richmond Heights Driver																																						1
Pedestrian																																						1
Rocky River Driver																																						1
Motorcyclist																																						1
Passenger																																						1
Seven Hills Bicyclist																																						1
Shaker Heights Driver																																						1
Solon Driver																																						1
Pedestrian																																						1
South Euclid Driver																																						2
Passenger																																						1
Strongsville Driver																																						1
Motorcyclist																																						1
Passenger																																						1
Warrensville Heights Driver																																						1
Pedestrian																																						1
Westlake Driver																																						1
Pedestrian																																						1
<b>TOTAL</b>	<b>28</b>	<b>19</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>27</b>	<b>11</b>	<b>8</b>	<b>2</b>	<b>29</b>	<b>7</b>	<b>9</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>5</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>70</b>	<b>19</b>	<b>17</b>	<b>18</b>	<b>34</b>	<b>12</b>	<b>3</b>	<b>2</b>	<b>175</b>	



# VEHICULAR FATALITIES

## GEOGRAPHICAL LOCATION-TYPE OF ACCIDENT

### CLASSIFICATION OF VICTIMS

**TABLE 55**

VILLAGES AND TOWNSHIPS	AUTO				TRUCK				MOTOR HOME		TOTAL						GRAND TOTAL		
	AUTO		FIXED OBJECT		TRUCK		PEDESTRIAN		TRUCK		PEDESTRIAN		DRIVER		PASSENGER			PEDESTRIAN	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F
<b><u>VILLAGES:</u></b>																			
Cuyahoga Heights																			
Driver	1					1							1	1					2
Passenger		1														1			1
Moreland Hills																1			1
Passenger				1												1			1
Valley View																			
Driver									1				1						1
Passenger				1											1				1
Pedestrian							1										1		1
<b><u>TOWNSHIP:</u></b>																			
Olmsted																			
Driver	1			1									1	1					2
<b><u>TURNPIKE:</u></b>																			
Driver			1										1						1
Pedestrian												1						1	1
<b>TOTAL</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>		<b>1</b>	<b>1</b>		<b>1</b>		<b>1</b>		<b>4</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>		<b>11</b>

# VEHICULAR FATALITIES

## HOURLY-DAILY-ALCOHOL INCIDENCE

### ALL CASES

**TABLE 56**

OUT OF COUNTY	AUTO														MTC.		TRUCK						NON-COLLISION				TOTAL								GRAND TOTAL	
	AMISH BUGGY		AUTO		BICYCLE		FIXED OBJECT		MOTORCYCLE		PEDESTRIAN		TRUCK		FIXED OBJECT		BICYCLE		PEDESTRIAN		SNOWMOBILE		AUTO		TRUCK		BICYCLIST		DRIVER		PASSENGER		PEDESTRIAN			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
BICYCLIST						1											1									1	1									2
DRIVER	1			1	2					2												1							4	4						8
MOTORCYCLIST									1						3														4						4	
PASSENGER ON MOTORCYCLE																1																1			1	
PASSENGER				2	3								1	2										1							3	6			9	
PEDESTRIAN											3									2	1											5	1	6		
TOTAL	1			3	5		1		2	1		3		1	2	3	1	1		2	1	1			1	1		1	1	8	4	3	7	5	1	30

# VEHICULAR FATALITIES

## HOURLY-DAILY-ALCOHOL INCIDENCE

### ALL CASES

**TABLE 57**

HOURS OF DAY	SUNDAY						MONDAY						TUESDAY						WEDNESDAY						THURSDAY						FRIDAY						SATURDAY						TOTALS						GRAND TOTAL
	TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE		TOTAL		TESTED		POSITIVE														
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F													
12 AM	2		2		1										1	1	1	4	1	4	1	3	1	2	2	1	2	2			11	1	11	1	6	1	12												
1 AM	4	3	3	3	1	2	1	1	1	2	1	2			1	1	1	1	1	1	2		1	1			4	2	4	2	4	15	7	13	6	7	3	22											
2 AM	3	1	3	1	2		2	2	2	2	2	1		4	4	3	1	1	1	3	1	3		2	1	1	1	1	1	1	16	3	16	2	12	1	19												
3 AM	1		1				2	2					2	2	1	2	1	1	1	1	1	1		1	1			8	7	6	17	4	15	3	10	1	21												
4 AM	1		1																													3	1	3	1	1	1	7											
5 AM	1		1		1								1	1	1																	1	1	1	5	1	5	1	6										
6 AM													1	1	1																	1	1	1	5	1	5	1	6										
7 AM																				1												1	1		1	1		2											
8 AM	1		1		1								2	1	2				1	1												3	3	3	2	1		6											
9 AM							1	1																		1	1						2	1	1	1		3											
10 AM													1							2	2											1	1		4	1	3	1	5										
11 AM							2	2					2	2																			4	1	4	1		5											
TOTAL AM	13	4	12	4	6	2	7	1	7	1	3	13	4	11	2	4	1	8	3	7	3	6	2	11	2	9	2	5	2	14	6	14	4	7	1	18	5	17	5	13	1	84	25	77	21	44	9	109	
12 PM												1	1	1										1	1	1	1						1	1		3	2	2	2	1	1		5						
1 PM	1	1	1	1			1	1	1	1		1	1															2	2					1			3	5	3	4			8						
2 PM	1	1	1	1																													1	1	1	1	2	1	2		1		3						
3 PM	2																																											5					
4 PM		1					1	1		1																																		7					
5 PM							3	1				2	2	1	2	1	1																												10				
6 PM							2	1																																					11				
7 PM	1	1	1	1			1					2	2	1	3	1	1							1	1	1	1	1	2	2														14					
8 PM	1	1					1	1	1	1		1	1	1	1	1								1	1			3	2																13				
9 PM							1	1																																					9				
10 PM	3		2		1		1	1																																					7				
11 PM		1		1		1																																							15				
TOTAL PM	9	6	5	4	1	1	11	2	6	2	1	9	2	9	2	4																													107				
GRAND TOTAL	22	10	17	8	7	3	18	3	13	3	4	22	6	20	4	8	1	18	7	13	6	8	5	17	8	13	5	5	4	26	13	22	10	10	1	25	21	22	18	14	6	148	68	120	54	56	20	216	



# VEHICULAR FATALITIES

## HOURLY-DAILY-ALCOHOL INCIDENCE

### DRIVER

**TABLE 59**

HOURS OF DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS			GRAND TOTAL																					
	TOTAL	TESTED	POSITIVE	TOTAL	TESTED	POSITIVE	TOTAL	TESTED	POSITIVE	TOTAL	TESTED	POSITIVE	TOTAL	TESTED	POSITIVE	TOTAL	TESTED	POSITIVE	TOTAL	TESTED	POSITIVE	TOTAL	TESTED	POSITIVE																						
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F																			
12 AM														2	2	2	1	1	1				3	3	3	3																				
1 AM	1	1	1	1		1							1	1	1	2	1			2	1	2	1	2	6	3	5	3	2	2	9															
2 AM	2		2		1		1		1		1	2	2	2				2	1	2	1				7	1	7		5		8															
3 AM														1	1	1	1	2	1	1	1	4	4	3	6	3	6	2	5	1	9															
4 AM																	3	1	3	1	1	1	1	1	1	4	2	4	2	2	1	6														
5 AM														1	1	1					1	1	1		1	1	1	1	1	1	1	2														
6 AM																																														
7 AM																																														
8 AM	1		1		1					2	2						1	1							3	1	3	1	1			4														
9 AM										1											1	1			2		1					2														
10 AM														1	1						1	1			1	1	1	1				2														
11 AM							2	2		1	1			1	1	1									3	1	3	1		1		4														
<b>TOTAL AM</b>	4	1	4	1	2	1	3	3	1	4	1	3	1	1	2	2	2	2	2	2	2	6	1	5	1	3	1	8	5	8	3	4	1	9	3	9	3	7	36	13	34	11	19	6	49	
12 PM										1	1	1				1	1								2		2		1				2													
1 PM	1	1	1	1			1	1									1	1						2	2	2	2						4													
2 PM	1	1	1	1																	1	1	1	1	2	1	2			1			3													
3 PM																1	1				1	1		1	1	1	1	1					2													
4 PM												1	1				1	1						2		2							2													
5 PM							1	1		1	1	1		1						1				3	1	2		1					4													
6 PM							2	1									1	1			1			2	2	1	1						4													
7 PM							1			1	1			1	1	1			1	1	1	1	1	1	5		4		3			5														
8 PM	1	1																		1				2	1								3													
9 PM															1	1	1							1		1					1	1		1												
10 PM	1		1									1	1	1							1	1		3		3		1				3														
11 PM										1	1	1		1	1	1			1			1	1	1	2	2	1	2	1	2			4													
<b>TOTAL PM</b>	4	3	3	2			5	3		4	4	3		3	2	3	1	2	1	1	1	1	1	4	2	3	2	1	4	4	2	3	1	2	25	12	19	9	7	4	37					
<b>GRAND TOTAL</b>	8	4	7	3	2	1	8	6	1	8	1	7	1	3	1	5	4	5	3	4	3	7	2	6	2	3	2	12	7	11	5	5	1	13	7	11	6	8	2	61	25	53	20	26	10	86

# VEHICULAR FATALITIES

## HOURLY-DAILY-ALCOHOL INCIDENCE

### DRIVER-MOTORCYCLIST

**TABLE 59A**

HOURS OF DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS			GRAND TOTAL		
	TOTAL		TESTED	POSITIVE		TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED		POSITIVE	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F
12 AM	1		1																1	1			2	2			2
1 AM	1		1					1	1														2	2			2
2 AM							1	1	1	1	1												2	2	1		2
3 AM					1	1																	2	1			2
4 AM																											
5 AM							1	1	1							1	1	1					2	2	2		2
6 AM																											
7 AM														1									1				1
8 AM																											
9 AM																											
10 AM																											
11 AM																											
TOTAL AM	2		2		1	1		4	3	2	1	1		1			1	1	1	1	1		11	9	3		11
12 PM																											
1 PM							1	1															1	1			1
2 PM																											
3 PM																1	1						1	1			1
4 PM																											
5 PM					1																		1				1
6 PM																											
7 PM													1										1				1
8 PM							1	1															1	1			1
9 PM													1	1									1	1			1
10 PM	1		1		1	1																	2	2	1		2
11 PM																											
TOTAL PM	1		1		1	1		2	2				2	1			1	1					8	6	1		8
GRAND TOTAL	3		3		1	3		2	6	5	2	1	1		3	1		2	2	1	1	1	19	15	4		19

# VEHICULAR FATALITIES

## HOURLY-DAILY-ALCOHOL INCIDENCE

### PASSENGER

**TABLE 60**

HOURS OF DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS					GRAND TOTAL					
	TOTAL		TESTED	POSITIVE		TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE							
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
12 AM	1		1		1									1		1		1							2		2		2		2	
1 AM	2	2	1	2	1	1														2	1	2	1	2		4	4	3	3	3	1	8
2 AM		1		1			1		1		1							1	1	1	1	1	1	1	3	2	3	2	3	1	5	
3 AM										1		1			1		1				1	1	1		2	1	2	1	2		3	
4 AM	1		1																						1		1				1	
5 AM	1		1		1												1	1	1						2		2		2		2	
6 AM																																
7 AM																																
8 AM																																
9 AM									1		1															1		1			1	
10 AM																																
11 AM																																
TOTAL AM	5	3	4	3	3	1	1	1	1	1	1	1	1	1	1	1	2	2	2	4	2	4	2	4	1	14	8	13	7	12	2	22
12 PM																																
1 PM									1		1							1		1						2		2			2	
2 PM																																
3 PM																																
4 PM		1							1		1							1		1						1	2	1	1		3	
5 PM																																
6 PM															1						1		1	1		2		1		1	2	
7 PM	1	1	1	1														1		1					2	2	2	2			4	
8 PM							1		1		1									2		2	1	1	3	1	3	1	1	1	4	
9 PM							1		1					1		1	1	1			1		1		2	2	2	2		1	4	
10 PM																				1		1				1		1			1	
11 PM		1		1		1												2		2		1	2	1	2	1	1	5	1	5	2	6
TOTAL PM	1	3	1	2		1	2	2	2	2	1		1	1		1	1	1	1	1	1	1		2	7	19	7	17	1	5	26	
GRAND TOTAL	6	6	5	5	3	2	3	3	3	3	2		3	2		1	1	1	1	1	2	1	2	1	3	4	3	4	2	6	9	48





# VEHICULAR FATALITIES

## HOURLY AND DAILY INCIDENCE ARRANGED ACCORDING TO

### DRIVER, PASSENGER, PEDESTRIAN

**TABLE 62**

HOURS OF DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS			GRAND TOTAL																				
	DRIVER a	PASSENGER		PEDESTRIAN		DRIVER a,b	PASSENGER		PEDESTRIAN		DRIVER a,b	PASSENGER		PEDESTRIAN		DRIVER a	PASSENGER c		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																		
12 AM	1		1											1	2	1	1	1		1	1			1	5	2	4	1	12																
1 AM	2	1	2	2				1	1		1	1		1	2			1		2	1	2	1		8	3	4	4	3	22															
2 AM	2			1	1	1	1			1		3		1			1	2	1	1		1	1		9	1	3	2	4	19															
3 AM				1	1			1	1	1	1			1			1	2		1	4	1	3		8	3	2	1	7	21															
4 AM			1														3	1			1	1			4	2	1			7															
5 AM			1							1					1		1			1					3	1	2			6															
6 AM											1																	1		1															
7 AM														1						1									1	2															
8 AM	1									2		1				1									3	1			2	6															
9 AM								1		1										1					2		1			3															
10 AM													1	1		1			1		1				1	1		3		5															
11 AM						2				1		1		1											3	1		1		5															
TOTAL AM	6	1	5	3	2	4	1	1	2	8	1	2	5	1	3	2	1	4	1	7	1	1	3	1	9	5	2	3	1	10	3	4	2	4	47	13	14	8	23	4	109				
12 PM										1					1				1						1	2			1	2	5														
1 PM	1	1				1		1		1							1	1						1	3	2		2		1	8														
2 PM	1	1																		1					1	2					3														
3 PM					2												2				1				2	1			2		5														
4 PM			1					1	1			1					1	1						1	2		1	2	1	1	7														
5 PM						3				2			1		2					1				1	6	1			2	1	10														
6 PM						2								2		1	1	1		2		1	1		2	4		2	3		11														
7 PM			1	1		1				1		1	2		1	1			1	1		1	1		7		2	2	2	1	14														
8 PM	1	1						1		1		1						1	1		2	1		2	4	1	1	3	3	1	13														
9 PM								1																	1	2	2	2	1	1	9														
10 PM	3					1						1									1			6			1			7															
11 PM				1						1		1	1	1				1	1		2	1		2	2	1	5	4	1		15														
TOTAL PM	6	3	1	3	2	8	2	2	1	7		1	2	1	4	2	1	6	1	3	2	1	1	2	3	6	3	1	4	5	4	5	2	7	1	4	38	15	7	19	19	9	107		
GRAND TOTAL	12	4	6	6	4	12	3	3	3	15	1	3	7	2	7	4	1	1	10	2	10	3	2	1	5	4	15	8	3	4	8	1	14	8	6	9	5	4	85	28	21	27	42	13	216

a). Motorcyclist Driver.      b). Bicyclist Driver.      c). Motorcycle Passenger.

# VEHICULAR FATALITIES

HOURLY AND DAILY INCIDENCE ARRANGED ACCORDING TO

PRE-SCHOOL, SCHOOL, AND ADULT AGE GROUPS

**TABLE 63**

HOURS OF DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS			GRAND TOTAL																		
	PRE-SCHOOL		SCHOOL	ADULT		PRE-SCHOOL		SCHOOL	ADULT		PRE-SCHOOL		SCHOOL	ADULT		PRE-SCHOOL		SCHOOL	ADULT		PRE-SCHOOL		SCHOOL	ADULT																			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F																
12 AM			1		1									1			2	2	1					2			3		8	1	12												
1 AM	1		1	1	2	2				1			2	1			1	1			2		1	3	2	1	2	1	12	6	22												
2 AM			1	1	2			1	1			2			1			1	2	1			1	1			4	2	12	1	19												
3 AM					1			2			2	2		1			1			2	2			8					17	4	21												
4 AM			1																3	1			1	1		1		4	2	7													
5 AM					1						1					1			2				1	1				5	1	6													
6 AM											1																	1		1													
7 AM															1					1								1	1	2													
8 AM					1					1	2				1					1							1	3	2	6													
9 AM								1			1												1					2	1	3													
10 AM											1				2				1				1	1				3	1	5													
11 AM							2				2				1													4	1	5													
TOTAL AM	1		4	2	8	2		1	6	1		1	13	3	1	1	6	3		2	9	2		1	13	6		1	1	17	4	2	10	4	72	21	109						
12 PM											1						1	1			1						1		2	2	5												
1 PM					1	1		1	1			1								2			1					2	2	1	3	8											
2 PM					1	1																		1					1	2	3												
3 PM	1		1															1	1							1	1	2	1	1	5												
4 PM				1			1		1									1	1							1		2	1	2	2	7											
5 PM							1	2			1	1	1								1		1	1	1	1	1	2		5	1	10											
6 PM								2					1	1		1	1	1		1	1			1	1			2	3	3	3	11											
7 PM					1	1			1			2	1	1	1				1	1			2		1			2	1	8	2	14											
8 PM					1	1			1		1	1	1				1		1	2			1	2	1			1	6	5	13												
9 PM								1					1	1		2			1				1	1				2	2	2	3	9											
10 PM			1		2				1					1											1	1			1		5	1	7										
11 PM					1						2	1					1			1	1	1	1			1	2	2		1	2	6	6	15									
TOTAL PM	1		2	1	6	5		3	1	8	1		2	7	2	3	2	1	5	3		4	1	2	5		5	3	7	4	1	4	7	11	4	1	18	11	42	31	107		
GRAND TOTAL	2		6	3	14	7		4	1	14	2		2	1	20	5	4	3	1	11	6		6	1	11	7		6	3	20	10	1	1	5	24	15	6	1	28	15	114	52	216

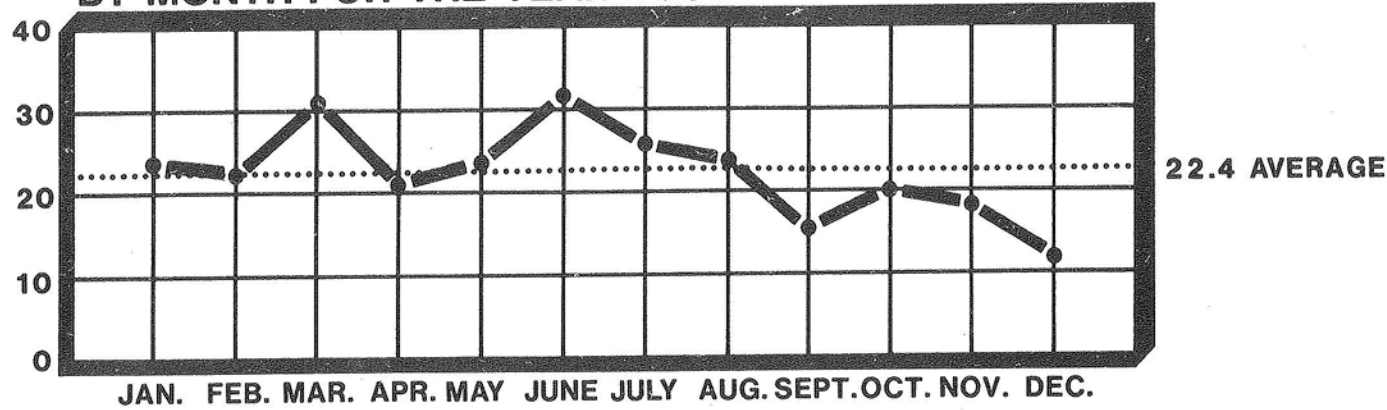
NOTE: PRE-SCHOOL - Under 5 years

SCHOOL - 5 to 18 years

ADULT - 19 years and older

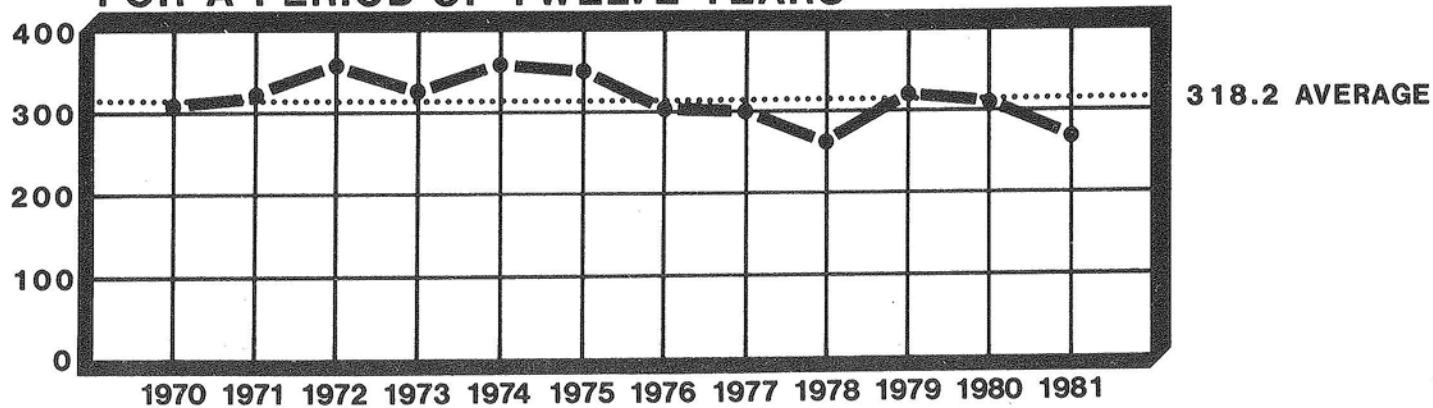
# HOMICIDES

BY MONTH FOR THE YEAR 1981



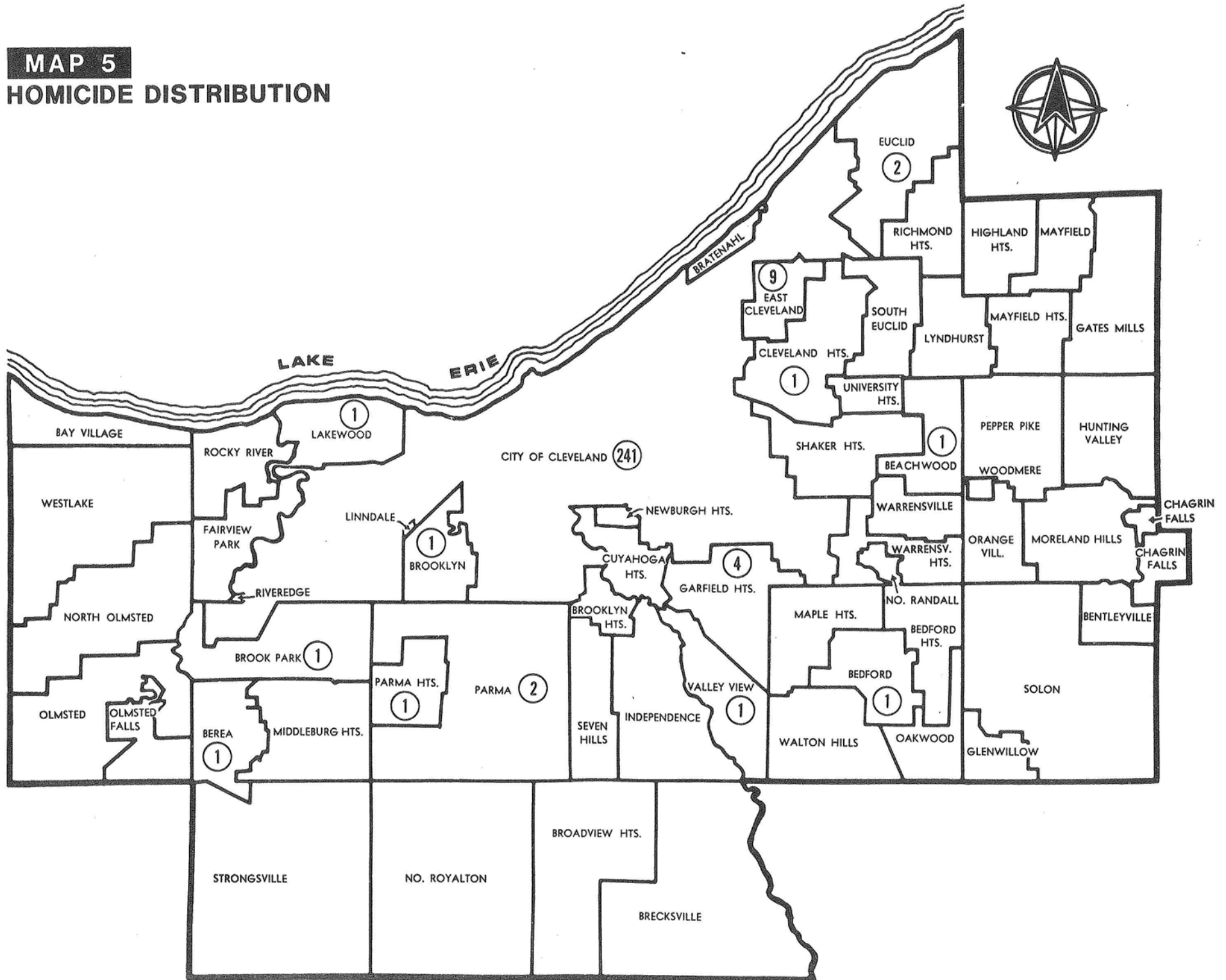
		NUMBER	PERCENT
SEX	MALE	219	81
	FEMALE	50	19
RACE	WHITE	95	35
	NON-WHITE	174	65
ALCOHOL	TESTED	234	87
	POSITIVE	141	60
AUTOPSY	AUTOPSIED	266	99

FOR A PERIOD OF TWELVE YEARS



1981 TOTAL CASES 269
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# MAP 5 HOMICIDE DISTRIBUTION



# HOMICIDES

## MONTHLY ALCOHOL INCIDENCE

TABLE 64

MONTH	TOTAL	NOT TESTED																TESTED						STAGES														
		Total		Cleve.		County		Out Of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
JANUARY	24	18	6	16	3	2	2		1	3	1	2		1	1		15	5	2	3	13	2	5	1	1		2		1		4	1						
FEBRUARY	22	19	3	17	3	2				5	1	3	1		2		14	2	7		7	2	1	1	1			4			1	1						
MARCH	31	27	4	25	3	2	1			1	1			1	1		26	3	11	1	15	2	2		4		3	1	1	1	1				4			
APRIL	21	17	4	17	4						1				1		17	3	7	2	10	1	5			2				2				1	1			
MAY	24	21	3	18	3	3				2		1			1		19	3	6	1	13	2	4	2	4		2		1		1				1			
JUNE	32	22	10	20	10	1		1		1	2		2	1			21	8	9	2	12	6	3	2	1		1	2	3	1			3	1	1			
JULY	26	21	5	20	4	1	1			6		5			1		15	5	5	3	10	2	4	1	2				1		2			1	1			
AUGUST	23	20	3	20	3					5	1	4	1		1		15	2	8	2	7		1		4								1		1			
SEPTEMBER	16	12	4	11	3	1	1										12	4	6		6	4	1	1	1	1		1	3			1	1					
OCTOBER	20	17	3	16	2	1	1			2	1		1	1		1	15	2	7	1	8	1	2		2		1				1			1	2			
NOVEMBER	18	16	2	11	2	5											16	2	5	1	11	1	4					4	1	2		1						
DECEMBER	12	9	3	9	1		2			2		2					7	3	3	1	4	2				1		1		2			1			1		
<b>TOTAL</b>	<b>269</b>	<b>219</b>	<b>50</b>	<b>200</b>	<b>41</b>	<b>18</b>	<b>8</b>	<b>1</b>	<b>1</b>	<b>27</b>	<b>8</b>	<b>17</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>7</b>	<b>1</b>	<b>192</b>	<b>42</b>	<b>76</b>	<b>17</b>	<b>116</b>	<b>25</b>	<b>32</b>	<b>8</b>	<b>20</b>	<b>1</b>	<b>12</b>	<b>4</b>	<b>19</b>	<b>3</b>	<b>15</b>	<b>3</b>	<b>7</b>	<b>4</b>	<b>11</b>	<b>2</b>	

## HOMICIDES

## AGE-RACE-ALCOHOL INCIDENCE

TABLE 65

AGE	RACE	TOTAL	NOT TESTED										TESTED						STAGES													
			Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over			
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 year	White																															
	Non-White	2	2		2					2																						
1 - 4	White	2	1	1	1	1			1	1																						
	Non-White	1		1		1					1																					
5 - 9	White	1		1		1				1																						
	Non-White																															
10 - 14	White	3	1	2								1	2	1	1		1															
	Non-White																															
15 - 19	White	2	2									2		1		1						1										
	Non-White	11	9	2								9	2	7	2	2		2														
20 - 24	White	11	10	1	2			1			1	8	1	2	1	6		2		2												
	Non-White	32	24	8	1	1	1	1				23	7	9	3	14	4	4		4		1	3	3			1		1	1		
25 - 29	White	9	7	2	1			1				6	2	2		4	2	1	1	1		1			1	1						
	Non-White	26	25	1	7			5			2	18	1	6		12	1	5		1			3	1		1	1	1	1			
30 - 34	White	12	10	2		1					1	10	1	4		6	1		1			3				1	2					
	Non-White	26	20	6		1		1				20	5	6	2	14	3	3	1	1	1	3		1	1	4		1		1		
35 - 39	White	10	7	3		1		1				7	2	4	1	3	1		1			1		1		1				1		
	Non-White	16	13	3	1	1	1	1	1			12	2	3		9	2	5	1	3									1	1		
40 - 44	White	10	8	2								8	2	5	2	3			1					1		1						
	Non-White	12	10	2	2		1			1		8	2	3	1	5	1	3		1				1			1					
45 - 49	White	10	9	1	1					1		8	1	3		5	1		1			2	1	2								
	Non-White	8	7	1								7	1		7	1	1		2			3			1					1		
50 - 54	White	6	5	1								5	1	3	1	2		1												1		
	Non-White	10	8	2	2		2					6	2	3		3	2		1			2	1				1					
55 - 59	White	10	8	2	2		2					6	2			6	2	2	1	1		1		1	1					1		
	Non-White	10	9	1	1	1	1					8	1	5		3	1	2		1						1						
60 - 64	White	5	5		2		1			1		3		3																		
	Non-White	11	10	1								10	1	3	1	7				1		1		3		2						
65 - 69	White	1	1									1		1																		
	Non-White	7	6	1	1		1					5	1	1		4	1	1		1				1			1	1				
70 - 74	White																															
	Non-White	1	1									1		1																		
75 - 79	White	2		2								2		2																		
	Non-White	1		1								1						1														
80-over	White	1	1		1					1																						
	Non-White																															
TOTAL	White	95	75	20	10	4	5	2	1	1	4	1	65	16	29	8	36	8	6	4	7		4		8	2	5	1	1	1	5	
	Non-White	174	144	30	17	4	12	3	2	1	3		127	26	47	9	80	17	26	4	13	1	8	4	11	1	10	2	6	3	6	2
GRAND TOTAL		269	219	50	27	8	17	5	3	2	7	1	192	42	76	17	116	25	32	8	20	1	12	4	19	3	15	3	7	4	11	2

# HOMICIDES

## MODE-ALCOHOL INCIDENCE

**TABLE 66**

MODE	TOTAL	NOT TESTED																		TESTED						STAGES											
		Total		Cleve.		County		Out Of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
ARSON	4	1	3	1	3						1		1					1	2		2	1															
ASSAULT	25	14	11	11	6	2	4	1	1	7	4	3	2	2	2	2		7	7	3	3	4	4		2									2		2	2
CUTTING AND STABBING	21	17	4	16	4	1												17	4	3	1	14	3	5	1	3	1	1		1		2				1	2
EXPOSURE	1	1		1						1				1																							
SHOOTING	208	183	25	169	22	14	3			19	3	14	2			5	1	164	22	69	8	95	14	27	4	17		9	2	17	2	13	3	5	3	7	
SMOTHERING	1		1		1														1								1										
STRANGULATION	7	1	6		5	1	1											1	6		3	1	3		1		1	1		1							
STRESS	2	2		2														2		1		1					1										
<b>TOTAL</b>	<b>269</b>	<b>219</b>	<b>50</b>	<b>200</b>	<b>41</b>	<b>18</b>	<b>8</b>	<b>1</b>	<b>1</b>	<b>27</b>	<b>8</b>	<b>17</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>7</b>	<b>1</b>	<b>192</b>	<b>42</b>	<b>76</b>	<b>17</b>	<b>116</b>	<b>25</b>	<b>32</b>	<b>8</b>	<b>20</b>	<b>1</b>	<b>12</b>	<b>4</b>	<b>19</b>	<b>3</b>	<b>15</b>	<b>3</b>	<b>7</b>	<b>4</b>	<b>11</b>	<b>2</b>

## 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	3	4	
ASSAULT	1		1	2		1		1	1		1			1	1	1	1		3		2	1	1		1						3	1				14	11	25		
CUTTING AND STABBING							1			3	1	3	1	2	1	2		1	1	2		1		1													17	4	21	
EXPOSURE	1																																				1		1	
SHOOTING						1	1	9	2	31	5	29	2	27	3	17	3	16	2	10	2	10	1	14	3	13		5	1	1						183	25	208		
SMOTHERING																							1															1		1
STRANGULATION											1			1	3		1		1																		1	6	7	
STRESS																								1		1											2		2	
<b>TOTAL</b>	<b>2</b>		<b>1</b>	<b>2</b>		<b>1</b>	<b>1</b>	<b>2</b>	<b>11</b>	<b>2</b>	<b>34</b>	<b>9</b>	<b>32</b>	<b>3</b>	<b>30</b>	<b>8</b>	<b>20</b>	<b>6</b>	<b>13</b>	<b>4</b>	<b>16</b>	<b>2</b>	<b>13</b>	<b>3</b>	<b>17</b>	<b>3</b>	<b>15</b>	<b>1</b>	<b>7</b>	<b>1</b>	<b>1</b>		<b>3</b>	<b>1</b>	<b>219</b>	<b>50</b>	<b>269</b>			





# HOMICIDES (NON-JUSTIFIABLE)

## PLACE OF OCCURRENCE-CIRCUMSTANCES-ASSAILANTS

### VICTIMS-ALCOHOL INCIDENCE

**TABLE 69**

ASSAILANTS	TOTAL	NOT TESTED																TESTED						STAGES															
		Total		Cleve.		County		Out Of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
<b>HOME CIRCUMSTANCES:</b>																																							
During or Following an Argument																																							
Acquaintance	34	26	8	25	6	1	2			2		2						24	8	8	1	16	7	1	3	3	1	4			5		1	1	2	2			
Relative																																							
Brother	2	2		2						1		1						1							1														
Sister	1	1		1														1							1														
Spouse	3	3		1		2												3	2		1										1								
Stepson	1	1		1						1		1																											
During or Following the Commission or Attempted Commission of a Felony																																							
Strangers	11	10	1	7	1	3				3	1			2				7	1	2		5	1	2	1	1			1	1									
Unknown Circumstances																																							
Acquaintance	13	9	4	9	4					2	1	1	1		1			7	3	3	2	4	1	1		1		1	1				1						
Unknown	21	16	5	14	4	1	1	1		2	2	1	1	1	1			14	3	7	3	7		3		1		2									1		
Other																																							
Acquaintance	21	16	5	14	5	2				1	1	1	1					15	4	7	3	8	1	3	1	1			3								1		
Relative																																							
Daughter	1	1		1														1		1																			
Mother	1		1			1				1				1																									
Sister	1	1		1														1		1																			
Son	2	1	1	1	1													1	1	1	1																		
Spouse	6	1	5	1	1	3		1										1	5	1	2		3	1							1		1						
Stepfather	1		1		1							1		1																									
<b>TOTAL</b>	<b>119</b>	<b>88</b>	<b>31</b>	<b>78</b>	<b>23</b>	<b>9</b>	<b>7</b>	<b>1</b>	<b>1</b>	<b>12</b>	<b>6</b>	<b>8</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>		<b>76</b>	<b>25</b>	<b>33</b>	<b>12</b>	<b>43</b>	<b>13</b>	<b>10</b>	<b>6</b>	<b>9</b>	<b>1</b>	<b>7</b>	<b>1</b>	<b>4</b>		<b>8</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>2</b>		

# HOMICIDES (NON-JUSTIFIABLE)

## PLACE OF OCCURRENCE-CIRCUMSTANCES-ASSAILANTS

### VICTIMS-ALCOHOL INCIDENCE

**TABLE 69A**

ASSAILANT	TOTAL	NOT TESTED																		TESTED						STAGES														
		Total		Cleve.		County		Out Of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over				
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
<b>PUBLIC CIRCUMSTANCES:</b>																																								
During or following an argument																																								
Acquaintance		34	32	2	31	2	1			2	1	2				1			30	1	8		22	1	6		6		1		3	1			4		2			
Relative																																								
Spouse		1	1		1														1																	1				
Stranger		4	4		3		1				2		1			1			2		1		1																	
During or following the commission or attempted commission of a felony																																								
Stranger		17	14	3	13	2	1	1		2	1	1	1			1			12	2	8	1	4	1	2		1										1			
Unknown		3	3		3														3		3																			
Unknown circumstances																																								
Acquaintance		8	7	1	7	1													7	1	3		4	1	2													1	2	
Relative																																								
Spouse		1	1		1														1																			1		
Stranger		8	7	1	7	1													7	1	1		6	1	1	1	1										1		1	1
Unknown		53	44	9	41	9	3			6		5			1				38	9	11	3	27	6	9	1	3		2	2	5	2	3	1	1				4	
Other circumstances																																								
Acquaintance		3	3		3					1					1				2		1		1		1															
Relation																																								
Mother		1	1		1					1				1																										
Spouse		1	1		1														1				1		1															
Stranger		3	2	1	2	1				1			1						1	1	1	1																		
<b>TOTAL</b>		<b>137</b>	<b>120</b>	<b>17</b>	<b>114</b>	<b>16</b>	<b>6</b>	<b>1</b>		<b>15</b>	<b>2</b>	<b>9</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>1</b>		<b>105</b>	<b>15</b>	<b>37</b>	<b>5</b>	<b>68</b>	<b>10</b>	<b>22</b>	<b>2</b>	<b>11</b>		<b>4</b>	<b>3</b>	<b>12</b>	<b>3</b>	<b>6</b>	<b>1</b>	<b>6</b>	<b>1</b>	<b>7</b>				

# HOMICIDES IN COUNTY OF CUYAHOGA 1951-1981

(Includes culpable and justifiable homicides)

**TABLE 69B**

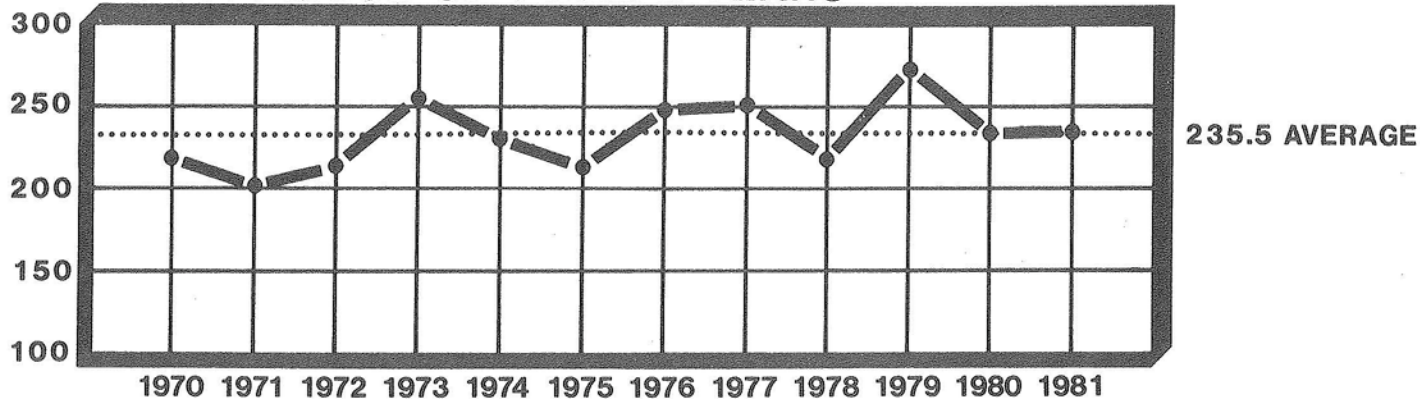
YEAR	TOTAL HOMICIDES	FIREARMS	FIREARM PERCENTAGE OF TOTAL	BLUNT VIOLENCE (MANUAL, PEDAL AND INSTRUMENTAL ASSAULT)	EDGED AND POINTED WEAPONS	STRANGULATION (MANUAL AND LIGATURE)	ALL OTHERS*
1951	91	48	52.75	14	24	3	2
1952	106	67	63.21	9	26	1	3
1953	98	68	69.39	9	21		
1954	93	56	60.22	12	24		1
1955	82	46	56.10	8	22	3	3
1956	128	64	50.00	18	42	2	2
1957	96	52	54.17	14	21	4	5
1958	95	45	47.37	17	25	5	3
1959	94	45	47.87	18	27	4	
1960	102	63	61.76	12	21	6	
1961	100	61	61.00	8	27	3	1
1962	74	38	51.35	16	16	1	3
1963	114	62	54.39	19	26	4	3
1964	137	83	60.58	17	30	5	2
1965	129	86	66.67	17	21	3	2
1966	166	111	66.87	15	35	3	2
1967	185	117	63.24	15	34	5	14
1968	210	167	79.52	16	26	1	
1969	317	254	80.13	29	29	1	4
1970	310	242	78.06	23	34	6	5
1971	324	265	81.79	24	28	4	3
1972	363	287	79.06	33	23	16	4
1973	327	271	82.87	24	20	10	2
1974	362	301	83.14	19	28	11	3
1975	351	274	78.06	29	30	7	11
1976	305	238	78.03	23	29	8	7
1977	300	233	77.67	27	31	6	3
1978	268	211	78.73	17	26	12	2
1979	325	236	72.62	32	37	5	15
1980	314	233	74.20	32	29	6	14
1981	269	208	77.32	25	21	8	7

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



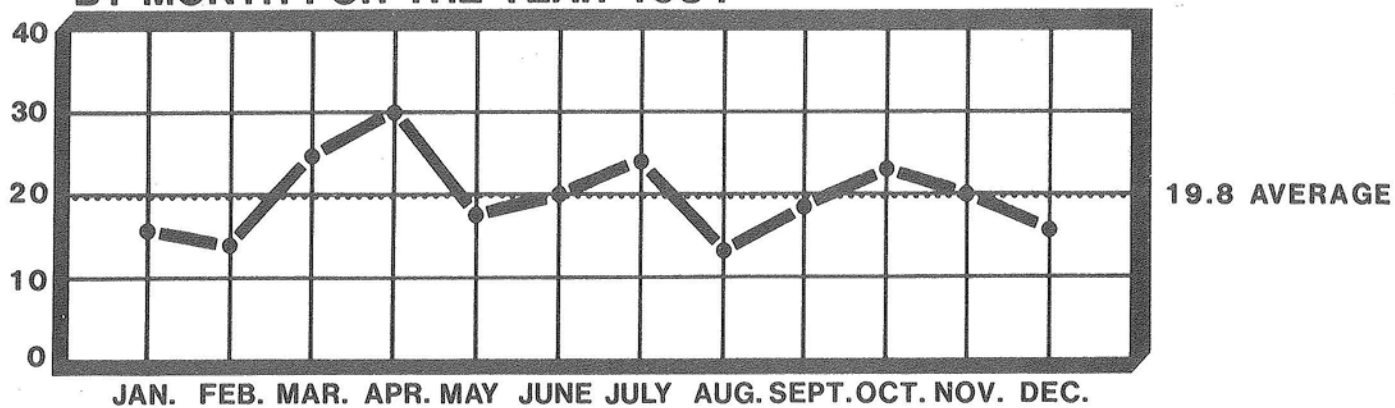
# SUICIDES

FOR A PERIOD OF TWELVE YEARS



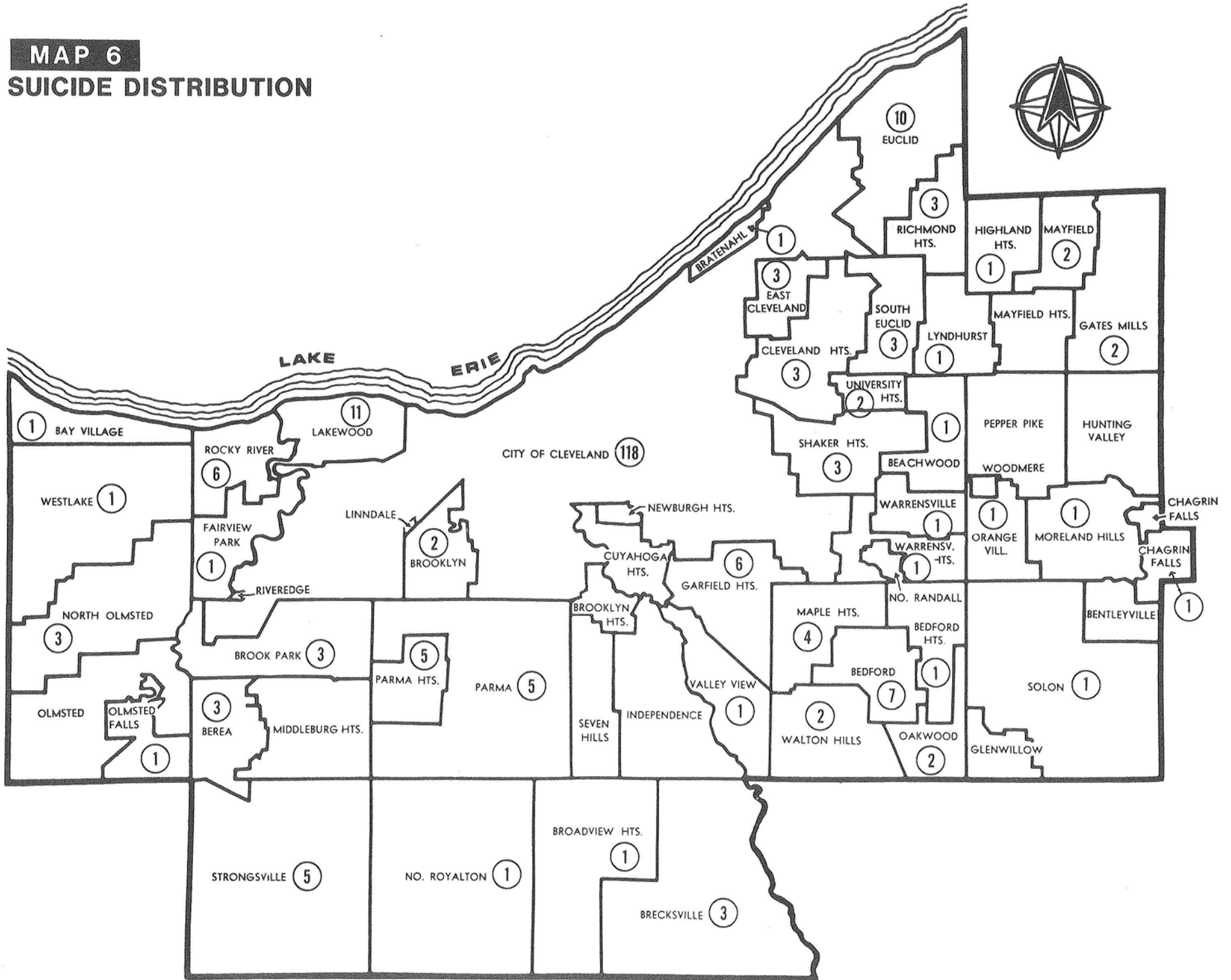
		NUMBER	PERCENT
SEX	MALE	169	71
	FEMALE	69	39
RACE	WHITE	194	82
	NON-WHITE	44	18
ALCOHOL	TESTED	213	89
	POSITIVE	70	33
AUTOPSY	AUTOPSIED	135	57

BY MONTH FOR THE YEAR 1981



1981  
TOTAL CASES  
238

# MAP 6 SUICIDE DISTRIBUTION



# SUICIDES

## MONTHLY ALCOHOL INCIDENCE

**TABLE 70**

MONTH	TOTAL	NOT TESTED										TESTED						STAGES																					
		Total		Cleve.		County		Out Of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
JANUARY	16	12	4	6	1	6	3			1	1		1			1		11	3	8	3	3		1				1											1
FEBRUARY	14	12	2	3		9	2											12	2	9	1	3	1	2			1			1									
MARCH	25	18	7	11	4	6	3	1		2		2						16	7	10	7	6			1			2	2	1									
APRIL	30	20	10	9	4	11	6			5	2	4	1		1	1		15	8	9	6	6	2	3	1			1	1	1		1		1					
MAY	18	11	7	5	5	5	2	1		1				1				10	7	6	3	4	4	1	1	1	1	1	1		1								1
JUNE	20	14	6	10	3	4	3			1	1		1		1			13	5	5	4	8	1	3		1	1	1		2		1							
JULY	24	14	10	7	4	6	5	1	1	3		1			2			11	10	9	9	2	1			1			1										
AUGUST	13	10	3	4	3	6				1					1			9	3	4	3	5		1		2					1								1
SEPTEMBER	19	12	7	5	4	7	3			3					3			9	7	7	3	2	4		2			1	1		1								1
OCTOBER	23	16	7	6	3	10	4			1	1		1		1			15	6	8	5	7	1	1	1	1			3	2					1				
NOVEMBER	20	16	4	12	3	4	1			1					1			15	4	11	4	4		2		1			1										
DECEMBER	16	14	2	6		8	2			1		1						13	2	7	2	6		1		3			1										1
<b>TOTAL</b>	<b>238</b>	<b>169</b>	<b>69</b>	<b>84</b>	<b>34</b>	<b>82</b>	<b>34</b>	<b>3</b>	<b>1</b>	<b>20</b>	<b>5</b>	<b>8</b>	<b>4</b>		<b>12</b>	<b>1</b>	<b>149</b>	<b>64</b>	<b>93</b>	<b>50</b>	<b>56</b>	<b>14</b>	<b>15</b>	<b>5</b>	<b>10</b>	<b>2</b>	<b>7</b>	<b>5</b>	<b>9</b>	<b>2</b>	<b>7</b>		<b>3</b>		<b>5</b>				

## SUICIDES

## AGE AND RACE-ALCOHOL INCIDENCE

TABLE 71

AGE	RACE	TOTAL	NOT TESTED												TESTED						STAGES											
			Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over			
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
10 - 14	White	1	1		1		1																									
	Non-White																															
15 - 19	White	10	9	1	1	1		1			1			8	4		4			2		1							1			
	Non-White	3	2	1										2	1	1	1												1			
20 - 24	White	21	18	3	2			1			1			16	3	9	3	7		2		2		1		1			1			
	Non-White	8	6	2	1						1			5	2	3		2	2		1	1		1	1				1			
25 - 29	White	24	16	8	1						1			15	8	7	7	8	1	2	1	2		1		1			1			
	Non-White	10	7	3	1	1	1	1						6	2	3	2	3				1				1			1			
30 - 34	White	21	17	4	4						4			13	4	9	3	4	1				1	2		2			1			
	Non-White	4	4											4		3		1		1					1	2		2				
35 - 39	White	16	12	4	2			1			1			10	4	6	2	4	2					1	1	1	1	1	1			
	Non-White	7	5	2										5	2	2	2	3				1			1	1			1			
40 - 44	White	17	12	5										12	5	4	2	8	3	3	1	1			1	1	1	2				
	Non-White	1	1											1				1		1									1			
45 - 49	White	10	6	4	1	1	1	1						5	3	5	1		2				1		1							
	Non-White	1	1											1				1											1			
50 - 54	White	16	10	6										10	6	8	5	2	1					1	1	1						
	Non-White	4	2	2										2	2		2	2		1		1										
55 - 59	White	18	7	11	2	1		1			2			5	10	3	8	2	2	2	2											
	Non-White	1	1											1				1											1			
60 - 64	White	15	11	4	2			2						9	4	7	4	2		1									1			
	Non-White	3	2	1										2	1	2	1															
65 - 69	White	7	5	2										5	2	5	2															
	Non-White	1		1										1		1																
70 - 74	White	7	4	3	1	1					1	1		3	2	3	2															
	Non-White	1		1										1		1																
75 - 79	White	3	2	1										2	1	2	1															
	Non-White																															
80-over	White	8	8		1			1						7		7																
	Non-White																															
TOTAL	White	194	138	56	18	4	7	3			11	1	120	52	79	40	41	12	12	4	6	2	6	4	7	2	4	3	3			
	Non-White	44	31	13	2	1	1	1			1		29	12	14	10	15	2	3	1	4		1	1	2		3		2			
GRAND TOTAL		238	169	69	20	5	8	4			12	1	149	64	93	50	56	14	15	5	10	2	7	5	9	2	7	3	5			



# SUICIDES

## MODE-ALCOHOL INCIDENCE

TABLE 72

MODE	TOTAL	NOT TESTED																TESTED						STAGES													
		Total		Cleve.		County		Out Of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
ASPHYXIA	47	33	14	19	7	14	7			1	2		1			1	1	32	12	20	11	12	1	3	1	2		1		2		2		1		1	
BURNING	3	3		2		1				1		1						2		2																	
CARBON MONOXIDE	33	23	10	7	4	16	6			2					2		21	10	11	4	10	6	3	3	1		2	2	1	1	2		1				
CUTTING AND STABBING	4	4		2		2				1		1					3		2		1						1										
JUMPING	7	4	3	2	2	2	1										4	3	2	3	2		1													1	
POISONING	41	13	28	4	14	9	13		1	2	3	1	3		1		11	25	8	19	3	6	1	1	1	2	1	3									
SHOOTING	102	88	14	48	7	37	7	3		13		5			8		75	14	47	13	28	1	7		6		3		5	1	3		1		3		
MISCELLANEOUS*	1	1				1											1		1																		
<b>TOTAL</b>	<b>238</b>	<b>169</b>	<b>69</b>	<b>84</b>	<b>34</b>	<b>82</b>	<b>34</b>	<b>3</b>	<b>1</b>	<b>20</b>	<b>5</b>	<b>8</b>	<b>4</b>		<b>12</b>	<b>1</b>	<b>149</b>	<b>64</b>	<b>93</b>	<b>50</b>	<b>56</b>	<b>14</b>	<b>15</b>	<b>5</b>	<b>10</b>	<b>2</b>	<b>7</b>	<b>5</b>	<b>9</b>	<b>2</b>	<b>7</b>		<b>3</b>		<b>5</b>		

\* Drove auto into bridge pillar.







# 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	M	F		M	F			
	ASPHYXIA									6		7	1	2	1	2	1	5					1	5	2	3	2	2		1	3		3									33	14	47
BURNING											1				1																									1		3		3
CARBON MONOXIDE									2		1		4	1	3		2	1	4	2		1	2		1	3	1	1				1	1	2						23	10	33		
CUTTING AND STABBING													1				2										1															4		4
JUMPING												1	2			1			1	1			1																		4	3	7	
POISONING									1	3	1	1	4	2	2		4	2	1	1	2		6		4	3	2			1				1							13	28	41	
SHOOTING							1		3	1	12	2	13	5	13		7	1	6	1	6		4		4	2	6	2	4		4		1		4						88	14	102	
MISCELLANEOUS																1																										1		1
<b>TOTAL</b>							1		11	2	24	5	23	11	21	4	17	6	13	5	7	4	12	8	8	11	13	5	5	3	4	4	2	1	8					169	69	238		

## MODE-GEOGRAPHICAL LOCATION AND MARITAL STATUS

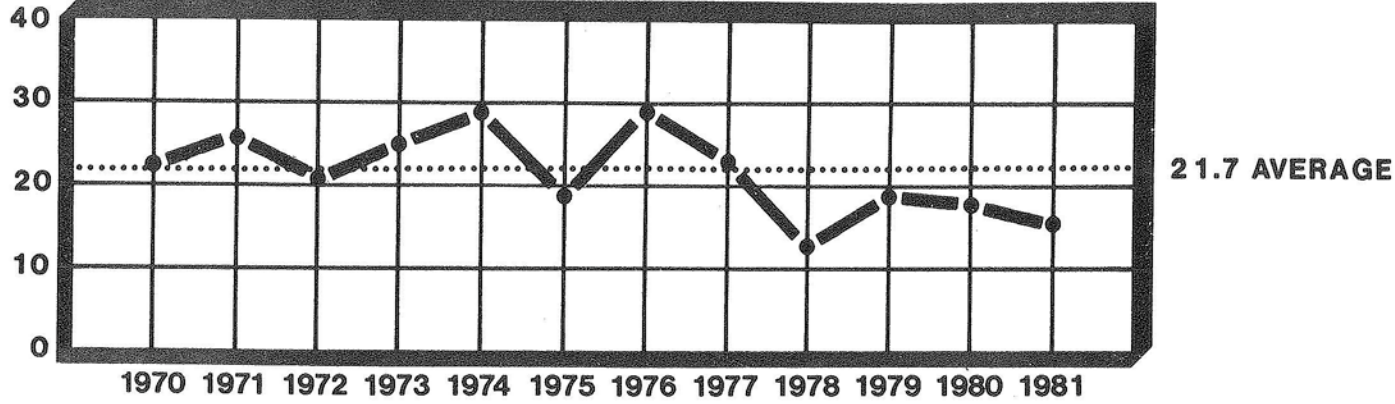
**TABLE 76**

MODE	CLEVELAND												COUNTY												OUT OF COUNTY												GRAND TOTAL							
	MARRIED		SINGLE		WIDOWED		DIVORCED		UNKNOWN		TOTAL		MARRIED		SINGLE		WIDOWED		DIVORCED		UNKNOWN		TOTAL		MARRIED		SINGLE		WIDOWED		DIVORCED		UNKNOWN		TOTAL			TOTAL						
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F			
ASPHYXIA	6	4	8	1		1	4	1	1		19	7	5	1	9	1		3		2			14	7																	33	14	47	
BURNING	1		1								2							1					1																		3		3	
CARBON MONOXIDE	2	2	2		1	1	2	1			7	4	8	3	5		1		2	3			16	6																	23	10	33	
CUTTING AND STABBING	1						1				2		1		1								2																			4		4
JUMPING		1	1	1					1		2	2			2	1							2	1																	4	3	7	
POISONING		2	2	6	1	2	1	4			4	14	4	8	2	1	2	1	1	3			9	13		1										1					1	13	28	41
SHOOTING	22	2	18	3	3	2	5				48	7	13	3	11	3	5		8	1			37	7	1		2									3					88	14	102	
MISCELLANEOUS																		1					1																			1		1
<b>TOTAL</b>	32	11	32	11	5	6	13	6	2		84	34	31	15	30	6	8	4	13	9			82	34	1	1	2								3	1			169	69	238			



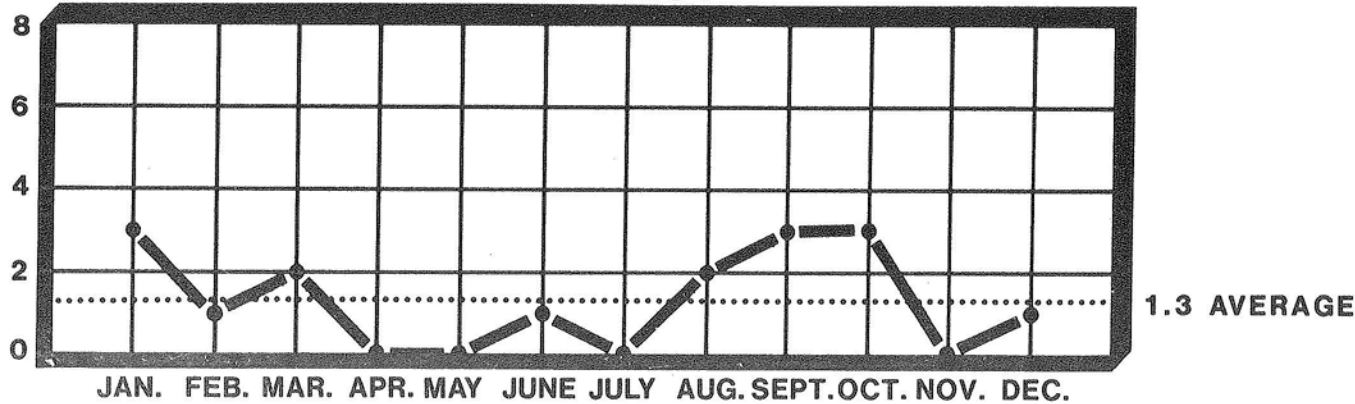
# VIOLENCE OF UNDETERMINED ORIGIN

FOR A PERIOD OF TWELVE YEARS



		NUMBER	PERCENT
SEX	MALE	13	81
	FEMALE	3	19
RACE	WHITE	9	56
	NON-WHITE	7	44
ALCOHOL	TESTED	12	75
	POSITIVE	3	25
AUTOPSY	AUTOPSIED	16	100

BY MONTH FOR THE YEAR 1981



1981  
TOTAL CASES  
16



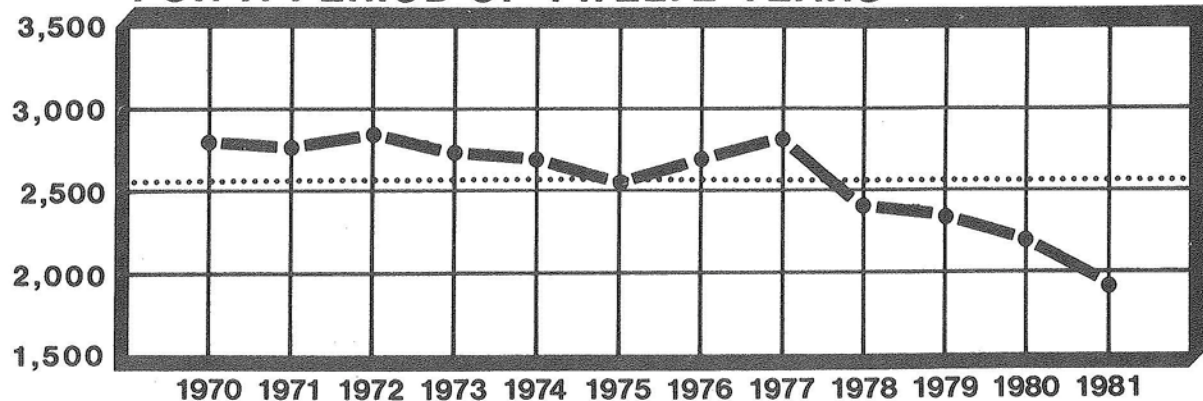






# NATURAL CAUSES

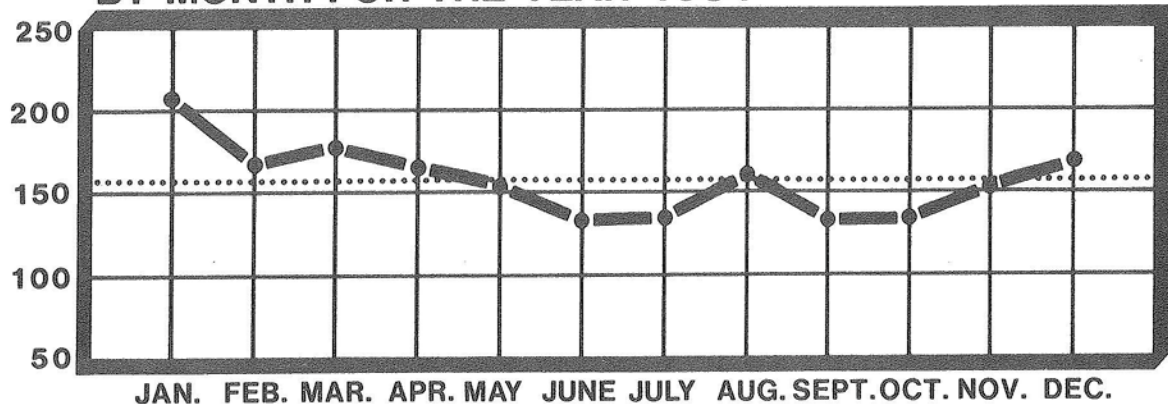
## FOR A PERIOD OF TWELVE YEARS



2,588.0 AVERAGE

		NUMBER	PERCENT
SEX	MALE	1204	63
	FEMALE	715	37
RACE	WHITE	1332	69
	NON-WHITE	587	31
ALCOHOL	TESTED	1603	84
	POSITIVE	227	14
AUTOPSY	AUTOPSIED	442	23

## BY MONTH FOR THE YEAR 1981



159.9 AVERAGE

1981
TOTAL CASES
1919

# DEATHS FROM NATURAL CAUSES

## MONTHLY ALCOHOL INCIDENCE

TABLE 80

MONTH	TOTAL	NOT TESTED										TESTED						STAGES													
		Total		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
JANUARY	211	130	81	12	12	1	4	3	2	8	6	118	69	102	63	16	6	8	5	2	1	2		1				1		2	
FEBRUARY	171	102	69	16	16	4	2	4	3	8	11	86	53	71	49	15	4	4	3	2	1	4		3		1		1			
MARCH	181	126	55	21	9	4	1	4	3	13	5	105	46	84	44	21	2	10	2	3		2		1		3		1		1	
APRIL	168	104	64	20	8	8	2	4	2	8	4	84	56	74	51	10	5	5	3	2		2	1		1	1					
MAY	154	90	64	10	14	3	3	2	3	5	8	80	50	66	42	14	8	5	7	3	1	3								3	
JUNE	137	78	59	10	12		3	1	2	9	7	68	47	54	44	14	3	8	2	3				1		1	1	1			
JULY	137	89	48	18	10	1	1	3		14	9	71	38	57	34	14	4	5	2	3		1	1	2			1	1		2	
AUGUST	162	102	60	19	12	3	1	2	3	14	8	83	48	76	45	7	3	5	1		2			2							
SEPTEMBER	137	85	52	13	7	1	3	5	2	7	2	72	45	61	39	11	6	3	4	2	2	1		1		1				3	
OCTOBER	137	88	49	15	8	4	1	4	2	7	5	73	41	60	34	13	7	5	3	1	1	2	1	1	1			1	1	3	
NOVEMBER	152	96	56	20	10	2	3	3	1	15	6	76	46	65	38	11	8	6	5	1	2	1	1	1				1		1	
DECEMBER	172	114	58	15	9	2	3	4	1	9	5	99	49	81	42	18	7	12	3	2	1	1	2			1	1	2			
<b>TOTAL</b>	<b>1919</b>	<b>1204</b>	<b>715</b>	<b>189</b>	<b>127</b>	<b>33</b>	<b>27</b>	<b>39</b>	<b>24</b>	<b>117</b>	<b>76</b>	<b>1015</b>	<b>588</b>	<b>851</b>	<b>525</b>	<b>164</b>	<b>63</b>	<b>76</b>	<b>40</b>	<b>24</b>	<b>11</b>	<b>19</b>	<b>6</b>	<b>13</b>	<b>2</b>	<b>8</b>	<b>3</b>	<b>9</b>	<b>1</b>	<b>15</b>	

# DEATHS FROM NATURAL CAUSES

## INTERNATIONAL CODE OF CAUSES OF DEATH LISTED BY MONTH

**TABLE 8 1**

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		
Infectives and Parasitic Diseases							1	1		1	1	1				1	1	1						1		4	5	9
Neoplasms	7		6		6	3	7	4	2	5	2	3	4	2	6	4	2	5	5	3	1	3	6	2	54	34	88	
Allergic, Endocrine System, Metabolic and Nutritional Diseases			1		1					3			2	1	2	2			1		1					8	6	14
Diseases of the Blood and Blood-forming Organs																												0
Mental, Psychoneurotic and Personality Disorders **					1		1	2					1				1		1		1					7	1	8
Diseases of the Nervous System and Sense Organs				4	2		1			1	1	1		1	2	1		1		2	1	1		1		9	10	19
Diseases of the Circulatory System	115	76	85	59	100	49	79	52	75	47	66	48	74	37	88	44	69	40	69	40	79	46	93	51	992	589	1581	
Diseases of the Respiratory System			1	1	1		2	1						2	2	1	4	1	1	2	1	1		1	12	10	22	
Diseases of the Digestive System	4	3	5	2	9		9	2	7	5	7	3	4	4	3	3	3	4	6	2	7	4	7	2	71	34	105	
Diseases of the Genito-urinary System																							1		1		1	
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	1	2
Congenital Malformations					1	1		1					2			1	1				1	1			5	4	9	
Certain Diseases of Early Infancy																												0
Symptoms, Senility and Ill-defined Conditions ***	4	2	4	2	4	2	5	2	3	2	1	3	2	1	1	2	3	1	4	2	3		5	2	39	21	60	
<b>TOTAL</b>	<b>130</b>	<b>81</b>	<b>102</b>	<b>69</b>	<b>126</b>	<b>55</b>	<b>104</b>	<b>64</b>	<b>90</b>	<b>64</b>	<b>78</b>	<b>59</b>	<b>89</b>	<b>48</b>	<b>102</b>	<b>60</b>	<b>85</b>	<b>52</b>	<b>88</b>	<b>49</b>	<b>96</b>	<b>56</b>	<b>114</b>	<b>58</b>	<b>1204</b>	<b>715</b>	<b>1919</b>	

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

\*\* In Mental, Psychoneurotic and Personality Disorders 7 were due to Alcoholism.

\*\*\* 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	
Infectives and Parasitic Diseases							1	1			1						1	1					1		4	2	6
Neoplasms	1		1							1			1					1				2	2	1	5	5	10
Allergic, Endocrine System, Metabolic and Nutritional Diseases			1		1					3				1											2	4	6
Diseases of the Blood and Blood-forming Organs																											0
Mental, Psychoneurotic and Personality Disorders **									1										1		1				3		3
Diseases of the Nervous System and Sense Organs				3						1	1						1				2	1	1		5	5	10
Diseases of the Circulatory System	17	7	15	6	22	9	19	8	23	8	8	6	12	1	11	6	10	5	20	9	27	7	23	7	207	79	286
Diseases of the Respiratory System			1	1										1	1	1	3	1	1	2	1	1		1	7	8	15
Diseases of the Digestive System	1	1	1	1	3		8	2	3	2	2	2		3		2	1	2	3		3	3	3		28	18	46
Diseases of the Genito-urinary System																							1		1		1
Deliveries and Complications of Pregnancy, Childbirth and the Puerperium																											0
Diseases of the Skin and Cellular Tissue																											0
Diseases of the Bones and Organs of Movement																											0
Congenital Malformations					1								1				1	1			1	1			4	2	6
Certain Diseases of Early Infancy																											0
Symptoms, Senility and Ill-defined Conditions ***	3	2	3	2	5	2	5	2	3	2	1	3	2		1	2	3	1	4	1	2		3	1	35	18	53
<b>TOTAL</b>	<b>22</b>	<b>10</b>	<b>22</b>	<b>13</b>	<b>32</b>	<b>11</b>	<b>33</b>	<b>13</b>	<b>30</b>	<b>17</b>	<b>13</b>	<b>11</b>	<b>16</b>	<b>6</b>	<b>13</b>	<b>11</b>	<b>20</b>	<b>12</b>	<b>29</b>	<b>12</b>	<b>37</b>	<b>15</b>	<b>34</b>	<b>10</b>	<b>301</b>	<b>141</b>	<b>442</b>

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

\*\* In Mental, Psychoneurotic and Personality Disorders 3 were due to Alcoholism.

\*\*\* Sudden Unexpected Infant Deaths Totaled 42.

# 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	4	2	4	4	4	2	2	2	1	3	3		2	2	6	1	5	1	3	1	3	1	41	21	62	
1 - 4					1									1				1						1		2	2	4
5 - 9							1									1										2	2	
10 - 14				1							1									1						3	3	
15 - 19	1			1												1					1		1		3	2	5	
20 - 24					1	1	2	4	1			1						2					1		7	6	13	
25 - 29	1						1		2				1					1	1		1				7	1	8	
30 - 34	1	2	2	1	1				1	2	2	1	1	1						1	3	1	3	2	14	11	25	
35 - 39	2		1	1	1		4	1	3	1	2		1	1	1				4	1	2		1	2	22	7	29	
40 - 44	1	3	5	3	5		4	2	2	5	3	4	2		2	2	5	3	2		4	2		4	35	28	63	
45 - 49	5	3	6	1	7	1	7	4	7	7	5	2	6	1	5	3	5	1	4	2	4	1	4		65	26	91	
50 - 54	6	1	8	4	12	1	6	3	8	4	10	4	9	2	7	6	10	1	6	1	11		8	2	101	29	130	
55 - 59	23	3	9	8	22	3	12	4	11	5	9	4	18	2	14	5	15	8	16	5	12	4	14	5	175	56	231	
60 - 64	21	11	15	4	23	4	13	8	15	4	13	7	5	1	12	6	15	4	12	8	8	5	13	7	165	69	234	
65 - 69	25	14	16	10	14	9	14	7	13	5	9	10	10	4	17	4	7	8	11	5	14	8	20	7	170	91	261	
70 - 74	14	10	14	13	11	8	14	10	13	13	9	3	13	9	19	8	7	7	13	5	12	10	19	12	158	108	266	
75 - 79	9	13	10	11	9	7	10	7	3	2	5	7	10	10	8	8	7	3	3	4	10	6	16	3	100	81	181	
80 - over	17	19	12	9	15	16	13	12	9	13	10	13	10	16	15	14	6	14	11	15	11	18	10	13	139	172	311	
TOTAL	130	81	102	69	126	55	104	64	90	64	78	59	89	48	102	60	85	52	88	49	96	56	114	58	1204	715	1919	

## AUTOPSIES-DEATHS FROM NATURAL CAUSES

## MONTHS AND AGE GROUPS

TABLE 84

AGE	JAN.		FEB.		MAR.		APRIL		MAY		JUNE		JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Under 1 Year	3	2	3	2	5	3	4	1	2	2	1	3	2		2	2	6	1	4	1	3	1	3		38	18	56
1 - 4					1									1				1					1		2	2	4
5 - 9						1											1									2	2
10 - 14										1																1	1
15 - 19	1			1												1					1		1		3	2	5
20 - 24						1	2	3	1								1						1		5	4	9
25 - 29	1								1				1				1	1			1				5	1	6
30 - 34	1	2	2		1				1	1	2	1	1	1					1	2	1	3	2	13	9	22	
35 - 39	1		1	1	1		3	1	3	1	2		1	1	1				4	1	2		1	2	20	7	27
40 - 44		2	4	2	5		3	2	2	5	1	2	1		2		5	2	1		4	1		3	28	19	47
45 - 49	2	1	4		3		7	3	5	3	2	1	3		1	2	2	1	4	2	4		2		39	13	52
50 - 54	2		5	1	4	1	3		3	2	2		2		2	1	2		4		3		4		36	5	41
55 - 59	1	1	1	2	3		2		4		1	1	3			2	2	2	5	3	5	2	3	2	30	15	45
60 - 64	3	1	2	1	2		2	1	5			2				1	2	1	1	1	2	2	2		21	10	31
65 - 69	2	1		1	2	2	3	1		1	1		1		4			1		2	4	3	2		19	12	31
70 - 74	3			1	1	1	3	1	1		1			2	1				2	1	2	1	5		19	7	26
75 - 79				1	1	1	1		2				1			1			2		3	1	4		14	4	18
80 - over	2				3	1				1		1		1		1		1	1		1	3	2	1	9	10	19
TOTAL	22	10	22	13	32	11	33	13	30	17	13	11	16	6	13	11	20	12	29	12	37	15	34	10	301	141	442



# DEATHS FROM NATURAL CAUSES

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

TABLE 85

CLASSIFICATION OF DISEASES BY CODE *	Under 1 year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
	Infective and Parasitic Diseases	1	1									1	1			1					1						1		1		1								4	5
Neoplasms																				1	3	1	3	4	8	4	9	3	7	8	6	3	10	4	8	6	54	34	88	
Allergic, Endocrine System, Metabolic and Nutritional Diseases													1			1					1	1	1			1			1	1	2	1	3				8	6	14	
Diseases of the Blood and Blood-forming Organs																																								0
Mental, Psychoneurotic and Personality Disorders **													2								1				1		1		2	1								7	1	8
Diseases of the Nervous System and Sense Organs	2	1				1		1	1						3				1				1			1	1		1		1	1		1	2		9	10	19	
Diseases of the Circulatory System	2	1				1		1	2		3	4	5	1	9	4	13	5	31	19	52	22	83	20	152	44	139	58	146	77	147	100	85	75	123	157	992	589	1581	
Diseases of the Respiratory System	5	1																	1			2		1	1	1	2	3								5	12	10	22	
Diseases of the Digestive System						1				1	1		1		1	5	5	1	4	4	7	2	10	2	11	6	11	5	10	2	4	2	2	1	4	2	71	34	105	
Diseases of the Genito-urinary System				1																																		1		1
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	1	2
Congenital Malformations	2	3	1			1			1				1																								5	4	9	
Certain Diseases of Early Infancy																																								0
Symptoms, Senility and Ill-defined Conditions ***	29	14				1				1	1				2	1			1	2		2	1	1		1		2									39	21	60	
TOTAL	41	21	2	2		2		3	3	2	7	6	7	1	14	11	22	7	35	28	65	26	101	29	175	56	165	69	170	91	158	108	100	81	139	172	1204	715	1919	

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

\*\* In Mental, Psychoneurotic and Personality Disorders 7 were due to Alcoholism.

\*\*\* 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	M	F		
	Infective and Parasitic Diseases	1	1									1	1			1																							4	2
Neoplasms																			1	1					1	2	2	1					1			1	5	5	10	
Allergic, Endocrine System, Metabolic and Nutritional Diseases														1		1					1								1						1			2	4	6
Diseases of the Blood and Blood-forming Organs																																								0
Mental, Psychoneurotic and Personality Disorders **															2							1																3		3
Diseases of the Nervous System and Sense Organs	1	1							1	1							3							1					1							1	5	5	10	
Diseases of the Circulatory System	1	1			1		1	2		1	2	4	1	8	2	11	5	24	13	33	10	28	3	28	9	15	5	17	11	17	6	12	4	6	5	207	79	286		
Diseases of the Respiratory System	5	1																1				2			1		2									3	7	8	15	
Diseases of the Digestive System				1					1	1					1	5	5	1	4	3	2	2	4		2	4	3	1	1		2		1		2		28	18	46	
Diseases of the Genito-urinary System			1																																			1		1
Deliveries and Complications of Pregnancy, Childbirth and the Puerperium																																								0
Diseases of the Skin and Cellular Tissue																																								0
Diseases of the Bones and Organs of Movement																																								0
Congenital Malformations	1	1	1			1			1			1																										4	2	6
Certain Diseases of Early Infancy																																								0
Symptoms, Senility and Ill-defined Conditions ***	29	13		1						1	1				2	1				1	2			2														35	18	53
<b>TOTAL</b>	<b>38</b>	<b>18</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>1</b>	<b>13</b>	<b>9</b>	<b>20</b>	<b>7</b>	<b>28</b>	<b>19</b>	<b>39</b>	<b>13</b>	<b>36</b>	<b>5</b>	<b>30</b>	<b>15</b>	<b>21</b>	<b>10</b>	<b>19</b>	<b>12</b>	<b>19</b>	<b>7</b>	<b>14</b>	<b>4</b>	<b>9</b>	<b>10</b>	<b>301</b>	<b>141</b>	<b>442</b>			

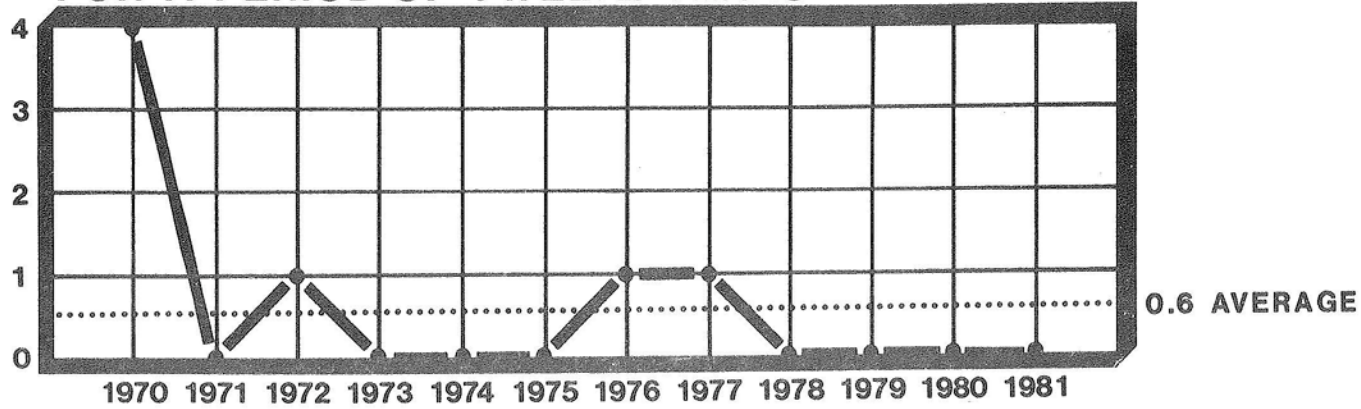
\* International Classification of Diseases by World Health Organization: Ninth Revision.

\*\* In Mental, Psychoneurotic and Personality Disorders 3 were due to Alcoholism.

\*\*\* Sudden Unexpected Infant Deaths Totaled 42.

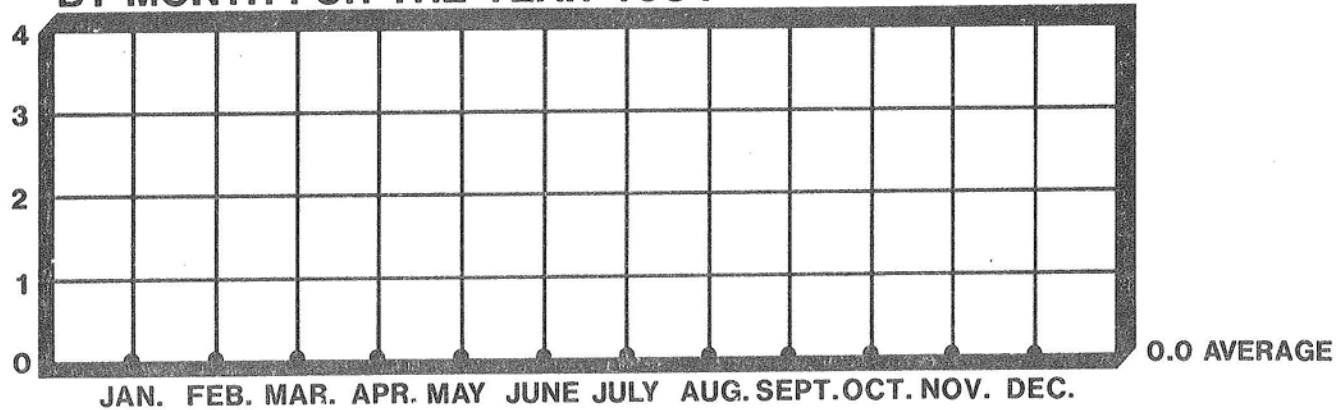
# ABORTIONS

FOR A PERIOD OF TWELVE YEARS



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

BY MONTH FOR THE YEAR 1981



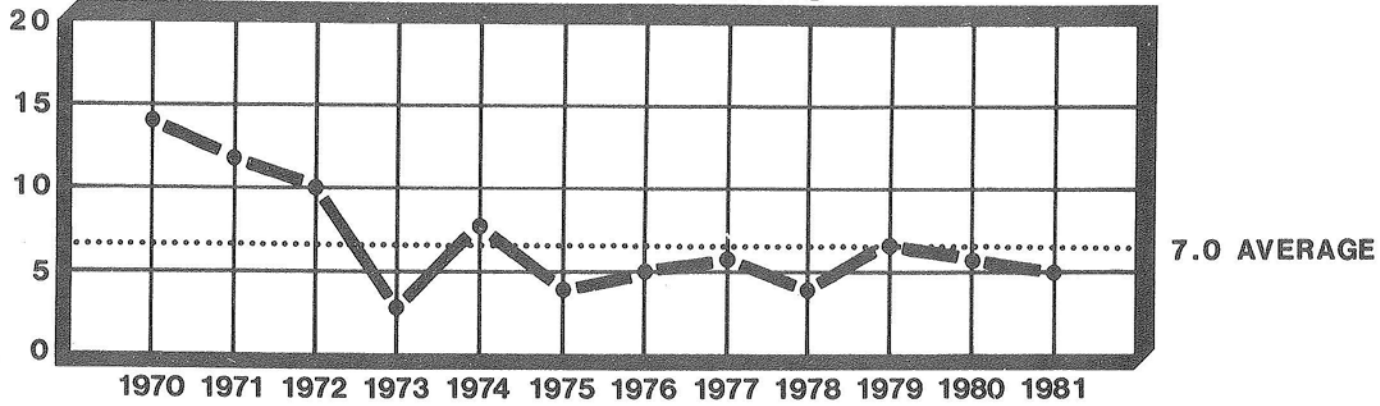
1981 TOTAL CASES 0
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**ABORTION FATALITIES****TABLE 87**

<b>NO FATALITIES RECORDED IN THIS CATEGORY IN 1981</b>
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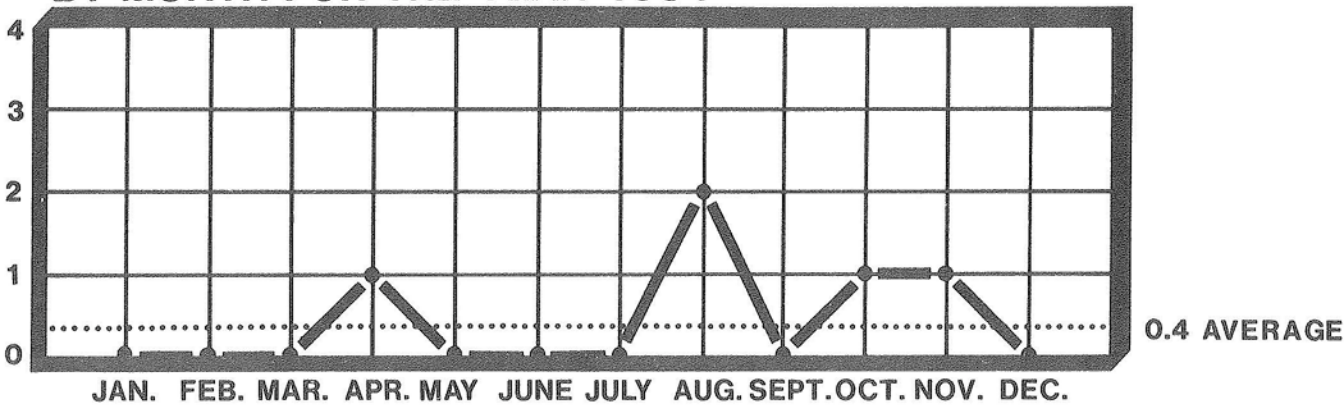
# NEONATAL AND INTRA-UTERINE DEATHS

FOR A PERIOD OF TWELVE YEARS



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

BY MONTH FOR THE YEAR 1981



1981  
TOTAL CASES  
5

# NEONATAL AND INTRA-UTERINE DEATHS

## BY MONTH AND AGE GROUPS \*

**TABLE 88**

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

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

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

Group I - Less than 20 completed weeks of gestation.

Group III - 28 completed weeks of gestation and over.

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

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

# AUTOPSIES

## NEONATAL AND INTRA-UTERINE DEATHS

### BY MONTH AND AGE GROUPS

TABLE 89

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

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

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

Group I - Less than 20 completed weeks of gestation.

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

Group III - 28 completed weeks of gestation and over.

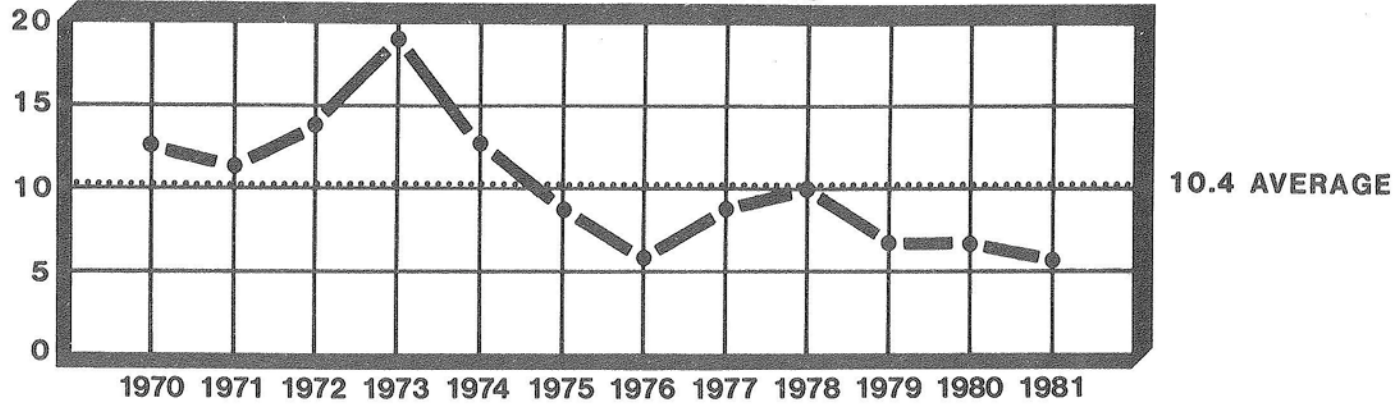
Group IV - Gestation period not classifiable in Group I, II, or III.





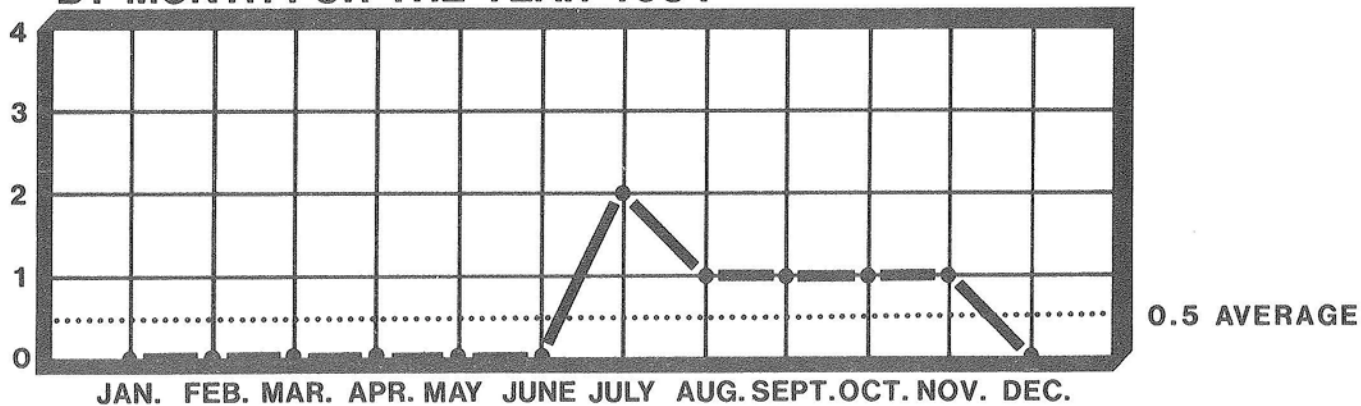
# UNDETERMINED CAUSES

FOR A PERIOD OF TWELVE YEARS



		NUMBER	PERCENT
SEX	MALE	5	83
	FEMALE	1	17
RACE	WHITE	4	67
	NON-WHITE	2	33
ALCOHOL	TESTED	3	50
	POSITIVE	3	100
AUTOPSY	AUTOPSIED	5	83

BY MONTH FOR THE YEAR 1981



1981  
TOTAL CASES  
6

## DEATHS FROM UNDETERMINED CAUSES

**TABLE 90**

COLOR	SEX	AGE	MARITAL STATUS	DATE OF DEATH	OCCUPATION	WHERE DEATH OCCURRED	CASE NUMBER
White	M	00	Single	7-4-81	Infant	Cleveland	181493
White	M	36	Single	7-6-81	Laborer	Brooklyn	181500
Black	F	51	Single	8-14-81	Housewife	Cleveland	181831
Black	M	57	Widowed	9-13-81	Unknown	Cleveland	182103
White	M	42	Unknown	10-6-81	Unknown	Cleveland	182281
White	M	22	Single	11-1-81	Welder	Mayfield Heights	182472

5 cases autopsied but no cause of death could be assigned.

Advanced postmortem decomposition in 3 cases.

Toxicological examination and alcohol determination conducted on 3 cases.

Alcohol determination resulted in 3 positive cases and no negative cases.

# TOXICOLOGY LABORATORY REPORT

## 1981

**TABLE 91**

	CASES INVESTIGATED	ANALYSES
CUYAHOGA COUNTY CORONER'S OFFICE	2,462 *	84,476
SOURCES OF OTHER SPECIMENS (police dept., other coroners, local hospitals)	911	29,797
<b>TOTAL</b>	<b>3,373</b>	<b>114,273</b>

\* 78.2% of CUYAHOGA COUNTY CORONER'S CASES

## TOXICOLOGY LABORATORY REPORT

TABLE 91A

ANALYSES	CUYAHOGA COUNTY CORONER'S LABORATORY CASES				OUTSIDE CASES	TOTAL ANALYSES
	CASES		SPECIMENS ANALYSED		ANALYSES	
	TESTED *	POSITIVE ***	POSITIVE **	TESTED	TESTED	
Blood Alcohol	2448	588	588	3036	640	3676
Urine Alcohol	989	350	350	1339	238	1577
Carbon Monoxide	187	83	83	270	26	296
Sugar	958	110	110	958	237	1195
Acetone	1577	49	83	4158	736	4894
Isopropyl Alcohol	1577	9	16	4158	727	4885
Methyl Alcohol	1577	2	2	4158	732	4890
Ethchlorvynol	1381	8	15	1414	295	1709
Acetaminophen	1050	92	131	1221	552	1773
Salicylates	1261	211	252	1575	317	1892
Imipramine	956	11	14	973	237	1210
Phenothiazines	954	35	51	1021	281	1302
Barbiturates	1146	59	92	1286	714	2000
Glutethimide	1088	3	4	1104	305	1409
Meprobamate	1087	5	7	1108	325	1433
Methyprylon	1087	0	0	1099	290	1389
Benzodiazepines	1164	97	211	1501	800	2301
N-Desmethyl Diazepam	1070	79	87	1174	425	1599
Diazepam	1070	79	87	1174	425	1599
Flurazepam	1069	12	17	1102	326	1428
Chlordiazepoxide	1071	11	20	1111	322	1433
Dilantin	29	29	35	70	37	107
Opiates	1039	37	71	1168	334	1502
Morphine	24	13	22	57	36	93
Amphetamine	63	25	39	118	303	421
Methaqualone	7	6	12	25	42	67
Propoxyphene	37	33	114	232	163	395
Theophylline	2	1	1	2	11	13
Cocaine	20	10	36	87	153	240
Thioridazine	7	6	7	8	8	16
Organic Bases	1330	264	628	47,682	19,584	67,266
Miscellaneous****	71	43	59	87	176	263
<b>TOTAL</b>	<b>27,396</b>	<b>2,360</b>	<b>3,244</b>	<b>84,476</b>	<b>29,797</b>	<b>114,273</b>

\* In any given case several different analyses may be required. Consequently the total number of cases for each chemical agent as reported in column (1) will not equal the total number of actual cases.

\*\* In a positive case more than one kind of biological material may be analyzed. Thus the number of positive analyses may exceed the number of positive cases.

\*\*\* Positive cases include those where therapeutic levels were detected.

\*\*\*\* AED's (Anti-Epileptic Drug) (40), Benzene (1), Bromide (1), Camphor (7), Carbamazepine (11), Chloral Hydrates (6), Chlorpropamide (Diabinese) (1), Cimetadine (1), Clonipin (1), Cogentin (12), Cyanide (5), Ethosuximide (Zarontin) (4), Ethylene Glycol (64), Gentamicin (3), Heavy Metals (2), High Volatiles (2), Iodine (1), Mercurials (1), Methylene Chloride (1), NAPA (N-Acetyl Procainamide) (1), Pheniramine (3), Phenylpropanolamine (50), Phenytoin (5), Primidone (Mysoline) (22), Procainamide (1), Stelazine (5), Toluene (5), Trichlorethylene (1), Trichloroethanol (1), Valproic Acid (5).

# SUBSTANCES INVOLVED IN FATAL POISONINGS

## 1970-1981

**TABLE 92**

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	TOTAL
Alcohol other than ethyl	1	2	3	1	4		1	6	1	2	1	1	23
Carbon Monoxide	61(17)	100(38)	87(22)	98(33)	83(31)	69(20)	73(15)	67(22)	83(26)	83(24)	90(29)	72(28)	966(305)
Barbiturates	23	26	24	19	15	10	10	11	5	9	5	2	159
Barbiturates and Other Drugs	26	18	19	20	2	7	10	9	3	9	6	5	134
Meprobamate	1				1						1		3
Glutethimide	2	3	2		6	1	1	1	1	1		1	19
Chloral Hydrate & Paraldehyde	1												1
Chlorbutanol						1							1
Ethyl alcohol and other drugs					9	16	26	12	10	21	19	19	132
Ethchlorvynol				2	2	2	3	1			1	3	14
Chloral Hydrate				1		1	1					2	5
Methypylon							1						1
Propoxyphene and other drugs									11	6	3	8	28
Valmid				1									1
Salicylates	4	2	1		3	2	2	1		2	3	2	22
Organic Bases	24	28	25	22	7	5	10	17	4	8	8	12	170
Lead			1										1
Narcotics	2			2	11	22	15	4	2	3	4	6	71
Phenothiazine	2	1		1	2					1			7
<b>Corrosives:</b>													
Alkalies	3	3	4	2		2	1	1	3				19
Cyanides		1	1	4	1		2	2	1	1		1	14
Inorganic Acids	1			2	2								5
Draino and Clorox				1	1				2	3			7
<b>Economic Poisons:</b>													
Arsenicals	1			1									2
Other economic poisons	1						1		3	3	6	2	16
Miscellaneous	8	5	7	11	5	2	5	8	2	7	3	2	65
Combination of other drugs	19	9	11	32	18	33	20	10	9	9	13	18	201
<b>TOTAL</b>	<b>180</b>	<b>198</b>	<b>185</b>	<b>220</b>	<b>172</b>	<b>173</b>	<b>182</b>	<b>150</b>	<b>140</b>	<b>168</b>	<b>163</b>	<b>156</b>	<b>2087</b>

( ) Includes fatalities resulting from smoke inhalation during fire.

# POISONING FATALITIES BY TYPE IN COUNTY OF CUYAHOGA

## 1943-1981

**TABLE 93**

YEAR	HOME	WHILE AT WORK	OTHER	HOMICIDE	SUICIDE	V.U.O.	TOTAL
1943	30	1	7	1	38	0	77
1944	25	1	5	0	31	0	62
1945	38	0	9	1	34	0	82
1946	33	4	22	0	29	0	88
1947	19	2	19	1	41	0	82
1948	31	3	5	0	43	0	82
1949	34	1	8	0	41	0	84
1950	20	1	24	0	33	0	78
1951	21	2	10	2	21	0	56
1952	26	3	17	0	31	0	77
1953	36	2	13	0	33	0	84
1954	47	8	9	1	44	0	109
1955	50	1	9	1	36	0	97
1956	67	1	12	1	46	0	127
1957	43	1	13	2	35	0	94
1958	66	2	7	1	51	0	127
1959	44	4	12	0	50	0	110
1960	52	2	10	2	50	0	116
1961	35	3	4	0	49	0	91
1962	34	0	6	2	54	0	96
1963	47	0	4	0	62	0	113
1964	41	0	14	0	68	0	123
1965	46	3	3	0	65	0	117
1966	54	2	7	0	67	0	130
1967	62	1	8	0	63	0	134
1968	68	0	19	0	60	3	150
1969	70	3	11	0	67	3	154
1970	67	0	20	0	83	10	180
1971	92	0	27	0	75	4	198
1972	80	0	17	0	84	4	185
1973	120	0	19	0	94	5	220
1974	87	0	6	0	75	4	172
1975	93	0	22	1	51	5	172
1976	70	0	13	3	87	9	182
1977	59	0	15	1	70	5	150
1978	56	0	9	0	69	6	140
1979	69	2	8	1	82	6	168
1980	59	0	14	10	77	3	163
1981	68	0	6	3	74	5	156
<b>TOTAL</b>	<b>2041</b>	<b>53</b>	<b>463</b>	<b>34</b>	<b>2163</b>	<b>72</b>	<b>4826</b>

Figures include carbon monoxide poisonings. See tables 13, 28 and 73.

# SUBSTANCES INVOLVED IN FATAL POISONINGS

## 1981

**TABLE 93A**

		TOTALS
Alcohol other than Ethyl		1
Carbon Monoxide		72*
Ethyl Alcohol and:		
Acetaminophen	1	
Diazepam	1	
Doxepin	1	
Lidocaine	1	
Opiate	1	
Pentobarbital	1	
Quinidine	1	
Combination	12	19
Other Drugs		
Acetaminophen	2	
Amitriptyline	2	
Barbiturate	2	
Chloral Hydrate	2	
Cocaine	2	
Codeine	1	
Doxepin	3	
Ethchlorvynol	3	
Glutethimide	1	
Imipramine	1	
Morphine	1	
Nortriptyline	1	
Opiate	4	
Parathion	1	
Propoxyphene	3	
Salicylate	2	
Thioridazine	1	
Undetermined	1	33
Combination of Drugs		28
Other Chemical Agents		
Cyanide	1	
Toilet Bowl Cleaner	1	
Lye	1	3
<b>TOTAL</b>		<b>156</b>

\* Fatalities resulting from smoke inhalation during a fire (28).  
 Breakdowns of individual drugs in combination with other  
 drugs shown on tables 14, 29 and 74.

## TRACE EVIDENCE LABORATORY

**TABLE 94**

	CORONER'S CASES *	SPECIMENS FROM OTHER SOURCES ** RE: CORONER'S CASES	SPECIMENS FROM OTHER CORONER'S CASES AUTOPSIED AT CUYAHOGA COUNTY CORONER'S OFFICE	SPECIMENS FROM OTHER SOURCES ** NOT RE: CORONER'S CASES	TOTAL
INDIVIDUAL CASES	765	(58)	28	16	809
SPECIMENS SUBMITTED	3035	533	(80)	119	3154
EXAMINATIONS	3055	1667	(166)	284	5006

\* The 765 Coroner's Cases requiring Trace Evidence Examinations represents 24.31% of the total Cuyahoga County Coroner's Cases for 1981.

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

Actual time spent testifying at court: 23 hours and 45 minutes.



# TRACE EVIDENCE LABORATORY

**TABLE 94A**

EXAMINATIONS	CUYAHOGA COUNTY CORONER'S CASES	OTHER CORONER'S CASES	SPECIMENS FROM OTHER SOURCES ** RE: CORONER'S CASES	SPECIMENS FROM OTHER SOURCES ** NOT RE: CORONER'S CASES	TOTAL
<b>ACID PHOSPHATASE</b>					
Specimens from bodies	96	(9)			96
Stains			2	12	14
Electrophoretic determination	56	(18)	33	20	109
<b>MICROSCOPIC EXAMINATION FOR SPERMATOZA</b>					
Specimens from bodies	80	(9)		3	83
Stains	4		3	11	18
<b>BLOOD DETECTION</b>					
Presumptive Tests	2	(2)	263	8	273
<b>BLOOD GROUP DETERMINATIONS</b>					
Fluid Blood	686	(22)	9	23	718
Stains	2	(2)	164	10	176
<b>PRECIPITIN TESTS</b>					
Species Identification	2	(2)	139	6	147
<b>ISOZYMES (ELECTROPHORESIS)</b>	303	(12)	345	12	660
<b>CLOTHING DESCRIPTIONS</b>					
Descriptions	181	(4)			181
Inspections	187	(9)			187
Stereomicroscopic Examinations	23		74	58	155
<b>GUNFIRE RESIDUE DETECTION TESTS</b>					
Clothing and Related Items	238	(3)	14	3	255
Targets	97		58		155

# TRACE EVIDENCE LABORATORY

**TABLE 94A cont.**

EXAMINATIONS CONTINUED	CUYAHOGA COUNTY CORONER'S CASES	OTHER CORONER'S CASES	SPECIMENS FROM OTHER SOURCES ** RE: CORONER'S CASES	SPECIMENS FROM OTHER SOURCES ** NOT RE: CORONER'S CASES	TOTAL
<b>HAND EXAMINATIONS</b>					
Trace Metal Detection	325	(11)		7	332
Primer Residue (Harrison-Gilroy Test)	311	(8)		1	312
<b>MICROSCOPIC EXAMINATIONS</b>					
Fingernail Scrapings	14	(1)	1		15
Gastric Contents	27	(3)			27
Hair			21	6	27
Fibers	4		18	4	26
Paint	3		19	3	25
Miscellaneous	142		36	5	183
<b>STEREOMICROSCOPIC EXAMINATIONS</b>					
Powder grains	92	(20)			92
Miscellaneous	26			18	44
<b>PHYSICAL MATCH</b>	7		200		207
<b>HISTOLOGIC STUDIES</b>	12				12
<b>IDENTIFICATION PROCEDURES</b>	10	(3)	4	3	17
<b>LIGATURES</b>	21				21
<b>ITEMS INSPECTED-no relevant findings</b>	104	(28)	264	71	439
<b>TOTAL</b>	<b>3055</b>	<b>(166)</b>	<b>1667</b>	<b>284</b>	<b>5006</b>

# HISTOLOGY LABORATORY

**TABLE 95**

	CUYAHOGA COUNTY CORONER'S CASES	OTHER SOURCES	TOTAL
<b><u>TISSUE SPECIMENS RECEIVED FROM:</u></b>			
AUTOPSIES	1,245	48	1,293
BIOPSIES, ETC.	1		1
<b>TOTAL</b>	<b>1,246</b>	<b>48</b>	<b>1,294</b>
SECTIONS PREPARED	26,367	1,139	27,506
BLOCKS PREPARED	16,085	667	16,752
<b>TOTAL</b>	<b>42,452</b>	<b>1,806</b>	<b>44,258</b>
<b><u>SLIDES PREPARED AND STAINED:</u></b>			
ROUTINE HEMATOXYLIN - EOSIN	16,423	667	17,090
TEACHING SLIDES	45		45
<b><u>SPECIAL STAINS FOR DEMONSTRATION OF:</u></b>			
ACID FAST BACTERIA	11		11
AMYLOID	6		6
E.V.G.	8		8
IRON	15		15
GRAM	1		1
METHYLENE SILVER	15		15
P.A.S.	25		25
BONE MARROW	2		2
ARGENTAFFIN CELLS	3		3
<b>TOTAL</b>	<b>16,554</b>	<b>667</b>	<b>17,221</b>

# PHOTOGRAPHIC DEPARTMENT

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

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

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

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

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

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

The studies evaluating color photographic materials commercially available demonstrated that 35mm negative color film in bulk quantities satisfied all requirements cited above. In addition, this system provided unique advantages in providing wider exposure latitude and, also, permitting color control, after exposure, over a wide range of deviations. This color system has been used routinely by this department for a period of several years and has proven to be even more satisfactory than anticipated.

## PHOTOGRAPHIC DEPARTMENT REPORT

IDENTIFICATION PICTURES	3,195*
PICTURES OF BODIES AND EVIDENCE	14,200
5" x 7" COLOR PRINTS PRODUCED	10,976
COLOR SLIDES ADDED TO FILE	14,200

\* Includes 48 Out of County Cases.

## FORENSIC ODONTOLOGY

<b>EXAMINATIONS</b>	<b>CUYAHOGA COUNTY CORONER'S CASES</b>	<b>OTHER CORONER'S CASES</b>	<b>TOTAL</b>
<b>Cases examined</b>	<b>16</b>	<b>5</b>	<b>21</b>
<b>Dental charting</b>	<b>14</b>	<b>4</b>	<b>18</b>
<b>Intra-oral x-rays</b>	<b>13</b>	<b>3</b>	<b>16</b>
<b>Comparison with antemortem dental records</b>	<b>11</b>	<b>3</b>	<b>14</b>
<b>Extractions for histology and age estimations</b>	<b>1</b>	<b>4</b>	<b>5</b>
<b>Bite mark analysis</b>	<b>1</b>	<b>0</b>	<b>1</b>
<b>Full denture analysis or edentulous</b>	<b>1</b>	<b>0</b>	<b>1</b>

## 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.

Four hundred and seven radiographs were made in 1981.

# ANTHROPOLOGY REPORT

<b>NUMBER OF CUYAHOGA COUNTY CORONER'S CASES</b>	<b>3</b>
<b>POSITIVE IDENTIFICATION</b> (comparison of premortem abdomen films with the recovered pelvis)	<b>1</b>
<b>NO POSITIVE IDENTIFICATION</b> (preliminary estimates of age, sex and race)	<b>3</b>
<b>CAUSE OF DEATH DETERMINED</b>	<b>3</b>
<b>CASE FOR OTHER COUNTY</b>	<b>1</b>
<b>TOTAL CASES (4)</b>	

Development of specialized techniques for shoeprint identification made by bloodprints.

PUBLICATIONS BY MEMBERS AND ASSOCIATES OF THE STAFF  
OF THE CUYAHOGA COUNTY CORONER'S OFFICE FOR 1981.

1. Adelson, L. "Ethyl alcohol and the coroner." *Cleveland Physician*, 26 - 28, April 1981.
2. Adelson, L. "Alan Richards Moritz, M.D.: An appreciation." *Am. J. For. Med. and Path.*, 2: 297 - 298, December 1981.
3. Cooper, T.B., Bost, R., Sunshine, I. "Postmortem blood and tissue levels of loxapine and its metabolites" *J. Anal. Tox.* 5: 99 - 100, 1981.
4. Hiss, J., Zweig, A., Karasik, A. "Dirofilaria in a cervical lymph node in Israel." *Human Pathology* 12: 939 - 940, 1981.
5. Hiss, J., Bubis, J., Wolman, M. "The effect of levan on the migration of different white blood cells across blood-vessel walls." *Br. J. Exp. Path.* 62: 437 - 439, 1981.
6. Lovejoy, C. Owen. "But why walk erect?" *Odyssey*. 2: 12 - 14, 1981.
7. Lovejoy, C. Owen, and Heiple, K.G. "The analysis of fractures in skeletal populations with an example from the Libben Site, Ottawa County, Ohio." *American Journal of Physical Anthropology*, 1981.
8. Lovejoy, C. Owen, Lattimer, B.M., White, T.D., Kimbel, W.H., and Johanson, D.C. "The pygmy chimpanzee is not living missing link in human evolution." *Journal of Human Evolution*, 1981.
9. Lovejoy, C. Owen, Weinstein, R.S., Simmons, D.J. "Ancient bone disease in a peruvian mummy revealed by quantitative skeletal histomorphometry." *American Journal of Physical Anthropology* 1981.
10. Sunshine, Irving, editor, *Handbook of Spectrophotometric Data of Drugs*, CRC Press, Boca Raton, Florida 33431, 1981.
11. Sunshine, Irving, editor, *Handbook of Mass Spectra of Drugs*, CRC Press, Boca Raton, Florida 33431, 1981.
12. Sunshine, Irving, consulting editor, *Handbook of Chromatography*, Vol. 1 and Vol. 2, Ram Gupta, editor, CRC Press, Boca Raton, Florida 33431, 1981.
13. Zumwalt, R.E., Adelson, L., Campbell, B., Balraj, E., and Fransioli, M. "Wounding characteristics of "Shotshell" ammunition: A report of three cases." *J. For. Sci.* 26: 198 - 205, January 1981.



LECTURES GIVEN BY MEMBERS OF THE STAFF - 1981

LESTER ADELSON, M. D., Chief Deputy Coroner \*

- January: CWRU Law School Course in Medical Jurisprudence - "The Anatomy of Justice"
- February: CWRU Dental School - Course in Dental Jurisprudence - "Forensic Odontology"  
Cleveland Medical Library Association - "The Coroner of Elsinore: Medicolegal Reflections on Hamlet"
- March: Cleveland Metropolitan General Hospital Medical Staff - "Spontaneous Human Combustion and Preternatural Combustibility or How Much Personal Fire Insurance Should You Carry?"
- April: CWRU School of Medicine - Clinical Science Course - "Life and Death from the Perspective of a Forensic Pathologist"  
North East Ohio Psychiatric Association - "The Forensic Pathologist - Counsellor to the Bereaved"
- May: CWRU School of Medicine - Medical Student Speaker Series - "Alcoholism as the Forensic Pathologist Sees It"  
St. Alexis Hospital School of Nursing - "The Coroner's Office"
- June: Cuyahoga Community College - Criminalistics Class - "Medicolegal Evidence and The Autopsy Table"  
CWRU Center for Criminal Justice - Homicide Seminar - "Deaths from Cutting and Stabbing"  
CWRU Summer Symposium - The Health Sciences - "The Role and Activities of the Coroner's Office"
- July: Institute of Pathology House Staff - "Forensic Pathology"
- September: Rainbow Babies and Childrens Hospital Outpatient Department Staff - "The Management of Unexpected Infant Death in the Emergency Room"  
CWRU School of Law and Medicine Seminar - "A Medicine Man Looks at The Law"
- October: Parma Community General Hospital Staff - "Working Cooperatively with Your County Coroner"

LECTURES GIVEN BY MEMBERS OF THE STAFF - 1981

Lester Adelson, M.D. (continued)

- November: CWRU Law School Academy - Debate on "Gun Control"  
Cleveland Urban Area Health Education Center - "The Fatally Abused Child"  
Alpha Omega Dental Fraternity - "The Coroner and the Dentist"
- December: CWRU School of Medicine Course - Functional Anatomy for Lawyers - "The Coroner's Office as a source of Mediollegal Evidence"

Elizabeth Balraj, M. D. , Deputy Coroner

- June: Homicide Investigation (three lectures)
- September: Cleveland Metropolitan General Hospital Resident Physicians
- November: St. Joseph's Academy High School students  
Police Officers graduating class, Cleveland, Ohio

Robert Challener, M. D., Deputy Coroner

Basic Police School - 1981

Irving Sunshine, Ph.D. - Chief Toxicologist

- February: Visiting Nurses Association - "Prevent Poisoning"  
Received Gettler Award of the Toxicology Section of the Academy of Forensic Sciences at its annual meeting
- March: Speaker at Toxicology Symposium at the Pittsburg Analytical Chemistry Conference in Atlantic City
- April: Lecture on Toxicology at Cleveland State University Graduate School - twice
- June: Kiwanis Club, Cleveland Engineering Society  
Syva Corp, Palo Alto, California, - Recent application of enzyme multiplied immunoassay technique  
Seminar at University of California, San Francisco, for Pharmacology Department
- August: Lecture at Medical Legal Institute, Salzburg, Austria
- September: Plenary Session Speaker at International Congress of Clinical Chemistry, Vienna, Austria  
Lecture, Institute Medicine Legale, Padua, Italy

LECTURES GIVEN BY MEMBERS OF THE STAFF -- 1981

Irving Sunshine, Ph.D. (continued)

Lecture, Institute Medicine Legale, Florence, Italy

Lecture, Institute Medicine Legale, Melan, Italy

Lecture, Institute Rechtsmedizin, Zurich, Switzerland

Seminar, Recent Developments in Toxicology, for Belgian Toxicologists in Brussels, Belgium

Robert O. Bost, Ph.D. -- Assistant Toxicologist \*

Police Academy Recruits (twice)

March:

East High School Chemistry Class, Cleveland, Ohio  
"Qual and Quant Chemistry in Drug Analysis"

April:

Cleveland Public School Security Guards -- "The Coroner's Office and the Toxicology Lab"

July:

Police Academy Recruits (twice) -- "What The Toxicology Lab Wants from You"

September:

Police Academy Recruits

November:

Warner-Lambert, Ann Arbor, Michigan -- "Analytical Toxicology"

South East Amateur Radio Club -- "The Coroner's Office / Slide Tour"

December:

Police Academy Recruits (twice)

Suburban Police Basic Class

John Blocher -- Administrative Assistant to the Coroner -- BS Degree -- Peace Officer Training Council Certification

March:

Metropolitan Park Rangers

Cleveland Police Basic Police School

April:

Cleveland Public School Security Guards

May:

Euclid Police School

LECTURES GIVEN BY MEMBERS OF THE STAFF -- 1981

Kathleen Mahon -- Recording Clerk

November: Lecture to Manor Care Nursing Home

Joe Monzel -- Property Clerk -- Peace Officer Training Council Certificate

July: Police Academy Recruits (twice)

September: Police Academy Recruits

December: Suburban Police Recruits

Police Academy Recruits

Mary E. Cowan -- Senior Medical Technologist -- BS Degree \*

February: Bedford Lions Club

March: Metropolitan Park Rangers

Collinwood High School Students

April: Basic Police School (CCJ--CWRU) (twice)

Kirtland High School Class

Bedford Book Club

May: Kirtlandia Club -- Cleveland Museum of Natural History

Euclid Police

Manpower

Medical Students -- Legal Medicine

June: Homicide Investigation (CCJ--CWRU)

August: Upward Bound

September: Law Class, Case Western Reserve University

Dental -- Medical Assistants' School

October: Prosecutors

John Marshall High School Students

Alpha Phi International Fraternity

LECTURES GIVEN BY MEMBERS OF THE STAFF - 1981

Barbara Campbell - Medical Technologist - BA Degree \*

- January: Cuyahoga County Sheriff's Academy
- March: North Olmsted Evidence Team
- April: North Olmsted Evidence Team  
66th Basic Police School (twice)
- June: State Meeting Histotechnologists  
Ohio HSO Continuing Education Program  
Homicide Seminar  
A.S.C.P. Medical Technologists
- August: Cleveleland Metropolitan General Hospital Blood Bank Students
- October: Medical Technologists Assistants
- November: Criminal Investigation  
67th Basic Police School (three times)  
Brecksville Volunteer Fire Department  
North Olmsted Evidence Team
- December: North Olmsted Evidence Team

Linda Luke - Electrophoresis Technician - BS Degree \*

- August: Cleveland Metropolitan General Hospital Blood Bank Students
- October: Medical Technologists Assistants  
John Marshall High School Students  
Magnificat High School Students
- November: 67 Basic Police School - CWRU

**LECTURES GIVEN BY MEMBERS OF THE STAFF -- 1981**

**Sharon Rosenberg -- Medical Technologist -- BS Degree \***

<b>April:</b>	<b>CWRU Basic Police School</b>
	<b>Cleveland Police Basic Police School</b>
<b>June:</b>	<b>Cleveland Police Basic Police School (twice)</b>
<b>November:</b>	<b>CWRU Basic Police School</b>
	<b>Medina Basic Police School</b>

**\* Police Officer Training Council Certification**

**CORRELATED, ASSEMBLED AND PREPARED BY:**

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**Barbara Harrell**

**Elizabeth Tidwell**

**MEDICAL LIBRARIAN**

**Patricia A. Riebau**

**PHOTOGRAPHY DEPARTMENT**

**Joseph Collins**

**Bernadette Juszczak**

**David Simmerer**

# ALCOHOL EFFECTS ON BRAIN DEMONSTRATED PICTORIALLY

