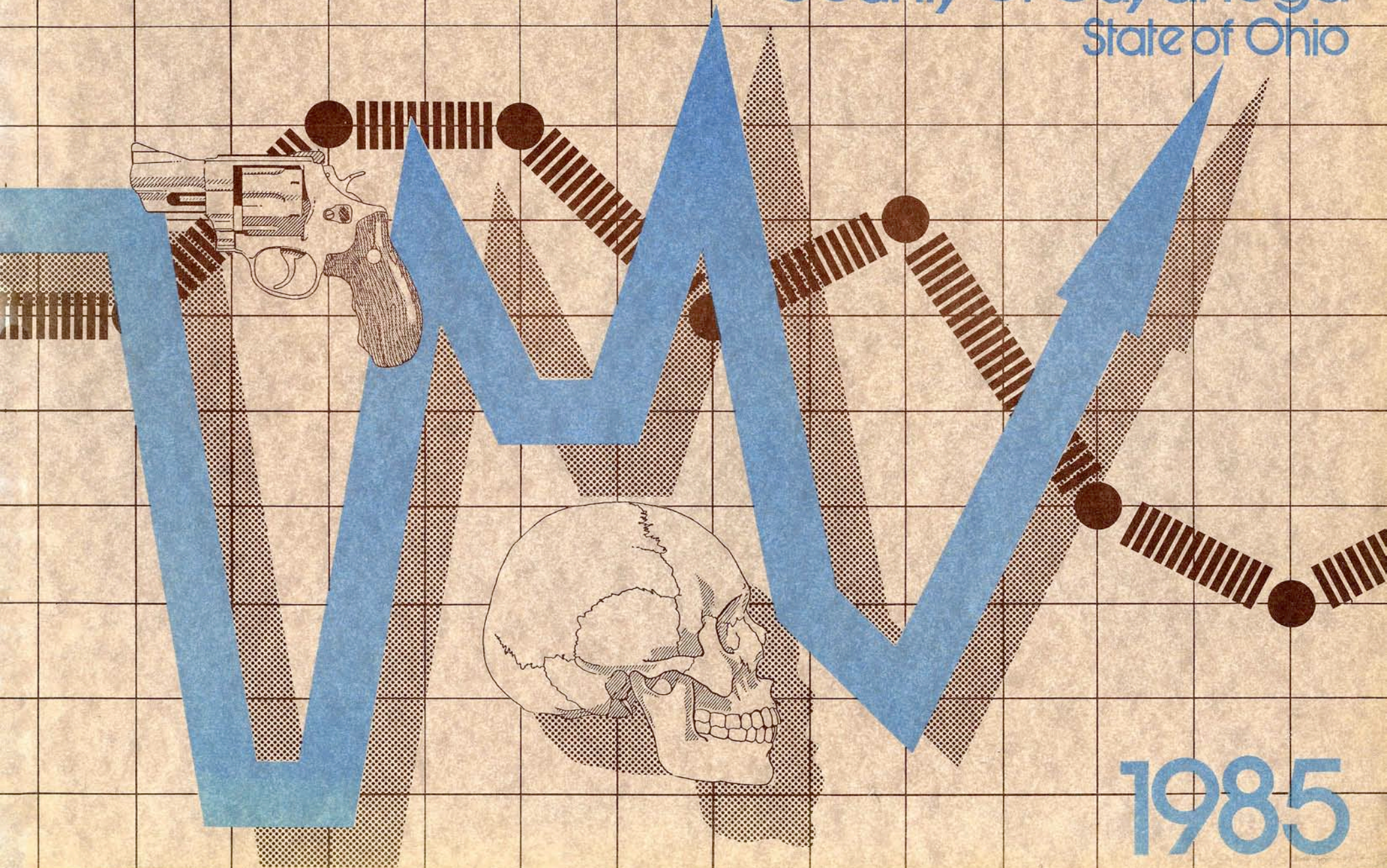


# Coroner's Statistical Report

County of Cuyahoga  
State of Ohio



1985







# COUNTY OF CUYAHOGA CORONER'S STATISTICAL REPORT

1985

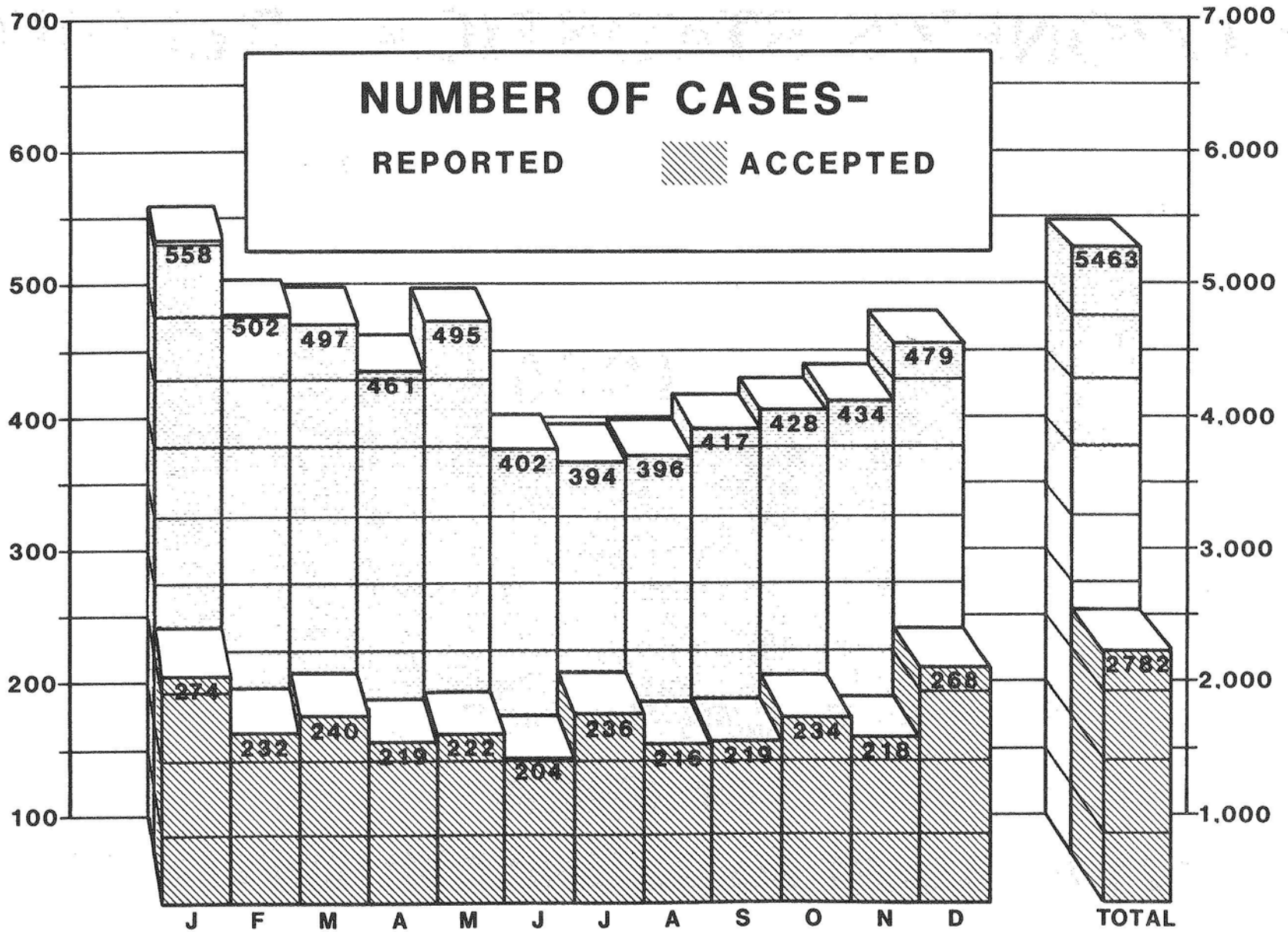
S. R. GERBER, M.D., J.D.

CORONER

2121 ADELBERT RD., CLEVELAND, OHIO 44106



# 1985





# TABLE OF CONTENTS

	PAGE NO.		PAGE NO.
NUMBER OF CASES REPORTED AND NUMBER OF CASES ACCEPTED – INSIDE TITLE PAGE		F Distribution of Selected Coroner's Cases in Each Municipality – County of Cuyahoga	27
LETTER OF TRANSMITTAL	1	G Deaths in County, Deaths Reported to Coroner, Cases Received 1943 – 1985	29
FOREWORD	3	1 Summary of All Fatalities by Type and Location with Some Miscellaneous Data	36
WHAT IS A CORONER'S CASE?	4	2 Total Cases by Month and Type of Fatality	37
CORONER'S STAFF	14	3 Autopsy by Month and Type of Fatality	38
POPULATION OF CUYAHOGA COUNTY	32	4 Total Cases by Age Groups and Type of Fatality	38
SUMMARY	35	5 Autopsies by Age Groups and Type of Fatality	39
ACCIDENTS IN THE HOME	45	6 Geographical Location – All Fatalities	40
ACCIDENTS WHILE AT WORK	59	7 Geographical Location – All Fatalities	41
ACCIDENTS IN OTHER PLACES	67	7A Geographical Location – All Fatalities	42
VEHICULAR ACCIDENTS	79	8 Accidental Fatalities by Month	43
HOMICIDES	117	9 Homicides, Suicides and Violence of Undetermined Origin – Fatalities by Month	44
SUICIDES	127		
VIOLENCE OF UNDETERMINED ORIGIN	137	ACCIDENTS IN THE HOME	
NATURAL CAUSES	141	10 Fatalities Resulting from Accidents in the Home – Monthly Alcohol Incidence	48
ABORTIONS	149	11 Age – Race – Alcohol Incidence	49
NEONATAL AND INTRA-UTERINE DEATHS UNDETERMINED CAUSES	151 155	12 Mode – Alcohol Incidence	50
TOXICOLOGY LABORATORY REPORTS	157	13 Mode – Alcohol Incidence	51
TRACE EVIDENCE LABORATORY REPORTS	173	13A Mode – Alcohol Incidence	52
HISTOLOGY LABORATORY REPORT	176	14 Mode – Alcohol Incidence	53
PHOTOGRAPHY DEPARTMENT REPORT	177	15 Mode – Age Groups	55
FORENSIC ODONTOLOGY REPORT	178	16 Falls – Alcohol Incidence	56
RADIOLOGY DEPARTMENT REPORT	179	17 Falls – Age Groups	57
ANTHROPOLOGY REPORT	180		
PUBLICATIONS	181	ACCIDENTS WHILE AT WORK	
LECTURES	184	18 Fatalities Resulting from Accidents While at Work – Monthly Alcohol Incidence	61
		19 Age – Race – Alcohol Incidence	62
TABLE		20 Mode – Alcohol Incidence	63
NO.		21 Mode – Alcohol Incidence	64
A Types of Fatalities and Miscellaneous Information – 1984 and 1985 Compared	22	22 Mode – Age Groups	65
B Types of Fatalities – Sex, Race, Autopsy	23	23 Falls – Alcohol Incidence	65
C Types of Fatalities – 1984 and 1985 Incidence Compared	24	24 Falls – Age Groups	66
D Types of Fatalities – Alcohol Incidence	25		
E Vehicular Fatalities – Daily Alcohol Incidence	26		



# TABLE OF CONTENTS (cont.)

TABLE NO.		PAGE NO.	TABLE NO.		PAGE NO.
<b>ACCIDENTS IN OTHER PLACES</b>					
25	Fatalities Resulting from Accidents in Other Places – Monthly Alcohol Incidence	70	55	Geographical Location – Type of Accident Classification of Victims (Villages, etc.)	107
26	Age – Race – Alcohol Incidence	71	56	Geographical Location – Type of Accident Classification of Victims (Out of County)	108
27	Mode – Alcohol Incidence	72	57	Hourly – Daily – Alcohol Incidence – All Cases	109
28	Mode – Alcohol Incidence	73	58	Hourly – Daily – Alcohol Incidence – Bicyclist	110
29	Mode – Alcohol Incidence	74	59	Hourly – Daily – Alcohol Incidence – Driver	111
30	Mode – Age Groups	75	59A	Hourly – Daily – Alcohol Incidence – Driver – Motorcyclist	112
31	Falls – Alcohol Incidence	76	60	Hourly – Daily – Alcohol Incidence – Passenger	113
32	Falls – Age Groups	77	61	Hourly – Daily – Alcohol Incidence – Pedestrian	114
<b>VEHICULAR ACCIDENTS</b>					
33	Classification of Victims – Alcohol Incidence	87	62	Hourly and Daily Incidence Arranged According to Driver, Passenger, Pedestrian	115
34	Monthly Alcohol Incidence	87	63	Hourly and Daily Incidence Arranged According to Pre-School, School and Adult Age Groups	116
35	Daily Alcohol Incidence	88	<b>HOMICIDES</b>		
36	Age – Race – Alcohol Incidence	89	64	Monthly Alcohol Incidence	119
37	Type of Accident – Alcohol Incidence	90	65	Age – Race – Alcohol Incidence	120
38	Non-Traffic – Alcohol Incidence	90	66	Mode – Alcohol Incidence	121
39	Traffic – Collision – Alcohol Incidence	91	67	Mode – Age Groups	121
39A	Traffic – Collision – Alcohol Incidence – Driver	92	68	Justifiable – Place of Occurrence–Circumstances– Assailants–Victims–Alcohol Incidence	122
39B	Traffic – Collision – Alcohol Incidence – Pedestrian	93	69	Non-Justifiable–Place of Occurrence– Home Circumstances–Assailants–Victims–Alcohol Incidence	123
39C	Traffic – Collision – Alcohol Incidence – Passenger	93	69A	Non-Justifiable–Place of Occurrence– Public Circumstances–Assailants–Victims– Alcohol Incidence	124
40	Traffic – Non-Collision – Alcohol Incidence	94	69B	Homicides in Cuyahoga County, 1961 – 1985 Moving Projected Annual Total	125 126
41	While at Work Vehicular Fatalities–Traffic and Non-Traffic – Monthly Alcohol Incidence	95	<b>SUICIDES</b>		
42	Weather Conditions – Alcohol Incidence	95	70	Monthly Alcohol Incidence	129
43	Road Conditions – Alcohol Incidence	96	71	Age – Race – Alcohol Incidence	130
44	Light Conditions – Alcohol Incidence	96	72	Mode – Alcohol Incidence	131
45	Classification of Victims – Age Groups	97	73	Mode – Alcohol Incidence	132
46	Month and Age Groups	97	74	Poisoning – Alcohol Incidence	133
47	Autopsies – Month and Age Groups	98	75	Mode – Age Groups	135
48	Major Injury and Survival Interval	99	76	Mode – Geographical Location and Marital Status	136
49	Major Injury and Survival Interval – Age Groups	100	<b>VIOLENCE OF UNDETERMINED ORIGIN</b>		
50	Major Injury and Survival Interval – Age Groups – Driver	101	77	Monthly Alcohol Incidence	138
51	Major Injury and Survival Interval – Age Groups – Passenger	102	78	Cause of Death – Alcohol Incidence	139
52	Major Injury and Survival Interval – Age Groups – Pedestrian	103	79	Age – Race – Alcohol Incidence	140
53	Major Injury and Survival Interval – Age Groups – Bicyclist	104			
54	Geographical Location – Type of Accident Classification of Victims (Cities)	105			



# TABLE OF CONTENTS (cont.)

TABLE NO.	NATURAL CAUSES	PAGE NO.	ILLUSTRATIONS	PAGE NO.
80	Monthly Alcohol Incidence	142	Types of Cases Received 1943 – 1985	16
81	International Code of Causes of Death by Month	143	Types of Cases Received 1985	17
82	Autopsies – International Code of Causes of Death by Month	144	Fatalities from Violence, Accidents, Homicides & Suicides	18-21
83	Month and Age Groups	145	Total of All Deaths in Cuyahoga County 1973 – 1984	33
84	Autopsies – Month and Age Groups	146	Yearly Average of Coroner's Cases 1974 – 1985	35
85	International Code of Causes of Death Listed by Age Groups	147	Monthly Average of Coroner's Cases – 1985	35
86	Autopsies – International Code of Causes of Death Listed by Age Groups	148	Accidents in the Home (Graphs)	45
	<b>ABORTIONS</b>		Fatalities Resulting from Accidents and Accidental Falls in the Home 1974 – 1985	47
87	Fatalities from Abortions by Month	150	Accidents While at Work (Graphs)	59
	<b>NEONATAL AND INTRA-UTERINE DEATHS</b>		Fatalities Resulting from Accidents and Accidental Falls While at Work 1974 – 1985	60
88	By Month and Age Groups	152	Accidents in Other Places (Graphs)	67
89	Autopsies – By Month and Age Groups	153	Fatalities Resulting from Accidents and Accidental Falls in Other Places 1974 – 1985	69
	<b>UNDETERMINED CAUSES</b>		Vehicular Accidents (Graphs)	79
90	Deaths from Undetermined Causes	156	Blood Alcohol Concentration by Weight	81
	<b>TOXICOLOGY LABORATORY REPORT</b>		Pharmacological Effects of Alcohol	82
91	Incidence of Poisonings (%) in Tested Individuals	157	Alcohol Effects on Brain Demonstrated Pictorially	83
91A	Incidence and Frequency of Positive Findings	158	Vehicular Fatalities, Daily Incidence (Graphs)	84
91B	Incidence of Analytes in Positive Cases	162	Vehicular Fatalities, Daily Alcohol Incidence (Graphs)	85
92	Number of Tests Performed	163	Vehicular Fatalities—Age Groups—Classification of Victims (Graphs)	86
92A	Proficiency Studies	165	Homicides (Graphs)	117
93	Substances Involved in Fatal Poisonings	166	Moving Projected Annual Total	126
93A	Carbon Monoxide Fatalities	169	Suicides (Graphs)	127
93B	Poisoning Fatalities 1974–1985	171	Violence of Undetermined Origin (Graphs)	137
	Incidence of Multiple Drug Ingestions	170	Natural Causes (Graphs)	141
	Trends in Fatal Poisonings	172	Abortions (Graphs)	149
	<b>OTHER LABORATORY REPORTS</b>		Neonatal and Intra-Uterine Deaths (Graphs)	151
94	Trace Evidence Laboratory Reports	173	Undetermined Causes (Graphs)	155
95	Histology Laboratory Reports	176	Incidence of Multiple Drug Ingestions	170
	Photography Department Report	177	Trends in Fatal Poisonings (Graphs)	172
	Forensic Odontology Report	178	<b>MAPS</b>	
	Radiology Department Report	179	Map 1 – Distribution of Coroner's Cases per 1,000 Population	31
	Anthropology Report	180	Map 2 – Distribution of Fatalities from Accidents in the Home	46
	Publications	181	Map 3 – Distribution of Accidents in Other Places	68
	Lectures	184	Map 4 – Distribution of Vehicular Fatalities	80
			Map 5 – Distribution of Homicides	118
			Map 6 – Distribution of Suicides	128
			Coding is classified in Volume 1 and 2: Ninth Revision of the Internal Classification of Diseases, World Health Organization.	









**County of Cuyahoga**  
CORONER'S OFFICE

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

**AUGUST, 1986**

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

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





# FOREWORD

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

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

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

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

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



# What is a Coroner's case?

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

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

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

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

## AVAILABILITY OF PUBLIC RECORDS

Section 149.43 (A) As used in this section:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

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

#### SECTION 313.141. FIREARMS

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

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

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

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

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

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

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



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

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

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

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

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

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

**PERSONAL INFORMATION SYSTEMS**

**EXEMPTIONS**

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

#### **2108.30 Determination that death has occurred; immunity of physician.**

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

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

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

#### **REMOVAL OF DONOR EYES FOR CORNEAL TRANSPLANTS**

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

- (1) "Cornea" or "corneas" includes corneal tissue.
- (2) "Eye bank" means a nonprofit corporation that is or-

ganized under the laws of this state, the purposes of which include obtaining, storing, and distributing corneas to be used for corneal transplants or other medical or medical research purposes, and that is exempt from federal taxation under subsection 501 (c) of the Internal Revenue Code.

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

(4) "Eye technician" means a person authorized by the medical director of an eye bank to remove the corneas of a decedent.

(5) "Internal revenue code" means the "internal revenue code of 1954," 68A STAT. 3, 26 U.S.C. 1, as amended.

(B) A county coroner who performs an autopsy pursuant to section 313.13 of the Revised Code, may remove one or both corneas of the decedent, or a coroner may authorize a deputy coroner, physician or surgeon licensed pursuant to section 4731.14 of the Revised Code, embalmer authorized under section 2108.071 of the Revised Code to enucleate eyes, or eye technician to remove one or both corneas of a decedent whose body is the subject of an autopsy performed pursuant to section 313.13 of the Revised Code, if all of the following apply:

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

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

(3) The removal of the corneas and gift to the eye bank do not alter a gift made by the decedent or any other person authorized under this chapter to an agency or organization other than the eye bank;

(4) The coroner at the time he removes or authorizes the removal of the corneas, has no knowledge of an objection to the removal by any of the following:

(a) The decedent, as evidenced in a written document executed during his lifetime;

(b) The decedent's spouse;

(c) If there is no spouse, the decedent's adult children;

(d) If there is no spouse and no adult children, the decedent's parents;

(e) If there is no spouse, no adult children, and no parents, the decedent's brothers or sisters;

(f) If there is no spouse, no adult children, no parents, and no brothers or sisters, the guardian of the person of the decedent at the time of death;



(g) If there is no spouse, no adult children, no parents, no brothers or sisters, no guardian of the person of the decedent at the time of death, any other person authorized or under obligation to dispose of the body.

(C) Any person who acts in good faith under this section and without knowledge of an objection, as described in division (B)(4) of this section, to the removal of corneas is not liable in any civil or criminal action based on the removal.

**PHYSICAL ABUSE AND NEGLECT OF CHILDREN**

**(BATTERED CHILD SYNDROME)**

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

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

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

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

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

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

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

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

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

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

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

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



tion shall be made in cooperation with the law enforcement agency. The county department of welfare or children services board shall report each case to a central registry which the state department of public welfare shall maintain in order to determine whether prior reports have been made in other counties concerning the child or other principals in the case. The department or board shall submit a report of its investigation, in writing to the law enforcement agency.

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

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

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

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

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

There shall be placed on file with the juvenile court in each county and the department of public welfare an initial plan of cooperation jointly prepared and subscribed to by a committee consisting of the county peace officer, all chief municipal peace officers within the county, the prosecuting attorney of the county and the director of law of each city, and the children services board or county welfare department exer-

cising the children services function as convened by the county welfare director. The plan shall set forth the normal operating procedure to be employed by all concerned officials in the execution of their respective responsibilities under this section and section 2151.41 of the Revised Code. The plan shall include a system for cross-referral of reported cases of abuse and neglect as necessary, and shall also include the name and title of the official directly responsible for making reports to the central registry.

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

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

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

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

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

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

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

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

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



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

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

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

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

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

#### WHO SIGNS THE DEATH CERTIFICATE?

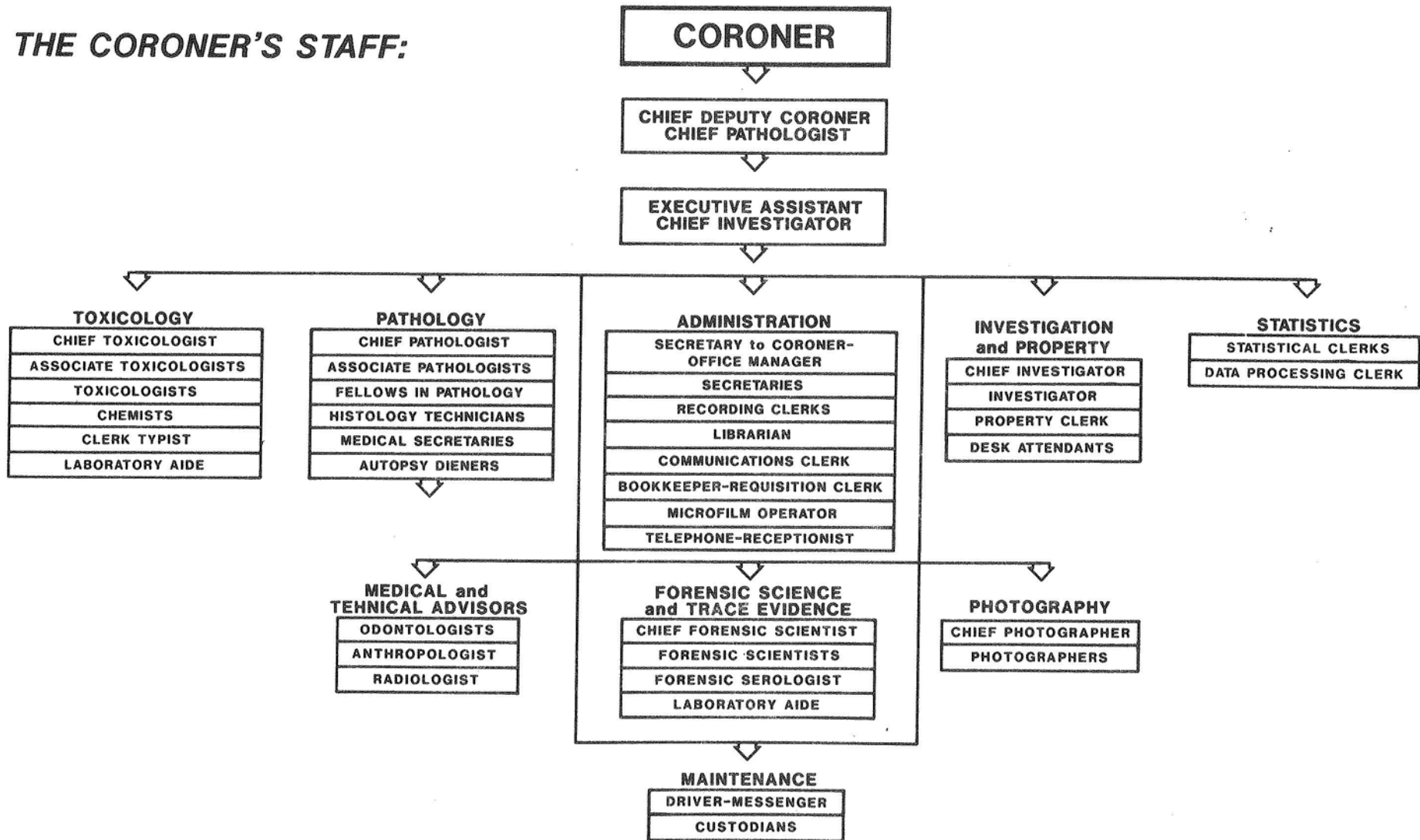
Section 3705.27. The personal and statistical particulars in the certificate of death or stillbirth shall be obtained by the funeral director or other person in charge of interment or cremation from the best qualified persons or sources available. The statement of facts relating to the disposition of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

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





**THE CORONER'S STAFF:**



# THE CORONER'S STAFF

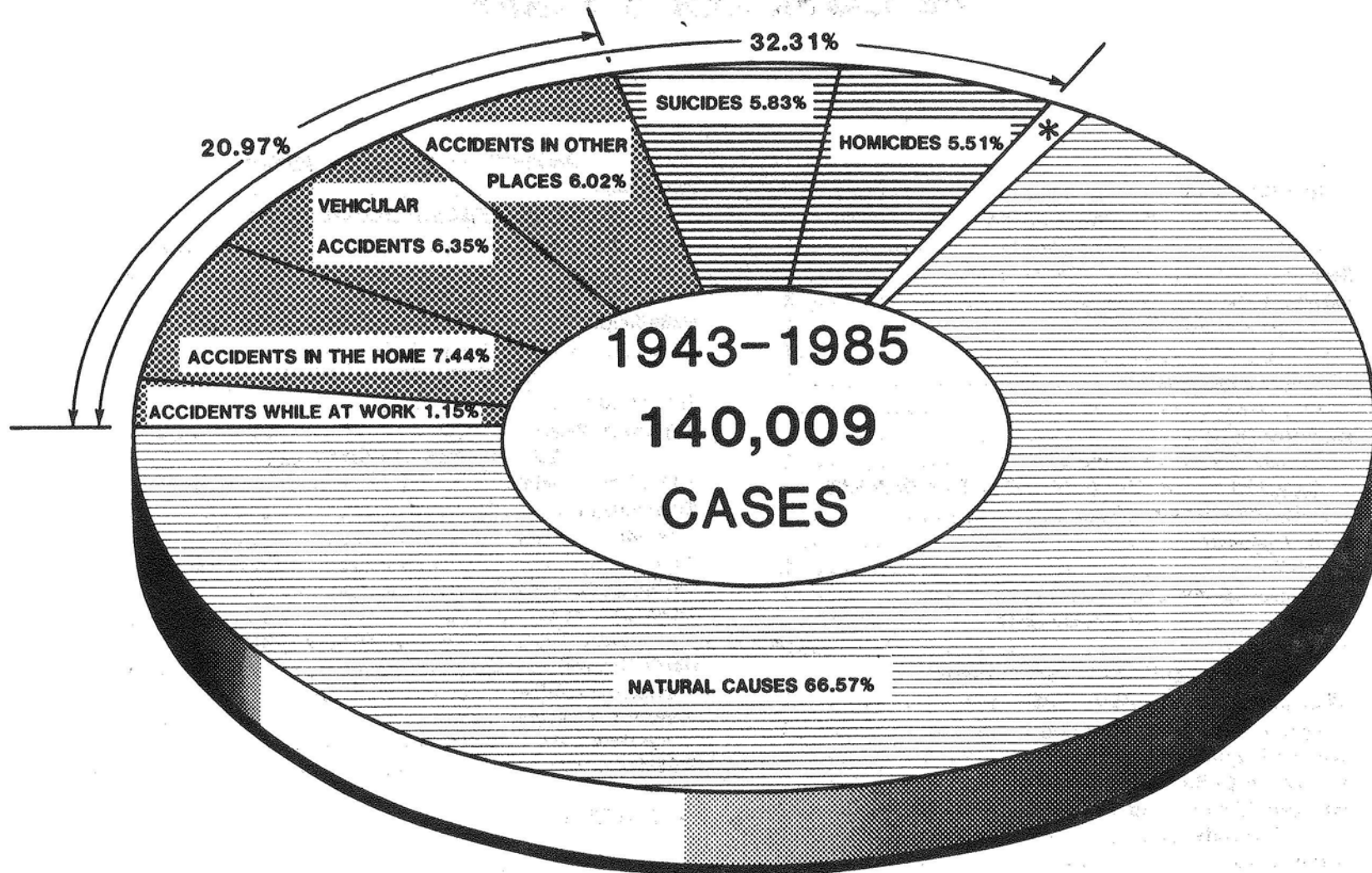
<b>CORONER</b> .....	1
<b>ADMINISTRATION</b>	
Executive Assistant-Chief Investigator.....	1
Secretary to Coroner-Office Manager.....	1
Secretaries.....	2
Clerk Specialists.....	6
Librarian.....	1
Communications Clerk.....	1
Bookkeeper-Requisition Clerk.....	1
Microfilm Operator.....	1
Telephone Operator-Receptionist.....	1
<b>INVESTIGATION AND PROPERTY DEPARTMENT</b>	
Investigator-Property Clerks.....	2
Desk Attendants.....	8
Custodians.....	2
Driver-Messenger.....	1
<b>ODONTOLOGY</b>	
Odontologist.....	2*
<b>PATHOLOGY DEPARTMENT</b>	
Chief Deputy Coroner-Chief Pathologist.....	1
Deputy Coroner - Pathologists.....	2
Associate Pathologist.....	1
Fellow in Pathology.....	1
Histology Technicians.....	2
Medical Secretaries.....	2&1*
Autopsy Dieners.....	3&1*

<b>ANTHROPOLOGY DEPARTMENT</b>	
Anthropologist.....	1*
<b>PHOTOGRAPHIC DEPARTMENT</b>	
Chief Photographer.....	1
Photographers.....	2
<b>RADIOLOGY</b>	
Radiologist.....	1*
(Technician-Autopsy Diener Included above)	
<b>STATISTICAL DEPARTMENT</b>	
Statistical Clerks.....	2
Technical Typist.....	1
<b>TOXICOLOGY DEPARTMENT</b>	
Chief Toxicologist.....	1
Toxicologist I.....	2
Toxicologist II.....	3
Chemists.....	3
Technical Typist.....	1
Laboratory Aide.....	1
<b>FORENSIC SCIENCE AND TRACE EVIDENCE</b>	
Chief Forensic Scientist.....	1
Forensic Scientists.....	2
Forensic Serologist.....	1
Laboratory Aide.....	1
<b>TOTAL</b> .....	63 & 6*

\* Part Time



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

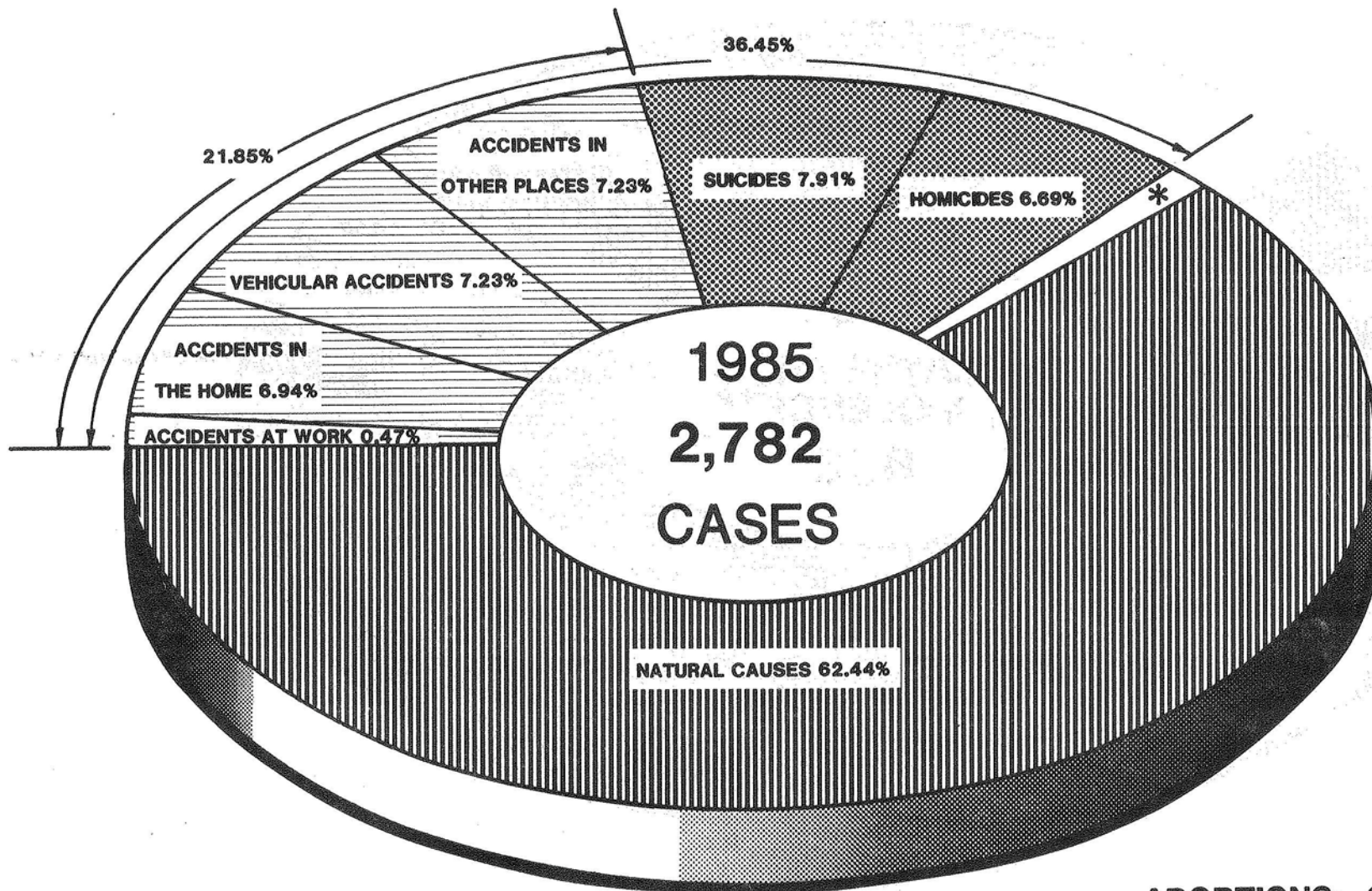


**DEATHS FROM VIOLENCE: 32.83%**  
**DEATHS FROM NATURAL CAUSES: 67.17%**

<b>ABORTIONS:</b>	<b>0.05%</b>	}
<b>UNDETERMINED CAUSES:</b>	<b>0.16%</b>	
<b>VIOLENCE OF UNDETERMINED ORIGIN:</b>	<b>0.53%</b>	
<b>NEONATAL AND INTRAUTERINE DEATHS:</b>	<b>0.39%</b>	



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



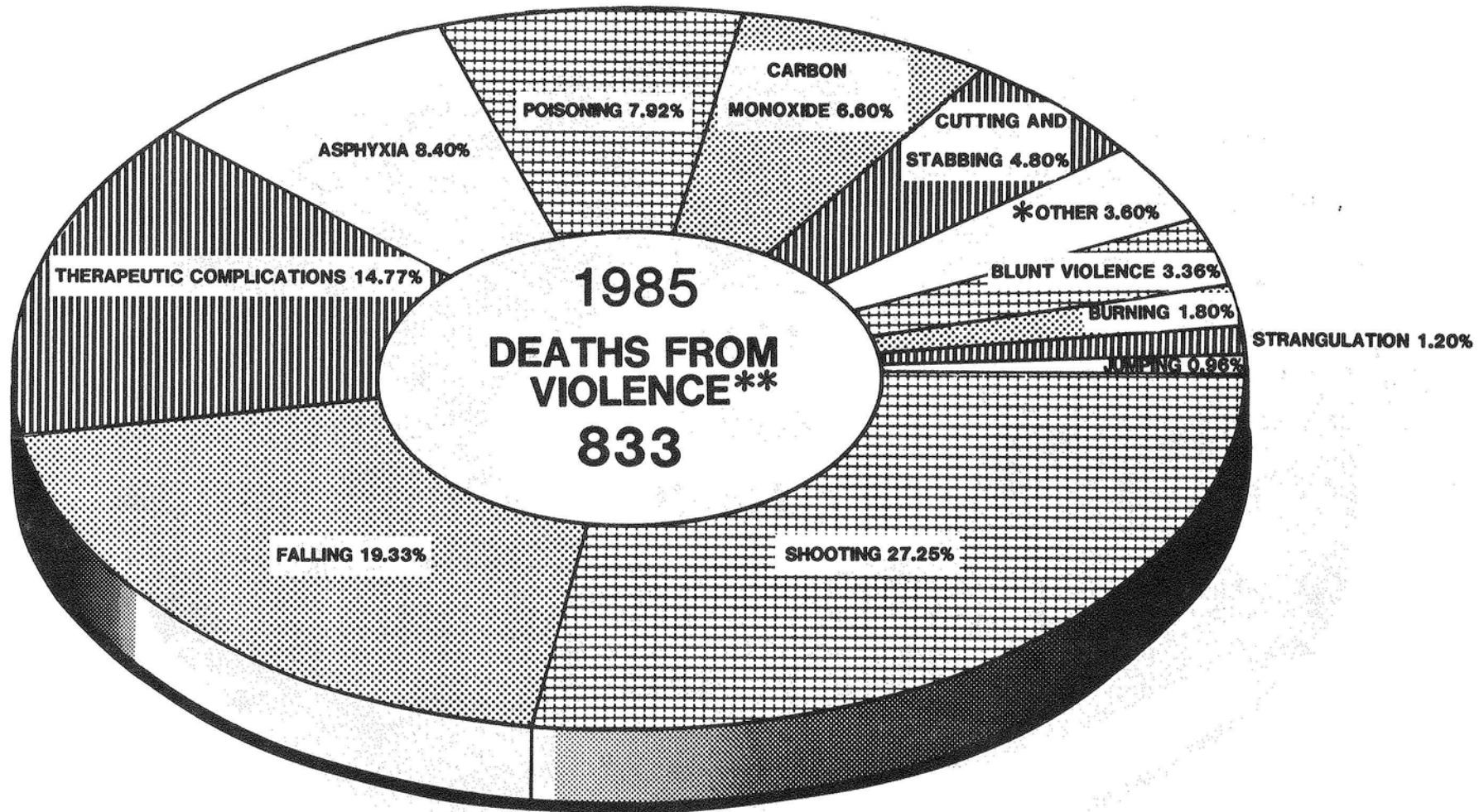
**DEATHS FROM VIOLENCE: 37.17%**  
**DEATHS FROM NATURAL CAUSES: 62.83%**

	<b>ABORTIONS: 0.00%</b>	} *
	<b>UNDETERMINED CAUSES: 0.18%</b>	
<b>VIOLENCE OF UNDETERMINED ORIGIN: 0.72%</b>		
<b>NEONATAL AND INTRAUTERINE DEATHS: 0.22%</b>		



# FATALITIES RESULTING FROM VIOLENCE

## MODE OF OCCURRENCE 1985



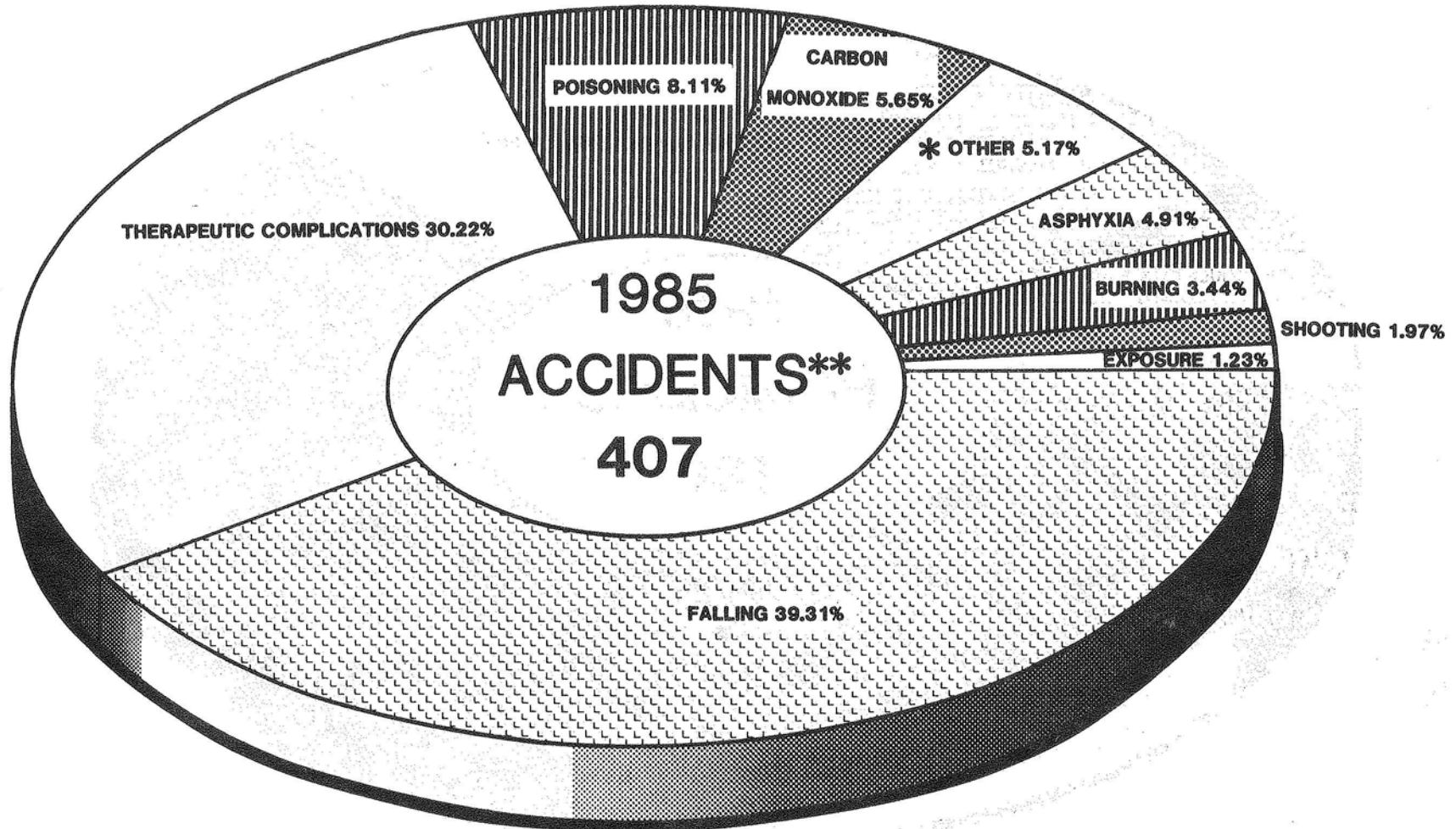
\* ARSON, CRUSHING, ELECTROCUTION, EXPOSURE, STRUCK BY MOTOR VEHICLE, STRUCK BY OBJECT, STRUCK BY TRAIN, UNDETERMINED MODE AND OTHERS.

\*\* EXCLUDING VEHICULAR ACCIDENTS.



# FATALITIES RESULTING FROM ACCIDENTS

## MODE OF OCCURRENCE 1985

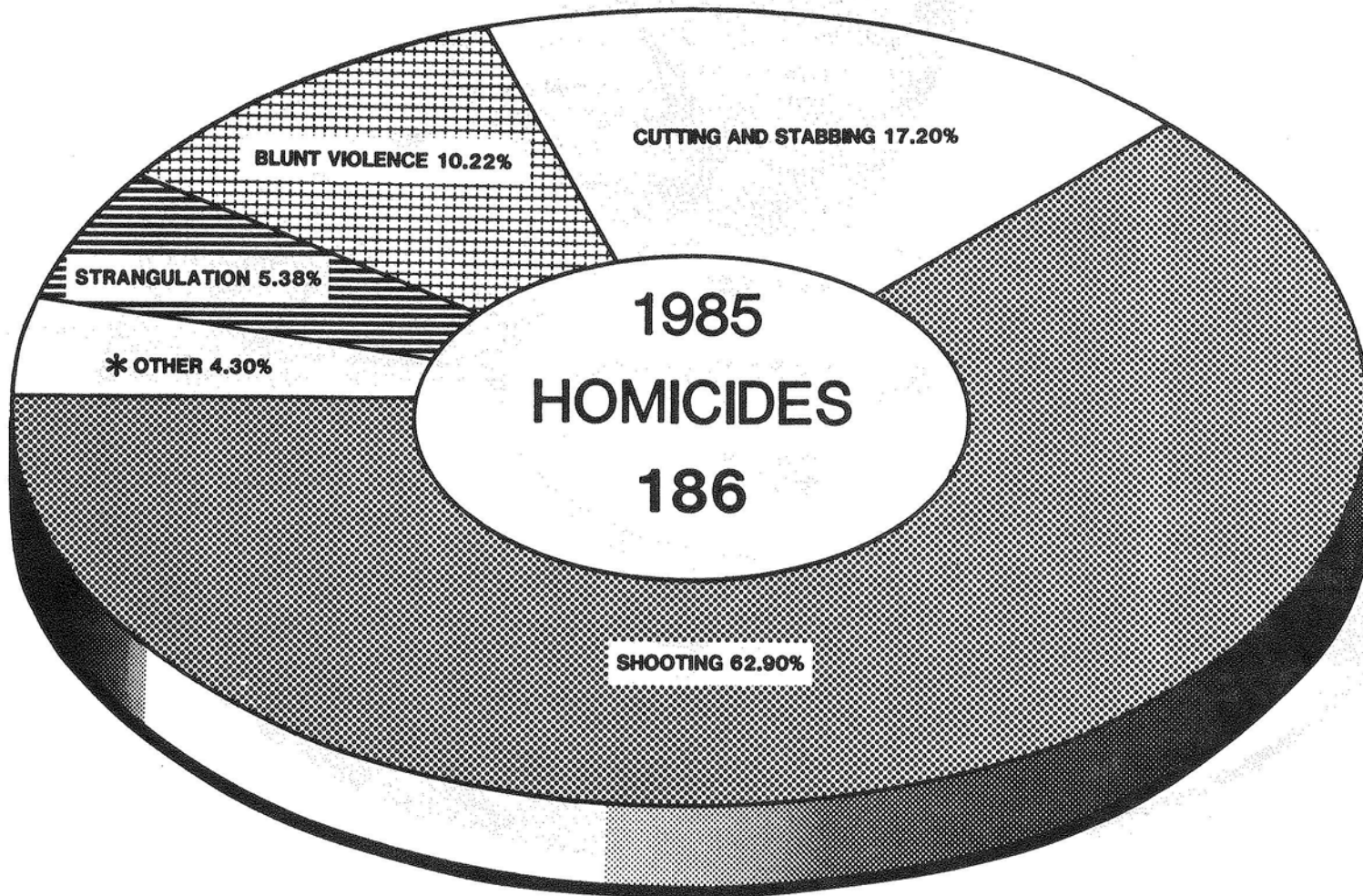


\* CORONARY EPISODE RESULTING FROM HOUSE FIRE, CUTTING AND STABBING, CRUSHING, ELECTROCUTION, FRACTURED HIP WHILE BEING TURNED IN BED, HIT HEAD DURING SEIZURE, JUMPING, STRUCK BY OBJECT, STRUCK BY TRAIN, WEDGED BETWEEN RAIL AND BED AND UNDETERMINED.

\*\* EXCLUDING VEHICULAR ACCIDENTS.



**FATALITIES RESULTING FROM HOMICIDES**  
**MODE OF OCCURRENCE 1985**

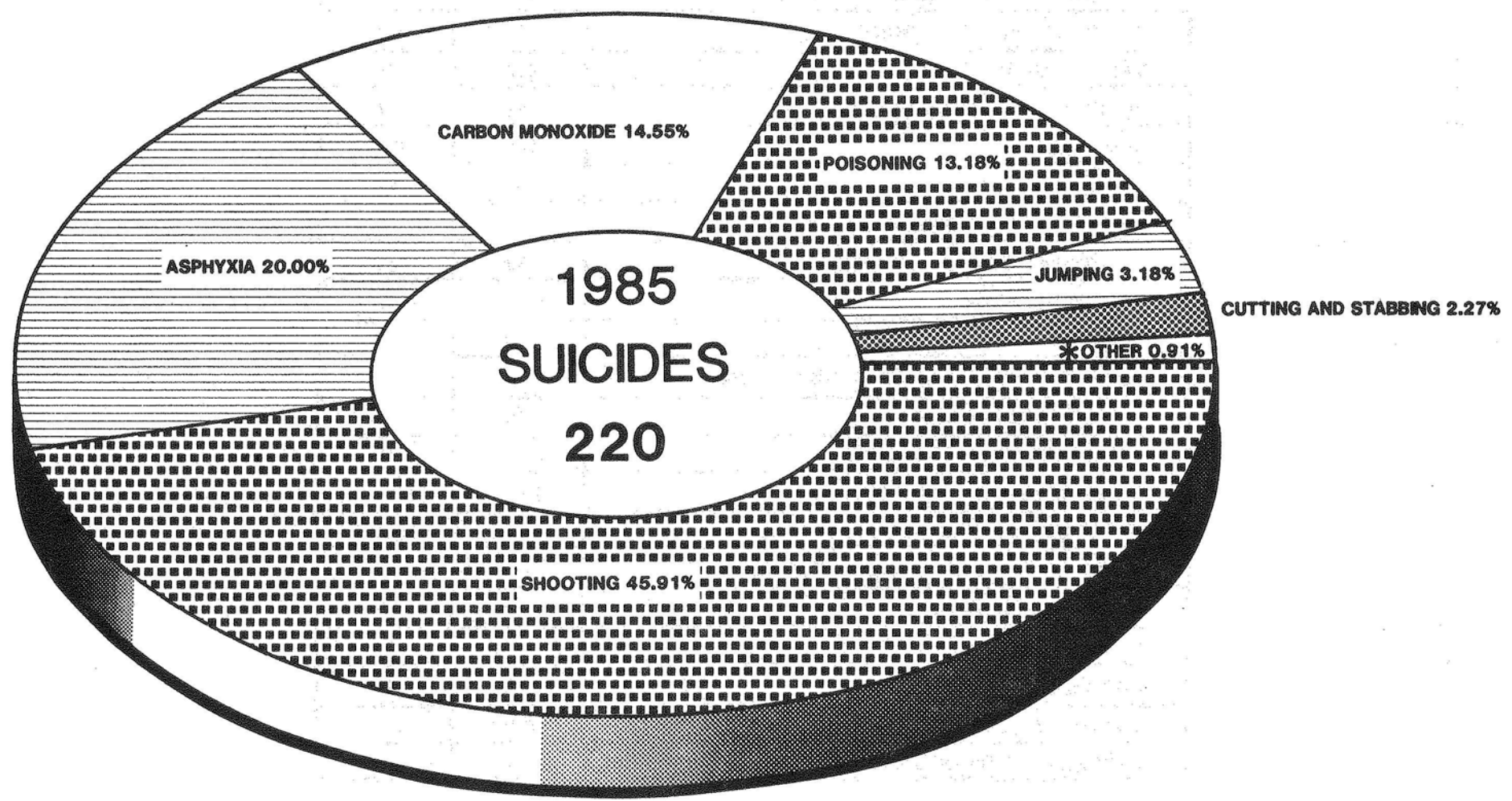


\* ARSON, DROWNING, STRUCK BY MOTOR VEHICLE AND JUMPED FROM WINDOW.



# FATALITIES RESULTING FROM SUICIDES

## MODE OF OCCURRENCE 1985



\* BURNING AND JUMPED IN FRONT OF TRAIN.



# TYPES OF FATALITIES AND MISCELLANEOUS INFORMATION 1984 AND 1985

**TABLE A**

	1984	1985
ACCIDENTS IN THE HOME	208	193
ACCIDENTS WHILE AT WORK	21	13
VEHICULAR ACCIDENTS	217	201
ACCIDENTS IN OTHER PLACES	221	201
HOMICIDES	202	186
SUICIDES	208	220
VIOLENCE OF UNDETERMINED ORIGIN	16	20
<b>TOTAL VIOLENT DEATHS</b>	<b>1093</b>	<b>1034</b>
NATURAL CAUSES	1808	1737
ABORTIONS	0	0
NEONATAL AND INTRA-UTERINE DEATHS	5	6
UNDETERMINED CAUSES	16	5
CASES REPORTED - ADMITTED	2922	2782
CASES REPORTED - NOT ADMITTED	2346	2681
AUTOPSIES (HOSPITAL INCLUDED)	1579*	1413**
AUTOPSIES-Performed For Other Counties	73	35
UNIDENTIFIED BODIES	3	3
UNIDENTIFIED FOETUSES	1	0
IDENTIFIED AND UNCLAIMED	18	44
DEATHS IN CUYAHOGA COUNTY	15,666	N.A.
PERCENTAGE OF DEATHS ADMITTED	19%	N.A.

\* Includes 122 Autopsies performed at hospitals

\*\* Includes 112 Autopsies performed at hospitals

Deaths in Cuyahoga County for 1985 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	193	110	83	144	49	124	4.46
ACCIDENTS WHILE AT WORK	13	13	0	11	2	12	0.43
VEHICULAR ACCIDENTS	201	132	69	168	33	201	7.23
ACCIDENTS IN OTHER PLACES	201	113	88	157	44	126	4.53
HOMICIDES	186	137	49	69	117	184	6.61
SUICIDES	220	170	50	178	42	214	7.69
VIOLENCE OF UNDETERMINED ORIGIN	20	9	11	11	9	20	0.72
NATURAL CAUSES	1737	1073	664	1170	567	522	18.76
ABORTIONS	0					0	0.00
NEONATAL AND INTRA-UTERINE DEATHS	6	4	2	4	2	5	0.18
UNDETERMINED CAUSES	5	3	2	3	2	5	0.18
<b>TOTAL</b>	<b>2782</b>	<b>1764</b>	<b>1018</b>	<b>1915</b>	<b>867</b>	<b>1413</b>	<b>50.79</b>

\* Includes 112 Autopsies performed at hospitals



## TYPES OF FATALITIES - 1984 AND 1985 INCIDENCE COMPARED

**TABLE C**

	PERCENTAGE OF TOTAL CASES ADMITTED	
	1984	1985
ACCIDENTS IN THE HOME	7.19	6.94
ACCIDENTS WHILE AT WORK	0.72	0.47
VEHICULAR ACCIDENTS	7.43	7.23
ACCIDENTS IN OTHER PLACES	7.56	7.23
HOMICIDES	6.91	6.69
SUICIDES	7.12	7.91
VIOLENCE OF UNDETERMINED ORIGIN	0.55	0.72
<b>TOTAL OF VIOLENT DEATHS</b>	<b>37.41</b>	<b>37.17</b>
NATURAL CAUSES	61.88	62.44
ABORTIONS	0.00	0.00
NEONATAL AND INTRA-UTERINE DEATHS	0.17	0.22
UNDETERMINED CAUSES	0.55	0.18

# 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	193	104	53.89	25	24.04
ACCIDENTS WHILE AT WORK	13	11	84.62	2	18.18
VEHICULAR ACCIDENTS	201	153	76.12	64	41.83
ACCIDENTS IN OTHER PLACES	201	44	21.89	13	29.55
TOTAL	608	312	51.32	104	33.33
HOMICIDES	186	171	91.94	73	42.69
SUICIDES	220	201	91.36	68	30.91
VIOLENCE OF UNDETERMINED ORIGIN	20	16	80.00	6	37.50
TOTAL	1034	700	67.70	251	24.27
NATURAL CAUSES	1737	1402	80.71	128	9.13
ABORTIONS	0	0	0.00	0	0.00
UNDETERMINED CAUSES	5	2	40.00	1	50.00



# VEHICULAR FATALITIES DAILY ALCOHOL INCIDENCE

**TABLE E**

DAY	MOTORCYCLIST(1)		DRIVER (2)		PASSENGER (3)		PEDESTRIAN (4)		TOTAL	
	TESTED	POSITIVE	TESTED	POSITIVE	TESTED	POSITIVE	TESTED	POSITIVE	TESTED	POSITIVE
SUNDAY	1	1	6	3	9	4	2	1	18	9
MONDAY	4	2	8	3	5	2	5		22	7
TUESDAY	1		11	2	1		5	2	18	4
WEDNESDAY	2		7	2	6	1	6	2	21	5
THURSDAY	1	1	10	7	5		5		21	8
FRIDAY	4	3	12	5			3		19	8
SATURDAY	2		15	12	6	4	10	7	33	23
<b>TOTAL</b>	<b>15</b>	<b>7</b>	<b>69</b>	<b>34</b>	<b>32</b>	<b>11</b>	<b>36</b>	<b>12</b>	<b>152</b>	<b>64</b>

(1) SEE TABLE 59 - A

(2) SEE TABLES 58 AND 59

(3) SEE TABLE 60

(4) SEE TABLE 61

# SUMMARY CHART

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

### COUNTY OF CUYAHOGA

**TABLE F**

CITIES	TOTAL INSIDE CASES		NATURAL CAUSES		HOME, WORK AND OTHER FATALITIES		VEHICULAR FATALITIES		HOMICIDE		SUICIDE	
	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases
Cleveland	1553	55.82	969	62.40	244	15.71	84	5.41	146	9.40	89	5.73
Bay Village	5	0.18	1	20.00	2	40.00	1	20.00			1	20.00
Beachwood	9	0.32	3	33.33	4	44.44	2	22.22				
Bedford	33	1.19	21	63.64	5	15.15	3	9.09	1	3.03	3	9.09
Bedford Heights	8	0.29	6	75.00			1	12.50			1	12.50
Berea	14	0.50	4	28.57	7	50.00	1	7.14			2	14.29
Brecksville	10	0.36	6	60.00	1	10.00	1	10.00			1	10.00
Broadview Heights	11	0.40	5	45.45	2	18.18	3	27.27			1	9.09
Brooklyn	8	0.29	5	62.50	1	12.50					2	25.00
Brook Park	11	0.40	2	18.18	2	18.18	3	27.27			4	36.36
Cleveland Heights	46	1.65	19	41.30	11	23.91	3	6.52	3	6.52	10	21.74
East Cleveland	105	3.77	77	73.33	14	13.33	2	1.90	9	8.57	3	2.86
Euclid	114	4.10	80	70.18	12	10.53	6	5.26	2	1.75	14	12.28
Fairview Park	15	0.54	7	46.67	4	26.67	1	6.67			3	20.00
Garfield Heights	74	2.66	60	81.08	1	1.35	5	6.76	4	5.41	4	5.41
Highland Heights	1	0.04									1	100.00
Independence	5	0.18	1	20.00			3	60.00			1	20.00
Lakewood	90	3.24	53	58.88	18	20.00	4	4.44	3	3.33	11	12.22
Lyndhurst	12	0.43	7	58.33			2	16.67			3	25.00
Maple Heights	19	0.68	9	47.37	4	21.05	1	5.26	1	5.26	4	21.05
Mayfield Heights	55	1.98	47	85.45	6	10.91	1	1.81				
Middleburg Heights	68	2.44	62	91.18	2	2.94	1	1.47			2	2.94
North Olmsted	24	0.86	15	62.50	4	16.67	2	8.33			3	12.50
North Royalton	12	0.43	8	66.67	1	8.33	2	16.67			1	8.33
Olmsted Falls	1	0.04			1	100.00						
Parma	116	4.17	90	77.59	5	4.31	10	8.62	1	0.86	9	7.76
Parma Heights	17	0.61	11	64.71	5	29.41					1	5.88
Pepper Pike	3	0.11					1	33.33			2	66.67
Richmond Heights	24	0.86	18	75.00	1	4.17					4	16.67
Rocky River	16	0.58	7	43.75	7	43.75	1	6.25				
Seven Hills	9	0.32	5	55.56					1	11.11	3	33.33
Shaker Heights	26	0.93	11	42.31	4	15.38			4	15.38	7	26.92
Solon	17	0.61	13	76.47	3	17.65					1	5.88
South Euclid	14	0.50	3	21.43	6	42.86	3	21.43	1	7.14	1	7.14
Strongsville	12	0.43	5	41.67			2	16.67	1	8.33	4	33.33
University Heights	2	0.07	1	50.00	1	50.00						
Warrensville Heights	65	2.34	58	89.23	3	4.62	1	1.54	2	3.08	1	1.54
Westlake	40	1.44	30	75.00	4	10.00	4	10.00			2	5.00



# 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 FATALITIES		VEHICULAR FATALITIES		HOMICIDE		SUICIDE	
	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases
Bentleyville	0											
Bratenahl	4	0.14					4	100.00				
Brooklyn Heights	0											
Chagrin Falls	4	0.14	2	50.00	1	25.00					1	25.00
Cuyahoga Heights	1	0.04					1	100.00				
Gates Mills	3	0.11	1	33.33	1	33.33	1	33.33				
Glenwillow	0											
Hunting Valley	0											
Linndale	0											
Mayfield	1	0.04	1	100.00								
Moreland Hills	1	0.04			1	100.00						
Newburgh Heights	4	0.14	1	25.00			1	25.00			2	50.00
North Randall	3	0.11	2	66.67	1	33.33						
Oakwood	7	0.25	4	57.14			2	28.57				
Orange	5	0.18	2	40.00					1	20.00	2	40.00
Valley View	1	0.04					1	100.00				
Walton Hills	1	0.04									1	100.00
Woodmere	0											
<b>TOTAL VILLAGES</b>	<b>35</b>	<b>1.26</b>	<b>13</b>	<b>37.14</b>	<b>4</b>	<b>11.43</b>	<b>10</b>	<b>28.57</b>	<b>1</b>	<b>2.86</b>	<b>6</b>	<b>17.14</b>
Chagrin Falls	1	0.04	1	100.00								
Olmsted	5	0.18	3	60.00	1	20.00					1	20.00
Riveredge	0											
Warrensville	1	0.04					1	100.00				
<b>TOTAL TOWNSHIPS</b>	<b>7</b>	<b>0.25</b>	<b>4</b>	<b>57.14</b>	<b>1</b>	<b>14.29</b>	<b>1</b>	<b>14.29</b>			<b>1</b>	<b>14.29</b>
<b>TURNPIKE IN COUNTY</b>	<b>5</b>	<b>0.18</b>					<b>5</b>	<b>100.00</b>				

# DEATHS IN COUNTY, DEATHS REPORTED TO CORONER CASES RECEIVED 1943-1985

**TABLE G**

COUNTY POPULATION 1940: 1,217,250

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

COUNTY POPULATION 1950: 1,389,532

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



# DEATHS IN COUNTY, DEATHS REPORTED TO CORONER CASES RECEIVED 1943-1985

COUNTY POPULATION 1960: 1,647,895

**TABLE G cont.**

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

COUNTY POPULATION 1970: 1,721,300

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

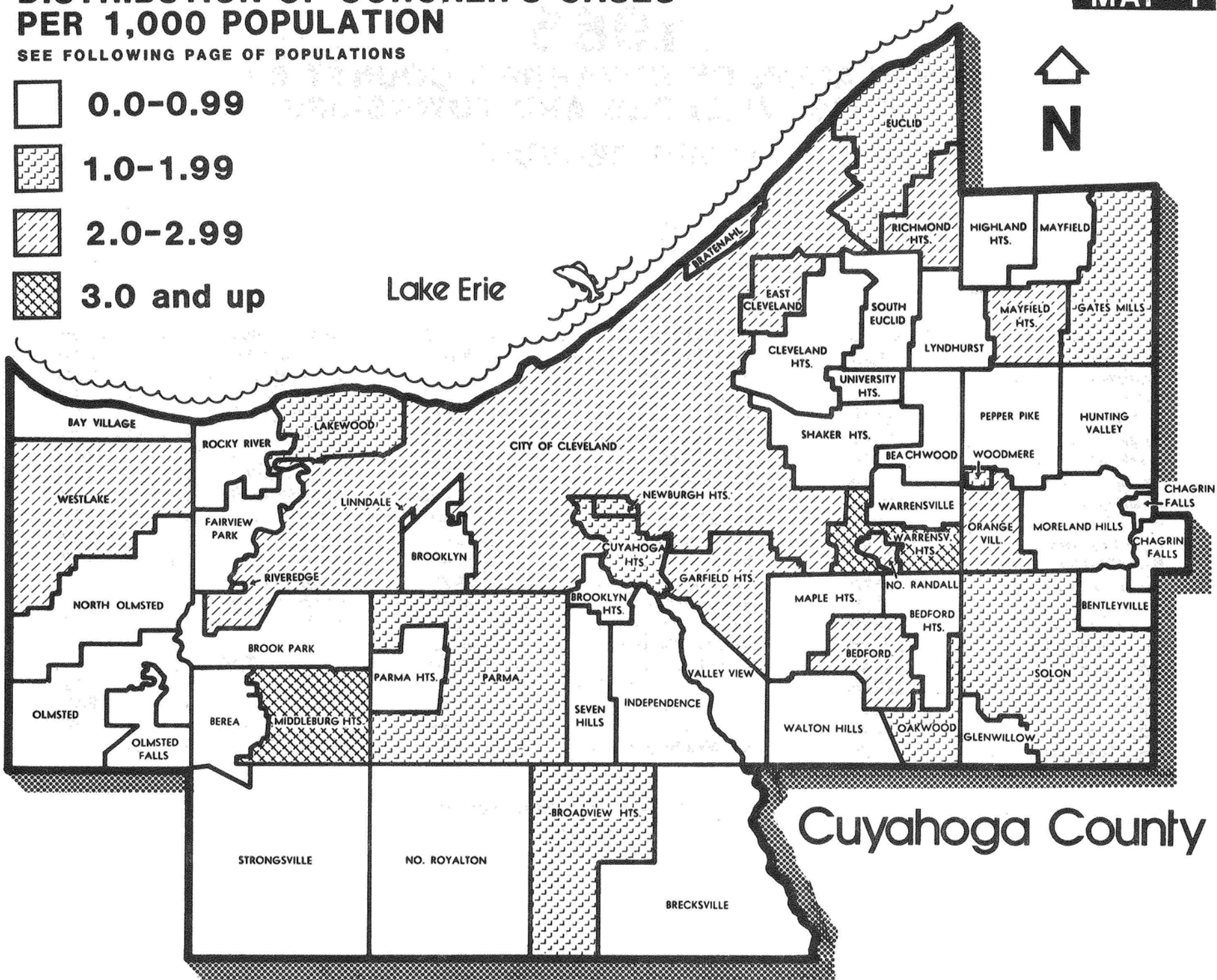
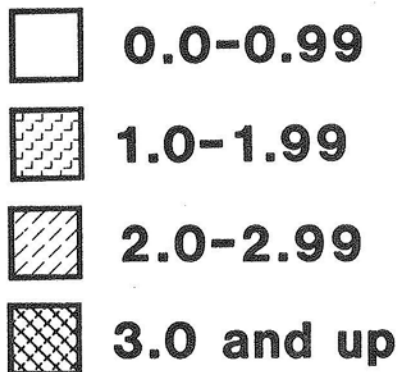
COUNTY POPULATION 1980: 1,498,400

1980: 16,209	5,655	34.9%	3,540	21.8%
1981: 15,737	4,977	31.6%	3,147	20.0%
1982: 15,458	5,327	34.5%	2,840	18.4%
1983: 15,554	5,278	33.9%	2,957	19.0%
1984: 15,666	5,268	33.6%	2,922	18.7%
1985: N.A.	5,463	N.A.	2,782	N.A.



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

SEE FOLLOWING PAGE OF POPULATIONS





# 1985

## POPULATION OF CUYAHOGA COUNTY BY CITIES, VILLAGES AND TOWNSHIPS

### (1980 CENSUS)

#### CITIES

CLEVELAND . . . . .	573,822
Bay Village . . . . .	17,846
Beachwood . . . . .	9,983
Bedford . . . . .	15,056
Bedford Heights . . . . .	13,214
Berea . . . . .	19,567
Brecksville . . . . .	10,132
Broadview Heights . . . . .	10,920
Brooklyn . . . . .	12,342
Brook Park . . . . .	26,195
Cleveland Heights . . . . .	56,438
East Cleveland . . . . .	36,957
Euclid . . . . .	59,999
Fairview Park . . . . .	19,311
Garfield Heights . . . . .	34,938
Highland Heights . . . . .	5,739
Independence . . . . .	6,607
Lakewood . . . . .	61,963
Lyndhurst . . . . .	18,092
Maple Heights . . . . .	29,735
Mayfield Heights . . . . .	21,550

Middleburg Heights . . . . .	16,218
North Olmsted . . . . .	36,486
North Royalton . . . . .	17,671
Olmsted Falls . . . . .	5,868
Parma . . . . .	92,548
Parma Heights . . . . .	23,112
Pepper Pike . . . . .	6,177
Richmond Heights . . . . .	10,095
Rocky River . . . . .	21,084
Seven Hills . . . . .	13,650
Shaker Heights . . . . .	32,487
Solon . . . . .	14,341
South Euclid . . . . .	25,713
Strongsville . . . . .	28,577
University Heights . . . . .	15,401
Warrensville Heights . . . . .	16,565
Westlake . . . . .	19,483

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

#### VILLAGES

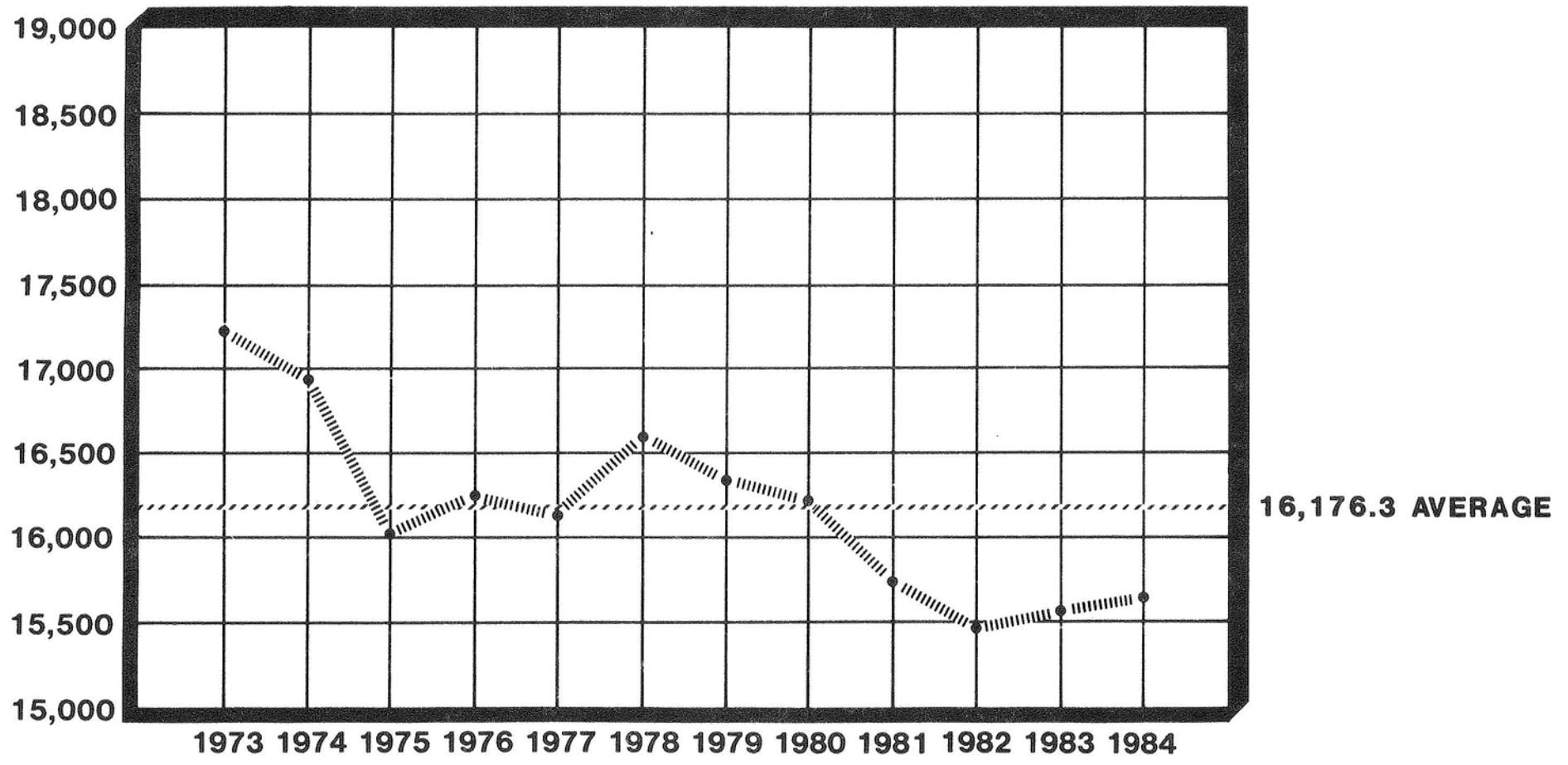
Bentleyville . . . . .	381
Bratenahl . . . . .	1,485
Brooklyn Heights . . . . .	1,653

#### TOWNSHIPS

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

POPULATION OF CUYAHOGA COUNTY  
1,498,400

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



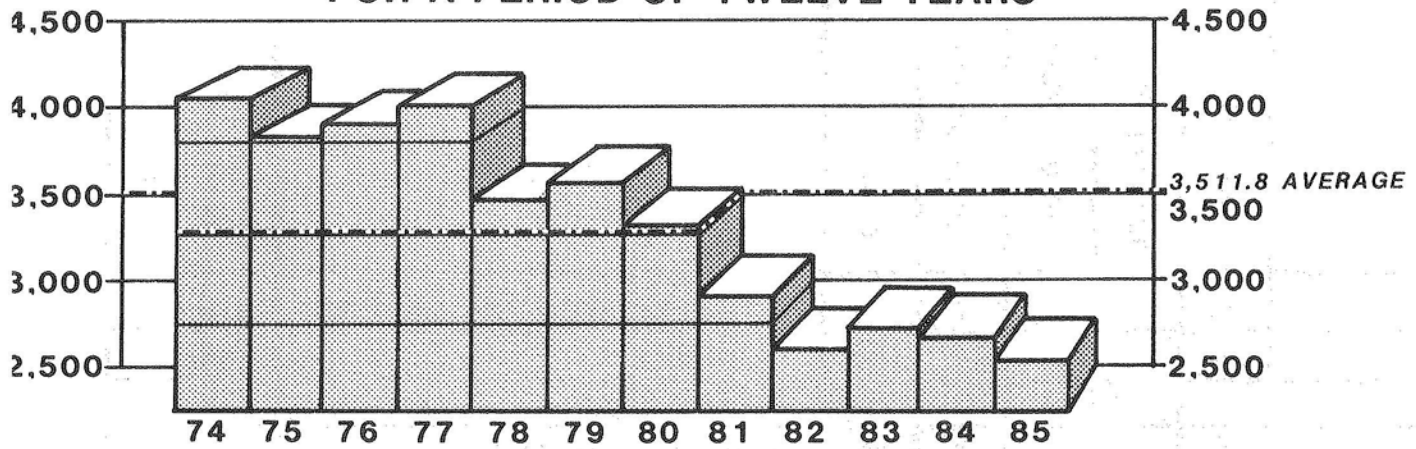
TOTAL DEATHS FOR 1985 NOT AVAILABLE AT TIME OF PUBLICATION





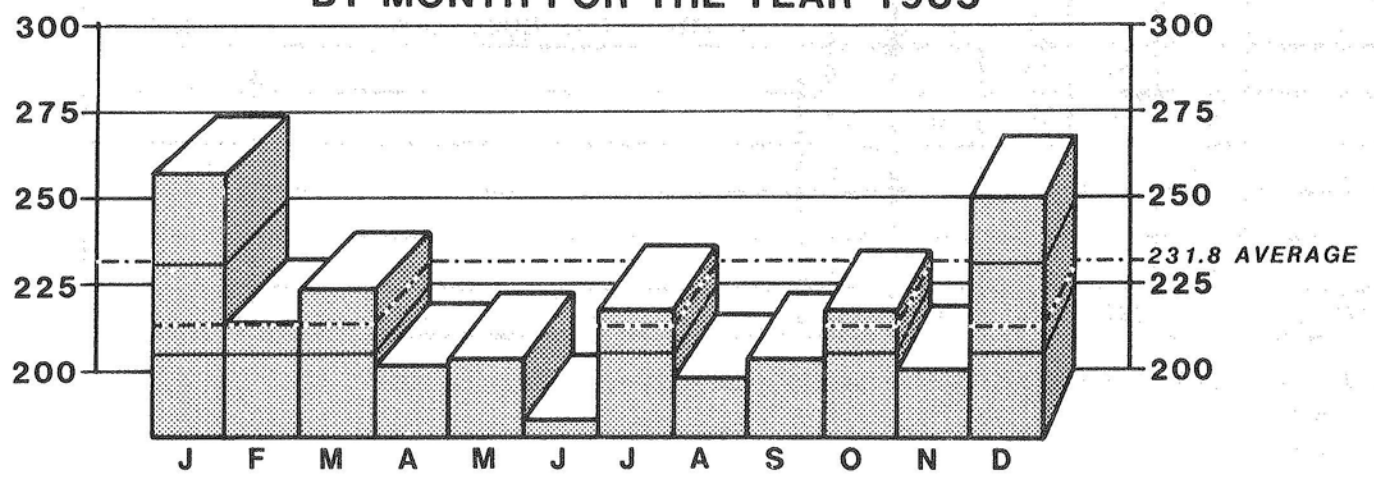
# SUMMARY OF CORONER'S CASES

### FOR A PERIOD OF TWELVE YEARS



1974 - 1985
<b>TOTAL CASES</b>
42,142

### BY MONTH FOR THE YEAR 1985



1985
<b>TOTAL CASES</b>
2782



# 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	90	93	3	7	193	CASES REPORTED – NOT ADMITTED	2681
ACCIDENTS WHILE AT WORK	5	5	1	2	13	AUTOPSIES **	1431
VEHICULAR ACCIDENTS *	84	70	16	31	201	AUTOPSIES(performed for other counties)	35
ACCIDENTS IN OTHER PLACES	149	43	1	8	201	UNIDENTIFIED BODIES	3
HOMICIDES	146	33	1	6	186	UNIDENTIFIED FOETUSES	0
SUICIDES	89	110	7	14	220	IDENTIFIED AND UNCLAIMED BODIES	44
VIOLENCE OF UNDETERMINED ORIGIN	14	3	1	2	20	DEATHS IN CUYAHOGA COUNTY***	N.A.
<b>TOTAL VIOLENT DEATHS</b>	<b>577</b>	<b>357</b>	<b>30</b>	<b>70</b>	<b>1034</b>		
NATURAL CAUSES	969	750	18	0	1737		
NEONATAL & INTRA-UTERINE DEATH	4	2			6		
ABORTIONS					0		
UNDETERMINED CAUSES	3	2			5		
<b>TOTAL CASES REPORTED AND ADMITTED</b>	<b>1553</b>	<b>1111</b>	<b>48</b>	<b>70</b>	<b>2782</b>		

\* Vehicular Accidents, Summary Tables 1, 2, 4, 6 and 8 are tabulated by date of death reflecting fatalities received in 1985.

\*\* Includes 112 autopsies performed at hospitals.

\*\*\* Resident deaths 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	10	8	8	6	8	10	12	5	9	9	12	5	10	3	4	7	9	7	9	8	8	9	11	6	110	83	193
ACCIDENTS WHILE AT WORK	2		1								1		1		3		1		1		1		2		13		13
VEHICULAR ACCIDENTS	11	7	10	6	11	4	9	4	16	6	8	5	13	4	10	7	13	9	12	8	9	5	10	4	132	69	201
ACCIDENTS IN OTHER PLACES	10	7	11	5	9	6	12	9	8	10	16	9	15	5	6	7	4	8	6	9	7	7	9	6	113	88	201
HOMICIDE	14	1	12	2	17	4	8	3	11	8	7	3	9	8	11	5	11	2	13	6	14	4	10	3	137	49	186
SUICIDE	9	2	18	2	22	7	17	3	13	6	14	9	13	9	16	3	11	3	13	1	10	1	14	4	170	50	220
VIOLENCE OF UNDETERMINED ORIGIN			1	1		1	1	1		1	2	2		1	1		1	1	1	1	1		1	2	9	11	20
NATURAL CAUSES	121	12	88	60	87	54	76	58	70	53	62	47	85	60	80	54	86	53	101	44	92	49	125	60	1073	664	1737
ABORTIONS																											0
NEONATAL AND INTRA-UTERINE DEATHS				1			1		1										1		1			1	4	2	6
UNDETERMINED CAUSES									1	2					1	1									3	2	5
<b>GRAND TOTAL</b>	177	37	149	83	154	86	136	83	128	94	124	80	146	90	132	84	136	83	157	77	143	75	182	86	1764	1018	2782



# 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	7	2	6	4	7	5	10	4	7	4	7	2	7	2	3	2	5	4	6	3	6	4	7	3	78	39	117
ACCIDENTS WHILE AT WORK	2		1								1				4		1		1		1		1		12		12
VEHICULAR ACCIDENTS	11	7	10	6	11	4	9	4	15	6	9	4	13	4	10	7	13	8	12	9	9	5	10	4	132	68	200
ACCIDENTS IN OTHER PLACES	1		4		2		2		2	4	8		8	1	3	1	1	2	5	1	3	2	5	2	44	13	57
HOMICIDE	13	1	13	2	17	4	8	3	11	7	7	4	9	8	11	4	10	3	14	6	14	4	9	2	136	48	184
SUICIDE	9	2	17	2	21	7	16	3	13	4	13	7	14	10	14	3	12	3	13	1	9	1	14	4	165	47	212
VIOLENCE OF UNDETERMINED ORIGIN			1	1		1	1	1		1	2	2		1	1		1	1	1	1		1	2		9	11	20
NATURAL CAUSES	42	18	30	20	39	14	30	14	26	10	15	10	22	17	14	6	25	9	27	15	25	7	40	14	335	154	489
ABORTIONS																											0
NEONATAL AND INTRA-UTERINE DEATHS				1					1										1		1			1	3	2	5
UNDETERMINED CAUSES										1	2				1	1									3	2	5
<b>GRAND TOTAL</b>	<b>85</b>	<b>30</b>	<b>82</b>	<b>36</b>	<b>97</b>	<b>35</b>	<b>76</b>	<b>29</b>	<b>75</b>	<b>37</b>	<b>64</b>	<b>29</b>	<b>73</b>	<b>43</b>	<b>61</b>	<b>24</b>	<b>68</b>	<b>30</b>	<b>80</b>	<b>36</b>	<b>69</b>	<b>23</b>	<b>87</b>	<b>32</b>	<b>917</b>	<b>384</b>	<b>1301</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				
<b>ACCIDENTS:</b>																																								
IN THE HOME	2	1	4	4	6		1		3		6	1	8	2	4	5	3	2	3	5	3	2	3	4	4	1	7	5	7	3	10	6	7	5	29	37	110	83	193	
WHILE AT WORK										1		2		1		5						3		1													13		13	
VEHICULAR	1	1	2		2	2	2		11	8	21	5	24	10	11	4	9	3	8	2	6	3	4	2	8	2	4	4	6	8	8	5	2	3	3	7	132	69	201	
IN OTHER PLACES	5	3	4				4	1	1	3	1	1	4		6		5	4	2	2	6	1	14	3	9	7	13	9	10	7	11	14	4	9	14	24	113	88	201	
HOMICIDE	2			2			1	3	13		31	6	18	5	18	8	13	5	6	3	4	3	6	1	6	3	6	3	5	3	3	1	2	2	3	1	137	49	186	
SUICIDE							3		10	2	22	6	21	3	16	5	12	1	12	2	7	4	13	2	14	8	12	6	7	2	5	4	9	2	7	3	170	50	220	
VIOLENCE OF UNDETERMINED ORIGIN				1								1	3	1	2	1	2	1					1		1	2	2								2			9	11	20
NATURAL CAUSES	31	24	1	3			2	2	4	1	6	4	7	10	24	8	31	12	36	11	56	26	83	36	130	45	154	57	168	79	126	106	101	76	113	164	1073	664	1737	
ABORTIONS																																								0
NEONATAL AND INTRA-UTERINE DEATHS	4	2																																			4	2	6	
UNDETERMINED CAUSES											1																		2						1	1		3	2	5
<b>GRAND TOTAL</b>	<b>45</b>	<b>31</b>	<b>11</b>	<b>10</b>	<b>8</b>	<b>2</b>	<b>13</b>	<b>6</b>	<b>42</b>	<b>14</b>	<b>88</b>	<b>25</b>	<b>87</b>	<b>31</b>	<b>82</b>	<b>31</b>	<b>80</b>	<b>28</b>	<b>67</b>	<b>25</b>	<b>82</b>	<b>39</b>	<b>126</b>	<b>49</b>	<b>172</b>	<b>67</b>	<b>198</b>	<b>86</b>	<b>205</b>	<b>102</b>	<b>163</b>	<b>136</b>	<b>125</b>	<b>100</b>	<b>170</b>	<b>236</b>	<b>1764</b>	<b>1018</b>	<b>2782</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	M	F			
<b>ACCIDENTS:</b>																																									
IN THE HOME	2	1	4	4	5		1		3		5	1	8	2	4	4	3	2	3	5	3	2	3	3	3		4	2	6	2	8	2	5	1	8	8	78	39	117		
WHILE AT WORK											1		2		1		4							3		1													12		12
VEHICULAR	1	1	2		2	2	2		11	7	21	5	24	10	11	4	9	3	8	2	6	3	4	2	8	2	4	4	6	8	8	5	2	3	3	7	132	68	200		
IN OTHER PLACES			3				3		1		1		3		5		5	3	1		1		5		2	1	4	1	4	1	1	1	1	1	4	5	44	13	57		
HOMICIDE	2			2			1	3	13		31	6	18	5	18	8	13	5	5	3	4	3	6	1	6	3	6	3	5	2	3	1	2	2	3	1	136	48	184		
SUICIDE							3		11	2	20	6	20	2	16	4	12	1	12	2	6	4	12	2	14	7	11	6	7	2	5	4	9	2	7	3	165	47	212		
VIOLENCE OF UNDETERMINED ORIGIN				1								1	3	1	2	1	2	1						1		1	2	2							2			9	11	20	
NATURAL CAUSES	27	22	1	2					2	1	5	4	6	8	23	7	25	8	28	2	37	14	46	17	37	11	24	10	32	12	15	10	10	7	17	19	335	154	489		
ABORTIONS																																									0
NEONATAL AND INTRA-UTERINE DEATHS	3	2																																				3	2	5	
UNDETERMINED CAUSES												1																								1	1		3	2	5
<b>GRAND TOTAL</b>	<b>35</b>	<b>26</b>	<b>10</b>	<b>9</b>	<b>7</b>	<b>2</b>	<b>10</b>	<b>3</b>	<b>41</b>	<b>10</b>	<b>84</b>	<b>24</b>	<b>84</b>	<b>28</b>	<b>80</b>	<b>28</b>	<b>73</b>	<b>23</b>	<b>57</b>	<b>14</b>	<b>57</b>	<b>26</b>	<b>79</b>	<b>26</b>	<b>71</b>	<b>25</b>	<b>55</b>	<b>28</b>	<b>62</b>	<b>27</b>	<b>40</b>	<b>23</b>	<b>29</b>	<b>19</b>	<b>43</b>	<b>43</b>	<b>917</b>	<b>384</b>	<b>1301</b>		



# GEOGRAPHICAL LOCATION - ALL FATALITIES SUMMARY

CITIES	VIOLENT DEATHS															GRAND TOTAL
	ACCIDENTS					OTHER VIOLENCE					NATURAL CAUSES					
	IN THE HOME	AT WORK	VEHICULAR	IN OTHER PLACES	TOTAL ACCIDENTS	HOMICIDE	SUICIDE	UNDETERMINED ORIGIN	TOTAL OTHER VIOLENCE	TOTAL ALL VIOLENCE	NATURAL CAUSES	ABORTIONS	LIVE BIRTH AND FOETAL DEATH	UNDETERMINED CAUSES	TOTAL	
Cleveland	90	5	84	149	328	146	89	14	249	577	969		4	3	976	1553
Bay Village	1		1	1	3		1		1	4	1				1	5
Beachwood	2		2	2	6					6	3				3	9
Bedford	2	1	3	2	8	1	3		4	12	21				21	33
Bedford Heights			1		1		1		1	2	6				6	8
Berea	2	1	1	4	8		2		2	10	4				4	14
Brecksville			1	1	2		1		1	3	6			1	7	10
Broadview Heights			3	2	5		1		1	6	5				5	11
Brooklyn	1				1		2		2	3	5				5	8
Brook Park	1		3	1	5		4		4	9	2				2	11
Cleveland Heights	9	1	3	1	14	3	10		13	27	19				19	46
East Cleveland	5		2	9	16	9	3		12	28	77				77	105
Euclid	9	1	6	2	18	2	14		16	34	80				80	114
Fairview Park	4		1		5		3		3	8	7				7	15
Garfield Heights	1		5		6	4	4		8	14	60				60	74
Highland Heights							1		1	1						1
Independence			3		3		1		1	4	1				1	5
Lakewood	14		4	4	22	3	11	1	15	37	53				53	90
Lyndhurst			2		2		3		3	5	7				7	12
Maple Heights	3		1	1	5	1	4		5	10	9				9	19
Mayfield Heights	6		1		7				7	47				1	48	55
Middleburg Heights	1		1	1	3		2		2	5	62		1		63	68
North Olmsted	4		2		6		3		3	9	15				15	24
North Royalton			2	1	3		1		1	4	8				8	12
Olmsted Falls				1	1					1						1
Parma	2		10	3	15	1	9	1	11	26	90				90	116
Parma Heights	5				5		1		1	6	11				11	17
Pepper Pike			1		1		2		2	3						3
Richmond Heights				1	1		4		4	5	18		1		19	24
Rocky River	5		1	2	8			1	1	9	7				7	16
Seven Hills						1	3		4	4	5				5	9
Shaker Heights	4				4	4	7		11	15	11				11	26
Solon	2	1			3		1		1	4	13				13	17
South Euclid	5		3	1	9	1	1		2	11	3				3	14
Strongsville			2		2	1	4		5	7	5				5	12
University Heights				1	1					1	1				1	2
Warrensville Heights	2		1	1	4	2	1		3	7	58				58	65
Westlake	3		4	1	8		2		2	10	30				30	40
GRAND TOTAL	183	10	154	192	539	179	199	17	395	934	1719	0	6	5	1730	2664

**TABLE 6**

# GEOGRAPHICAL LOCATION - ALL FATALITIES SUMMARY

VILLAGES AND TOWNSHIPS	VIOLENT DEATHS										TABLE 7				
	ACCIDENTS					OTHER VIOLENCE									
	IN THE HOME	AT WORK	VEHICULAR	IN OTHER PLACES	TOTAL ACCIDENTS	HOMICIDE	SUICIDE	UNDETERMINED ORIGIN	TOTAL OTHER VIOLENCE	TOTAL ALL VIOLENCE	NATURAL CAUSES	ABORTIONS	LIVE BIRTH AND FOETAL DEATH	UNDETERMINED CAUSES	TOTAL
<b>VILLAGES:</b>															
Bentleyville															0
Bratenahl			4		4					4					4
Brooklyn Heights															0
Chagrin Falls		1			1		1		1	2	2			2	4
Cuyahoga Heights			1		1					1					1
Gates Mills	1		1		2					2	1			1	3
Glenwillow															0
Hunting Valley															0
Linndale															0
Mayfield											1			1	1
Moreland Hills	1				1					1					1
Newburgh Heights			1		1		2		2	3	1			1	4
North Randall				1	1					1	2			2	3
Oakwood			2		2			1	1	3	4			4	7
Orange						1	2		3	3	2			2	5
Valley View			1		1					1					1
Walton Hills							1		1	1					1
Woodmere											1			1	1
<b>TOTAL VILLAGES</b>	2	1	10	1	14	1	6	1	8	22	14			14	36
<b>TOWNSHIPS:</b>															
Chagrin Falls											1			1	1
Olmsted	1				1		1		1	2	3			3	5
Riveredge															0
Warrensville			1		1					1					1
<b>TOTAL TOWNSHIPS</b>	1		1		2		1		1	3	4			4	7



# GEOGRAPHICAL LOCATION - ALL FATALITIES SUMMARY

TOTALS	VIOLENT DEATHS										TABLE 7A					
	ACCIDENTS					OTHER VIOLENCE										
	IN THE HOME	WHILE AT WORK	VEHICULAR	IN OTHER PLACES	TOTAL ACCIDENTS	HOMICIDE	SUICIDE	UNDETERMINED ORIGIN	TOTAL OTHER VIOLENCE	TOTAL ALL VIOLENCE	NATURAL CAUSES	ABORTIONS	LIVE BIRTH AND FOETAL DEATH	UNDETERMINED CAUSES	TOTAL	GRAND TOTAL
CITIES	183	10	154	192	539	179	199	17	395	934	1719		6	5	1730	2664
VILLAGES	2	1	10	1	14	1	6	1	8	22	14				14	36
TOWNSHIPS	1		1		2		1		1	3	4				4	7
OUT OF COUNTY	7	2	31	8	48	6	14	2	22	70						70
TURNPIKES			5		5					5						5
<b>GRAND TOTAL</b>	<b>193</b>	<b>13</b>	<b>201</b>	<b>201</b>	<b>608</b>	<b>186</b>	<b>220</b>	<b>20</b>	<b>426</b>	<b>1034</b>	<b>1737</b>	<b>0</b>	<b>6</b>	<b>5</b>	<b>1748</b>	<b>2782</b>

# ACCIDENTAL FATALITIES BY MONTH

**TABLE 8**

MONTH	HOME ACCIDENTS						WORK ACCIDENTS					VEHICULAR ACCIDENTS						OTHER ACCIDENTS					TOTALS						GRAND TOTAL			
	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	TURNPIKE	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES		TOWNSHIPS	TURNPIKE	OUT OF COUNTY
JANUARY	9	9				18		2				2	9	5	1			3	17	14	2	1			17	32	18	2			3	55
FEBRUARY	7	6			1	14		1				1	7	5	1			3	16	10	6				16	24	18	1			4	47
MARCH	12	6				18							9	5				1	15	13	2				15	34	13				1	48
APRIL	13	4				17							5	5			2	2	13	16	5				21	34	14			2	2	52
MAY	5	11			2	18							8	9	1			3	22	12	5			1	18	25	25	1			6	57
JUNE	8	9				17	1					1	6	2	2			3	13	22	3				25	37	14	2			3	56
JULY	6	6			1	13		1				1	7	7				3	17	9	8			3	20	22	22				7	51
AUGUST	2	7	1		1	11	2				1	3	5	7			1	4	17	10	2			1	13	19	16	1		1	7	44
SEPTEMBER	7	9				16					1	1	7	8	2	1		4	22	9	3				12	23	20	2	1		5	51
OCTOBER	4	13				17	1					1	10	5	1		2	2	20	13	2				15	28	20	1		2	2	53
NOVEMBER	8	7	1	1		17		1				1	6	7				1	14	10	3			1	14	24	18	1	1		2	46
DECEMBER	9	6			2	17	1		1			2	5	5	2			2	14	11	2			2	15	26	13	3			6	48
<b>TOTAL</b>	<b>90</b>	<b>93</b>	<b>2</b>	<b>1</b>	<b>7</b>	<b>193</b>	<b>5</b>	<b>5</b>	<b>1</b>		<b>2</b>	<b>13</b>	<b>84</b>	<b>70</b>	<b>10</b>	<b>1</b>	<b>5</b>	<b>31</b>	<b>201</b>	<b>149</b>	<b>43</b>	<b>1</b>		<b>8</b>	<b>201</b>	<b>328</b>	<b>211</b>	<b>14</b>	<b>2</b>	<b>5</b>	<b>48</b>	<b>608</b>



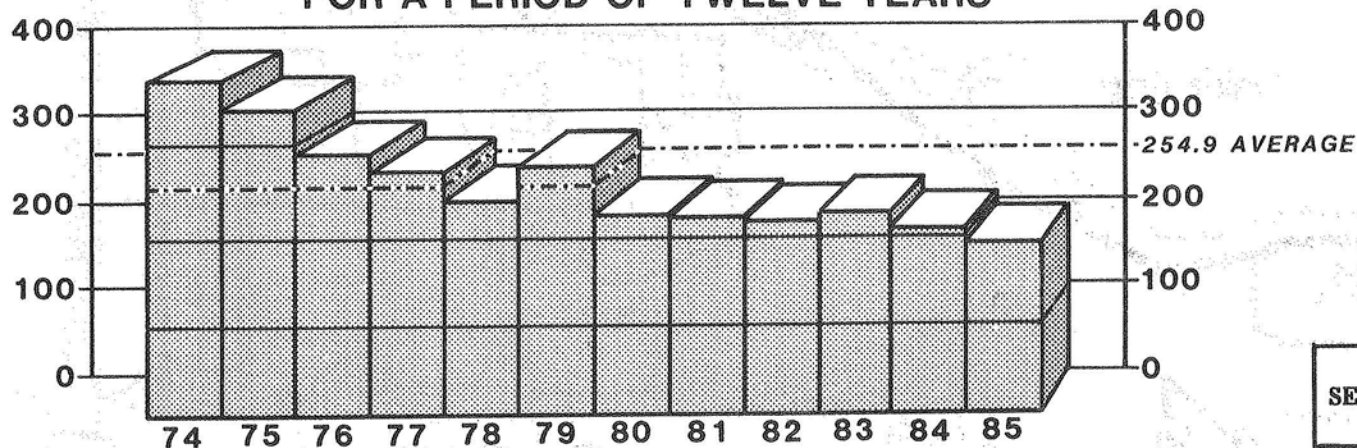
# HOMICIDES, SUICIDES, VIOLENCE OF UNDETERMINED ORIGIN FATALITIES BY MONTH

**TABLE 9**

MONTH	HOMICIDES						SUICIDES						VIOLENCE OF UNDETERMINED ORIGIN						TOTAL					GRAND TOTAL
	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF COUNTY	
JANUARY	13	1			1	15	2	8			1	11							15	9			2	26
FEBRUARY	11	3				14	9	10			1	20	2					2	22	13			1	36
MARCH	18	3				21	13	13			3	29		1				1	31	17			3	51
APRIL	7	4				11	10	10				20	1				1	2	18	14			1	33
MAY	15	4				19	11	6			2	19		1				1	26	11			2	39
JUNE	8	1			1	10	8	12	2		1	23	3				1	4	19	13	2		3	37
JULY	12	5				17	10	11	1			22	1					1	23	16	1			40
AUGUST	10	4			2	16	8	10		1		19		1				1	18	15		1	2	36
SEPTEMBER	11	1	1			13	7	3		4	14	2					2	20	4	1		4	29	
OCTOBER	14	3			2	19	4	9		1	14	1		1				2	19	12	1		3	35
NOVEMBER	16	2				18	3	8			11	1						1	20	10				30
DECEMBER	11	2				13	4	10	3	1	18	3						3	18	12	3		1	34
<b>TOTAL</b>	146	33	1		6	186	89	110	6	1	14	220	14	3	1		2	20	249	146	8	1	22	426

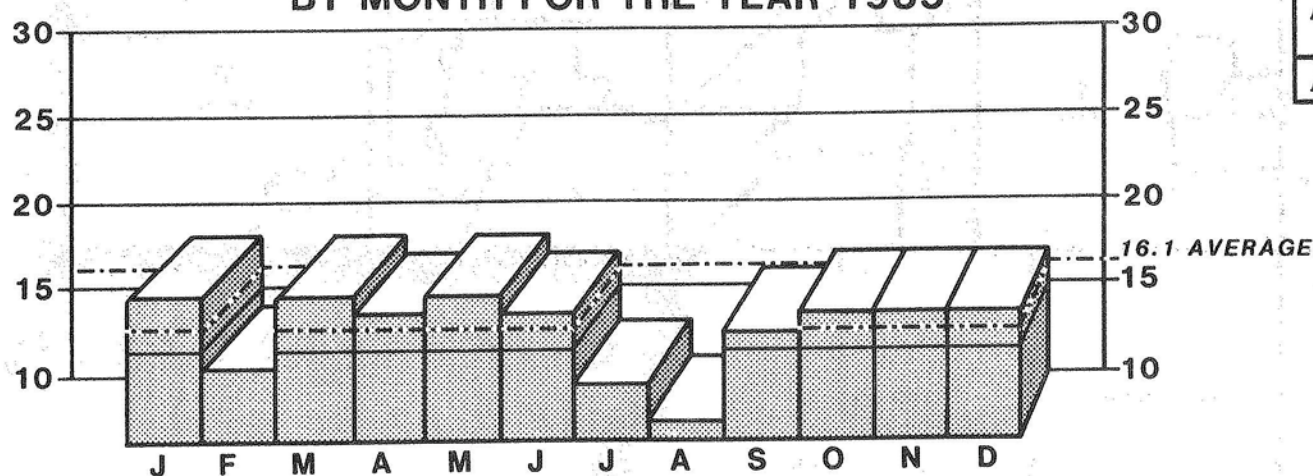
# ACCIDENTS IN THE HOME

FOR A PERIOD OF TWELVE YEARS



		NUMBER	PERCENT
SEX	MALE	110	57
	FEMALE	83	43
RACE	WHITE	144	75
	NON-WHITE	49	25
ALCOHOL	TESTED	104	54
	POSITIVE	25	24
AUTOPSY	AUTOPSIED	117	61

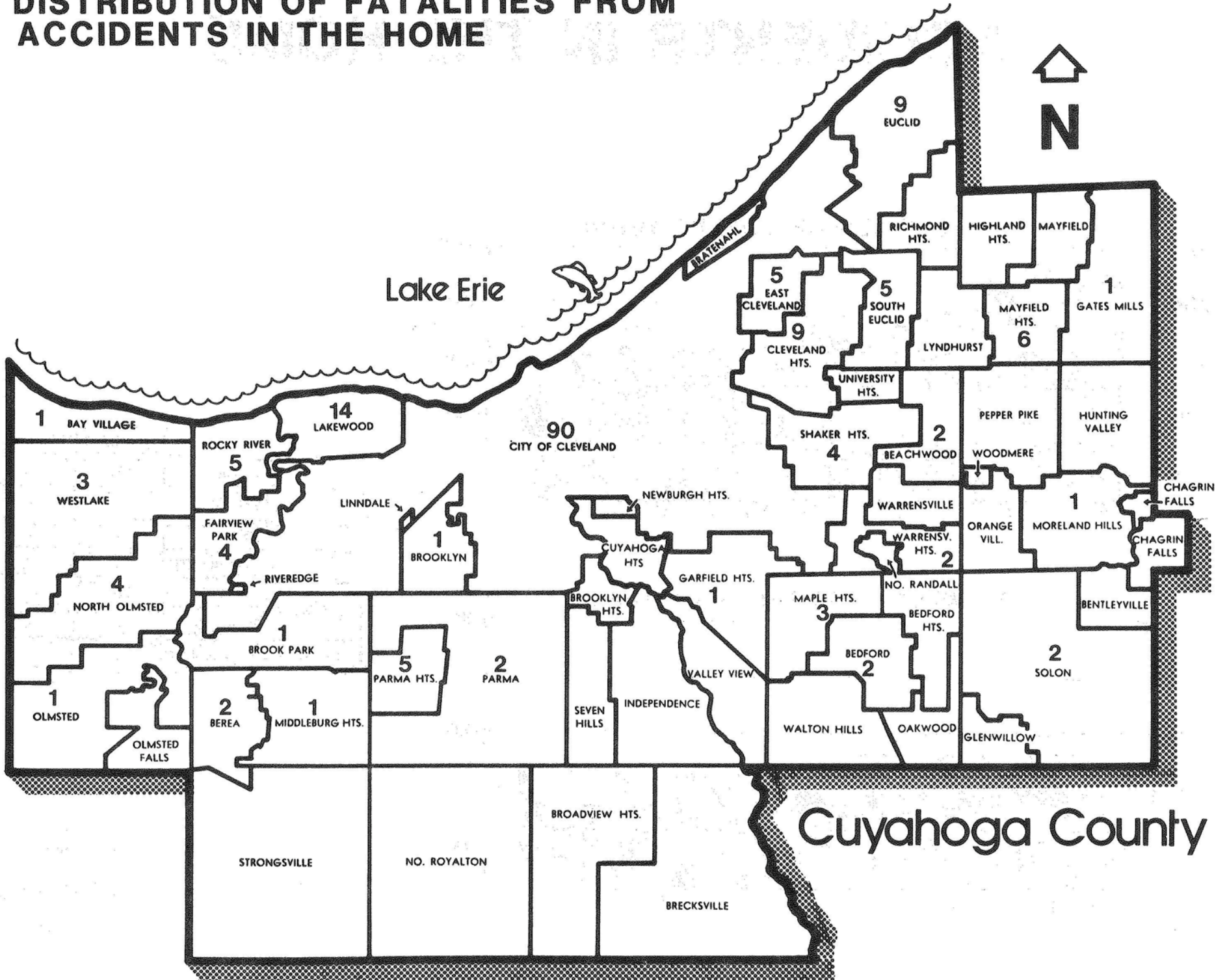
BY MONTH FOR THE YEAR 1985



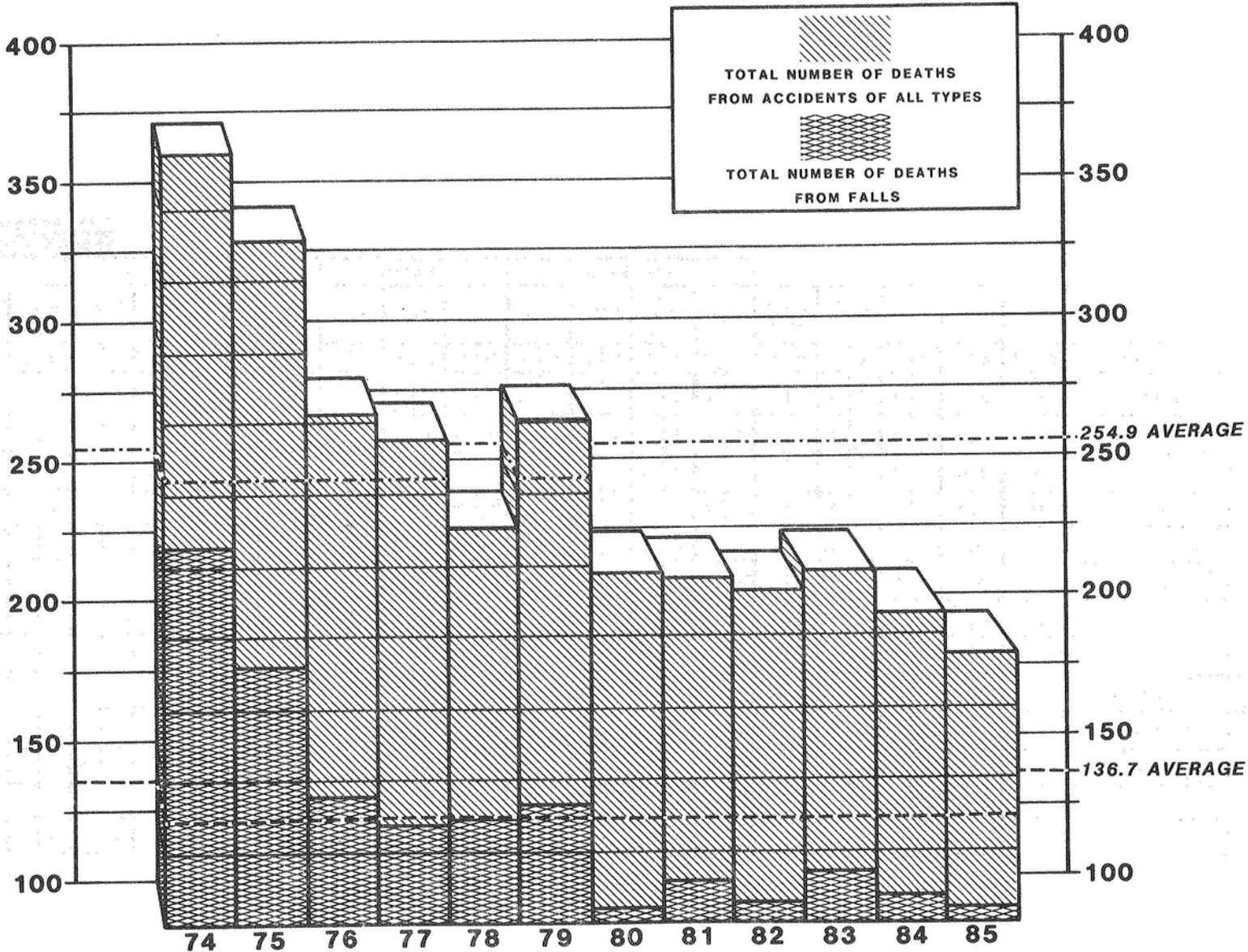
1985
TOTAL CASES
193



# DISTRIBUTION OF FATALITIES FROM ACCIDENTS IN THE HOME



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





# FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

## MONTHLY ALCOHOL INCIDENCE

**TABLE 10**

MONTH	TOTAL	ALCOHOL INCIDENCE																																						
		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	18	10	8	6	3	4	5			5	4	3	2	1		1	2	5	4	5	4																			
FEBRUARY	14	8	6	5	2	2	4	1		2	1	1		1			1	6	5	4	5	2				1										1				
MARCH	18	8	10	8	4		6			2	6	2	5		1			6	4	4	4	2					2													
APRIL	17	12	5	10	3	2	2			2	2	1	2			1		10	3	8	3	2					1		1											
MAY	18	9	9	3	2	5	6	1	1	3	5	3	5					6	4	5	4	1				1														
JUNE	17	12	5	5	3	7	2			6	2	6	1		1			6	3	3	2	3	1			1	1		1							1				
JULY	13	10	3	4	2	5	1	1		5	1	3	1	2				5	2	3	2	2				1			1											
AUGUST	11	4	7	1	1	3	5		1	2	6	2	5		1			2	1	1	1	1														1				
SEPTEMBER	16	9	7	4	3	5	4			5	6	5	3		2		1	4	1	2	1	2			1			1												
OCTOBER	17	9	8	4		5	8			3	6	3	4				2	6	2	4	2	2		1						1										
NOVEMBER	17	8	9	4	4	4	5			3	6	2	5			1	1	5	3	4	1	1	2				1			2										
DECEMBER	17	11	6	5	4	4	2	2		4	2	4	2					7	4	3	4	4			2				2											
<b>TOTAL</b>	<b>193</b>	<b>110</b>	<b>83</b>	<b>59</b>	<b>31</b>	<b>46</b>	<b>50</b>	<b>5</b>	<b>2</b>	<b>42</b>	<b>47</b>	<b>35</b>	<b>35</b>	<b>4</b>	<b>5</b>	<b>3</b>	<b>7</b>	<b>68</b>	<b>36</b>	<b>46</b>	<b>33</b>	<b>22</b>	<b>3</b>	<b>1</b>		<b>5</b>	<b>1</b>	<b>3</b>		<b>8</b>	<b>2</b>	<b>2</b>		<b>1</b>		<b>2</b>				





# FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

## MODE - ALCOHOL INCIDENCE

**TABLE 12**

MODE	TOTAL	ALCOHOL INCIDENCE																																				
		NOT TESTED									TESTED						STAGES																					
		Total		Cleve.		County		Out of County		Total	Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over			
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
ASPHYXIA	8	2	6	2	3		3			4			4			2	2	2	1		1							1										
BURNING	13	11	2	7	1	3	1	1		7		3	4			4	2	3	2	1								1										
CARBON MONOXIDE	21	16	5	11	2	4	3	1		1	1	1	1			15	4	8	4	7				1		2		2	1		1							
CRUSHING	1	1		1												1		1																				
CUTTING AND STABBING	2	2				2				1		1				1				1								1										
ELECTROCUTION	1		1		1						1			1																								
EXPOSURE	3	1	2	1			2				1				1	1	1	1	1																			
FALLING	106	56	50	23	16	31	33	2	1	31	35	28	29		3	6	25	15	22	15	3						1		1						1			
JUMPING	1	1		1												1		1																				
POISONING	27	14	13	9	6	5	7			1	2	1	2			13	11	7	9	6	2	1			3	1		1	1							1		
SHOOTING	6	6		4		1		1		1		1				5		1	4					1		1		2										
UNDETERMINED	3		3		2				1		3		3																									
OTHER *	1		1				1									1		1																				
<b>TOTAL</b>	<b>193</b>	<b>110</b>	<b>83</b>	<b>59</b>	<b>31</b>	<b>45</b>	<b>50</b>	<b>5</b>	<b>2</b>	<b>42</b>	<b>47</b>	<b>35</b>	<b>35</b>	<b>4</b>	<b>5</b>	<b>3</b>	<b>7</b>	<b>68</b>	<b>36</b>	<b>46</b>	<b>33</b>	<b>22</b>	<b>3</b>	<b>1</b>		<b>5</b>	<b>1</b>	<b>3</b>		<b>8</b>	<b>2</b>	<b>2</b>		<b>1</b>		<b>2</b>		

\* Coronary episode during a fire.

# 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	2		2		1		1						1				1		1																		
Compression	2	1	1	1			1						1				1		1																		
Drowning	3		3		2		1						2						1										1								
Plastic Bag	1	1		1													1		1																		
<b>TOTAL</b>	<b>8</b>	<b>2</b>	<b>6</b>	<b>2</b>	<b>3</b>		<b>3</b>				<b>4</b>		<b>4</b>				<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>		<b>1</b>								<b>1</b>							
<b>BURNING:</b>																																					
Conflagration	8	6	2	4	1	1	1	1	1	5	1	4				1	2	1	2																		
Incidental Fire	4	4		3		1				1	1					3		2		1						1											
Scalding	1	1				1				1	1																										
<b>TOTAL</b>	<b>13</b>	<b>11</b>	<b>2</b>	<b>7</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>7</b>	<b>3</b>	<b>4</b>				<b>4</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>1</b>						<b>1</b>											
<b>CARBON MONOXIDE:</b>																																					
Auto Exhaust	7	6	1	5		1	1									6	1	1	1	5				1		2				1		1					
Conflagration	10	7	3	5	1	1	2	1		1	1					7	2	5	2	2						2											
Natural Gas	4	3	1	1	1	2				1	1					2	1	2	1																		
<b>TOTAL</b>	<b>21</b>	<b>16</b>	<b>5</b>	<b>11</b>	<b>2</b>	<b>4</b>	<b>3</b>	<b>1</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>			<b>15</b>	<b>4</b>	<b>8</b>	<b>4</b>	<b>7</b>				<b>1</b>		<b>2</b>		<b>2</b>		<b>1</b>		<b>1</b>					









# FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

## MODE - ALCOHOL INCIDENCE

**TABLE 14 cont.**

MODE	TOTAL	NOT TESTED												TESTED						STAGES											
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long	Under Age		Other		Total		Neg.	Pos.	0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over				
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<b>POISONING: (continued)</b>																															
Ethanol and: Diazepam, Phenobarbital and Secobarbital	1		1				1				1	1																			
Diazepam, Chlorpromazine, Amitriptyline and Diphenhydramine	1	1		1											1			1			1										
Combined Effect of Two Chemical Agents: Chlorpromazine and Amantadine	1		1				1								1			1			1										
Morphine and Meperidine	1	1				1									1			1			1										
Propoxyphene and Diazepam	1	1				1									1	1															
Combined Effect of Three Chemical Agents: Amphetamine, Phedimetzine and Phenmetrazine	1		1				1								1		1														
Butalbital, Codeine and Acetaminophen	1		1				1								1		1														
Diazepam, Cocaine and Opiate	1	1				1									1	1															
Heroin, Cocaine and Phencyclidine	1	1		1											1	1															
Oxycodone, Methadone and Cocaine	1		1		1										1		1														
Combined Effect of Four Chemical Agents: Meperidine, Hydromorphone, Secobarbital and Diazepam	1		1			1									1		1														
<b>TOTAL</b>	<b>27</b>	<b>14</b>	<b>13</b>	<b>9</b>	<b>6</b>	<b>5</b>	<b>7</b>			<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>				<b>13</b>	<b>11</b>	<b>7</b>	<b>9</b>	<b>6</b>	<b>2</b>	<b>1</b>		<b>3</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		3									1											1												2	6	8	
BURNING	1		2		4														1								2		1	1			1			11	2	13	
CARBON MONOXIDE			2		2						1	1	2	2	1		1		1		1			1		1		1	1	1	1			1	1	16	5	21	
CRUSHING														1																						1		1	
CUTTING AND STABBING								1				1																								2		2	
ELECTROCUTION				1																																	1	1	
EXPOSURE																							1							1					1	2	3		
FALLING																	1	1	1	1			1	1	4		5	2	3	3	8	3	7	4	26	35	56	50	106
JUMPING																											1									1		1	
POISONING						1		2		3		1		2	5	2	1			3	1	2	1	1		1	1									14	13	27	
SHOOTING										2		3								1																6		6	
UNDETERMINED																																				1		3	3
OTHER																																					1		1
TOTAL	2	1	4	4	6		1	3		6	1	8	2	4	5	3	2	3	5	3	2	3	4	4	1	7	5	7	3	10	6	7	5	29	37	110	83	193	



# 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	16	7	8	4	7	4			1		8	3	6	3	2							1						1		
E 881 - From Ladder	5	5		1		1						4		4																	
E 882 - From Building or Other Structure	2	1	1									1	1		1	1											1				
E 884 - From One Level to Another Bed	5	2	3	1	2		2			1		1	1	1	1																
Chair	7	3	4	2	3	2	3					1	1	1	1																
Commode	1	1		1		1																									
Couch	2	1	1	1	1	1	1																								
Walker	5	3	2	3	1	3	1						1		1																
Wheelchair	1	1										1		1																	
E 885 - On Same Level	49	21	28	12	23	11	17			1	6	9	5	9	5																
E 888 - Unspecified	6	2	4	2	1	2	1						3		3																
<b>TOTAL</b>	<b>106</b>	<b>56</b>	<b>50</b>	<b>31</b>	<b>35</b>	<b>28</b>	<b>29</b>			<b>3</b>	<b>6</b>	<b>25</b>	<b>15</b>	<b>22</b>	<b>15</b>	<b>3</b>						<b>1</b>				<b>1</b>			<b>1</b>		

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

# FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

## FALLS - AGE GROUPS

**TABLE 17**

FALLS BY CODE*	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
E 880 - From Stairs																		1	1				1		3		2	1	1	2	1		3		4	3	16	7	23
E 881 - From Ladder																									1		1		1		1					5		5	
E 882 - From Building or Other Structure																	1																			1	1	2	
E 884 - From One Level to Another Bed																											1			1		2			1		2	3	5
Chair																															1			2	4	3	4	7	
Commode																																				1		1	
Couch																																			1	1	1	1	2
Walker																																			3	2	3	2	5
Wheelchair																																			1		1		1
E 885 - On Same Level																				1							1	1	1		3	1	2	4	13	22	21	28	49
E 888 - Unspecified																									1									1	3	2	4	6	
<b>TOTAL</b>																	1	1	1	1			1	1	4		5	2	3	3	8	3	7	4	26	35	56	50	106

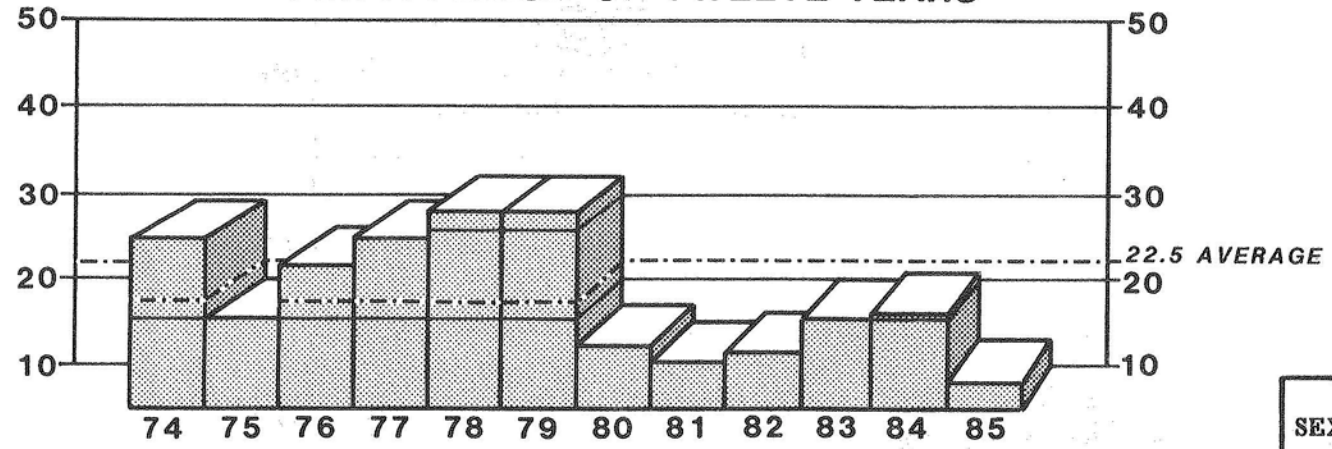
\* International Classification of Diseases by World Health Organization: Ninth Revision.



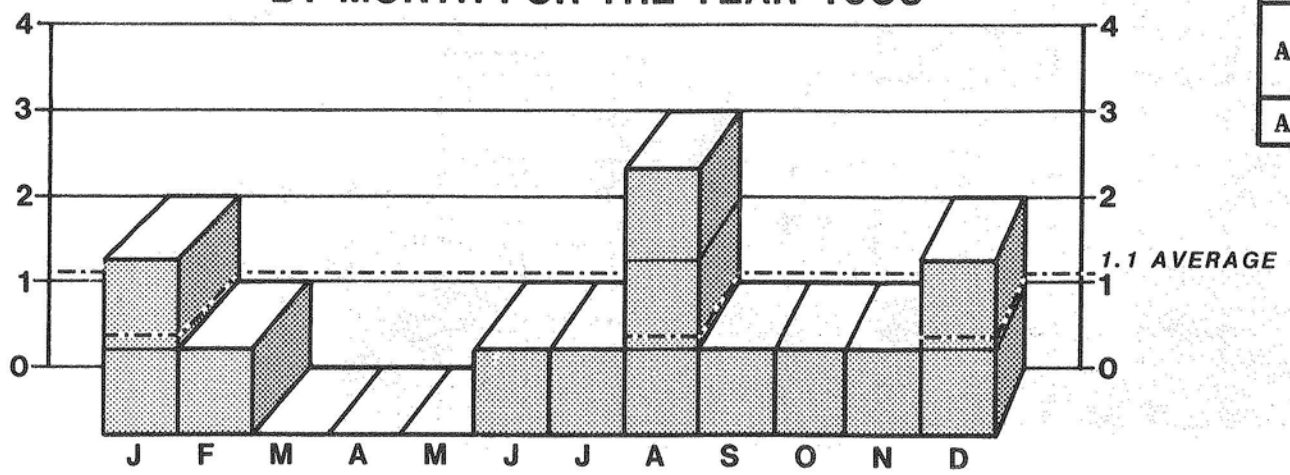


# ACCIDENTS WHILE AT WORK

### FOR A PERIOD OF TWELVE YEARS



### BY MONTH FOR THE YEAR 1985

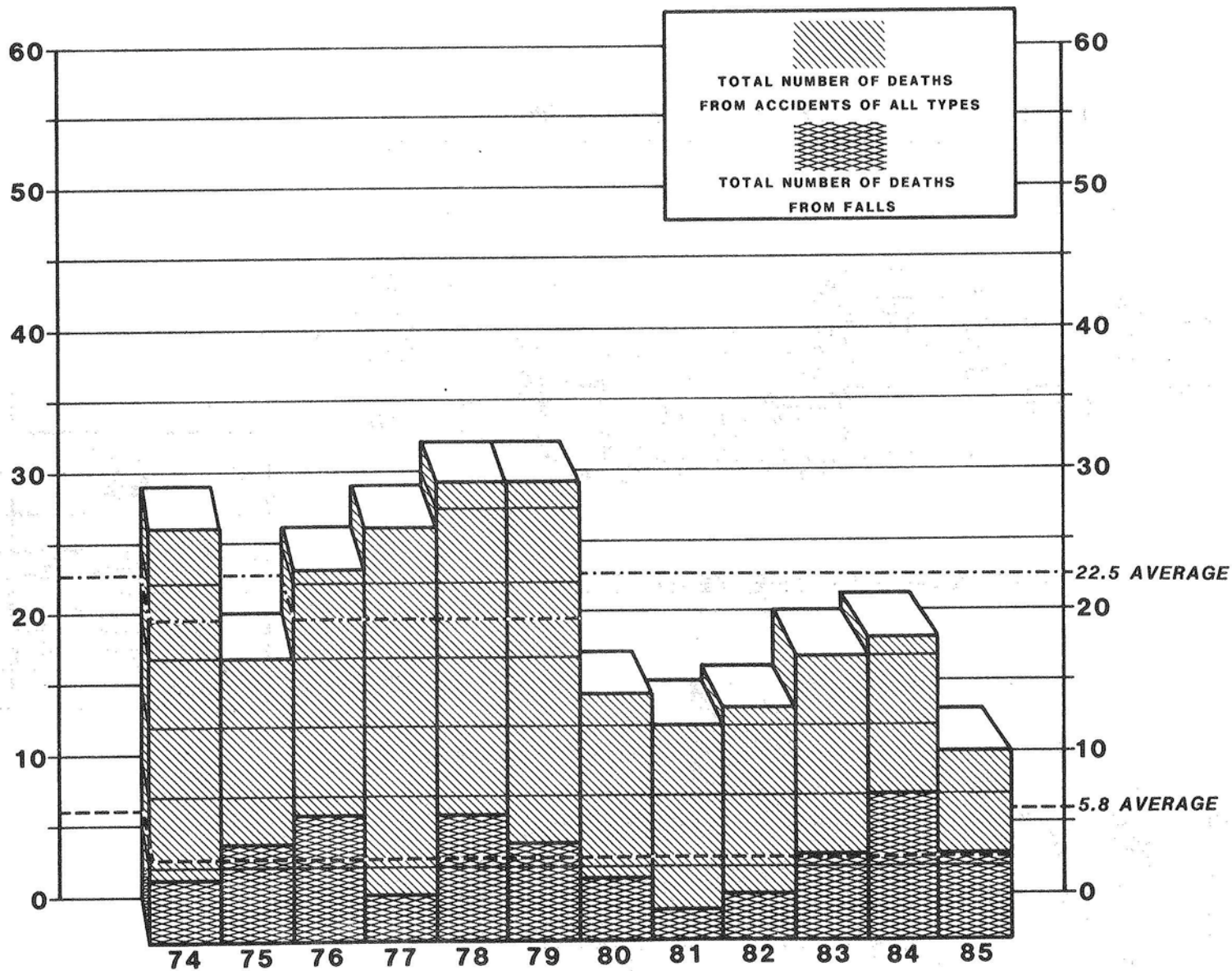


		NUMBER	PERCENT
SEX	MALE	13	100
	FEMALE	0	0
RACE	WHITE	11	85
	NON-WHITE	2	15
ALCOHOL	TESTED	11	85
	POSITIVE	2	18
AUTOPSY	AUTOPSIED	13	100

1985
TOTAL CASES
13



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









# FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

## MODE - ALCOHOL INCIDENCE

**TABLE 20**

MODE	TOTAL	NOT TESTED																		TESTED						STAGES											
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over							
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
ASPHYXIA	1	1				1													1			1										1					
CARBON MONOXIDE	2	2		1		1													2	2																	
CRUSHING	2	2				2													2	2																	
ELECTROCUTION	2	2		1				1											2	1		1			1												
FALLING	6	6		3		2		1		2		2							4	4																	
<b>TOTAL</b>	13	13		5		6		2		2		2							11	9		2			1						1						





# FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

## MODE - AGE GROUPS

**TABLE 22**

MODE	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
	ASPHYXIA																	1																				1	
CARBON MONOXIDE																	2																				2		2
CRUSHING											1						1																				2		2
ELECTROCUTION													1										1														2		2
FALLING												1		1		1							2		1											6		6	
<b>TOTAL</b>											1		2		1		5						3		1											13		13	

## FALLS - ALCOHOL INCIDENCE

**TABLE 23**

FALLS BY CODE*	TOTAL	NOT TESTED									TESTED						STAGES																						
		Total		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over									
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
E 881 - From Scaffolding	2	2													2	2																							
E 882 - From Building or Other Structure	2	2		1		1									1	1																							
E 885 - On Same Level	1	1		1		1																																	
E 888 - Unspecified	1	1													1	1																							
<b>TOTAL</b>	6	6		2		2									4	4																							

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



# FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

## FALLS - AGE GROUPS

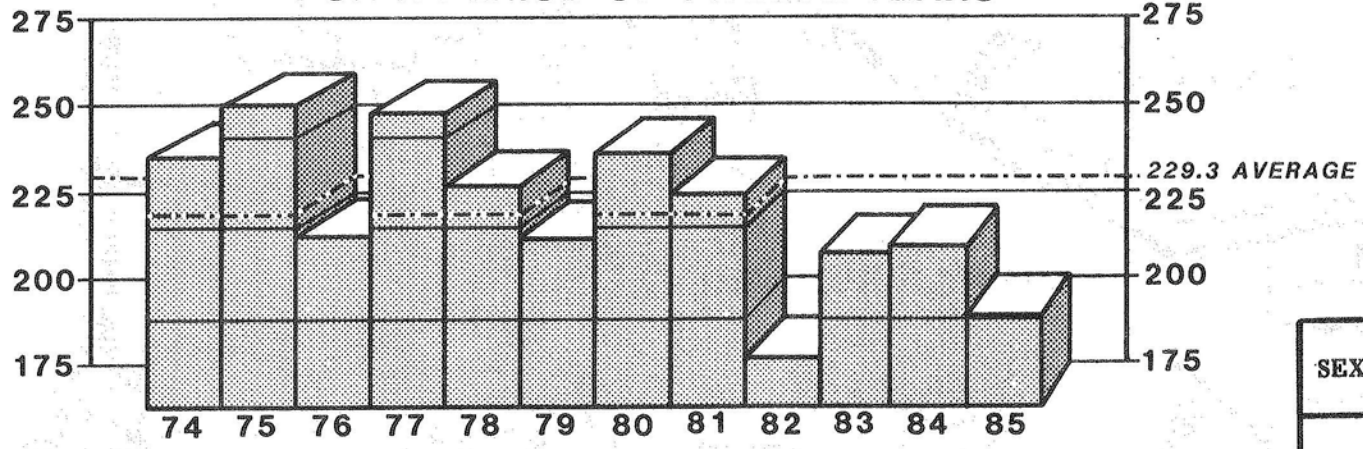
**TABLE 24**

FALLS BY CODE *	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
E 881 - From Scaffolding																1									1												2		2	
E 882 - From Building or Other Structure												1		1																								2		2
E 885 - On Same Level																								1														1		1
E 888 - Unspecified																								1														1		1
<b>TOTAL</b>												1		1		1								2		1											6		6	

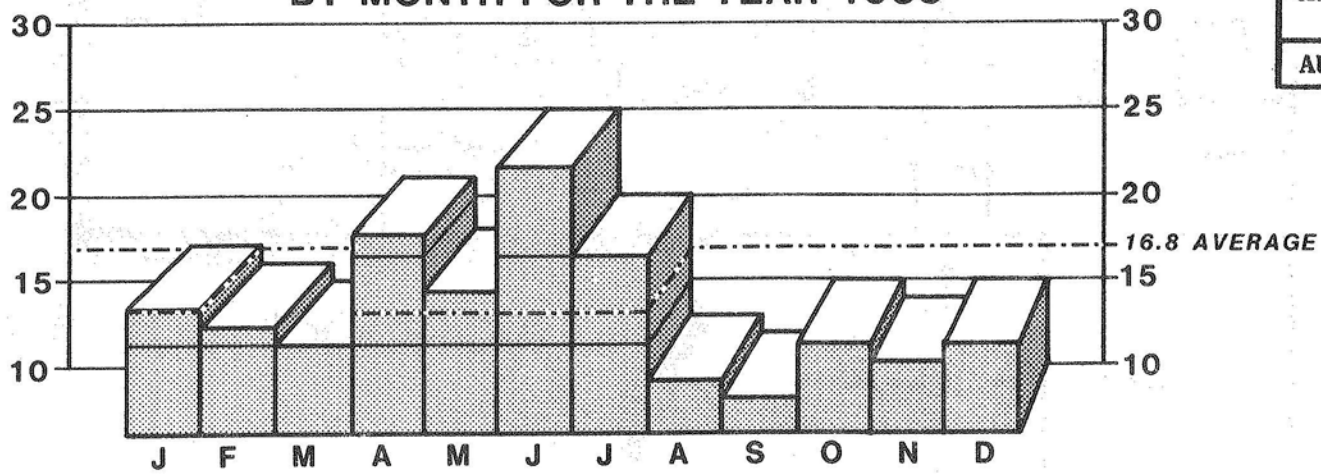
\* International Classification of Diseases by World Health Organization: Ninth Revision.

# ACCIDENTS IN OTHER PLACES

FOR A PERIOD OF TWELVE YEARS



BY MONTH FOR THE YEAR 1985

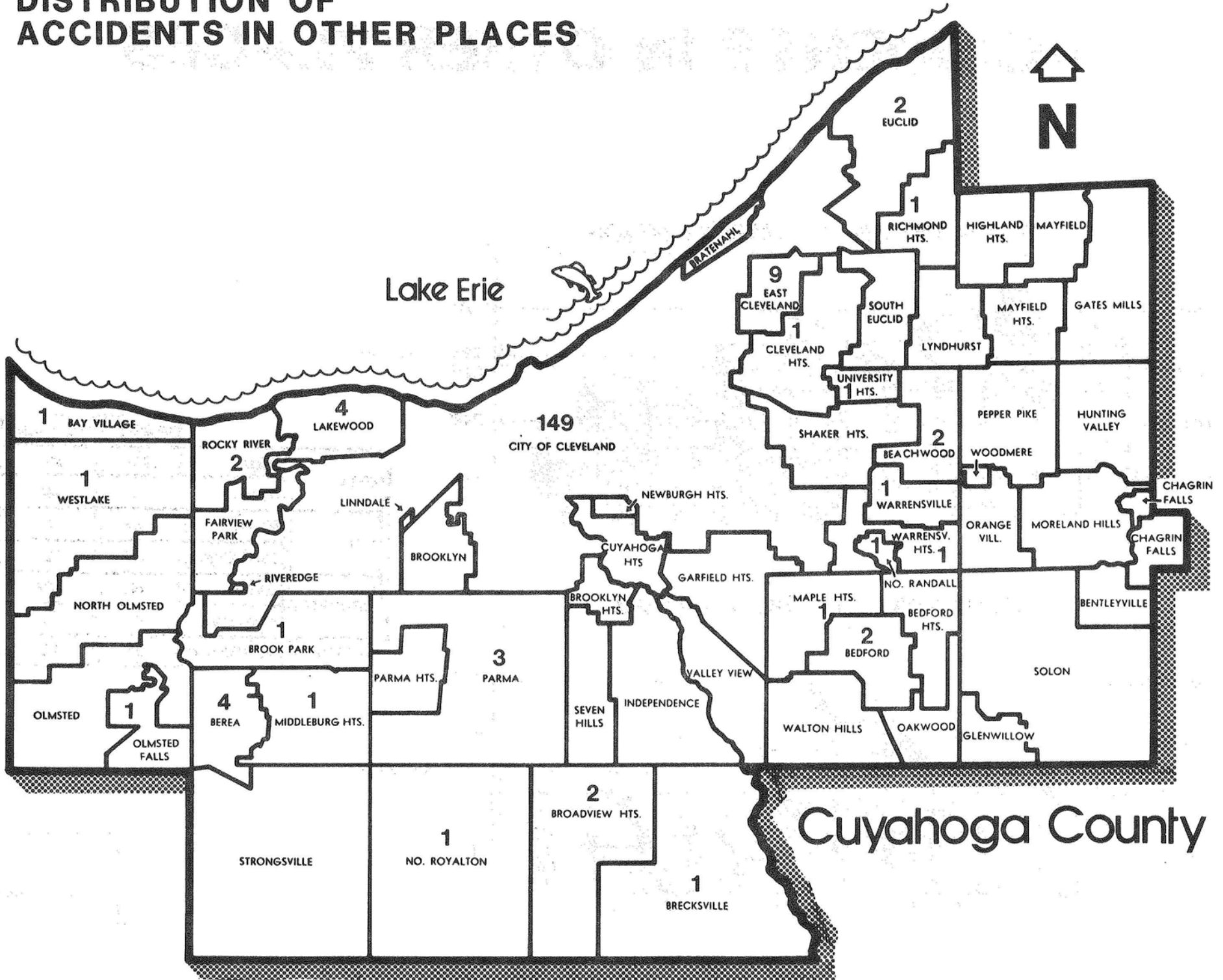


		NUMBER	PERCENT
SEX	MALE	113	56
	FEMALE	88	44
RACE	WHITE	157	78
	NON-WHITE	44	22
ALCOHOL	TESTED	44	22
	POSITIVE	13	30
AUTOPSY	AUTOPSIED	57	28

1985  
TOTAL CASES  
201

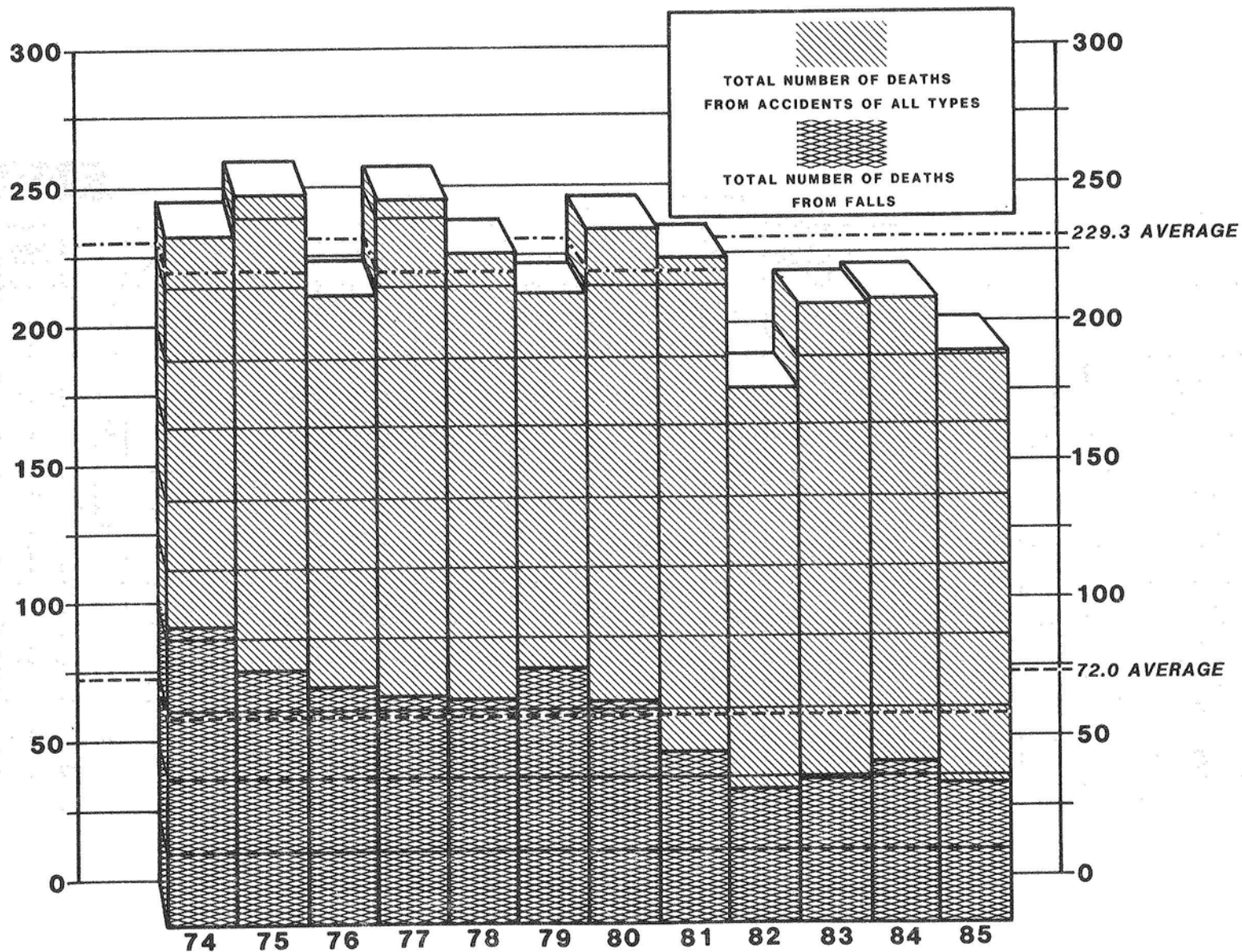


# DISTRIBUTION OF ACCIDENTS IN OTHER PLACES





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





# FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

## MONTHLY ALCOHOL INCIDENCE

**TABLE 25**

MONTH	TOTAL	NOT TESTED																		TESTED						STAGES												
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
JANUARY	17	10	7	9	5	1	2			9	7	3	2	1		5	5	1		1																		
FEBRUARY	16	11	5	8	2	3	3			7	5	6	2			1	3	4		1		3		1							1				1			
MARCH	15	9	6	7	6	2				7	6	4	1	1		2	5	2		1		1						1										
APRIL	21	12	9	8	8	4	1			11	9	6	5		1	5	3	1		1																		
MAY	18	8	10	5	7	2	3	1		7	7	7	4			3	1	3		3	1							1										
JUNE	25	16	9	14	8	2	1			9	9	6	5	1	1	2	3	7		5		2						2										
JULY	20	15	5	8	1	5	3	2	1	11	4	6	2	2		3	2	4	1	3	1	1				1												
AUGUST	13	6	7	4	6	2			1	4	6	2	4		1	2	1	2	1		1	2				1												
SEPTEMBER	12	4	8	2	7	2	1			2	7	1	3			1	4	2	1	2	1																	
OCTOBER	15	6	9	6	7		2			1	8	1	7			1	5	1		5	1																	
NOVEMBER	14	7	7	5	5	1	2	1		4	5	2	3			2	2	3	2	1	2	2						2										
DECEMBER	15	9	6	6	5	1	1	2		7	5	5	3			2	2	2	1	1	1	1				1												
TOTAL	201	113	88	82	67	25	19	6	2	79	78	49	41	5	3	25	34	34	10	21	10	13				1		2			1						1	

# FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

## AGE-RACE-ALCOHOL INCIDENCE

**TABLE 26**

AGE	RACE	TOTAL	NOT TESTED												TESTED						STAGES											
			Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over			
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 Year	White	7	4	3	4	3	2	1	1	2	1																					
	Non-White	1	1			1																										
1 - 4	White	3	3			1		2																								
	Non-White	1	1									1	1																			
5 - 9	White																															
	Non-White																															
10 - 14	White	2	2			2		1		1																						
	Non-White	3	2	1	1	1				1	1																					
15 - 19	White	3		3		3		1				2																				
	Non-White	1	1									1	1																			
20 - 24	White	1	1									1				1																
	Non-White	1		1		1					1																					
25 - 29	White	4	4		1					1		3	2	1																		
	Non-White																															
30 - 34	White	3	3		1		1					2			2		1															
	Non-White	3	3									3	1	2																		
35 - 39	White	6	4	2		2		1			1	4	2	2					2													
	Non-White	3	1	2		1		1				1	1	1	1																	
40 - 44	White	1	1									1		1																		
	Non-White	3	1	2		1	2	1	1			1																				
45 - 49	White	5	4	1	3	1	1				2	1	1	1																		
	Non-White	2	2		2		2																									
50 - 54	White	12	9	3	9	3	5	1			4	2																				
	Non-White	5	5		3		2				1		2	1	1														1			
55 - 59	White	14	8	6	6	6	5	3			1	3	2	1	1																	
	Non-White	2	1	1	1	1	1	1																								
60 - 64	White	15	10	5	9	5	4	3			5	2	1		1																	
	Non-White	7	3	4	2	3	2	3						1	1	1	1															
65 - 69	White	14	9	5	6	5	4	1			2	4	3	2		1																
	Non-White	3	1	2	1	2	1	2																								
70 - 74	White	23	11	12	11	11	7	8			4	3		1		1																
	Non-White	2		2		1						1		1		1																
75 - 79	White	13	4	9	3	7	2	3			1	4	1	2	1	2																
	Non-White																															
80 - over	White	31	10	21	8	17	6	9			2	8	2	4	2	4																
	Non-White	7	4	3	1	3		2			1	1	3	2		1																
TOTAL	White	157	87	70	66	63	39	31	4	2	23	30	21	7	13	7	8		1	2					4	1						
	Non-White	44	26	18	13	15	10	10	1	1	2	4	13	3	8	3	5									3			1			
GRAND TOTAL		201	113	88	79	78	49	41	5	3	25	34	34	10	21	10	13		1	2					7	1			1			



# FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

## MODE - ALCOHOL INCIDENCE

**TABLE 27**

MODE	TOTAL	NOT TESTED												TESTED						STAGES																	
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
ASPHYXIA	10	10		4	5		1		2					2				8		3		5		1		2											
BURNING	1	1			1													1		1																	
CRUSHING	1	1		1														1		1																	
EXPOSURE	2	2		2					1		1							1		1																	
FALLING	48	21	27	8	13	9	12	4	2	16	22	14	13		2	9	5	5	1	5	4				1		2							1			
POISONING	7	6	1	5		1	1										6	1	3	1	3						2		1								
SHOOTING	2	2		2													2		2																		
STRUCK BY OBJECT	3	3		2		1			2		1		1				1				1					1											
STRUCK BY TRAIN	1	1		1													1		1																		
THERAPEUTIC COMPLICATION	123	64	59	56	54	8	5			56	55	31	27	2	3	23	25	8	4	8	4																
MISCELLANEOUS*	3	2	1	1			1	1		2	1	2	1																								
<b>TOTAL</b>	<b>201</b>	<b>113</b>	<b>88</b>	<b>82</b>	<b>67</b>	<b>25</b>	<b>19</b>	<b>6</b>	<b>2</b>	<b>79</b>	<b>78</b>	<b>49</b>	<b>41</b>	<b>5</b>	<b>3</b>	<b>25</b>	<b>34</b>	<b>34</b>	<b>10</b>	<b>21</b>	<b>10</b>	<b>13</b>		<b>1</b>		<b>2</b>		<b>1</b>		<b>7</b>		<b>1</b>		<b>1</b>			

\* Body injury while being turned in bed, Head injury during seizure, Wedged between side rail and bed.

# 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				
<b>ASPHYXIA:</b>																																			
Drowning	9	9		3		5		1		2				2				7	2				1				2								
Hanging	1	1		1														1	1																
<b>TOTAL</b>	<b>10</b>	<b>10</b>		<b>4</b>		<b>5</b>		<b>1</b>		<b>2</b>				<b>2</b>				<b>8</b>	<b>3</b>			<b>1</b>				<b>2</b>									
<b>BURNING:</b>																																			
Scalding	1	1				1												1	1																
<b>TOTAL</b>	<b>1</b>	<b>1</b>				<b>1</b>												<b>1</b>	<b>1</b>																
<b>CRUSHING:</b>																																			
Pickup Truck	1	1		1														1	1																
<b>TOTAL</b>	<b>1</b>	<b>1</b>		<b>1</b>														<b>1</b>	<b>1</b>																
<b>EXPOSURE:</b>																																			
Cold	2	2		2						1		1						1	1																
<b>TOTAL</b>	<b>2</b>	<b>2</b>		<b>2</b>						<b>1</b>		<b>1</b>						<b>1</b>	<b>1</b>																
<b>POISONING:</b>																																			
Chloral Hydrate	1	1		1														1	1																
Ethanol and Opiate	1	1		1														1									1								
Ethanol, Doxepin and Propranolol	1	1				1												1			1								1						
Ethanol, Heroin and Cocaine	1	1		1														1			1							1							
Ethanol, Opiate and Benzodiazepines	1	1		1														1	1																
Pentobarbital, Desalkyl-flurazepam and Acetaminophen	1		1															1		1															
Methodone, Morphine, Cocaine and Phenylpropanolamine	1	1		1														1	1													2	1		
<b>TOTAL</b>	<b>7</b>	<b>6</b>	<b>1</b>	<b>5</b>		<b>1</b>	<b>1</b>											<b>6</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>3</b>								<b>2</b>	<b>1</b>				





# FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

## MODE - AGE GROUPS

**TABLE 30**

MODE	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
	ASPHYXIA			1				1						3	1	2				1																		10		
BURNING																																				1		1		1
CRUSHING																																				1		1		1
EXPOSURE																							2															2		2
FALLING			1				1			1				1									2	2	2	2			4	1	6	8	17	21	27	48		48		
POISONING			1										4	1																						1	6	1	7	
SHOOTING							1																				1											2		2
STRUCK BY OBJECT			1											1									1															3		3
STRUCK BY TRAIN																	1																					1		1
THERAPEUTIC COMPLICATION	5	3					1	1	1	3		1	1				1	4	1	2	4	1	9	3	7	7	9	9	7	7	11	10	3	3	4	5	64	59	123	
MISCELLANEOUS																					1																1	2	1	3
<b>TOTAL</b>	<b>5</b>	<b>3</b>	<b>4</b>				<b>4</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>4</b>		<b>6</b>	<b>5</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>6</b>	<b>1</b>	<b>14</b>	<b>3</b>	<b>9</b>	<b>7</b>	<b>13</b>	<b>9</b>	<b>10</b>	<b>7</b>	<b>11</b>	<b>14</b>	<b>4</b>	<b>9</b>	<b>14</b>	<b>24</b>	<b>113</b>	<b>88</b>	<b>201</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		
E 880 - From Stairs	6	4	2	4	1	4	1						1		1														
E 884 - From One Level to Another																													
Auto	1		1		1		1																						
Bed	7	2	5	2	4	2	2				2		1		1														
Cane	1	1		1		1																							
Chair	1		1		1		1																						
Cliff	1	1		1		1																							
Commode	2		2		2		1				1																		
Wheelchair	2	1	1	1	1	1					1																		
E 885 - On Same Level	17	8	9	5	6	4	4			1	2	3	3	1	3	2			1		1								
E 888 - Unspecified	10	4	6	2	6	1	3			1	3	2			2					1						1			
<b>TOTAL</b>	<b>48</b>	<b>21</b>	<b>27</b>	<b>16</b>	<b>22</b>	<b>14</b>	<b>13</b>			<b>2</b>	<b>9</b>	<b>5</b>	<b>5</b>	<b>1</b>	<b>5</b>	<b>4</b>			<b>1</b>		<b>2</b>					<b>1</b>			

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

# FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

## FALLS - AGE GROUPS

**TABLE 32**

FALLS BY CODE*	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
	E 880 - From Stairs			1																				1				2			1					1	4	2		6
E 884 - From One Level																																								
To Another																																								
Auto																																					1	1		
Bed																																				2	5	2	5	7
Cane																																				1		1		
Chair																																					1		1	
Cliff							1																															1	1	
Commode																																					2		2	2
Wheelchair																																				1	1	1	1	2
E 885 - On Same Level														1										1	1	2						3		1	3	5	8	9	17	
E 888 - Unspecified											1													1												2	6	4	6	10
TOTAL			1				1				1												2	2	2	2			4		2	9	21	21	27	48				

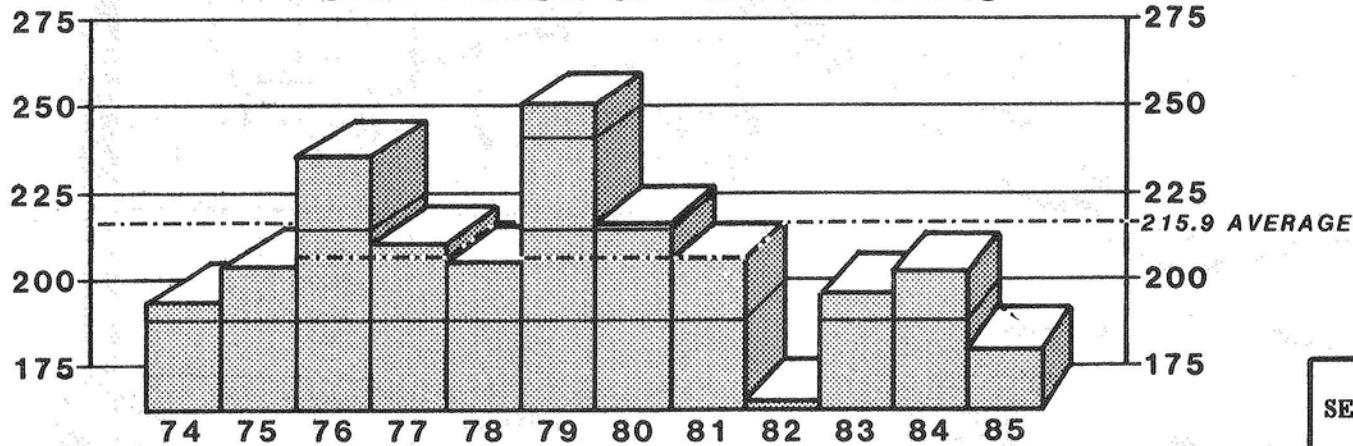
\* International Classification of Diseases by World Health Organization: Ninth Revision.



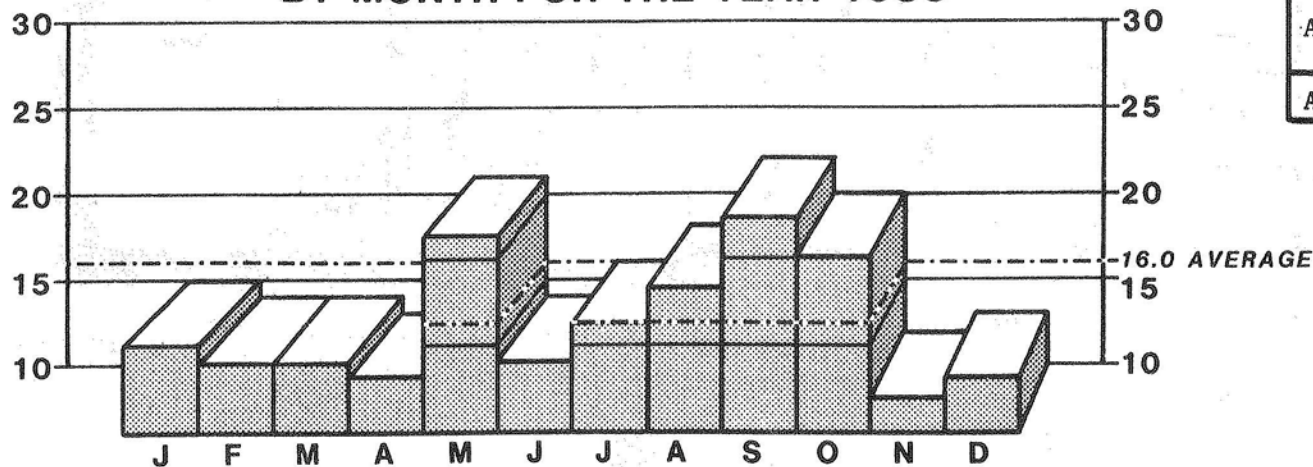


# VEHICULAR ACCIDENTS

FOR A PERIOD OF TWELVE YEARS



BY MONTH FOR THE YEAR 1985

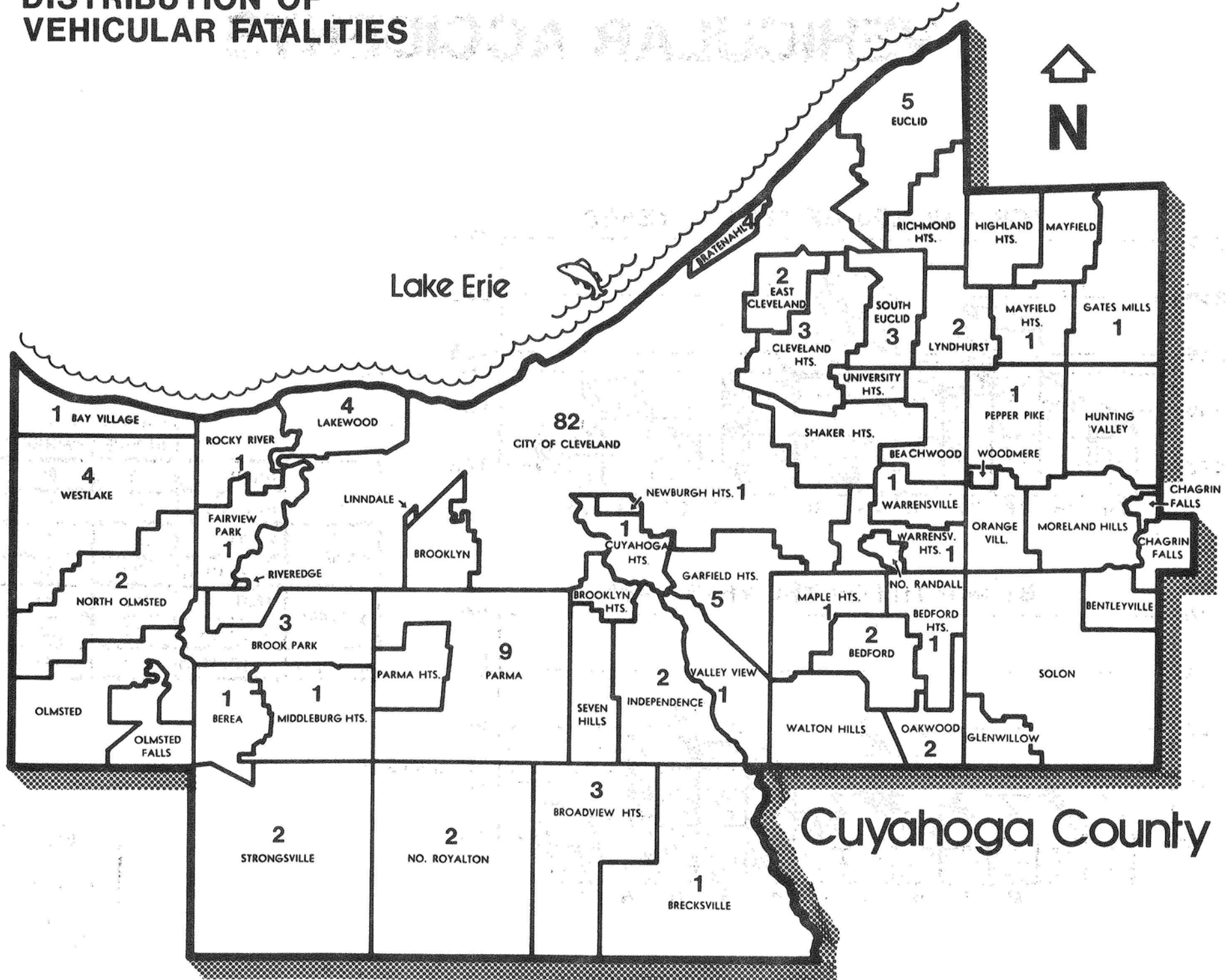


		NUMBER	PERCENT
SEX	MALE	126	66
	FEMALE	66	34
RACE	WHITE	160	83
	NON-WHITE	32	17
ALCOHOL	TESTED	152	79
	POSITIVE	64	42
AUTOPSY	AUTOPSIED	192	100

1985
TOTAL CASES
192



# 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 EFFECTS OF ALCOHOL

## SOMESTHETO-PSYCHIC AREA

AFFECTED BY 0.10-0.30% ALCOHOL

DULLED OR DISTORTED SENSIBILITIES

## PSYCHOMOTOR AREA

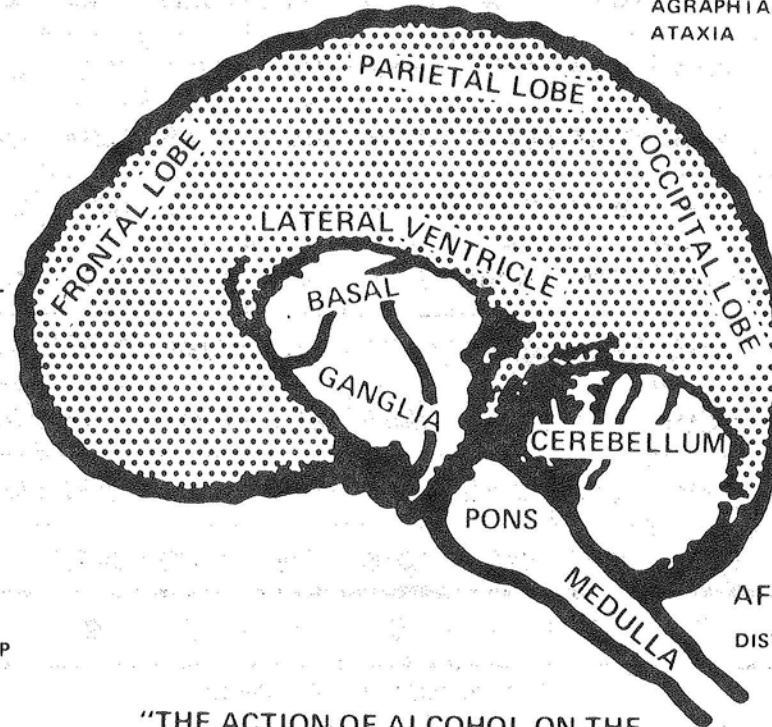
AFFECTED BY 0.10-0.20% ALCOHOL

APRAXIA    TREMORS  
 AGRAPHIA    SLURRED SPEECH  
 ATAXIA    LOSS OF SKILL

## FRONTAL LOBE

AFFECTED BY 0.01-0.10% ALCOHOL

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



## 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

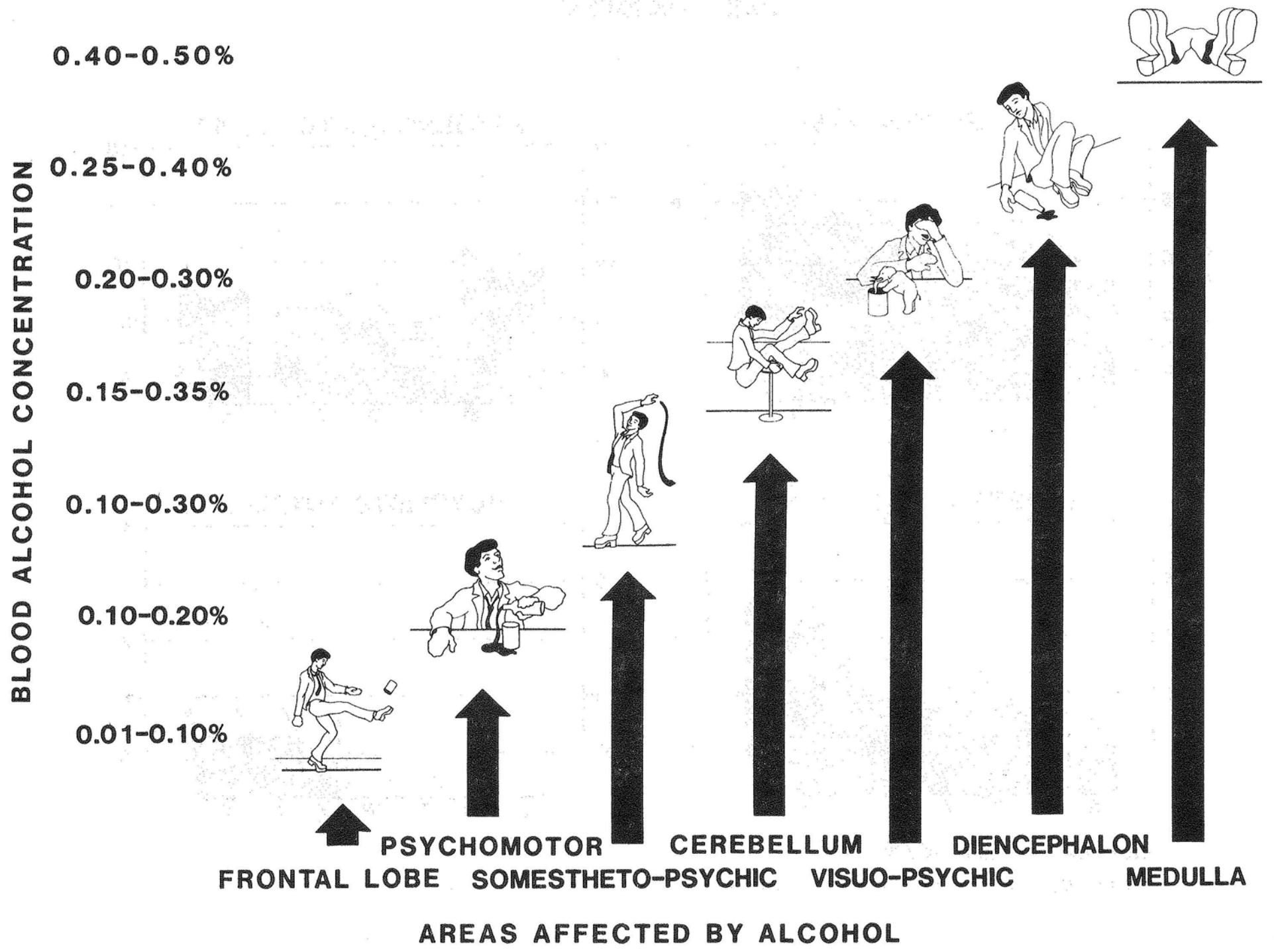
APATHY  
 INERTIA  
 TREMORS  
 CESSATION OF AUTOMATIC MOVEMENTS  
 SWEATING  
 DILATION OF SURFACE CAPILLARIES  
 STUPOR  
 COMA

## MEDULLA

AFFECTED BY 0.40-0.50% ALCOHOL

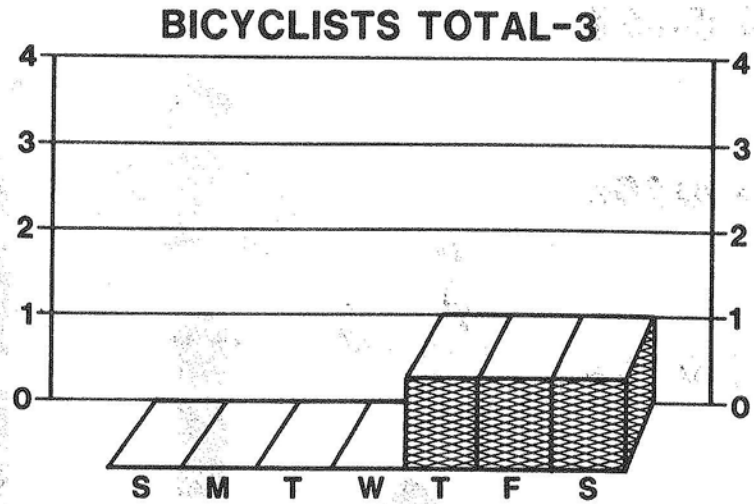
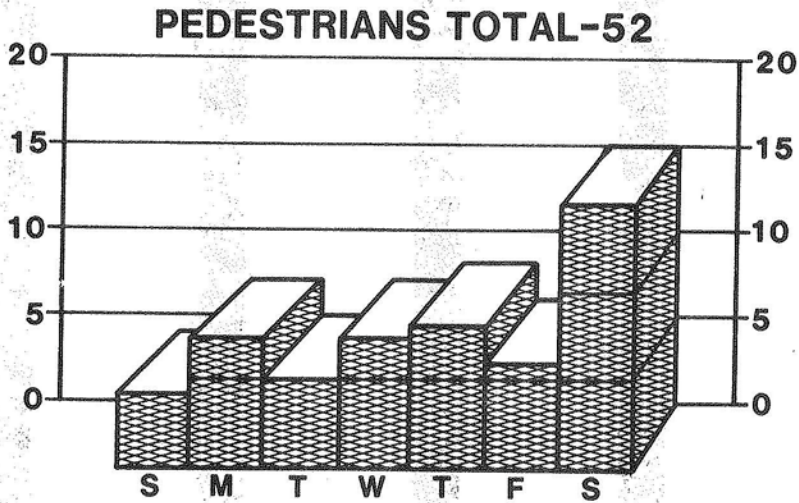
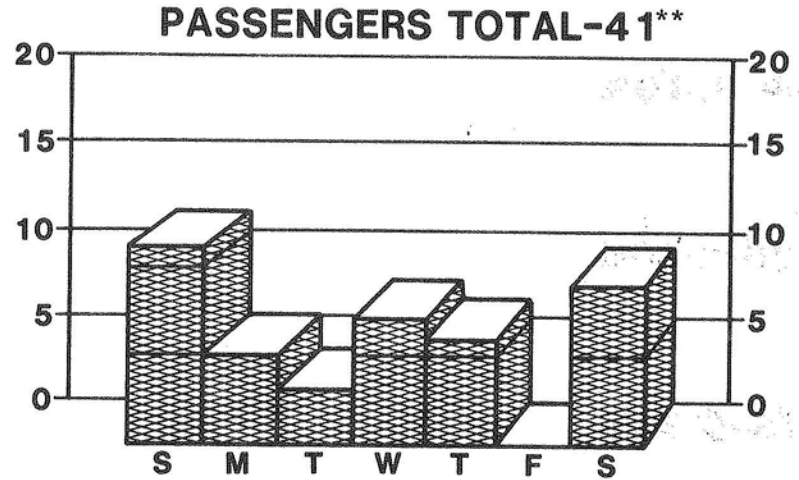
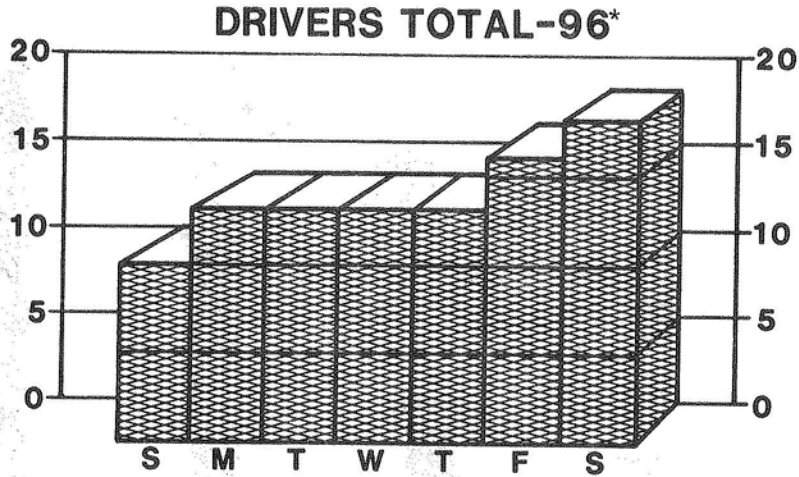
DEPRESSION OF RESPIRATION  
 PERIPHERAL COLLAPSE  
 SUBNORMAL TEMPERATURE  
 DEATH

# ALCOHOL EFFECTS ON BRAIN DEMONSTRATED PICTORIALLY





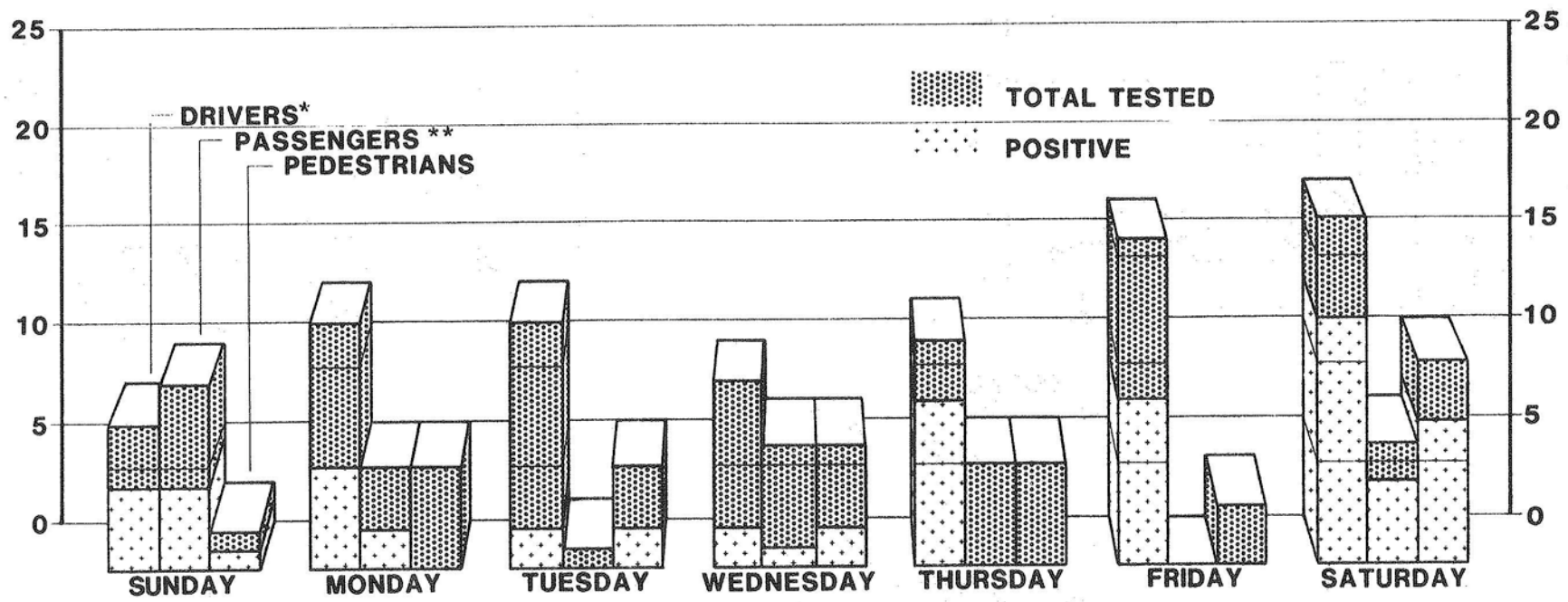
# VEHICULAR FATALITIES DAILY INCIDENCE



INCLUDES 20 MOTORCYCLISTS

INCLUDES 3 MOTORCYCLE PASSENGERS

# VEHICULAR FATALITIES DAILY ALCOHOL INCIDENCE



\* INCLUDES 20 MOTORCYCLE DRIVERS AND 3 BICYCLE DRIVERS

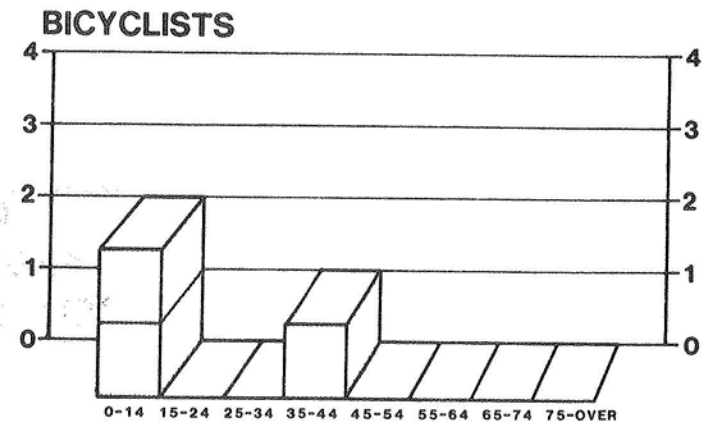
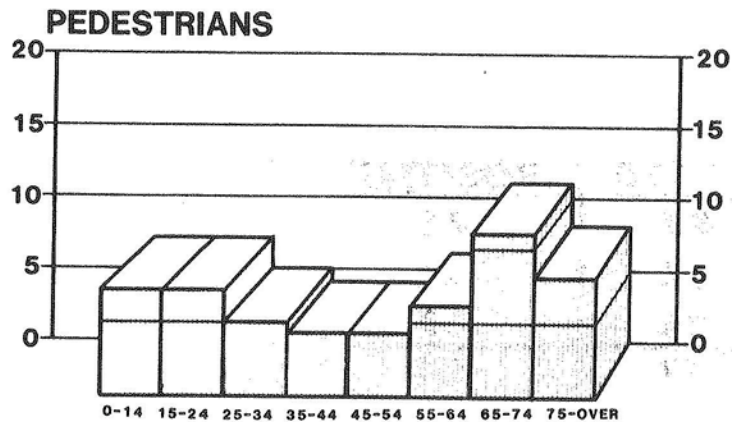
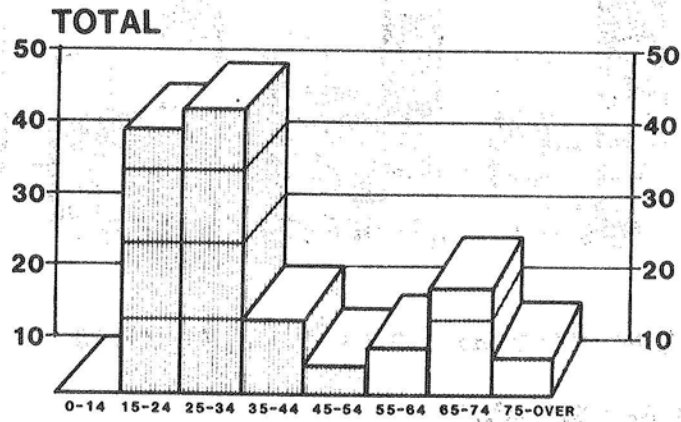
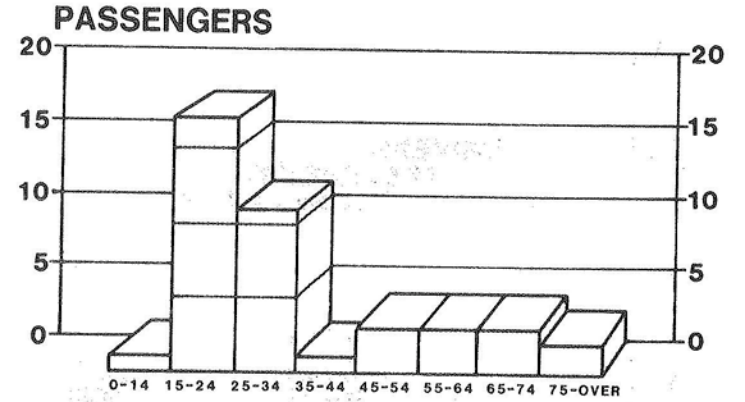
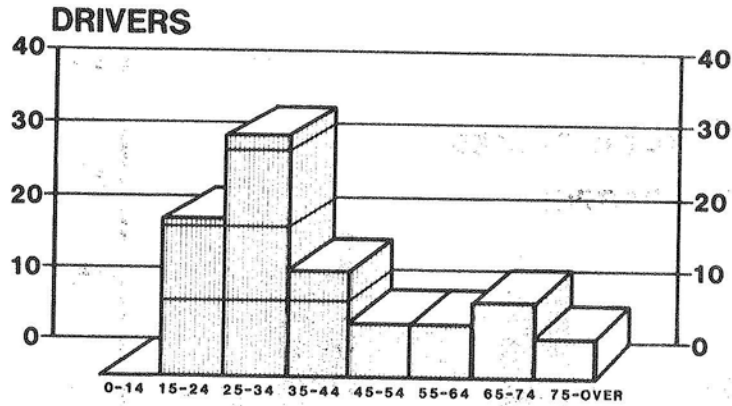
\*\* INCLUDES 3 MOTORCYCLE PASSENGERS

	TESTED	POSITIVE
DRIVERS	84	41
PASSENGERS	32	11
PEDESTRIANS	36	12
TOTAL	152	64



# VEHICULAR FATALITIES

## AGE GROUPS-CLASSIFICATION OF VICTIMS



## 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					
BICYCLIST	3	2	1			1	1	1				1	1	1	1			1		1																
DRIVER*	96	75	21	26	7	39	9	9	3	1	2	10	3	9	3		1	65	18	29	13	36	5	1		5	6	2	9	2	8	5	1	2		
PASSENGER**	41	19	22	10	7	4	10	3	5	2		5	4	5	4			14	18	8	13	6	5			1	3		1		1	2	2	1		
PEDESTRIAN	52	30	22	19	13	5	8	6	1			12	4	6	3	5	1	1	1	18	18	11	13	7	5		1	2		4	1	4				
<b>TOTAL</b>	<b>192</b>	<b>126</b>	<b>66</b>	<b>55</b>	<b>27</b>	<b>49</b>	<b>28</b>	<b>19</b>	<b>9</b>	<b>3</b>	<b>2</b>	<b>28</b>	<b>12</b>	<b>21</b>	<b>11</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>98</b>	<b>54</b>	<b>49</b>	<b>39</b>	<b>49</b>	<b>15</b>	<b>1</b>	<b>2</b>	<b>10</b>	<b>6</b>	<b>7</b>	<b>10</b>	<b>3</b>	<b>12</b>	<b>2</b>	<b>7</b>	<b>1</b>	<b>3</b>

\* Drivers include 20 motorcyclists.

\*\* Passengers include 3 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					
JANUARY	15	10	5	5	3	4	1	1	1			2		2				8	5	3	4	5	1			2		1	2	1						
FEBRUARY	14	8	6	5	2	2	3	1	1			2	1	1	1	1		6	5	5	4	1	1			1		1								
MARCH	14	11	3	8	1	1	2	2				3		3				8	3	4	2	4	1			2		1	1	1						
APRIL	13	9	4	4	1	3	2	1		1	1							9	4	6	2	3	2			1		1	1	1	1	1				
MAY	21	15	6	6	2	6	4	3				2	1	2	1			13	5	5	4	8	1	1				1	2	3	1	1				
JUNE	14	8	6	2	3	6	1		2			4	3	2	3	1	1	4	3	2	3	2				1				1						
JULY	16	11	5	5	2	3	2	3	1			3	1	3	1			8	4	7	2	1	2			1				1	1					
AUGUST	18	13	5	3	3	6	1	3	1	1		4	1	2	1	1	1	9	4	2	3	7	1			1		1	1	2		2		1		
SEPTEMBER	22	12	10	6	1	4	6	2	3			3	3	1	3	2		9	7	6	6	3	1			1		1	1	1						
OCTOBER	20	12	8	6	5	4	2	1		1	1	3	1	3	1			9	7	3	3	6	4			1		2	1	1	3	2				
NOVEMBER	12	8	4	4	1	4	3					1		1				8	3	2	3	6				2		1	1			1	1			
DECEMBER	13	9	4	1	3	6	1	2				2		2				7	4	4	3	3	1			2				1	1					
<b>TOTAL</b>	<b>192</b>	<b>126</b>	<b>66</b>	<b>55</b>	<b>27</b>	<b>49</b>	<b>28</b>	<b>19</b>	<b>9</b>	<b>3</b>	<b>2</b>	<b>28</b>	<b>12</b>	<b>21</b>	<b>11</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>98</b>	<b>54</b>	<b>49</b>	<b>39</b>	<b>49</b>	<b>15</b>	<b>1</b>	<b>2</b>	<b>10</b>	<b>6</b>	<b>7</b>	<b>10</b>	<b>3</b>	<b>12</b>	<b>2</b>	<b>7</b>	<b>1</b>	<b>3</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	25	15	10	4	3	4	3					11	7	4	5	7	2		1	2		1	1	1		1		2			
MONDAY	25	15	10	2	1	2	1					13	9	8	7	5	2	1		1		1	1	1	1			1			
TUESDAY	21	15	6	2	1	2	1					13	5	9	5	4				1						3					
WEDNESDAY	27	13	14	4	2	3	2	1				9	12	7	9	2	3					1			1	1	1	1			
THURSDAY	28	16	12	5	2	4	1		1	1		11	10	5	8	6	2			2		1	1	1	1	1			1		
FRIDAY	23	21	2	4		2		2				17	2	9	2	8				1		2		2		1		2			
SATURDAY	43	31	12	7	3	4	3	2		1		24	9	7	3	17	6		1	3		1	3	5	1	5	1	1		2	
<b>TOTAL</b>	<b>192</b>	<b>126</b>	<b>66</b>	<b>28</b>	<b>12</b>	<b>21</b>	<b>11</b>	<b>5</b>	<b>1</b>	<b>2</b>		<b>98</b>	<b>54</b>	<b>49</b>	<b>39</b>	<b>49</b>	<b>15</b>	<b>1</b>	<b>2</b>	<b>10</b>		<b>6</b>	<b>7</b>	<b>10</b>	<b>3</b>	<b>12</b>	<b>2</b>	<b>7</b>	<b>1</b>	<b>3</b>	

# VEHICULAR FATALITIES AGE-RACE-ALCOHOL INCIDENCE

## TABLE 36

AGE	RACE	TOTAL	NOT TESTED										TESTED						STAGES											
			Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 Year	White	2	1	1	1	1		1	1																					
	Non-White																													
1 - 4	White																													
	Non-White	2	2		2				2																					
5 - 9	White	3	1	2	1	2		1	1	1																				
	Non-White	1	1		1				1																					
10 - 14	White	2	2									2	2																	
	Non-White																													
15 - 19	White	17	10	7	1	2	1	2				9	5	6	4	3	1		1		1	1				1				
	Non-White	2	1	1								1	1	1	1															
20 - 24	White	22	18	4	5	1	5	1				13	3	3	1	10	2		1	3		3	2	1	1				1	
	Non-White	4	3	1								3	1	1	1	2			1			1								
25 - 29	White	28	19	9	4	1	2	1			2	15	8	6	3	9	5	1			2	3	1	1	4	1	1			
	Non-White	6	5	1								5	1	3	1	2									1	1				
30 - 34	White	10	8	2								8	2	3	1	5	1			1		1	1	1		1	1	1		
	Non-White	4	2	2								2	2	1		1	2		1						1	1				
35 - 39	White	7	5	2	1		1					4	2		1	4	1				1	2				2				
	Non-White	3	2	1								2	1			2	1		1		1			1						
40 - 44	White	10	8	2	2		2					6	2	4	2	2			1						1					
	Non-White																													
45 - 49	White	8	5	3								5	3	3	2	2	1				1	2								
	Non-White																													
50 - 54	White	5	3	2	1		1					2	2	1	2	1									1					
	Non-White	1	1									1			1										1					
55 - 59	White	8	6	2	2	1	2	1				4	1	2		2	1						1	1					1	
	Non-White	2	2		1		1					1				1			1											
60 - 64	White	4	3	1								3	1	3	1															
	Non-White	2	1	1								1	1		1	1			1											
65 - 69	White	12	4	8	1		1					3	8	3	8															
	Non-White	1	1									1				1			1											
70 - 74	White	10	6	4	3	1	3	1				3	3	3	3															
	Non-White	1	1									1		1																
75 - 79	White	3	1	2								1	2	1	2															
	Non-White	2	1	1								1	1	1	1															
80 - over	White	9	3	6	2	3	2	3				1	3	1	3															
	Non-White	1		1								1		1																
TOTAL	White	160	103	57	24	12	20	11	2	1	2	79	45	41	33	38	12	1	1	5		6	6	9	3	9	1	5	1	3
	Non-White	32	23	9	4		1		3			19	9	8	6	11	3		1	5		1	1		3	1	2			
GRAND TOTAL		192	126	66	28	12	21	11	5	1	2	98	54	49	39	49	15	1	2	10		6	7	10	3	12	2	7	1	3



# VEHICULAR FATALITIES

## TYPE OF ACCIDENT-ALCOHOL INCIDENCE

### TABLE 37

TYPE	TOTAL	NOT TESTED												TESTED						STAGES																			
		Total		Cleve.		County		Out of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
<b>NON-TRAFFIC:</b>																																							
Collision	3	3				2	1													3	1		2															1	
Non-Collision	3	1	2	1			1	1				1	1							1	1		1	1													1		
<b>TOTAL</b>	<b>6</b>	<b>4</b>	<b>2</b>	<b>1</b>			<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>			<b>1</b>	<b>1</b>					<b>4</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>3</b>													<b>1</b>	<b>1</b>		
<b>TRAFFIC:</b>																																							
Collision	181	118	63	53	27	46	27	17	8	2	1	28	11	21	10	5	1	2	90	52	47	37	43	15			2	8		5	7	10	3	11	2	6	1	3	
Non-Collision	5	4	1	1		1	1	1	1										4	1	1	1	3			1	1		1										
<b>TOTAL</b>	<b>186</b>	<b>122</b>	<b>64</b>	<b>54</b>	<b>27</b>	<b>47</b>	<b>27</b>	<b>18</b>	<b>8</b>	<b>3</b>	<b>2</b>	<b>28</b>	<b>11</b>	<b>21</b>	<b>10</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>94</b>	<b>53</b>	<b>48</b>	<b>38</b>	<b>46</b>	<b>15</b>			<b>1</b>	<b>2</b>	<b>9</b>		<b>6</b>	<b>7</b>	<b>10</b>	<b>3</b>	<b>11</b>	<b>2</b>	<b>6</b>	<b>1</b>	<b>3</b>
<b>TOTALS:</b>																																							
Non-Traffic	6	4	2	1		2	1	1	1			1	1						4	1	1	1	3			1									1	1			
Traffic	186	122	64	54	27	47	27	18	8	3	2	28	11	21	10	5	1	2	94	53	48	38	46	15			1	2	9		6	7	10	3	11	2	6	1	3
<b>TOTAL</b>	<b>192</b>	<b>126</b>	<b>66</b>	<b>55</b>	<b>27</b>	<b>49</b>	<b>28</b>	<b>19</b>	<b>9</b>	<b>3</b>	<b>2</b>	<b>28</b>	<b>12</b>	<b>21</b>	<b>11</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>98</b>	<b>54</b>	<b>49</b>	<b>39</b>	<b>49</b>	<b>15</b>			<b>1</b>	<b>2</b>	<b>10</b>		<b>6</b>	<b>7</b>	<b>10</b>	<b>3</b>	<b>12</b>	<b>2</b>	<b>7</b>	<b>1</b>	<b>3</b>

## NON-TRAFFIC ALCOHOL INCIDENCE

### TABLE 38

TYPE	TOTAL	NOT TESTED												TESTED						STAGES																						
		Total		Cleve.		County		Out of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over				
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
<b>COLLISION:</b>																																										
Auto-Fixed Object Driver of auto that struck brick pillar in parking lot	1	1				1														1			1																	1		
Passenger of auto that struck brick pillar in parking lot	1	1				1														1			1																			
Truck-Pedestrian Struck by truck backing up in parking lot	1	1						1											1	1																						
<b>NON-COLLISION:</b>																																										
Driver of auto that drove into river	1	1		1															1			1																	1			
Driver of auto that was ejected and then run over	1		1				1												1		1																					
Passenger fell off moving vehicle	1		1					1					1	1																												
<b>TOTAL</b>	<b>6</b>	<b>4</b>	<b>2</b>	<b>1</b>		<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>			<b>1</b>	<b>1</b>						<b>4</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>3</b>														<b>1</b>	<b>1</b>				

# VEHICULAR FATALITIES TRAFFIC-COLLISION-ALCOHOL INCIDENCE

## TABLE 39

TYPE	TOTAL	NOT TESTED												TESTED						STAGES																		
		Total		Cleve.		County		Out of County		Turn-pike		Total	Surv'd Too Long		Under Age		Other	Total	Neg.		Pos.		0.01% 0.04%	0.05% 0.09%	0.10% 0.14%	0.15% 0.19%	0.20% 0.24%	0.25% 0.29%	0.30% or over									
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F							
<b><u>PEDESTRIAN</u></b>																																						
Auto	34	21	13	14	7	2	5	5	1			9	4	4	3	4	1	1		12	9	7	5	5	4			1	2			3			3			
Bicycle	1	1				1						1		1																								
Bus	2	1	1			1	1													1	1	1	1															
Motorcyclist	1	1				1														1			1															
Truck	13	6	7	5	4	1	3					2		1		1				4	7	2	6	2	1							1	1		1			
<b><u>AUTO-AUTO</u></b>																																						
Driver	20	14	6	5	2	8	4	1				3	1	3	1					11	5	8	3	3	2			1		1	1	1	1	1				
Passenger	14	6	8	3	3	2	2	1	3			3	2	3	2					3	6	3	5	1									1					
<b><u>AUTO-BICYCLE</u></b>																																						
Bicyclist	3	2	1			1	1	1				1	1	1	1					1		1																
<b><u>AUTO-BUS</u></b>																																						
Driver	3	3		1		2														3		1		2										1				
<b><u>AUTO-FIXED OBJECT</u></b>																																						
Driver	30	22	8	9	3	10	3	2	2	1		2	1	2	1					20	7	8	5	12	2			2		1		3	1	4		1	1	1
Passenger	14	5	9	4	3	1	5		1			1	1	1	1					4	8	1	6	3	2			1					1		1	1	1	
<b><u>AUTO-MOTORCYCLE</u></b>																																						
Motorcyclist	7	7		2		5														7		4		3									1			2		
Passenger	2		2				2													2			1		1			1										
<b><u>AUTO-TRAIN</u></b>																																						
Driver	1		1		1																1		1															
<b><u>AUTO-TRUCK</u></b>																																						
Driver	11	8	3	1		7	1		1			1		1						8	2	2	2	6						1		3				2		
Passenger	4	3	1	1			1	1		1		1		1						2	1	1	1	1												1		
<b><u>MOTORCYCLE-FIXED OBJECT</u></b>																																						
Motorcyclist	9	9		3		3		3				4		3						5		3		2								1		1				
Passenger	1		1			1															1				1											1		
<b><u>MOTORCYCLE-TRUCK</u></b>																																						
Motorcyclist	2	2					2					1		1						1		1																
<b><u>TRUCK-FIXED OBJECT</u></b>																																						
Driver	5	4	1	2	1	2														4	1	2		2	1							1				1		1
Passenger	3	3		2				1												3		2		1					1									
<b><u>TRUCK-TRUCK</u></b>																																						
Driver	1	1		1																1													1					
<b>TOTAL</b>	<b>181</b>	<b>118</b>	<b>63</b>	<b>53</b>	<b>27</b>	<b>46</b>	<b>27</b>	<b>17</b>	<b>8</b>	<b>2</b>	<b>1</b>	<b>28</b>	<b>11</b>	<b>21</b>	<b>10</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>90</b>	<b>52</b>	<b>47</b>	<b>37</b>	<b>43</b>	<b>15</b>	<b>2</b>	<b>8</b>	<b>5</b>	<b>7</b>	<b>10</b>	<b>3</b>	<b>11</b>	<b>2</b>	<b>6</b>	<b>1</b>	<b>3</b>	<b>3</b>		



## 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						
AUTO-AUTO Driver	20	14	6	5	2	8	4	1				3	1	3	1					11	5	8	3	3	2			1		1		1		1							
AUTO-BICYCLE Bicyclist	3	2	1			1	1	1				1	1	1	1					1	1																				
AUTO-BUS Driver	3	3		1		2														3	1		2			1						1									
AUTO-FIXED OBJECT Driver	31	23	8	9	3	11	3	2	2	1		2	1	2	1					21	7	8	5	13	2			2		1		3	1	4		2	1	1			
AUTO-MOTORCYCLE Motorcyclist	7	7		2		5														7	4		3					1				2									
AUTO-TRAIN Driver	1		1		1															1		1																			
AUTO-TRUCK Driver	11	8	3	1		7	1		1		1	1		1						8	2	2	2	6				1		3						2					
MOTORCYCLE-FIXED OBJECT Motorcyclist	9	9		3		3		3				4		3			1			5		3		2				1		1											
MOTORCYCLE-TRUCK Motorcyclist	2	2						2				1		1						1		1																			
TRUCK-FIXED OBJECT Driver	5	4	1	2	1	2														4	1	2		2	1					1						1		1			
TRUCK-TRUCK Driver	1	1		1																1												1									
<b>TOTAL</b>	<b>93</b>	<b>73</b>	<b>20</b>	<b>24</b>	<b>7</b>	<b>39</b>	<b>9</b>	<b>9</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>11</b>	<b>4</b>	<b>10</b>	<b>4</b>		<b>1</b>			<b>62</b>	<b>16</b>	<b>30</b>	<b>11</b>	<b>32</b>	<b>5</b>			<b>4</b>		<b>5</b>	<b>2</b>	<b>9</b>	<b>2</b>	<b>7</b>		<b>5</b>	<b>1</b>	<b>2</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
<b>PEDESTRIAN:</b>																															
Auto	34	21	13	14	7	2	5	5	1			9	4	4	3	4	1	1	12	9	7	5	5	4	1	2		3		3	
Bicycle	1	1				1						1		1																	
Bus	2	1	1		1	1													1	1	1	1									
Motorcycle	1		1		1														1			1									
Truck	14	7	7	5	4	1	3	1				2		1		1			5	7	3	6	2	1			1	1		1	
<b>TOTAL</b>	<b>52</b>	<b>30</b>	<b>22</b>	<b>19</b>	<b>13</b>	<b>5</b>	<b>8</b>	<b>6</b>	<b>1</b>			<b>12</b>	<b>4</b>	<b>6</b>	<b>3</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>18</b>	<b>18</b>	<b>11</b>	<b>13</b>	<b>7</b>	<b>5</b>	<b>1</b>	<b>2</b>		<b>4</b>	<b>1</b>	<b>4</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
<b>PASSENGER:</b>																															
AUTO-AUTO	14	6	8	3	3	2	2	1	3			3	2	3	2				3	6	3	5		1				1			
AUTO-FIXED OBJECT	15	6	9	4	3	2	5		1			1	1	1	1				5	8	1	6	4	2		2		1	1	1	
AUTO-MOTORCYCLE	2		2				2												2		1		1		1						
AUTO-TRUCK	4	3		1				1		1		1		1					2		1		1					1			
MOTORCYCLE-FIXED OBJECT	1		1		1														1				1				1				
TRUCK-FIXED OBJECT	3	3		2				1											3		2		1			1					
<b>TOTAL</b>	<b>39</b>	<b>18</b>	<b>20</b>	<b>10</b>	<b>7</b>	<b>4</b>	<b>9</b>	<b>3</b>	<b>4</b>	<b>1</b>		<b>5</b>	<b>3</b>	<b>5</b>	<b>3</b>			<b>13</b>	<b>17</b>	<b>7</b>	<b>12</b>	<b>6</b>	<b>5</b>	<b>1</b>	<b>3</b>		<b>1</b>	<b>1</b>	<b>2</b>	<b>2</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	
MARCH	1	1		1														1		1																
APRIL	1	1		1														1		1																
JULY	1	1					1											1		1																
OCTOBER	1	1		1														1		1																
<b>TOTAL</b>	<b>4</b>	<b>4</b>		<b>3</b>				<b>1</b>										<b>4</b>		<b>4</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				
CLEAR	153	103	50	44	20	42	22	16	7	1	1	24	10	17	9	5	1	2	79	40	40	29	39	11	1	2	7		5	4	7	2	9	2	7	1	3
CLOUDY	7	4	3		2	3	1	1											4	3	2	2	2	1					1	1			1				
FOG	0																																				
RAIN	26	17	9	10	4	3	4	2		2	1	4	2	4	2			13	7	7	5	6	2			3			1	1	1	2					
SNOW	4	1	3	1	1		1	1											1	3		2	1	1					1	1							
UNKNOWN	2	1	1			1		1											1	1		1	1						1								
<b>TOTAL</b>	<b>192</b>	<b>126</b>	<b>66</b>	<b>55</b>	<b>27</b>	<b>49</b>	<b>28</b>	<b>19</b>	<b>9</b>	<b>3</b>	<b>2</b>	<b>28</b>	<b>12</b>	<b>21</b>	<b>11</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>98</b>	<b>54</b>	<b>49</b>	<b>39</b>	<b>49</b>	<b>15</b>	<b>1</b>	<b>2</b>	<b>10</b>		<b>6</b>	<b>7</b>	<b>10</b>	<b>3</b>	<b>12</b>	<b>2</b>	<b>7</b>	<b>1</b>	<b>3</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					
DRY	139	94	45	38	17	40	20	15	7	1	1	20	10	14	9	4	1	2	74	35	37	25	37	10	1	2	7	4	4	7	2	8	1	7	1	3
ICE	3	3		2				1											3		1	2					1	1								
SNOW	14	6	8	2	5	3	2	1	1			3		2		1			3	8	1	5	2	3				1	2			1	1			
WET	34	22	12	13	5	5	6	2		2	1	5	2	5	2				17	10	10	8	7	2			3		1	1	1	3				
UNKNOWN	2	1	1			1				1									1	1		1	1						1							
<b>TOTAL</b>	<b>192</b>	<b>126</b>	<b>66</b>	<b>55</b>	<b>27</b>	<b>49</b>	<b>28</b>	<b>19</b>	<b>9</b>	<b>3</b>	<b>2</b>	<b>28</b>	<b>12</b>	<b>21</b>	<b>11</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>98</b>	<b>54</b>	<b>49</b>	<b>39</b>	<b>49</b>	<b>15</b>	<b>1</b>	<b>2</b>	<b>10</b>	<b>6</b>	<b>7</b>	<b>10</b>	<b>3</b>	<b>12</b>	<b>2</b>	<b>7</b>	<b>1</b>	<b>3</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			
DAWN	1		1		1														1		1																	
DAY	77	50	27	19	7	17	13	12	5	2	2	17	7	13	6	4	1		33	20	28	19	5	1			2		1	1			1		1			
DUSK	2	2		1		1						1		1					1		1																	
NIGHT WITH STREET LIGHTS	78	53	25	26	13	24	9	3	3			7	4	6	4		1	46	21	13	11	33	10	1	1	7	4	5	6	1	7	2	5	1	3			
NIGHT WITHOUT STREET LIGHTS	32	20	12	9	6	6	6	4		1		3	1	1	1	1		1	17	11	7	7	10	4			1	1		1	1	3	2	4		1		
UNKNOWN	2	1	1			1				1									1	1		1	1							1								
<b>TOTAL</b>	<b>192</b>	<b>126</b>	<b>66</b>	<b>55</b>	<b>27</b>	<b>49</b>	<b>28</b>	<b>19</b>	<b>9</b>	<b>3</b>	<b>2</b>	<b>28</b>	<b>12</b>	<b>21</b>	<b>11</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>98</b>	<b>54</b>	<b>49</b>	<b>39</b>	<b>49</b>	<b>15</b>	<b>1</b>	<b>2</b>	<b>10</b>	<b>6</b>	<b>7</b>	<b>10</b>	<b>3</b>	<b>12</b>	<b>2</b>	<b>7</b>	<b>1</b>	<b>3</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				
	BICYCLIST					1	1												1																			2		1
DRIVER								4	1	10		10	3	6	2	6	1	5	1	3	1		2	4	1	1			5	4	1	2			3	55	21	76		
CYCLIST DRIVER							3		3		8		3		1				1						1												20		20	
PASSENGER		1					3	2	7	3	3	6		1				1	1	1	1		1			2		1	2				1	1		19	19	38		
PEDESTRIAN	1		2		2	1	1		1	4	1	1	3		1	1		2	2			1	3		3	1	2		5	2	1	3		3	2	3	30	22	52	
PASSENGER ON MOTORCYCLE									1		1		1																									3		3
<b>TOTAL</b>	1	1	2		2	2	2		11	8	21	5	24	10	10	4	7	3	8	2	5	3	4	2	8	2	4	2	5	8	7	4	2	3	3	7	126	66	192	

## 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						
	JANUARY								1	2	2		2				1		2	1		1			1	1										1	10	5		15
FEBRUARY				1	1							1		1			1						1	1				1	3	1			1		1	8	6	14		
MARCH							1		5			1			1				1		1			1								1	1					9	4	13
APRIL							2	1	1	1	1	1	2				1							1	1			1	2								15	6	21	
MAY					1		1	1	1		7		1	1	2	1	1						1	1					1	1						1	8	6	14	
JUNE			1				1	2	1		1		1											1		1	1		1	2					1	1		11	5	16
JULY						1		1		2	1	1	1	1			1		1	2			1		1								1	1			13	5	18	
AUGUST		1	1				1		2		2	1	1		1		1	1	1			1						2	1					1			12	10	22	
SEPTEMBER	1				1		2	1	1	2	2	3	1	1	1					1				1	1			1	1	1							12	8	20	
OCTOBER							1		1	1	4	2		1		1	2						1	1		1		2		1			1				12	8	20	
NOVEMBER								2		1	1	2		1										1				1		1				1	1		8	4	12	
DECEMBER						1		1	3		2			1						1				1				1		1					1	9	4	13		
<b>TOTAL</b>	1	1	2		2	2	2		11	8	21	5	24	10	10	4	7	3	8	2	5	3	4	2	8	2	4	2	5	8	7	4	2	3	3	7	126	66	192	



# 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	2		2				2		1	1		1			1		1	2	1							1	11	7	18
FEBRUARY					1	1							1		1			1	1		1			1			1	3	1	1			1		1	10	6	16	
MARCH								1		4			1			1				1			2			1				1	1	1		1		1	11	4	15
APRIL								2	1	1	1		1	2		1		1											1	2							9	4	13
MAY						1			1	1	2		8		1	1	2	1	1					1													15	6	21
JUNE			1							1	1		1		2										2		1	1			1	1				1	9	4	13
JULY							1		2		2	1	1	1	1				1		1	1			1	1			1	1			1			13	4	17	
AUGUST		1	1					1		2			1	1		1		1	1	1	1	1	1					2	1					1	10	7	17		
SEPTEMBER	1				1				2	1	1	1	3	3	1	1	1				1			1	1			1	1							13	8	21	
OCTOBER								1		1	2	4	1		1		1	2					1	1		1		1	1	1		1	1		1	1	12	9	21
NOVEMBER											2		2	2	2		1								1				1		1				1	1	9	5	14
DECEMBER						1			1	3		2			1					1				1			1	1			1			1		10	4	14	
TOTAL	1	1	2		2	2	2		11	7	21	5	24	10	11	4	9	3	8	2	6	3	4	2	8	2	4	4	6	8	8	5	2	3	3	7	132	68	200

# VEHICULAR FATALITIES MAJOR INJURY AND SURVIVAL INTERVAL

## TABLE 48

\* DOA - Dead on arrival at hospital  
 \*\* Includes 20 motorcyclists  
 \*\*\* Includes 3 motorcycle passengers

MAJOR INJURY	BICYCLIST					DRIVER**					PASSENGER***					PEDESTRIAN					TOTAL										
	TOTAL	DOA*	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA*	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA*	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA*	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE							
To Brain:																															
With Fracture of Skull only	1		1				15	5	5		4	1	7	1	3		3		11	1	7		2	1	34	7	16		9	2	
With Fracture of Skull and Body Fractures						1					1							2		1			1	3		1			2		
Without Fracture of Skull	1				1		5		1		3	1	4	1			3		4				4		14	1	1		11	1	
<b>TOTAL</b>	<b>2</b>		<b>1</b>		<b>1</b>		<b>21</b>	<b>5</b>	<b>6</b>		<b>7</b>	<b>3</b>	<b>11</b>	<b>2</b>	<b>3</b>		<b>6</b>		<b>17</b>	<b>1</b>	<b>8</b>		<b>6</b>	<b>2</b>	<b>51</b>	<b>8</b>	<b>18</b>		<b>20</b>	<b>5</b>	
To Spinal Cord:																															
With Fracture of Vertebra																														0	
<b>TOTAL</b>																														0	
To Chest:																															
With Fracture of Thoracic Cage							10	2	6			2	6	1	3		1	1	2	1	1					18	4	10		1	3
Without Fracture of Thoracic Cage							5	3	2																5	3	2				
<b>TOTAL</b>							<b>15</b>	<b>5</b>	<b>8</b>			<b>2</b>	<b>6</b>	<b>1</b>	<b>3</b>		<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>				<b>23</b>	<b>7</b>	<b>12</b>		<b>1</b>	<b>3</b>	
To Extremities:																															
<b>TOTAL</b>																															0
Multiple Injuries:																															
To Head and Trunk	1				1		19	12	7				7	3	4				9	1	6			1	1	36	16	17		2	1
To Head, Trunk and Extremities							12	6	6				6	3	3				14	3	7			1	3	32	12	16		1	3
To Trunk							18	4	12	1		1	7	3	2			2	3	3					28	7	17	1		3	
To Trunk and Extremities							5	1	3		1	2	1		1		1		7	1	3			3	14	2	7		2	3	
<b>TOTAL</b>	<b>1</b>				<b>1</b>		<b>54</b>	<b>23</b>	<b>28</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>22</b>	<b>9</b>	<b>10</b>		<b>1</b>	<b>2</b>	<b>33</b>	<b>5</b>	<b>19</b>		<b>2</b>	<b>7</b>	<b>110</b>	<b>37</b>	<b>57</b>	<b>1</b>	<b>5</b>	<b>10</b>	
Miscellaneous Injuries:																															
<b>TOTAL</b>							<b>6</b>	<b>4</b>	<b>1</b>			<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>										<b>8</b>	<b>5</b>	<b>2</b>			<b>1</b>	
<b>GRAND TOTAL</b>	<b>3</b>		<b>1</b>		<b>2</b>		<b>96</b>	<b>37</b>	<b>43</b>	<b>1</b>	<b>8</b>	<b>7</b>	<b>41</b>	<b>13</b>	<b>17</b>		<b>8</b>	<b>3</b>	<b>52</b>	<b>7</b>	<b>28</b>		<b>8</b>	<b>9</b>	<b>192</b>	<b>57</b>	<b>89</b>	<b>1</b>	<b>26</b>	<b>19</b>	

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





# VEHICULAR FATALITIES

## MAJOR INJURY AND SURVIVAL INTERVAL-AGE GROUPS

### DRIVERS

**TABLE 50**

AGE	BRAIN					SPINAL CORD					CHEST					ABDOMEN					EXTREMITIES					MULTIPLE INJURIES					MISCELLANEOUS					TOTAL					
	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS
15 - 19	3				3							1		1											2	1	1				2	1				1	8	2	2	3	1
20 - 24	3		2	1								2	1	1											8	1	7							13	2	10		1			
25 - 29	6		3	3								1		1											13	8	5			1	1				21	9	9		3		
30 - 34	3	3										2	1	1											6	4	2							11	8	3					
35 - 39	2	1	1									1					1								5	1	4							8	2	5			1		
40 - 44												1					1								4	3	1			1	1				6	4	1			1	
45 - 49	1	1										1		1											3	2	1							5	3	2					
50 - 54												2	2																					2	2						
55 - 59	1				1							1	1												3	1	1	1						5	2	1		1	1		
60 - 64																									2	1	1							2	1	1					
65 - 69																									4	1	3			1	1			5	2	3					
70 - 74	1				1							1	1												2		1	1		1	1			5	3	1		1			
75 - 79												1	1												1		1							2	2						
80 - over	1				1							1	1												1				1					3	1				2		
<b>TOTAL</b>	<b>21</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>3</b>							<b>15</b>	<b>5</b>	<b>8</b>										<b>54</b>	<b>23</b>	<b>28</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>6</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>96</b>	<b>37</b>	<b>43</b>	<b>1</b>	<b>8</b>	<b>7</b>		









# VEHICULAR FATALITIES

## MAJOR INJURY AND SURVIVAL INTERVAL-AGE GROUPS

### BICYCLIST

**TABLE 53**

AGE	BRAIN					MULTIPLE INJURIES					TOTAL							
	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE
5 - 9	1				1								1				1	
10 - 14	1		1										1		1			
40 - 44						1				1			1				1	
<b>TOTAL</b>	<b>2</b>		<b>1</b>		<b>1</b>					<b>1</b>			<b>3</b>		<b>1</b>		<b>2</b>	

# VEHICULAR FATALITIES

## GEOGRAPHICAL LOCATION-TYPE OF ACCIDENT

### CLASSIFICATION OF VICTIMS

**TABLE 54**

CITIES	AUTO								BICYC		BUS		TRUCK			MOTORCYCLE		NON COLLISION		TOTAL				GRAND TOTAL													
	AUTO		BICYCLE		BUS		FIXED OBJECT		PEDESTRIAN		MOTORCYCLE		TRAIN		TRUCK		FIXED OBJECT		PEDESTRIAN		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								
Cleveland																																					
Driver	5	2			1		9	3						1	1					1																	
Passenger	3	3					4	3										2	1																		
Pedestrian									15	7										4	4																
Motorcyclist											2							3				1															
Bay Village																																					
Driver								1																													
Beachwood																																					
Driver	1																																				
Passenger								1																													
Bedford																																					
Driver								1																													
Motorcyclist																		1																			
Bedford Heights																																					
Driver								1																													
Berea																																					
Pedestrian																																					
Brecksville																																					
Motorcyclist																																					
Broadview Heights																																					
Driver																																					
Passenger																																					
Brook Park																																					
Bicyclist																																					
Passenger																																					
Cleveland Heights																																					
Driver	1	1																																			
East Cleveland																																					
Driver																																					
Passenger																																					
Euclid																																					
Driver																																					
Pedestrian																																					
Fairview Park																																					
Pedestrian																																					
Garfield Heights																																					
Driver																																					
Motorcyclist																																					
Passenger																																					
Independence																																					
Driver																																					
Lakewood																																					
Driver																																					
Passenger																																					
(Sub Total)	13	8			1	2	20	10	17	9	4	2		1	5	1	1	1	1		4	1	4	4	1	5	1	1	1	1	44	12	12	22	15	1	118



# VEHICULAR FATALITIES

## GEOGRAPHICAL LOCATION-TYPE OF ACCIDENT

### CLASSIFICATION OF VICTIMS

**TABLE 54 cont.**

CITIES	AUTO								BICYC	BUS	TRUCK			MOTORCYCLE		NON COLLISION		TOTAL				GRAND TOTAL													
	AUTO		BICYCLE		BUS		FIXED OBJECT		PEDESTRIAN	MOTORCYCLE	TRAIN	TRUCK	PEDESTRIAN	PEDESTRIAN	FIXED OBJECT	PEDESTRIAN	TRUCK	FIXED OBJECT	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								
Lyndhurst																																			
Driver		1																																	
Pedestrian																																			
Maple Heights																																			
Motorcyclist																																			
Mayfield Heights																																			
Pedestrian																																			
Middleburg Heights																																			
Driver																																			
North Olmsted																																			
Driver																																			
Pedestrian																																			
North Royalton																																			
Passenger																																			
Pedestrian		1																																	
Parma																																			
Driver		2																																	
Passenger																																			
Pedestrian																																			
Pepper Pike																																			
Driver																																			
Rocky River																																			
Driver																																			
South Euclid																																			
Bicyclist																																			
Driver																																			
Strongsville																																			
Driver																																			
Passenger																																			
Warrensville Heights																																			
Driver																																			
Westlake																																			
Driver																																			
Motorcyclist																																			
Passenger																																			
Pedestrian																																			
<b>GRAND TOTAL</b>	<b>16</b>	<b>10</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>25</b>	<b>13</b>	<b>17</b>	<b>11</b>	<b>6</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>6</b>	<b>1</b>	<b>4</b>	<b>7</b>	<b>1</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>58</b>	<b>15</b>	<b>14</b>	<b>16</b>	<b>23</b>	<b>20</b>	<b>1</b>	<b>1</b>	<b>148</b>

# VEHICULAR FATALITIES

## GEOGRAPHICAL LOCATION-TYPE OF ACCIDENT

### CLASSIFICATION OF VICTIMS

**TABLE 55**

VILLAGES AND TOWNSHIPS	AUTO												MTC.		TRUCK		TOTAL						GRAND TOTAL
	AUTO		FIXED OBJECT		MOTORCYCLE		PEDESTRIAN		TRUCK		NON-COLLISION		FIXED OBJECT		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	
<u>VILLAGES:</u>																							
Bratenahl																							
Driver	1																	1	1				2
Pedestrian																						1	1
Cuyahoga Heights																							
Motorcyclist													1										1
Gates Mills																							
Passenger		1																				1	
Newburgh Heights																							
Driver				1																			1
Oakwood																							
Driver													1										1
Motorcyclist						1																	1
Valley View																							
Driver																							1
<u>TOWNSHIPS:</u>																							
Warrensville																							
Driver	1																						1
<u>TURNPIKE:</u>																							
Driver				1																			3
Passenger																							2
<b>TOTAL</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>			<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>		<b>1</b>		<b>8</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>16</b>



**VEHICULAR FAIALTIES  
GEOGRAPHICAL LOCATION-TYPE OF ACCIDENT  
CLASSIFICATION OF VICTIMS**

**TABLE 56**

OUT OF COUNTY	AUTO						MOTORCYCLE			TRUCK		TOTAL						GRAND TOTAL													
	AUTO		BICYCLE		FIXED OBJECT		PEDESTRIAN		TRUCK		NON-COLLISION		FIXED OBJECT		TRUCK		NON-COLLISION		FIXED OBJECT		PEDESTRIAN		BICYCLIST		DRIVER		PASSENGER		PEDESTRIAN		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		F	M	F	M	F	M	F	M	F	M	F	M	F
BICYCLIST			1																				1								1
DRIVER	1				2	2			1																3	3					6
MOTORCYCLIST												3	2	1											6					6	
PASSENGER	1	3				1			1							1										3	5			8	
PEDESTRIAN							5	1																				6	1	7	
<b>TOTAL</b>	2	3	1		2	3	5	1	1	1		1	3	2	1		1	1		1			1	9	3	3	5	6	1	28	

# VEHICULAR FATALITIES HOURLY-DAILY-ALCOHOL INCIDENCE ALL CASES

**TABLE 57**

HOURS OF THE DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS					GRAND TOTAL																				
	TOTAL	TESTED	POSITIVE	TOTAL	TESTED	POSITIVE	TOTAL	TESTED	POSITIVE	TOTAL	TESTED	POSITIVE	TOTAL	TESTED	POSITIVE	TOTAL	TESTED	POSITIVE	TOTAL	TESTED	POSITIVE	TOTAL	TESTED	POSITIVE	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														
12 AM		2		2									2	2		1					1	1	1	1	1	6	4	4	4	3	1	10															
1 AM	1		1		1		1		1									2	2	1	1	1	1	1	1	5	1	5	1	4	1	6															
2 AM									1		1	1		1	2	1	2	1	2	2	2	2	5	1	5	1	4	1	9	4	8	1	13														
3 AM	4	3	3	2	2	1							1	1	1	1			2	2	1	8	1	7	5	15	8	13	6	8	3	23															
4 AM	3		2		2		2		2		1	1			1	1		1			3	1	3	1	2	1	9	3	8	3	6	2	12														
5 AM						2		2					1	1		1				2	2	1		2	2	2	3	4	3	4	2	2	7														
6 AM																		1	1							1		1					1	1													
7 AM	1					1																1	1		1	2	1		1			1	3														
8 AM						1		1						1	1							1	1	1	1	2	1	2	1	1		1	3														
9 AM											1	1		1	1	1		2	2	1	2					3	4	1	4			7	7														
10 AM						1	1		1		1	1	1	1		1				1	1					4	2	3	2			6	6														
11 AM	1		1		1													2	1	1	1					3	1	2	1	1		4	4														
TOTAL AM	10	5	7	4	6	1	6	3	4	3	3	5	3	4	3	1	5	6	4	6	2	2	5	7	3	7	2	2	12	1	11	1	5	19	8	18	7	14	6	62	33	51	31	33	11	95	
12 PM		1		1		1	1	1	1	1		1	1	1	1		1									4	4	3	3			1	8	8													
1 PM						2	1	2	1		1			1	1							2				5	1	3	1		1	6	6														
2 PM	1	1		1			1		1								2	1							3	2	1	2				5	5														
3 PM		1		1			1		1		3	2		2	2	1	1		1	1					8	3	6	2				11	11														
4 PM						1		1			1	1		1	1		1			1	1	1			4	1	3	1	1			5	5														
5 PM	1		1				1		1		1	1		1	1		1		1						3	3	3	2				6	6														
6 PM	1	1	1		1		1		1					2	1		1	1	1			2	2	1	4	5	3	3	2			9	9														
7 PM	1	1	1								1	1	1	1		1	1					3	1	2	1	7	3	6	1	1		10	10														
8 PM														2	2		1	1		2	2	1	1	1	1	4	3	3	3	1		7	7														
9 PM	1		1			1		1			1			1			6	3	2					1	2	1	10	3	5	1	2		13	13													
10 PM						3	1	3	1	2	1	2		2	2					1	1	1				6	1	6	1	5	1		7	7													
11 PM							1				1	1	1	1	1		1					3	2	1	6	4	5	3	4	1		10	10														
TOTAL PM	5	5	4	3	1	1	9	7	9	6	2	2	10	3	9	2	3	8	8	5	6	1	11	5	8	3	4	9	1	6	1	3	12	4	6	2	3	64	33	47	23	16	4	97			
GRAND TOTAL	15	10	11	7	7	2	15	10	13	9	5	2	15	6	13	5	4	13	14	9	12	2	3	16	12	11	10	6	2	21	2	17	2	8	31	12	24	9	17	6	126	66	98	54	49	15	192





# VEHICULAR FATALITIES HOURLY-DAILY-ALCOHOL INCIDENCE DRIVER

## TABLE 59

HOURS OF THE DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS			GRAND TOTAL																							
	TOTAL		TESTED	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																								
12 AM		1		1								1				1	1	1	1	1	1			4	2	3	2	2	1	6																		
1 AM																1	1	1	1	1	1	1	1	2	1	2	1	2	1	3																		
2 AM											1		1		1						2	2	2	4		4		4		4																		
3 AM	1		1		1							1		1		1		1		4	4	3	7	2	7	2	5	1	9																			
4 AM	1		1		1		1		1			1		1					3	3	2	6	2	6	2	4	1	8																				
5 AM					1		1					1		1		1		2	2	1			3	1	3	1	2		4																			
6 AM																	1	1					1		1				1																			
7 AM	1																				1		1						1																			
8 AM																				1	1	1	1		1		1		1																			
9 AM											1		1											1		1			1																			
10 AM					1		1				1		1					1	1					1	2	1	2		3																			
11 AM	1		1		1												2	1					3		2		1		3																			
TOTAL AM	4	1	3	1	3			1	2	1	2	1	4	2	3	2	1	2	2	2	1	1	2	3	2	3	2	2	8	7	3	12	1	12	1	10	1	33	11	30	11	21	4	44				
12 PM					1		1						1		1									2		2				2																		
1 PM																																																
2 PM	1					1		1																1	1		1			2																		
3 PM									2		2			2		1			1	1				3	2	3	1			5																		
4 PM					1		1						1		1				1	1	1			2	1	2	1	1		3																		
5 PM	1		1						1		1				1		1						2	2	2	1				4																		
6 PM		1															1		1		1	1		1	2	1	1			3																		
7 PM								1	1	1	1												1	1	1	1				2																		
8 PM																																																
9 PM	1		1											4		3	2							5		4		2		5																		
10 PM					1	1	1	1	1	1								1	1	1				2	1	2	1	2	1	3																		
11 PM								1		1				1		1	1			1	1	1	3		3		3		3																			
TOTAL PM	3	1	2		3	2	3	2	1	1	5	1	5	1	1	1	1	4	1	2			5	1	4	1	3	3	1	3	1	3	1	2	2	2	1	22	10	20	7	8	1	32				
GRAND TOTAL	7	2	5	1	3			4	4	4	4	2	1	9	3	8	3	2	3	6	3	4	1	1	7	4	6	4	5	2	11	1	10	1	5	14	1	14	1	11	1	55	21	50	18	29	5	76



# VEHICULAR FATALITIES HOURLY-DAILY-ALCOHOL INCIDENCE DRIVER-MOTORCYCLIST

**TABLE 59A**

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

# VEHICULAR FATALITIES HOURLY-DAILY-ALCOHOL INCIDENCE PASSENGER

**TABLE 60**

HOURS OF THE DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS			GRAND TOTAL													
	TOTAL		TESTED	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														
12 AM		1		1																				1				1										
1 AM	1		1																						1		1	1										
2 AM												1		1							1		1					4										
3 AM	1	3	1	2		1						1		1	1						2	1	2		2	3	5	3	3	2	2	8						
4 AM	2		1		1		1	1	1																3		2		2	3								
5 AM						1		1													2		2	2		3		3		2	3							
6 AM																																						
7 AM																																						
8 AM																																						
9 AM												1		1			1		1							2		2			2							
10 AM																										1		1			1							
11 AM											1		1																									
TOTAL AM	4	4	3	3	2	1	1	1	1	1	1	1				3		3		1					3	3	3	2	2	2	9	14	8	12	5	4	23	
12 PM																																						
1 PM						1	1	1	1	1	1			1		1					1					3	1	2	1		1			4				
2 PM		1		1																							1		1						1			
3 PM		1		1																							2	1		1					3			
4 PM																																						
5 PM																																						
6 PM	1		1		1		1		1						1		1									1	2	1	2	1				3				
7 PM													1		1											1										2		
8 PM														1		1										1	1	1	1						2			
9 PM																											1	1								2		
10 PM																																						
11 PM																										1		1								1		
TOTAL PM	1	2	1	2	1		1	2	1	2					3	1	2	1								2	1	1				10	8	6	6	1	1	18
GRAND TOTAL	5	6	4	5	3	1	2	3	2	3	1	1	2	1	1										5	4	4	2	2	2	19	22	14	18	6	5	41	



# VEHICULAR FATALITIES HOURLY-DAILY-ALCOHOL INCIDENCE PEDESTRIAN

**TABLE 61**

HOURS OF THE DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS			GRAND TOTAL																
	TOTAL		TESTED	POSITIVE		TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED		POSITIVE															
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F														
12 AM										1	1	1							1	1		1	1	1	1	2															
1 AM																																									
2 AM																			2	1	2	1	2	1	2	1	3														
3 AM	1							1	1							1	1		1				3	1	1	1	4														
4 AM																			1	1	1		1		1	1	1														
5 AM																																									
6 AM																																									
7 AM																																									
8 AM					1	1				1	1								1	1	1		1		1	1	1														
9 AM													1	1	1	1							1	1	1	1	2														
10 AM					1					1	1												2		1		2														
11 AM																1	1						1		1		1														
TOTAL AM	1				2	1			1	1		2	1	2	1	1	1	1	1	1	1	3	4	2	4	2	3	10	8	7	8	3	3	18							
12 PM		1		1	1	1		1	1			1	1		1			1					2	4	1	3		1	6												
1 PM																																									
2 PM																	2	1					2		1									2							
3 PM					1	1							1	1									2		2									2							
4 PM																																									
5 PM					1	1																		1		1								1							
6 PM															1			1				1	1	1	2	1	1	1						3							
7 PM	1	1	1										1	1								2	1	1	1	4	1	3		1				5							
8 PM											1	1										1	1	1	1	2		2						3							
9 PM											1				1							1	1	1	3	1		1						4							
10 PM					1	1				2	2	2													3		3		2					3							
11 PM					1				1	1			1	1	1		1	1				1			1	4		3		1				5							
TOTAL PM	1	2	1	1	1	2	3	2	2	3	1	3	1	2	1	3	3	2	1		4	1		6	2	2	2	2	2	20	14	11	10	4	2	34					
GRAND TOTAL	2	2	1	1	1	4	3	3	2	3	2	3	2	2	3	4	2	4	1	1	4	4	3	2	5	1	2	1	9	6	4	6	4	3	30	22	18	18	7	5	52

# VEHICULAR FATALITIES

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

**TABLE 62**

HOURS OF THE DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS			GRAND TOTAL																							
	DRIVER a		PASSENGER b	DRIVER a		PASSENGER	DRIVER a		PASSENGER	DRIVER a		PASSENGER b	DRIVER a, c		PASSENGER b	DRIVER a, c		PASSENGER	DRIVER a, c		PASSENGER	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				1							1			5	2		1	1	1	10																		
1 AM			1			1														2			1	1			4	1	1	6																		
2 AM									1					1		2				2		1	2	1	6		1	3	2	1	13																	
3 AM	2		1	3	1					1			1	1				1		1		5	2	1	1	9	2	3	5	3	1	23																
4 AM	1		2			1		1					1									3			1	6	2	3			1	12																
5 AM						1		1					1							2			2			3	1		3			7																
6 AM																				1						1						1																
7 AM	1					1																				1	2				1	3																
8 AM									1					1												1				1	1	3																
9 AM									1				1		1	1	1									2	1		2	1	1	7																
10 AM						1			1	1										1					1	2	1		2			6																
11 AM	1																			2			1			3				1		4																
TOTAL AM	5	1	4	4	1	3	2	1	1	2	4	2	1		1	3	2	3	2	1	4	3	3	1	1	11	1	1	13	1	3	3	3	4	43	11	9	14	10	8	95							
12 PM					1	1					1															2				2	4			8														
1 PM						1		1	1						1							1	1			2		3	1				6															
2 PM	1			1			1																			2		1	1		1	2		5														
3 PM				1					1	2	1			1	2	1											4	2	2	1	2			11														
4 PM						1				1				1	1											4	1						5															
5 PM	1								1	1				1	1											3	2				1		6															
6 PM		1	1					1								1	1			1	1			1	1	2	1	2	2	2	1		9															
7 PM				1	1				1	1					1											2	1	1	1	4	1		10															
8 PM														1	1											1	1	2		1	1	1	2	7														
9 PM	1					1					1				4	1	1					1			1	1	6	1	1	1	3	1	13															
10 PM					2	1				1																3	1			3			7															
11 PM									1	1					1	2										1	1	1	4		1	1	4	10														
TOTAL PM	3	1	1	2	1	2	6	2	1	2	2	3	6	1	1	1	3	1	4	4	3	1	1	3	6	1	2	1	3	3	5	1		4	4	1	2	1	6	2	34	11	10	8	20	14	97	
GRAND TOTAL	8	2	5	6	2	2	9	4	2	3	4	3	10	3	2	1	3	2	7	6	3	4	3	4	10	4	2	4	4	4	16	1		5	1	17	2	5	4	9	6	77	22	19	22	30	22	192

a. Motorcyclists included in drivers

b. Motorcycle passengers included in passengers

c. Bicyclists included in drivers



# VEHICULAR FATALITIES

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

**TABLE 63**

HOURS OF THE DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS			GRAND TOTAL																	
	PRE-SCHOOL	SCHOOL	ADULT	PRE-SCHOOL	SCHOOL	ADULT	PRE-SCHOOL	SCHOOL	ADULT	PRE-SCHOOL	SCHOOL	ADULT	PRE-SCHOOL	SCHOOL	ADULT	PRE-SCHOOL	SCHOOL	ADULT	PRE-SCHOOL	SCHOOL	ADULT	PRE-SCHOOL	SCHOOL	ADULT																		
	M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F			M	F															
12 AM			2						1				2	1							1	1		6	4	10																
1 AM			1			1												2			1	1		5	1	6																
2 AM										1				1	2			2			5	1		9	4	13																
3 AM			4	3					1	1				2				2			8	1		1	15	7	23															
4 AM			3						2			1		1						1	3			1	9	2	12															
5 AM								2					1					2				2			3	4	7															
6 AM																		1							1		1															
7 AM			1						1												1			2	1	3																
8 AM									1										1					2	1	3																
9 AM												1	1		1	2	1							1	3	3	7															
10 AM									1	1								1							4	2	6															
11 AM			1									1						2	1						3	1	4															
TOTAL AM			10	5					6	3				5	6					12	1		1	19	7		3	62	30	95												
12 PM				1					1	1				1			1							2	2	2	2	8														
1 PM									2	1					1						2				5	1	6															
2 PM				1	1				1									2							3	2	5															
3 PM				1								3			2	2		1			1				1	7	3	11														
4 PM									1					1	1				1					1	3	1	5															
5 PM			1						1					1	1									1		2	3	6														
6 PM				1	1				1						1	1	1			1			2	1		2	3	3	9													
7 PM				1	1							1	1						1		3			1		7	2	10														
8 PM													2		1			1	1	1			1	1	2	1	3	7														
9 PM				1					1						6								1	1		1	2	8	1	13												
10 PM									3	1			2					1			1	1		1	1	1	2	8	1	13												
11 PM									1			1	1							1	2				1	1	5	3	10													
TOTAL PM			1	1	4	4			1	9	6		2	10	1	1		1	6	8	2	2	9	3	1	3	5	1	1	1	2	1	9	2	3	1	9	7	52	25	97	
GRAND TOTAL			1	1	14	9			1	15	9			3	15	3	1	1	11	14		2	3	14	9	1	3	17	2	1	1	2	2	28	9	3	1	9	10	114	55	192

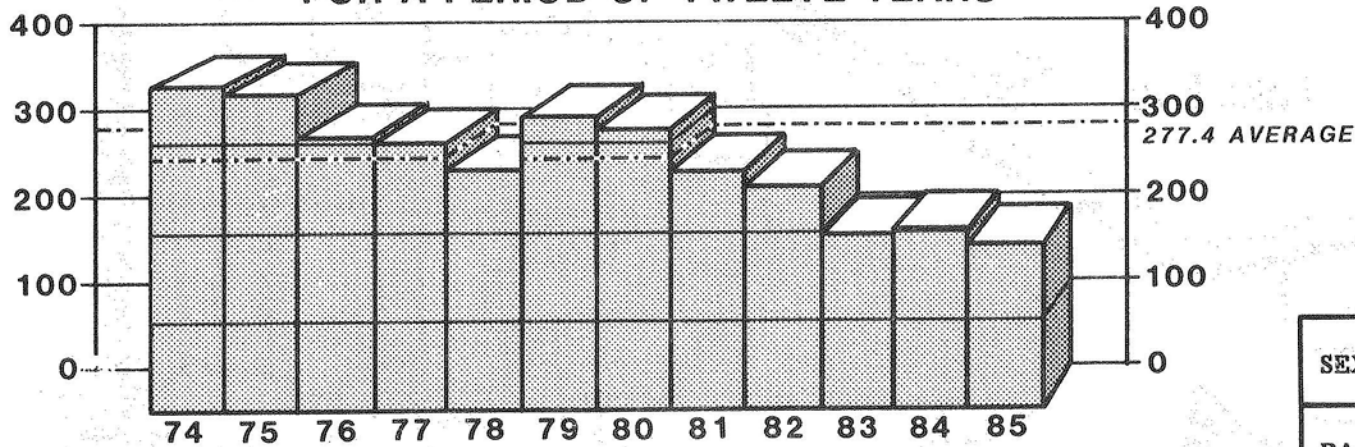
NOTE: PRE-SCHOOL – Under 5 years

SCHOOL – 5 to 18 years

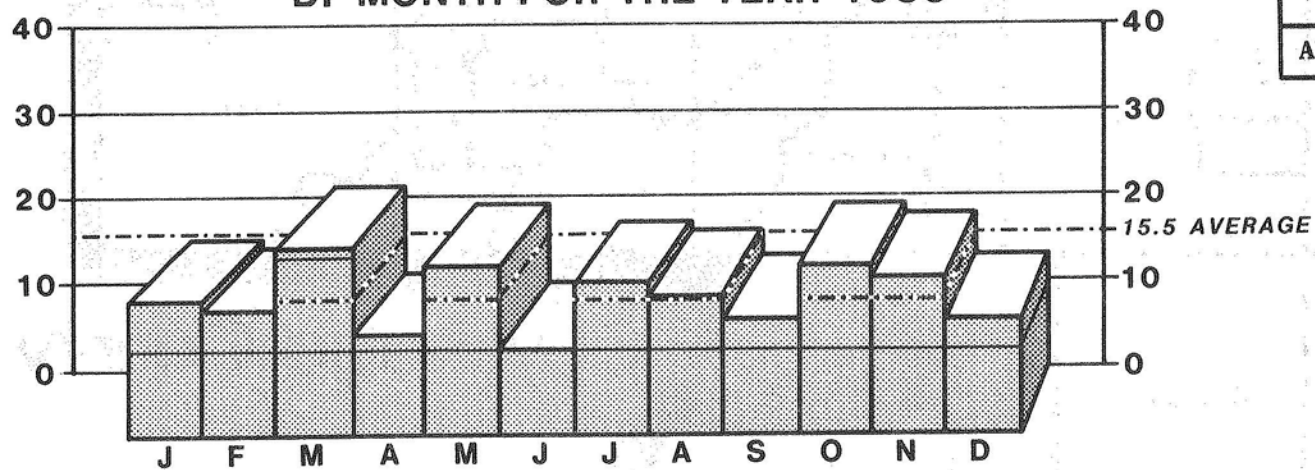
ADULT – 19 years and older

# HOMICIDES

FOR A PERIOD OF TWELVE YEARS



BY MONTH FOR THE YEAR 1985

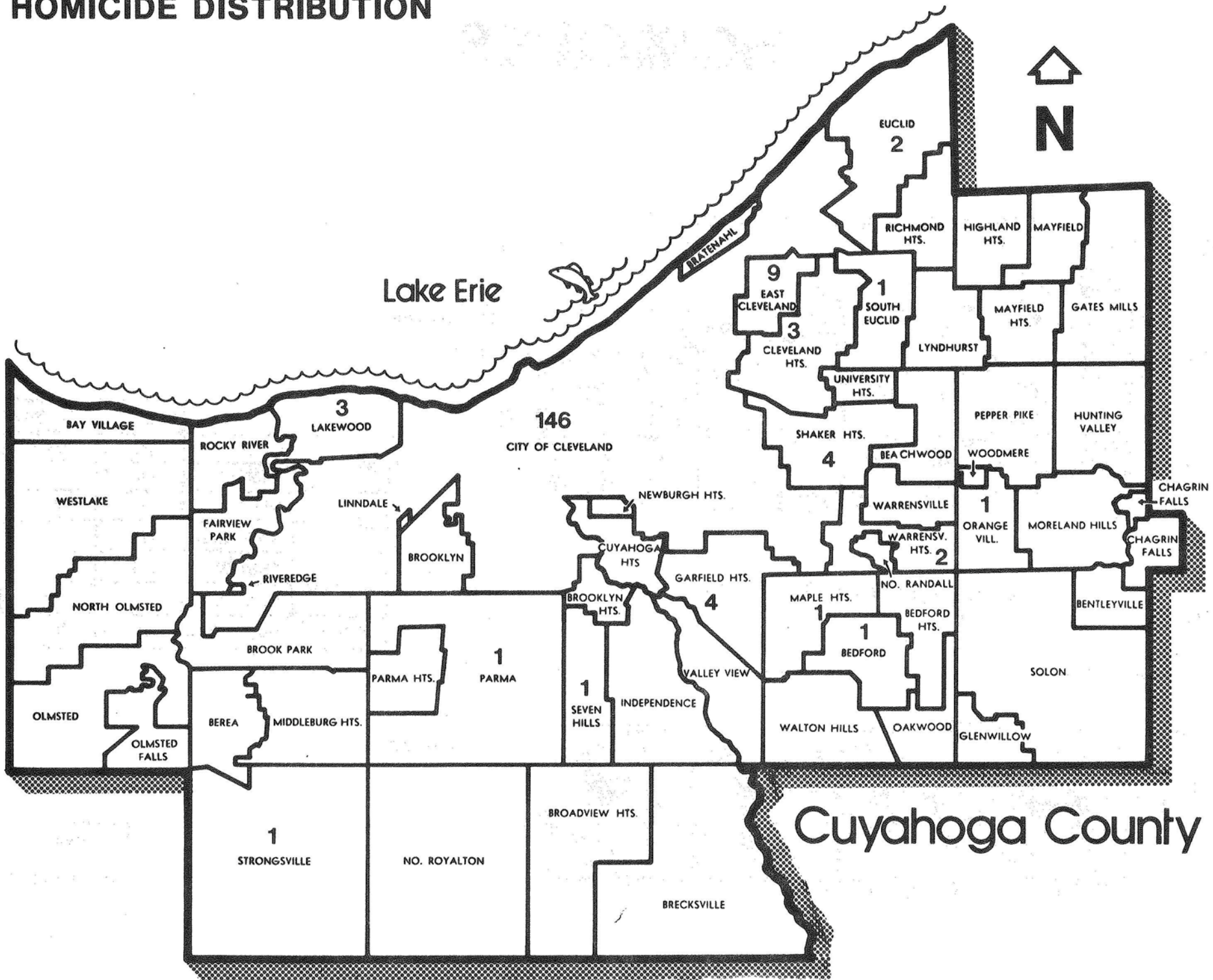


		NUMBER	PERCENT
SEX	MALE	137	74
	FEMALE	49	26
RACE	WHITE	69	37
	NON-WHITE	117	63
ALCOHOL	TESTED	171	92
	POSITIVE	73	43
AUTOPSY	AUTOPSIED	186	100

1985
TOTAL CASES
186



# 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	15	14	1	12	1	1		1		3		2		1				11	1	4		7	1	1	1	2		1		2							
FEBRUARY	14	12	2	10	1	2	1			2		2						10	2	3	2	7		1		1		4		1							
MARCH	21	17	4	15	3	2	1											17	4	10	2	7	2		1	2		4		1	1						
APRIL	11	8	3	6	1	2	2											8	3	5	2	3	1			1						1			1	1	
MAY	19	11	8	10	5	1	3			2		2						9	8	5	3	4	5		1	2			1	2			2		1		
JUNE	10	7	3	5	3	1		1		1	1	1	1					6	2	4	2	2		1					1								
JULY	17	9	8	7	5	2	3			1		1						8	8	4	7	4	1					3		1				1			
AUGUST	16	11	5	7	3	2	2	2		1		1						10	5	3	2	7	3	2	1	1	1		1	2		1				1	
SEPTEMBER	13	11	2	9	2	2				1	1				1	1		10	1	7	1	3					1		1		1						
OCTOBER	19	13	6	10	4	2	1	1	1		2		1		1			13	4	8	3	5	1			1		2		2				1			
NOVEMBER	18	14	4	13	3	1	1											14	4	9	4	5		1				1		3							
DECEMBER	13	10	3	9	2	1	1											10	3	6	2	4	1	1		1	1		1		1						
<b>TOTAL</b>	<b>186</b>	<b>137</b>	<b>49</b>	<b>113</b>	<b>33</b>	<b>19</b>	<b>15</b>	<b>5</b>	<b>1</b>	<b>11</b>	<b>4</b>	<b>9</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>		<b>126</b>	<b>45</b>	<b>68</b>	<b>30</b>	<b>58</b>	<b>15</b>	<b>7</b>	<b>4</b>	<b>11</b>	<b>2</b>	<b>16</b>	<b>2</b>	<b>16</b>	<b>1</b>	<b>6</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>1</b>	



1985

# 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		1				1				1	1																		
1 - 4	White	2	2		1				1				1	1																		
	Non-White																															
5 - 9	White																															
	Non-White																															
10 - 14	White	2	1	1		1				1			1	1																		
	Non-White	2	2	2								2	2																			
15 - 19	White	4	4									4	1	3		1			1			1										
	Non-White	9	9		2		2					7	3	4			1	2	1													
20 - 24	White	12	10	2								10	2	3	1	7	1	2	1	1		4										
	Non-White	25	21	4	2	1	2	1				19	3	13	1	6	2		4									2				
25 - 29	White	4	4		1		1					3	1	2					1		1											
	Non-White	19	14	5	1		1					13	5	6	4	7	1		3	2	1	1						1				
30 - 34	White	6	4	2								4	2	2	2	2				1		2	1									
	Non-White	20	14	6	1	1	1	1				13	5	8	5	5		1		2	2											
35 - 39	White	6	6		1		1					5	3	2						2												
	Non-White	12	7	5								7	5	4	3	3	2	1		1	1	1						1				
40 - 44	White	2	2									2			2					2												
	Non-White	7	4	3								4	3	3	2	1	1		1		1											
45 - 49	White	4	3	1								3	1	2	1	1		1														
	Non-White	3	1	2								1	2		1	1	1		1		1											
50 - 54	White	5	4	1								4	1	1	3	1		1	1			1				1		1				
	Non-White	2	2									2	2																			
55 - 59	White	6	3	3								3	3	2	1	1	2		1			1			1							
	Non-White	3	3									3		1	2					1								1				
60 - 64	White	3	1	2								1	2		1	1	1		1	1												
	Non-White	6	5	1	1		1					4	1	2	1	2				2												
65 - 69	White	4	3	1								3	1	3	1																	
	Non-White	4	2	2								2	2	1	2	1				1												
70 - 74	White	3	2	1								2	1	1	1	1						1										
	Non-White	1	1									1		1																		
75 - 79	White	3	1	2	1					1		2		1		1	1															
	Non-White	1	1									1				1		1														
80 - over	White	3	2	1								2	1	2	1																	
	Non-White	1	1									1		1																		
TOTAL	White	69	50	19	3	2	2		2	1		47	17	22	9	25	8	4	4	3		6	1	7		5	2		1			
	Non-White	117	87	30	8	2	7	2	1			79	28	46	21	33	7	3		8	2	10	1	9	1	1		2	2	1		
GRAND TOTAL		186	137	49	11	4	9	2	1	2	1	126	45	68	30	58	15	7	4	11	2	16	2	16	1	6	2		3	2	1	

1985

# 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	3	2	1	2	1													2	1	2	1																
ASSAULT	19	11	8	8	5	1	3	2		2	2	1	1		1	1		9	6	7	4	2	2	1			1						1			1	
CUTTING AND STABBING	32	25	7	22	6	3	1			1		1						24	7	10	5	14	2		1	2	3	1	7		2						
DROWNING	1	1		1						1				1																							
JUMPING	1	1		1													1	1																			
SHOOTING	117	93	24	77	16	13	7	3	1	7	2	7	1		1		86	22	45	15	41	7	6	1	9	2	11	1	9		4			3	2		
STRANGULATION	10	2	8		4	2	4										2	8	1	4	1	4		2			1		1		1						
STRUCK BY AUTO	3	2	1	2	1												2	1	2	1																	
<b>TOTAL</b>	<b>186</b>	<b>137</b>	<b>49</b>	<b>113</b>	<b>33</b>	<b>19</b>	<b>15</b>	<b>5</b>	<b>1</b>	<b>11</b>	<b>4</b>	<b>9</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>126</b>	<b>45</b>	<b>68</b>	<b>30</b>	<b>58</b>	<b>15</b>	<b>7</b>	<b>4</b>	<b>11</b>	<b>2</b>	<b>16</b>	<b>2</b>	<b>16</b>	<b>1</b>	<b>6</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>1</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					
ARSON																																					2	1	3
ASSAULT	1			2			1			3	1			2		1				1	1	1				1		1			1		1			11	8	19	
CUTTING AND STABBING							1	3		3	1	3		5	2	5	2					1	1			1	1		2				1			25	7	32	
DROWNING	1																																			1		1	
JUMPING										1																										1		1	
SHOOTING						2	10			24	5	14	4	13	3	7	2	5	1	3	2	4	1	3	1	4	1	3		1	1	1	1	1	93	24	117		
STRANGULATION													1		1				2							2	2				1		1			2	8	10	
STRUCK BY AUTO															1		1											1							2	1	3		
<b>TOTAL</b>	<b>2</b>			<b>2</b>			<b>1</b>	<b>3</b>	<b>13</b>	<b>31</b>	<b>6</b>	<b>18</b>	<b>5</b>	<b>18</b>	<b>8</b>	<b>13</b>	<b>5</b>	<b>6</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>6</b>	<b>1</b>	<b>6</b>	<b>3</b>	<b>6</b>	<b>3</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>137</b>	<b>49</b>	<b>186</b>	



## HOMICIDES (JUSTIFIABLE) PLACE OF OCCURRENCE-CIRCUMSTANCES-ASSAILANTS VICTIMS-ALCOHOL INCIDENCE

**TABLE 68**

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
<b>HOME CIRCUMSTANCES:</b>																															
During or following the commission or attempted commission of a felony																															
Police	2	2		1		1				1	1						1	1													
Stranger	4	4		4												4	1	3				2	1								
<b>TOTAL</b>	<b>6</b>	<b>6</b>		<b>5</b>		<b>1</b>				<b>1</b>	<b>1</b>					<b>5</b>	<b>2</b>	<b>3</b>				<b>2</b>	<b>1</b>								
<b>PUBLIC CIRCUMSTANCES:</b>																															
During or following an argument																															
Acquaintance	1	1		1											1	1															
Security Guard	1	1		1											1	1															
During or following the commission or attempted commission of a felony																															
Police	1	1		1											1	1															
Stranger	4	4		4						1	1				3	1	2								2						
<b>TOTAL</b>	<b>7</b>	<b>7</b>		<b>7</b>						<b>1</b>	<b>1</b>				<b>6</b>	<b>4</b>	<b>2</b>							<b>2</b>							
<b>GRAND TOTAL</b>	<b>13</b>	<b>13</b>		<b>12</b>		<b>1</b>				<b>2</b>	<b>2</b>				<b>11</b>	<b>6</b>	<b>5</b>				<b>2</b>	<b>1</b>	<b>2</b>								

# HOMICIDES (NON-JUSTIFIABLE)

## PLACE OF OCCURRENCE-CIRCUMSTANCES-ASSAILANTS

### VICTIMS-ALCOHOL INCIDENCE

**TABLE 69**

ASSAILANT	TOTAL	NOT TESTED												TESTED						STAGES																					
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over					
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
<b>PUBLIC CIRCUMSTANCES:</b>																																									
During or following an argument																																									
Acquaintance	26	25	1	23	1	2				4		4						21	1	4		17	1			2	1	6		8		1									
Relative																																									
Son	1	1				1												1		1																					
During or following the commission or attempted commission of a felony																																									
Stranger	5	5		5						1		1						4		3		1								1											
Unknown																																									
Acquaintance	5	5		4				1										5		3		2				1		1													
Relative																																									
Spouse	1		1				1											1		1																					
Stranger	3	3		3														3		2		1				1															
Unknown	23	15	8	13	7	1	1	1									15	8	10	5	5	3	2		1			1	2	1		1									
Other																																									
Acquaintance	9	7	2	6	1			1	1		2		2				7		3		4		1		1		2														
Stranger	4	3	1	3	1												3	1	3	1																					
Unknown	4	4		3		1											4		4																						
<b>TOTAL</b>	<b>81</b>	<b>68</b>	<b>13</b>	<b>60</b>	<b>10</b>	<b>5</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>5</b>	<b>2</b>	<b>5</b>	<b>2</b>			<b>63</b>	<b>11</b>	<b>33</b>	<b>7</b>	<b>30</b>	<b>4</b>	<b>3</b>		<b>6</b>	<b>1</b>	<b>9</b>	<b>1</b>	<b>11</b>	<b>1</b>	<b>1</b>	<b>1</b>										





# HOMICIDES IN COUNTY OF CUYAHOGA 1961-1985

(INCLUDES CULPABLE AND JUSTIFIABLE HOMICIDES)

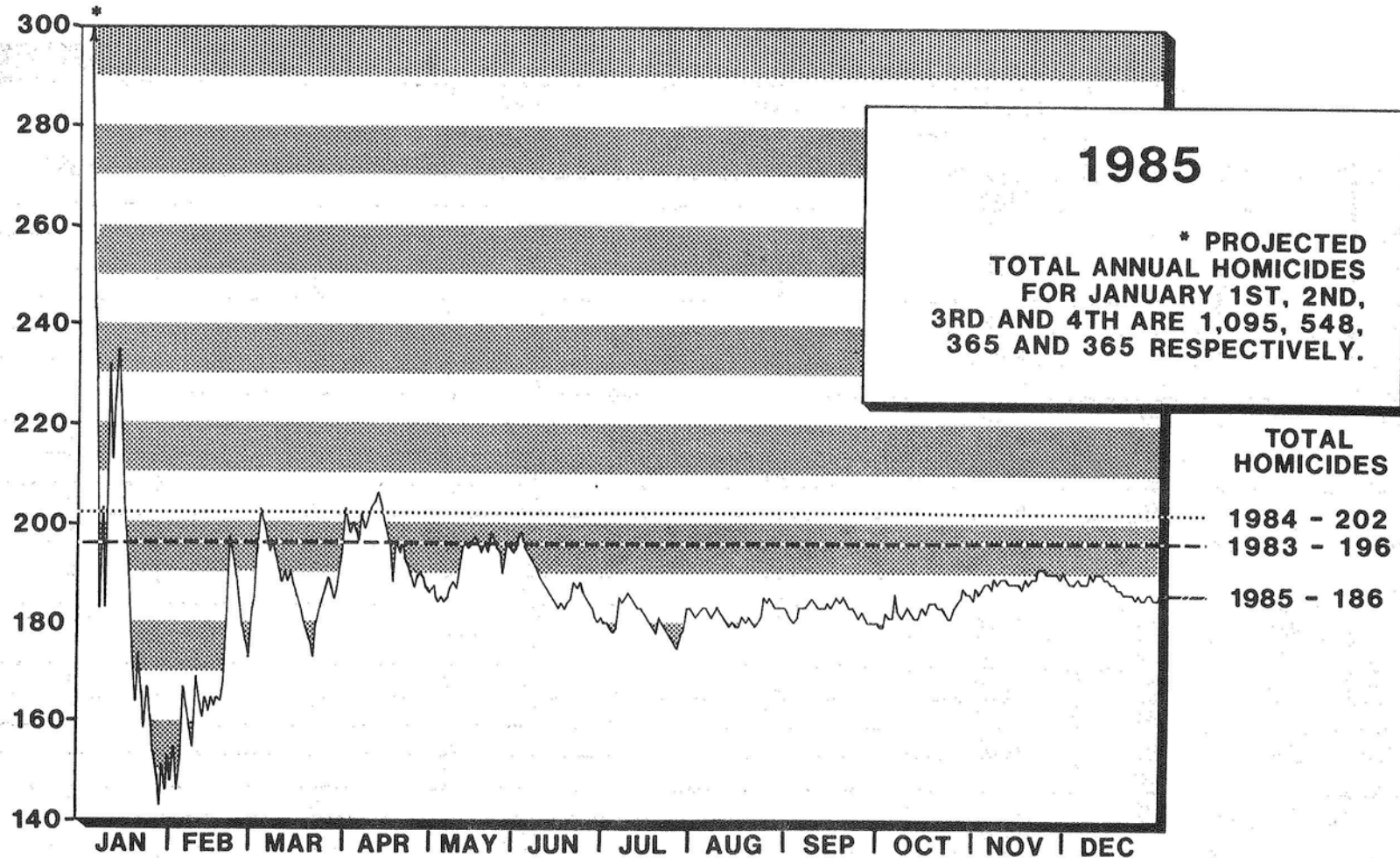
**TABLE 69B**

YEAR	TOTAL HOMICIDES	FIREARMS	FIREARM PERCENTAGE OF TOTAL	BLUNT VIOLENCE (MANUAL, PEDAL AND INSTRUMENTAL ASSAULT)	EDGED AND POINTED WEAPONS	STRANGULATION (MANUAL AND LIGATURE)	ALL OTHERS*
1961	100	61	61.00	8	27	3	1
1962	74	38	51.35	16	16	1	3
1963	114	62	54.39	19	26	4	3
1964	137	83	60.58	17	30	5	2
1965	129	86	66.67	17	21	3	2
1966	166	111	66.87	15	35	3	2
1967	185	117	63.24	15	34	5	14
1968	210	167	79.52	16	26	1	
1969	317	254	80.13	29	29	1	4
1970	310	242	78.06	23	34	6	5
1971	324	265	81.79	24	28	4	3
1972	363	287	79.06	33	23	16	4
1973	327	271	82.87	24	20	10	2
1974	362	301	83.14	19	28	11	3
1975	351	274	78.06	29	30	7	11
1976	305	238	78.03	23	29	8	7
1977	300	233	77.67	27	31	6	3
1978	268	211	78.73	17	26	12	2
1979	325	236	72.62	32	37	5	15
1980	314	233	74.20	32	29	6	14
1981	269	208	77.32	25	21	8	7
1982	251	168	66.93	32	36	4	11
1983	196	126	64.29	22	32	8	8
1984	202	121	59.90	34	33	10	4
1985	186	117	62.90	19	32	10	8

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



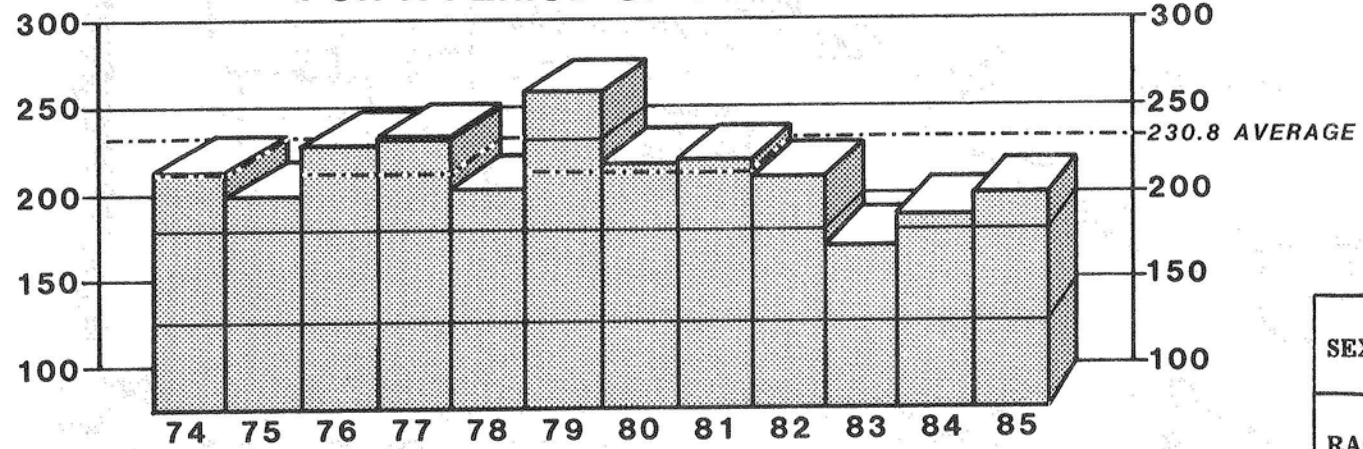
# MOVING PROJECTED ANNUAL HOMICIDE TOTAL



In order to establish the direction of annual numerical trends in homicidal deaths in our jurisdictional area, in 1984 we initiated a daily, graphic, "moving projected total" of culpable and justifiable demises of this type. The formula for determining the projected annual total (PAT), i.e., the total number of homicides which would occur during the entire calendar year if the daily rate up to that time were to continue unchanged is  $PAT = 365H/D$  where H is the number of homicides received at our establishment since the year started, and D is the number of days which have elapsed since the calendar year started. (PAT is rounded off to the nearest whole number, and the constant 366 is used in place of 365 in calculating PAT in leap years.) The date when death was pronounced, NOT necessarily the same day as when the lethal incident occurred or when death actually took place, is utilized to establish D. Thus, if ten homicide victims were to have been pronounced dead in Cuyahoga County from January first until midnight of February 5, 36 days will have elapsed since the year began, and accordingly the PAT at that time is determined as follows: PAT equals 365 times 10 divided by 36 which equals 101.36 equals 101, the number of homicides that will have been pronounced dead during the entire calendar year should the same rate prevail.

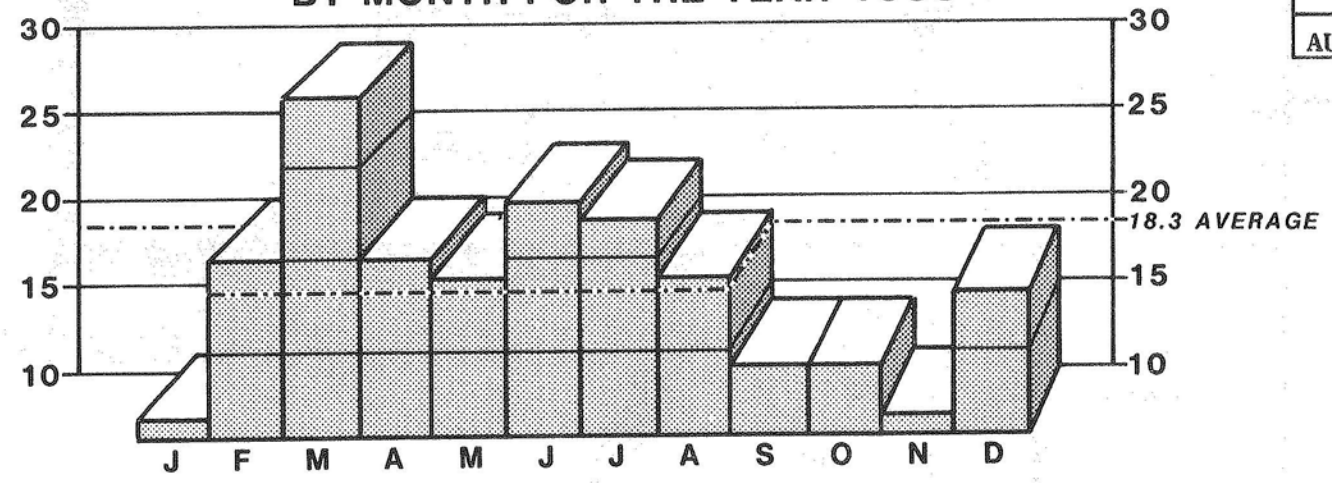
# SUICIDES

FOR A PERIOD OF TWELVE YEARS



		NUMBER	PERCENT
SEX	MALE	170	77
	FEMALE	50	23
RACE	WHITE	178	81
	NON-WHITE	42	19
ALCOHOL	TESTED	201	91
	POSITIVE	68	31
AUTOPSY	AUTOPSIED	212	96

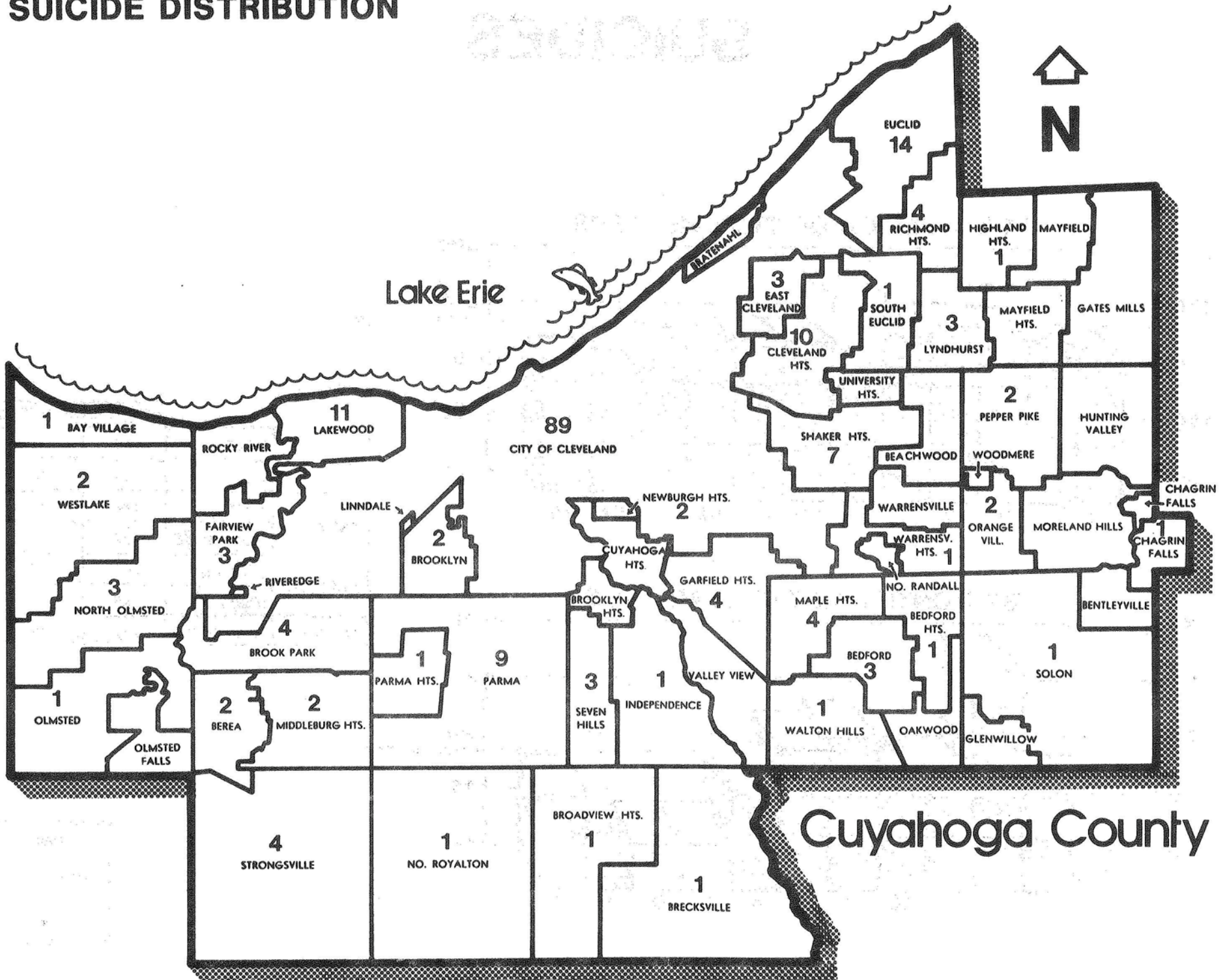
BY MONTH FOR THE YEAR 1985



1985  
TOTAL CASES  
220



# 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	11	9	2	1	1	7	1	1		2		2					7	2	5	1	2	1	1			1											
FEBRUARY	20	18	2	9		8	2	1		3		2			1		15	2	8		7	2			1		2	1			2		2	1			
MARCH	29	22	7	12	1	9	4	1	2	2		1			1		20	7	11	5	9	2	1		2		1		3	1	1	1			1		
APRIL	20	17	3	10		7	3			1	1	1	1				16	2	12	1	4	1			1		1	1		2							
MAY	19	13	6	9	2	4	2		2	1	1		1		1		12	5	9	5	3				1				1		1						
JUNE	23	14	9	5	3	9	5		1	1	1		1		1		13	8	9	5	4	3		1	1	1		1	1				2				
JULY	22	13	9	6	4	7	5			1	1				1	1	12	8	8	6	4	2	1	1	1		1		1	1							
AUGUST	19	16	3	7	1	9	2			1					1		15	3	7	2	8	1			1		2	1	2		2				1		
SEPTEMBER	14	11	3	5	2	3		3	1								11	3	9	3	2				1			1									
OCTOBER	14	13	1	4		8	1	1		1		1					12	1	10		2	1					1		1			1					
NOVEMBER	11	10	1	3		7	1				1		1				10		4		6						2		3		1						
DECEMBER	18	14	4	3	1	10	3	1		1					1		13	4	10	3	3	1			1			1	1						1		
TOTAL	220	170	50	74	15	88	29	8	6	14	5	7	4		7	1	156	45	102	31	54	14	3	2	10	2	9	4	14	3	10	2	5	1	3		



# SUICIDES

## AGE AND RACE-ALCOHOL INCIDENCE

**TABLE 71**

AGE	RACE	TOTAL	NOT TESTED										TESTED						STAGES												
			Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over		
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M
Under 1 Year	White																														
	Non-White																														
1 - 4	White																														
	Non-White																														
5 - 9	White																														
	Non-White																														
10 - 14	White	2	2									2	2																		
	Non-White	1	1									1	1																		
15 - 19	White	7	6	1								6	1	5	1	1						1									
	Non-White	5	4	1								4	1	4	1																
20 - 24	White	20	15	5	1	1					1	1	14	4	5	4	9				1	4	2	2							
	Non-White	8	7	1	1	1	1						6	1	4	1	2				1									1	
25 - 29	White	18	15	3	3		2				1		12	3	5	3	7			1	1	1	1	2	1						
	Non-White	6	6										6	5	1									1							
30 - 34	White	17	13	4	1						1		12	4	8	3	4	1	1			1	1	2							
	Non-White	4	3	1		1	1						3	2	1							1									
35 - 39	White	12	11	1	2		1				1		9	1	7	2	1					1						1	1		
	Non-White	1	1										1			1															
40 - 44	White	11	9	2		1	1						9	1	6	3	1			1		1	1	1							
	Non-White	3	3										3	1	2												1		1		
45 - 49	White	10	7	3	1						1		6	3	3	2	3	1				1	1		1	1					
	Non-White	1	1										1											1							
50 - 54	White	13	11	2	1						1		10	2	5	1	5	1	1			1			1	1	1	1			
	Non-White	2	2										2	1	1							1									
55 - 59	White	20	13	7	1	2		2			1		12	5	4	2	8	3			1	2	1	1	1	4		1			
	Non-White	2	1	1									1	1	1						1										
60 - 64	White	17	11	6									11	6	9	5	2	1					1				1		1		
	Non-White	1	1										1	1	1																
65 - 69	White	7	6	1									6	1	5	1	1					1									
	Non-White	2	1	1									1	1	1	1															
70 - 74	White	6	4	2									4	2	4	1		1						1							
	Non-White	3	1	2									1	2	1	1		1				1									
75 - 79	White	11	9	2	2		2						7	2	6	1	1	1			1			1							
	Non-White																														
80 - over	White	7	4	3	1		1						3	3	3	3															
	Non-White	3	3										3	3																	
TOTAL	White	178	136	42	13	4	6	3			7	1	123	38	77	27	46	11	3	1	8	1	9	4	13	2	8	2	3	1	2
	Non-White	42	34	8	1	1	1	1					33	7	25	4	8	3			1	2	1		1	1	2		2	1	
GRAND TOTAL		220	170	50	14	5	7	4			7	1	156	45	102	31	54	14	3	2	10	2	9	4	14	3	10	2	5	1	3

# 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								
ASPHYXIA	44	33	11	20	3	12	7	1	1	1	2	1	2				32	9	21	9	11		1		2		2		5		1						
BURNING	1		1		1												1		1																		
CARBON MONOXIDE	32	23	9	4		19	7		2	2					2		21	9	16	3	5	6	1			1		3	2		2	1		1			
CUTTING AND STABBING	5	4	1	2	1	1		1		1		1					3	1	1		2	1			2					1							
JUMPING	7	6	1	3	1	3				1		1					5	1	5	1																	
POISONING	29	15	14	4	4	11	8		2		2		2				15	12	9	9	6	3			1		2	1	1	2			2				
SHOOTING	101	88	13	41	5	41	7	6	1	8	1	4			4	1	80	12	50	8	30	4	1	2	5	1	5		6	1	7		3		3		
STRUCK BY TRAIN	1	1				1				1					1																						
<b>TOTAL</b>	<b>220</b>	<b>170</b>	<b>50</b>	<b>74</b>	<b>15</b>	<b>88</b>	<b>29</b>	<b>8</b>	<b>6</b>	<b>14</b>	<b>5</b>	<b>7</b>	<b>4</b>			<b>7</b>	<b>1</b>	<b>156</b>	<b>45</b>	<b>102</b>	<b>31</b>	<b>54</b>	<b>14</b>	<b>3</b>	<b>2</b>	<b>10</b>	<b>2</b>	<b>9</b>	<b>4</b>	<b>14</b>	<b>3</b>	<b>10</b>	<b>2</b>	<b>5</b>	<b>1</b>	<b>3</b>	









# SUICIDES

## POISONING-ALCOHOL INCIDENCE

**TABLE 74 cont.**

POISONING	TOTAL	NOT TESTED												TESTED						STAGES																		
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
<u>Combined Effect of :</u> Imipramine and Flurazepam	1		1			1												1		1																		
<u>Combined Effect of Three Chemical Agents:</u> Amitriptyline, Nortriptyline and Caffeine	1	1					1											1		1																		
Nortriptyline, Secobarbital and Diphenhydramine	1	1					1											1		1																		
Meprobamate, Propoxyphene and Acetaminophen	1		1				1											1		1																		
Propoxyphene, Acetaminophen and Benzodiazepine	1		1			1				1		1																										
<u>Combined Effect of Four Chemical Agents:</u> Amobarbital, Secobarbital, Diazepam and Cocaine	1	1					1											1		1																		
Chlordiazepoxide, Imipramine, Diazepam and Propranolol	1		1				1																															
<b>TOTAL</b>	<b>29</b>	<b>15</b>	<b>14</b>	<b>4</b>	<b>4</b>	<b>11</b>	<b>8</b>			<b>2</b>		<b>2</b>					<b>15</b>	<b>11</b>	<b>9</b>	<b>9</b>	<b>6</b>	<b>3</b>			<b>1</b>		<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>			<b>2</b>				

# SUICIDES

## MODE-AGE GROUPS

**TABLE 75**

MODE	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
	ASPHYXIA							1		2		5		2	1	3		2		4	1	1	1	1		4	1	2	1	2	1	1	2	2	1	1	2	33	
BURNING															1																							1	1
CARBON MONOXIDE								3		4			1		2	2	1	2	1			1	2	1	1	2	4		3		1		1				23	9	32
CUTTING AND STABBING												1				1							1		1		1										4	1	5
JUMPING									1		1				1		1								1				1			1					6	1	7
POISONING									1	2		2	1	3	2			1		3	1	2		1	3		3			1		1	1	1	1	15	14	29	
SHOOTING							2		4	1	9	6	16		9		6		5		3	1	7	1	6	2	6	1	2		3	1	5		5		88	13	101
STRUCK BY TRAIN											1																											1	1
TOTAL							3		10	2	22	6	21	3	16	5	12	1	12	2	7	4	13	2	14	8	12	6	7	2	5	4	9	2	7	3	170	50	220



# SUICIDES

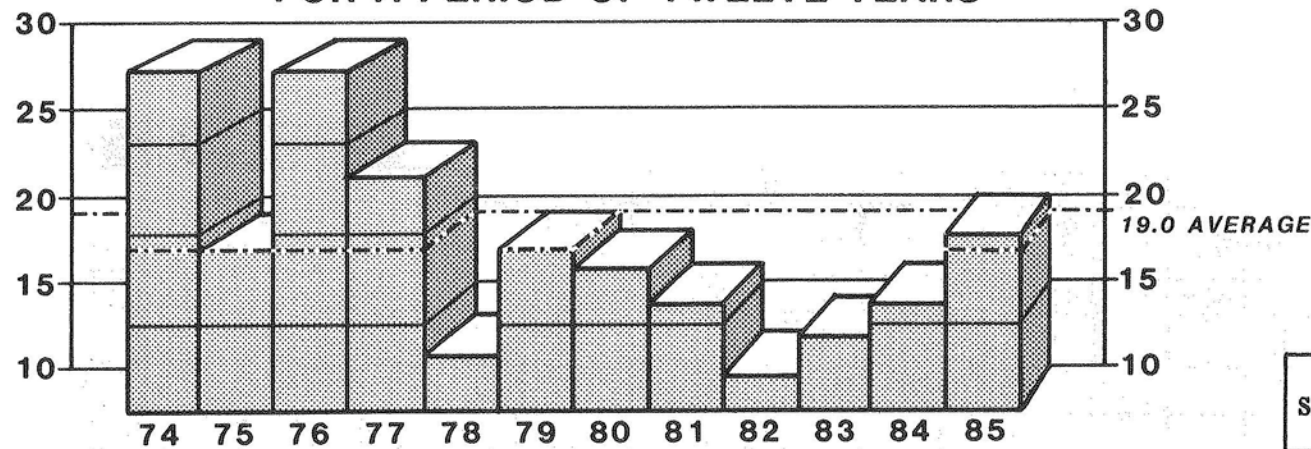
## MODE-GEOGRAPHICAL LOCATION AND MARITAL STATUS

**TABLE 76**

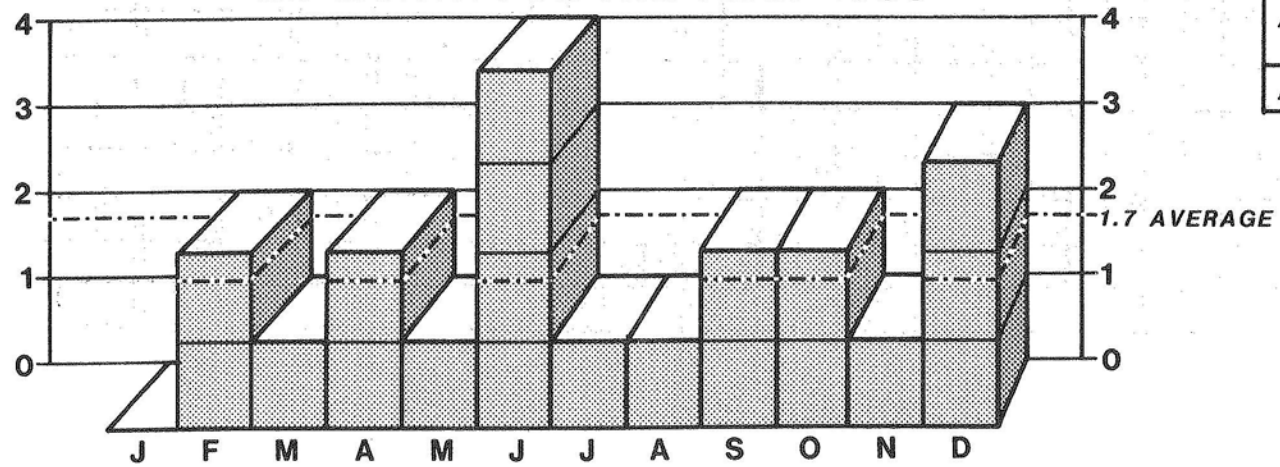
MODE	CLEVELAND												COUNTY												OUT OF COUNTY												GRAND TOTAL	
	MARRIED		SINGLE		WIDOWED		DIVORCED		UNKNOWN		TOTAL		MARRIED		SINGLE		WIDOWED		DIVORCED		UNKNOWN		TOTAL		TOTAL													
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F										
ASPHYXIA	9		9	1		2	2				20	3	7	3	4		3	1	1				12	7	1	1							1	1	33	11	44	
BURNING				1							1																								1	1		
CARBON MONOXIDE	2		2								4		14	6	4			1	1				19	7		1		1						2	23	9	32	
CUTTING AND STABBING		1		1			1				2	1		1									1				1						1	4	1	5		
JUMPING	2	1		1							3	1		1	2								3											6	1	7		
POISONING	1	1	2	2	1	1					4	4	3	2	4	2		3	4	1			11	8		1					1		2	15	14	29		
SHOOTING	15	3	12		3	1	11	1			41	5	18	3	15	3	3		5	1			41	7	2		3	1	1				6	1	88	13	101	
STRUCK BY TRAIN														1									1											1		1		
TOTAL	29	6	27	4	4	4	14	1			74	15	44	14	30	5	3	6	11	4			88	29	3	3	4	2	1			1		8	6	170	50	220

# VIOLENCE OF UNDETERMINED ORIGIN

FOR A PERIOD OF TWELVE YEARS



BY MONTH FOR THE YEAR 1985



		NUMBER	PERCENT
SEX	MALE	9	45
	FEMALE	11	55
RACE	WHITE	11	55
	NON-WHITE	9	45
ALCOHOL	TESTED	16	80
	POSITIVE	6	38
AUTOPSY	AUTOPSIED	20	100

1985
TOTAL CASES
20



# FATALITIES FROM VIOLENCE OF UNDETERMINED ORIGIN

## MONTHLY ALCOHOL INCIDENCE

**TABLE 77**

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	0																																					
FEBRUARY	2	1	1	1	1														1																			
MARCH	1		1					1											1		1																	
APRIL	2	1	1		1			1				1							1		1																	
MAY	1		1					1											1		1																	
JUNE	4	2	2	2	1				1			1							2	1		1	2		2													
JULY	1		1		1														1		1																	
AUGUST	1	1						1										1				1				1												
SEPTEMBER	2	1	1	1	1							1					1	1		1																		
OCTOBER	2	1	1		1	1												1	1	1	1																	
NOVEMBER	1	1		1														1		1																		
DECEMBER	3	1	2	1	2													1	2		1	1	1				1								1			
<b>TOTAL</b>	<b>20</b>	<b>9</b>	<b>11</b>	<b>6</b>	<b>8</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>2</b>					<b>1</b>	<b>8</b>	<b>8</b>	<b>3</b>	<b>7</b>	<b>5</b>	<b>1</b>	<b>3</b>			<b>1</b>		<b>1</b>			<b>1</b>					

# FATALITIES FROM VIOLENCE OF UNDETERMINED ORIGIN

## CAUSE OF DEATH-ALCOHOL INCIDENCE

**TABLE 78**

CAUSE OF DEATH	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		
CUTTING AND STABBING	1	1		1														1		1		1																	
DROWNING	4	3	1	3	1													3	1	1	1	2		2															
HANGING	1		1		1					1					1																								
INJURY TO BODY	4	2	2	2	1				1	1		1					2	1	1	1	1							1											
INJURY TO HEAD	3		3		3													3		3																			
INJURY TO HEAD AND BODY	2	1	1		1	1				1		1					1		1																				
POISONING	4	1	3		1	1	2										1	3		2	1	1					1							1					
SHOOTING	1	1						1		1		1																											
<b>TOTAL</b>	<b>20</b>	<b>9</b>	<b>11</b>	<b>6</b>	<b>8</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>2</b>			<b>1</b>	<b>8</b>	<b>8</b>	<b>3</b>	<b>7</b>	<b>5</b>	<b>1</b>	<b>3</b>			<b>1</b>		<b>1</b>				<b>1</b>							



# FATALITIES FROM VIOLENCE OF UNDETERMINED ORIGIN

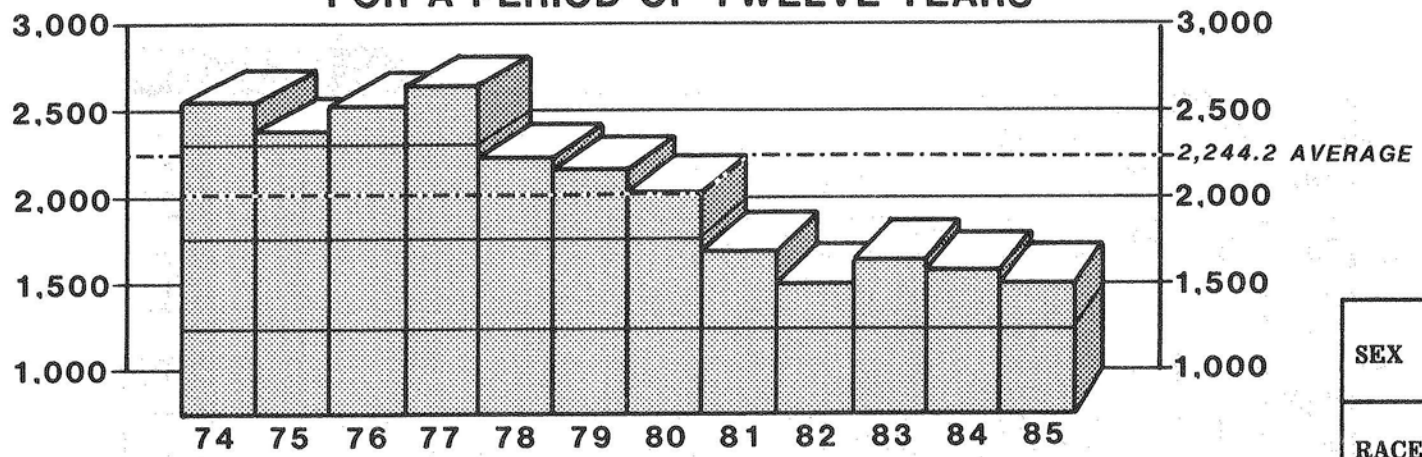
## AGE-RACE-ALCOHOL INCIDENCE

**TABLE 79**

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

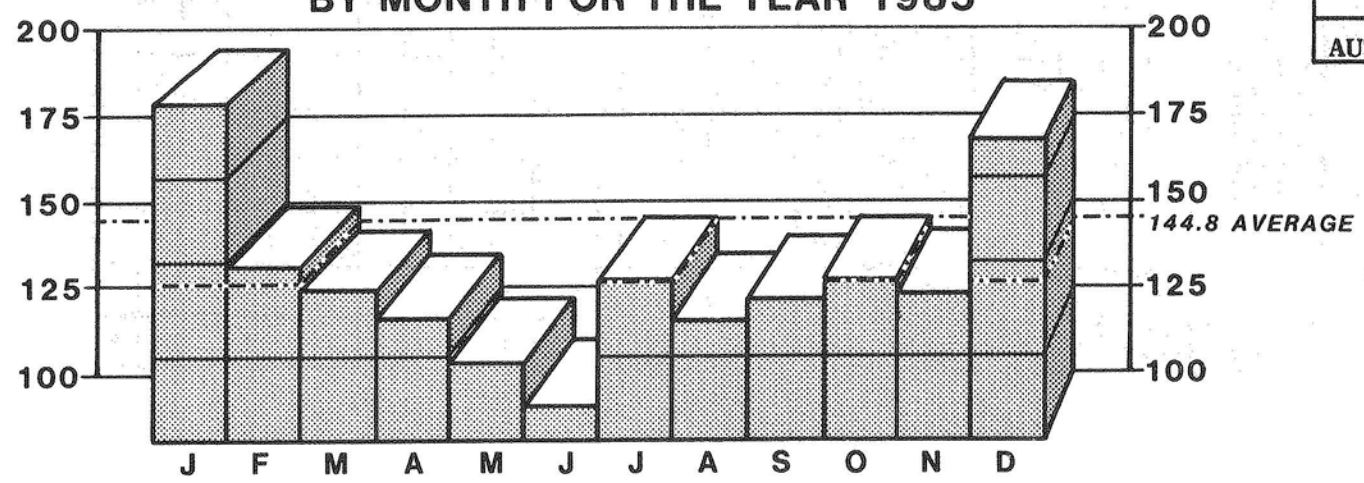
# NATURAL CAUSES

FOR A PERIOD OF TWELVE YEARS



		NUMBER	PERCENT
SEX	MALE	1073	62
	FEMALE	664	38
RACE	WHITE	1170	67
	NON-WHITE	567	33
ALCOHOL	TESTED	1402	81
	POSITIVE	128	9
AUTOPSY	AUTOPSIED	489	28

BY MONTH FOR THE YEAR 1985



1985
TOTAL CASES
1737



# 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	193	121	72	18	22	3	5		2	15	15	103	50	95	49	8	1	1		1				2	1			3		1	
FEBRUARY	148	88	60	10	15	1		1	3	8	12	78	45	72	41	6	4	1	1	2		1	1	1	1		1	1			
MARCH	141	87	54	14	17		2	7	4	7	11	73	37	63	35	10	2	2	1	3		3							2	1	
APRIL	134	76	58	20	17	3		5	1	12	16	56	41	50	39	6	2	1		1	2	1		2						1	
MAY	123	70	53	12	16	2	2	2	4	8	10	58	37	49	35	9	2	2	1	2		2					1	1	2		
JUNE	109	62	47	6	4		1	2	1	4	2	56	43	51	41	5	2	2		1				1	1				1	1	
JULY	145	85	60	22	17	2	5	2	2	18	10	63	43	62	38	1	5		2		1	1			1					1	
AUGUST	134	80	54	14	9	3	1	1	1	10	7	66	45	57	42	9	3	1	1	1		4	1				2	1	1		
SEPTEMBER	139	86	53	14	11	1	4	3	7	10		72	42	67	39	5	3	3	2	1				1			1				
OCTOBER	145	101	44	8	4		1	1		7	3	93	40	83	38	10	2	3	1			2	1	1			1		3		
NOVEMBER	141	92	49	14	11	2	3	2		10	8	78	38	67	38	11				1		2		3		3		1		1	
DECEMBER	185	125	60	18	22	2	4	3	5	13	13	107	38	89	34	18	4	5	2	5	1	3	1	1		2		1		1	
TOTAL	1737	1073	664	170	165	19	28	29	30	122	107	903	499	805	469	98	30	21	11	18	4	19	4	12	4	5	1	10	3	13	3

# DEATHS FROM NATURAL CAUSES

## INTERNATIONAL CODE OF CAUSES OF DEATH LISTED BY MONTH

**TABLE 81**

CLASSIFICATION OF DISEASES BY CODE*	JAN.		FEB.		MAR.		APRIL		MAY		JUNE		JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		TOTAL		GRAND TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Infective and Parasitic Diseases			1				1		1						1				1		1	1	2	5	7			
Neoplasms	3	1	2	2	6	1	3	2	1	1	2	4	3	1	2		3	3	2	3	2	2	4	7	33	27	60	
Allergic, Endocrine System, Metabolic and Nutritional Diseases	2	2				1						2				3	2	1							4	9	13	
Diseases of the Blood and Blood-forming Organs					1																				1		1	
Mental, Psychoneurotic and Personality Disorders **	1								1		1			1						1		1			6	1	7	
Diseases of the Nervous System and Sense Organs	3	1		1	1				1					3			1		1	1					7	6	13	
Diseases of the Circulatory System	108	63	82	48	67	48	63	51	59	46	54	37	73	47	71	47	72	46	90	36	78	45	112	42	929	556	1485	
Diseases of the Respiratory System			1	3	3		3	1	1		1	2	5	4	5	2	1	1	4		4		2	2	30	15	45	
Diseases of the Digestive System	4	2	1	3	5	1	2	2	4	2	1	1	2	1	1	1	2	1		2	3	1	1	2	26	19	45	
Diseases of the Genito-urinary System			1				2							1									1		4	1	5	
Deliveries and Complications of Pregnancy, Childbirth and the Puerperium		1																								1	1	
Diseases of the Skin and Cellular Tissue																											0	
Diseases of the Bones and Organs of Movement																											0	
Congenital Malformations											1								1						1	2	1	3
Certain Diseases of Early Infancy																								1		1	1	
Symptoms, Senility and Ill-defined Conditions ***		2		3	4	3	3	1	3	3	2	1	2	2	1		4	1	3	1	4	1	3	4	29	22	51	
<b>TOTAL</b>	<b>121</b>	<b>72</b>	<b>88</b>	<b>60</b>	<b>87</b>	<b>54</b>	<b>76</b>	<b>58</b>	<b>70</b>	<b>53</b>	<b>62</b>	<b>47</b>	<b>85</b>	<b>60</b>	<b>80</b>	<b>54</b>	<b>86</b>	<b>53</b>	<b>101</b>	<b>44</b>	<b>92</b>	<b>49</b>	<b>125</b>	<b>60</b>	<b>1073</b>	<b>664</b>	<b>1737</b>	

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

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

\*\*\* Sudden Unexpected Infant Deaths Totaled 40.



# AUTOPSIES-DEATHS FROM NATURAL CAUSES

## INTERNATIONAL CODE OF CAUSES OF DEATH LISTED BY MONTH

**TABLE 82**

CLASSIFICATION OF DISEASES BY CODE*	JAN.		FEB.		MAR.		APRIL		MAY		JUNE		JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Infective and Parasitic Diseases			1				1								1				1				1		2	3	5
Neoplasms	2		1	1	1		3	1	1		1						1	1	1		1	1	3		15	4	19
Allergic, Endocrine System, Metabolic and Nutritional Diseases	2	1					1				1		1		1	1									3	5	8
Diseases of the Blood and Blood-forming Organs					1																				1		1
Mental, Psychoneurotic and Personality Disorders**	1								1				1								1				3	1	4
Diseases of the Nervous System and Sense Organs	1	1		1	1				1					2			1		1	1					5	5	10
Diseases of the Circulatory System	33	12	26	10	25	9	19	9	15	7	11	5	17	8	11	2	18	6	19	10	14	5	31	9	239	92	331
Diseases of the Respiratory System			1	2	3		3	1	1		1	2	2	1	1	1		1	3		2		2		19	8	27
Diseases of the Digestive System	3	1	1	3	4	1	1	1	4			1	1	1	1	1				2	3			1	18	12	30
Diseases of the Genito-urinary System							1							1											1	1	2
Deliveries and Complications of Pregnancy, Childbirth and the Puerperium			1																							1	1
Diseases of the Skin and Cellular Tissue																											0
Diseases of the Bones and Organs of Movement																											0
Congenital Malformations																											0
Certain Diseases of Early Infancy																								1		1	1
Symptoms, Senility and Ill-defined Conditions***		2		3	4	3	3	1	3	3	2	1	2	2	1		4	1	3	1	4	1	3	3	29	21	50
<b>TOTAL</b>	<b>42</b>	<b>18</b>	<b>30</b>	<b>20</b>	<b>39</b>	<b>14</b>	<b>30</b>	<b>14</b>	<b>26</b>	<b>10</b>	<b>15</b>	<b>10</b>	<b>22</b>	<b>17</b>	<b>14</b>	<b>6</b>	<b>25</b>	<b>9</b>	<b>27</b>	<b>15</b>	<b>25</b>	<b>7</b>	<b>40</b>	<b>14</b>	<b>335</b>	<b>154</b>	<b>489</b>

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

\*\* In Mental, Psychoneurotic and Personality Disorders 4 were due to Alcoholism.

\*\*\* Sudden Unexpected Infant Deaths Totaled 39.

# 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		2	1	3	7	4	5	2	2	3	3	1	2	2	1		3	1	3	1	2	1	2	4	31	24	55
1 - 4										1						2			1						1	3	4
5 - 9																											0
10 - 14										1			1										1	1	2	2	4
15 - 19	2				1											1	1								4	1	5
20 - 24					1	1			1		1			1	2		1			2					6	4	10
25 - 29	1	2			1			2	2	2				2					1	2	2				7	10	17
30 - 34	3	1	2		1		3		2		1	2	1	1	1	1	5		2	1	2	1	1	1	24	8	32
35 - 39	3	1	3	1	4	1	2		4				2		3		1	3	1		6		2	6	31	12	43
40 - 44	4	3	5	2	4				8				1	1	1	2	4	1		1	4		5	1	36	11	47
45 - 49	6	4	6	1	7	1	3	3	2	3	2	1	7	2	5	4	5	1	4	1	4	1	5	2	56	26	82
50 - 54	10		2	8	9	2	7	2	1	1	5	3	8	3	4		8	5	7	6	9	4	13	2	83	36	119
55 - 59	12	8	12	5	7	2	10	4	6	4	6	7	15		13	2	9	3	14	4	10	2	16	4	130	45	175
60 - 64	19	7	12	6	14	5	7	7	9	3	8	4	9	5	7	5	12	5	16	1	22	5	19	4	154	57	211
65 - 69	16	9	16	4	10	6	14	9	9	8	8	9	16	6	16	8	13	7	17	3	13	5	20	5	168	79	247
70 - 74	22	14	7	8	9	6	9	7	12	8	11	4	7	6	6	9	9	15	15	7	5	11	14	11	126	106	232
75 - 79	11	9	10	5	3	14	10	8	7	5	10	5	5	5	10	7	10	3	8	3	7	6	10	6	101	76	177
80 - over	12	12	12	17	9	12	6	14	5	14	7	9	11	26	11	13	5	9	12	12	6	13	17	13	113	164	277
<b>TOTAL</b>	<b>121</b>	<b>72</b>	<b>88</b>	<b>60</b>	<b>87</b>	<b>54</b>	<b>76</b>	<b>58</b>	<b>70</b>	<b>53</b>	<b>62</b>	<b>47</b>	<b>85</b>	<b>60</b>	<b>80</b>	<b>54</b>	<b>86</b>	<b>53</b>	<b>101</b>	<b>44</b>	<b>92</b>	<b>49</b>	<b>125</b>	<b>60</b>	<b>1073</b>	<b>664</b>	<b>1737</b>



# AUTOPSIES-DEATHS FROM NATURAL CAUSES

## MONTHS AND AGE GROUPS

**TABLE 84**

AGE	JAN.		FEB.		MAR.		APRIL		MAY		JUNE		JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Under 1 Year		2	1	3	6	3	5	2	2	3	2	1	2	2	1		2	1	2	1	2	1	2	3	27	22	49
1 - 4										1						1			1						1	2	3
5 - 9																											0
10 - 14																											0
15 - 19	1				1											1									2	1	3
20 - 24					1	1			1		1			1	2					2					5	4	9
25 - 29	1	2			1			2	2	1				1					2	2					6	8	14
30 - 34	3	1	2		1		3		2		1	1	1	1	1	1	4		2	1	2	1	1	1	23	7	30
35 - 39	2		3	1	4	1	1		4				2		1		2	2	1		3		2	4	25	8	33
40 - 44	4	1	4	1	4				7				1		1		2				2		3		28	2	30
45 - 49	4	3	5	1	5	1	3	1	2	2	1	1	4	1	2	2	3		3	1	1		4	1	37	14	51
50 - 54	9		1	4	6	2	4				3	2	5				4	2	4	5	3	1	7	1	46	17	63
55 - 59	9	2	4	2	2	1	4	1	2	1	1				1		3		1	1	3	2	7	1	37	11	48
60 - 64	2		1	3	2	1	2	1	1		3	1	1	4	1				4		3		4		24	10	34
65 - 69	1		6	1	3	1	4	3	1	1	1	1	4	1	1	1	1		1		4	2	5	1	32	12	44
70 - 74	3	3		1	1	2	1	1	1		1	1	1		1		1	1	5	1					15	10	25
75 - 79	2	3	1	1			2				1		2	1		2		2							10	7	17
80 - over	1	1	2	2	2	1	1	3	1	1	1	1	1	4	1		1	3	1	1			5	2	17	19	36
<b>TOTAL</b>	<b>42</b>	<b>18</b>	<b>30</b>	<b>20</b>	<b>39</b>	<b>14</b>	<b>30</b>	<b>14</b>	<b>26</b>	<b>10</b>	<b>15</b>	<b>10</b>	<b>22</b>	<b>17</b>	<b>14</b>	<b>6</b>	<b>25</b>	<b>9</b>	<b>27</b>	<b>15</b>	<b>25</b>	<b>7</b>	<b>40</b>	<b>14</b>	<b>335</b>	<b>154</b>	<b>489</b>

# DEATHS FROM NATURAL CAUSES

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

**TABLE 85**

CLASSIFICATION OF DISEASES BY CODE*	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
	Infective and Parasitic Diseases	1	2		1									1												1										1	2	5	
Neoplasms													2		1		1	2	2	5				6	2	5	2	4	3	3	3	3	1	5	10	33	27	60	
Allergic, Endocrine System, Metabolic and Nutritional Diseases									1	1					1		1	1	1	1	1				1					1		1			1	4	9	13	
Diseases of the Blood and Blood-forming Organs											1																									1		1	
Mental, Psychoneurotic and Personality Disorders**							1						1	2						1			1												6	1	7		
Diseases of the Nervous System and Sense Organs	1						1				1		1		2				1	1						2	1					1		1	7	6	13		
Diseases of the Circulatory System	3	1		1			1	1	2		3	3	6	4	14	3	25	7	29	7	45	19	71	30	116	41	140	48	153	72	121	100	94	72	106	147	929	556	1485
Diseases of the Respiratory System	4		1	1						1			1	3	1					1	1	2	3	3		5	3	7	1	1	1	1	1	1	2	30	15	45	
Diseases of the Digestive System							1					1	3		2	2	3	1	4	3	4	3	4	3	2	2	3	1	1	3		1	2	1	1	1	26	19	45
Diseases of the Genito-urinary System																		1						1			1		1						1	4	1	5	
Deliveries and Complications of Pregnancy, Childbirth and the Puerperium												1																									1		1
Diseases of the Skin and Cellular Tissue																																							0
Diseases of the Bones and Organs of Movement																																							0
Congenital Malformation	2						1																													2	1	3	
Certain Diseases of Early Infancy		1																																				1	1
Symptoms, Senility and Ill-defined Conditions***	20	20								1			1	4			1	2			1							1								29	22	51	
<b>TOTAL</b>	<b>31</b>	<b>24</b>	<b>1</b>	<b>3</b>			<b>2</b>	<b>2</b>	<b>4</b>	<b>1</b>	<b>6</b>	<b>4</b>	<b>7</b>	<b>10</b>	<b>24</b>	<b>8</b>	<b>31</b>	<b>12</b>	<b>36</b>	<b>11</b>	<b>56</b>	<b>26</b>	<b>83</b>	<b>36</b>	<b>130</b>	<b>45</b>	<b>154</b>	<b>57</b>	<b>168</b>	<b>79</b>	<b>126</b>	<b>106</b>	<b>101</b>	<b>76</b>	<b>113</b>	<b>164</b>	<b>1073</b>	<b>664</b>	<b>1737</b>

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

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

\*\*\* Sudden Unexpected Infant Deaths Totaled 40.



# 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	2		1																																			2
Neoplasms													1								2		2		3	1	2		2		1		1		2	2	15	4	19	
Allergic, Endocrine System, Metabolic and Nutritional Diseases									1						1		1		1	1				1								1					3	5	8	
Diseases of the Blood and Blood-forming Organs													1																									1		1
Mental, Psychoneurotic and Personality Disorders**															1	2							1															3	1	4
Diseases of the Nervous System and Sense Organs	1										1		1				2				1											1			1		5	5	10	
Diseases of the Circulatory System	1			1					2		3	3	5	3	13	3	19	5	22	2	28	9	38	11	29	8	19	6	25	12	14	9	7	5	14	15	239	92	331	
Diseases of the Respiratory System	4			1						1				1	3	1					1	1	2	3	2		2	1	2					1	1			19	8	27
Diseases of the Digestive System													1	3			2	2	3		3	3	3	3	1	2	1		1			1	1					18	12	30
Diseases of the Genitourinary System																																					1	1	1	2
Deliveries and Complications of Pregnancy, Childbirth and the Puerperium													1																									1		1
Diseases of the Skin and Cellular Tissue																																								0
Diseases of the Bones and Organs of Movement																																								0
Congenital Malformations																																								0
Certain Diseases of Early Infancy				1																																			1	1
Symptoms, Senility and Ill-defined Conditions***	20	19								1			1	4				1	2		1																	29	21	50
TOTAL	27	22	1	2					2	1	5	4	6	8	23	7	25	8	28	2	37	14	46	17	37	11	24	10	32	12	15	10	10	7	17	19	335	154	489	

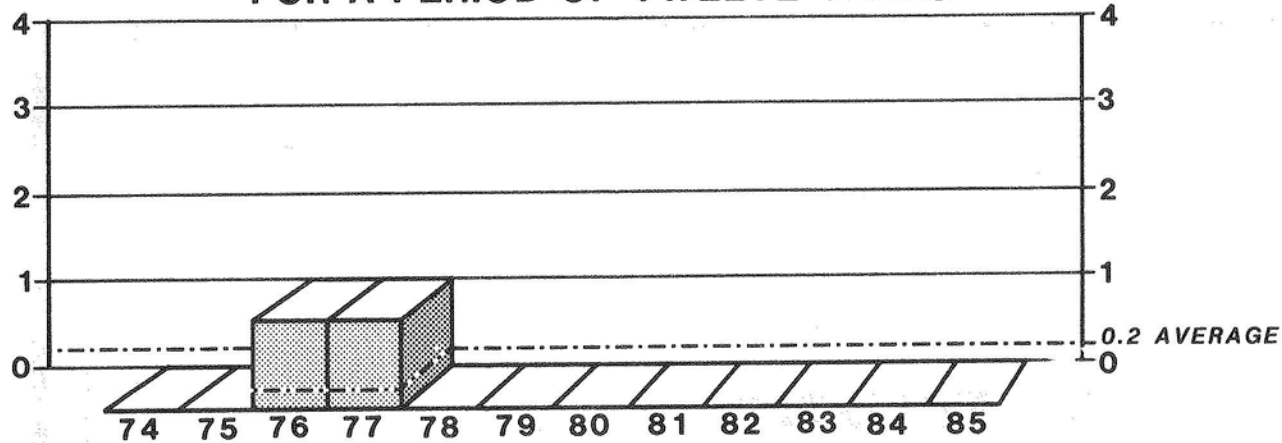
\* International Classification of Diseases by World Health Organization: Ninth Revision.

\*\* In Mental, Psychoneurotic and Personality Disorders 4 were due to Alcoholism.

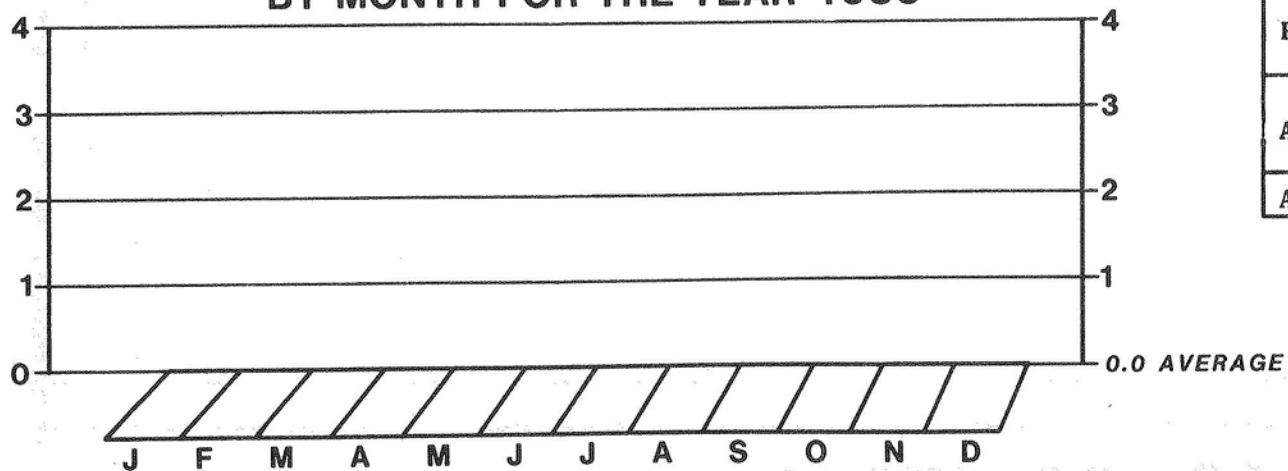
\*\*\* Sudden Unexpected Infant Deaths Totaled 39.

# ABORTIONS

FOR A PERIOD OF TWELVE YEARS



BY MONTH FOR THE YEAR 1985



		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

1985
TOTAL CASES
0



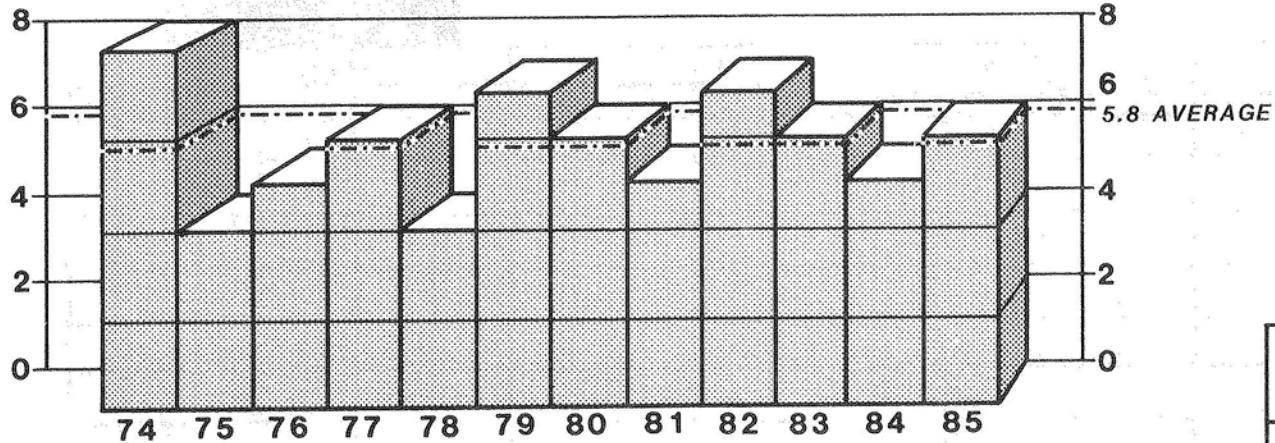
# ABORTION FATALITIES

**TABLE 87**

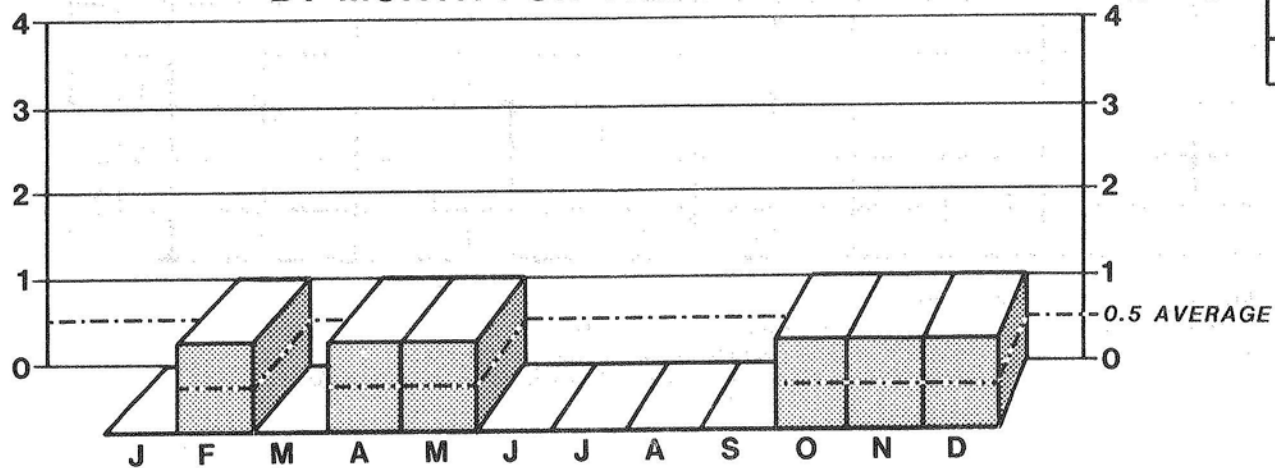
**NO FATALITIES  
RECORDED IN THIS CATEGORY IN 1985**

# NEONATAL AND INTRA-UTERINE DEATHS

FOR A PERIOD OF TWELVE YEARS



BY MONTH FOR THE YEAR 1985



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

1985
TOTAL CASES
6



# NEONATAL AND INTRA-UTERINE DEATHS\*

## BY MONTH AND AGE GROUPS

**TABLE 88**

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

# 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						1												1
MARCH																		
APRIL																		
MAY									1									1
JUNE																		
JULY																		
AUGUST																		
SEPTEMBER																		
OCTOBER													1					1
NOVEMBER												1						1
DECEMBER						1												1
TOTAL						2			1		1		1				3	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.

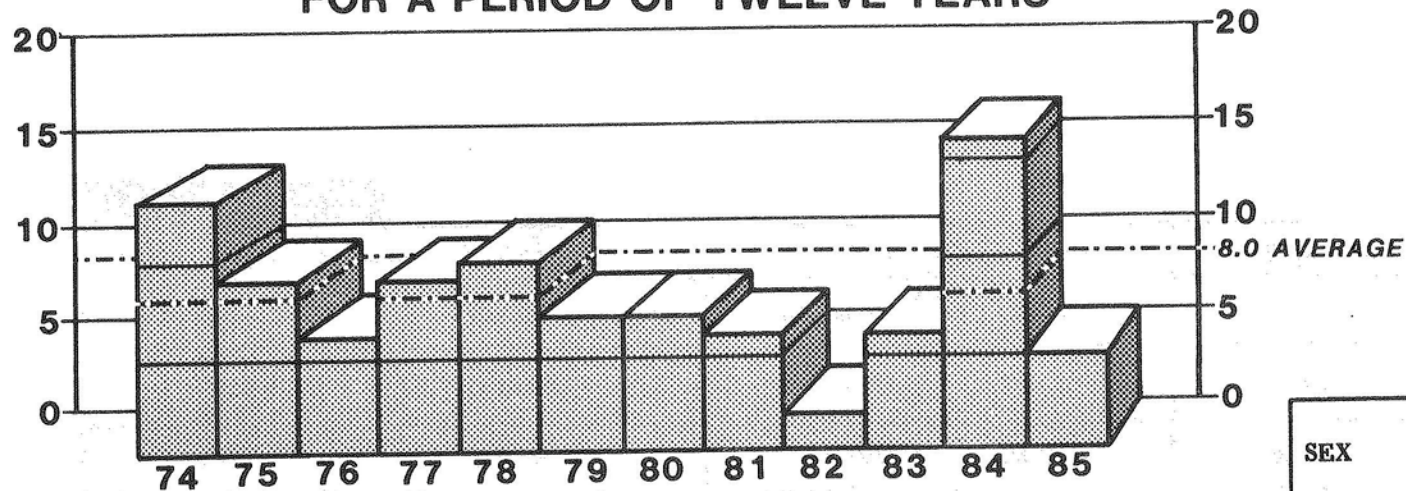
GROUP IV - Gestation period not classifiable in Group I, II, or III.



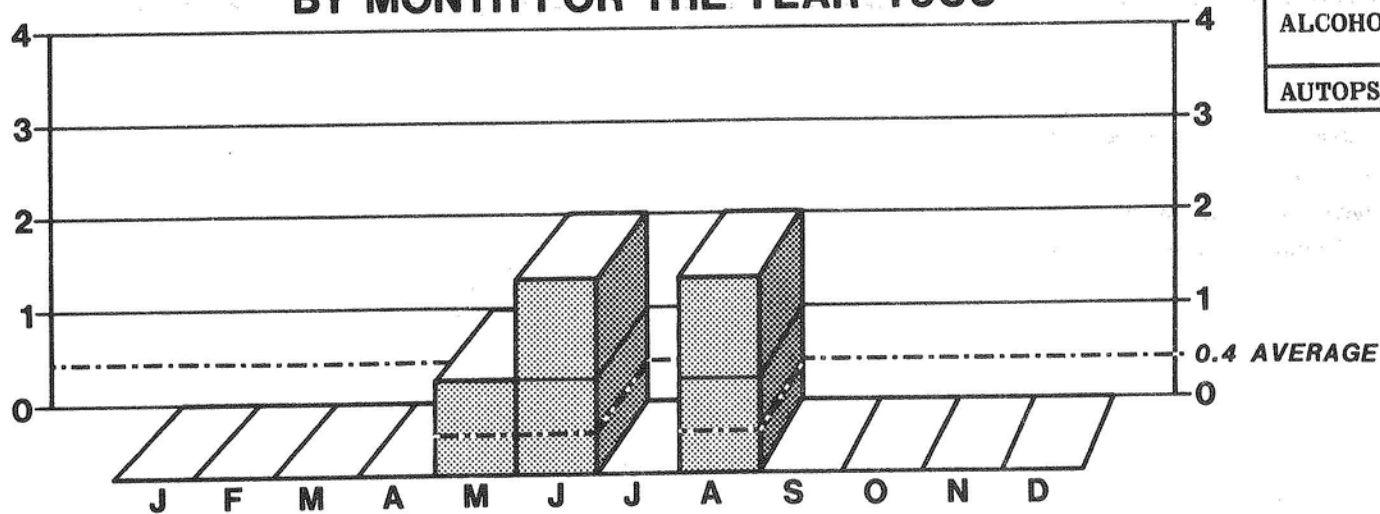


# UNDETERMINED CAUSES

FOR A PERIOD OF TWELVE YEARS



BY MONTH FOR THE YEAR 1985



		NUMBER	PERCENT
SEX	MALE	3	60
	FEMALE	2	40
RACE	WHITE	3	60
	NON-WHITE	2	40
ALCOHOL	TESTED	2	40
	POSITIVE	1	50
AUTOPSY	AUTOPSIED	5	100

1985
TOTAL CASES
5



## DEATHS FROM UNDETERMINED CAUSES

**TABLE 90**

COLOR	SEX	AGE	MARITAL STATUS	DATE OF DEATH	OCCUPATION	WHERE DEATH OCCURRED	CASE NUMBER
Black	Female	22	Single	5-4-85	Unemployed	Cleveland	192670
White	Male	60-65	Unknown	6-1-85	Unknown	Cleveland	192876
Black	Male	67	Divorced	6-24-85	Waiter	Cleveland	193029
White	Female	79	Widowed	8-20-85	Housewife	Mayfield Heights	193440
White	Male	68	Divorced	8-27-85	Laborer	Brecksville	193497

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

Advanced postmortem decomposition in 5 cases.

Toxicology examination and alcohol determination conducted on 2 cases.

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

# TOXICOLOGY LABORATORY REPORT INCIDENCE OF POISONINGS (%) IN TESTED INDIVIDUALS

**TABLE 91**

**CUYAHOGA COUNTY CORONER'S OFFICE**

	NUMBER OF DECEDENTS	NUMBER OF FATAL POISONINGS
<b>POSTED</b>	1413 (50.8%)	119 (95.2%)
<b>NON-POSTED</b>	1369 (49.2%)	6 (4.8%)
<b>NO SAMPLES *</b>	649 (23.3%)	8 (6.4%)
<b>TOTAL</b>	2782 (100%)	125 (100%)

\* No specimen submitted for toxicological analysis.

**OUTSIDE REFERRING AGENCIES**

SOURCE	NUMBER
<b>HOSPITALS *</b>	898 (69.8%)
<b>OTHER CORONER'S JURISDICTION</b>	95 (7.4%)
<b>PROFICIENCIES</b>	46 (3.6%)
<b>POLICE</b>	248 (19.2%)
<b>TOTAL</b>	1287 (100%)

\* Includes in-and out-patients



# TOXICOLOGY LABORATORY REPORT

## INCIDENCE AND FREQUENCY OF POSITIVE FINDINGS

**TABLE 91A**

SUBSTANCES	CUYAHOGA COUNTY CORONER'S LABORATORY CASES <sup>1</sup>				OUTSIDE REFERRING AGENCIES <sup>2</sup>		GRAND TOTAL
	ALL CASES		FATAL POISONINGS		ALL CASES		
	INCIDENCE	%	INCIDENCE	%	INCIDENCE	%	
Acetaminophen	163	5.86	19	15.20	138	13.30	301
Amantidine <sup>3</sup>	2	0.07	1	0.80			2
Barbiturates (total)	(44)	1.58	13	10.40	(80)	7.70	(124)
Amobarbital	3	0.11	2	1.60	5	0.48	8
Butalbital	3	0.11	1	0.80	1	0.10	4
Pentobarbital	5	0.18	3	2.40	7	0.67	12
Phenobarbital	26	0.93			55	5.29	81
Secobarbital	7	0.25	7	5.60	12	1.16	19
Benzodiazepines (total)	(132)	4.74	(46)	36.80	(230)	22.14	(262)
Alprazolam <sup>3</sup>	1	0.04	1	0.80	1	0.10	2
Chlordiazepoxide	7	0.25	4	3.20	3	0.29	10
Clonazepam <sup>3</sup>					1	0.10	1
Diazepam	45	1.62	13	10.40	70	6.74	115
n-desmethylchlordiazepoxide	5	0.18	4	3.20	2	0.19	7
n-desmethyldiazepam	54	1.94	15	12.00	66	6.35	120
Demoxepam	5	0.18	2	1.60	2	0.19	7
n-desalkylflurazepam	8	0.29	3	2.40	10	1.00	18
Flurazepam	3	0.11	3	2.40	2	0.19	5
Nitrazepam <sup>3</sup>					1	0.10	1
Oxazepam	4	0.14	1	0.80	4	0.38	8
Screening test					68	6.54	68
Brompheniramine	2	0.07			8	0.77	10
Caffeine <sup>3</sup>	20	0.72	3	2.40	1	0.10	21
Carbon Monoxide <sup>3</sup>	61	2.19	55	44.00	8	0.77	69
Carbamazepine <sup>3</sup>	1	0.04			6	0.58	7
Chlorpheniramine	13	0.47	2	1.60	14	1.35	27
Chlorpropamide	12	0.43			8	0.77	20
Chloral Hydrate <sup>3</sup>	1	0.04	1	0.80	2	0.19	3
Cimetidine <sup>3</sup>	1	0.04					1
Cocaine	12	0.43	2	1.60	11	1.06	23
Cocaine Metabolite	31	1.11	7	5.60	22	2.12	53

# TOXICOLOGY LABORATORY REPORT

## INCIDENCE AND FREQUENCY OF POSITIVE FINDINGS

**TABLE 91A cont.**

SUBSTANCES	CUYAHOGA COUNTY CORONER'S LABORATORY CASES <sup>1</sup>				OUTSIDE REFERRING AGENCIES <sup>2</sup>		GRAND TOTAL
	ALL CASES		FATAL POISONINGS		ALL CASES		
	INCIDENCE	%	INCIDENCE	%	INCIDENCE	%	
Cogentin	2	0.07					2
Cyclizine					1	0.10	1
Cyclobenzaprine	1	0.04			1	0.10	2
Dextromethorphan	6	0.22	2	1.60	2	0.19	8
Diphenhydramine	13	0.47	4	3.20	25	2.41	38
Disopyramide <sup>3</sup>	3	0.11			1	0.10	4
Doxylamine	6	0.22	1	0.80	2	0.19	8
Ethylene Glycol/Propylene Glycol <sup>3</sup>	1	0.04	1	0.80	1	0.10	2
Formaldehyde <sup>3</sup>					1	0.10	1
Glutethimide					1	0.10	1
Hydrocarbons <sup>3</sup>	1	0.04	1	0.80			1
Hydroxyzine <sup>3</sup>	1	0.04	1	0.80	1	0.10	2
Ketamine	1	0.04			1	0.10	2
Lidocaine	182	6.54	12	9.60	39	3.75	221
Meperidine	29	1.04	4	3.20	15	1.44	44
Mepevicaine <sup>3</sup>	1	0.04	1	0.80			1
Meprobamate	3	0.11	2	1.60	2	0.19	5
Methadone	7	0.25	2	1.60	11	1.06	18
Methadone Metabolite	3	0.11	2	1.60	11	1.06	14
Nicotine <sup>3</sup>					1	0.10	1
Nomifensine <sup>3</sup>	1	0.04					1
Normeperidine	26	0.93	4	3.20	15	1.44	41
Norpropoxyphene	26	0.93	7	5.60	15	1.44	41
Opiates (total)	(70)	2.52	(21)	16.80	(47)	4.52	(117)
Codeine	38	1.37	7	5.60	28	2.69	66
Hydromorphone	3	0.11	2	1.60	3	0.29	6
Morphine	28	1.01	11	8.80	15	1.44	43
Oxycodone	1	0.04	1	0.80	1	0.10	2
Pentazocine	7	0.25	2	1.60	1	0.10	8
Phencyclidine	1	0.04	1	0.80	14	1.35	15



# TOXICOLOGY LABORATORY REPORT

## INCIDENCE AND FREQUENCY OF POSITIVE FINDINGS

**TABLE 91A cont.**

SUBSTANCES	CUYAHOGA COUNTY CORONER'S LABORATORY CASES <sup>1</sup>				OUTSIDE REFERRING AGENCIES <sup>2</sup>		GRAND TOTAL
	ALL CASES		FATAL POISONINGS		ALL CASES		
	INCIDENCE	%	INCIDENCE	%	INCIDENCE	%	
Phenothiazines (total)	(15)	0.54	(2)	1.60	(12)	1.16	(27)
Chlorpromazine	2	0.07	1	0.80	2	0.19	4
Thioridazine	4	0.14	1	0.80	3	0.29	7
Others	9	0.32			7	0.67	16
Phenytoin	35	1.26	3	2.40	28	2.69	63
Placidyl					3	0.29	3
Propoxyphene	16	0.58	8	6.40	12	1.16	28
Propranolol	5	0.18	1	0.80	2	0.19	7
Quinidine	10	0.36			2	0.19	12
Quinine	12	0.43	1	0.80	2	0.19	14
Tricyclic Antidepressants (total)	(58)	2.08	(33)	26.40	(95)	9.14	(153)
Amitriptyline	8	0.29	6	4.80	21	2.02	29
Amoxapine	2	0.07	1	0.80	5	0.48	7
Desipramine	9	0.32	5	4.00	10	1.00	19
Doxepin	9	0.32	5	4.00	11	1.06	20
Imipramine	6	0.22	3	2.40	7	0.67	13
Loxapine	1	0.04			3	0.29	4
Maprotyline	1	0.04	1	0.80	1	0.10	2
Nordoxepin	9	0.32	4	3.20	14	1.35	23
Nortriptyline	12	0.43	7	5.60	23	2.21	35
Trimipramine	1	0.04	1	0.80			1
Salicylate	75	2.70	8	6.40	59	5.68	134

# TOXICOLOGY LABORATORY REPORT

## INCIDENCE AND FREQUENCY OF POSITIVE FINDINGS

### TABLE 91A cont.

SUBSTANCES	CUYAHOGA COUNTY CORONER'S LABORATORY CASES <sup>1</sup>				OUTSIDE REFERRING AGENCIES <sup>2</sup>		GRAND TOTAL
	ALL CASES		FATAL POISONINGS		ALL CASES		
	INCIDENCE	%	INCIDENCE	%	INCIDENCE	%	
Sympathomimetics (total)	(60)	2.16	(12)	9.60	(92)	8.85	(152)
Amphetamine	1	0.04	1	0.80	2	0.19	3
beta-Phenethylamine <sup>3</sup>	5	0.18					5
Ephedrine	16	0.58	4	3.20	28	2.69	44
Mephentermine <sup>3</sup>	4	0.14					4
Phendimetrazine	1	0.04	1	0.80			1
Phenmetrazine	1	0.04	1	0.80			1
Phentermine	4	0.14			10	1.00	14
Phenylpropanolamine	28	1.01	5	4.00	52	5.00	80
Theophylline <sup>3</sup>	16	0.58	1	0.80			16
Tolbutamide	1	0.04					1
Trazadone <sup>3</sup>					2	0.19	2
Tripeleennamine	7	0.25	1	0.80	4	0.38	11
Volatiles (total)	(460)	16.53	(39)	31.20	(189)	18.17	(649)
Ethanol	429	15.42	39	31.20	149	14.32	578
Isopropanol/Acetone	31	1.11			34	3.27	65
Methanol					3	0.29	3
Methylene Chloride					1	0.10	1
Toluene <sup>3</sup>					2	0.19	2
<b>Totals</b>	<b>1656</b>		<b>326</b>		<b>1238</b>		<b>2894</b>

1. All autopsied decedents from whom specimens were submitted and 20% of the remaining unautopsied decedents randomly selected were completely evaluated.\* Specimens from the remaining decedents were tested primarily for ethyl alcohol and its analogues and spot tests when urine was submitted.
  2. Data from hospital patients, decedents in other coroners' jurisdictions and proficiencies excluded are data from 248 police arrests, 229 of which were positive for ethanol.
  3. Evaluation for this agent only carried out by special request.
- \* Completely evaluated - as defined by items 2 through 10 on Table 92.



# TOXICOLOGY LABORATORY REPORT

## INCIDENCE OF ANALYTES IN POSITIVE CASES\*

**TABLE 91B**

CUYAHOGA COUNTY CORONER'S LABORATORY CASES		OUTSIDE REFERRING AGENCIES	
ALL CASES (%)	FATAL POISONINGS (%)	ALL CASES (%)	
Ethanol 15.42	Carbon Monoxide 44.00	Benzodiazepines 22.14	
Lidocaine 6.54	Benzodiazepines 36.80	Ethanol 14.34	
Acetaminophen 5.86	Ethanol 31.20	Acetaminophen 13.28	
Benzodiazepines 4.74	Tricyclics 26.40	Tricyclics 9.14	
Salicylate 2.70	Opiates 16.80	Sympathomimetics 8.85	
Opiates 2.52	Acetaminophen 15.20	Barbiturates 7.70	
Carbon monoxide 2.19	Propoxyphene/ Norpropoxyphene 12.00	Salicylates 5.68	
Sympathomimetics 2.16	Barbiturates 10.40	Opiates 4.52	
Tricyclics 2.08	Sympathomimetics 9.60	Lidocaine 3.75	
	Lidocaine 9.60		
Meperidine/ Normeperidine 1.98	Cocaine/ Cocaine Metabolite 7.20	Cocaine/ Cocaine Metabolite 3.18	

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

# TOXICOLOGY LABORATORY REPORT

## NUMBER OF TESTS PERFORMED

**TABLE 92**

DRUG GROUP	TOTAL STD <sup>12</sup>	TOTAL QC <sup>13</sup>	CUYAHOGA COUNTY CORONER'S LABORATORY CASES TESTS <sup>14</sup>	OUTSIDE REFERRING AGENCIES TESTS <sup>14</sup>	TOTALS
Antiepileptic drugs <sup>1</sup>	480	436	376	116	1,408
Barbiturates <sup>2</sup>	5,509	1,478	15,414	11,322	33,723
Benzodiazepines <sup>3</sup>	2,681	1,198	10,672	7,144	21,695
Carbon monoxide		298	491	54	843
Spot tests <sup>4</sup>		4,339	7,792	5,985	18,116
Cocaine metabolite <sup>5</sup>	295		532	817	1,644
Neutral drugs <sup>6</sup>	5,800	1,213	15,312	7,854	30,179
Opiates <sup>7</sup>	631	169	6,645	3,615	11,060
Organic bases <sup>8</sup>	12,717	9,360	105,366	71,099	198,542
Phencyclidine	936	1,380	2,583	2,243	7,142
Salicylate	347	461	2,286	1,311	4,405
Sympathomimetics <sup>9</sup>	1,704	280	10,696	6,088	18,768
Volatiles <sup>10</sup>	6,288	1,736	20,468	14,404	42,896
Xanthenes <sup>11</sup>	1,554	1,083	2,226	240	5,103
<b>TOTAL</b>	<b>38,942</b>	<b>23,431</b>	<b>200,859</b>	<b>132,292</b>	<b>395,524</b>



# TOXICOLOGY LABORATORY REPORT

## AGENTS INCLUDED IN DRUG GROUPS ON TABLE 92

- 1) Primadone, Phenytoin, Carbamazepine and Phenobarbital.
- 2) Amobarbital, Butobarbital, Butalbital, Pentobarbital and Secobarbital.
- 3) Chlordiazepoxide, Diazepam, Flurazepam, N-Desalkylflurazepam, N-Desmethylchlordiazepoxide, N-Desmethyldiazepam, Demoxepam and Oxazepam.
- 4) Ethchlorvynol, Acetaminophen, Salicylate, Glucose and Ketone Bodies, Imipramine and Phenothiazines.
- 5) Benzoyllecgonine.
- 6) Glutethimide, Meprobamate, Methaqualone, Methyprylon, Chlorpropamide and Tolbutamide.
- 7) Codeine, Hydrocodone, Hydromorphone, Morphine and Oxycodone.
- 8) Amitriptyline, Amoxapine, Brompheniramine, Chlorpheniramine, Chlorpromazine, Cocaine, Cogentin, Cyclizine, Desipramine, Dextromethorphan, Diphenhydramine, Doxepin, Doxylamine, Disopyramide, Imipramine, Ketamine, Lidocaine, Loxapine, Meperidine, Methapyrilene, Methadone, Methadone Metabolite, Nordoxepin, Nortriptyline, Norpropoxyphene, Normeperidine, Orphenadrine, Pentazocine, Phencyclidine, Phenyltoloxamine, Pheniramine, Promethazine, Propoxyphene, Protriptyline, Pylamine, Propranolol, Quinine, Quinidine, Trimipramine and Tripeleminamine.
- 9) Amphetamine, Methamphetamine, Ephedrine, Phenmetrazine, Phendimetrazine, Phentermine, Mephentermine and Phenylpropanolamine.
- 10) Acetone, Ethyl Alcohol, Isopropanol and Methanol.
- 11) Acetaminophen, Caffeine and Theophylline.
- 12) STD'S equals number of standards tested for a given drug group.
- 13) QC equals number of quality control tests performed for a given drug group.
- 14) Number of tests performed for a given drug group.

# TOXICOLOGY LABORATORY REPORT

## PROFICIENCY STUDIES

**TABLE 92A**

AGENCY	SURVEY TYPE	NUMBER OF SURVEYS	NUMBER OF SAMPLES		NUMBER OF SUBSTANCES FOUND
			BLOOD	URINE	
College of American Pathologists (CAP)	Basic Toxicology Survey	4	10	10	48
College of American Pathologists (CAP)	Advanced Toxicology Survey	4	15	5	56
College of American Pathologists (CAP)	Urine Toxicology Survey	4		12	57
California Association of Toxicologists	General Toxicology Survey	4	2	2	9
Department of Transportation (Federal)	Alcohol	1	4		4
College of American Pathologists (CAP)	Alcohol Toxicology Survey	12	69		69
Ohio Department of Health	Alcohol	2	17		14
Pennsylvania Department of Health	Drugs of Abuse	4		16	62
Wisconsin State Laboratory of Hygiene	Alcohol	11	22	6	28
<b>TOTAL</b>		<b>46</b>	<b>76</b>	<b>51</b>	<b>347</b>

In 1985 the Cuyahoga County Coroner's Office Toxicology Laboratory participated in 46 proficiency surveys. The performance of the laboratory was rated satisfactory by the agencies conducting the surveys.



# TOXICOLOGY LABORATORY REPORT

## SUBSTANCES INVOLVED IN FATAL POISONINGS

**TABLE 93**

SUBSTANCES	ACCIDENT	SUICIDE	TOTAL
<u>Single Chemical Agent:</u>			
Acetaminophen	2	1	3
Amitriptyline	1	1	2
Barbiturates			
Pentobarbital		1	1
Phenobarbital		1	1
Secobarbital		2	2
Chloral Hydrate	1		1
Codeine	1		1
Desipramine	1*	1	2
Doxepin		1	1
Ethylene Glycol	1	1	2
Gasoline	1		1
Hydromorphone		1	1
Ludiomil (Maprotiline)		1	1
Meperidine	1		1
Morphine	1		1
Opiate	1		1
Propoxyphene		1	1
Salicylate		2	2
Theophylline		1	1
Thioridazine	1		1
Toluene	1		1
<b>TOTAL</b>	<b>13</b>	<b>15</b>	<b>28</b>
<u>Combined Effect of Ethanol and:</u>			
Amitriptyline		1	1
Diazepam	2		2
Doxepin		1	1
Meperidine	1		1
Phenobarbital		1	1
Opiate	1		1
Acetaminophen and propoxyphene		1	1
Barbiturate and chlordiazepoxide	1*		1
Cocaine and heroin	1		1
Doxepin and meperidine	1		1
Doxepin and propoxyphene	1		1

# TOXICOLOGY LABORATORY REPORT

## SUBSTANCES INVOLVED IN FATAL POISONINGS\*

**TABLE 93 cont.**

SUBSTANCES	ACCIDENT	SUICIDE	TOTAL
<u>Combined Effect of Ethanol and: (continued)</u>			
Flurazepam and mixed tricyclics		1	1
Flurazepam and propranolol	1*		1
Flurazepam and trimipramine		1	1
Opiates and benzodiazepines	1		1
Opiates and diazepam	1		1
Diazepam, phenobarbital and secobarbital	1		1
Pentobarbital, desalkylflurazepam and acetaminophen	1		1
Pentobarbital, secobarbital and propoxyphene		1	1
Diazepam, chlorpromazine, amitriptyline and diphenhydramine	1		1
Methadone, morphine, cocaine and phenylpropanolamine	1		1
<b>TOTAL</b>	<b>15</b>	<b>7</b>	<b>22</b>
<u>Combined Effect of Two Chemical Agents:</u>			
Chlorpromazine and amantadine	1		1
Imipramine and flurazepam		1	1
Morphine and meperidine	1		1
Propoxyphene and diazepam	1		1
<b>TOTAL</b>	<b>3</b>	<b>1</b>	<b>4</b>
<u>Combined Effect of Three Chemical Agents:</u>			
Amitriptyline, nortriptyline and caffeine		1	1
Amphetamine, phedimetrazine and phenmetrazine	1		1
Butalbital, codeine and acetaminophen	1		1
Diazepam, cocaine and opiate	1		1
Heroin, cocaine and phencyclidine	1		1
Nortriptyline, secobarbital and diphenhydramine		1	1
Meprobamate, propoxyphene and acetaminophen		1	1
Oxycodone, methadone and cocaine	1		1
Propoxyphene, acetaminophen and benzodiazepine		1	1
<b>TOTAL</b>	<b>5</b>	<b>4</b>	<b>9</b>



# TOXICOLOGY LABORATORY REPORT

## SUBSTANCES INVOLVED IN FATAL POISONINGS\*

**TABLE 93 cont.**

SUBSTANCES	ACCIDENT	SUICIDE	TOTAL
<u>Combined Effect of Four Chemical Agents:</u>			
Amobarbital, secobarbital, diazepam and cocaine		1	1
Chlordiazepoxide, imipramine, diazepam and propranolol		1	1
Codeine, propoxyphene, acetaminophen and chlordiazepoxide	1*		1
Meperidine, hydromorphone, secobarbital and diazepam	1		1
<b>TOTAL</b>	<b>2</b>	<b>2</b>	<b>4</b>
<b>GRAND TOTAL</b>	<b>38</b>	<b>29</b>	<b>67</b>

\* Manner Undetermined

\*\* Excluding 58 carbon monoxides.

# TOXICOLOGY LABORATORY REPORT

## CARBON MONOXIDE FATALITIES

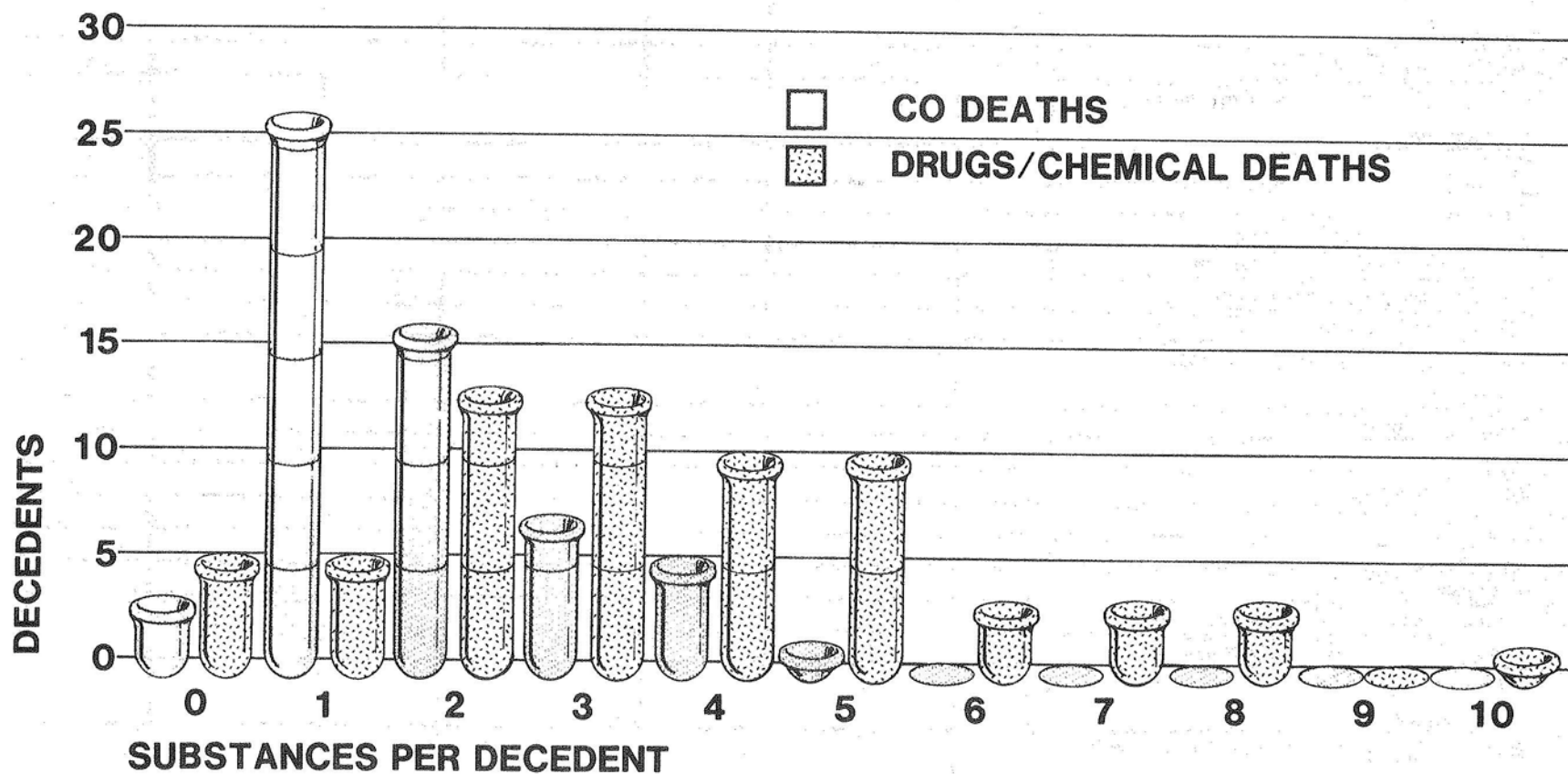
**TABLE 93A**

SUBSTANCES	ACCIDENTAL			SUICIDE		HOMICIDE	TOTAL
	SMOKE	AUTO EXHAUST	NATURAL GAS	AUTO EXHAUST	SMOKE	SMOKE	
Carbon Monoxide	8	2	3	12		3	28
Carbon Monoxide and Ethanol	1	4		6			11
Carbon Monoxide, Ethanol and Other Medications							
Acetaminophen				1			1
Lidocaine	1			1			2
Quinine				1			1
Caffeine and Acetaminophen				1			1
Cocaine and Phenylpropanolamine		1					1
Diazepam and N-Desmethyldiazepam					1		1
Acetaminophen, Amitriptyline and Nortriptyline				1			1
Carbon Monoxide and Other Medications							
Amoxapine				1			1
Dextromethorphan				1			1
Dilantin				1			1
Diphenhydramine	1						1
Meprobamate				1			1
Salicylate				1			1
Diazepam and Lidocaine				1			1
Chlordiazepoxide and Acetaminophen			1				1
Diazepam and N-Desmethyldiazepam		1					1
Chlorpheniramine, Ephedrine and Phenylpropanolamine				1			1
Doxylamine, Acetaminophen and Dextromethorphan				1			1
<b>TOTAL</b>	<b>11</b>	<b>8</b>	<b>4</b>	<b>31</b>	<b>1</b>	<b>3</b>	<b>58</b>



# TOXICOLOGY LABORATORY REPORT

## INCIDENCE OF MULTIPLE DRUG INGESTIONS (FINDINGS FROM 125 POISONING FATALITIES)



# TOXICOLOGY LABORATORY REPORT

## POISONING FATALITIES 1974 - 1985

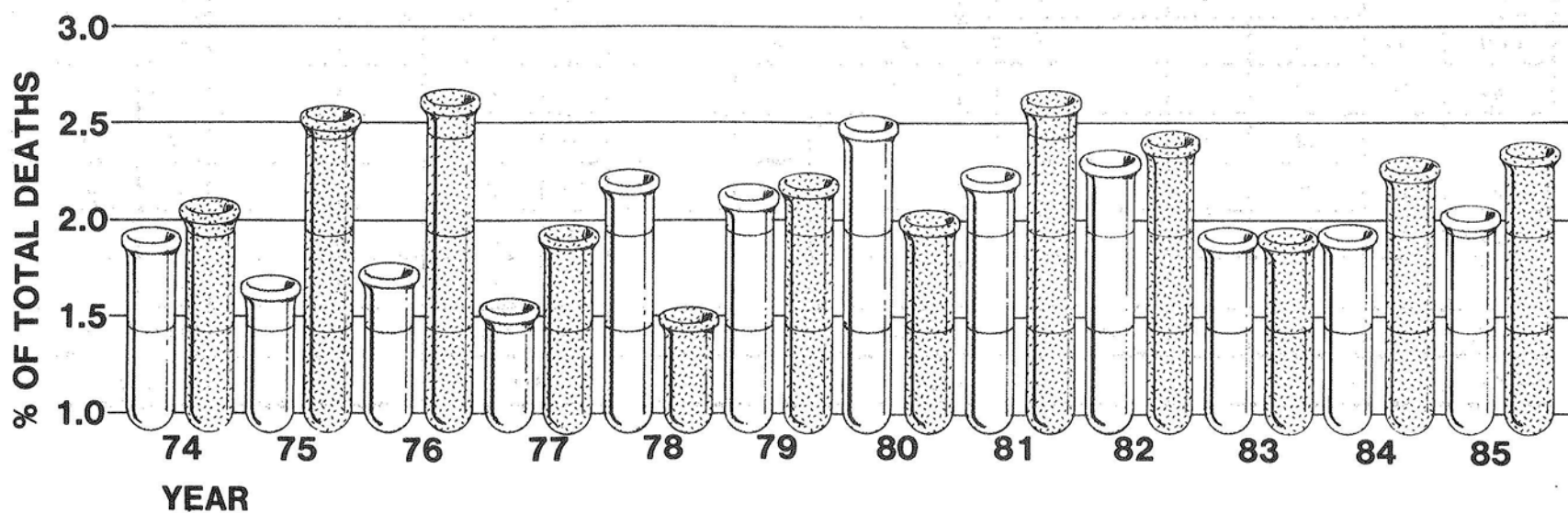
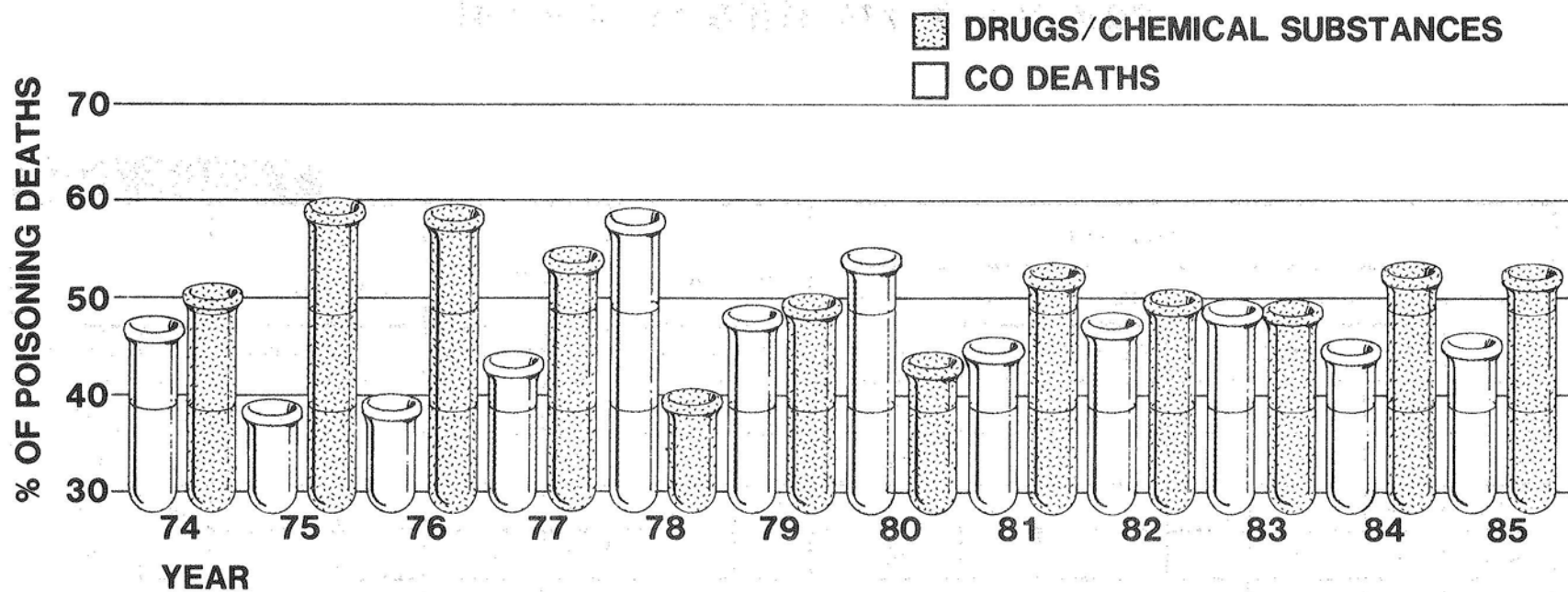
**TABLE 93B**

YEAR	ACCIDENTS						HOMICIDE		SUICIDE		MANNER UNDETERMINED		TOTAL	
	HOME		WORK		OTHER PLACES		CO	OTHERS	CO	OTHERS	CO	OTHERS	CO	OTHERS
	CO	OTHERS	CO	OTHERS	CO	OTHERS								
1974	44	43			1	5			36	39	2	2	83	89
1975	38	55			4	18	1	1	24	27	2	3	69	104
1976	24	46			2	11	2	1	44	43	1	8	73	109
1977	35	24			1	14		1	31	39		5	67	83
1978	39	17			5	4			39	30		6	83	57
1979	38	31	1	1	3	5	1		38	44	2	4	83	85
1980	35	24			2	12	10		42	35	1	2	90	73
1981	30	38			1	5	3		33	41	5		72	84
1982	33	28	1		1	6	4	1	28	35			67	70
1983	24	26			4	3	3		26	28	1	1	58	58
1984	24	37	1		4	4			26	25	3	2	58	68
1985	21	27	2			7	3		32	29		4	58	67
<b>TOTAL</b>	<b>385</b>	<b>396</b>	<b>5</b>	<b>1</b>	<b>28</b>	<b>94</b>	<b>27</b>	<b>4</b>	<b>399</b>	<b>415</b>	<b>17</b>	<b>37</b>	<b>861</b>	<b>947</b>
<b>TOTALS</b>	<b>781</b>		<b>6</b>		<b>122</b>		<b>31</b>		<b>814</b>		<b>54</b>		<b>1808</b>	



# TOXICOLOGY LABORATORY REPORT

## TRENDS IN FATAL POISONINGS



## TRACE EVIDENCE LABORATORY

**TABLE 94**

	CORONER'S CASES *	SPECIMENS FROM OTHER SOURCES ** RE: CORONER'S CASES	SPECIMENS FROM OTHER CORONER'S CASES AUTOPSIED AT CUYAHOGA COUNTY CORNER'S OFFICE	SPECIMENS FROM OTHER SOURCES ** NOT RE: CORONER'S CASES	TOTAL
INDIVIDUAL CASES	736	(87)	(21)	27	763
SPECIMENS SUBMITTED	3155	651	(63)	308	4114
EXAMINATIONS	3929	3299	(120)	790	8018

\* The 736 Coroner's Cases requiring Trace Evidence Examinations represents 26.46% of the total Cuyahoga County Coroner's Cases for 1985.

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

Figures in parenthesis ( ) are included in previous column.

Time away from office for court appearances: 135 hours and 25 minutes.

Actual time spent testifying at court: 18 hours and 25 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 ** MOT RE: CORONER'S CASES	TOTAL
<b>ACID PHOSPHATASE</b>					
Specimens from bodies	126	(12)		16	142
Stains			3		3
<b>Electrophoretic determinations</b>					
Cellulose Acetate					
Specimens from bodies	121	(14)	1	16	138
Stains	2		3	33	38
<b>P-30</b>					
Stains			4	1	5
<b>MICROSCOPIC EXAMINATION FOR SPERMATOZA</b>					
Specimens from bodies	156	(12)	6	16	178
Stains			1	9	10
<b>BLOOD DETECTION</b>					
Presumptive Tests	44		1299	78	1421
<b>PRECIPITIN TESTS</b>					
Species Identification			284	27	311
<b>BLOOD GROUP DETERMINATIONS</b>					
Fluid Blood (ABO)	788	(18)	46	30	864
Secretor/Non secretor	126	(4)	46	30	202
<b>ENZYME:Electrophoretic determinations</b>					
Erythrocyte Acid Phosphatase	58	(4)	24	6	88
Esterase D	69	(4)	28	12	109
Phosphoglucomutase	75	(4)	39	27	141
Phosphoglucomutase sub-typing	53	(4)	36	27	116
Others			4	3	7
<b>Other specimens from bodies</b>					
Absorption Inhibition	134		25	53	212
Absorption Elution	16		4	7	27
Phosphoglucomutase	15		1	12	28
Phosphoglucomutase sub-typing	15		1	12	28
Stains (ABO)			259	25	284
<b>ENZYME Electrophoretic determinations</b>					
Erythrocyte Acid Phosphatase	1		89	11	101
Esterase D	1		93	11	105
Phosphoglucomutase	1		131	20	152
Phosphoglucomutase sub-typing	1		80	10	91
Others			6	2	8

# 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>CLOTHING DESCRIPTIONS</b>					
Descriptions	112	(1)			112
Inspections	125	(1)			125
Stereomicroscopic Examinations	62	(4)			62
<b>GUNFIRE RESIDUE DETECTION TESTS</b>					
Clothing and Related Items	143		13		156
Targets	27		21		48
<b>HAND EXAMINATIONS</b>					
Trace Metal Detection	283	(7)	29		312
Gunshot Residue (Harrison-Gilroy Test)	259	(6)	3		262
<b>MICROSCOPIC EXAMINATIONS</b>					
Fingernail Scrapings	21	(4)	2	6	29
Gastric Contents	26	(1)			26
Hair	125	(2)	28	12	165
Fibers	11		6	33	50
Paint	9		8	6	23
Glass	12		22		34
Miscellaneous	71		17	11	99
<b>STEREOMICROSCOPIC EXAMINATIONS</b>					
Powder grains	85	(3)	2		87
Miscellaneous	327	(10)	449	81	857
<b>PHYSICAL MATCH</b>	10		6		16
<b>HISTOLOGIC STUDIES</b>	17		10		27
<b>IDENTIFICATION PROCEDURES</b>	7				7
<b>LIGATURES</b>	52	(1)			52
<b>ITEMS INSPECTED-no relevant findings</b>	343	(8)	170	147	660
<b>TOTAL</b>	<b>3929</b>	<b>(120)</b>	<b>3299</b>	<b>790</b>	<b>8018</b>



# HISTOLOGY LABORATORY

**TABLE 95**

	CUYAHOGA COUNTY CORONER'S OFFICE	OTHER SOURCES	TOTAL
<b><u>TISSUE SPECIMENS RECEIVED FROM:</u></b>			
AUTOPSIES	1,301	35	1,336
BIOPSIES, ETC.			0
TOTAL	1,301	35	1,336
<b>SECTIONS PREPARED</b>			
	28,756	714	29,470
<b>BLOCKS PREPARED</b>			
	16,451	413	16,864
TOTAL	45,207	1,127	46,334
<b><u>SLIDES PREPARED AND STAINED:</u></b>			
ROUTINE HEMATOXYLIN - EOSIN	16,912	429	17,341
TEACHING SLIDES	36		36
SMEARS	228	18	246
<b><u>SPECIAL STAINS FOR DEMONSTRATION OF:</u></b>			
AMYLOID	20		20
E.V.G.	2		2
IRON	11		11
MYELIN	12		12
FUNGUS	18		18
P.A.S.	13		13
FAT	10		10
TRICHROME	7		7
TOTAL	17,269	447	17,716

# 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.

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

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

IDENTIFICATION PICTURES	2,817*
PICTURES OF BODIES AND EVIDENCE	17,269
5" x 7" COLOR PRINTS PRODUCED	14,857
COLOR SLIDES ADDED TO THE FILE	2,052
BLACK AND WHITE PRINTS	210
POLAROID PRINTS	150

\* Includes 35 Out of County Cases



# FORENSIC ODONTOLOGY REPORT

EXAMINATIONS	CUYAHOGA COUNTY CORONER'S CASES	OTHER CORONER'S CASES	TOTAL
Number of cases examined	14	3	17
Dental charting	11	3	14
Intra-oral x-rays	10	3	13
Comparison with antemortem dental records	7	3	10
Extractions for histology and age estimations	4	1	5
Bite mark analysis	1	1	2
Full denture analysis or edentulous	1	0	1
Single tooth analysis	2	0	2

# RADIOLOGY

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

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

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

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

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

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

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

Three hundred and twenty-three radiographs were made in 1985.



# ANTHROPOLOGY REPORT

**NUMBER OF CASES FOR ANALYSIS**

**6**

**POSITIVE IDENTIFICATIONS**

**4**

**PENDING IDENTIFICATION**

**2**

## PUBLICATIONS BY MEMBERS AND ASSOCIATES OF THE STAFF

1. Falkowski, A. and Hepler, B.R., "Alternate Analyte Application to Cimetidine Preparation." *Methodology for Analytical Toxicology*, Vol. III, Sunshine, I. ed., CRC Press Inc., Boca Raton, Florida, pp. 65-67, 1985.
2. Hepler, B.R. and Sunshine, I., "Topics of Current Interest in Toxicology." *Anal. Chem.*, 57, 336A, book review, 1985.
3. Hepler, B.R., Sutheimer, C.A. and Sunshine, I., "The Role of the Toxicology Laboratory in Emergency Medicine II: Study of an Integrated Approach." *J. Toxicol-Clin. Toxicol.*, 22(6), 503, 1985.
4. Hiss, J., Rosenberg, S. and Adelson, L., "Swinging in the Park."..An Investigation of an Autoerotic Death. *Am. J. For. Med. Path.* 6:250-255, 1985.
5. Klein, L., Wong, K.M. and Simmelink, J.W., "Biochemical and Autoradiographic Evaluation of Bone Turnover in Prelabeled Dogs and Rabbits on Normal and Calcium-Deficient Diets." *Bone*, 6:395-399, 1985.
6. Simmelink, J.W. and Lang, A., "Effects of Diphosphonates on Amelogenesis in Rat Molars." *J. Dent. Res.*, 64:Abst. #1778, 1985.
7. Stander, M., Vavruska, P., Hepler, B.R. and Sunshine, I., "Death Due to Combined Overdose of the Hydromorphone, Cocaine, Pheniramine and Ppyrilamine." *Bull. International Assoc. of Forensic Toxicol.*, 18(1),16, 1985.
8. Sutheimer, C.A. and Hepler, B.R., "A Combined Immunoassay - LCEC Approach to the Identification, Confirmation and Quantitation of Opiates in Biological Fluids." *Methodology for Analytical Toxicology*, Vol III, Sunshine, I., ed., CRC Press Inc., Boca Raton, Florida, pp. 135-146, 1985.
9. Sutheimer, C.A., Yarborough, R., Hepler, B.R. and Sunshine, I., "Detection and Confirmation of Urinary Cannabinoids." *J. Anal. Toxicol.*, 9, 156, 1985.



## PUBLICATIONS BY MEMBERS AND ASSOCIATES OF THE STAFF

10. Lina, A.A., Leon-Ruiz, E.H., Fouts, K.E., Dauchot, P.J., Anton, A.H. and Sutheimer, C.A., "Influence of Verapamil and Aminophylline on Epinephrine Dysrhythmias Under Halothane Anesthesia." *Anesth.*, 63: A84, 1985.
11. Pathak, K.S., Anton, A.H. and Sutheimer, C.A., "Effects of Low-Dose Morphine and Fentanyl Infusions on Urinary and Plasma Catecholamine Concentrations During Scoliosis Surgery." *Anesth. Analg.*, 64: 509-514, 1985.
12. Sunshine, I., Hepler, B. and Sutheimer, C., "Performing Toxicology With A DRG Budget." *Clin. Chem. News*, 11(3): 8, 1985.
13. Walker, R.A. and Lovejoy, C.O., "Radiographic Changes in the Clavicle and Proximal Femur and Their Use in the Determination of Skeletal Age at Death." *American Journal of Physical Anthropology*, Vol. 68, 67-78, 1985.
14. Lovejoy, C.O., Meindl, R.S., Pryzbeck, T.R. and Mensforth, R.P., "Chronological Metamorphosis of the Auricular Surface of the Ilium: A New Method for the Determination of Adult Skeletal Age at Death." *American Journal of Physical Anthropology*, Vol. 68, 1, 15-28, 1985.
15. Meindl, R.S. and Lovejoy, C.O., "A Revised Method of Age Determination Using the Os Pubis, With a Review and Tests of Accuracy of Other Current Methods of Pubic Symphyseal Aging." *American Journal of Physical Anthropology*, Vol. 68, 1, 29-45, 1985.
16. Meindl, R.S., Lovejoy, C.O., Mensforth, R.P. and Walker, R.A., "Ectocranial Suture Closure: A Revised Method for the Determination of Skeletal Age at Death Based on the Lateral-Anterior Sutures." *American Journal of Physical Anthropology*, Vol. 68, 1, 57-66, 1985.
17. Lovejoy, C.O., "Dental Wear in the Libben Population: Its Functional Pattern and Role in the Determination of Adult Skeletal Age at Death." *American Journal of Physical Anthropology*, Vol. 68, 1, 47-56, 1985.
18. Lovejoy, C.O., Meindl, R.S., Mensforth, R.P. and Barton, T.J., "Multifactorial Determination of Skeletal Age at Death: A Method and Blind Tests of Its Accuracy." *American Journal of Physical Anthropology*, Vol. 68, 1, 1-14, 1985.
19. Meindl, R.S., Lovejoy, C.O., Mensforth, R.P. and Don Carlos, L., "Accuracy and Direction of Error in the Sexing of the Skeleton: Implications for Palaeodemography." *American Journal of Physical Anthropology*, Vol. 68, 1, 79-85, 1985.
20. Mensforth, R.P. and Lovejoy, C.O., "Anatomical, Physiological and Epidemiological Correlates of the Aging Process: A confirmation of Multifactorial Age Determination in the Libben Skeletal Population." *American Journal of Physical Anthropology*, Vol. 68, 1, 87-106, 1985.

# PUBLICATIONS BY MEMBERS AND ASSOCIATES OF THE STAFF

## ABSTRACTS OF PRESENTED PAPERS:

Bedford, M.E. and Lovejoy, C.O., "Morphological Correlates of Differential Knee Joint Reaction Forces in Primates." *American Journal of Physical Anthropology*, Vol. 66, 2, 143, 1985.

Meindl, R.S. and Lovejoy, C.O., "Accuracy and Direction of Error in the Sexing of the Skeleton: Implications for Palaeodemography." *American Journal of Physical Anthropology*, Vol. 66, 2, 205, 1985.

Tague, R.G. and Lovejoy, C.O., "Cephalo-Pelvic Compatibility in AL-228: Implications for the Birth Process and Evolution of the Human Pelvis." *Annual Meetings of the American Anthropology Association*, Washington, D.C., 1985.

## UNPUBLISHED RESEARCH MANUSCRIPTS:

Lovejoy, C.O., "Review of Possible Animal Models for Kinematic/Utility Testing of the Pfizer Anterior Cruciate Ligament Prosthesis (PACLP), 98 pp., Prepared for Pfizer Corporation, Howmedica Hospital Products Division, Groton, Connecticut, 1985.

## ARTICLE REPRINTED

Smerecki, C.J. and Lovejoy, C.O., "Identification Via Pedal Morphology," *The Police Chief*, 1984. Reprinted in: *Identification News*, Vol. 35, 12, 5-12, 1985.



## LECTURES GIVEN BY THE STAFF

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

- JANUARY:** Case Western Reserve University Medical Anthropology Graduate Student Association, "Ready Availability of Abortion: Boon or Bane?"
- FEBRUARY:** St. Alexis Hospital School of Nursing, "When is a Hospital Death a Coroner's Case and Why?"
- Cleveland Heights Police Academy, "The Coroner's Office and Law Enforcement Agencies - Mutual Responsibilities."
- Alpha Omega Dental Fraternity, "Forensic Pathology - Then and Now."
- Suburban Community Hospital Nursing and Physician Staff and EMT's, "Form and Functions of the Coroner's Office."
- Mt. Sinai Medical Center, Department of Surgery, "You and Your County Coroner."
- MARCH:** Amberwood Chapter of Womens ORT, "The Coroner's Office - Science at the Service of Society."
- Oliver C. Schroeder, Jr., Undergraduate Class, "The Coroner's Office and the Administration of Justice - Civil and Criminal."
- Case Western Reserve University Department of Pathology House Staff, "The Coroner of Elsinore."
- Case Western Reserve University Medical Students, John H. Kennell, M.D., Preceptor Group, "Death and Dying."
- Alpha Omega Alpha Medical Honor Society, West Virginia School of Medicine, "The Physician as Witness."
- APRIL:** Hospice of Lake County, Inc., "Before and After Death."
- American Society of Clinical Pathologists' Regional Workshop in Cincinnati, "The Pathologists Testifies - General Aspects of Testimony."

# LECTURES GIVEN BY THE STAFF

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

- MAY:**
- Case Western Reserve University School of Medicine, Second Year Class, "The Physician Takes The Witness Stand."
  - Case Western Reserve University Center for Criminal Justice, Basic Police School, "Overview of the Role of the Pathologists in Coroner's Investigations."
  - Cleveland Police Department, Basic Police School, "Coroner's Office in Action."
  - Cuyahoga Community College, Basic Police School, "Coroner's Office in Action."
- JUNE:**
- Case Western Reserve University Center for Criminal Justice, "Anatomy of Justice: The Contributions of an Autopsy."
- AUGUST:**
- Case Western Reserve University, The Law Medicine Center, Law Medicine Course, "Medicine and Man."
  - Cleveland Police Academy, Basic Course, "Role and Responsibilities of the Coroner's Office."
- SEPTEMBER:**
- Case Western Reserve University, Institute of Pathology, House Staff, "The Hospital Autopsy and the Forensic Autopsy - Similarities and Contrasts."
  - Purchasing Management Association of Cleveland, "Dead Men Do Tell Tales."
- OCTOBER:**
- Euclid General Hospital Medical Staff, "You and the Coroner's Office."
  - Case Western Reserve University, The Law Medicine Center, Law Medicine Course, "Autopsy."
  - Dret School, Cleveland, Ohio, "Duties of the Coroner's Office."
  - Cuyahoga Community College, Department of Law Enforcement, Basic Police Officer Academy, "Role of Pathologists in Coroner's Investigations."
- NOVEMBER:**
- Case Western Reserve University Center for Criminal Justice, Basic Police School, "The Coroner's Office."



## LECTURES GIVEN BY THE STAFF

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

- NOVEMBER:** Case Western Reserve Association for Biological Studies, "The Coroner's Office – A Public Health Office."
- Criminal Bar Association, "The Coroner's Office – A Fact Finding Agency."
- DECEMBER:** Case Western Reserve University Pathology Seminar, "Pesticide Revisited: A Follow-Up Study of Pre-Adolescent Homicide Victims In Cuyahoga County, 1965 – 1981 Inclusive."
- Case Western Reserve University School of Medicine, Community Health Seminar, "Interpersonal Violence – A Leading Cause of Injury and Death."

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

- JANUARY:** Monticello Junior High School, Advanced Biology Students, "The Cuyahoga County Coroner's Office."
- FEBRUARY:** Cleveland Heights Police Academy, "The Cuyahoga County Coroner's Office."
- 37th Annual Meeting of the American Academy of Forensic Sciences at Las Vegas, Nevada, "The Body That Did Not Get Buried."
- MARCH:** Public Relations Clinic for Medical Office Personnel presented by the Academy of Medicine of Cleveland and The Cuyahoga County Medical Assistants, "The Role and Functions of the Coroner's Office."
- Emergency Department Nurses of Southwest General Hospital, Middleburg Heights, Ohio, "The Cuyahoga County Coroner's Office."
- APRIL:** St. Lukes Emergency Center in Solon, Ohio, Ongoing Paramedic Education Experience (OPEX), "The Cuyahoga County Coroner's Office."
- MAY:** Legal Medicine and Medical Jurisprudence, Second Year Medical Students, Case Western Reserve University School of Medicine, "Introduction to Legal Medicine and Mechanical Injuries of Brain and Meninges."

## LECTURES GIVEN BY THE STAFF

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

- MAY:** Case Western Reserve University Center for Criminal Justice, Basic Police School, "Investigation of Violent Deaths – Role of the Pathologist."  
Cleveland Police Department, Basic Police School, "Investigation of Violent Deaths – Role of the Pathologist."
- JUNE:** Case Western Reserve University Center for Criminal Justice, Homicide Investigation, "Determination of Time of Death and Postmortem Changes and Toxicological Aspects of Homicide Investigation."  
Seminar on Forensic Dentistry, "Role of the Forensic Pathologist in the Investigation of Violent Deaths."
- JUNE AND JULY:** Cuyahoga County Sheriff's Department, "Investigation of Jail Deaths."
- AUGUST:** Basic Police School, "Investigation of Violent Deaths – Role of the Pathologist."
- NOVEMBER:** Case Western Reserve University Center for Criminal Justice, Basic Police School, "Investigation of Violent Deaths – Role of the Pathologist."  
The Criminal Law Section of the Cleveland Bar Association, "The Cuyahoga County Coroner's Office."
- DECEMBER:** Paramedic Training Program of the Emergency Medical Service of the City of Cleveland, "The Cuyahoga County Coroner's Office."

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

- JANUARY:** Case Western Reserve University Center for Criminal Justice, "Death Investigation."  
Brentwood Hospital, "Role and Functions of the Coroner's Office."



## LECTURES GIVEN BY THE STAFF

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

- FEBRUARY:** 16th Annual Northern Ohio Arson Seminar, Ashland College, "Medicolegal Investigation of Fire Deaths."
- MARCH:** Case Western Reserve University First Year Medical Students, Preceptor Group, "Role and Functions of the Coroner's Office."
- APRIL:** Case Western Reserve University Department of Pathology Residents, "Fire Death Investigation."  
Dret School, Law Enforcement Department, "Death Investigation." Lectures presented at the Cuyahoga County Coroner's Office.
- MAY:** CPC "Fulminant Septicemia in Asplenia" for Medicine.  
Case Western Reserve University Center for Criminal Justice, "Functions of the Coroner's Office - Role of the Pathologist."  
Cleveland Police Department, Basic Police School, "Functions of the Coroner's Office - Role of the Pathologist."  
Cuyahoga Community College, Basic Police School, "Functions of the Coroner's Office - Role of the Pathologist."
- JUNE:** Case Western Reserve University Center for Criminal Justice, "Firearm Injuries."
- JUNE AND JULY:** Cuyahoga County Sheriff's Department, "Death Caused by Cervical or Neck Compression."
- AUGUST:** Cleveland Police Academy, Basic Police School, "Death Investigation."
- OCTOBER:** Cuyahoga Community College, Department of Law Enforcement, Basic Police Officer Academy, "Death Investigation."  
Case Western Reserve University Department of Pathology Residents, "Investigation of Hanging Deaths."

# LECTURES GIVEN BY THE STAFF

## TAKESHI IMAJO, M.D., DEPUTY CORONER

NOVEMBER: Case Western Reserve University Department of Pathology, Residents and Staff,  
"Skeletal Remains – Two Cases."

## JOSEPH A. MONZEL, ADMINISTRATIVE ASSISTANT

FEBRUARY: Cleveland Heights Police Academy, Basic Police School, "Laws Relevant to Ohio  
Coroners and Procedures at the Coroner's Office Pertaining to the Bodies and Custody  
of Property."

MAY: Case Western Reserve University Center for Criminal Justice, Basic Police School,  
"Laws Relevant to Ohio Coroners and Procedures at the Coroner's Office Pertaining to the  
Bodies and Custody of Property."

Cleveland Police Cadet Academy, Basic Police School. Same as above.

Cuyahoga Community College Police Cadets, Basic Police School. Same as above.

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

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

FEBRUARY: Cleveland Heights Police, Basic Police School.

MARCH: Case Western Reserve University, Undergraduate Course, "Exploring the Criminal  
Justice System."

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

MAY: Case Western Reserve University Medical Students.

Cleveland Police Department Academy, Basic Police School.



## LECTURES GIVEN BY THE STAFF

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

- MAY:** Cuyahoga Community College, Basic Police School.
- JUNE:** Case Western Reserve University Center for Criminal Justice, Homicide Seminar.  
Cuyahoga County Sheriff's Department.  
Cleveland Institute of Dental Assistants.
- JULY:** Cuyahoga County Sheriff's Department.
- AUGUST:** Cleveland Police Department Academy; Basic Police School.
- SEPTEMBER:** Case Western Reserve University Law Students.
- DECEMBER:** Collinwood High School, Biology Students.  
Mayfield High School, PreMed. Club.
- OTHER STUDENTS/OBSERVERS:** Stephen Marshalko from Shaker Heights High School.  
Andrea Rhodes and Milita Panin from North Olmsted High School.

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

- APRIL:** Case Western Reserve University Center for Criminal Justice, Basic Police School, "Field of Forensic Serology."
- MAY:** Boulevard Elementary School, 4-5-6th Graders, "What is Trace Evidence?"  
Student, Shaker Heights High School, "Field of Forensic Serology."
- JUNE:** Students from North Olmsted High School, "Field of Forensic Serology."

# LECTURES GIVEN BY THE STAFF

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

- JUNE:** Case Western Reserve University Center for Criminal Justice, Homicide Investigative School, "Field of Forensic Serology."  
University Hospital Medical Technologists, "What is Forensic Serology?"  
Dental Students, Cleveland Institute of Dental Assistants, "Field of Forensic Serology."
- OCTOBER:** Case Western Reserve University Center for Criminal Justice, Basic Police School, "Field of Forensic Serology."
- NOVEMBER:** Case Western Reserve University Center for Criminal Justice, Basic Police School, "Field of Forensic Serology."
- VISITING STUDENTS:** Mary Bugada, University Hospital Medical Technologist.  
Sharon Balchak, University Hospital Medical Technologist.  
Jeri Kapp, University Hospital Medical Technologist.  
Wanda Foote, Scientific Investigative Unit, Cleveland, "Enzymes."

## SHARON ROSENBERG, TRACE EVIDENCE TECHNICIAN, BS DEGREE

- JUNE:** Case Western Reserve University Center for Criminal Justice, Homicide Investigative School, "Auto-erotic Deaths."
- OCTOBER:** Case Western Reserve University Center for Criminal Justice, Basic Police School, "Applications of Trace Evidence to Police Work."  
Explorer Scouts sponsored by the Cuyahoga County Sheriff's Department, "Application of Science to Law Enforcement."

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

- JANUARY:** Lakeland Community College, Lake County, Basic Police School.
- APRIL:** Case Western Reserve University Center for Criminal Justice, Basic Police School.
- MAY:** Ohio Histology Society State Meeting, Continuing education.
- JULY:** Lakeland Community College, Lake County, Basic Police School.
- OCTOBER:** Case Western Reserve University Center for Criminal Justice, Basic Police School.



## LECTURES GIVEN BY THE STAFF

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

- FEBRUARY:** Department of Anatomy, University of Kentucky School of Medicine, Lexington, Kentucky, "Evolution of the Human Hip."
- APRIL:** Hospital Products Group Seminar, Pfizer Corporation, Groton, Connecticut, "Evolution of the Human Knee."  
Research Seminar, Department of Biology, Stanford University, Stanford, California, "The Origin of Man."  
Sigma Xi Lecture, Kent State University, Kent, Ohio, "Recent Developments in Human Origins."
- MAY:** Food and Drug Administration National Headquarters, Silver Spring, Maryland, "Kinematic Modeling of the Human Knee on the Basis of Animal Experimentation: Feasibility and Practicality."
- OCTOBER:** Keynote Address, Opening Ceremonies for the School of Radiological Technology, Kent State University, "The Role of Radiology in Uncovering Human Origins."

### JAMES SIMMELINK, PH.D., ODONTOLOGY CONSULTANT

- JUNE:** Seminar on Forensic Dentistry at the Holiday Inn, Wickliffe, Ohio.  
Introduction to the Forensic Sciences, "Why are Experts Increasingly Needed to Help Answer Who, When, Where, Why, What and How?"  
Panel Discussion, Case Presentation, "Ashes to Ashes."  
Dental Identification, by the skin of our teeth, "Is mouthprinting the same as fingerprinting?" Case Presentations.  
Dental Age Estimation, "Can Dental X-rays and Histological Changes Serve to Make the Age Estimate More of a Science and Less of a Horse-trader's Guess?" Case Presentations.  
Bite-mark Analysis, "Is Skin the Ideal Impression Material? Indeed not, but the Marks Provide Valuable Clues for Comparison."

## LECTURES GIVEN BY THE STAFF

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

**JUNE:** Seminar on Forensic Dentistry at the Holiday Inn, Wickliffe, Ohio.

Forensic Odontology, "A Small but Growing Speciality Area of Dentistry. How did it Develop? What Training is Available? How Does Its Validity Depend On the Dental Assistant?"

Dental Identification, by the Skin of Our Teeth, "Is Mouthprinting the Same as Fingerprinting?" Case Presentations.

Dental Age Estimation, "Can Dental X-rays and Histological Changes Serve to Make the Age Estimate More of a Science and Less of a Horse-traders Guess?" Case Presentation.

Bite-mark Analysis, "Is Skin the ideal Impression Material? Indeed Not, but the Marks Provide Valuable Clues for Comparison."

**OTHERS:** Forensic Dentistry for Faculty.

Cleveland Mass Disaster Team.

South West Study Club.

Forensic Course for Senior Dental Students.

Dentists and Assistants in Lake County, Ohio.

### IRVING SUNSHINE, PH.D., CHIEF TOXICOLOGIST

**JANUARY:** Symposium on Thin Layer Chromatography, Laguna Hills, California.

**MARCH:** Spring Meeting, Texas Section A.A.C.C., Dallas, Texas, "A 2001 Odyssey into the Analytical Realm."



## LECTURES GIVEN BY THE STAFF

### IRVING SUNSHINE, PH.D., CHIEF TOXICOLOGIST

- MARCH:** The Cleveland Clinic Foundation and The Northeast Ohio Section, American Association of Clinical Chemists presented Current Issues in Applied Clinical Pharmacology and Toxicology, A Panel Discussion: "Comparative Methods in TDM: Which Method Is Best?"
- JULY:** Laboratory Committee of the Center for Health Affairs, Greater Cleveland Hospital Association, "Roles of Toxicology in Emergency Medicine."
- AUGUST:** ICL, Boston Massachusetts, "Role of Toxicology in Emergency Medicine."
- SEPTEMBER:** Symposium on Alcohol and Drugs, Discussion Leader and Participant, Washington, D.C.
- OCTOBER:** Case Western Reserve University Chapter of Sigma XI, "Toxicology in Public Health."  
American Association for Clinical Chemistry, College of American Pathologists, Discussion Moderator, "The Drinking Driver: Medical and Legal Issues of Blood Alcohol Testing."
- NOVEMBER:** ICL, Division of International Clinical Laboratories, Inc., Oak Brook, Illinois, Central Pathology Regional Laboratories, Inc., Laboratory Methodologies in the Management of the Acutely Toxic Patient, "Laboratory Role in Poisoning."  
Eastern Analytical Symposium, New York City, New York, "The Future of Analytical Toxicology."  
California Association for Toxicology, Yosemite, California, "Marijuana and Its Problems."
- OTHERS:** January and March was on Awards Committee for A.A.C.C.  
February: Appointed member of Governor Cuomo's Investigation Team: Investigation of New York City Toxicology Laboratory, Medical Examiner's Office.

## LECTURES GIVEN BY THE STAFF

### IRVING SUNSHINE, PH.D., CHIEF TOXICOLOGIST

**HONORS:** Honored by the Toxicology Section at the 37th annual meeting of the Academy of Forensic Sciences with the establishment of the Irving Sunshine Young Investigator Award in his name. The annual award will be for exemplary research contribution by a forensic toxicologist who is less than 30 years old.

**VISITING SCIENTIST:** Heesun Chung from The National Institute of Scientific Investigation at the Ministry of Home Affairs, Republic of Korea.  
(January and February)

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

**APRIL:** Northeast Ohio Toxicology Organization, (NEOTO) Round Table Discussion, "Thin-Layer Chromatography: Application to Problems in Toxicology."  
Case Western Reserve University Center for Criminal Justice, "The Role of the Toxicology Laboratory."

**MAY:** Cleveland Police Department, "The Role of the Toxicology Laboratory in Forensic Investigations."

Cuyahoga Community College, "The Role of the Toxicology Laboratory in Forensic Investigations."

**JULY:** Cuyahoga County Sheriff's Office, "The Role of the Toxicology Laboratory."

**OCTOBER:** Cuyahoga Community College, Basic Police Officer Academy, "The Role of the Toxicology Laboratory in Forensic Investigations."

**NOVEMBER:** Case Western Reserve University Center for Criminal Justice, Basic Police School, "The Role of the Toxicology Laboratory in Forensic Investigations."

Northeast Ohio Toxicology Organization, (NEOTO), "THC: Current Concepts and Problems in the Analysis of Cannabinoids."



## LECTURES GIVEN BY THE STAFF

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

**DECEMBER:** MT(ASCP) Program Division of Clinical Pathology Lecture, "The Role of the Toxicology Laboratory."

MT(ASCP) Program Division of Clinical Pathology Lecture, "Methods Used in the Toxicology Laboratory."

**APPOINTMENT:** Appointed Chairman of Awards Committee for Local Chapter of American Association of Clinical Chemistry (AACC).

### CRAIG SUTHEIMER, PH.D., ASSOCIATE TOXICOLOGIST

**JANUARY THROUGH MAY:** Case Western Reserve University, EVHS-402, "Analytical Toxicology/Pharmacology."

**FEBRUARY:** Oxford Neighbor Forum, "Deadmen Do Tell Tales."

Doctors Clinical Laboratory Forum, "Role of Analytical Toxicology Laboratory."

**APRIL:** Ashtabula County Coroner's Office Advisory Forum, "Role of Toxicology Laboratory in Forensic Investigation."

**SEPTEMBER:** Ashtabula County Coroner's Office Advisory Forum, "Computerization of the Forensic Toxicology Laboratory."

**OCTOBER:** Ashtabula County Crime Clinic, "Analysis of Cannabinoids in Biological Samples."

**OCTOBER THROUGH DECEMBER:** Notre Dame College, "Analytical Toxicology."

**NOVEMBER:** Society of Forensic Toxicology, "THC: Current Concepts and Problems in the Analysis of Cannabinoids."

**DECEMBER:** Doctors Clinical Laboratory Forum, "Role of Analytical Toxicology Laboratory in Emergency Medicine."



**THE 1985 CORONER'S STATISTICAL REPORT HAS BEEN  
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