



CORONER'S STATISTICAL REPORT

COUNTY OF CUYAHOGA, STATE OF OHIO

1987

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CORONER'S STATISTICAL REPORT**

1987

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

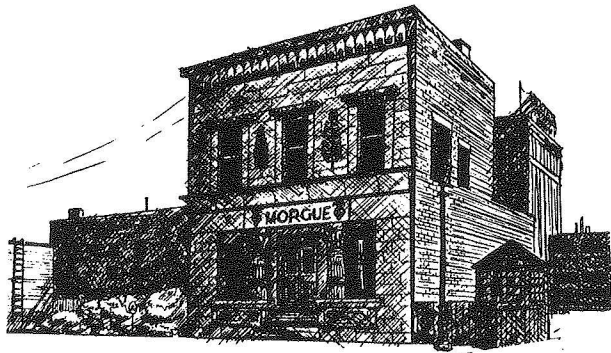
**SAMUEL R. GERBER BUILDING
2121 ADELBERT RD., CLEVELAND, OHIO 44106**

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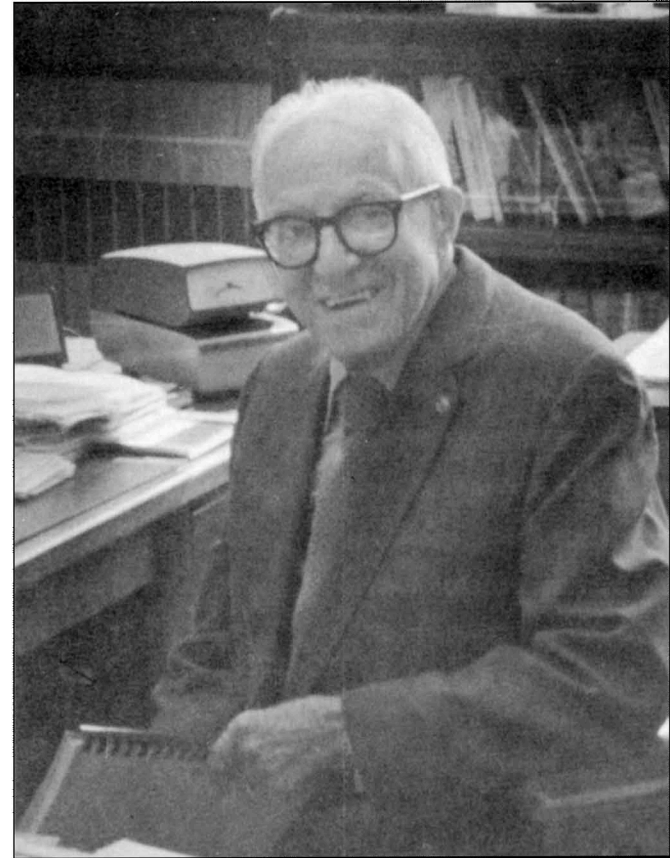
1936 Campaign portrait

**We dedicate this year's annual report
to the memory of Samuel R. Gerber, M.D.,
J.D., who served the people of Cuyahoga
County as coroner from 1937 to 1986.**

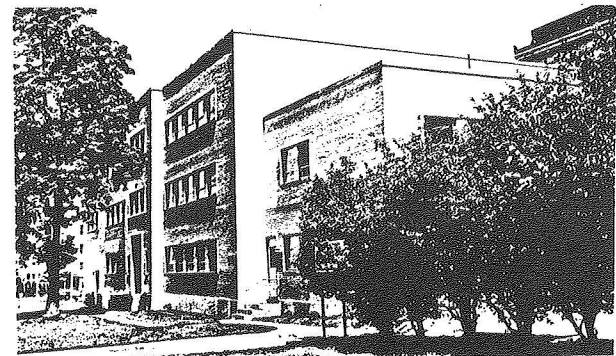


1896...1953

Dr. Gerber devoted his career to the public good. In 1925 he entered the Public Health Service, and worked there, in addition to his private practice, until 1936, when he was elected to the office of coroner. He took office in 1937 and served with distinction until 1986, shortly before his death in 1987.



1986, his 50th year in office



October 31, 1976

1987

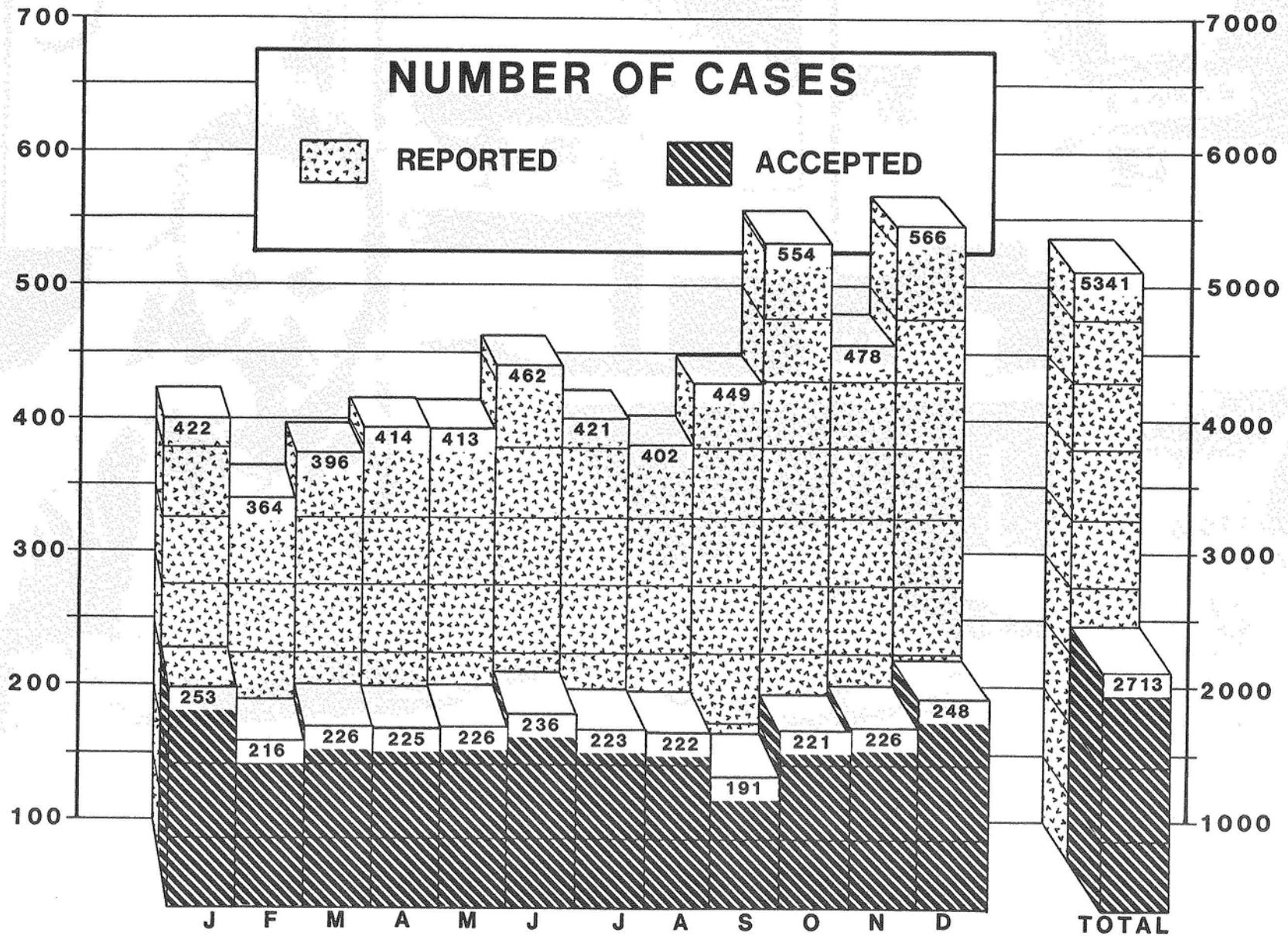


TABLE OF CONTENTS

	PAGE NO.	TABLE NO.		PAGE NO.
DEDICATION - INSIDE TITLE PAGE			F Distribution of Selected Coroner's Cases in Each Municipality - County of Cuyahoga	31
NUMBER OF CASES REPORTED AND NUMBER OF CASES ACCEPTED			G Deaths in County, Deaths Reported to Coroner, Cases Received 1943 - 1987	33
LETTER OF TRANSMITTAL	1		1 Summary of All Fatalities by Type and Location with Some Miscellaneous Data	40
FOREWORD	3		2 Total Cases by Month and Type of Fatality	41
WHAT IS A CORONER'S CASE?	5		3 Autopsy by Month and Type of Fatality	42
CORONER'S STAFF	18		4 Total Cases by Age Groups and Type of Fatality	43
POPULATION OF CUYAHOGA COUNTY	36		5 Autopsies by Age Groups and Type of Fatality	44
SUMMARY	39		6 Geographical Location - All Fatalities	45
ACCIDENTS IN THE HOME	51		7 Geographical Location - All Fatalities	46
ACCIDENTS WHILE AT WORK	65		7A Geographical Location - All Fatalities	47
ACCIDENTS IN OTHER PLACES	73		8 Accidental Fatalities by Month	48
VEHICULAR ACCIDENTS	85		9 Homicides, Suicides and Violence of Undetermined Origin - Fatalities by Month	49
HOMICIDES	125		ACCIDENTS IN THE HOME	
SUICIDES	135		10 Fatalities Resulting from Accidents in the Home - Monthly Alcohol Incidence	54
VIOLENCE OF UNDETERMINED ORIGIN	145		11 Age - Race - Alcohol Incidence	55
NATURAL CAUSES	149		12 Mode - Alcohol Incidence	56
ABORTIONS	157		13 Mode - Alcohol Incidence	57
NEONATAL AND INTRA-UTERINE DEATHS	159		13A Mode - Alcohol Incidence	58
UNDETERMINED CAUSES	163		14 Mode - Alcohol Incidence	59
TOXICOLOGY LABORATORY REPORTS	165		15 Mode - Age Groups	61
TRACE EVIDENCE LABORATORY REPORTS	182		16 Falls - Alcohol Incidence	62
HISTOLOGY LABORATORY REPORT	185		17 Falls - Age Groups	63
PHOTOGRAPHY DEPARTMENT REPORT	186		ACCIDENTS WHILE AT WORK	
FORENSIC ODONTOLOGY REPORT	187		18 Fatalities Resulting from Accidents While at Work- Monthly Alcohol Incidence	67
RADIOLOGY DEPARTMENT REPORT	188		19 Age - Race - Alcohol Incidence	68
ANTHROPOLOGY REPORT	189		20 Mode - Alcohol Incidence	69
LECTURES	190		21 Mode - Alcohol Incidence	70
PUBLICATIONS	200		22 Mode - Age Groups	71
			23 Falls - Alcohol Incidence	71
			24 Falls - Age Groups	72
TABLE				
NO.				
A Types of Fatalities and Miscellaneous Information - 1986 and 1987 Compared	26			
B Types of Fatalities - Sex, Race, Autopsy	27			
C Types of Fatalities - 1986 and 1987 Incidence Compared	28			
D Types of Fatalities - Alcohol Incidence	29			
E Vehicular Fatalities - Daily Alcohol Incidence	30			

TABLE OF CONTENTS (cont.)

TABLE NO.		PAGE NO.	TABLE NO.		PAGE NO.
	ACCIDENTS IN OTHER PLACES				
25	Fatalities Resulting from Accidents in Other Places – Monthly Alcohol Incidence	76	55	Geographical Location – Type of Accident Classification of Victims (Villages, etc.)	115
26	Age – Race – Alcohol Incidence	77	56	Geographical Location – Type of Accident Classification of Victims (Out of County)	116
27	Mode – Alcohol Incidence	78	57	Hourly – Daily – Alcohol Incidence – All Cases	117
28	Mode – Alcohol Incidence	79	58	Hourly – Daily – Alcohol Incidence – Bicyclist	118
29	Mode – Alcohol Incidence	80	59	Hourly – Daily – Alcohol Incidence – Driver	119
30	Mode – Age Groups	81	59A	Hourly – Daily – Alcohol Incidence – Driver – Motorcyclist	120
31	Falls – Alcohol Incidence	82	60	Hourly – Daily – Alcohol Incidence – Passenger	121
32	Falls – Age Groups	83	61	Hourly – Daily – Alcohol Incidence – Pedestrian	122
	VEHICULAR ACCIDENTS		62	Hourly and Daily Incidence Arranged According to Driver, Passenger, Pedestrian	123
33	Classification of Victims – Alcohol Incidence	94	63	Hourly and Daily Incidence Arranged According to Pre-School, School and Adult Age Groups	124
34	Monthly Alcohol Incidence	94		HOMICIDES	
35	Daily Alcohol Incidence	95	64	Monthly Alcohol Incidence	127
36	Age – Race – Alcohol Incidence	96	65	Age – Race – Alcohol Incidence	128
37	Type of Accident – Alcohol Incidence	97	66	Mode – Alcohol Incidence	129
38	Non-Traffic – Alcohol Incidence	98	67	Mode – Age Groups	129
39	Traffic – Collision – Alcohol Incidence	99	68	Justifiable – Place of Occurrence–Circumstances–Assailants–Victims–Alcohol Incidence	130
39A	Traffic – Collision – Alcohol Incidence – Driver	100	69	Non-Justifiable–Place of Occurrence–Home Circumstances–Assailants–Victims–Alcohol Incidence	131
39B	Traffic – Collision – Alcohol Incidence – Pedestrian	101	69A	Non-Justifiable–Place of Occurrence–Public Circumstances–Assailants–Victims–Alcohol Incidence	132
39C	Traffic – Collision – Alcohol Incidence – Passenger	101	69B	Homicides in Cuyahoga County, 1963 – 1987 Homicide Moving Projected Total	133 134
40	Traffic – Non-Collision – Alcohol Incidence	102		SUICIDES	
41	While at Work Vehicular Fatalities–Traffic and Non-Traffic – Monthly Alcohol Incidence	103	70	Monthly Alcohol Incidence	137
42	Weather Conditions – Alcohol Incidence	103	71	Age – Race – Alcohol Incidence	138
43	Road Conditions – Alcohol Incidence	104	72	Mode – Alcohol Incidence	139
44	Light Conditions – Alcohol Incidence	104	73	Mode – Alcohol Incidence	140
45	Classification of Victims – Age Groups	105	74	Poisoning – Alcohol Incidence	141
46	Month and Age Groups	105	75	Mode – Age Groups	143
47	Autopsies – Month and Age Groups	106	76	Mode – Geographical Location and Marital Status	144
48	Major Injury and Survival Interval	107		VIOLENCE OF UNDETERMINED ORIGIN	
49	Major Injury and Survival Interval – Age Groups	108	77	Monthly Alcohol Incidence	146
50	Major Injury and Survival Interval – Age Groups – Driver	109	78	Cause of Death – Alcohol Incidence	147
51	Major Injury and Survival Interval – Age Groups – Passenger	110	79	Age – Race – Alcohol Incidence	148
52	Major Injury and Survival Interval – Age Groups – Pedestrian	111			
53	Major Injury and Survival Interval – Age Groups – Bicyclist	112			
54	Geographical Location – Type of Accident Classification of Victims (Cities)	113			

TABLE OF CONTENTS (cont.)

TABLE NO.	PAGE NO.	ILLUSTRATIONS	PAGE NO.
NATURAL CAUSES			
80 Monthly Alcohol Incidence	150	Types of Cases Received 1943 – 1987	20
81 International Code of Causes of Death by Month	151	Types of Cases Received 1987	21
82 Autopsies – International Code of Causes of Death by Month	152	Fatalities from Violence, Accidents, Homicides & Suicides	22-25
83 Month and Age Groups	153	Total of All Deaths in Cuyahoga County 1975 – 1986	37
84 Autopsies – Month and Age Groups	154	Yearly Average of Coroner's Cases 1976 – 1987	39
85 International Code of Causes of Death Listed by Age Groups	155	Monthly Average of Coroner's Cases – 1987	39
86 Autopsies – International Code of Causes of Death Listed by Age Groups	156	Accidents in the Home (Graphs)	51
ABORTIONS		Fatalities Resulting from Accidents and Accidental Falls in the Home 1976 – 1987	53
87 Fatalities from Abortions by Month	158	Accidents While at Work (Graphs)	65
NEONATAL AND INTRA-UTERINE DEATHS		Fatalities Resulting from Accidents and Accidental Falls While at Work 1976 – 1987	66
88 By Month and Age Groups	160	Accidents in Other Places (Graphs)	73
89 Autopsies – By Month and Age Groups	161	Fatalities Resulting from Accidents and Accidental Falls in Other Places 1976 – 1987	75
UNDETERMINED CAUSES		Vehicular Accidents (Graphs)	85
90 Deaths from Undetermined Causes	164	Pharmacological Effects of Alcohol	87
TOXICOLOGY LABORATORY REPORT		Blood Alcohol Concentration by Weight	88
91 Incidence of Poisoning (%) in Tested Individuals	165	Alcohol Effects on Brain Demonstrated Pictorially	90
91A Incidence and Frequency of Positive Findings	166	Vehicular Fatalities, Daily Incidence (Graphs)	91
91B Incidence of Analytes in Positive Cases	169	Vehicular Fatalities, Daily Alcohol Incidence (Graphs)	92
92 Number of Tests Performed	170	Vehicular Fatalities—Age Groups—Classification of Victims (Graphs)	93
92A Proficiency Studies	172	Homicides (Graphs)	125
93 Substances Involved in Fatal Poisonings	173	Moving Projected Annual Total (Graph)	134
93A Carbon Monoxide Fatalities	175	Suicide (Graphs)	135
93B Poisoning Fatalities 1976 – 1987	177	Violence of Undetermined Origin (Graphs)	145
93C Relative Lethality Index 1983 – 1987	179	Natural Causes (Graphs)	149
OTHER LABORATORY REPORTS		Abortions (Graphs)	157
94 Trace Evidence Laboratory Reports	182	Neonatal and Intra-Uterine Deaths (Graphs)	159
94A Trace Evidence Laboratory Reports	183	Undetermined Causes (Graphs)	163
95 Histology Laboratory Reports	185	Incidence of Polypharmacy	176
Photography Department Report	186	Trends in Fatal Poisonings (Graphs)	178
Forensic Odontology Report	187	Trend in Cocaine Metabolite Incidence 1983 – 1987	181
Radiology Department Report	188	MAPS	
Anthropology Report	189	Map 1 – Distribution of Coroner's Cases per 1,000 Population	35
Lectures	190	Map 2 – Distribution of Fatalities from Accidents in the Home	52
Publications	200	Map 3 – Distribution of Accidents in Other Places	74
Credits	201	Map 4 – Distribution of Vehicular Fatalities	86
The Cover – Last Word	202	Map 5 – Distribution of Homicides	126
		Map 6 – Distribution of Suicides	136

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

INTRODUCTION



County of Cuyahoga
CORONER'S OFFICE

Elizabeth K. Balraj, M.D.

Coroner

August, 1988

The forty-ninth annual report of the Cuyahoga County Coroner's Office has been prepared in accordance with the tradition set by Doctor Gerber, former Coroner. Dr. Gerber was a physician, lawyer and politician. He served our Community with integrity, competence and dedication from 1937 to 1986. His accomplishments were innumerable, the greatest of which was leaving behind him a well trained, competent and dedicated staff to carry out the duties which he performed so admirably. This report portrays the unified effort of all of the Coroner's staff. The expertise of each and every one of these individuals was utilized in the Coroner's investigations during the year 1987 in order to provide for the health, safety and welfare of our Community. Thus, mindful of the example that has been set before us, we dedicate this year's annual report to Dr. Samuel Robert Gerber.

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 IN-

CIDENCE 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 AS 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 INDICA-

TIONS 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 PROCEEDINGS FOR HIS ACTIONS.

REMOVAL OF DONOR EYES FOR CORNEAL TRANSPLANTS

SECTION 2108.60. (A) AS USED IN THIS SECTION:

(1) "CORNEA" OR "CORNEAS" INCLUDES CORNEAL TISSUE.

(2) "EYE BANK" MEANS A NONPROFIT CORPORATION THAT IS ORGANIZED UNDER THE LAWS OF THIS STATE, THE PURPOSES OF WHICH INCLUDE OBTAINING, STORING, AND DISTRIBUTING CORNEAS TO BE USED FOR CORNEAL TRANSPLANTS OR OTHER MEDICAL OR MEDICAL RESEARCH PURPOSES, AND THAT IS EXEMPT FROM FEDERAL TAXATION UNDER SUBSECTION 501 (C) OF THE INTERNAL REVENUE CODE.

(3) "EYE BANK OFFICIAL" MEANS A PERSON AUTHORIZED BY THE TRUSTEES OF AN EYE BANK TO MAKE REQUESTS FOR CORNEAS TO BE USED FOR

CORNEAL TRANSPLANTS OR OTHER MEDICAL OR MEDICAL RESEARCH PURPOSES.

(4) "EYE TECHNICIAN" MEANS A PERSON AUTHORIZED BY THE MEDICAL DIRECTOR OF AN EYE BANK TO REMOVE THE CORNEAS OF A DECEDENT.

(5) "INTERNAL REVENUE CODE" MEANS THE "INTERNAL REVENUE CODE OF 1954," 68A STAT. 3, 26 U.S.C. 1, AS AMENDED.

(B) A COUNTY CORONER WHO PERFORMS AN AUTOPSY PURSUANT TO SECTION 313.13 OF THE REVISED CODE, MAY REMOVE ONE OR BOTH CORNEAS OF THE DECEDENT, OR A CORONER MAY AUTHORIZE A DEPUTY CORONER, PHYSICIAN OR SURGEON LICENSED PURSUANT TO SECTION 4731.14 OF THE REVISED CODE, EMBALMER AUTHORIZED UNDER SECTION 2108.071 OF THE REVISED CODE TO ENUCLEATE EYES, OR EYE TECHNICIAN TO REMOVE ONE OR BOTH CORNEAS OF A DECEDENT WHOSE BODY IS THE SUBJECT OF AN AUTOPSY PERFORMED PURSUANT TO SECTION 313.13 OF THE REVISED CODE, IF ALL OF THE FOLLOWING APPLY:

(1) THE CORNEAS ARE NOT NECESSARY FOR THE SUCCESSFUL COMPLETION OF THE AUTOPSY OR FOR EVIDENCE;

(2) AN EYE BANK OFFICIAL HAS REQUESTED THE REMOVAL OF CORNEAS AND CERTIFIED TO THE CORONER IN WRITING THAT THE CORNEAS WILL BE USED ONLY FOR CORNEAL TRANSPLANTS OR OTHER MEDICAL RESEARCH PURPOSES;

(3) THE REMOVAL OF THE CORNEAS AND GIFT TO THE EYE BANK DO NOT ALTER A GIFT MADE BY THE DECEDENT OR ANY OTHER PERSON AUTHORIZED UNDER THIS CHAPTER TO AN AGENCY OR ORGANIZATION OTHER THAN THE EYE BANK;

(4) THE CORONER AT THE TIME HE REMOVES OR AUTHORIZES THE REMOVAL OF THE CORNEAS, HAS NO KNOWLEDGE OF AN OBJECTION TO THE REMOVAL BY ANY OF THE FOLLOWING:

(A) THE DECEDENT, AS EVIDENCED IN A WRITTEN DOCUMENT EXECUTED DURING HIS LIFETIME;

(B) THE DECEDENT'S SPOUSE;

(C) IF THERE IS NO SPOUSE, THE DECEDENT'S ADULT CHILDREN;

(D) IF THERE IS NO SPOUSE AND NO ADULT CHILDREN, THE DECEDENT'S PARENTS;

(E) IF THERE IS NO SPOUSE, NO ADULT CHILDREN, AND NO PARENTS, THE DECEDENT'S BROTHERS OR SISTERS;

(F) IF THERE IS NO SPOUSE, NO ADULT CHILDREN, NO PARENTS, AND NO BROTHERS OR SISTERS, THE GUARDIAN OF THE PERSON OF THE DECEDENT AT THE TIME OF DEATH;

(G) IF THERE IS NO SPOUSE, NO ADULT CHILDREN, NO PARENTS, NO BROTHERS OR SISTERS, NO GUARDIAN OF THE PERSON OF THE DECEDENT AT THE TIME OF DEATH, ANY OTHER PERSON AUTHORIZED OR UNDER OBLIGATION TO DISPOSE OF THE BODY.

(C) ANY PERSON WHO ACTS IN GOOD FAITH UNDER THIS SECTION AND WITHOUT KNOWLEDGE OF AN OBJECTION, AS DESCRIBED IN DIVISION (B)(4) OF THIS SECTION, TO THE REMOVAL OF CORNEAS IS NOT LIABLE IN ANY CIVIL OR CRIMINAL ACTION BASED ON THE REMOVAL.

PHYSICAL ABUSE AND NEGLECT OF CHILDREN

(BATTERED CHILD SYNDROME)

PERSONS REQUIRED TO REPORT INJURY OR NEGLECT; PROCEDURES ON RECEIPT OF REPORT

SECTION 2151.421 ANY ATTORNEY, PHYSICIAN, INCLUDING A HOSPITAL INTERN OR RESIDENT, DENTIST, PODIATRIST, PRACTITIONER OF A LIMITED BRANCH OF MEDICINE OR SURGERY AS DEFINED IN SECTION 4731.15 OF THE REVISED CODE, REGISTERED OR LICENSED PRACTICAL NURSE, VISITING NURSE, OR OTHER HEALTH CARE PROFESSIONAL,

LICENSED PSYCHOLOGIST, SPEECH PATHOLOGIST OR AUDIOLOGIST, CORONER, ADMINISTRATOR OR EMPLOYEE OF A CERTIFIED CHILD DAY-CARE CENTER, OR ADMINISTRATOR OR EMPLOYEE OF A CERTIFIED CHILD CARE AGENCY OR OTHER PUBLIC OR PRIVATE CHILDREN SERVICES AGENCY, SCHOOL TEACHER OR SCHOOL AUTHORITY, SOCIAL WORKER, OR PERSON RENDERING SPIRITUAL TREATMENT THROUGH PRAYER IN ACCORDANCE WITH THE TENETS OF A WELL RECOGNIZED RELIGION, ACTING IN HIS OFFICIAL OR PROFESSIONAL CAPACITY, HAVING REASON TO BELIEVE THAT A CHILD LESS THAN EIGHTEEN YEARS OF AGE OR ANY CRIPPLED OR OTHERWISE PHYSICALLY OR MENTALLY HANDICAPPED CHILD UNDER TWENTY-ONE YEARS OF AGE HAS SUFFERED ANY WOUND, INJURY, DISABILITY, OR CONDITION OF SUCH A NATURE AS TO REASONABLY INDICATE ABUSE OR NEGLECT OF THE CHILD, SHALL IMMEDIATELY REPORT OR CAUSE REPORTS TO BE MADE OF SUCH INFORMATION TO THE CHILDREN SERVICES BOARD OR THE COUNTY DEPARTMENT OF WELFARE EXERCISING THE CHILDREN SERVICES FUNCTION, OR A MUNICIPAL OR COUNTY PEACE OFFICER IN THE COUNTY IN WHICH THE CHILD RESIDES OR IN WHICH THE ABUSE OR NEGLECT IS OCCURRING OR HAS OCCURRED.

ANYONE HAVING REASON TO BELIEVE THAT A CHILD LESS THAN EIGHTEEN YEARS OF AGE OR ANY CRIPPLED OR OTHERWISE PHYSICALLY OR MENTALLY HANDICAPPED CHILD UNDER TWENTY-ONE YEARS OF AGE HAS SUFFERED ANY WOUND, INJURY, DISABILITY, OR OTHER CONDITION OF SUCH NATURE AS TO REASONABLY INDICATE ABUSE OR NEGLECT OF THE CHILD MAY REPORT OR CAUSE REPORTS TO BE MADE OF SUCH INFORMATION TO THE CHILDREN SERVICES BOARD OR THE COUNTY DEPARTMENT OF WELFARE EXERCISING THE CHILDREN SERVICES FUNCTION, OR TO A MUNICIPAL OR COUNTY PEACE OFFICER.

THE REPORTS SHALL BE MADE FORTHWITH BY TELEPHONE OR IN PERSON FORTHWITH, AND SHALL BE FOLLOWED BY A WRITTEN REPORT, IF REQUESTED BY THE RECEIVING AGENCY OR OFFICER. THE WRITTEN REPORT SHALL CONTAIN:

(A) THE NAMES AND ADDRESSES OF THE CHILD

AND HIS PARENTS OR PERSON OR PERSONS HAVING CUSTODY OF SUCH CHILD, IF KNOWN;

(B) THE CHILD'S AGE AND THE NATURE AND EXTENT OF THE CHILD'S INJURIES, ABUSE, OR NEGLECT, INCLUDING ANY EVIDENCE OF PREVIOUS INJURIES, ABUSE, OR NEGLECT;

(C) ANY OTHER INFORMATION WHICH MIGHT BE HELPFUL IN ESTABLISHING THE CAUSE OF THE INJURY, ABUSE, OR NEGLECT.

ANY PERSON WHO IS REQUIRED TO REPORT CASES OF CHILD ABUSE OR NEGLECT MAY TAKE OR CAUSE TO BE TAKEN COLOR PHOTOGRAPHS OF AREAS OF TRAUMA VISIBLE ON A CHILD AND, IF MEDICALLY INDICATED, CAUSE TO BE PERFORMED RADIOLOGICAL EXAMINATION OF THE CHILD.

WHEN THE ATTENDANCE OF THE PHYSICIAN IS PURSUANT TO THE PERFORMANCE OF SERVICES AS A MEMBER OF THE STAFF OF A HOSPITAL OR SIMILAR INSTITUTION, HE SHALL NOTIFY THE PERSON IN CHARGE OF THE INSTITUTION OR HIS DESIGNATED DELEGATE WHO SHALL MAKE THE NECESSARY REPORTS.

UPON THE RECEIPT OF A REPORT CONCERNING THE POSSIBLE ABUSE OR NEGLECT OF A CHILD, THE MUNICIPAL OR COUNTY PEACE OFFICER SHALL REFER SUCH REPORT TO THE APPROPRIATE COUNTY DEPARTMENT OF WELFARE OR CHILDREN SERVICES BOARD.

NO CHILD UPON WHOM A REPORT IS MADE SHALL BE REMOVED FROM HIS PARENTS, STEP-PARENTS, GUARDIAN, OR OTHER PERSONS HAVING CUSTODY BY A MUNICIPAL OR COUNTY PEACE OFFICER WITHOUT CONSULTATION WITH THE CHILDREN SERVICES BOARD OR THE COUNTY DEPARTMENT OF WELFARE EXERCISING THE CHILDREN SERVICES FUNCTION UNLESS, IN THE JUDGMENT OF THE REPORTING PHYSICIAN AND THE OFFICER, IMMEDIATE REMOVAL IS CONSIDERED ESSENTIAL TO PROTECT THE CHILD FROM FURTHER ABUSE OR NEGLECT.

THE COUNTY DEPARTMENT OF WELFARE OR CHILDREN SERVICES BOARD SHALL INVESTIGATE, WITHIN TWENTY-FOUR HOURS, EACH REPORT REFERRED TO IT UNDER THIS SECTION TO DETERMINE THE CIRCUMSTANCES SURROUNDING THE INJURY OR INJURIES, ABUSE, OR NEGLECT, THE CAUSE THEREOF,

AND THE PERSON OR PERSONS RESPONSIBLE. THE INVESTIGATION SHALL BE MADE IN COOPERATION WITH THE LAW ENFORCEMENT AGENCY. THE COUNTY DEPARTMENT OF WELFARE OR CHILDREN SERVICES BOARD SHALL REPORT EACH CASE TO A CENTRAL REGISTRY WHICH THE STATE DEPARTMENT OF PUBLIC WELFARE SHALL MAINTAIN IN ORDER TO DETERMINE WHETHER PRIOR REPORTS HAVE BEEN MADE IN OTHER COUNTIES CONCERNING THE CHILD OR OTHER PRINCIPALS IN THE CASE. THE DEPARTMENT OR BOARD SHALL SUBMIT A REPORT OF ITS INVESTIGATION, IN WRITING, TO THE LAW ENFORCEMENT AGENCY.

THE COUNTY DEPARTMENT OF WELFARE OR CHILDREN SERVICES BOARD SHALL MAKE SUCH RECOMMENDATIONS TO THE COUNTY PROSECUTOR OR CITY DIRECTOR OF LAW AS IT DEEMS NECESSARY TO PROTECT SUCH CHILDREN AS ARE BROUGHT TO ITS ATTENTION.

ANYONE OR ANY HOSPITAL, INSTITUTION, SCHOOL, HEALTH DEPARTMENT, OR AGENCY PARTICIPATING IN THE MAKING OF THE REPORTS, OR ANYONE PARTICIPATING IN A JUDICIAL PROCEEDING RESULTING FROM THE REPORTS, SHALL BE IMMUNE FROM ANY CIVIL OR CRIMINAL LIABILITY THAT MIGHT OTHERWISE BE INCURRED OR IMPOSED AS A RESULT OF SUCH ACTIONS. NOTWITHSTANDING SECTION 4731.22 OF THE REVISED CODE, THE PHYSICIAN-PATIENT PRIVILEGE SHALL NOT BE A GROUND FOR EXCLUDING EVIDENCE REGARDING A CHILD'S INJURIES, ABUSE, OR NEGLECT, OR THE CAUSE THEREOF IN ANY JUDICIAL PROCEEDING RESULTING FROM A REPORT SUBMITTED PURSUANT TO THIS SECTION.

NOTHING IN THIS SECTION SHALL BE CONSTRUED TO DEFINE AS AN ABUSED OR NEGLECTED CHILD ANY CHILD WHO IS UNDER SPIRITUAL TREATMENT THROUGH PRAYER IN ACCORDANCE WITH THE TENETS AND PRACTICE OF A WELL RECOGNIZED RELIGION IN LIEU OF MEDICAL TREATMENT, AND NO REPORT SHALL BE REQUIRED AS TO THE CHILD.

ANY REPORT MADE UNDER THIS SECTION IS CONFIDENTIAL, AND ANY PERSON WHO PERMITS OR ENCOURAGES THE UNAUTHORIZED DISSEMINATION OF ITS CONTENTS IS GUILTY OF A MISDEMEANOR OF THE FOURTH DEGREE.

REPORTS REQUIRED BY THIS SECTION SHALL RESULT IN PROTECTIVE SERVICES AND EMERGENCY SUPPORTIVE SERVICES BEING MADE AVAILABLE BY THE COUNTY DEPARTMENT OF WELFARE OR CHILDREN SERVICES BOARD ON BEHALF OF CHILDREN ABOUT WHO (SIC) THE REPORTS ARE MADE, IN AN EFFORT TO PREVENT FURTHER NEGLECT OR ABUSE, TO ENHANCE THEIR WELFARE, AND WHENEVER POSSIBLE, TO PRESERVE THE FAMILY UNIT INTACT. THE DEPARTMENT OF PUBLIC WELFARE SHALL EXERCISE RULE-MAKING AUTHORITY UNDER CHAPTER 119. OF THE REVISED CODE TO AID IN THE IMPLEMENTATION OF THIS SECTION.

THERE SHALL BE PLACED ON FILE WITH THE JUVENILE COURT IN EACH COUNTY AND THE DEPARTMENT OF PUBLIC WELFARE AN INITIAL PLAN OF COOPERATION JOINTLY PREPARED AND SUBSCRIBED TO BY A COMMITTEE CONSISTING OF THE COUNTY PEACE OFFICER, ALL CHIEF MUNICIPAL PEACE OFFICERS WITHIN THE COUNTY, THE PROSECUTING ATTORNEY OF THE COUNTY AND THE DIRECTOR OF LAW OF EACH CITY, AND THE CHILDREN SERVICES BOARD OR COUNTY WELFARE DEPARTMENT EXERCISING THE CHILDREN SERVICES FUNCTION AS CONVENED BY THE COUNTY WELFARE DIRECTOR. THE PLAN SHALL SET FORTH THE NORMAL OPERATING PROCEDURE TO BE EMPLOYED BY ALL CONCERNED OFFICIALS IN THE EXECUTION OF THEIR RESPECTIVE RESPONSIBILITIES UNDER THIS SECTION AND SECTION 2151.41 OF THE REVISED CODE. THE PLAN SHALL INCLUDE A SYSTEM FOR CROSS-REFERRAL OF REPORTED CASES OF ABUSE AND NEGLECT AS NECESSARY, AND SHALL ALSO INCLUDE THE NAME AND TITLE OF THE OFFICIAL DIRECTLY RESPONSIBLE FOR MAKING REPORTS TO THE CENTRAL REGISTRY.

SECTION 2921.22. (A) NO PERSON, KNOWING THAT A FELONY HAS BEEN OR IS BEING COMMITTED, SHALL KNOWINGLY FAIL TO REPORT SUCH INFORMATION TO LAW ENFORCEMENT AUTHORITIES.

(B) NO PHYSICIAN, LIMITED PRACTITIONER, NURSE, OR PERSON GIVING AID TO A SICK OR INJURED PERSON, SHALL NEGLIGENTLY FAIL TO

REPORT TO LAW ENFORCEMENT AUTHORITIES ANY GUNSHOT OR STAB WOUND TREATED OR OBSERVED BY HIM, OR ANY SERIOUS PHYSICAL HARM TO PERSONS WHICH HE KNOWS OR HAS REASONABLE CAUSE TO BELIEVE RESULTED FROM AN OFFENSE OF VIOLENCE.

(C) NO PERSON WHO DISCOVERS THE BODY OR ACQUIRES THE FIRST KNOWLEDGE OF THE DEATH OF ANY PERSON SHALL FAIL TO REPORT SUCH DEATH IMMEDIATELY TO ANY PHYSICIAN KNOWN BY SUCH PERSON TO BE TREATING THE DECEASED FOR A CONDITION FROM WHICH DEATH AT SUCH TIME WOULD NOT BE UNEXPECTED, OR TO A LAW ENFORCEMENT OFFICER, AMBULANCE SERVICE, EMERGENCY SQUAD, OR THE CORONER IN A POLITICAL SUBDIVISION IN WHICH THE BODY IS DISCOVERED, DEATH IS BELIEVED TO HAVE OCCURRED, OR KNOWLEDGE CONCERNING IT IS OBTAINED.

(D) NO PERSON SHALL FAIL TO PROVIDE UPON REQUEST OF THE PERSON TO WHOM HE HAS MADE A REPORT REQUIRED BY DIVISION (C) OF THIS SECTION, OR TO ANY LAW ENFORCEMENT OFFICER WHO HAS REASONABLE CAUSE TO ASSERT THE AUTHORITY TO INVESTIGATE THE CIRCUMSTANCES SURROUNDING SUCH DEATH, ANY FACTS WITHIN HIS KNOWLEDGE THAT MAY HAVE A BEARING ON THE INVESTIGATION OF SUCH DEATH.

(E) DIVISION (A) OR (D) OF THIS SECTION DOES NOT REQUIRE DISCLOSURE OF INFORMATION, WHEN ANY OF THE FOLLOWING APPLIES:

(1) THE INFORMATION IS PRIVILEGED BY REASON OF THE RELATIONSHIP BETWEEN ATTORNEY AND CLIENT, DOCTOR AND PATIENT, LICENSED PSYCHOLOGIST OR LICENSED SCHOOL PSYCHOLOGIST AND CLIENT, PRIEST AND PENITENT, OR HUSBAND AND WIFE.

(2) THE INFORMATION WOULD TEND TO INCRIMINATE A MEMBER OF THE ACTOR'S IMMEDIATE FAMILY.

(3) DISCLOSURE OF THE INFORMATION WOULD AMOUNT TO REVEALING A NEWS SOURCE, PRIVILEGED UNDER SECTION 2739.04 OR 2739.12 OF THE REVISED CODE.

(4) DISCLOSURE OF THE INFORMATION WOULD

AMOUNT TO DISCLOSURE BY AN ORDAINED CLERGYMAN OF AN ORGANIZED RELIGIOUS BODY CONFIDENTIAL COMMUNICATION MADE TO HIM IN HIS CAPACITY AS SUCH BY A PERSON SEEKING HIS AID OR COUNSEL.

(5) DISCLOSURE WOULD AMOUNT TO REVEALING INFORMATION ACQUIRED BY THE ACTOR IN THE COURSE OF HIS DUTIES IN CONNECTION WITH BONA FIDE PROGRAM OF TREATMENT OF 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.

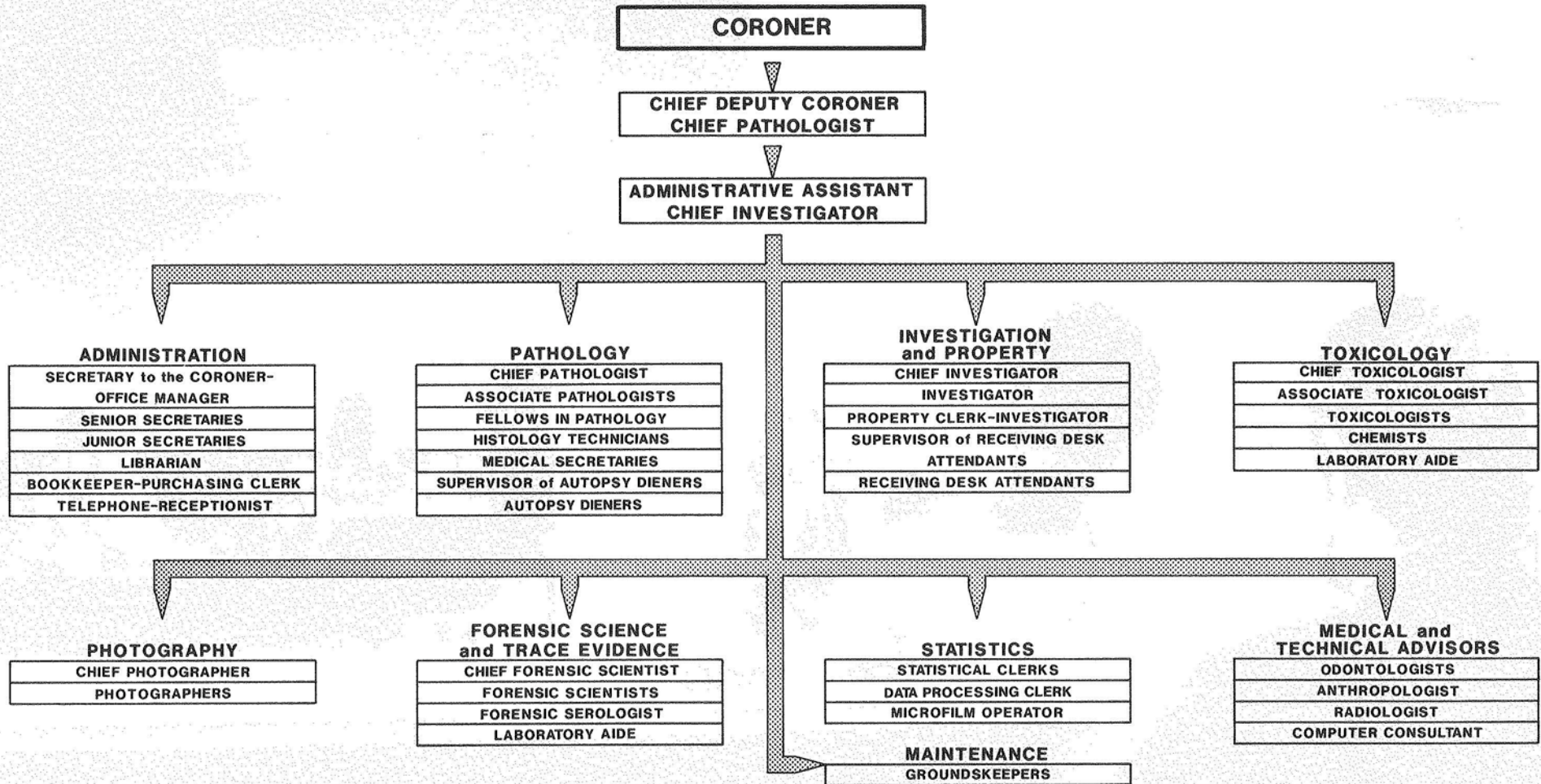
(H) WHOEVER VIOLATES DIVISION (C) OR (D) OF THIS SECTION IS GUILTY OF FAILURE TO REPORT KNOWLEDGE OF A DEATH, A MISDEMEANOR OF THE FOURTH DEGREE.

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.

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

THE CORONER'S STAFF



THE CORONER'S STAFF

CORONER 1

ADMINISTRATION

Administrative Assistant - Chief Investigator. 1

Secretary to Coroner - Office Manager. 1

Senior Secretaries 2

Secretaries 6

Librarian 1

Communications Clerk. 1

Bookkeeper - Requisition Clerk. 1

Telephone Operator - Receptionist. 1

INVESTIGATION AND PROPERTY DEPARTMENT

Investigator - Property Clerks. 2

Desk Attendants 8

Grounds Keepers 3

PATHOLOGY DEPARTMENT

Chief Deputy Coroner - Chief Pathologist 1

Deputy Coroner - Pathologist 2

Associate Pathologist. 1

Fellow in Pathology 1

Histology Technicians 2

Medical Secretaries 2

Autopsy Dieners 3&1*

MEDICAL AND TECHNICAL ADVISORS

Odontologists 2*

Anthropologist. 1*

Computer Consultant. 1*

Radiologist. 1*

(Technician - included in Autopsy Diener)

PHOTOGRAPHIC DEPARTMENT

Chief Photographer. 1

Photographers 2

STATISTICAL DEPARTMENT

Statistical Clerks 2

Technical Typist. 1

Microfilm Operator 1

TOXICOLOGY DEPARTMENT

Chief Toxicologist. 1

Associate Toxicologist. 1

Toxicologists 2

Chemists 3

Technical Typist. 1

Laboratory Aide. 1

FORENSIC SCIENCE AND TRACE EVIDENCE

Chief Forensic Scientist 1

Forensic Scientists 2

Forensic Serologist. 1

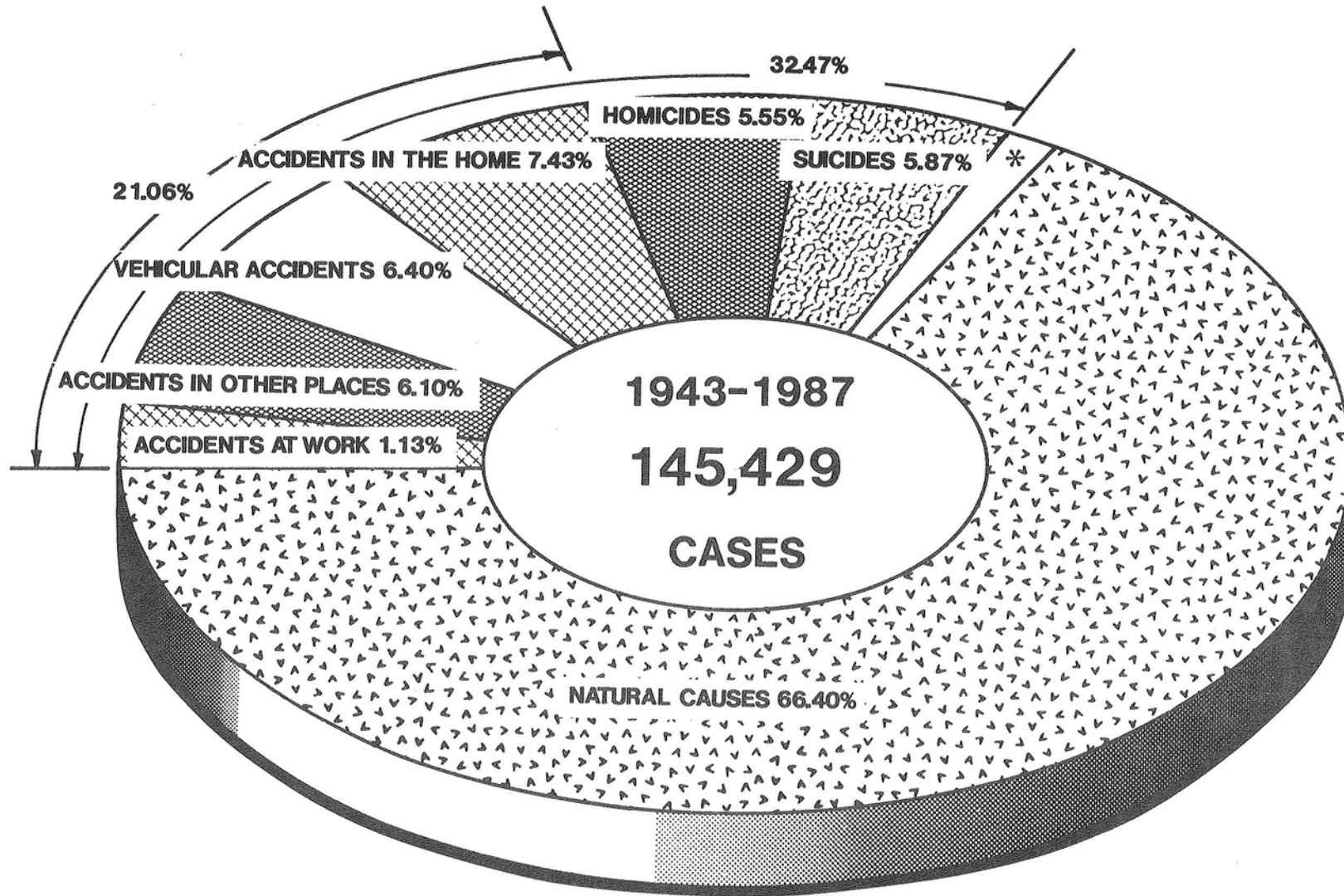
Laboratory Aide. 1

TOTAL 61&6*

* Part Time

TRENDS

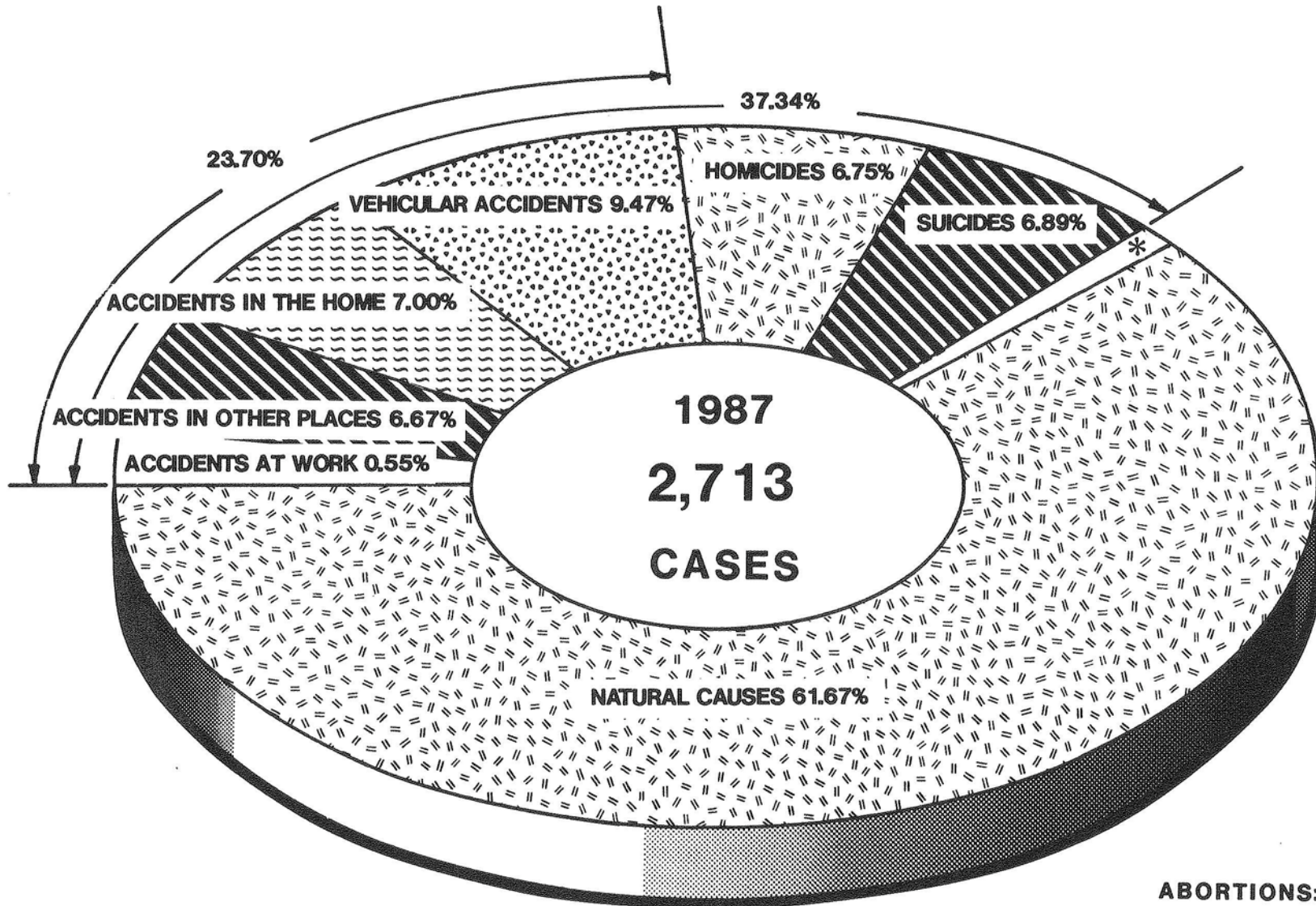
TYPES OF CASES RECEIVED AT THE COUNTY OF CUYAHOGA CORONER'S OFFICE



DEATHS FROM VIOLENCE: 33.01%
DEATHS FROM NATURAL CAUSES: 66.99%

ABORTIONS:	0.05%	}	*
UNDETERMINED CAUSES:	0.16%		
VIOLENCE OF UNDETERMINED ORIGIN:	0.54%		
NEONATAL AND INTRA-UTERINE DEATHS:	0.38%		

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

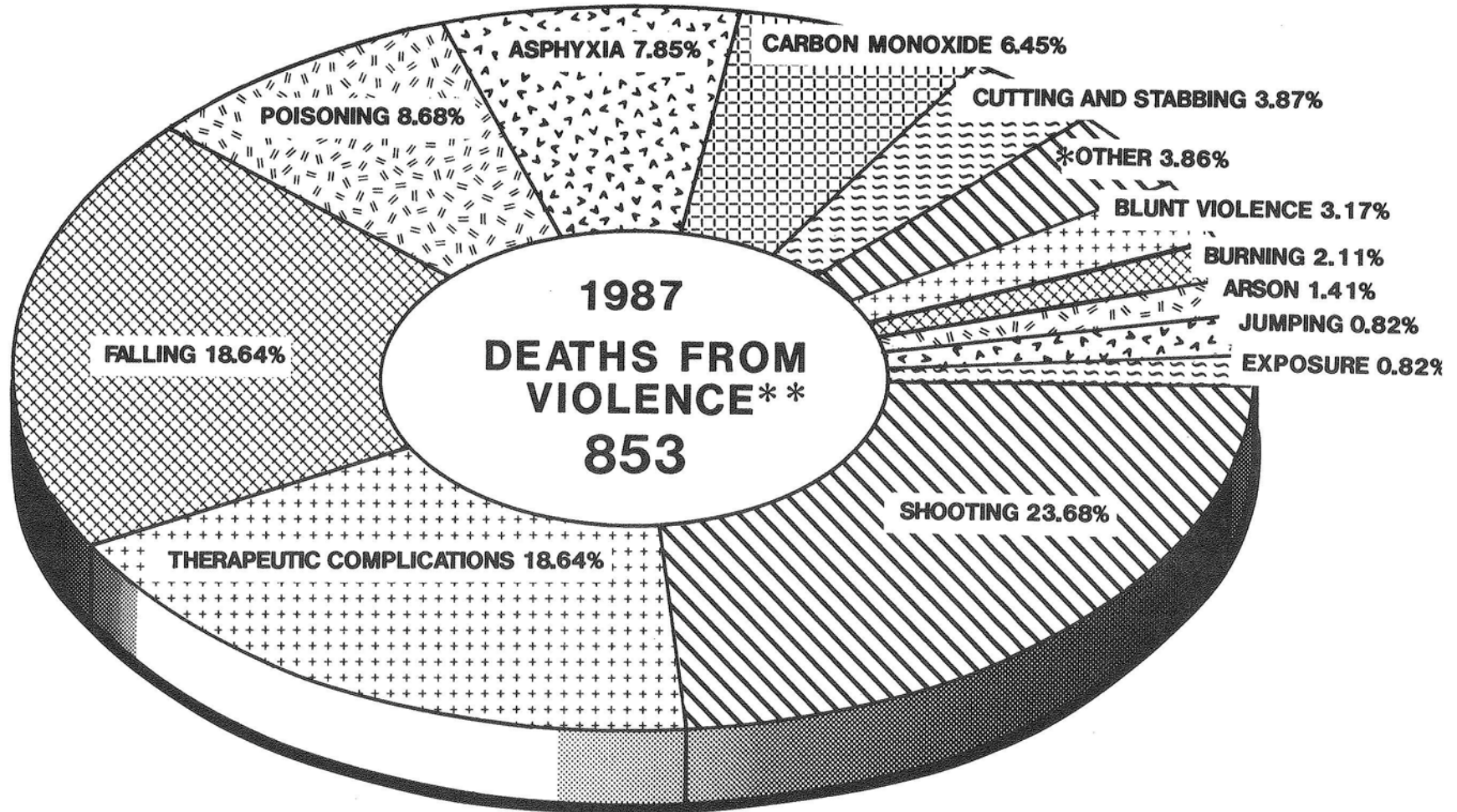


DEATHS FROM VIOLENCE: 38.11%
DEATHS FROM NATURAL CAUSES: 61.89%

ABORTIONS: 0.00%
UNDETERMINED CAUSES: 0.18%
VIOLENCE OF UNDETERMINED ORIGIN: 0.77%
NEONATAL AND INTRA-UTERINE DEATHS: 0.04% }

*

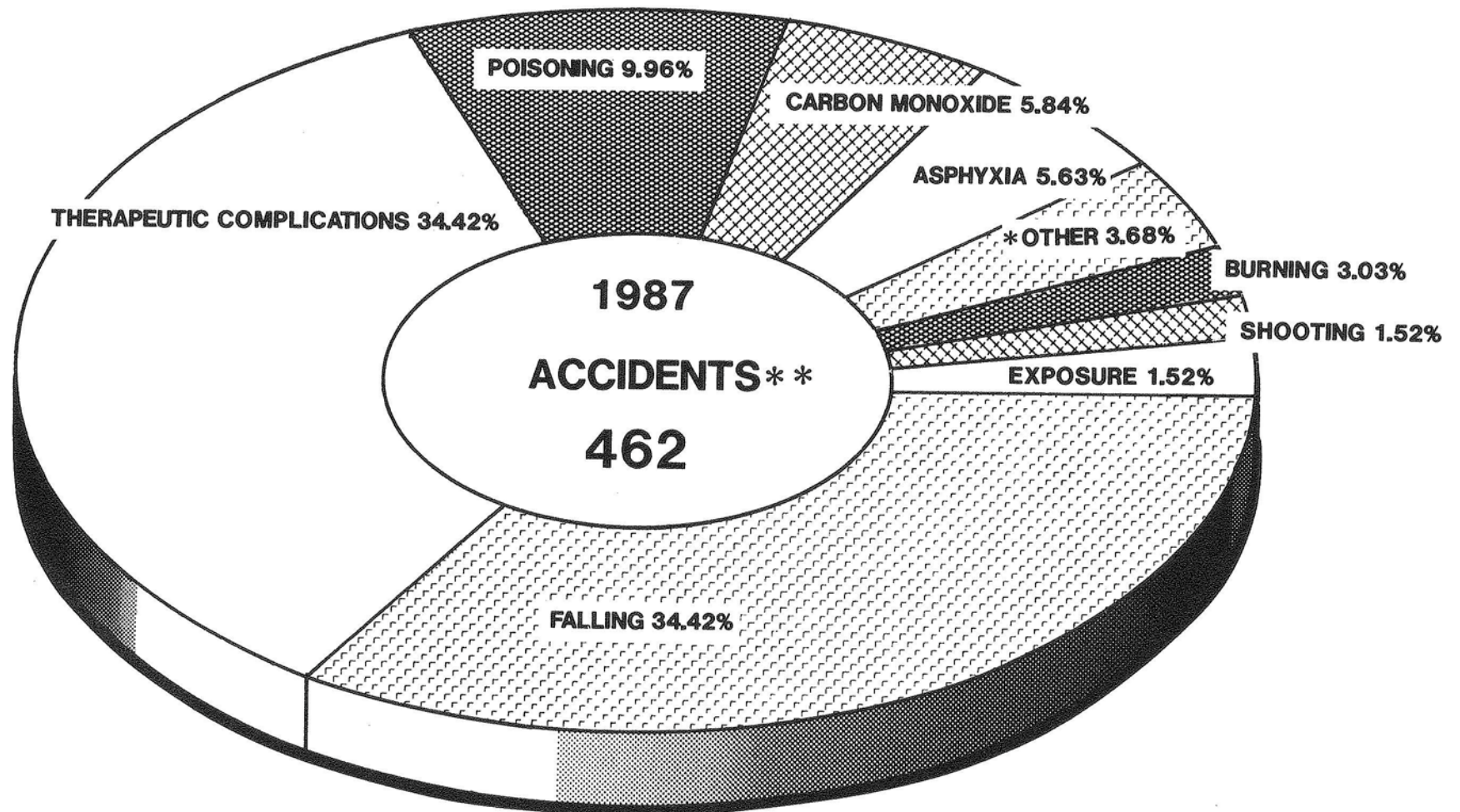
FATALITIES RESULTING FROM VIOLENCE MODE OF OCCURRENCE 1987



* CANINE ATTACK, CORONARY EPISODE DURING LEGAL INTERVENTION, CORONARY EPISODE DURING FIRE, CORONARY EPISODE DURING PHYSICAL ALTERCATION, CRUSHING, WHIPLASH DURING WATER-SKIING, ELECTROCUTION, FALL FROM HORSE, HEAT STROKE, INGESTION OF FOREIGN METALIC BODY, JUMPED IN FRONT OF TRAIN, NEGLIGENCE, RUN OVER BY MOTOR VEHICLE, STRANGULATION, STRUCK BY OBJECT, STRUCK BY TRAIN AND UNDETERMINED.

** EXCLUDING VEHICULAR ACCIDENTS.

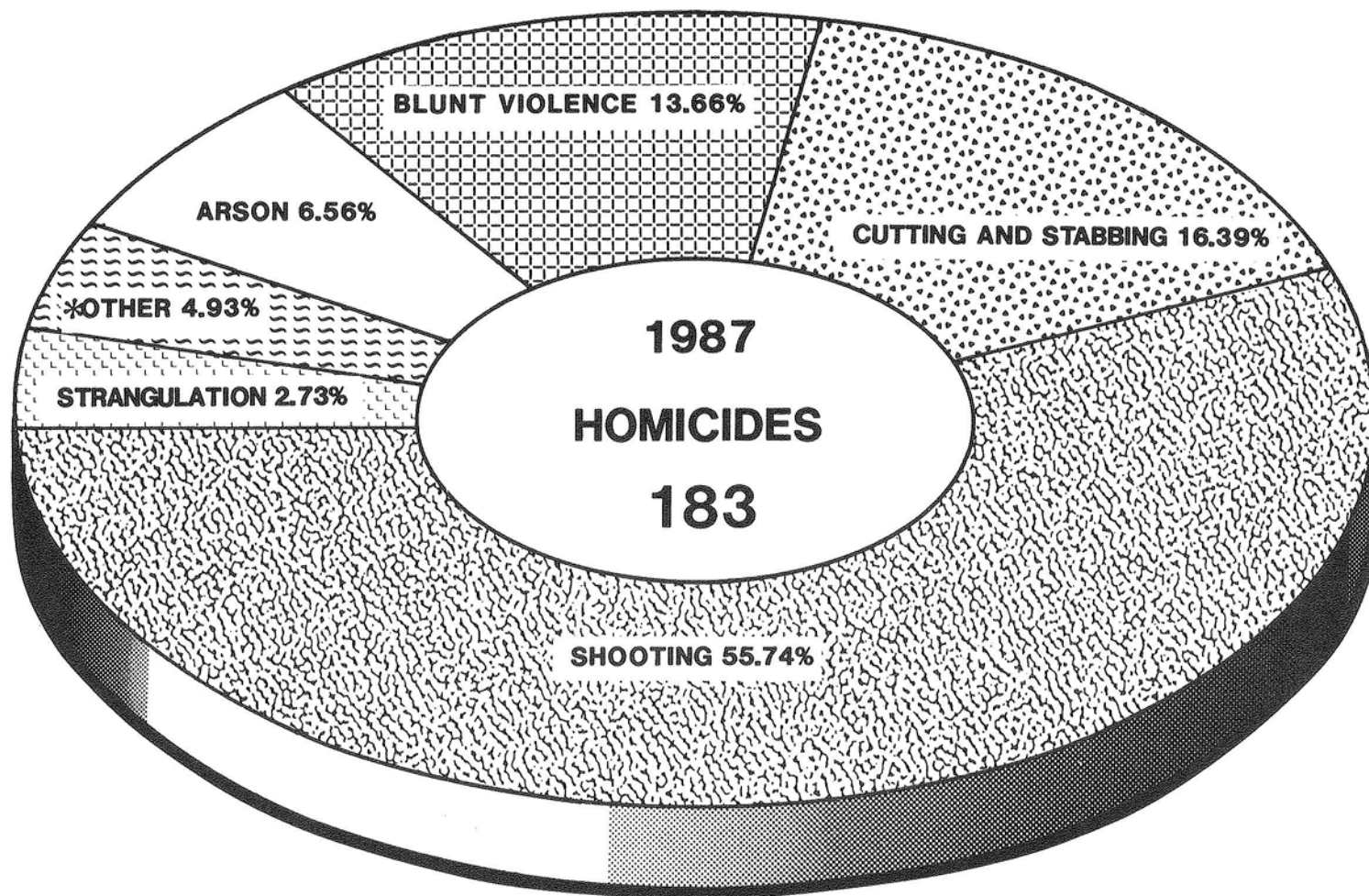
FATALITIES RESULTING FROM ACCIDENTS MODE OF OCCURRENCE 1987



* CANINE ATTACK, CORONARY EPISODE RESULTING FROM HOUSE FIRE, CORONARY EPISODE DURING LEGAL INTERVENTION, CRUSHING, ELECTROCUTION, FALL FROM HORSE, INGESTION OF FOREIGN METALIC BODY, STRUCK BY OBJECT, STRUCK BY TRAIN AND WHIPLASH DURING WATER-SKIING.

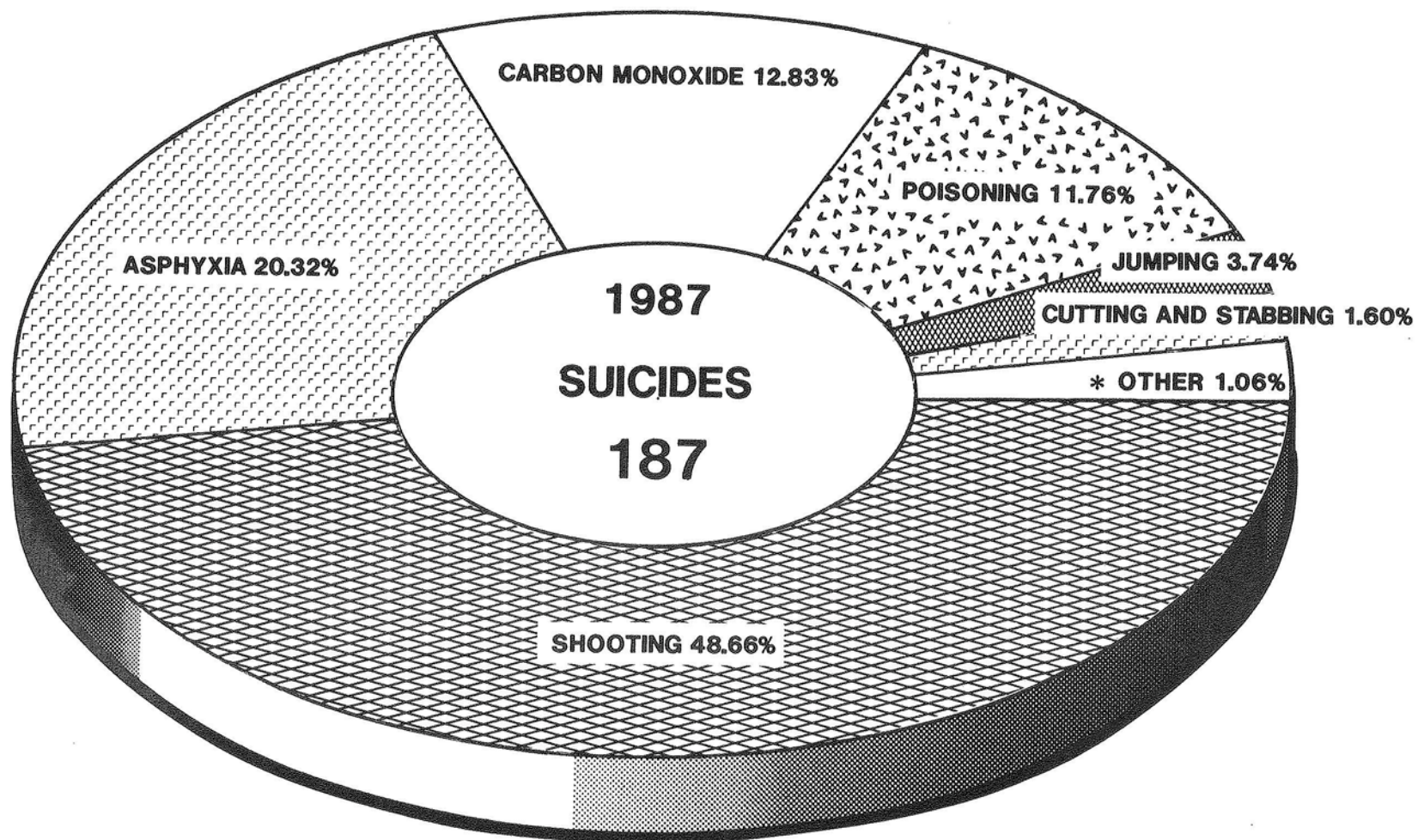
** EXCLUDING VEHICULAR ACCIDENTS.

FATALITIES RESULTING FROM HOMICIDES MODE OF OCCURRENCE 1987



* CORONARY EPISODE DURING PHYSICAL ALTERCATION, DROWNING, HEAT STROKE, NEGLECT AND STRUCK BY MOTOR VEHICLE.

FATALITIES RESULTING FROM SUICIDES MODE OF OCCURRENCE 1987



* BURNING AND RUN OVER BY TRAIN.

TYPES OF FATALITIES AND MISCELLANEOUS INFORMATION 1986 AND 1987

TABLE A

	1986	1987
ACCIDENTS IN THE HOME	190	190
ACCIDENTS WHILE AT WORK	22	15
VEHICULAR ACCIDENTS	186	181
ACCIDENTS IN OTHER PLACES	230	257
HOMICIDES	168	183
SUICIDES	184	187
VIOLENCE OF UNDETERMINED ORIGIN	30	21
TOTAL VIOLENT DEATHS	1010	1034
NATURAL CAUSES	1682	1673
ABORTIONS	0	0
NEONATAL AND INTRA-UTERINE DEATHS	6	1
UNDETERMINED CAUSES	9	5
CASES REPORTED-ADMITTED	2707	2713
CASES REPORTED-NOT ADMITTED	2452	2628
AUTOPSIES (HOSPITAL INCLUDED)	1424*	1430**
AUTOPSIES(performed for other counties)	43	53
UNIDENTIFIED BODIES	4	2
UNIDENTIFIED FOETUSES	0	1
IDENTIFIED AND UNCLAIMED	36	31
DEATHS IN CUYAHOGA COUNTY	15,975	N.A.
PERCENTAGE OF DEATHS ADMITTED	17%	-

* Includes 111 Autopsies performed at hospitals

** Includes 99 Autopsies performed at hospitals.

N.A. - Not available at Time of Publication.

TYPES OF FATALITIES - SEX, RACE, AUTOPSY

TABLE B

	TOTAL	SEX		RACE		AUTOPSIED CASES*	% OF TOTAL CASES
		MALE	FEMALE	WHITE	NON-WHITE		
ACCIDENTS IN THE HOME	190	93	97	136	54	133	4.90
ACCIDENTS WHILE AT WORK	15	15	0	13	2	17	0.63
VEHICULAR ACCIDENTS	181	135	46	135	46	177	6.52
ACCIDENTS IN OTHER PLACES	257	145	112	207	50	136	5.01
HOMICIDES	183	131	52	53	130	182	6.71
SUICIDES	187	144	43	155	32	186	6.86
VIOLENCE OF UNDETERMINED ORIGIN	21	8	13	14	7	21	0.77
NATURAL CAUSES	1673	1036	637	1085	588	572	21.08
ABORTIONS	0						0.00
NEONATAL AND INTRA-UTERINE DEATHS	1	1	0	0	1	1	0.04
UNDETERMINED CAUSES	5	1	4	4	1	5	0.18
GRAND TOTAL	2713	1709	1004	1802	911	1430	52.71

* Includes 111 Autopsies performed at hospitals

TYPES OF FATALITIES - 1986 AND 1987 INCIDENCE COMPARED

TABLE C

	PERCENTAGE OF TOTAL CASES ADMITTED	
	1986	1987
ACCIDENTS IN THE HOME	7.02	7.00
ACCIDENTS WHILE AT WORK	0.81	0.55
VEHICULAR ACCIDENTS	8.50	6.67
ACCIDENTS IN OTHER PLACES	6.87	9.47
HOMICIDES	6.21	6.75
SUICIDES	6.80	6.89
VIOLENCE OF UNDETERMINED ORIGIN	1.11	0.77
TOTAL OF VIOLENT DEATHS	37.31	38.11
NATURAL CAUSES	62.14	61.67
ABORTIONS	0.00	0.00
NEONATAL AND INTRA-UTERINE DEATHS	0.22	0.04
UNDETERMINED CAUSES	0.33	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	190	111	58.42	15	13.51
ACCIDENTS WHILE AT WORK	15	9	60.00	1	11.11
VEHICULAR ACCIDENTS	181	153	84.53	76	49.67
ACCIDENTS IN OTHER PLACES	257	76	29.57	19	25.00
TOTAL	643	349	54.28	111	31.81
HOMICIDES	183	167	91.26	57	34.13
SUICIDES	187	179	95.72	58	32.40
VIOLENCE OF UNDETERMINED ORIGIN	21	18	85.71	2	11.11
TOTAL	1034	713	68.96	228	31.98
NATURAL CAUSES	1673	1425	85.18	124	8.70
ABORTIONS	0				
UNDETERMINED CAUSES	5	5	100.00	0	0.00

VEHICULAR FATALITIES

DAILY ALCOHOL INCIDENCE

TABLE E

DAY	MOTORCYCLIST (1)		DRIVER (2)		PASSENGER (3)		PEDESTRIAN (4)		TOTAL	
	NUMBER OF CASES		NUMBER OF CASES		NUMBER OF CASES		NUMBER OF CASES		NUMBER OF CASES	
	TESTED	POSITIVE	TESTED	POSITIVE	TESTED	POSITIVE	TESTED	POSITIVE	TESTED	POSITIVE
SUNDAY	3	1	11	7	5	1	4	2	23	11
MONDAY	6	3	13	3	2	1	6		27	7
TUESDAY	1		10	2	2	1	4	1	17	4
WEDNESDAY	1	1	6	1	3	1	3		13	3
THURSDAY	1		11	10	3	2	4	2	19	14
FRIDAY	3	1	11	6	6	3	8	3	28	13
SATURDAY	4	2	23	15	13	5	13	3	53	25
TOTAL	19	8	85	44	34	14	42	11	180	77

(1) SEE TABLE 59 - A

(2) SEE TABLES 58 AND 59

(3) SEE TABLE 60

(4) SEE TABLE 61

SUMMARY CHART

DISTRIBUTION OF SELECTED CORONER'S CASES IN EACH MUNICIPALITY

COUNTY OF CUYAHOGA

TABLE F

CITIES	TOTAL INSIDE CASES		NATURAL CAUSES		HOME, WORK AND OTHER FATALITIES		VEHICULAR FATALITIES		HOMICIDE		SUICIDE	
	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases
Cleveland	1617	59.60	982	60.73	303	18.74	79	4.89	155	9.59	85	5.26
Bay Village	5	0.18	1	20.00	2	40.00					2	40.00
Beachwood	4	0.15	2	50.00	1	25.00					1	25.00
Bedford	37	1.36	25	67.57	5	13.51	2	5.41	1	2.70	3	8.11
Bedford Heights	11	0.41	4	36.36	3	27.27			1	9.09	3	27.27
Berea	16	0.59	10	62.50	2	12.50	1	6.25			3	18.75
Brecksville	3	0.11			1	33.33					2	66.67
Broadview Heights	6	0.22	2	33.33			3	50.00			1	16.67
Brooklyn	11	0.41	3	27.27	2	18.18	3	27.27			3	27.27
Brook Park	17	0.63	9	52.94	1	5.88	2	11.76	1	5.88	4	23.53
Cleveland Heights	32	1.18	14	43.75	12	37.50	4	12.50	1	3.13	1	3.13
East Cleveland	108	3.98	86	79.63	7	6.48	7	6.48	5	4.63	1	0.93
Euclid	103	3.80	73	70.87	15	14.56	6	5.83	2	1.94	7	6.80
Fairview Park	13	0.48	4	30.77	2	15.38	3	23.08	1	7.69	2	15.38
Garfield Heights	60	2.21	50	83.33	3	5.00	1	1.67	2	3.33	3	5.00
Highland Heights	1	0.04					1	100.00				
Independence	15	0.55	5	33.33	4	26.67	3	20.00	1	6.67	1	6.67
Lakewood	46	1.70	27	58.70	11	23.91	1	2.17			7	15.22
Lyndhurst	3	0.11					1	33.33			2	66.67
Maple Heights	20	0.74	9	45.00	4	20.00	1	5.00	2	10.00	3	15.00
Mayfield Heights	53	1.95	43	81.13	8	15.09	1	1.89			1	1.89
Middleburg Heights	57	2.10	50	87.72	3	5.26					1	1.75
North Olmsted	10	0.37	6	60.00	1	10.00			1	10.00	1	10.00
North Royalton	14	0.52	8	57.14	3	21.43	2	14.29			1	7.14
Olmsted Falls	1	0.04	1	100.00								
Parma	117	4.31	94	80.34	9	7.69	6	5.13			8	6.84
Parma Heights	16	0.59	4	25.00	5	31.25	1	6.25			6	37.50
Pepper Pike	4	0.15	1	25.00							3	75.00
Richmond Heights	16	0.59	14	87.50	1	6.25					1	6.25
Rocky River	20	0.74	8	40.00	4	20.00	7	35.00			1	5.00
Seven Hills	6	0.22	2	33.33	2	33.33					2	33.33
Shaker Heights	19	0.70	11	57.89	4	21.05	2	10.53	1	5.26	1	5.26
Solon	18	0.66	14	77.78			3	16.67			1	5.56
South Euclid	16	0.59	10	62.50	3	18.75					3	18.75
Strongsville	14	0.52	5	35.71	1	7.14	4	28.57	1	7.14	3	21.43
University Heights	8	0.29	3	37.50	2	25.00					3	37.50
Warrensville Heights	60	2.21	50	83.33	6	10.00	1	1.67	2	33.33	1	1.67
Westlake	38	1.40	31	81.58	3	7.89	2	5.26			2	5.26

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

SUMMARY CHART

DISTRIBUTION OF SELECTED CORONER'S CASES IN EACH MUNICIPALITY

COUNTY OF CUYAHOGA

TABLE F cont.

VILLAGES AND TOWNSHIPS	TOTAL INSIDE CASES		NATURAL CAUSES		HOME, WORK AND OTHER 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
VILLAGES:												
Bentleyville	0											
Bratenahl	1	0.04			1	100.00						
Brooklyn Heights	0											
Chagrin Falls	1	0.04			1	100.00						
Cuyahoga Heights	6	0.22	1	16.67			2	33.33			2	33.33
Gates Mills	0											
Glenwillow	2	0.07							2	100.00		
Hunting Valley	0											
Linndale	0											
Mayfield	1	0.04	1	100.00								
Moreland Hills	2	0.07			1	50.00						
Newburgh Heights	2	0.07					1	50.00			1	50.00
North Randall	5	0.18	2	40.00	2	40.00			1	20.00		
Oakwood	3	0.11	2	66.67			1	33.33				
Orange	0											
Valley View	3	0.11									3	100.00
Walton Hills	2	0.07	1	50.00					1	50.00		
Woodmere	2	0.07			1	50.00	1	50.00				
TOWNSHIPS:												
Chagrin Falls	0											
Olmsted	7	0.26	3	42.86	1	14.29	2	28.57	1	14.29		
Riveredge	0											
Warrensville	3	0.11	2	66.67			1	33.33				
TURNPIKE IN COUNTY	1	0.04					1	100.00				

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

DEATHS IN COUNTY, DEATHS REPORTED TO CORONER CASES RECEIVED 1943-1987

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%

COUNTY POPULATION 1960: 1,647,895

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%

DEATHS IN COUNTY, DEATHS REPORTED TO CORONER CASES RECEIVED 1943-1987

COUNTY POPULATION 1970: 1,721,300

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
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: 15,669	5,463	34.9%	2,782	17.8%
1986: 15,975	5,159	32.3%	2,707	16.9%
1987: N.A.	5,341	-	2,713	-

N.A. - Not available at time of publication.

1987

POPULATION OF CUYAHOGA COUNTY BY CITIES, VILLAGES AND TOWNSHIPS (1980 CENSUS)

CITIES

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

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

VILLAGES

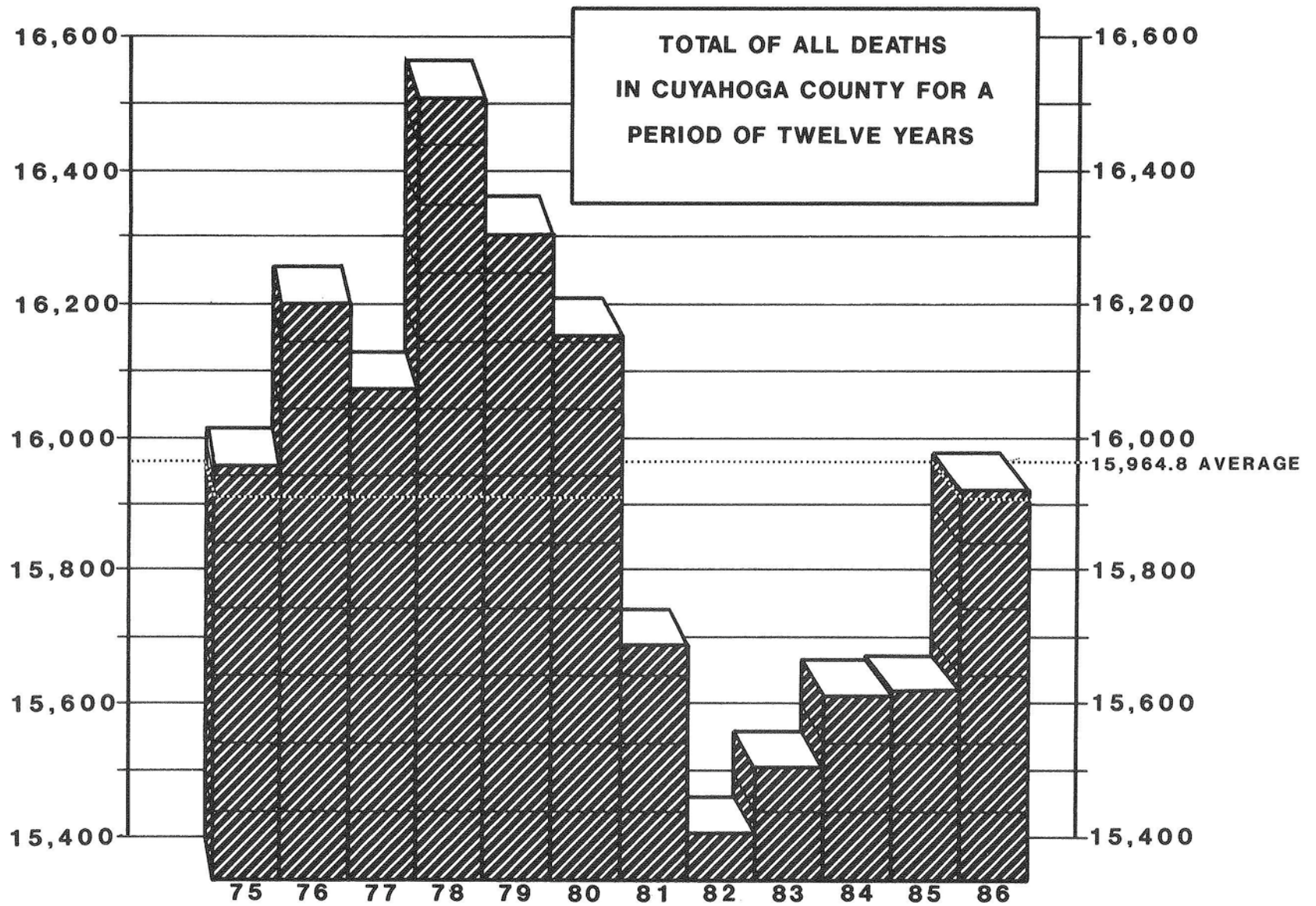
Bentleyville	381
Bratenahl	1,485
Brooklyn Heights	1,653

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

TOWNSHIPS

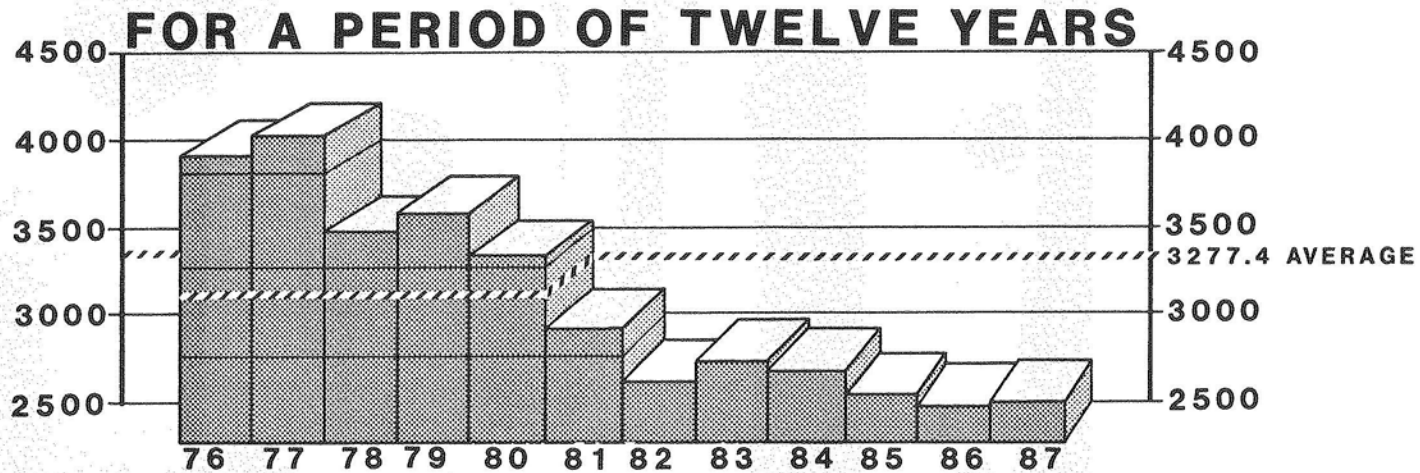
Chagrin Falls	136
Olmsted	6,976
Riveredge	477
Warrensville	1,640

POPULATION OF CUYAHOGA COUNTY
1,498,400

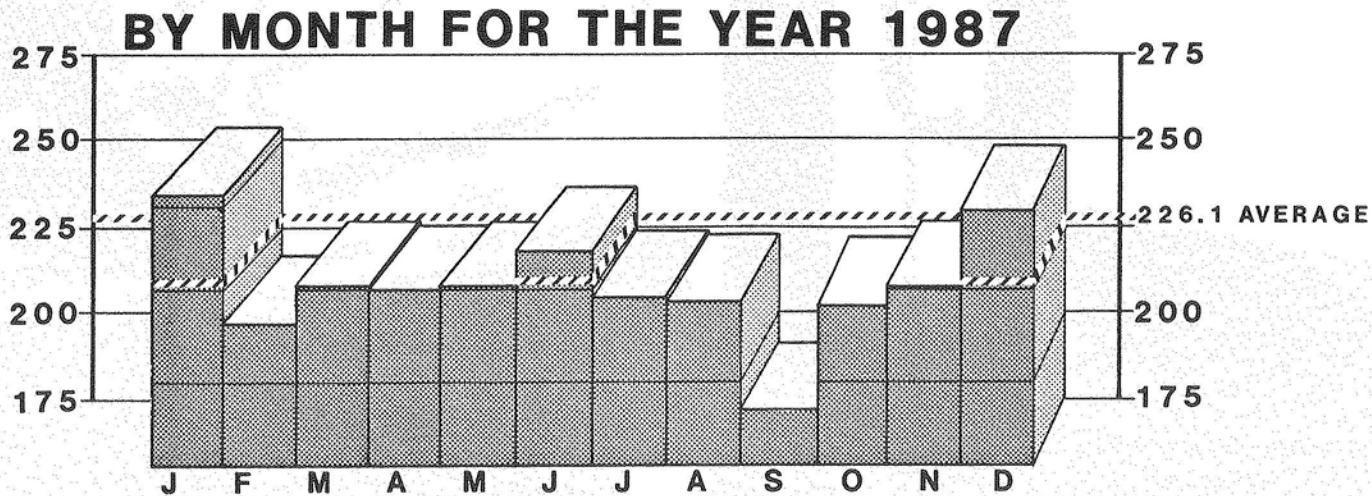


Deaths in Cuyahoga County for 1987 not available at time of publication.

SUMMARY OF CORONER'S CASES



1943 - 1987
TOTAL CASES
39,329



1987
TOTAL CASES
2713

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	101	71	5	13	190	CASES REPORTED – NOT ADMITTED	2628
ACCIDENTS WHILE AT WORK	7	5	1	2	15	AUTOPSIES**	1430
VEHICULAR ACCIDENTS*	79	68	9	25	181	AUTOPSIES(performed for other counties)	53
ACCIDENTS IN OTHER PLACES	195	54	1	7	257	UNIDENTIFIED BODIES	2
HOMICIDES	155	22	5	1	183	UNIDENTIFIED FOETUSES	1
SUICIDES	85	88	6	8	187	IDENTIFIED AND UNCLAIMED BODIES	31
VIOLENCE OF UNDETERMINED ORIGIN	11	8	1	1	21	DEATHS IN CUYAHOGA COUNTY	N.A.
TOTAL VIOLENT DEATHS	633	316	28	57	1034		
NATURAL CAUSES	982	679	12		1673		
NEONATAL & INTRA-UTERINE DEATH			1		1		
ABORTIONS					0		
UNDETERMINED CAUSES	2	3			5		
TOTAL CASES REPORTED AND ADMITTED	1617	998	41	57	2713		

* Vehicular Accidents, Summary Tables 1,2,4,6 and 8 are tabulated by date of death reflecting fatalities received in 1987.

** Includes 99 autopsies performed at hospitals.

N.A. - 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	12	5	6	8	6	10	6	4	8	7	11	11	7	5	7	4	8	8	8	5	9	16	9	93	97	190
ACCIDENTS WHILE AT WORK			1						1		3		1				4		3		1		1		15		15
VEHICULAR ACCIDENTS	13	2	16	3	6	4	14	6	5	2	14	5	12	2	8	5	11	2	9	5	13	4	14	6	135	46	181
ACCIDENTS IN OTHER PLACES	15	7	5	4	13	8	4	8	14	16	21	8	20	9	10	14	11	8	12	10	9	8	11	12	145	112	257
HOMICIDE	12	7	11	1	13	7	10	7	10	4	12	4	6	1	10	6	12	1	14	6	12	7	9	1	131	52	183
SUICIDE	18	5	9	4	9	4	13	3	8	4	13	5	15	7	11	3	9	1	11	3	14	2	14	2	144	43	187
VIOLENCE OF UNDETERMINED ORIGIN	1	4	1			1	1			2	1	1			2		1	2		2	1	1			8	13	21
NATURAL CAUSES	100	46	95	54	88	59	99	44	87	59	81	50	60	72	91	50	82	35	79	50	85	54	89	64	1036	637	1673
ABORTIONS																											0
NEONATAL AND INTRA-UTERINE DEATHS									1																1		1
UNDETERMINED CAUSES		1	1							1									1		1				1	4	5
GRAND TOTAL	169	84	144	72	137	89	151	74	130	96	152	84	125	98	137	85	134	57	136	85	140	86	154	94	1709	1004	2713

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	9	5	3	4	5	3	7	2	3	5	7	6	10	3	4	5	3	5	5	4	5	6	11	3	72	51	123
ACCIDENTS WHILE AT WORK			1						1		2		1				3		3		1		1		13		13
VEHICULAR ACCIDENTS	13	2	15	2	6	4	13	6	5	2	14	4	10	3	9	5	11	1	9	6	13	3	14	7	132	45	177
ACCIDENTS IN OTHER PLACES	2	1	3	1	7	3	1		3	5	12	1	6	2	3	1	6		5	4	5	2	4	2	57	22	79
HOMICIDE	11	6	11	2	13	7	11	7	10	4	12	3	6	2	10	6	12	1	14	5	11	8	9	1	130	52	182
SUICIDE	19	5	9	4	8	4	13	3	8	4	12	4	15	8	11	1	9	3	11	2	13	3	15	2	143	43	186
VIOLENCE OF UNDETERMINED ORIGIN	1	4	1		1	1			2	1	1				2		1	2		1	1				8	11	19
NATURAL CAUSES	25	15	30	18	24	17	31	14	32	18	20	13	26	20	29	15	28	14	33	16	33	17	34	24	345	201	546
ABORTIONS																											0
NEONATAL AND INTRA-UTERINE DEATHS									1																1		1
UNDETERMINED CAUSES		1	1						1										1		1				1	4	5
GRAND TOTAL	80	39	74	31	63	39	77	32	63	41	80	32	74	38	68	33	73	26	80	39	82	40	88	39	902	429	1331

TOTAL CASES BY AGE GROUPS AND TYPE OF FATALITY

TABLE 4

TYPE OF FATALITY	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
ACCIDENTS:																																										
IN THE HOME		2	4	6	3	2	1		4		5	1	5		5	4	6	5	7	2	2	3	7	2	3	3	2	3	6	4	9	5	8	10	16	45	93	97	190			
WHILE AT WORK													4		2		3		2					1		2										1		15		15		
VEHICULAR			1	3	4	1	5	1	14	4	23	5	27	9	13	5	8	1	4	2	1	1	3	1	5	1	11	2	7	1	4	1	3	1	2	7	135	46	181			
IN OTHER PLACES	7	5	3	1	2	1	2	1	3	1	4	2	5	3	4	2	7	5	8		4	3	5	2	8	10	21	6	18	19	12	14	13	9	19	28	145	112	257			
HOMICIDE	3	3		3	3	2	6		13	3	17	6	22	13	31	4	10	4	13	1	3	1	4	1	3	3	2	2		1		3		1	1	1	131	52	183			
SUICIDE							3		4	1	16	1	18	5	15	4	14	8	10	3	7	3	8	1	14	2	14	4	4	2	8	4	4	4	5	1	144	43	187			
VIOLENCE OF UNDETERMINED ORIGIN		1	1	1				1			3		2	1			2	1	2		2			1			2	1										8	13	21		
NATURAL CAUSES	39	30	2	5	4		3	2	2	1	5	1	10	9	18	11	29	20	42	19	49	23	70	24	118	31	140	61	160	90	115	74	116	88	114	148	1036	637	1673			
ABORTIONS																																										0
NEONATAL AND INTRA-UTERINE DEATHS	1																																						1		1	
UNDETERMINED CAUSES				1							1	1										1				1													1	4	5	
GRAND TOTAL	50	41	11	20	16	6	20	5	40	10	74	17	93	40	88	30	77	45	87	29	66	37	98	32	153	51	190	80	196	117	148	101	144	113	158	230	1709	1004	2713			

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				
ACCIDENTS:																																										
IN THE HOME		1	4	6	3	2	1		4		5	1	5		5	3	6	5	6	2	2	3	4	2	3	3	2	3	6	1	5	3	4	3	7	13	72	51	123			
WHILE AT WORK												4		2		3		1					1		1											1		13		13		
VEHICULAR			1	3	4	1	5	1	14	4	22	5	27	9	13	5	7	1	4	2	1	1	3	1	5	1	10	1	7	1	4	1	3	1	2	7	132	45	177			
IN OTHER PLACES	1	1	2		2	1	2	1	3		4	2	3	2	4		5	1	5		4	1	1		2	1	4		2	4	3	4	4	1	6	3	57	22	79			
HOMICIDE	3	3		3	3	2	6		13	3	17	6	21	13	31	4	10	4	13	1	3	1	4	1	3	3	2	2		1		3		1	1	1	130	52	182			
SUICIDE							3		4	1	16	1	18	5	15	4	15	8	10	3	7	3	8	1	13	2	14	4	4	2	7	4	4	4	5	1	143	43	186			
VIOLENCE OF UNDETERMINED ORIGIN		1	1	1				1			3		2	1				2	1	2		1		1				1	1									8	11	19		
NATURAL CAUSES	37	28	1	4	4		3	2	1	1	4	1	9	7	16	11	25	16	32	15	37	16	40	12	25	10	30	14	25	15	25	15	15	10	16	24	345	201	546			
ABORTIONS																																										0
NEONATAL AND INTRA-UTERINE DEATHS	1																																						1		1	
UNDETERMINED CAUSES				1							1	1										1				1													1	4	5	
GRAND TOTAL	42	34	9	18	16	6	20	5	39	9	72	17	89	37	86	27	71	37	72	25	54	27	61	18	52	21	62	25	45	24	44	30	30	20	38	49	902	429	1331			

GEOGRAPHICAL LOCATION - ALL FATALITIES SUMMARY

CITIES	VIOLENT DEATHS										TABLE 6					GRAND TOTAL
	ACCIDENTS					OTHER VIOLENCE										
	IN THE HOME	WHILE AT WORK	VEHICULAR	IN OTHER PLACES	TOTAL ACCIDENTS	HOMICIDE	SUICIDE	UNDETERMINED ORIGIN	TOTAL OTHER VIOLENCE	TOTAL ALL VIOLENCE	NATURAL CAUSES	ABORTIONS	LIVE BIRTH AND FOETAL DEATH	UNDETERMINED CAUSES	TOTAL	
Cleveland	101	7	79	195	382	155	85	11	251	633	982		2	984	1617	
Bay Village	1			1	2		2		2	4	1			1	5	
Beachwood	1				1		1		1	2	2			2	4	
Bedford	3	1	2	1	7	1	3	1	5	12	25			25	37	
Bedford Heights	3				3	1	3		4	7	4			4	11	
Berea	2		1		3		3		3	6	10			10	16	
Brecksville				1	1		2		2	3					3	
Broadview Heights			3		3		1		1	4	2			2	6	
Brooklyn	1		3	1	5		3		3	8	3			3	11	
Brook Park	1		2		3	1	4		5	8	9			9	17	
Cleveland Heights	9		4	3	16	1	1		2	18	14			14	32	
East Cleveland	3		7	4	14	5	1	2	8	22	86			86	108	
Euclid	7	1	6	7	21	2	7		9	30	73			73	103	
Fairview Park	1	1	3		5	1	2	1	4	9	4			4	13	
Garfield Heights	1		1	2	4	2	3		5	9	50		1	51	60	
Highland Heights			1		1					1					1	
Independence	3		3	1	7	1	1	1	3	10	5			5	15	
Lakewood	6		1	5	12		7		7	19	27			27	46	
Lyndhurst			1		1		2		2	3					3	
Maple Heights	2		1	2	5	2	3	1	6	11	9			9	20	
Mayfield Heights	4		1	4	9		1		1	10	43			43	53	
Middleburg Heights				3	3		1	1	2	5	50		2	52	57	
North Olmsted	1				1	1	1	1	3	4	6			6	10	
North Royalton	3		2		5		1		1	6	8			8	14	
Olmsted Falls											1			1	1	
Parma	4	2	6	3	15		8		8	23	94			94	117	
Parma Heights	4		1	1	6		6		6	12	4			4	16	
Pepper Pike							3		3	3	1			1	4	
Richmond Heights				1	1		1		1	2	14			14	16	
Rocky River	2		7	2	11		1		1	12	8			8	20	
Seven Hills	2				2		2		2	4	2			2	6	
Shaker Heights	2		2	2	6	1	1		2	8	11			11	19	
Solon			3		3		1		1	4	14			14	18	
South Euclid	2			1	3		3		3	6	10			10	16	
Strongsville	1		4		5	1	3		4	9	5			5	14	
University Heights	1			1	2		3		3	5	3			3	8	
Warrensville Heights	1		1	5	7	2	1		3	10	50			50	60	
Westlake			2	3	5		2		2	7	31			31	38	
GRAND TOTAL	172	12	147	249	580	177	173	19	369	949	1661		5	1666	2615	

GEOGRAPHICAL LOCATION - ALL FATALITIES SUMMARY

VILLAGES AND TOWNSHIPS	VIOLENT DEATHS										NATURAL CAUSES	ABORTIONS	LIVE BIRTH AND FOETAL DEATH	UNDETERMINED CAUSES	TOTAL	GRAND TOTAL	
	ACCIDENTS					OTHER VIOLENCE											
	IN THE HOME	WHILE AT WORK	VEHICULAR	IN OTHER PLACES	TOTAL ACCIDENTS	HOMICIDE	SUICIDE	UNDETERMINED ORIGIN	TOTAL OTHER VIOLENCE	TOTAL ALL VIOLENCE							
VILLAGES:																	
Bentleyville																	0
Bratenahl	1				1					1							1
Brooklyn Heights																	0
Chagrin Falls	1				1					1							1
Cuyahoga Heights			2		2		2		2	4	1		1		2		6
Gates Mills																	0
Glenwillow						2			2	2							2
Hunting Valley																	0
Linndale																	0
Mayfield											1					1	1
Moreland Hills	1				1			1	1	2							2
Newburgh Heights			1		1		1		1	2							2
North Randall		1		1	2	1			1	3	2				2		5
Oakwood			1		1					1	2				2		3
Orange																	0
Valley View							3		3	3							3
Walton Hills						1			1	1	1				1		2
Woodmere	1		1		2					2							2
TOTAL	4	1	5	1	11	4	6	1	11	22	7		1		8		30
TOWNSHIPS:																	
Chagrin Falls																	0
Olmsted	1		2		3	1			1	4	3				3		7
Riveredge																	0
Warrensville			1		1					1	2				2		3
TOTAL	1		3		4	1			1	5	5				5		10

TABLE 7

GEOGRAPHICAL LOCATION - ALL FATALITIES SUMMARY

TOTALS	VIOLENT DEATHS										TABLE 7A					
	ACCIDENTS					OTHER VIOLENCE										
	IN THE HOME	WHILE AT WORK	VEHICULAR	IN OTHER PLACES	TOTAL ACCIDENTS	HOMICIDE	SUICIDE	UNDETERMINED ORIGIN	TOTAL OTHER VIOLENCE	TOTAL ALL VIOLENCE	NATURAL CAUSES	ABORTIONS	LIVE BIRTH AND FOETAL DEATH	UNDETERMINED CAUSES	TOTAL	GRAND TOTAL
CITIES	172	12	147	249	580	177	173	19	369	949	1661	0	0	5	1666	2615
VILLAGES	4	1	5	1	11	4	6	1	11	22	7	0	1	0	8	30
TOWNSHIPS	1	0	3	0	4	1	0	0	1	5	5	0	0	0	5	10
OUT OF COUNTY	13	2	25	7	47	1	8	1	10	57	0	0	0	0	0	57
TURNPIKE			1		1					1						1
GRAND TOTAL	190	15	181	257	643	183	187	21	391	1034	1673	0	1	5	1679	2713

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	10	1		2	22							8	5				2	15	18	4					22	35	19	1				4	59
FEBRUARY	7	3	1			11	1					1	9	6	1	1		2	19	6	2			1	9	23	11	2	1			3	40	
MARCH	6	8				14							7	3					10	17	4				21	30	15						45	
APRIL	11	4			1	16							10	5	1			4	20	9	3				12	30	12	1				5	48	
MAY	7	4			1	12	1					1	3	4				7	20	10					30	31	18				1	50		
JUNE	9	8			1	18	3					3	7	7		1	1	3	19	23	4			2	29	42	19		1	1	6	69		
JULY	10	6		1	1	18		1				1	7	6				1	14	24	5				29	41	18		1		2	62		
AUGUST	5	4	1		2	12							3	6				4	13	15	8			1	24	23	18	1			7	49		
SEPTEMBER	5	4	1		2	12	2	1			1	4	4	5		1		3	13	15	3	1			19	26	13	2	1		6	48		
OCTOBER	8	8				16		2			1	3	3	7	2			2	14	19	2			1	22	30	19	2			4	55		
NOVEMBER	6	6			2	14			1			1	7	8				2	17	12	4			1	17	25	18	1			5	49		
DECEMBER	18	6			1	25		1				1	11	6	1			2	20	17	5			1	23	46	18	1			4	69		
TOTAL	101	71	4	1	13	190	7	5	1		2	15	79	68	5	3	1	25	181	195	54	1		7	257	382	198	11	4	1	47	643		

HOMICIDES, SUICIDES, VIOLENCE OF UNDETERMINED ORIGIN

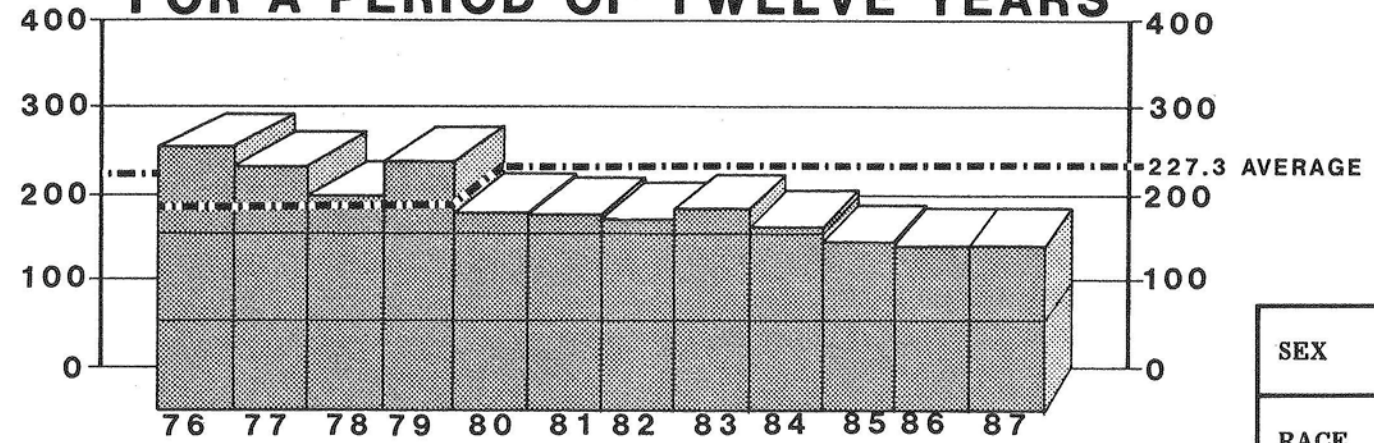
FATALITIES BY MONTH

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	15	4				19	10	11	1		1	23	4	1				5	29	16	1		1	47
FEBRUARY	12					12	7	6				13	1					1	20	6				26
MARCH	18	1		1		20	8	3	1		1	13		1				1	26	5	1	1	1	34
APRIL	16	1				17	4	9	2		1	16	1					1	21	10	2		1	34
MAY	14					14	6	5	1			12		1	1			2	20	6	2			28
JUNE	15	1				16	10	7			1	18		1			1	2	25	9			2	36
JULY	5	1	1			7	11	10			1	22						0	16	11	1		1	29
AUGUST	13	1	1		1	16	7	5			2	14		2				2	20	8	1		3	32
SEPTEMBER	9	4				13	4	6				10	2	1				3	15	11				26
OCTOBER	14	4	2			20	9	5				14	2					2	25	9	2			36
NOVEMBER	16	3				19	4	11	1			16	1	1				2	21	15	1			37
DECEMBER	8	2				10	5	10			1	16						0	13	12			1	26
TOTAL	155	22	4	1	1	183	85	88	6		8	187	11	8	1		1	21	251	118	11	1	10	391

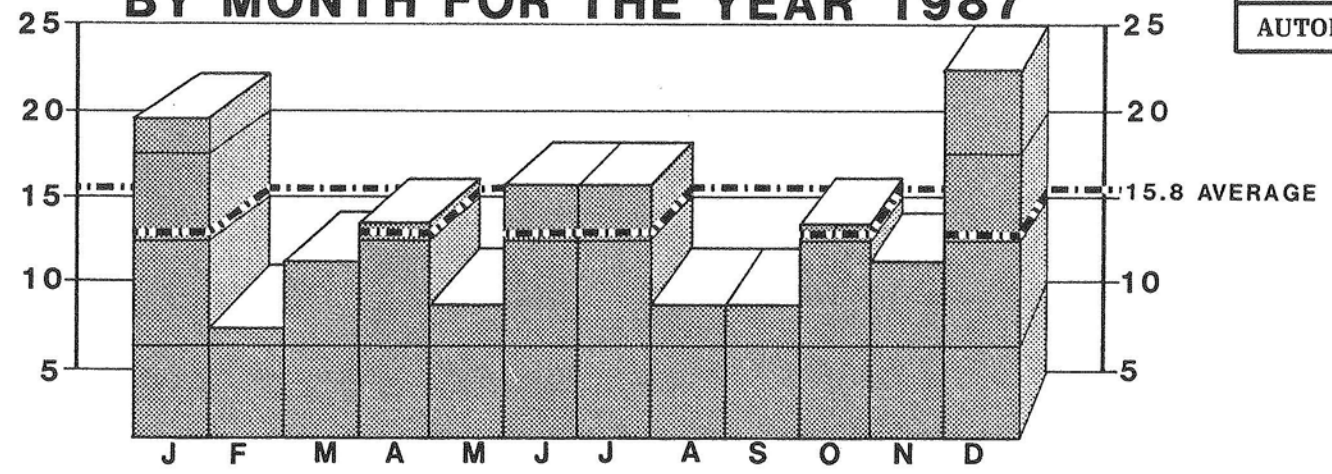
ACCIDENTS IN THE HOME

FOR A PERIOD OF TWELVE YEARS



		NUMBER	PERCENT
SEX	MALE	93	49
	FEMALE	97	51
RACE	WHITE	136	72
	NON-WHITE	54	28
ALCOHOL	TESTED	111	58
	POSITIVE	15	14
AUTOPSY	AUTOPSIED	123	65

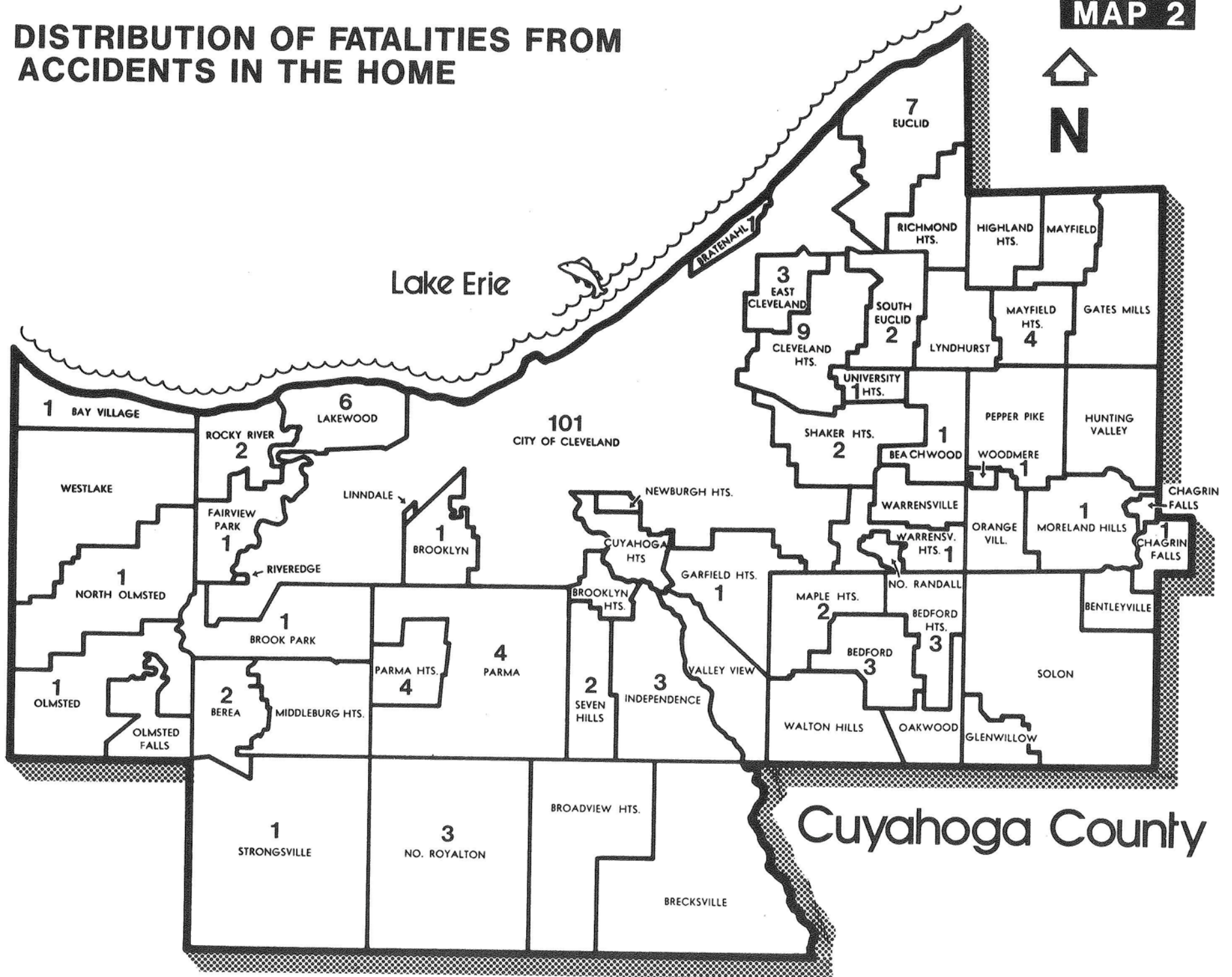
BY MONTH FOR THE YEAR 1987



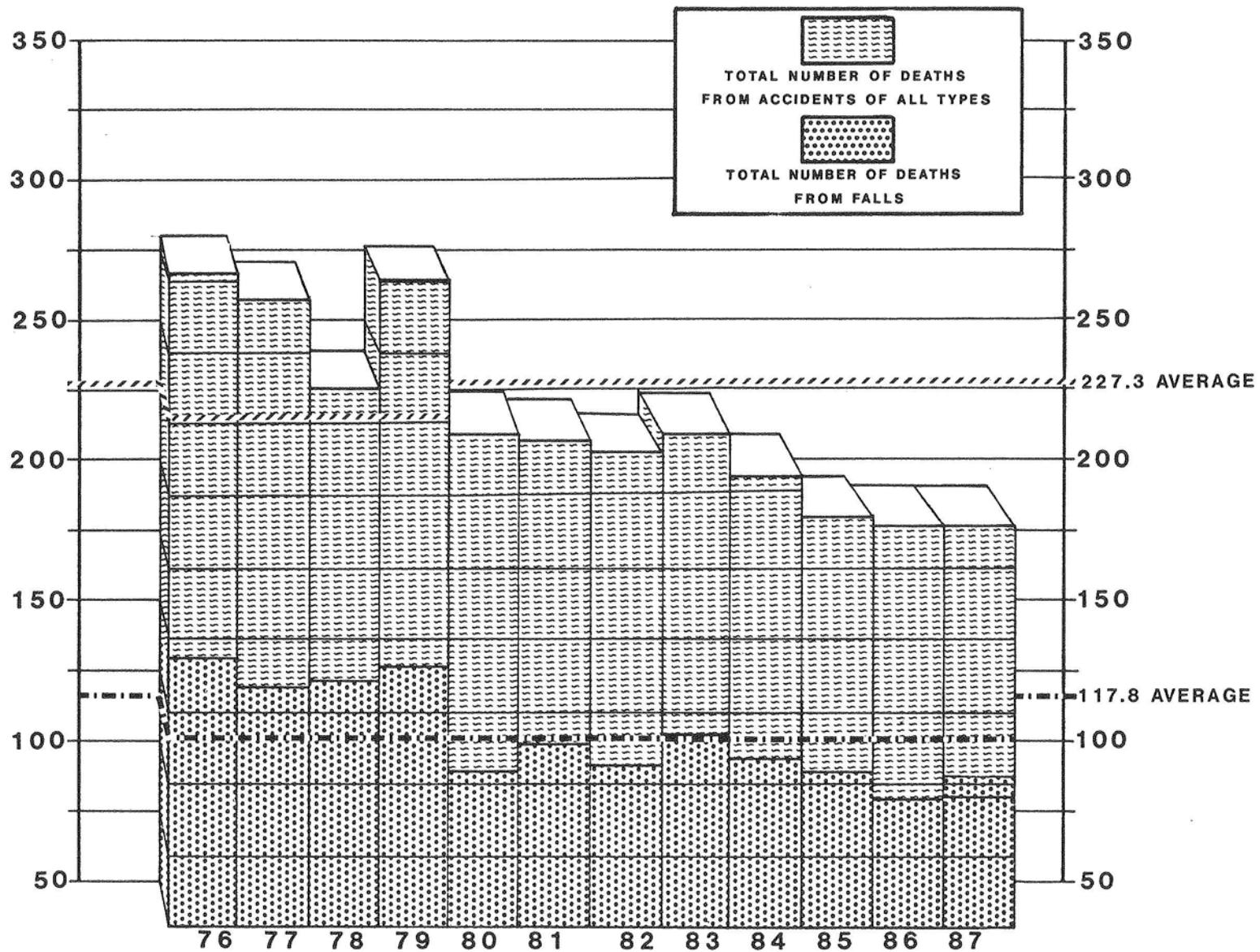
1987
TOTAL CASES
190

DISTRIBUTION OF FATALITIES FROM ACCIDENTS IN THE HOME

MAP 2



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	Total		Cleve.				County				Out of County				NOT TESTED						TESTED						STAGES											
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
		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											
JANUARY	22	10	12	6	3	3	8	1	1	4	5	4	2	1	2	6	7	6	7																				
FEBRUARY	11	5	6	2	5	3	1			4	2	4	1		1	1	4	1	3		1												1						
MARCH	14	8	6	4	2	4	4			3	4	2	4		1	5	2	4	1	1	1				1						1								
APRIL	16	10	6	7	4	3	1		1	3	4	3	3			7	2	5	2	2						1					1								
MAY	12	4	8	3	4	1	3		1	1	3	1	3			3	5	2	4	1	1		1			1													
JUNE	18	7	11	4	5	2	6	1		4	6	3	6		1	3	5	2	5	1											1								
JULY	18	11	7	8	2	2	5	1		1	3		3		1	10	4	9	4	1		1																	
AUGUST	12	5	7	3	2	2	3		2	1	5	1	5			4	2	4	2																				
SEPTEMBER	12	4	8	2	3	2	3		2	3	4	3	4			1	4	1	4																				
OCTOBER	16	8	8	2	6	6	2			3	2	3	2			5	6	3	6	2			1			1													
NOVEMBER	14	5	9	2	4	2	4	1	1	2	4	1	2		1	2	3	5	2	5	1			1															
DECEMBER	25	16	9	13	5	2	4	1		3	5	3	5			13	4	10	4	3			1	1											1				
TOTAL	190	93	97	56	45	32	44	5	8	32	47	28	40		1	4	6	61	50	49	47	12	3	1	1	2		3	1	2			3	1	1				

FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

AGE AND RACE - ALCOHOL INCIDENCE

TABLE 11

AGE	RACE	TOTAL	NOT TESTED										TESTED						STAGES															
			Total		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over			
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 Year	White	2		2		1				1				1		1																		
	Non-White																																	
1 - 4	White	5	1	4							1	4	1	4																				
	Non-White	5	3	2							3	2	3	2																				
5 - 9	White	2	1	1							1	1	1	1																				
	Non-White	3	2	1							2	1	2	1																				
10 - 14	White																																	
	Non-White	1	1								1	1																						
15 - 19	White	2	2								2	2																						
	Non-White	2	2								2	2																						
20 - 24	White	3	3								3	1	2				1				1													
	Non-White	3	2	1	1		1			1	1		1	1														1						
25 - 29	White	4	4								4	1	3		1	1			1															
	Non-White	1	1							1	1																							
30 - 34	White	4	2	2							2	2	1	2	1					1														
	Non-White	5	3	2		1		1			3	1		1	3				1								1		1					
35 - 39	White	8	5	3							5	3	4	3	1												1							
	Non-White	3	1	2							1	2		1	1	1					1	1												
40 - 44	White	3	2	1	1		1			1	1	1	1																					
	Non-White	6	5	1							5	1	5			1	1																	
45 - 49	White	2	1	1							1	1	1	1																				
	Non-White	3	1	2		1		1			1	1	1	1																				
50 - 54	White	7	5	2	3		2		1			2	2	2	2																			
	Non-White	2	2									2	2																					
55 - 59	White	5	3	2	1		1					2	2	2	2																			
	Non-White	1	1									1	1																					
60 - 64	White	4	1	3	1	1	1	1					2		1	1												1						
	Non-White	1	1		1		1																											
65 - 69	White	8	5	3	1	2	1	2			4	1	4	1																				
	Non-White	2	1	1		1		1			1		1																					
70 - 74	White	10	6	4	5	1	5	1			1	3	1	3																				
	Non-White	4	3	1	3	1	3	1																										
75 - 79	White	16	7	9	4	5	3	4		1	1	3	4	3	4																			
	Non-White	2	1	1	1		1						1		1																			
80 - over	White	51	12	39	9	30	8	26		1	4	3	9	3	9																			
	Non-White	10	4	6	1	3		2		1	1	3	3	3	3																			
TOTAL	White	136	60	76	25	40	22	34		1	3	5	35	36	28	35	7	1	1		2							1	1					
	Non-White	54	33	21	7	7	6	6			1	1	26	14	21	12	5	2		1			1	1	1			2		1				
GRAND TOTAL		190	93	97	32	47	28	40		1	4	6	61	50	49	47	12	3	1	1	2		3	1	2			3	1	1				

FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

MODE - ALCOHOL INCIDENCE

TABLE 12

MODE	TOTAL	NOT TESTED												TESTED						STAGES																	
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
ASPHYXIA	7	3	4	1	2	2	1		1									3	4	3	4																
BURNING	12	4	8	4	6		1		1	1	4	1	3			1		3	4	2	4	1				1											
CARBON MONOXIDE	24	15	9	12	5	2	3	1	1		1		1				15	8	13	8	2												2				
CRUSHING	1		1						1									1		1																	
EXPOSURE	2	1	1	1			1										1	1	1	1																	
FALLING	102	44	58	18	21	22	34	4	3	29	39	26	34		3	5	15	19	15	18		1											1				
POISONING	34	20	14	16	10	4	4			2	2	1	2		1		18	12	11	10	7	2		1	2		2	1	1			1		1			
SHOOTING	5	4	1	3	1	1											4	1	2	1	2		1					1									
OTHER*	3	2	1	1		1			1		1				1		2		2																		
TOTAL	190	93	97	56	45	32	44	5	8	32	47	28	40		1	4	6	61	50	49	47	12	3	1	1	2		3	1	2			3	1	1		

* Coronary episode during a fire, Canine attack and Ingestion of foreign metallic body.

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		2					1				1			1																					3	4	7
BURNING				1							1	1							1						1	1	1	1	1						3	4	8	12	
CARBON MONOXIDE			3	2	3	2	1		2		1				1					1		1	1	1	1	1			1	1					15	9	24		
CRUSHING				1																																	1	1	
EXPOSURE																																				1	1	2	
FALLING			1							1					1	1	2		1	1	4		1		2	1	3	3	8	3	6	10	14	39	44	58	102		
POISONING										2		2		5	3	3	4	4	2	1	1	2	1	1	1									2	20	14	34		
SHOOTING								1		1		1						1																		4	1	5	
OTHER		1																																1		2	1	3	
TOTAL		2	4	6	3	2	1		4		5	1	5		5	4	6	5	7	2	2	3	7	2	3	3	2	3	6	4	9	5	8	10	16	45	93	97	190

FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

FALLS - ALCOHOL INCIDENCE

TABLE 16

FALLS BY CODE*	TOTAL	NOT TESTED										TESTED						STAGES												
		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
E 880 - From Stairs	23	13	10	10	3	9	3			1		3	7	3	6		1											1		
E 881 - From Ladder	5	5		1						1		4		4																
E 882 - From Building or Other Structure	3	3										3		3																
E 884 - From One Level to Another																														
Bed	7	2	5	2	5	1	5			1																				
Chair	1		1		1		1																							
Geri-chair	1		1		1		1																							
Tractor	1	1										1		1																
Walker	6	1	5	1	4	1	4						1		1															
Wheelchair	1	1		1		1																								
E 885 - On Same Level	39	14	25	11	19	11	16				3	3	6	3	6															
E 888 - Unspecified	15	4	11	3	6	3	4				2	1	5	1	5															
TOTAL	102	44	58	29	39	26	34			3	5	15	19	15	18		1										1			

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

FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

FALLS - AGE GROUPS

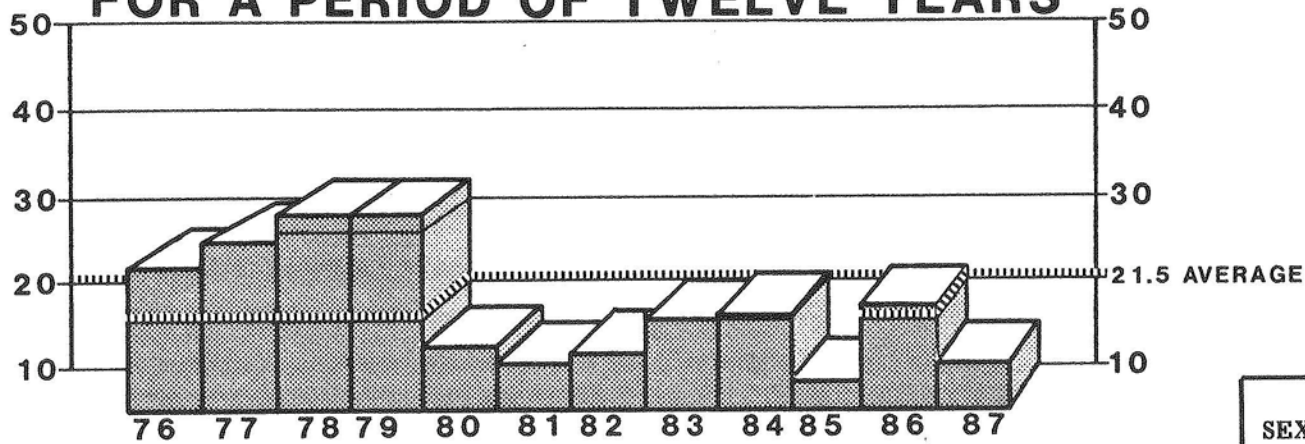
TABLE 17

FALLS BY CODE*	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
E 880 - From Stairs											1								1								1	1	1	1	1		3	2	4	6	13	10	23			
E 881 - From Ladder																					1								1		1		1				5		5			
E 882 - From Building or Other Structure				1																	1		1														3		3			
E 884 - From One Level to Another																																										
Bed																																										
Chair																																										
Geri-chair																																										
Tractor																		1																								
Walker																																										
Wheelchair																																										
E 885 - On Same Level																																										
E 888 - Unspecified																																										
TOTAL				1														1	1	2		1	1	4		1		2	1	3	3	8	3	6	10	14	39	44	58	102		

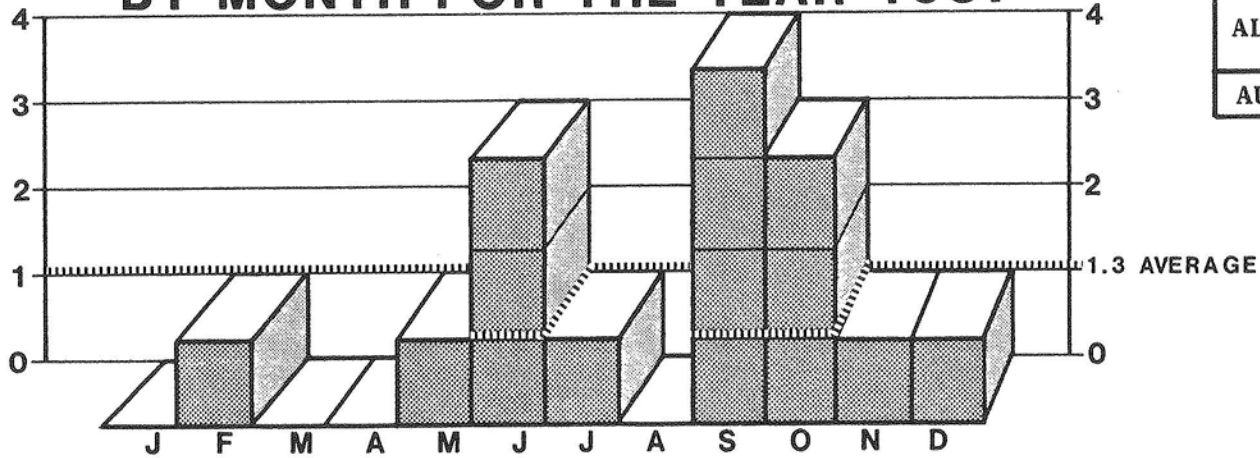
* International Classification of Diseases by World Health Organization: Ninth Revision.

ACCIDENTS WHILE AT WORK

FOR A PERIOD OF TWELVE YEARS



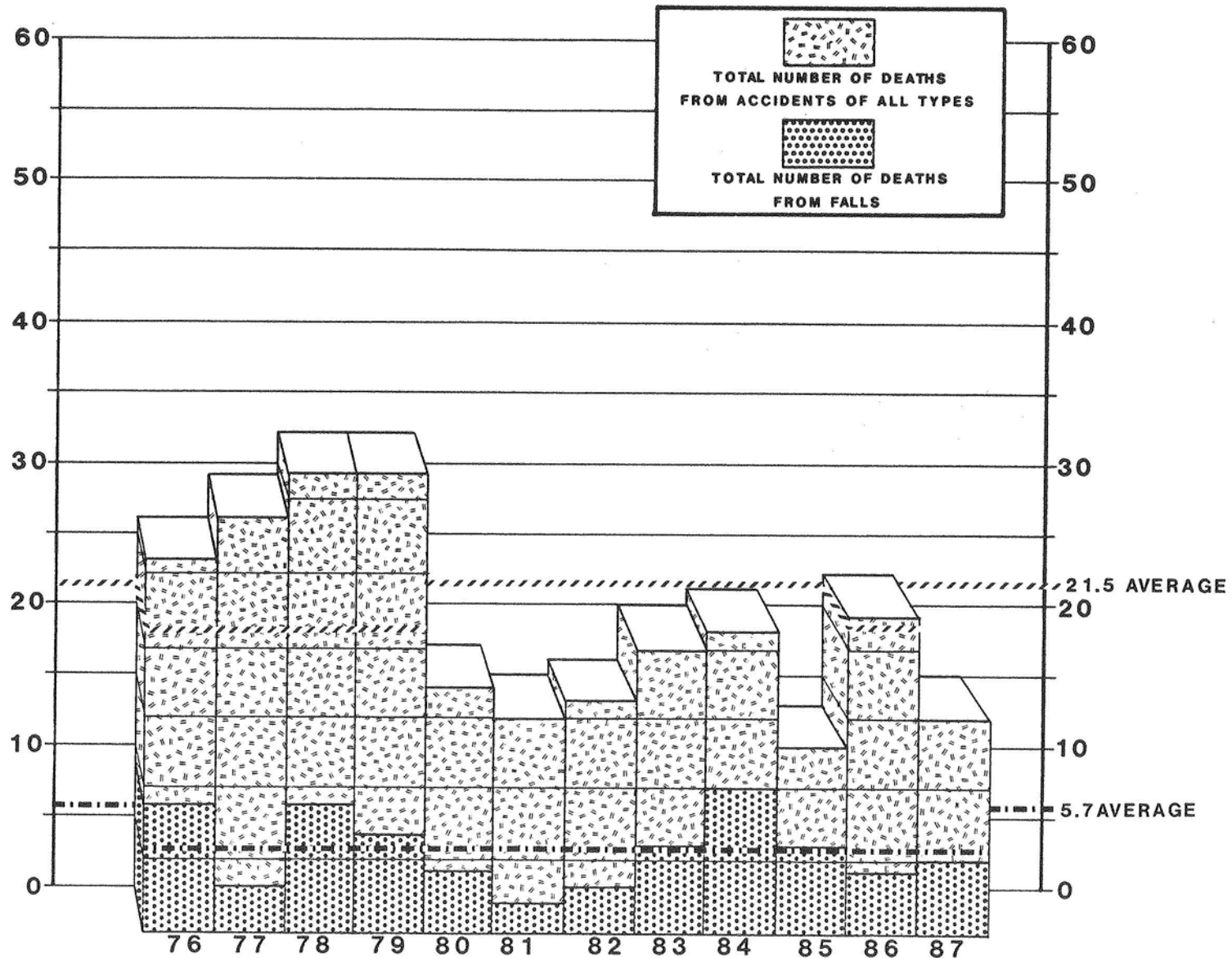
BY MONTH FOR THE YEAR 1987



		NUMBER	PERCENT
SEX	MALE	15	100
	FEMALE	0	0
RACE	WHITE	13	87
	NON-WHITE	2	13
ALCOHOL	TESTED	9	60
	POSITIVE	1	11
AUTOPSY	AUTOPSIED	13	87

1987
TOTAL CASES
15

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



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		1	
BURNING																1			1																			2		2	
CARBON MONOXIDE													1				1																					2		2	
CRUSHING																				1																	1		1		
ELECTROCUTION													1																									1		1	
FALLING															1		1						1		1												4		4		
STRUCK BY OBJECT													1		1																							2		2	
OTHER																																					1		2		2
TOTAL													4		2		3		2					1		2										1		15		15	

FALLS - ALCOHOL INCIDENCE

TABLE 23

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

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

FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

FALLS - AGE GROUPS

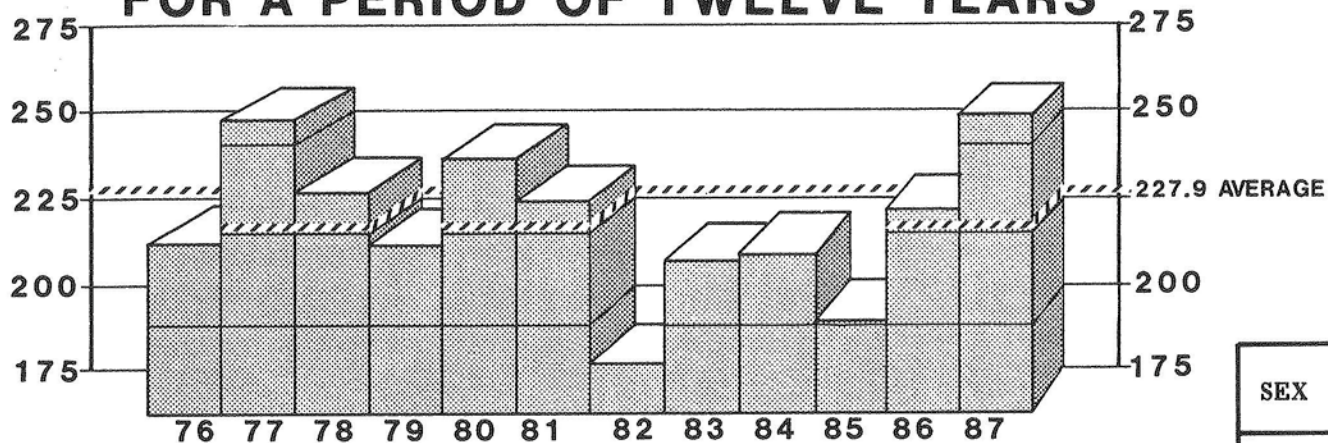
TABLE 24

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

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

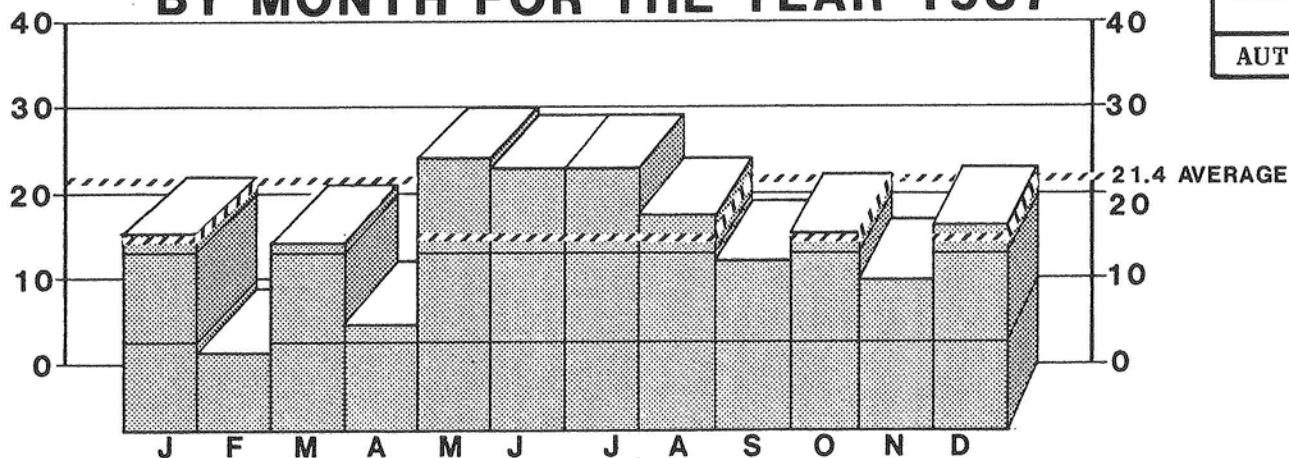
ACCIDENTS IN OTHER PLACES

FOR A PERIOD OF TWELVE YEARS



		NUMBER	PERCENT
SEX	MALE	145	56
	FEMALE	112	44
RACE	WHITE	207	81
	NON-WHITE	50	19
ALCOHOL	TESTED	76	30
	POSITIVE	19	25
AUTOPSY	AUTOPSIED	79	31

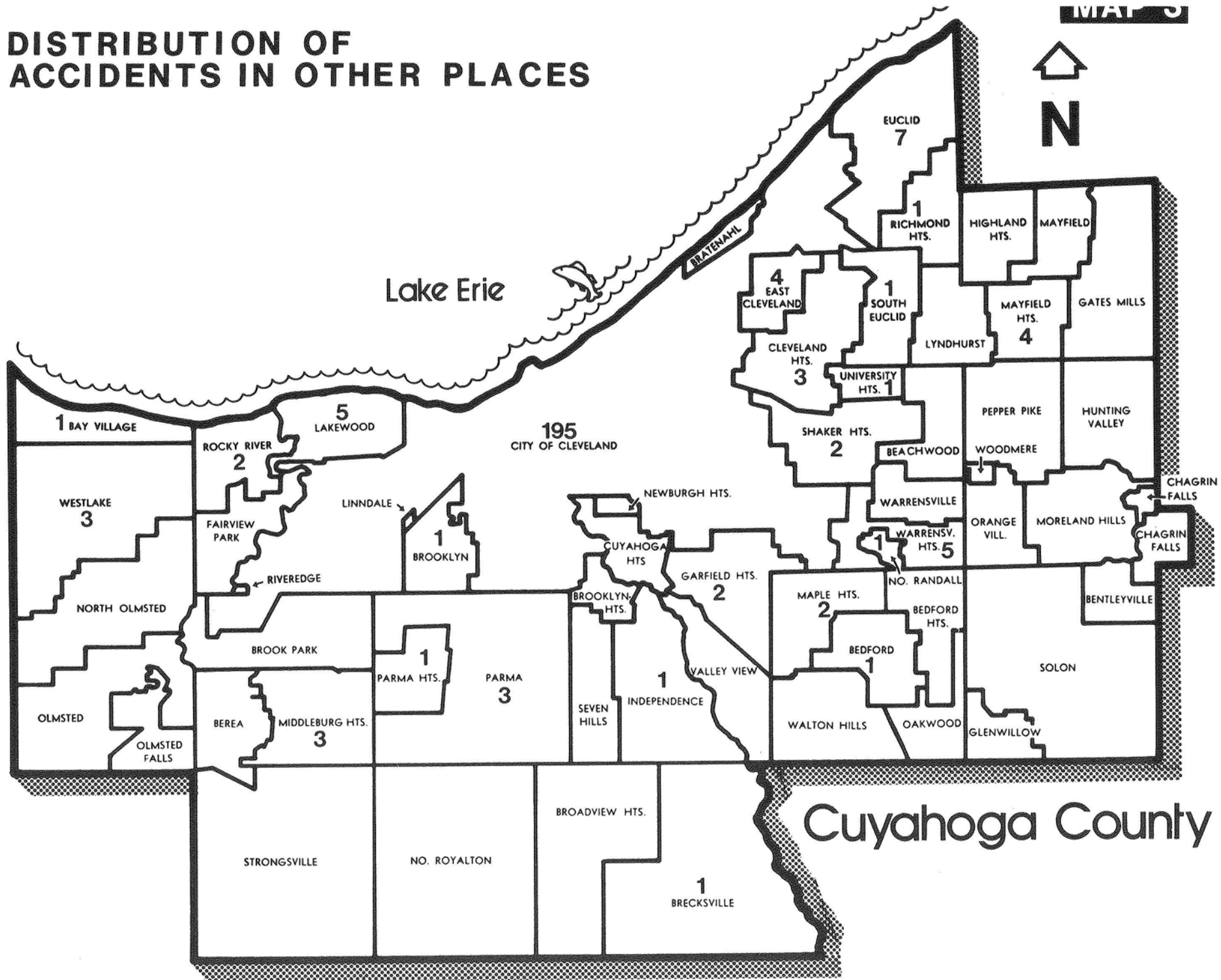
BY MONTH FOR THE YEAR 1987



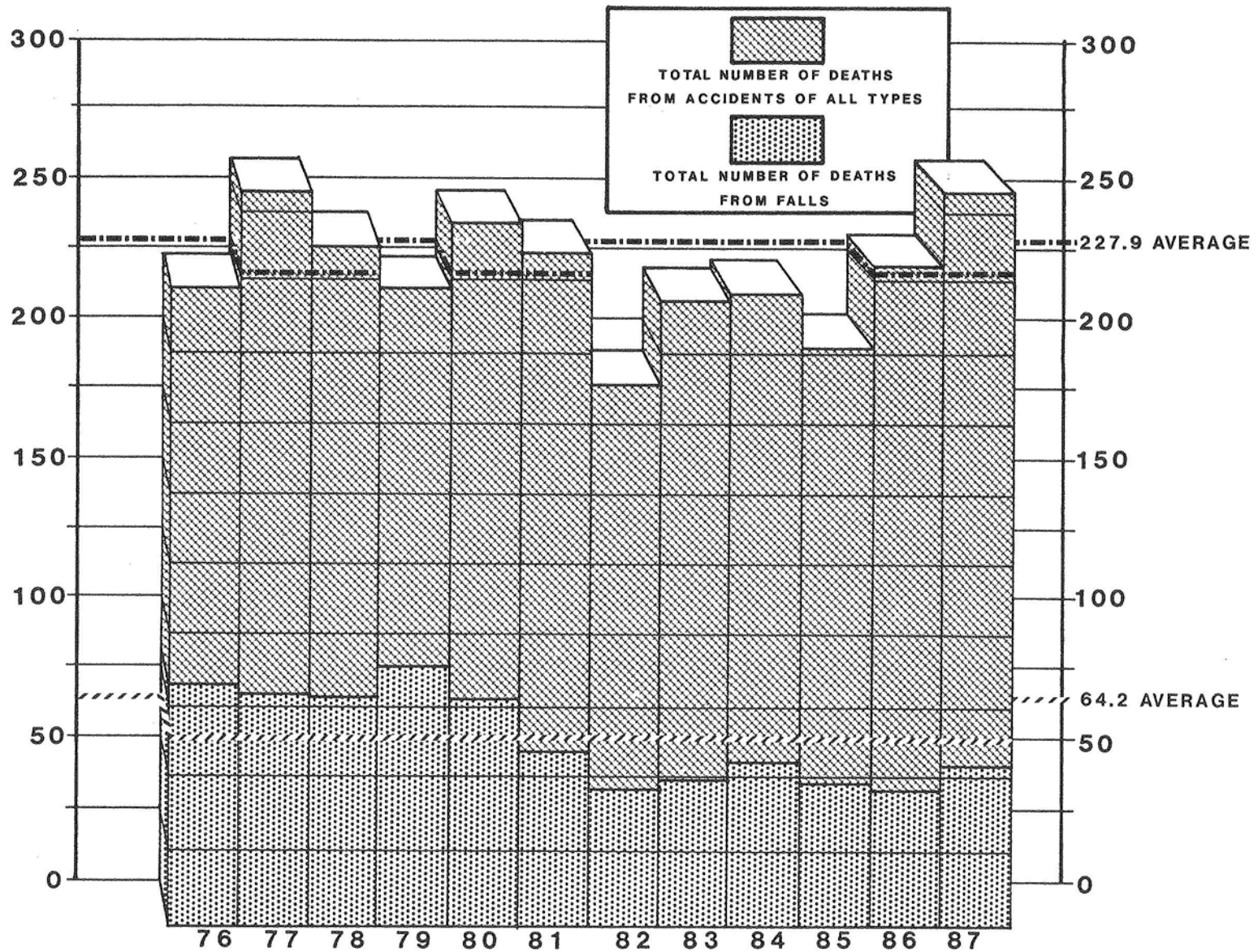
1987
TOTAL CASES
257

DISTRIBUTION OF ACCIDENTS IN OTHER PLACES

MAP 3



DEATHS 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	Total		Cleve.				County				Out of County				NOT TESTED						TESTED						STAGES											
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	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			
JANUARY	22	15	7	12	6	3	1			14	5	11	4			3	1	1	2		2	1																	
FEBRUARY	9	5	4	3	3	1	1	1		2	3	1	2		1	1		3	1																				
MARCH	21	13	8	12	5	1	3			9	5	6	5	2		1		4	3	3	3	1									1								
APRIL	12	4	8	3	6	1	2			3	8	3	8					1		1																			
MAY	30	14	16	10	10	4	6			9	12	5	9			4	3	5	4	4	4	1									1								
JUNE	29	21	8	16	7	3	1	2		12	5	8	2	2	1	2	2	9	3	4	3	5		1		1			1								2		
JULY	29	20	9	17	7	3	2			14	6	11	5			3	1	6	3	5	3	1															1		
AUGUST	24	10	14	6	9	4	4		1	6	13	5	11		1	1	1	4	1	3	1	1															1		
SEPTEMBER	19	11	8	9	6	2	2			9	7	7	5		1	2	1	2	1		1	2							1								1		
OCTOBER	22	12	10	11	8		2	1		7	7	5	6			2	1	5	3	3	3	2					1		1										
NOVEMBER	17	9	8	8	4	1	3		1	4	6	1	4			3	2	5	2	2	2	3					1		1		1								
DECEMBER	23	11	12	7	10	3	2	1		6	9	5	6			1	3	5	3	3	3	2			1												1		
TOTAL	257	145	112	114	81	26	29	5	2	95	86	68	67	4	4	23	15	50	26	31	26	19		1		2		3		4		3		1		5			

FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES 77

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
Under 1 Year	White	10	6	4	6	4	4	1	2	3																				
	Non-White	2	1	1							1	1	1	1																
1 - 4	White	3	2	1	2	1	1		1	1																				
	Non-White	1	1		1				1																					
5 - 9	White	1	1								1		1																	
	Non-White	2	1	1							1	1	1	1																
10 - 14	White	1	1								1		1																	
	Non-White	2	1	1							1	1	1	1																
15 - 19	White	3	2	1		1		1																		1			1	
	Non-White	1	1								1		1																	
20 - 24	White	4	3	1							3	1	2	1	1															
	Non-White	2	1	1							1	1	1	1																
25 - 29	White	4	3	1	2	1	2	1																					1	
	Non-White	4	2	2		1					1	2	1		1	2											2			
30 - 34	White	3	1	2	1	2	1	2																					1	
	Non-White	3	3								3		1		2															
35 - 39	White	11	6	5	1	4	1	2			2	5	1	3	1	2														
	Non-White	1	1								1				1															
40 - 44	White	5	5		3		3				2																			
	Non-White	3	3		1		1				2		2																	
45 - 49	White	5	2	3		2		2				2	1	1	1	1														1
	Non-White	2	2								2				2															
50 - 54	White	7	5	2	4	1	1				3	1	1	1	1															
	Non-White																													
55 - 59	White	14	6	8	5	5	5	3			2	1	3		3	1														
	Non-White	4	2	2	1	1		1			1	1	1	1																
60 - 64	White	23	19	4	13	4	7	4			6	6		6																
	Non-White	4	2	2	1	2	1	2				1			1															1
65 - 69	White	34	17	17	15	15	13	11			2	4	2	2	2	2														
	Non-White	3	1	2	1	2	1	2																						
70 - 74	White	20	10	10	10	8	9	7			1	1			2															
	Non-White	6	2	4	2	4	2	3				1																		
75 - 79	White	18	10	8	8	7	4	7			4		2	1	2	1														
	Non-White	4	3	1	2		2						1	1		1	1													1
80 - over	White	41	16	25	13	20	7	17			6	3	3	5	3	5														
	Non-White	6	3	3	3	1	3	1					2		2															
TOTAL	White	207	115	92	83	75	58	58	3	4	22	13	32	17	22	17	10			1	1	2	2	1					3	
	Non-White	50	30	20	12	11	10	9	1		1	2	18	9	9	9	9					1	1	2	2	1			2	
GRAND TOTAL		257	145	112	95	86	68	67	4	4	23	15	50	26	31	26	19			1	2	3	4	3			1		5	

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	18	16	2	11	1	4	1	1		3		3						13	2	6	2	7	1					2		1		1		2			
CARBON MONOXIDE	1	1		1														1			1								1								
ELECTROCUTION	2	2		1				1		1				1				1		1																	
EXPOSURE	5	3	2	3	1		1			1		1					2	2	2	2																	
FALLING	53	27	26	16	10	9	15	2	1	19	21	15	20		4	1	8	5	5	5	3				1								2				
POISONING	12	9	3	7	1	2	1		1	1	1	1				1	8	2	3	2	5				2		2		1								
SHOOTING	2	2		1				1									2		2																		
STRUCK BY OBJECT	1	1		1													1		1																		
THERAPEUTIC COMPLICATION	159	80	79	70	68	10	11			70	64	48	47	3	4	19	13	10	15	10	15																
TRAIN ACCIDENT	2	2		2													2			2							1		1								
OTHERS*	2	2		1		1											2		1		1												1				
TOTAL	257	145	112	114	81	26	29	5	2	95	86	68	67	4	4	23	15	50	26	31	26	19	1	2	3	4	3	1	5	1	5						

* Heart attack during legal intervention and Whiplash while water-skiing.

FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

MODE - AGE GROUPS

TABLE 30

MODE	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
ASPHYXIA					2	1	2	1	2		1				1				2		1				1		2		1				1					16	2	18
CARBON MONOXIDE													1																								1		1	
ELECTROCUTION			1																									1										2		2
EXPOSURE													1					1									1							1	1		3	2	5	
FALLING											1	1		1		1		2		1		1		1		1		4	3	1	4	4	12	15		27	26	53		
POISONING										1	1		1	1		6	1			1																	9	3	12	
SHOOTING								1		1																												2		2
STRUCK BY OBJECT											1																											1		1
THERAPEUTIC COMPLICATION	7	5	2	1						1			2	1	1	2		4	3			3	4	2	6	10	19	5	14	15	9	13	7	5	6	12	80	79	159	
TRAIN ACCIDENT												1									1																	2		2
OTHERS																											1				1							2		2
TOTAL	7	5	3	1	2	1	2	1	3	1	4	2	5	3	4	2	7	5	8		4	3	5	2	8	10	21	6	18	19	12	14	13	9	19	28	145	112	257	

FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

FALLS - ALCOHOL INCIDENCE

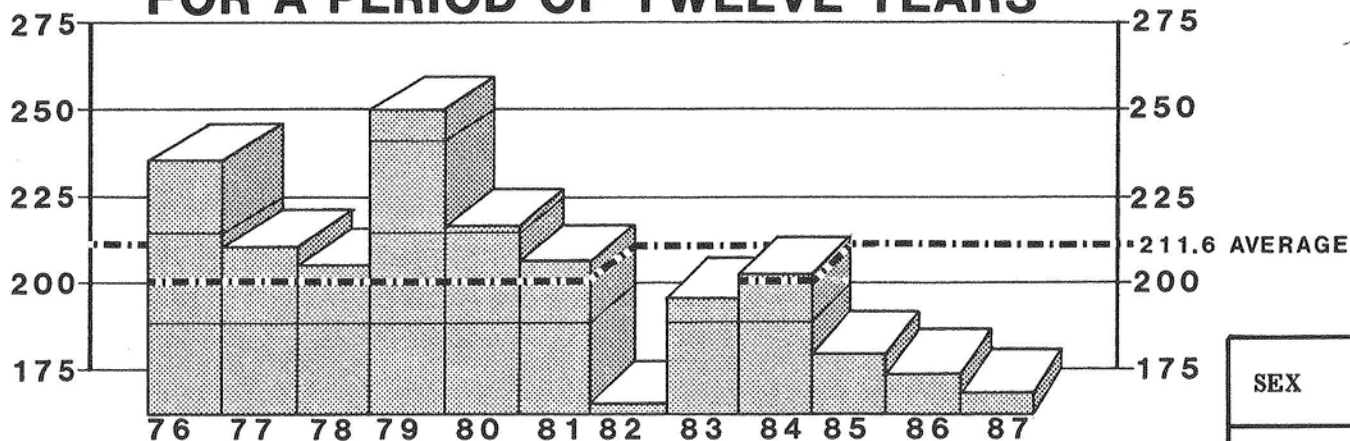
TABLE 31

FALLS BY CODE*	TOTAL	NOT TESTED										TESTED				STAGES															
		Total		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
E 880 - From Stairs	6	5	1	3	1	2	1			1		2		2																	
E 881 - From Ladder	1	1		1		1																									
E 882 - From Bridge	1	1										1			1														1		
E 884 - From One Level to Another																															
Bed	5	3	2	3	2	2	1			1	1																				
Chair	1		1		1		1																								
Cliff	1	1										1			1														1		
Commode	1		1		1		1																								
Walker	1	1		1		1																									
Wheelchair	1		1		1		1																								
X-Ray Table	1	1		1		1																									
E 885 - On Same Level	24	11	13	9	11	7	11			2		2	2	2	2																
E 888 - Unspecified	10	3	7	1	4	1	4					2	3	1	3	1				1											
TOTAL	53	27	26	19	21	15	20			4	1	8	5	5	5	3				1									2		

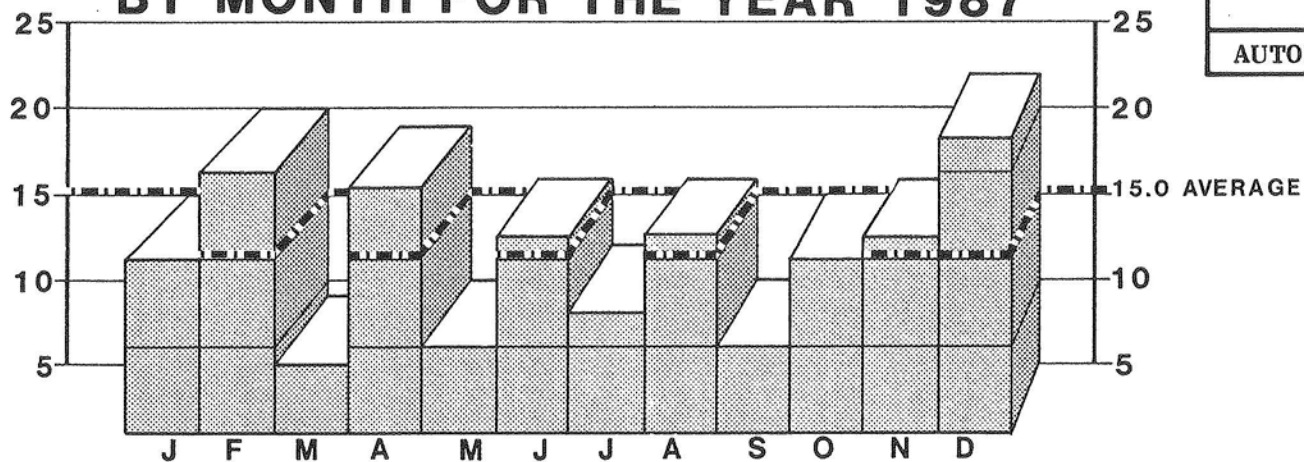
* International Classification of Diseases by World Health Organization: Ninth Revision.

VEHICULAR ACCIDENTS

FOR A PERIOD OF TWELVE YEARS



BY MONTH FOR THE YEAR 1987

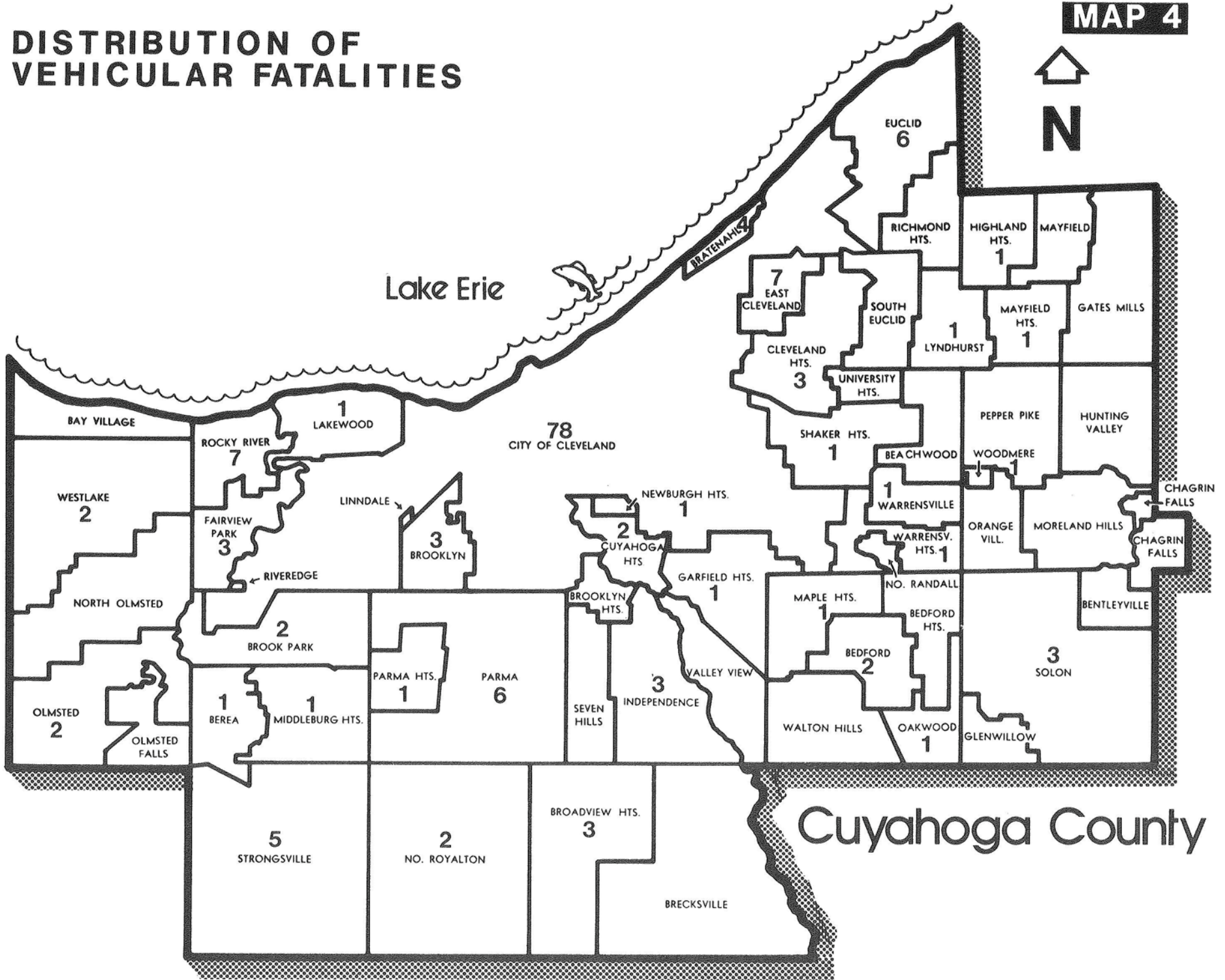


		NUMBER	PERCENT
SEX	MALE	134	74
	FEMALE	46	26
RACE	WHITE	135	75
	NON-WHITE	45	25
ALCOHOL	TESTED	154	86
	POSITIVE	77	50
AUTOPSY	AUTOPSIED	177	98

1987
TOTAL CASES
180

DISTRIBUTION OF VEHICULAR FATALITIES

MAP 4



PHARMACOLOGICAL EFFECTS OF ALCOHOL



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
EXULTATION
INCREASED CONFIDENCE
EXPANSIVENESS
GENEROSITY
ALTERED JUDGMENT
INCREASED GOOD FELLOWSHIP
LOQUACIOUSNESS
DULLING OF ATTENTION



PSYCHOMOTOR AREAS (CORTEX)

AFFECTED BY 0.10 - 0.20% ALCOHOL

APRAXIA	TREMORS
AGRAPHIA	SLURRED SPEECH
ATAXIA	LOSS OF SKILL



SOMESTHETO-PSYCHIC AREAS (FRONTAL AND PARIETAL LOBES)

AFFECTED BY 0.10 - 0.30% ALCOHOL
DULLED OR DISTORTED SENSIBILITIES



CEREBELLUM

AFFECTED BY 0.15 - 0.35% ALCOHOL
DISTURBANCE OF EQUILIBRIUM



VISUO-PSYCHIC AREAS (OCCIPITAL LOBE)

AFFECTED BY 0.20 - 0.30% ALCOHOL

DISTURBANCE OF:	
COLOR PERCEPTION	FORM
DIMENSIONS	MOTION
DIPLOPIA	DISTANCE



DIENCEPHALON

AFFECTED BY 0.25 - 0.40% ALCOHOL

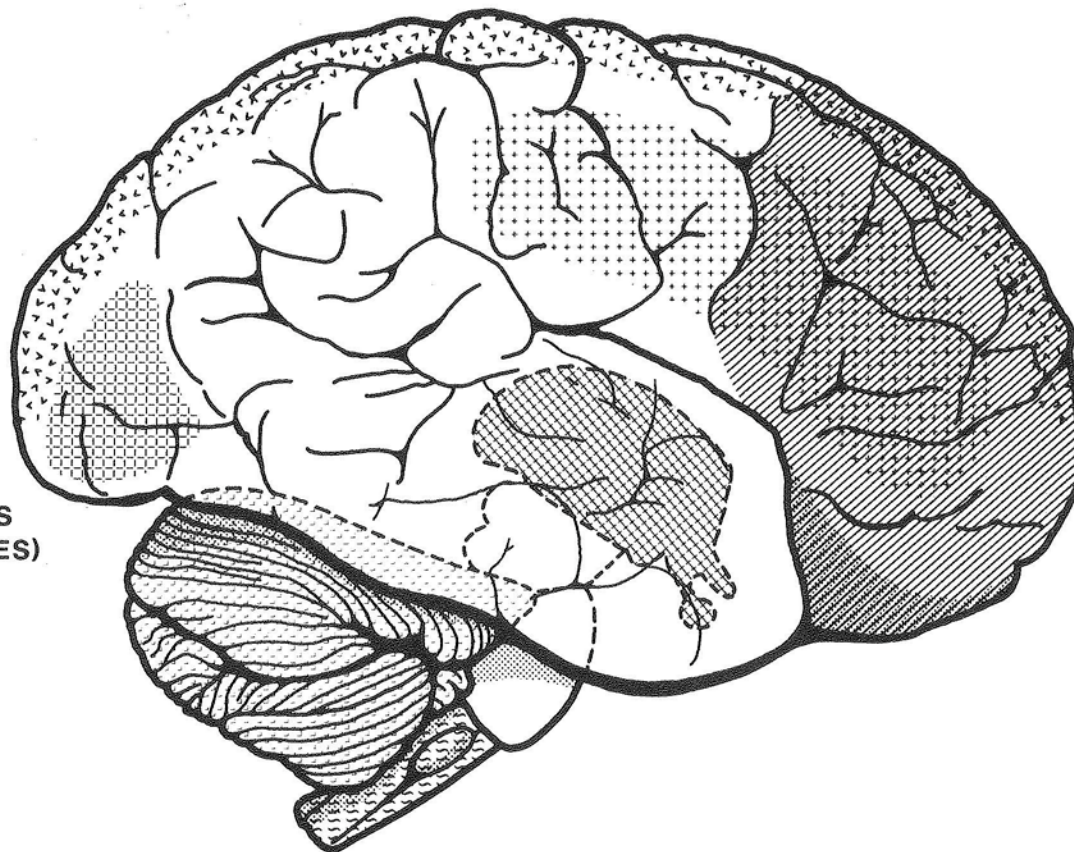
CESSATION OF AUTOMATIC MOVEMENTS	
DILATION OF SURFACE CAPILLARIES	
APATHY	SWEATING
INERTIA	STUPOR
TREMORS	COMA



MEDULLA

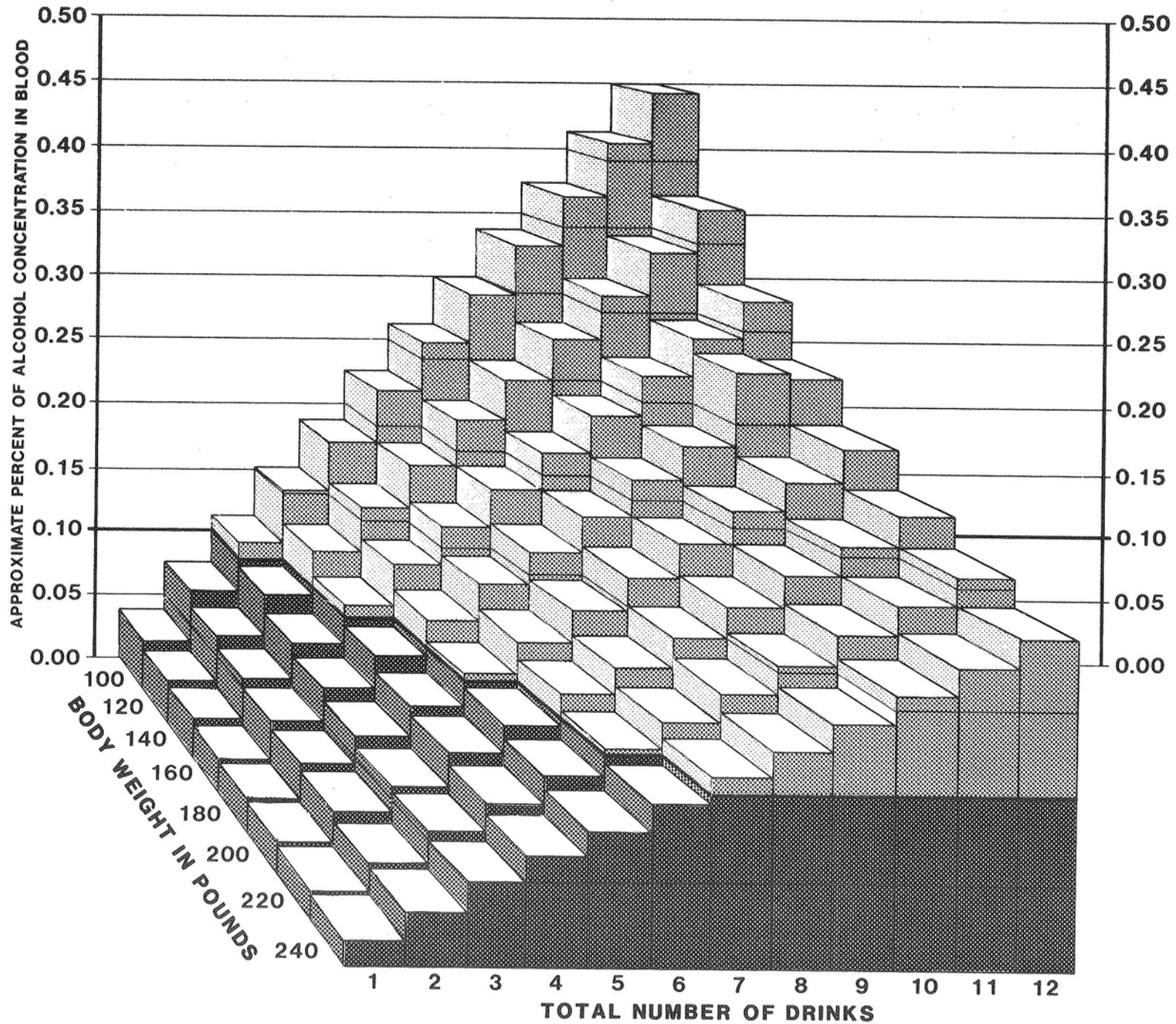
AFFECTED BY 0.40 - 0.50% ALCOHOL

DEPRESSION OF RESPIRATION
PERIPHERAL COLLAPSE
SUBNORMAL TEMPERATURE
DEATH



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

BLOOD ALCOHOL CONCENTRATION BY WEIGHT



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
TOTAL NUMBER OF DRINKS**											

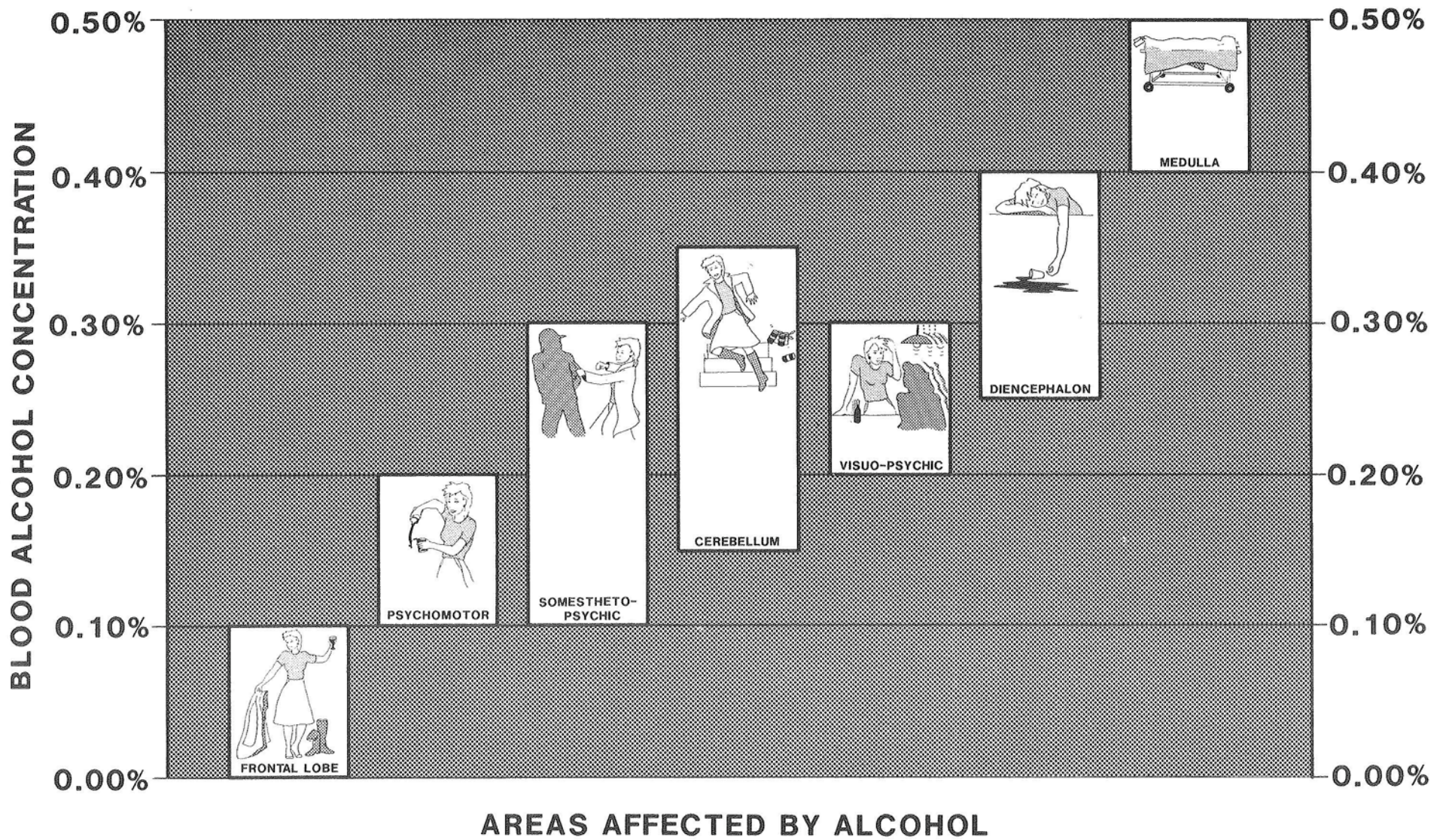
* If these drinks were not taken within one hour deduct one drink from the total number of drinks for each hour that elapsed between the first and last drink.

** 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.

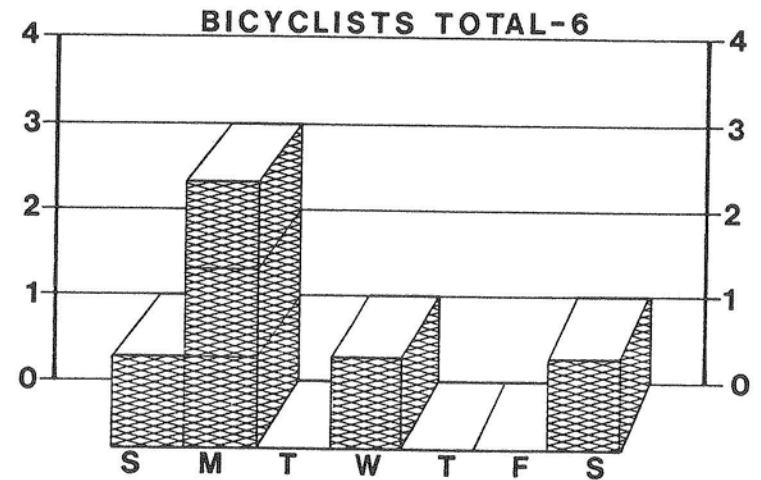
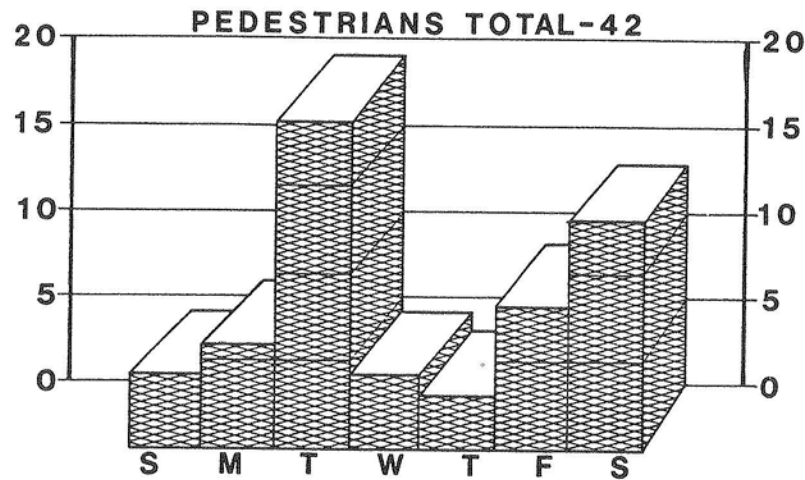
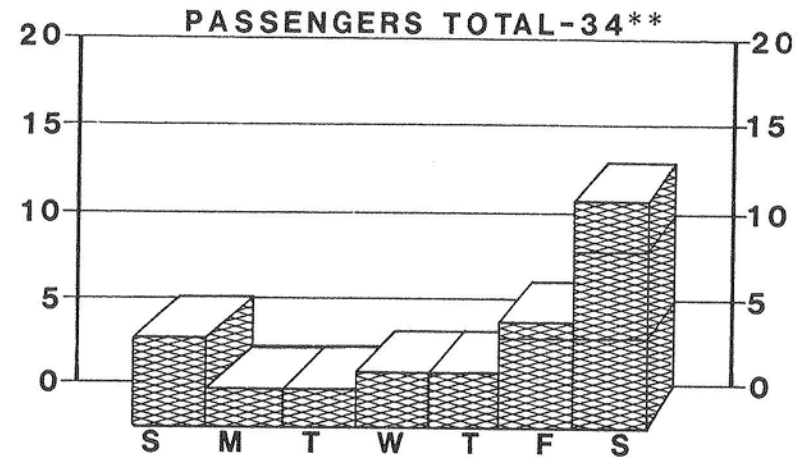
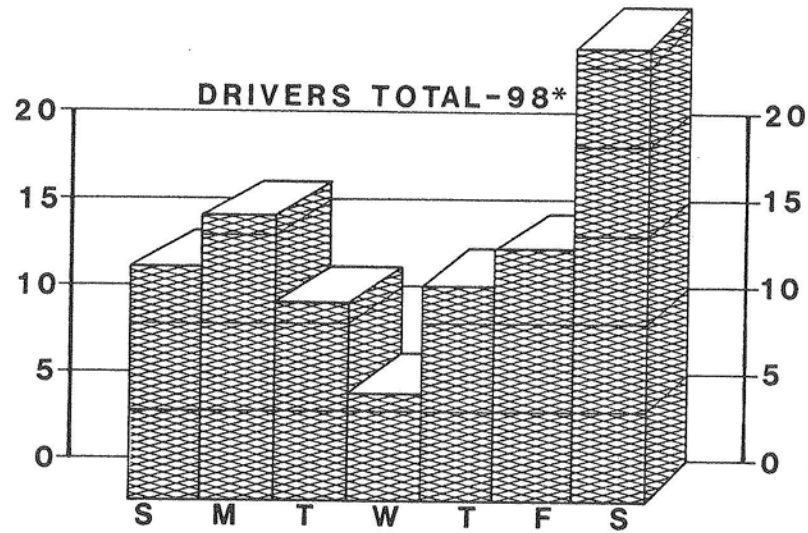
From: General Manual for Chemical Tests for Intoxication, Ohio Department of Health, Alcohol Testing, Approval and Permit Program, 1969, page 19.

Please Note: This chart represents estimated blood concentrations for the "average" individual. It is not meant to be taken as a guide to alcohol consumption.

ALCOHOL EFFECTS ON BRAIN DEMONSTRATED PICTORIALLY



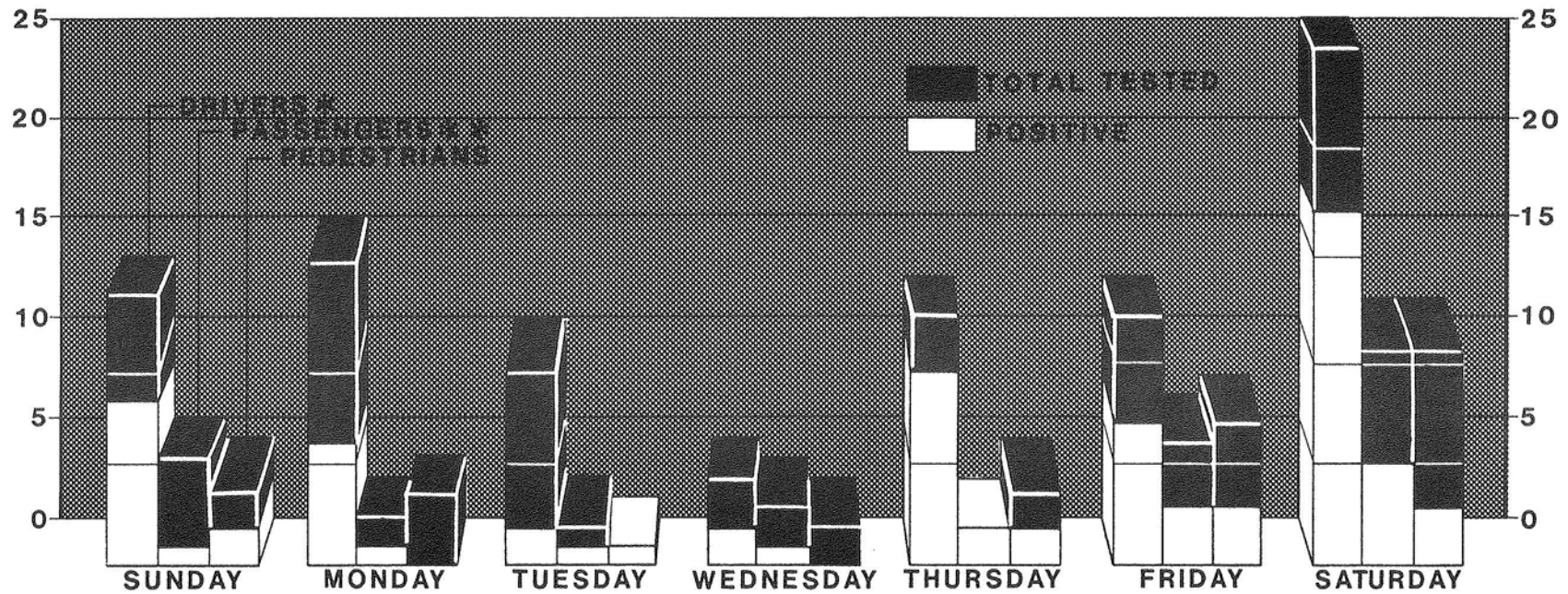
VEHICULAR FATALITIES DAILY INCIDENCE



*** INCLUDES 19 MOTORCYCLISTS**

**** INCLUDES 3 MOTORCYCLE PASSENGERS**

VEHICULAR FATALITIES DAILY ALCOHOL INCIDENCE

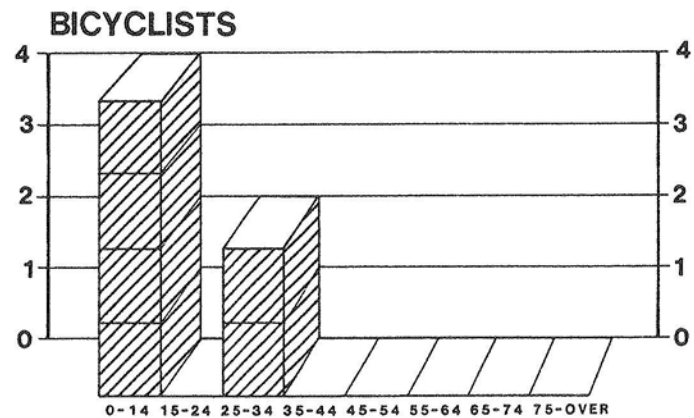
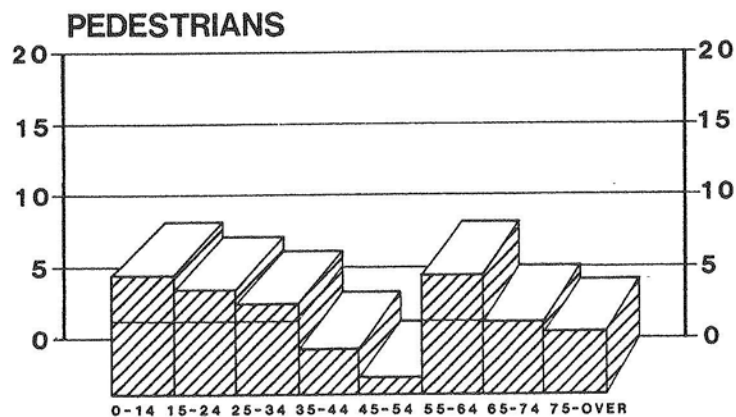
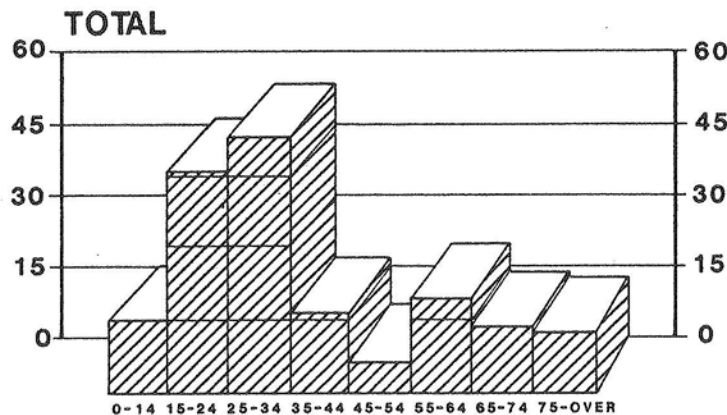
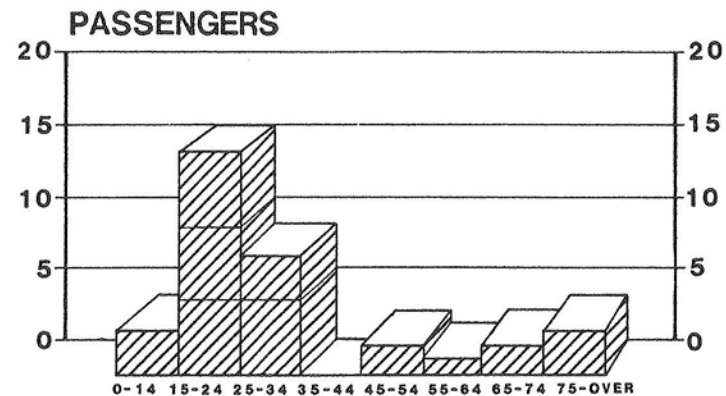
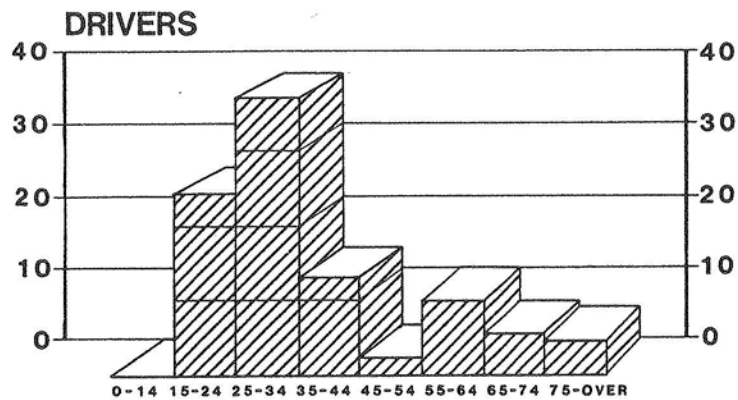


- *INCLUDES 19 MOTORCYCLE DRIVERS
- *INCLUDES 6 BICYCLE DRIVERS
- **INCLUDES 3 MOTORCYCLE PASSENGERS

	TESTED	POSITIVE
DRIVERS:	91	52
PASSENGERS:	31	14
PEDESTRIANS:	32	11
TOTAL:	154	77

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	M	F	M	F	M	F		
BICYCLIST	6	5	1		1	5												4	3	1																			
DRIVER*	98	77	21	35	5	32	11	10	4		1	8	3	8	3			69	18	24	12	45	6	2	1	8		11	2	9		6	2	6		3	1		
PASSENGER**	34	20	14	11	5	7	5	2	4			2	1	1	1	1		18	13	8	9	10	4	3		3	1		1	2	2	2							
PEDESTRIAN	42	32	10	18	3	9	7	5				9	1	6		2	1	1		23	9	12	9	11		2		2		1		2		1		2		1	
TOTAL	180	134	46	64	14	53	23	17	8		1	20	6	16	4	3	2	1		114	40	47	30	67	10	7	1	13	1	13	3	13	2	9	2	8		4	1

* Includes 19 Motorcyclists.

** Includes 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	M	F	M	F				
JANUARY	15	13	2	6	2	5		2				2	1	2		1		11	1	6	1	5				2				1		1					1		
FEBRUARY	20	16	4	8	2	5	2	3				3	2	2	2	1		13	2	2	1	11	1	2		3		2				1		2		1	1		
MARCH	9	6	3	4	2	2	1					1		1				5	3	4	3	1												1					
APRIL	19	12	7	7	3	3	3	2	1			2		1		1		12	5	3	5	9		1		3		2		2		1							
MAY	10	8	2	5	1	3	1					1		1				7	2	4		3	2			1			1	1			1	1					
JUNE	16	12	4	4	1	8		2		1		3		1	2			9	4	4	4	5					2	2		1									
JULY	12	10	2	6		4	2											10	2	5	1	5	1			1		1	1	1		1		2					
AUGUST	16	11	5	3	1	4	3	4	1			3		3				8	5	3	2	5	3	1	1	1	1		1		1	1		2					
SEPTEMBER	10	8	2	3		4	1	1	1			1		1				7	2	4	2	3					1	2											
OCTOBER	15	11	4	2		8	3	1	1			1		1				10	4	3	3	7	1	1			1	2		1		2					1		
NOVEMBER	15	12	4	8	1	2	3	2				3		2		1		9	4	4	3	5	1	1			2	1	1			1							
DECEMBER	22	15	7	8	1	5	4	2	2			2	1	2	1			13	6	5	5	8	1	1		2		1		2			1	1			1		
TOTAL	180	134	46	64	14	53	23	17	8		1	20	6	16	4	3	2	1		114	40	47	30	67	10	7	1	13	1	13	3	13	2	9	2	8		4	1

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	23	18	5	1		1						17	5	6	5	11		1		2		2		2				4			
MONDAY	27	19	8	5	2	4			2	1		14	6	9	4	5	2					1	2	1		2		1			
TUESDAY	17	14	3	4		3		1				10	3	6	3	4		1				2		1							
WEDNESDAY	13	10	3	2	2	2	2					8	1	5	1	3				1				1						1	
THURSDAY	19	17	2	1				1				16	2	4		12	2	1		2		1		4	1	1	1	2		1	
FRIDAY	28	20	8	2	1	1	1	1				18	7	9	3	9	4	1	1	4		1	1	1	1			1		1	1
SATURDAY	53	36	17	5	1	5	1					31	16	8	14	23	2	3		4	1	6		3		6	1			1	
TOTAL	180	134	46	20	6	16	4	3	2	1		114	40	47	30	67	10	7	1	13	1	13	3	13	2	9	2	8		4	1

VEHICULAR TRAFFIC AGE-RACE-ALCOHOL INCIDENCE

TABLE 36

AGE	RACE	TOTAL	NOT TESTED										TESTED						STAGES													
			Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over			
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 Year	White																															
	Non-White																															
1 - 4	White	2		2		2				2																						
	Non-White	2	1	1	1					1				1	1																	
5 - 9	White	2	1	1								1	1	1	1																	
	Non-White	3	3		1					1				2	2																	
10 - 14	White	6	5	1	1					1				4	1	3	1	1		1												
	Non-White																															
15 - 19	White	13	11	2									11	2	2	2	9		1		3		1		1		3					
	Non-White	5	3	2									3	2	2	2	1				1											
20 - 24	White	23	20	3	1	1				1			19	2	9	2	10		1		2		1		2		3			1		
	Non-White	5	2	3	1		1						1	3		2	1	1					1	1								
25 - 29	White	22	16	6	2		2						14	6	5	3	9	3		1		4		2	1		1	2		1		
	Non-White	13	10	3	2		2						8	3	4	2	4	1		1		2	1	1								
30 - 34	White	12	10	2	1		1						9	2	2		7	2		2	1		1	2		1		2				
	Non-White	6	3	3	1	1	1	1					2	2	1	1	1	1	1							1						
35 - 39	White	9	9		1		1						8		1		7		1			1	2			1		2				
	Non-White	1		1									1		1																	
40 - 44	White	4	3	1									3	1	1	1	2				1				1							
	Non-White	2	2										2		1		1												1			
45 - 49	White	2	1	1	1		1						1		1																	
	Non-White																															
50 - 54	White	3	2	1		1		1					2		1		1							1								
	Non-White	1	1										1				1		1													
55 - 59	White	6	5	1	1		1						4	1	1	1	3			2							1					
	Non-White																															
60 - 64	White	11	9	2	1	1	1	1					8	1	3	1	5		1		1				1		2					
	Non-White	2	2		1		1						1		1																	
65 - 69	White	5	5		2		2						3		2		1						1									
	Non-White	3	2	1	1		1						1	1		1	1					1										
70 - 74	White	4	3	1									3	1	3			1						1								
	Non-White	1	1										1		1																	
75 - 79	White	3	2	1									2	1	1	1	1			1												
	Non-White	1	1										1			1						1										
80 - over	White	8	1	7	1		1						7		6		1		1													
	Non-White																															
TOTAL	White	135	103	32	12	5	10	3	1	2	1		91	27	35	20	56	7	5	1	12	1	8	1	11	2	9	1	8		3	1
	Non-White	45	31	14	8	1	6	1	2				23	13	12	10	11	3	2		1		5	2	2		1			1		
GRAND TOTAL		180	134	46	20	6	16	4	3	2	1		114	40	47	30	67	10	7	1	13	1	13	3	13	2	9	2	8		4	1

VEHICULAR FATALITIES

TRAFFIC-COLLISION-ALCOHOL INCIDENCE

TABLE 39

TYPE	TOTAL	NOT TESTED												TESTED						STAGES																								
		Total		Cleve.		County		Out of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over						
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F							
<u>PEDESTRIAN</u>																																												
Auto	37	28	9	16	3	8	6	4				8	1	6		2	1							20	8	11	8	9		2		1		1		1		1		2		1		
Truck	4	4		2		1		1				1						1						3		1		2				1												
<u>AUTO-AUTO</u>																																												
Driver	23	16	7	12	2	4	3		2			2	2	2	2									14	5	6	4	8	1	1		1		1						4	1		1	
Passenger	12	8	4	6	3	2			1			2		1		1								6	4	3	3	3	1	1		1						1	1					
<u>AUTO-BICYCLE</u>																																												
Bicyclist	2	2					2					1		1										1		1																		
<u>AUTO-FIXED OBJECT</u>																																												
Driver	37	25	12	10	3	14	8	1	1			1	1	1	1	1	1							24	11	6	6	18	5		1	4		6	2	3		1	1	2		2	1	
Passenger	14	9	5	5	2	3	2	1	1															9	5	4	4	5	1	2														
<u>AUTO-MOTORCYCLE</u>																																												
Motorcyclist	9	9		4		4		1				2		2										7		6		1		1														
Passenger	3		3				2		1							1																												
<u>AUTO-OTHER OBJECT</u>																																												
Passenger	1		1						1																	1		1																
<u>AUTO-TRAIN</u>																																												
Driver	1	1				1						1		1														1																
Passenger	1	1				1																																						
<u>AUTO-TRUCK</u>																																												
Driver	14	13	1	3		4		6	1			2		2										11	1	2	1	9				3		1		2		1		2				
Passenger	1	1							1															1		1																		
<u>MOTORCYCLE-FIXED OBJECT</u>																																												
Motorcyclist	7	7		3		4																		7		2		5						1		3				1				
Passenger	1		1						1																	1																		
<u>TRUCK-BICYCLE</u>																																												
Bicyclist	4	3	1			1	3					1												3		2		1																
<u>TRUCK-FIXED OBJECT</u>																																												
Driver	1	1				1																		1				1																
Passenger	1	1				1																		1																				
<u>TRUCK-MOTORCYCLE</u>																																												
Motorcyclist	3	3		2					1															3		1		2																
<u>TRUCK-TRUCK</u>																																												
Driver	2	2		1					1															2		1		1																
TOTAL	178	134	44	64	14	53	22	17	8			20	6	16	4	3	2	1						114	38	47	28	67	10	7	1	13	1	13	1	13	3	13	2	9	2	8	4	1

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				
<u>AUTO-AUTO</u>																																			
Driver	23	16	7	12	2	4	3		2			2	2	2	2				14	5	6	4	8	1	1	1			4	1		1			
<u>AUTO-BICYCLE</u>																																			
Bicyclist	2	2				2						1		1					1		1														
<u>AUTO-FIXED OBJECT</u>																																			
Driver	37	25	12	10	3	14	8	1	1			1	1	1	1				24	11	6	6	18	5		1	4	6	2	3	1	1	2	2	1
<u>AUTO-MOTORCYCLE</u>																																			
Motorcyclist	9	9		4		4		1				2		2					7		6		1		1										
<u>AUTO-TRAIN</u>																																			
Driver	1	1				1						1		1																					
<u>AUTO-TRUCK</u>																																			
Driver	14	13	1	3		4		6	1			2		2					11	1	2	1	9			3	1	2	1	2					
<u>MOTORCYCLE-FIXED OBJECT</u>																																			
Motorcyclist	7	7		3		4													7		2		5			1		3			1				
<u>TRUCK-BICYCLE</u>																																			
Bicyclist	4	3	1		1	3						1					1		3		2		1			1									
<u>TRUCK-FIXED OBJECT</u>																																			
Driver	1	1				1													1				1					1							
<u>TRUCK-MOTORCYCLE</u>																																			
Motorcyclist	3	3		2				1											3		1		2				2								
<u>TRUCK-TRUCK</u>																																			
Driver	2	2		1				1											2		1		1								1				
TOTAL	103	82	21	35	6	37	11	10	4			9	4	9	3	1		73	17	27	11	46	6	2	1	8	12	2	9	6	2	6	3	1	

VEHICULAR FATALITIES TRAFFIC-COLLISION-ALCOHOL INCIDENCE PEDESTRIANS

TABLE 39B

TYPE	TOTAL	NOT TESTED										TESTED						STAGES																					
		Total		Cleve.		County		Out of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
<u>PEDESTRIAN:</u>																																							
Auto	37	28	9	16	3	8	6	4				8	1	6		2	1								2		1		1		1		1		2		1		
Truck	4	4		2		1		1				1					1									1													
TOTAL	41	32	9	18	3	9	6	5				9	1	6		2	1	1						23	8	12	8	11		2		2		1		2		1	

TRAFFIC-COLLISION-ALCOHOL INCIDENCE PASSENGERS

TABLE 39C

TYPE	TOTAL	NOT TESTED										TESTED						STAGES																					
		Total		Cleve.		County		Out of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
<u>PASSENGER:</u>																																							
AUTO-AUTO	12	8	4	6	3	2			1			2		1		1								6	4	3	3	3	1	1		1		1		1		1	
AUTO-FIXED OBJECT	14	9	5	5	2	3	2	1	1															9	5	4	4	5	1	2				2	1	1			
AUTO-MOTORCYCLE	3		3				2		1			1		1										2		1		1											
AUTO-OTHER OBJECT	1		1						1															1		1													
AUTO-TRAIN	1	1				1																		1				1											
AUTO-TRUCK	1	1							1															1		1													
MOTORCYCLE-FIXED OBJECT	1		1						1																1				1										
TRUCK-FIXED OBJECT	1	1				1																		1				1											
TOTAL	34	20	14	11	5	7	5	2	4			2	1	1	1	1							18	13	8	9	10	4	3		3		3	1	1	2	2	2	

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

TABLE 41

MONTH	TOTAL	NOT TESTED										TESTED						STAGES																					
		Total		Cleve.		County		Out of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
NOVEMBER	1	1						1				1						1																					
DECEMBER	1	1		1																1		1																	
TOTAL	2	2		1				1				1						1		1		1																	

VEHICULAR FATALITIES WEATHER CONDITIONS-ALCOHOL INCIDENCE

TABLE 42

WEATHER	TOTAL	NOT TESTED										TESTED						STAGES																						
		Total		Cleve.		County		Out of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
CLEAR	149	114	35	54	9	46	19	14	6		1	14	6	10	4	3	2	1		100	29	40	20	60	9	7	1	11	1	12	2	11	2	8	2	7		4	1	
CLOUDY	2	1	1			1	1					1		1							1		1																	
FOG	0																																							
RAIN	23	15	8	9	4	4	2	2	2			3	3							12	8	7	7	5	1			1		1	1	1		1		1				
SNOW	6	4	2	1	1	2	1	1				2	2							2	2		2				1													
UNKNOWN	0																																							
TOTAL	180	134	46	64	14	53	23	17	8		1	20	6	16	4	3	2	1		114	40	47	30	67	10	7	1	13	1	13	3	13	2	9	2	8		4	1	

VEHICULAR FATALITIES ROAD CONDITIONS-ALCOHOL INCIDENCE

TABLE 43

ROAD	TOTAL	NOT TESTED										TESTED						STAGES																						
		Total		Cleve.		County		Out of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
DRY	132	100	32	45	7	41	19	14	5		1	13	4	9	3	3	1	1		87	28	37	20	50	8	6	1	8	1	10	2	9	2	7	1	7		3	1	
ICE	1	1						1				1		1																										
SNOW	0																																							
WET	46	33	13	19	7	12	4	2	2			6	1	6			1			27	12	10	10	17	2	1		5		3	1	4		2	1	1		1		
UNKNOWN	1		1						1			1		1																										
TOTAL	180	134	46	64	14	53	23	17	8		1	20	6	16	4	3	2	1	114	40	47	30	67	10	7	1	13	1	13	1	13	3	13	2	9	2	8		4	1

LIGHT CONDITIONS-ALCOHOL INCIDENCE

TABLE 44

LIGHT	TOTAL	NOT TESTED										TESTED						STAGES																							
		Total		Cleve.		County		Out of County		Turn-pike		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
DAWN	4	2	2	1	1	1	1						1		1				2	1	2	1																			
DAY	51	34	17	12	5	15	7	7	4		1	10	2	6	1	3	1	1		24	15	17	14	7	1	1		2			1	3								1	
DUSK	5	4	1			4	1													4	1	2	1	2					1		1										
NIGHT WITH STREET LIGHTS	104	82	22	51	8	27	13	4	1			9	2	9	1		1			73	20	20	12	53	8	6	1	9	1	11	2	8	2	9	1	7		3	1		
NIGHT WITHOUT STREET LIGHTS	16	12	4			6	1	6	3			1	1	1	1					11	3	6	2	5	1			2		1		1			1	1					
UNKNOWN	0																																								
TOTAL	180	134	46	64	14	53	23	17	8		1	20	6	16	4	3	2	1	114	40	47	30	67	10	7	1	13	1	13	1	13	3	13	2	9	2	8		4	1	

VEHICULAR FATALITIES CLASSIFICATION OF VICTIMS-AGE GROUPS

TABLE 45

CLASSIFICATION	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
BICYCLIST				1	1		2						2																									5	1	6
DRIVER								6		8	4	10	6	6	4	7	1	2	1		1	2		2		7	1	3	1	2		2		1	2	58	21	79		
CYCLIST DRIVER										6		8		3		1		1																			19		19	
PASSENGER						3		7	2	4	2	2	2	2						1						1			1	1		1		2	20	11	31			
PEDESTRIAN			1	2	3	1		1	1	2	4		4		2		1		2				1		3	1	4		4		1		1		3	32	10	42		
PASSENGER ON MOTORCYCLE														1		1								1													3		3	
TOTAL			1	3	4	1	5	1	14	4	22	6	26	9	13	5	9	1	5	1	1	1	3	1	5	1	11	2	7	1	4	1	3	1	1	7	134	46	180	

MONTH AND AGE GROUPS

TABLE 46

MONTH	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
JANUARY				1	1							3	1	2		1		1				1		1		1						1						13	2	15	
FEBRUARY			1					2		5		2	1	1	1	1							1		1		1	2	1									16	4	20	
MARCH				1				2	2	1					1												1				1							6	3	9	
APRIL				1		1		2		3	1	4	1					1						1	1		1								1			12	7	19	
MAY					2			1		2		1		1	2						1																	8	2	10	
JUNE					1		3	2	1	1	1	2	1	1													1		1					1				12	4	16	
JULY								1		2	1	3	1			1											1				1							10	2	12	
AUGUST								2		1		3	1	3	1		1							1		1						1				1		11	5	16	
SEPTEMBER										2	1	1	1	2																	2					1		8	2	10	
OCTOBER								1		2	1	3		2	1	2																	1				2		11	4	15
NOVEMBER						2	1			3		2	1									1	1			1		2				1				1		12	4	16	
DECEMBER								1	1		1	2	1				4		2	1				1	1	3		2							2		15	7	22		
TOTAL			1	3	4	1	5	1	14	4	22	6	26	9	13	5	9	1	5	1	1	1	3	1	5	1	11	2	7	1	4	1	3	1	1	7	134	46	180		

AUTOPSIES-VEHICULAR FATALITIES

MONTH AND AGE GROUPS

TABLE 47

MONTH	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
JANUARY				1		1								2		1		2				1				1				1				1		1			13	2	15
FEBRUARY			1						2		5		3	1	1	1	1	1						1		1											15	2	17		
MARCH				1					2	2	1				1											1		1							6	4	10				
APRIL				1		1			2		3	1	4	1					1					1		1		1		1				1	13	6	19				
MAY					1				1		1		1		1	2																			5	2	7				
JUNE					2		3		2	1	2	1	2		1								1			1		1				1			14	4	18				
JULY									1		2	1	3	2					1		1					1			1						10	3	13				
AUGUST									2				2	1	3	1	1	1								1				1				1	9	5	14				
SEPTEMBER											3		2	1	2									1				2					1		11	1	12				
OCTOBER									1		1	2	3		1	1	2				1									1			2		9	6	15				
NOVEMBER							2	1			3		3	1	1								1					2			1		1		13	3	16				
DECEMBER									1	1	1		2	1			2		1	1			1		1	1	4		2						2		14	7	21		
TOTAL			1	3	4	1	5	1	14	4	22	5	27	9	13	5	7	1	4	2	1	1	3	1	5	1	10	1	7	1	4	1	3	1	2	7	132	45	177		

VEHICULAR FATALITIES

MAJOR INJURY AND SURVIVAL INTERVAL

TABLE 48

MAJOR INJURY	BICYCLIST					DRIVER**					PASSENGER***					PEDESTRIAN					TOTAL										
	TOTAL	DOA*	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	
To Brain:																															
With Fracture of Skull only	3		2		1		32	11	12		4	5	10	3	5		1	1	15	4	10		1		60	18	29		6	7	
With Fracture of Skull and Body Fractures							1	1					4		2		1	1	3		1			2	1				1		
Without Fracture of Skull													4		2		1	1	3					2	1		8	1	2	3	2
TOTAL	3		2		1		33	12	12		4	5	14	3	7		2	2	20	5	10		3	2	70	20	31		10	9	
To Spinal Cord:																															
With Fracture of Vertebra																														0	
TOTAL																														0	
To Chest:																															
With Fracture of Thoracic Cage							4	1	3																	4	1	3			
Without Fracture of Thoracic Cage							1	1																		1	1				
TOTAL							5	2	3																5	2	3				
To Extremities:																														0	
TOTAL																														0	
Multiple Injuries:																															
To Head and Trunk	1		1				21	8	12		1	11	3	7		1		9	1	5		2			42	12	25		3	1	
To Head, Trunk and Extremities	2		2				11	5	3		2	1	7	4	3			10	4	6		1			30	13	14		2	2	
To Trunk							23	9	14			1	1	1				2	1	1					26	10	16				
To Trunk and Extremities							3	1	1		1	1	1	1				1						1	5	2	1			2	
TOTAL	2		2				58	23	30		2	3	20	8	11		1	22	6	12		2	2	103	37	56		5	5		
Miscellaneous Injuries:																															
TOTAL							2	2																	2	2					
GRAND TOTAL	6		5		1		98	39	45		6	8	34	11	18		3	2	42	11	22		5	4	180	61	90		15	14	

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																	3	2	1															6	5	1			
20 - 24	9	3	4		1	1						1	1						8	3	4				1											18	7	8		1	2
25 - 29	10	3	5		1	1						2	1	1					12	5	7														24	9	13		1	1	
30 - 34	3	1	1		1							1	1						8	1	7				1	1								13	3	9		1			
35 - 39	2					2													7	4	3														9	4	3			2	
40 - 44	2	1	1																1	1					1	1								4	3	1					
45 - 49												1	1																					1		1					
50 - 54	1	1																	1	1													2	2							
55 - 59	1					1													1		1												2		1			1			
60 - 64																			8	2	4		2										8	2	4		2				
65 - 69	2		1		1														2		1			1									4		2			1			
70 - 74																			2	1	1												2	1	1		1				
75 - 79																			2	1	1												2	1	1						
80 - over																			3	2				1									3	2					1		
TOTAL	33	12	12		4	5						5	2	3					58	23	30		2	3	2	2						98	39	45		6	8				

VEHICULAR FATALITIES

MAJOR INJURY AND SURVIVAL INTERVAL-AGE GROUPS PASSENGER

TABLE 51

AGE	BRAIN					SPINAL CORD					CHEST					ABDOMEN					EXTREMITIES					MULTIPLE INJURIES					MISCELLANEOUS					TOTAL					
	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS
10 - 14	1	1																							2	1	1								3	2	1				
15 - 19	5	1	3		1																				4	1	3							9	2	6		1			
20 - 24	2		1		1																				4	1	2		1					6	1	3		2			
25 - 29	1		1																						4	3	1							5	3	2					
30 - 34	1	1																							2	1	1						3	2	1						
35 - 39																																									
40 - 44																																									
45 - 49	1					1																											1							1	
50 - 54	1					1																											1							1	
55 - 59																																									
60 - 64	1		1																														1			1					
65 - 69																																									
70 - 74																									2	1	1							2	1	1					
75 - 79	1		1																														1		1						
80-over																									2		2						2		2						
TOTAL	14	3	7		2	2																			20	8	11		1				34	11	18		3	2			

VEHICULAR FATALITIES

MAJOR INJURY AND SURVIVAL INTERVAL-AGE GROUPS PEDESTRIAN

TABLE 52

AGE	BRAIN					SPINAL CORD					CHEST					ABDOMEN					EXTREMITIES					MULTIPLE INJURIES					MISCELLANEOUS					TOTAL					
	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE					
1 - 4	3		2		1																															3		2		1	
5 - 9	4	1	3																																	4	1	3			
10 - 14																									1		1									1		1			
15 - 19	2		2																						1		1									3		3			
20 - 24	4	2	1			1																													4	2	1			1	
25 - 29	3	1			1	1																			1										4	1			2	1	
30 - 34																									2	1				1					2	1			1		
35 - 39																									1		1								1		1				
40 - 44	1		1																						1	1								2	1	1					
45 - 49																																									
50 - 54	1		1																																1		1				
55 - 59																																									
60 - 64																									4	2	2								4	2	2				
65 - 69																									4		3		1					4		3			1		
70 - 74																									4	1	2			1				4	1	2			1		
75 - 79	1	1																							1		1							1		1					
80-over	1				1																				2	1	1							3	1	1			1		
TOTAL	20	5	10		3	2																			22	6	12		2	2				42	11	22		5	4		

VEHICULAR FATALITIES

MAJOR INJURY AND SURVIVAL INTERVAL-AGE GROUPS BICYCLIST

TABLE 53

AGE	BRAIN					CHEST					MULTIPLE INJURIES					TOTAL								
	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE	TOTAL	DOA	LESS THAN 12 HOURS	12 - 24 HOURS	1 - 7 DAYS	8 DAYS OR MORE
1 - 4						1		1											1		1			
5 - 9	1		1																1		1			
10 - 14												2		2					2		2			
25 - 29	2		1		1														2		1		1	
TOTAL	3		2		1		1	1				2		2					6		5		1	

VEHICULAR FATALITIES GEOGRAPHICAL LOCATION-TYPE OF ACCIDENT CLASSIFICATION OF VICTIMS

TABLE 54

CITIES	AUTO														MTC.				TRUCK						TOTALS								GRAND TOTAL		
	AUTO		BICYCLE		FIXED OBJECT		MOTORCYCLE		PEDESTRIAN		TRAIN		TRUCK		FIXED OBJECT		TRUCK		BICYCLE		FIXED OBJECT		PEDESTRIAN		TRUCK		DRIVER		PASSENGER		PEDESTRIAN			BICYCLIST	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F
Cleveland																																			
Bicyclist																				1														1	1
Driver	12	2			10	3						3													1		26	5							31
Motorcyclist						4							3	2												9								9	
Passenger	6	3			5	2																					11	5						16	
Pedestrian								16	3														2							18	3			21	
Bedford																																			
Motorcyclist						1																				1								1	
Passenger							1																					1						1	
Berea																																			
Pedestrian									1																					1				1	
Broadview Heights																																			
Driver	1																										1							1	
Pedestrian									1	1																				1	1			2	
Brooklyn						1	1					1															2	1						3	
Brook Park							1																				1							1	
Driver																											1							1	
Motorcyclist													1														1							1	
Cleveland Heights																											1							1	
Driver													1														1							1	
Pedestrian									2																					2				2	
East Cleveland																																			
Driver		1				1	1																				1	2						3	
Motorcyclist							2																				2							2	
Pedestrian									2																				2					2	
Euclid																																			
Driver		1											1														2	1						3	
Motorcyclist							1																			1								1	
Pedestrian									1	1																				1	1			2	
Fairview Park																																			
Driver							1																				1							1	
Passenger																												1						1	
Pedestrian										1																					1			1	
Garfield Park																																			
Bicycle																																	1	1	
Highland Heights																																			
Driver							1																					1						1	
Independence																																			
Bicyclist																																	1	1	
Driver																																		1	
Motorcyclist													1														1							1	
(sub total)	19	7			21	8	8	1	21	8			6	5	2		2	2	1	1					1	1	10	12	6	23	8	2	1	113	

MTC. - Motorcycle

VEHICULAR FATALITIES

GEOGRAPHICAL LOCATION-TYPE OF ACCIDENT

CLASSIFICATION OF VICTIMS **TABLE 54 cont.**

CITIES	AUTO														MTC.				TRUCK						TOTALS								GRAND TOTAL				
	AUTO		BICYCLE		FIXED OBJECT		MOTORCYCLE		PEDESTRIAN		TRAIN		TRUCK		FIXED OBJECT		TRUCK		BICYCLE		FIXED OBJECT		PEDESTRIAN		TRUCK		DRIVER		PASSENGER		PEDESTRIAN			BICYCLIST			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F		
Lakewood Pedestrian										1																										1	
Lyndhurst Driver	1																																			1	
Maple Heights Driver						1																														1	
Mayfield Heights Driver		1																																		1	
Middleburg Heights Driver						1																														1	
North Royalton Passenger	1					1																														2	
Parma Driver						1																														2	
Motorcyclist														1																						1	
Passenger																																				1	
Pedestrian									2																											2	
Parma Heights Motorcyclist														1																						1	
Rocky River Bicyclist				1																																1	
Driver					1	3																														4	
Passenger						1																														1	
Pedestrian																																					1
Shaker Heights Driver						1																														1	
Solon Driver						1																														2	
Passenger							1																													1	
Strongsville Bicyclist				1																																1	
Driver	1																																			2	
Passenger	1																																			1	
Pedestrian										1																										1	
Warrensville Heights Passenger																																				1	
Westlake Bicyclist																																				1	
Driver						1																														1	
TOTAL	23	8	2		11	14	8	1	23	10	2	7	7	1	2	3	1	2	3	1	2	3	1	64	15	16	9	26	10	5	1	146					

VEHICULAR FATALITIES
GEOGRAPHICAL LOCATION-TYPE OF ACCIDENT
CLASSIFICATION OF VICTIMS

TABLE 55

VILLAGES, TOWNSHIPS AND TURNPIKE	AUTO										TOTAL						GRAND TOTAL
	AUTO		FIXED OBJECT		MOTORCYCLE		PEDESTRIAN		NON-COLLISION		DRIVER		PASSENGER		PEDESTRIAN		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
<u>VILLAGES:</u>																	
Cuyahoga Heights																	
Passenger			2										2				2
Newburgh Heights																	
Driver				1							1						1
Oakwood																	
Driver	1										1						1
Woodmere																	
Driver			1								1						1
<u>TOWNSHIPS:</u>																	
Olmsted																	
Driver			1								1						1
Passenger						1							1				1
Warrensville																	
Pedestrian							1								1		1
<u>TURNPIKE:</u>																	
Driver									1		1						1
TOTAL	1		4	1		1	1			1	3	2	2	1	1		9

VEHICULAR FATALITIES
GEOGRAPHICAL LOCATION-TYPE OF ACCIDENT
CLASSIFICATION OF VICTIMS

TABLE 56

OUT OF COUNTY	AUTO												TRUCK						TOTAL						GRAND TOTAL
	AUTO		FIXED OBJECT		MOTORCYCLE		OTHER		PEDESTRIAN		TRUCK		MOTORCYCLE		PEDESTRIAN		TRUCK		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	
DRIVER		2	1	1							6	1					1		8	4					12
MOTORCYCLIST					1								1						2						2
PASSENGER		1	1	1		1		1		1										2	4				6
PEDESTRIAN								4						1									5		5
TOTAL		3	2	2	1	1		1	4		7	1	1		1		1		10	4	2	4	5		25

VEHICULAR FATALITIES

HOURLY-DAILY-ALCOHOL INCIDENCE

ALL CASES

TABLE 57

HOURS OF THE DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS						GRAND TOTAL																		
	TOTAL		TESTED	POSITIVE		TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL			TESTED	POSITIVE																
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		F	M	F															
12 AM	2	1	2	1	1	2	2			2	2					1	1	1	2	1	2	1	1	4	3	2	10	5	9	5	4	1	15													
1 AM	1		1		1	1	1	1	2	2	2	2	1	1										3	3	3	9		8		8		9													
2 AM	4		4		4	1	1	1	2						1	1	1	1					3	1	3	1	2	10	3	8	2	7	1	13												
3 AM	1		1						2	2	1				1	1	1	2	1	2	1	2	1	9	2	9	2	8	2	15	3	15	3	12	3	18										
4 AM					1	1	1	1	1	1				1	1	1	3	3	3				1	1	1	3	3	3	8	2	8	2	8	2	10											
5 AM	1	1	1	1	1	1	1																					2	1	2	1	1		3												
6 AM																								1	1			1		1				1												
7 AM	2		2		2					1	1			1	1	1	1	1										6		6		3		6												
8 AM	1		1											1	1	1							1	1			3		3		1		3													
9 AM						1	1																	1	1	1	1	1	1	2	1	2	1	3												
10 AM	1	1		1										1	1													2	1	1	1			3												
11 AM																			1	1								1		1				1												
TOTAL AM	13	3	12	3	9	6	2	6	2	3	1	7	2	5	2	3	4	3	2	7	2	7	2	6	2	5	5	5	4	3	2	24	5	23	5	19	2	66	19	61	18	45	7	85		
12 PM						1								1					1	1			1	1	1		4		2		1			4												
1 PM						2	1	1	1																		2	1	1	1				3												
2 PM	1		1			2	1	1	1			1	1														4	1	4	1	2			5												
3 PM						2	2	1																	1	2	1	2		1	4	1	4		1	5										
4 PM						1			1	1			1	1					2	2				2	2		4	3	3	2				7												
5 PM						1	1	1	1			1							1	1	1	1		1	1	1	4	2	3	2	1			6												
6 PM	2	1	2	1	1	1	1						1			1	1		2	2	2		2	2	2	2	1	1	1				8	3	7	2	3	11								
7 PM	1		1			1	1	1			1	1	1		1	1	1	3	2	1			5	3	3	3	1	13	5	10	3	3			18											
8 PM						2	1						1	1	1	3	3	2	2	2							8		7		3			8												
9 PM						1				1					2	1	1	1	1	1	1		1	1			5	1	2	1	2			6												
10 PM						1	1			2	2			1	1			1	1		2	2	1	2	1	2	1	7	3	6	2	1	2		10											
11 PM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	8	4	7	4	6			12											
TOTAL PM	5	2	5	2	2	13	6	8	4	2	1	7	1	5	1	1	6	3	5	1	1	10	9	6	15	3	13	3	6	2	12	12	8	11	4	68	27	53	22	22	3	95				
GRAND TOTAL	18	5	17	5	11	19	8	14	6	5	2	14	3	10	3	4	10	3	8	1	3	17	2	16	2	12	2	20	8	18	7	9	4	36	17	31	16	23	2	134	46	114	40	67	10	180

VEHICULAR FATALITIES

HOURLY-DAILY-ALCOHOL INCIDENCE BICYCLIST

TABLE 58

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

VEHICULAR FATALITIES

HOURLY-DAILY-ALCOHOL INCIDENCE DRIVER

TABLE 59

HOURS OF THE DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS						GRAND TOTAL																				
	TOTAL		TESTED	POSITIVE		TOTAL		TESTED	POSITIVE		TOTAL		TESTED	POSITIVE		TOTAL		TESTED	POSITIVE		TOTAL		TESTED	POSITIVE		TOTAL			TESTED	POSITIVE																		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		F	M	F																	
12 AM	1	1	1	1			1	1				2	2					1	1		2	2	1	4	4	4	4	1		8																		
1 AM	1		1	1						1	1	1									1	1	1	3		3		3		3																		
2 AM	2		2	2										1	1	1	1	1			1	1	1	3	2	3	1	3	1	5																		
3 AM										1	1	1			1	1	1	1	1	1	6	1	6	1	6	1	9	2	9	2	11																	
4 AM					1	1	1	1	1	1				2	2	2					1	1	1	4	1	4	1	4	1	5																		
5 AM	1		1	1																										1																		
6 AM																					1	1				1		1		1																		
7 AM	2		2	2						1	1													3		3		2		3																		
8 AM														1	1	1					1	1		2		2		1		2																		
9 AM																					1	1	1	1		1		1		1																		
10 AM	1																							1						1																		
11 AM																	1	1								1		1		1																		
TOTAL AM	8	1	7	1	6		3	1	3	1	1	1	3	2	3	2	2			4	1	4	1	4	1	1	4	1	3	1	1	13	2	13	2	11	1	32	11	31	10	25	4	43				
12 PM						1							1								1	1	1	3		1		1		3																		
1 PM						1																		1						1																		
2 PM	1		1							1	1				1	1	1							2	1	2	1	1		3																		
3 PM							2		2	1												2	2		4		4		1		4																	
4 PM																	1	1			1	1		1	1	1	1	1		2																		
5 PM						1		1													1	1	1	1	1	1	1	1		2																		
6 PM												1					1	1	1					1	1	1		1		2																		
7 PM									1	1			1	1	1						1			4	1	3		1		5																		
8 PM												1	1	1		2	2	1	1	1			4		4		2		4																			
9 PM									1						1	1	1	1	1	1			3		2		2		3																			
10 PM						1		1				2	2					1	1	1	1	1	1	4	1	4	1	1	1	5																		
11 PM							3		3						1	1	1				1	1	1	2		2		2		2																		
TOTAL PM	1		1			3	3	1	3		1	4	1	3	1		3	2	2	1	6	6	5	5	1	5	1	3	1	4	3	3	3	3	26	10	21	8	12	2	36							
GRAND TOTAL	9	1	8	1	6		6	4	4	4	1	2	7	3	6	3	2			3	2	2	1	10	1	10	1	9	1	6	5	6	4	4	2	17	5	16	5	14	1	58	21	52	18	37	6	79

VEHICULAR FATALITIES

HOURLY-DAILY-ALCOHOL INCIDENCE DRIVER-MOTORCYCLIST

TABLE 59A

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

VEHICULAR FATALITIES

HOURLY-DAILY-ALCOHOL INCIDENCE PASSENGER

TABLE 60

HOURS OF THE DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS			GRAND TOTAL													
	TOTAL		TESTED	POSITIVE		TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED	POSITIVE	TOTAL		TESTED		POSITIVE												
	M	F	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										1	1	1	1	1	1					2	2	2		4		4		4	4									
2 AM	1		1		1		1		1										1	1			3		3		2	3										
3 AM	1		1																1	1	1	1	1	2	1	2	1	1	3									
4 AM														1	1	1		1	1	2	2	2		3	1	3	1	3	4									
5 AM		1		1																				1		1			1									
6 AM																																						
7 AM																																						
8 AM																																						
9 AM																					1	1			1		1		1									
10 AM		1		1																				1		1			1									
11 AM																																						
TOTAL AM	2	2	2	2	1		1		1		1		1	1	1	1	1	1	1	1	1	6	2	6	2	4	1	13	6	13	6	9	3	19				
12 PM																								1		1				1								
1 PM							1		1																1		1			1								
2 PM																																						
3 PM																																						
4 PM										1		1													1		1			1								
5 PM																																						
6 PM		1		1																	1	1			2		2			2								
7 PM																																						
8 PM																																						
9 PM																																						
10 PM																																						
11 PM																																						
TOTAL PM		1		1						1	1	1	1	1											3	1	3	1	1	1	1	1	1	15				
GRAND TOTAL	2	3	2	3	1		1	1	1	1	1	1	1	2	1	1	1	1	1	4	2	4	2	1	2	7	6	6	5	4	1	20	14	18	13	10	4	34

VEHICULAR FATALITIES

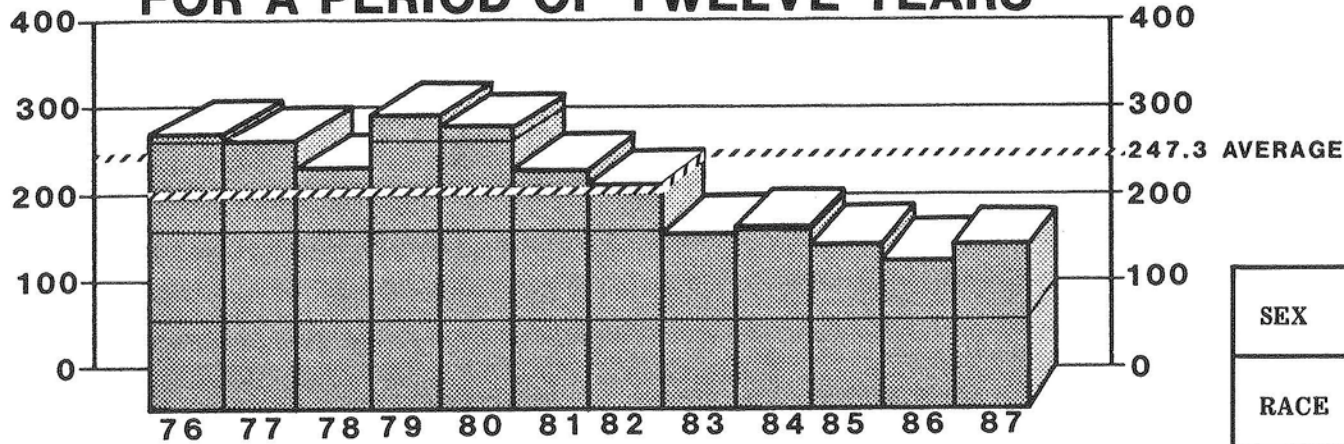
HOURLY AND DAILY INCIDENCE ARRANGED ACCORDING TO DRIVER, PASSENGER, PEDESTRIAN

TABLE 62

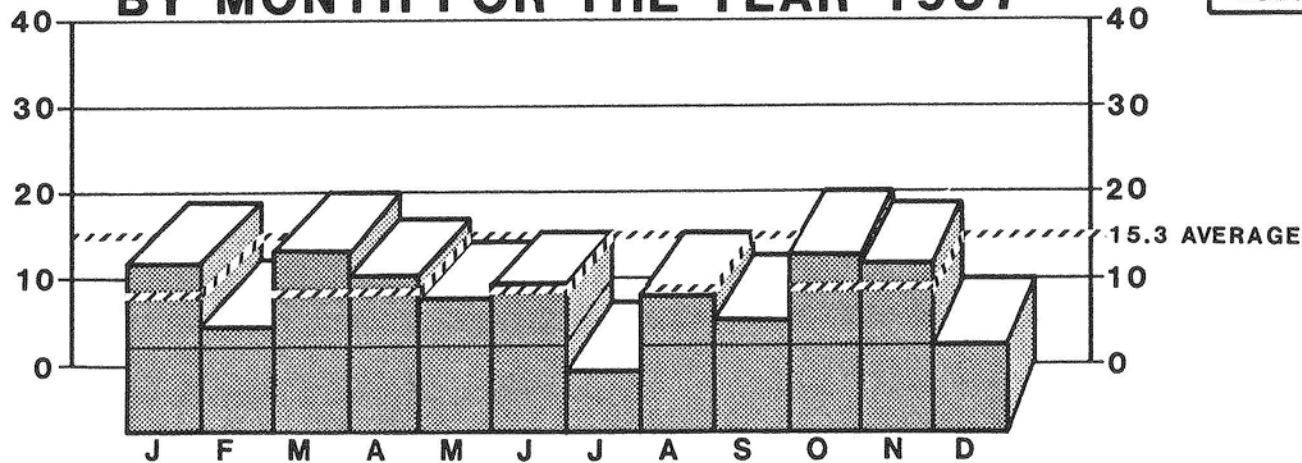
HOURS OF THE DAY	SUNDAY			MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			SATURDAY			TOTALS						GRAND TOTAL																	
	DRIVER		PASSENGER	PEDESTRIAN		DRIVER		PASSENGER	PEDESTRIAN		DRIVER		PASSENGER	PEDESTRIAN		DRIVER		PASSENGER	PEDESTRIAN		DRIVER		PASSENGER	PEDESTRIAN		DRIVER			PASSENGER	PEDESTRIAN															
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		F	M	F	M	F	M	F	M	F								
12 AM	2	1					2					2					1			1	1	1	2			2	6	4	1	1	3	15													
1 AM	1						1			1	1			1	1							2				4		4		1		9													
2 AM	3		1					1							1				1			1	1	1	1	4	2	3		3	1	13													
3 AM			1							2							2	1				8	1	1	1	13	2	2	1			18													
4 AM					1	1						1			2	1				1		1	2		5	1	3	1			10														
5 AM	1			1																					2			1			3														
6 AM																					1					1					1														
7 AM	2							1								1				1					3				3		6														
8 AM	1													1							1				3						3														
9 AM									1												1		1		1			1		1	3														
10 AM	1			1													1								1			1	1		3														
11 AM																		1								1					1														
TOTAL AM	11	1	2	2			5	1	1		1	4	2	1	2		1	1	2	4	1	1	1	2	2	4	1	1	2	15	2	6	2	3	1	42	11	13	6	11	2	85			
12 PM							1							1												3		1				4													
1 PM							1			1	1															1			1	1		3													
2 PM	1						1			1						1									3	1			1		5														
3 PM							2															1	2		1	4					5														
4 PM							1					1							1			1			1	1	2	1		2	1	7													
5 PM							1	1				1							1			1	1		3	1			1	1	6														
6 PM	1			1	1		1						1				1			1	2		1		5	1		2	3		11														
7 PM				1			1	1	1				1	1					2		1	1		2	4	1	4	1	2	2	7	2	18												
8 PM							2						1						1						6				2		8														
9 PM								1		1					1	1									1	3		1	1	1	6														
10 PM							1			2				1											7	1		2			10														
11 PM				1	1	1						1			1	1									2	3		2	1	3	3	12													
TOTAL PM	2			1	3	1	9	4		1	4	1	4	1	1	2	4	2	1	1	1	7	1	2	7	1	3	1	5	1	7	3	1	4	4	5	40	11	7	8	21	8	95		
GRAND TOTAL	13	1	2	3	3	1	14	5	1	1	4	2	8	3	2	4	5	2	2	1	3	11	1	2	1	4	9	5	4	2	7	1	22	5	7	6	7	6	82	22	20	14	32	10	180

HOMICIDES

FOR A PERIOD OF TWELVE YEARS



BY MONTH FOR THE YEAR 1987

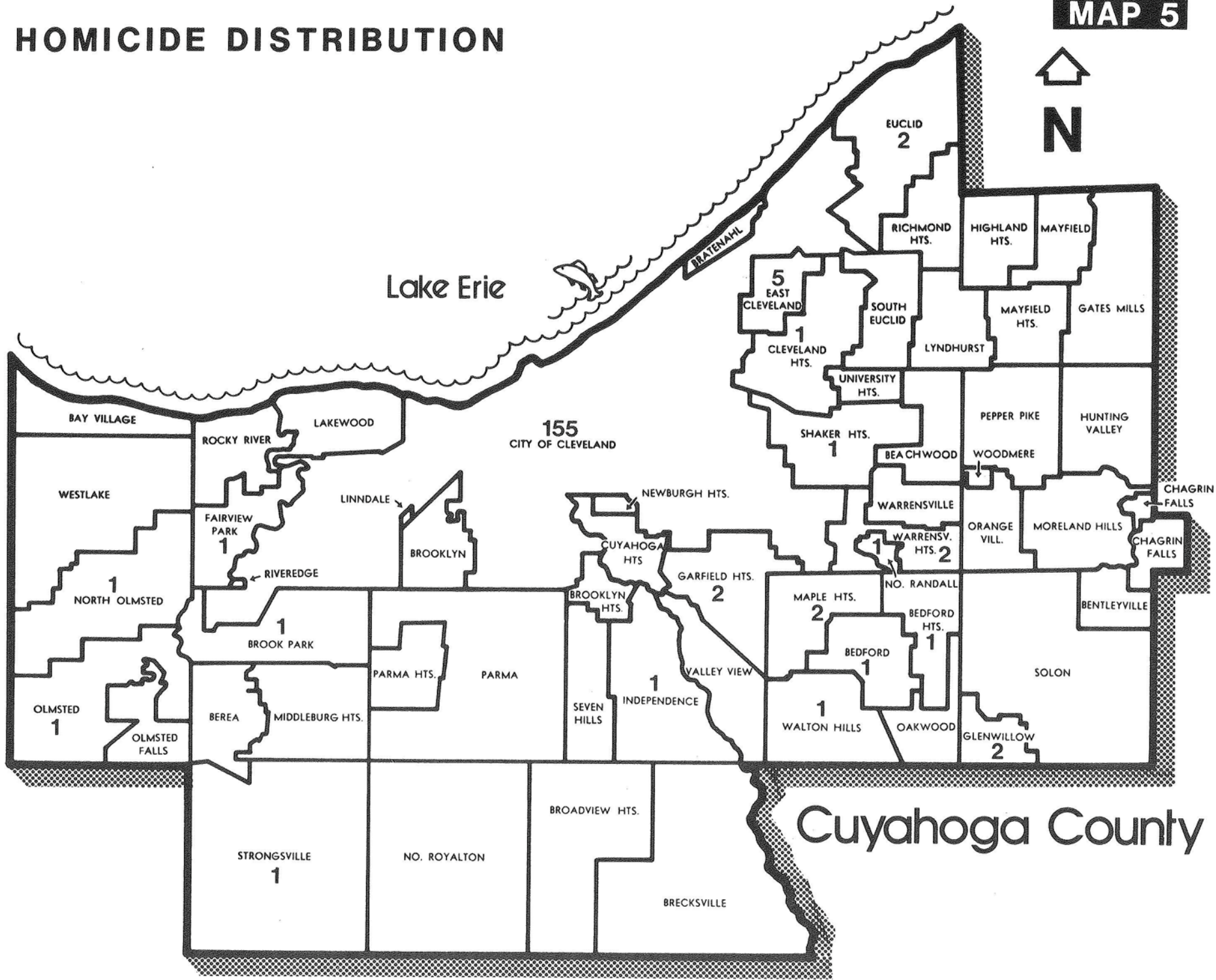


		NUMBER	PERCENT
SEX	MALE	131	72
	FEMALE	52	28
RACE	WHITE	53	29
	NON-WHITE	130	71
ALCOHOL	TESTED	167	91
	POSITIVE	57	34
AUTOPSY	AUTOPSIED	182	99

1987
TOTAL CASES
183

HOMICIDE DISTRIBUTION

MAP 5



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	19	12	7	10	5	2	2			2	1	1	1	1	1			10	6	5	6	5				3		2										
FEBRUARY	12	11	1	11	1													11	1	6	1	5				1		2				1		1				
MARCH	20	13	7	13	5		2				1		1					13	6	5	6	8				3		2		1				2				
APRIL	17	10	7	10	6		1			1		1						9	7	9	5		2		2													
MAY	14	10	4	10	4					2		1				1		8	4	7	2	1	2	1			1						1					
JUNE	16	12	4	12	3		1			3		1		2				9	4	3	3	6	1				2	1	3				1					
JULY	7	6	1	5		1	1			1		1						5	1	3	1	2		1												1		
AUGUST	16	10	6	8	5	1	1	1										10	6	7	4	3	2		1	2				1				1			1	
SEPTEMBER	13	12	1	9		3	1											12	1	5	1	7		2				2						2		1		
OCTOBER	20	14	6	10	4	4	2			2	1	1	1			1		12	5	10	5	2			1										1			
NOVEMBER	19	12	7	9	7	3				1		1						11	7	6	6	5	1		1		2		1		1		1		1			
DECEMBER	10	9	1	7	1	2				1		1						8	1	4		4	1	2		2			1									
TOTAL	183	131	52	114	41	16	11	1		13	3	8	2	3	1	2		118	49	70	40	48	9	6	4	12	1	12	2	5	1	2	1	9		2		

HOMICIDES

AGE-RACE-ALCOHOL INCIDENCE

TABLE 65

AGE	RACE	TOTAL	NOT TESTED												TESTED						STAGES											
			Total		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 Year	White																															
	Non-White	6	3	3	2	1			2	1			1	2	1	2																
1 - 4	White																															
	Non-White	3		3										3		3																
5 - 9	White	3	2	1									2	1	2	1																
	Non-White	2	1	1									1	1	1	1																
10 - 14	White	1	1										1		1																	
	Non-White	5	5		1			1					4		4																	
15 - 19	White	5	3	2									3	2	3	2																
	Non-White	11	10	1									10	1	7	1	3			1	2											
20 - 24	White	5	3	2									3	2	1	2	2								1		1					
	Non-White	18	14	4	2		1			1			12	4	8	4	4		1	2							1					
25 - 29	White	9	6	3									6	3	4	1	2	2	1	1			2									
	Non-White	26	16	10	1		1						15	10	7	8	8	2		2	4		1	2					1			
30 - 34	White	13	11	2	2		2						9	2	5	2	4		1	1		1	1		1						1	
	Non-White	22	20	2	1		1						19	2	9	2	10		2			2	1					4		1		
35 - 39	White	1	1										1				1					1										
	Non-White	13	9	4	1	1	1	1					8	3	5		3	3		2	1	1	1		1							
40 - 44	White	5	4	1	1		1						3	1	1	1	2					1					1					
	Non-White	9	9		1					1			8		3	5			1	2		1				1						
45 - 49	White																															
	Non-White	4	3	1									3	1	3		1									1						
50 - 54	White	2	2										2			2						1						1				
	Non-White	3	2	1									2	1	1	1	1										1					
55 - 59	White	2	2		1		1						1		1																	
	Non-White	4	2	3									1	3	2	1	1					1				1						
60 - 64	White	1	1										1		1																	
	Non-White	3	1	2									1	2	1	2																
65 - 69	White	1		1											1																	
	Non-White																															
70 - 74	White	3		3		1		1							2		2															
	Non-White																															
75 - 79	White	1		1											1		1															
	Non-White																															
80 - over	White	1		1											1		1															
	Non-White	1	1										1		1																	
TOTAL	White	53	36	17	4	1	4	1					32	16	19	14	13	2	2		2		4	2	1		1		3			
	Non-White	130	95	35	9	3	4	1	3	1	2		86	33	51	26	35	7	4	4	10	1	8		4	1	1	1	6		2	
GRAND TOTAL		183	131	52	13	4	8	2	3	1	2		118	49	70	40	48	9	6	4	12	1	12	2	5	1	2	1	9		2	

HOMICIDES MODE-ALCOHOL INCIDENCE

TABLE 66

MODE	TOTAL	NOT TESTED																TESTED						STAGES													
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
ASPHYXIA	1	1		1						1				1																							
ARSON	12	4	8	3	7	1	1				1		1					4	7	4	7																
ASSAULT	25	17	8	14	6	3	2			3	1	2	1	1				14	7	6	5	8	2	1	1		2	1					3	2			
CUTTING AND STABBING	30	20	10	19	8	1	2											20	10	8	7	12	3	2	2	3		2		3	1			2			
SHOOTING	102	83	19	71	14	11	5	1		7	1	4		1	1	2		76	18	49	14	27	4	4	1	7	1	8	1	2		2	1	4			
STRANGULATION	5	1	4	1	3		1											1	4	1	4																
OTHERS*	8	5	3	5	3					2		2						3	3	2	3	1			1												
TOTAL	183	131	52	114	41	16	11	1		13	3	8	2	3	1	2		118	49	70	40	48	9	6	4	12	1	12	2	5	1	2	1	9	2		

* Coronary Episode during an Altercation, Heat Stroke, Neglect and Struck by Motor Vehicle.

MODE-AGE GROUPS

TABLE 67

MODE	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
ASPHYXIA	1																																					1		1	
ARSON		1		3	3	1							1		1						1																	4	8	12	
ASSAULT	2								1	2			2	3	4			1	2		1		2		2									1		1	1		17	8	25
CUTTING AND STABBING							1		3		4	1	3	4	5	2	1	1	2	1			1			1												20	10	30	
SHOOTING		1				1	4		8	1	12	4	17	2	20	1	9	2	8		1	1	1		1	1	2	2		1						1	83	19	102		
STRANGULATION										1	1			3																								1	4	5	
OTHERS		1				1		1							2				1				1		1												5	3	8		
TOTAL	3	3		3	3	2	6		13	3	17	6	22	13	31	4	10	4	13	1	3	1	4	1	3	3	2	2		1		3		1	1	1	131	52	183		

HOMICIDES (JUSTIFIABLE)

PLACE OF OCCURRENCE-CIRCUMSTANCES-ASSAILANTS

VICTIMS-ALCOHOL INCIDENCE

TABLE 68

ASSAILANTS	TOTAL	NOT TESTED												TESTED						STAGES																		
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
<u>HOME CIRCUMSTANCES:</u>																																						
During or following the commission or attempted commission of a felony																																						
Acquaintance	1	1		1													1				1						1											
Police	4	4		4												4	3				1															1		
Stranger	1	1		1												1	1																					
Self-Defense																																						
Wife	1	1		1												1	1																					
<u>PUBLIC CIRCUMSTANCES:</u>																																						
During or following the commission or attempted commission of a felony																																						
Police	1	1		1												1					1					1												
Security Guard	1	1		1												1					1				1													
TOTAL	9	9		9												9	5				4				2	1									1			

HOMICIDES (NON-JUSTIFIABLE)

PLACE OF OCCURRENCE-CIRCUMSTANCES-ASSAILANTS

VICTIMS-ALCOHOL INCIDENCE

TABLE 69

ASSAILANTS	TOTAL	NOT TESTED												TESTED						STAGES																			
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
HOME CIRCUMSTANCES:																																							
During or following an argument																																							
Acquaintance	18	13	5	13	5													13	5	8	4	5	1	1	1			1		1						2			
Relative																																							
Brother	2	2		2														2		1		1		1															
Brother-in-law	1	1				1				1		1								1																			
Spouse	5	1	4	1	3		1											1	4	1	2		2			1		1											
Uncle	1	1		1														1				1														1			
During or following the commission or attempted commission of a felony																																							
Acquaintance	4	1	3	1	3													1	3		2	1	1			1						1							
Stranger	2	2		2														2				2				1				1									
Unknown	3	1	2	1	1		1											1	2	1	2																		
Unknown Acquaintance	11	6	5	5	4	1	1											6	5	3	4	3	1	1	1	1				1									
Relative																																							
Father	1	1		1						1				1																									
Sister	1	1		1													1																						
Unknown	9	6	3	5	3	1					1		1				6	2	6	2																			
Other																																							
Acquaintance	21	17	4	12	3	5	1			2		2					15	4	10	4	5				1		2						1			1			
Relative																																							
Brother	3	3		3													3		3																				
Father	3	2	1	2	1					1	1			1	1		1		1																				
Mother	7	4	3	3	3	1				1				1			3	3	3	3																			
Sister	1		1				1										1				1																		
Son	4		4		2		2										4		4																				
Spouse	3	1	2	1	2						1		1				1	1	1	1																			
Stepson	1	1		1													1																						
TOTAL	101	64	37	55	30	9	7			6	3	3	2	3	1		58	34	39	29	19	5	2	2	4	1	4	1	3	1	1	1	4	1	1	1			

HOMICIDES IN COUNTY OF CUYAHOGA 1963-1987

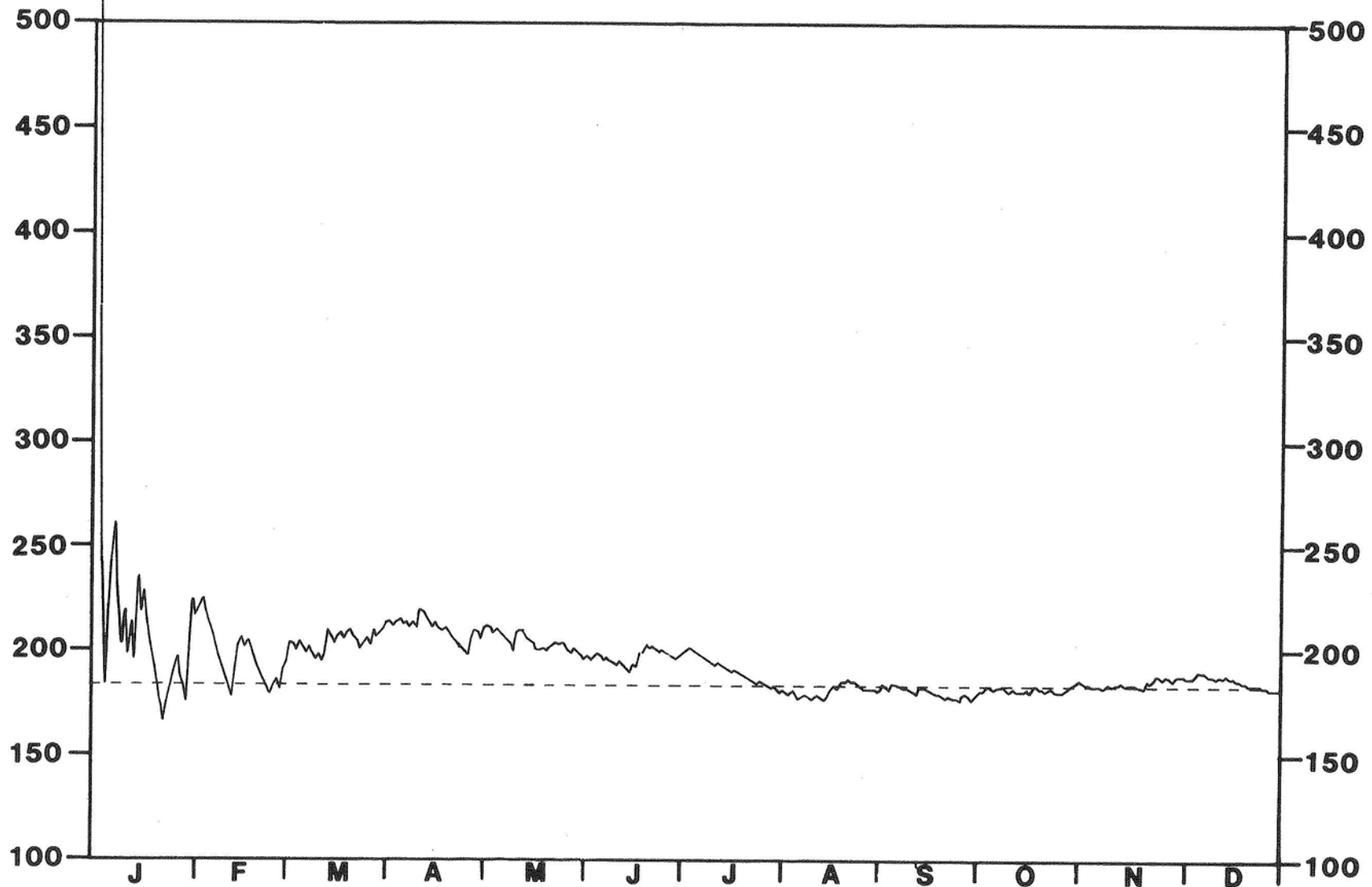
(INCLUDES CULPABLE AND JUSTIFIABLE HOMICIDES)

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*
1963	114	62	54.39	19	26	4	3
1964	137	83	60.58	17	30	5	2
1965	129	86	66.67	17	21	3	2
1966	166	111	66.87	15	35	3	2
1967	185	117	63.24	15	34	5	14
1968	210	167	79.52	16	26	1	0
1969	317	254	80.13	29	29	1	4
1970	310	242	78.06	23	34	6	5
1971	324	265	81.79	24	28	4	3
1972	363	287	79.06	33	23	16	4
1973	327	271	82.87	24	20	10	2
1974	362	301	83.14	19	28	11	3
1975	351	274	78.06	29	30	7	11
1976	305	238	78.03	23	29	8	7
1977	300	233	77.67	27	31	6	3
1978	268	211	78.73	17	26	12	2
1979	325	236	72.62	32	37	5	15
1980	314	233	74.20	32	29	6	14
1981	269	208	77.32	25	21	8	7
1982	251	168	66.93	32	36	4	11
1983	196	126	64.29	22	32	8	8
1984	202	121	59.90	34	33	10	4
1985	188	117	62.23	19	32	10	10
1986	169	114	67.46	21	22	4	8
1987	183	102	55.74	25	30	5	21

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

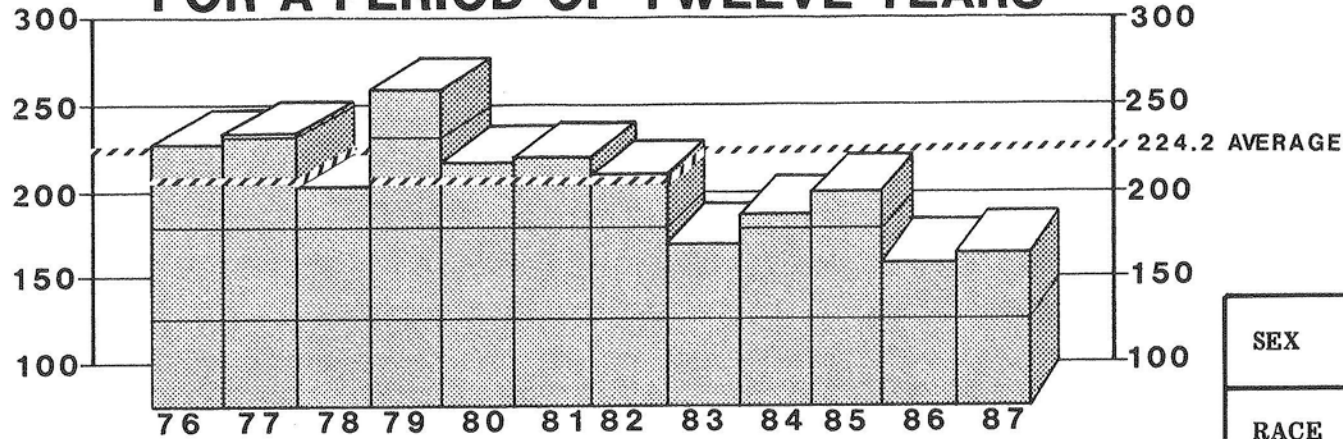
MOVING PROJECTED ANNUAL HOMICIDE TOTAL



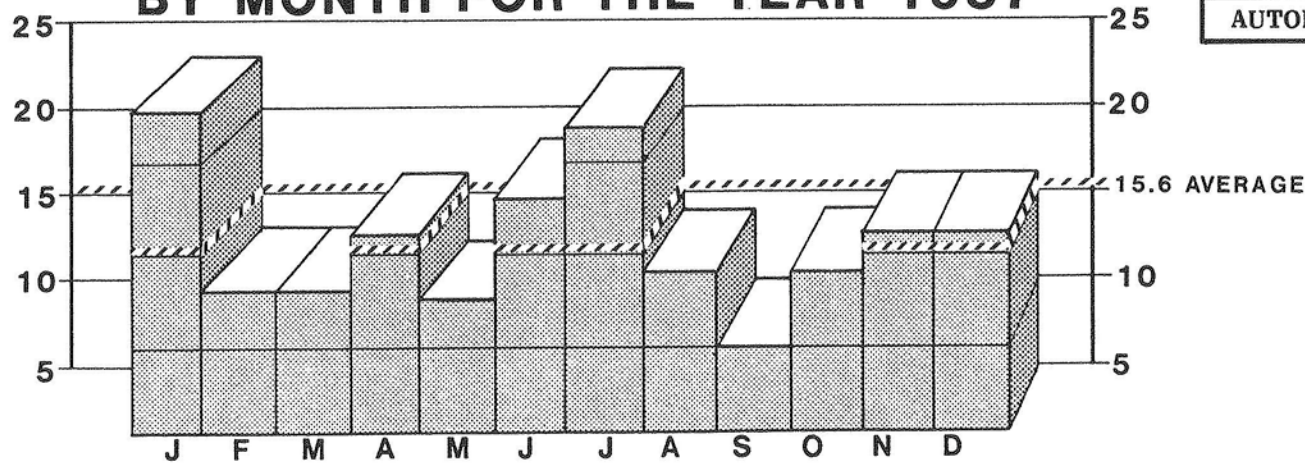
In order to establish the direction of annual numerical trends in homicidal deaths in our jurisdictional area, in 1984 we initiated a daily, graphic, "moving projected total" of culpable and justifiable demises of this type. The formula for determining the projected annual total (PAT), i.e., the total 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



BY MONTH FOR THE YEAR 1987

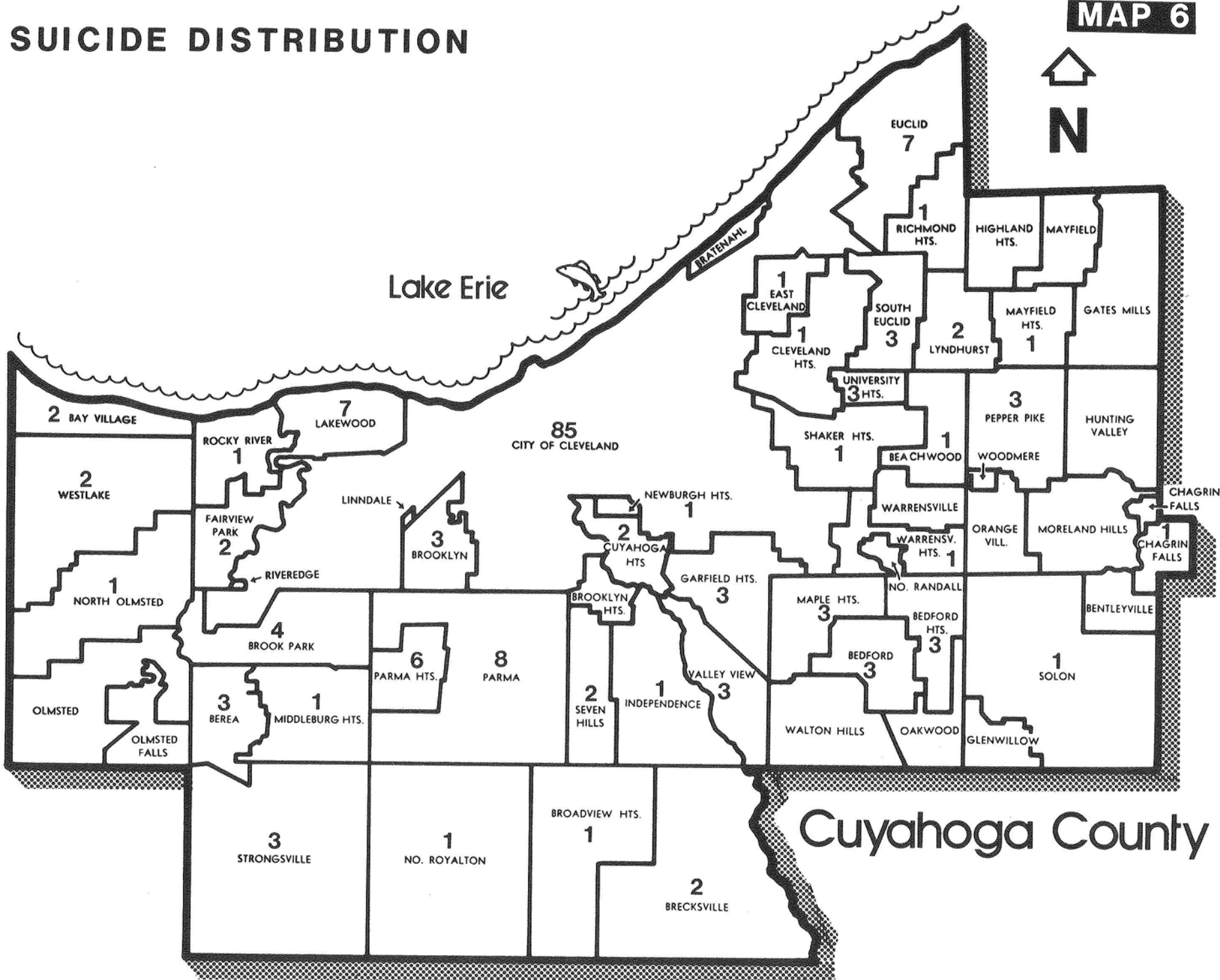


		NUMBER	PERCENT
SEX	MALE	144	77
	FEMALE	43	23
RACE	WHITE	155	83
	NON-WHITE	32	17
ALCOHOL	TESTED	179	96
	POSITIVE	58	32
AUTOPSY	AUTOPSIED	186	99

1987
TOTAL CASES
187

SUICIDE DISTRIBUTION

MAP 6



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	23	18	5	8	2	10	2		1									18	5	14	5	4				1		1					2					
FEBRUARY	13	9	4	4	3	5	1											9	4	6	3	3	1	1							1	1	1					
MARCH	13	9	4	5	3	3	1	1		1		1						8	4	6	1	2	3		1	1				1	2							
APRIL	16	13	3	4		8	3	1		2		2						11	3	6	3	5		2		1		1			1							
MAY	12	8	4	4	2	4	2											8	4	3	3	5	1			1	1	1		1		1		1				
JUNE	18	13	5	9	1	4	3		1									13	5	7	4	6	1			2		1	1	1				1		1		
JULY	22	15	7	9	2	5	5	1		1	2	1			2			14	5	7	3	7	2	1	1	1		2	1	2				1				
AUGUST	14	11	3	7		3	2	1	1									11	3	10	2	1	1		1				1									
SEPTEMBER	10	9	1	4		5	1			1		1						8	1	7	1	1						1										
OCTOBER	14	11	3	9		2	3											11	3	7	3	4						2					1		1			
NOVEMBER	16	14	2	4		10	2			1		1						13	2	9	1	4	1			2		1	1					1				
DECEMBER	16	14	2	4	1	9	1	1										14	2	9	1	5	1	1				3						1	1			
TOTAL	187	144	43	71	14	68	26	5	3	6	2	6			2		138	41	91	30	47	11	5	3	9	1	6	3	13	2	5	1	6	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	F
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	5	4	1								4	1	4	1																	
	Non-White																															
20 - 24	White	14	13	1								13	1	9	1	4			2			1						1				
	Non-White	3	3		1		1					2		1		1						1										
25 - 29	White	16	12	4								12	4	8	2	4	2				1	1	1	2				1				
	Non-White	7	6	1		1				1		6		3		3		1	2													
30 - 34	White	14	12	2								12	2	4	1	8	1	1	3	1		2							2			
	Non-White	5	3	2								3	2	1	1	2	1					1			1	1						
35 - 39	White	21	13	8								13	8	6	7	7	1	1			2	1	1	1			2					
	Non-White	1	1									1		1																		
40 - 44	White	12	9	3		1					1	9	2	4	1	5	1	1	1		1	1	1						1			
	Non-White	1	1									1				1					1											
45 - 49	White	7	4	3								4	3	1	1	3	2			1		1	1	1	1							
	Non-White	3	3		1		1					2		1		1		1														
50 - 54	White	8	7	1								7	1	6	1	1													1			
	Non-White	1	1									1				1						1										
55 - 59	White	16	14	2								14	2	12	2	2						1					1					
	Non-White																															
60 - 64	White	12	8	4	1		1					7	4	6	3	1	1					1	1									
	Non-White	6	6		1		1					5		3		2						1		1								
65 - 69	White	6	4	2								4	2	4	2																	
	Non-White																															
70 - 74	White	10	7	3	2		2					5	3	4	3	1				1												
	Non-White	2	1	1								1	1	1	1																	
75 - 79	White	7	4	3								4	3	4	2		1		1													
	Non-White	1	1										1				1		1													
80 - over	White	5	4	1								4	1	4	1																	
	Non-White	1	1									1		1																		
TOTAL	White	155	117	38	3	1	3				1	114	37	78	28	36	9	3	2	7	1	5	3	9	2	4		5	1	3		
	Non-White	32	27	5	3	1	3				1	24	4	13	2	11	2	2	1	2		1		4	1	1	1					
GRAND TOTAL		187	144	43	6	2	6				2	138	41	91	30	47	11	5	3	9	1	6	3	13	2	5	1	6	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	M	F	M	F	M	F	M	F
ASPHYXIA	38	30	8	14	3	15	4	1	1		1					1	30	7	17	4	13	3	1		6	1	1	1	3		1		1	1			
BURNING	1	1		1						1		1																									
CARBON MONOXIDE	24	17	7	5	2	11	4	1	1		1				1	17	6	11	4	6	2	1	1	1		1		1	1	2							
CUTTING AND STABBING	3	2	1			1	1	1		2		2					1		1																		
JUMPING	7	4	3	3	1	1	2									4	3	4	3																		
POISONING	22	12	10	3	3	8	7	1								12	10	8	9	4	1	1		1		2	1										
SHOOTING	91	78	13	45	5	32	7	1	1	3		3				75	13	51	8	24	5	2	2	1		2	1	9	1	2	1	5		3			
OTHER*	1		1				1									1		1																			
TOTAL	187	144	43	71	14	68	26	5	3	6	2	6			2	138	41	91	30	47	11	5	3	9	1	6	3	13	2	5	1	6	1	3			

* Placed Self on Railroad Tracks and was run over by Train.

SUICIDES

POISONING-ALCOHOL INCIDENCE

TABLE 74

POISONING	TOTAL	Total		Cleve.		County		Out of County		NOT TESTED						TESTED						STAGES											
		M	F	M	F	M	F	M	F	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						
Single Chemical Agent:																																	
Desipramine	2	1	1	1			1									1	1	1	1														
Diazepam	1		1				1										1		1														
Doxepin	2	2				2										2		2															
Hydrochloric Acid	1	1				1										1		1															
Imipramine	2	1	1		1	1										1	1	1	1														
Loxapine	1	1				1										1			1														
Lysol	1		1				1										1		1														
Phenobarbital	1		1		1												1		1														
Salicylate (Oil of Wintergreen)	1	1				1										1		1															
Combined Effect of Ethanol And:																																	
Nortriptyline	1	1		1												1			1														
Propoxyphene	1	1		1												1			1														
Doxepin and Chlordiazepoxide	1	1					1									1			1						1								

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		
(continued) Combined Effect of Ethanol And: Pentobarbital, Amitriptyline and Propoxyphene	1		1																																				
Combined Effect of Two Chemical Agents: Codeine and Morphine	1	1					1																																
Codeine and Xanax	1		1		1																																		
Desipramine and Chlorpromazine	1		1				1																																
Nortriptyline and Thioridazine	1		1				1																																
Propoxyphene and Diazepam	1		1				1																																
Propoxyphene and Cocaine	1	1					1																																
TOTAL	22	12	10	3	3	8	7	1								12	10	8	9	4	1	1		1		2	1												

SUICIDES

MODE-AGE GROUPS

TABLE 75

MODE	Under 1 Year		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 34		35 - 39		40 - 44		45 - 49		50 - 54		55 - 59		60 - 64		65 - 69		70 - 74		75 - 79		80-over		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
ASPHYXIA						2		1		3		3	3	8	1	3	2	1							2		2		2	1	2	1			1		30	8	38
BURNING																											1										1		1
CARBON MONOXIDE								2	1	1		1		2		1		1	2	2	1	3		4	1					1		1				17	7	24	
CUTTING AND STABBING																											1			2							2	1	3
JUMPING										1		2				1								1			1	1									4	3	7
POISONING							1					5	1			1	3	1	1	1	1	1	1		1		1		1			1	1		1	12	10	22	
SHOOTING						1				11	1	7		5	3	9	2	7		4	1	4		7	1	10	1	2		4	2	3	2	4		78	13	91	
OTHER														1																							1		1
TOTAL						3		4	1	16	1	18	5	15	4	14	8	10	3	7	3	8	1	14	2	14	4	4	2	8	4	4	4	5	1	144	43	187	

SUICIDES

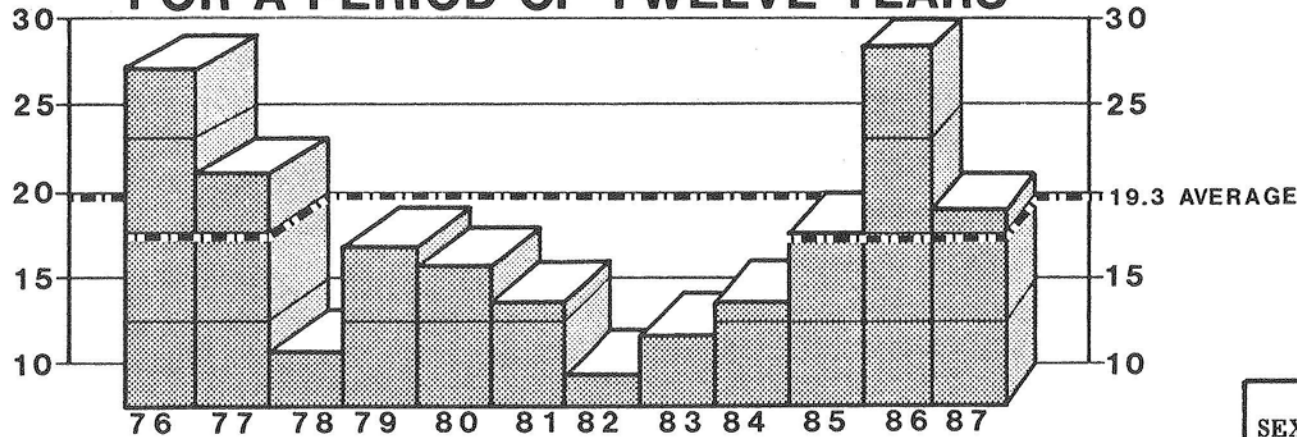
MODE-GEOGRAPHICAL LOCATION AND MARITAL STATUS

TABLE 76

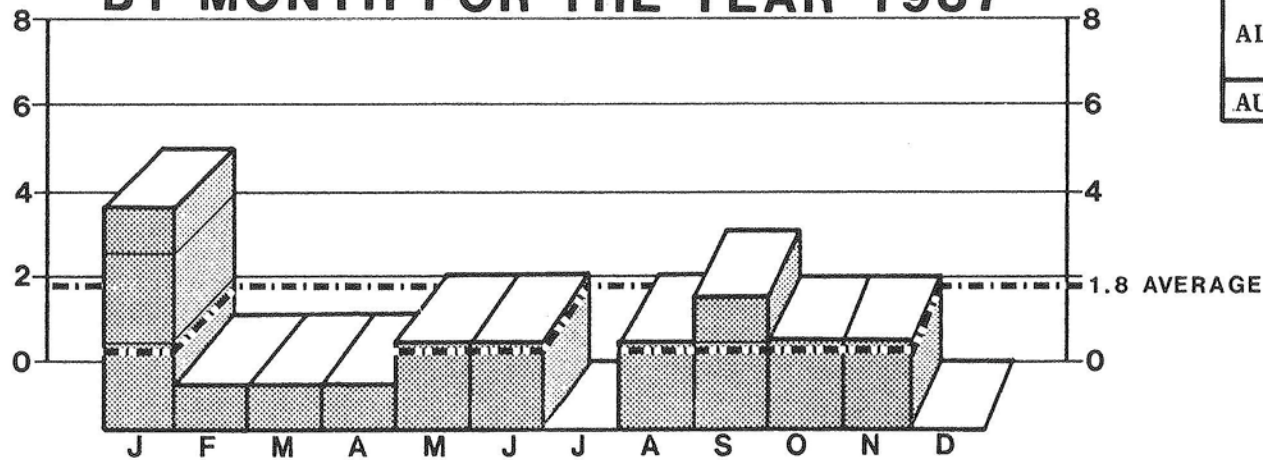
MODE	CLEVELAND												COUNTY												OUT OF COUNTY												GRAND TOTAL	
	MARRIED		SINGLE		WIDOWED		DIVORCED		UNKNOWN		TOTAL		MARRIED		SINGLE		WIDOWED		DIVORCED		UNKNOWN		TOTAL		TOTAL													
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F										
ASPHYXIA	7	1	5	2	1		1					14	3	7	2	5	1	1		2	1			15	4	1	1					1	1	30	8	38		
BURNING							1					1																						1		1		
CARBON MONOXIDE	4	1					1	1				5	2	7	1	3	2		1	1				11	4	1	1					1	1	17	7	24		
CUTTING AND STABBING														1	1									1	1			1						2	1	3		
JUMPING			3	1								3	1	1	1								1		1	2								4	3	7		
POISONING	1	1	2	1				1				3	3	3		4	3		3	1	1			8	7				1			1		12	10	22		
SHOOTING	18		13	2	5	3	8		1			45	5	12	2	7	1	4	2	9	2			32	7	1	1					1	1	78	13	91		
OTHERS																				1					1										1		1	
TOTAL	30	3	23	6	6	3	11	2	1			71	14	31	7	19	7	5	6	13	6			68	26	1	3	2		1		1		5	3	144	43	187

VIOLENCE OF UNDETERMINED ORIGIN

FOR A PERIOD OF TWELVE YEARS



BY MONTH FOR THE YEAR 1987



		NUMBER	PERCENT
SEX	MALE	8	38
	FEMALE	13	62
RACE	WHITE	14	67
	NON-WHITE	7	33
ALCOHOL	TESTED	18	86
	POSITIVE	2	11
AUTOPSY	AUTOPSIED	19	90

1987
TOTAL CASES
21

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	5	1	4	1	3		1											1	4	1	4																
FEBRUARY	1	1		1														1		1																	
MARCH	1		1				1												1		1																
APRIL	1	1		1														1					1				1										
MAY	2		2				2												2		2																
JUNE	2	1	1				1	1		1		1							1		1																
JULY	0																																				
AUGUST	2	2					2			1					1			1		1																	
SEPTEMBER	3	1	2		2	1												1	2		2	1		1													
OCTOBER	2		2		2						1				1				1		1																
NOVEMBER	2	1	1		1	1												1	1	1	1																
DECEMBER	0																																				
TOTAL	21	8	13	3	8	4	5	1		2	1	1				1	1	6	12	4	12	2		1		1											

FATALITIES FROM VIOLENCE OF UNDETERMINED ORIGIN

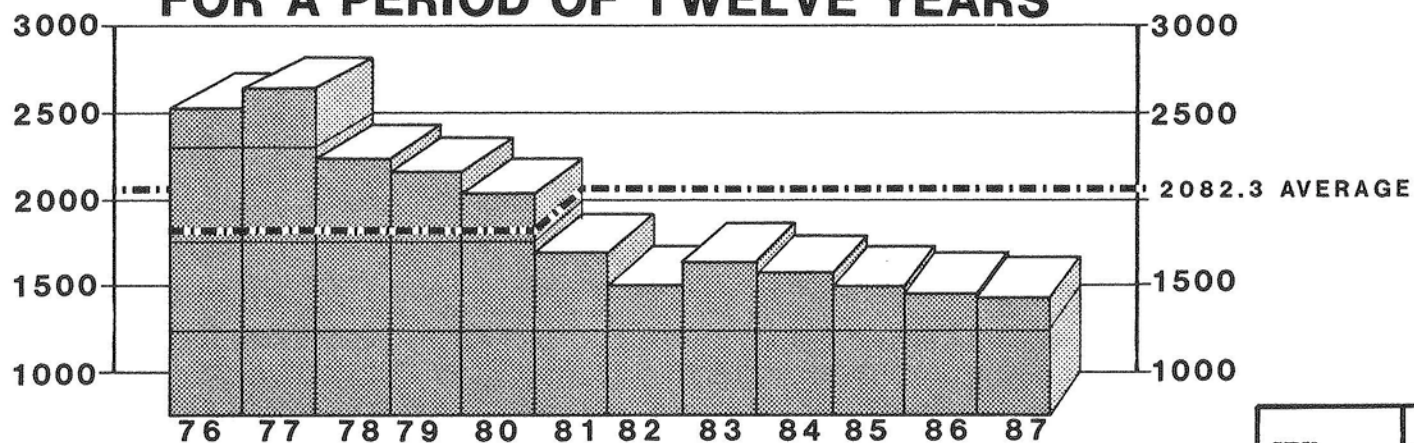
CAUSE OF DEATH-ALCOHOL INCIDENCE

TABLE 78

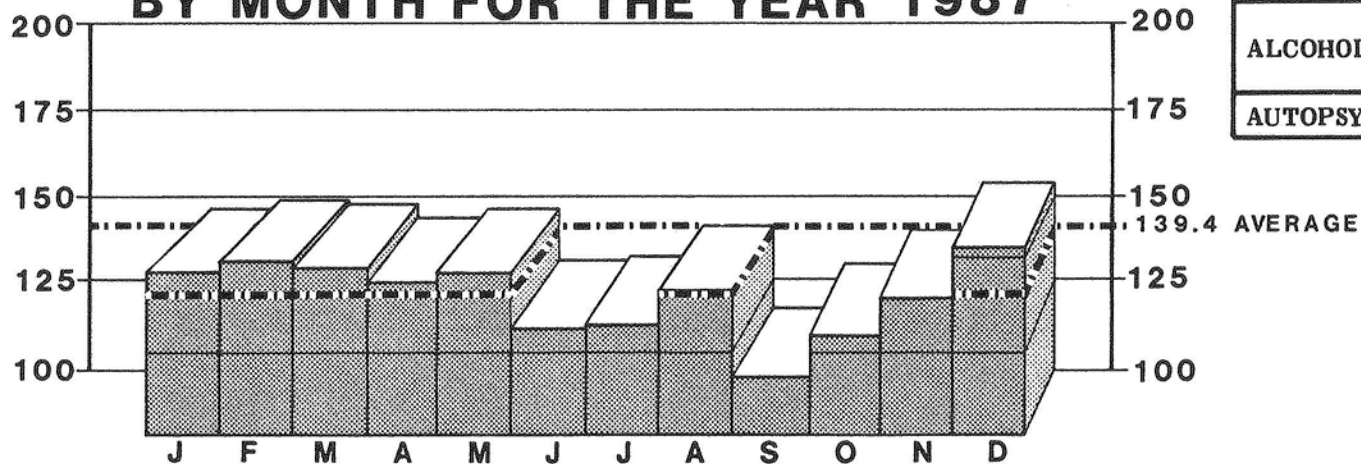
CAUSE OF DEATH	TOTAL	NOT TESTED																		TESTED						STAGES											
		Total		Cleve.		County		Out of County		Total		Surv'd Too Long		Under Age		Other		Total		Neg.		Pos.		0.01% 0.04%		0.05% 0.09%		0.10% 0.14%		0.15% 0.19%		0.20% 0.24%		0.25% 0.29%		0.30% or over	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
BURNING	3	1	2		1		1	1		1		1							2		2																
CARBON MONOXIDE	4	1	3	1	3													1	3	1	3																
DROWNING	2	2		1		1												2		1		1			1												
INJURY TO BODY	2		2		2					1					1				1		1																
POISONING	6	2	4		1	2	3											2	4	1	4	1		1													
SHOOTING	2	1	1	1	1													1	1	1	1																
UNDETERMINED	2	1	1			1	1			1					1				1		1																
TOTAL	21	8	13	3	8	4	5	1		2	1	1			1	1		6	12	4	12	2		1		1											

NATURAL CAUSES

FOR A PERIOD OF TWELVE YEARS



BY MONTH FOR THE YEAR 1987



		NUMBER	PERCENT
SEX	MALE	1036	62
	FEMALE	637	38
RACE	WHITE	1085	65
	NON-WHITE	588	35
ALCOHOL	TESTED	1425	85
	POSITIVE	124	9
AUTOPSY	AUTOPSIED	546	33

1987
TOTAL CASES
1673

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	M
JANUARY	146	100	46	18	15	4	2	2	2	12	11	82	31	75	30	7	1	2	1	3							1				1	
FEBRUARY	149	95	54	11	10	3	2	1	2	7	6	84	44	78	42	6	2		1	1		1	1	2				1		1		
MARCH	147	88	59	10	12	3	3		1	7	8	78	47	69	43	9	4	3	2	3		1		1	1			1			1	
APRIL	143	99	44	10	4	3		1		6	4	89	40	83	37	6	3	2		1	1	1				1				1	2	
MAY	146	87	59	14	10	4	1	1		9	9	73	49	61	44	12	5	5	1		1			1	2	4	1			2		
JUNE	131	81	50	12	12	4	1			8	11	69	38	61	38	8		2		2		3		1								
JULY	132	60	72	8	12		1		1	8	10	52	60	44	57	8	3	4	2	1	1	2								1		
AUGUST	141	91	50	12	6	3	1	1	1	8	4	79	44	72	40	7	4	4	4	2				1								
SEPTEMBER	117	82	35	16	6	4				12	6	66	29	60	27	6	2	3			1	1		1		1					1	
OCTOBER	129	79	50	8	7	1	1	1	1	6	5	71	43	63	40	8	3	4	2	1						3	1					
NOVEMBER	139	85	54	12	11	2	1	1		9	10	73	43	66	41	7	2	4					1	2	1					1		
DECEMBER	153	89	64	7	5	1	2			6	3	82	59	75	55	7	4			3	2	1		1	1	2			1			
TOTAL	1673	1036	637	138	110	32	15	8	8	98	87	898	527	807	494	91	33	33	13	17	6	11	3	9	4	12	2	2	1	7	4	

DEATHS FROM NATURAL CAUSES

INTERNATIONAL CODE OF CAUSES OF DEATH LISTED BY MONTH

TABLE 81

CLASSIFICATION OF DISEASES BY CODE*	JAN.		FEB.		MAR.		APRIL		MAY		JUNE		JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		TOTAL		GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Infective and Parasitic Diseases			1								1						1	1			1		1	3	3	6	
Neoplasms	9	1	1	3	1	4	2	1	2	4	1		3	3	5	1	3		1		1	2	1	2	30	21	51
Allergic, Endocrine System, Metabolic and Nutritional Diseases					1						1				1	1			1				1	2	2	4	
Diseases of the Blood and Blood-forming Organs				1					1															1	1	2	
Mental, Psychoneurotic and Personality Disorders**			2	1	2	1	1	1					1		1	1			1					7	5	12	
Diseases of the Nervous System and Sense Organs		1	1		1	1	1		1								2	2		1	1	1		1	7	7	14
Diseases of the Circulatory System	82	37	81	42	76	46	83	37	68	49	70	44	51	63	73	43	68	27	69	41	67	44	78	51	866	524	1390
Diseases of the Respiratory System	2	1	4	1	2		2	1	4		1	1	1		1		1		1	3	5	1	1	2	25	10	35
Diseases of the Digestive System ****	2		1	2	3	3	4	1	10	3	5	2	3	2	5	1	5	2	5	3	3	3	4	2	50	24	74
Diseases of the Genito-urinary System						1	1																1		2	1	3
Deliveries and Complications of Pregnancy, Childbirth and the Puerperium																											0
Diseases of the Skin and Cellular Tissue				1		1										1									1	2	3
Diseases of the Bones and Organs of Movement											1										1				2		2
Congenital Malformations	1		1					1	1						1	1								4	3	7	
Certain Diseases of Early Infancy																											0
Symptoms, Senility and Ill-defined Conditions***	4	6	2	4	2	2	5	2		3	2	2	1	4	5	2	2	3	2	1	7	1	4	4	36	34	70
TOTAL	100	46	95	54	88	59	99	44	87	59	81	50	60	72	91	50	82	35	79	50	85	54	89	64	1036	637	1673

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

** In Mental, Psychoneurotic and Personality Disorders 12 were due to Alcoholism.

*** Sudden Unexpected Infant Deaths Totaled 46.

**** Alcoholism with associated Physical Disease Totaled 31.

AUTOPSIES - DEATHS FROM NATURAL CAUSES

INTERNATIONAL CODE OF CAUSES OF DEATH LISTED BY MONTH

TABLE 82

CLASSIFICATION OF DISEASE 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	3	4	
Neoplasms	1	1		1	1	1				1			1	2	2	1	1		1			2		1		7	10	17
Allergic, Endocrine System, Metabolic and Nutritional Diseases					1							1					1							1	2	2	4	
Diseases of the Blood and Blood-forming Organs																											0	
Mental, Psychoneurotic and Personality Disorders**			2		1	1	1	1					1		1	1				1						6	4	10
Diseases of the Nervous System and Sense Organs		1	1		1				1								2	1		1	1	1		1	6	5	11	
Diseases of the Circulatory System	19	8	21	12	16	10	19	8	19	13	16	9	21	12	19	9	16	9	23	9	19	10	26	14	234	123	357	
Diseases of the Respiratory System	1	1	1		1		2	1	3				1				1		1	2	4	1	1	1	16	6	22	
Diseases of the Digestive System****	1		1	1	1	1	3	1	9	2	2	1	1	2	2	1	5	1	6	2	2	1	2	1	35	14	49	
Diseases of the Genito-urinary System					1	1																1			2	1	3	
Deliveries and Complications of Pregnancy, Childbirth and the Puerperium																											0	
Diseases of the Skin and Cellular Tissue					1																					1	1	
Diseases of the Bones and Organs of Movement																											0	
Congenital Malformations			1					1								1							1		1	3	4	
Certain Diseases of Early Infancy																											0	
Symptoms, Senility and Ill-defined Conditions ***	3	4	2	4	2	2	5	2		2	2	2	1	4	5	2	2	2	2	1	7	1	4	3	35	29	64	
TOTAL	25	15	30	18	24	17	31	14	32	18	20	13	26	20	29	15	28	14	33	16	33	17	34	24	345	201	546	

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

** In Mental, Psychoneurotic and Personality Disorders 10 were due to Alcoholism.

*** Sudden Unexpected Infant Deaths Totaled 46.

**** Alcoholism with associated Physical Disease Totaled 27.

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	5	5	3	4	2	2	5	2	1	2	2	2	1	4	4	2	3	1	2	1	6	3	5	2	39	30	69
1 - 4							1	1							1		1						2		2	5	7
5 - 9	1								1								1					1			4		4
10 - 14								1					1	1					1		1				3	2	5
15 - 19				1					1						1										2	1	3
20 - 24					1				1				1						2	1					5	1	6
25 - 29		1	1	2	2				1	2			1	2	2		1			2			2		10	9	19
30 - 34	1			1	1	3	2				1	1	2	1	5	1	2	1	1		2		1	3	18	11	29
35 - 39	3	1	4	1	1	1	1	1	3	2	2	3	4	2	3		2	2	2	1	1	2	3	4	29	20	49
40 - 44		1	6	2	5	1	6	2	4	2	3	1	1	2	3	3	6	3	4		3		1	2	42	19	61
45 - 49	6	2	3	2	5	2	6	1	3	2	3	1	4		3	2	4	2	4	2	4	4	4	3	49	23	72
50 - 54	7	6	5	1	6	3	6	1	5	1	1	2	7	3	8	1	6	1	7	1	7	3	5	1	70	24	94
55 - 59	12	1	8	1	10	4	12	3	12	2	8	3	7	5	12	3	6	1	7	1	10	3	14	4	118	31	149
60 - 64	11	5	17	3	7	6	13	4	12	9	15	6	7	6	11	6	15	1	8	3	15	5	9	7	140	61	201
65 - 69	14	4	19	8	22	11	15	4	16	6	16	9	5	11	10	5	11	5	13	7	9	6	10	14	160	90	250
70 - 74	12	2	7	6	6	9	9	6	10	9	14	7	8	6	7	5	10	3	10	7	6	7	16	7	115	74	189
75 - 79	15	7	11	6	7	6	14	9	9	9	6	6	3	14	9	8	9	2	10	9	11	7	12	5	116	88	204
80-over	13	11	11	16	13	11	9	9	8	13	10	9	8	15	13	13	6	12	7	15	10	14	6	10	114	148	262
TOTAL	100	46	95	54	88	59	99	44	87	59	81	50	60	72	91	50	82	35	79	50	85	54	89	64	1036	637	1673

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	4	4	3	4	2	2	5	2	1	2	2	2	1	3	3	2	3	1	2	1	6	2	5	3	37	28	65	
1 - 4							1	1								1								2	1	4	5	
5 - 9	1								1								1						1		4		4	
10 - 14								1					1	1					1		1				3	2	5	
15 - 19				1					1																1	1	2	
20 - 24					1								1						2	1					4	1	5	
25 - 29		1	1	1	1				1	1			1	2	2		1			2			2		9	7	16	
30 - 34				1	1	3	2				1		2	2	4	1	2	1	1		2		1	3	16	11	27	
35 - 39	3	1	4		1	1	1	1	2	1	2	3	3	2	2		2	1	2	1	1	2	2	2	3	25	16	41
40 - 44		1	6	2	3		4	1	4	2	2	1		1	2	3	4	3	4		2		1	1	32	15	47	
45 - 49	4	1	2	2	3	1	5	1	2	1	1	1	4		2	1	4	1	4	2	2	3	4	2	37	16	53	
50 - 54	2	2	2	1	4	1	2	1	3	1		1	4	1	7		2	1	6	1	4	2	4		40	12	52	
55 - 59	5		3			2	2		4	1	1	1	1	1	2	2	2	1			2		3	2	25	10	35	
60 - 64	4	1	1		2		2	1	5	3	2	1	3	3	1		3	1	2	1	4	2	1	1	30	14	44	
65 - 69	1	1	1	1	3		2		5	1	4	2		1	1	1	1	1	2	1	4	3	1	3	25	15	40	
70 - 74	1			1	2	3	3		3	3	2		2			3	2	2	4	2	3	1	3		25	15	40	
75 - 79		1	4	1		1	1	3		1			1		2	1			1		2		4	2	15	10	25	
80-over		2	3	3	1	3	1	2		1	3	1	2	3	1		1	1	2	4		2	2	2	16	24	40	
TOTAL	25	15	30	18	24	17	31	14	32	18	20	13	26	20	29	15	28	14	33	16	33	17	34	24	345	201	546	

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	1														1	1	1	1																	3	
Neoplasms							1						2	1					1				5	1	4	3	6	2	5	1	4	2	2	2	3	6	30	21	51
Allergic, Endocrine System, Metabolic and Nutritional Diseases	1			1																			1												1		2	2	4
Diseases of the Blood and Blood-forming Organs																														1				1		1	1	2	
Mental, Psychoneurotic and Personality Disorders**												1		1	1	2		2	1		2				1											7	5	12	
Diseases of the Nervous System and Sense Organs	1	1		1	1								1			1	1			1				2				1				1	1		1		7	7	14
Diseases of the Circulatory System	1	1			2		1		1	1	3		4	4	11	4	20	10	29	12	39	18	61	19	103	24	125	55	147	87	106	70	109	83	104	136	866	524	1390
Diseases of the Respiratory System	4	1		1			1		1			1					2	1		2	1		2	1		4	2	4		2		2		3		25	10	35	
Diseases of the Digestive System ****				1	1		1				1		3	1	4	2	4	3	8	3	6	2	3	1	7	4	5	2	3		1	1	2	1	1	3	50	24	74
Diseases of the Genito-urinary System			1																											1	1						2	1	3
Deliveries and Complications of Pregnancy, Childbirth and the Puerperium																																							0
Diseases of the Skin and Cellular Tissue														1																				1	1		1	2	3
Diseases of the Bones and Organs of Movement																							1					1									2		2
Congenital Malformations	3	2					1			1																										4	3	7	
Certain Diseases of Early Infancy																																							0
Symptoms, Senility and Ill-defined Conditions***	29	24		1								2	2	1	2	3	3		1																1	1	36	34	70
TOTAL	39	30	2	5	4	3	2	2	1	5	1	10	9	18	11	29	20	42	19	49	23	70	24	118	31	140	61	160	90	115	74	116	88	114	148	1036	637	1673	

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

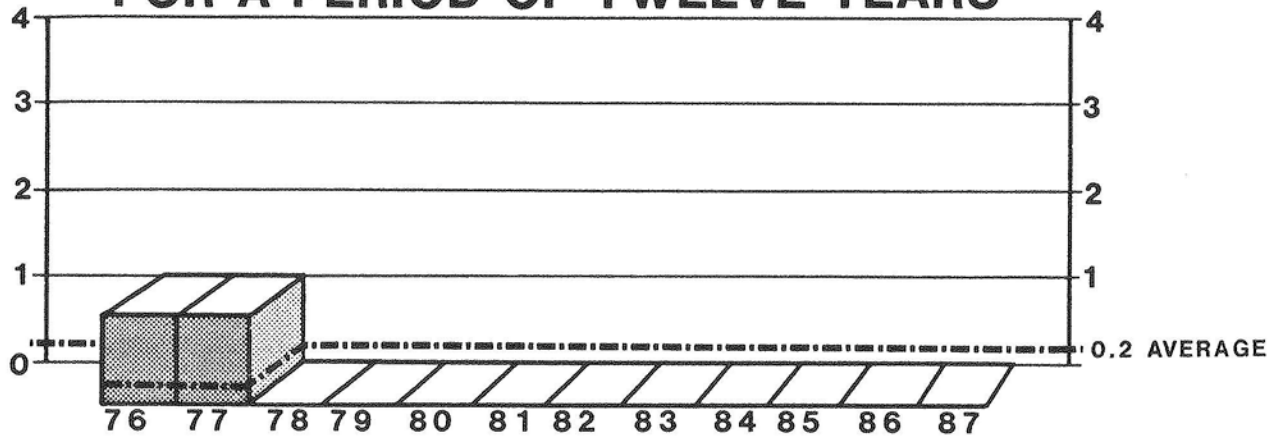
** In Mental, Psychoneurotic and Personality Disorders 12 were due to Alcoholism.

*** Sudden Unexpected Infant Deaths Totaled 46.

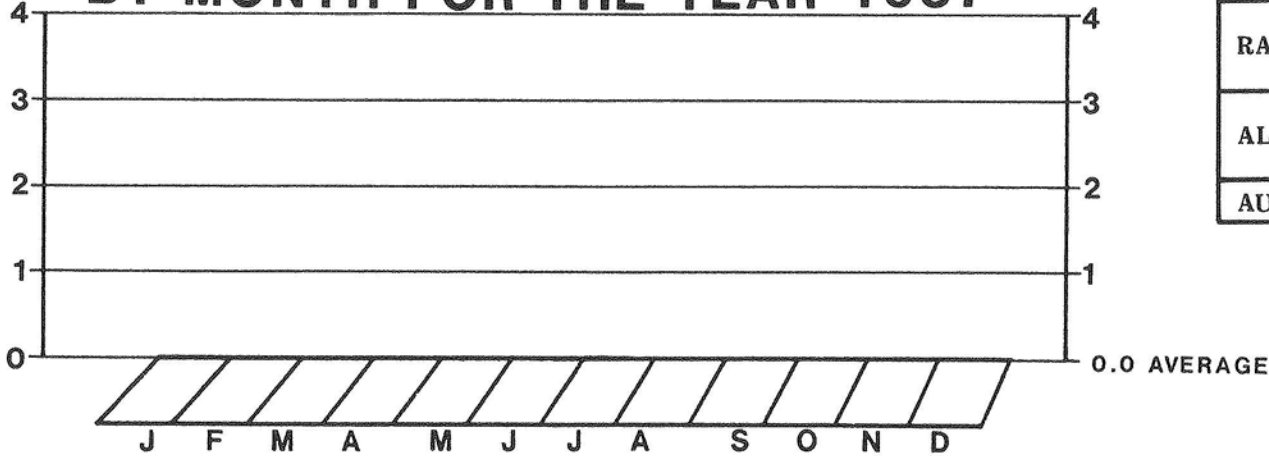
**** Alcoholism with associated Physical Disease Totaled 31.

ABORTIONS

FOR A PERIOD OF TWELVE YEARS



BY MONTH FOR THE YEAR 1987



		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

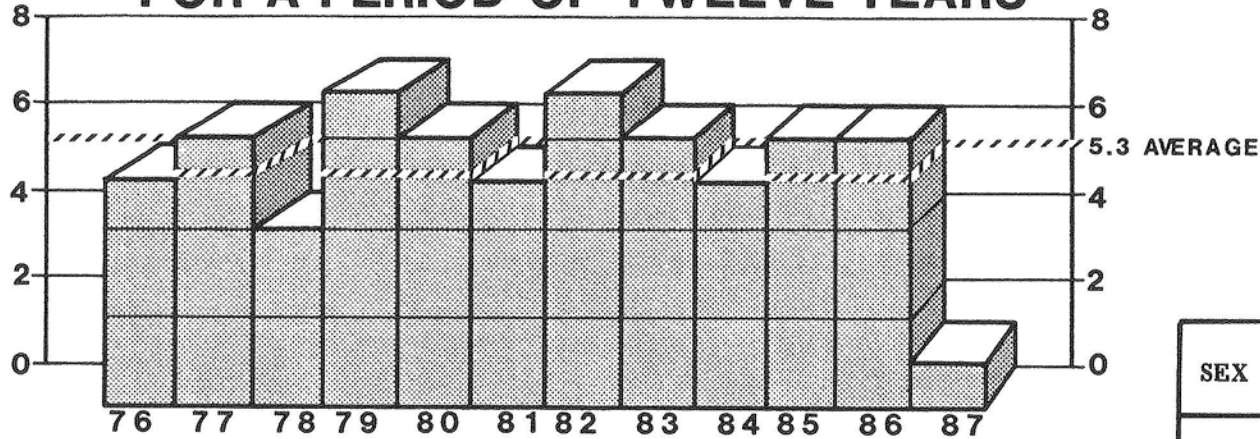
1987
TOTAL CASES
0

ABORTION FATALITIES**TABLE 87**

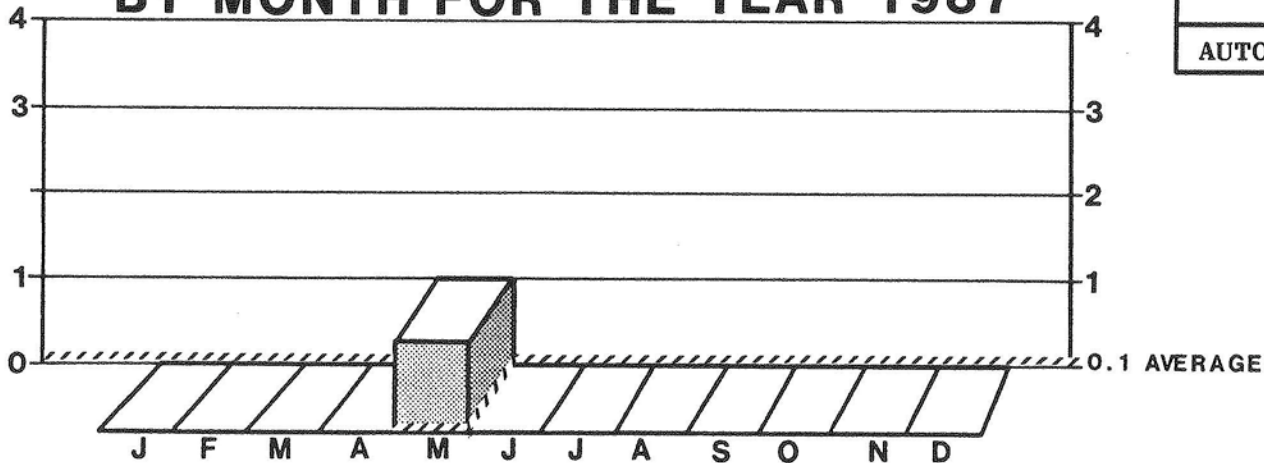
<p>NO FATALITIES RECORDED IN THIS CATEGORY IN 1987</p>

NEONATAL AND INTRA-UTERINE DEATHS

FOR A PERIOD OF TWELVE YEARS



BY MONTH FOR THE YEAR 1987



		NUMBER	PERCENT
SEX	MALE	1	100
	FEMALE	0	0
RACE	WHITE	0	0
	NON-WHITE	1	100
ALCOHOL	TESTED	0	0
	POSITIVE	0	0
AUTOPSY	AUTOPSIED	1	100

1987
TOTAL CASES
1

NEONATAL AND INTRA-UTERINE DEATHS *

BY MONTH AND AGE GROUPS

TABLE 88

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

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

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

GROUP I - Less than 20 completed weeks of gestation.

GROUP III - 28 completed weeks of gestation and over.

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

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

AUTOPSIES - NEONATAL AND INTRA-UTERINE DEATHS*

BY MONTH AND AGE GROUPS

TABLE 89

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

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

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

GROUP I - Less than 20 completed weeks of gestation.

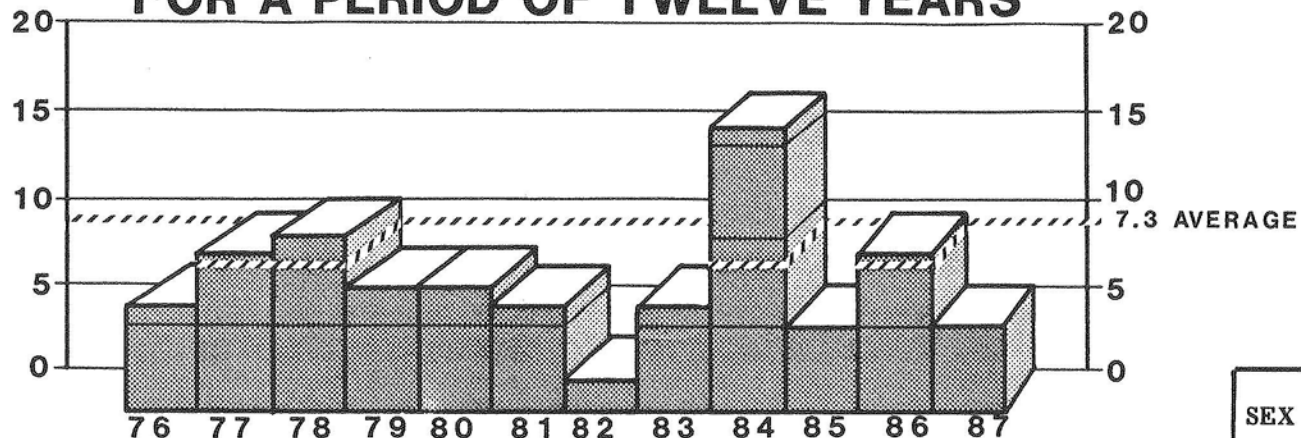
GROUP III - 28 completed weeks of gestation and over.

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

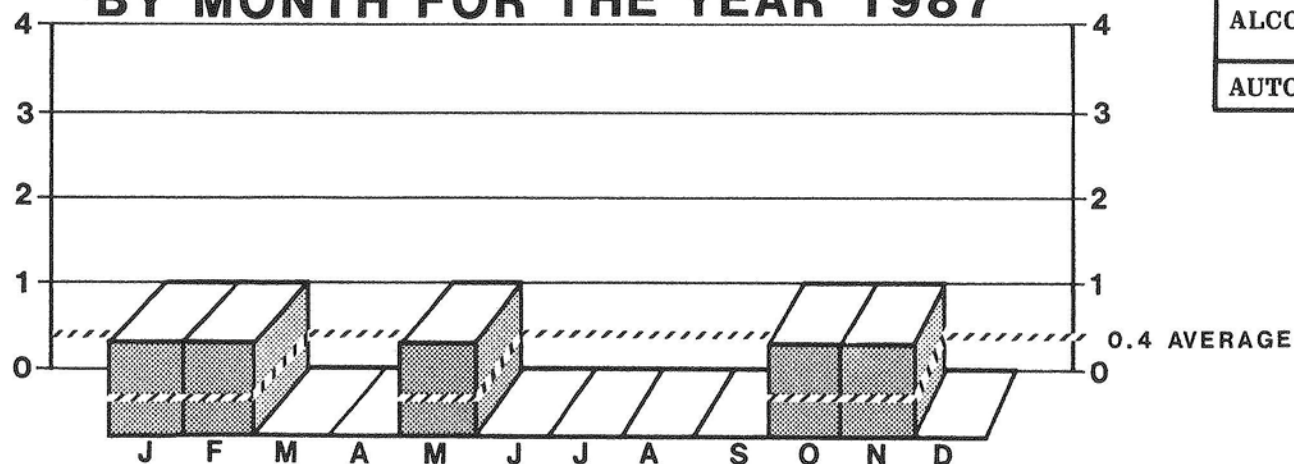
GROUP IV - Gestation period not classifiable in Group I, II and III.

UNDETERMINED CAUSES

FOR A PERIOD OF TWELVE YEARS



BY MONTH FOR THE YEAR 1987



		NUMBER	PERCENT
SEX	MALE	1	20
	FEMALE	4	80
RACE	WHITE	4	80
	NON-WHITE	1	20
ALCOHOL	TESTED	5	100
	POSITIVE	0	0
AUTOPSY	AUTOPSIED	5	100

1987
TOTAL CASES
5

DEATHS FROM UNDETERMINED CAUSES

TABLE 90

COLOR	SEX	AGE	MARITAL STATUS	DATE OF DEATH	OCCUPATION	WHERE DEATH OCCURRED	CASE NUMBER
White	Female	24	Married	1-17-87	Respiratory Therapist	Garfield Heights	197328
White	Male	21	Single	2-16-87	Student	Middleburg Heights	197549
White	Female	48	Married	5-19-87	Housewife	Middleburg Heights	198227
White	Female	1	Single	10-30-87	Infant	Cleveland	199398
Black	Female	57	Divorced	11-24-87	Inspector	Cleveland	199587

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

Advanced postmortem decomposition in no cases.

Toxicology examination and alcohol determination conducted on 5 cases.

Alcohol determination resulted in no positive cases and 5 negative cases.

TOXICOLOGY

INCIDENCE OF POISONINGS (%) IN TESTED INDIVIDUALS

TABLE 91

CUYAHOGA COUNTY CORONER'S OFFICE		
	NUMBER OF DECEDENTS	NUMBER OF FATAL POISONINGS
AUTOPSIED	1331 (49.1%)	128 (94.1%)
NON-AUTOPSIED	1382 (50.9%)	8 (5.9%)
TOTAL	2713 (100.0%)	136 (100.0%)
NO SAMPLES*	575 (21.2%)	9 (6.6%)

* No specimens submitted for toxicological analysis.

78.8% of Coroner's Cases were tested for toxicological analysis.

OUTSIDE REFERRING AGENCIES		
SOURCE	NUMBER	
HOSPITALS**	167 (34.8%)	
OTHER CORONER'S JURISDICTION	79 (16.5%)	
Autopsied cases	53 (11.0%)	
Samples received	26 (5.4%)	
PROFICIENCIES	29 (6.0%)	
POLICE	205 (42.7%)	
TOTAL	480 (100.0%)	

** Includes in-and out-patients

TOXICOLOGY LABORATORY REPORT

INCIDENCE AND FREQUENCY OF POSITIVE FINDINGS

TABLE 91A

SUBSTANCES	CUYAHOGA COUNTY CORONER'S LABORATORY CASES ¹					
	POSITIVE CASES			FATAL POISONINGS		
	INCIDENCE	% TOTAL CASES	% SAMPLES RECEIVED	INCIDENCE	% TOTAL CASES	% SAMPLES RECEIVED
Acetaminophen	103	3.80	4.82	20	14.71	26.00
Barbiturates (Total)	(36)	1.33	1.68	(7)	5.15	9.10
Butalbital	4	0.15	0.19	2	1.47	2.60
Pentobarbital	2	0.07	0.09	2	1.47	2.60
Phenobarbital	30	1.11	1.40	3	2.20	3.90
Benzodiazepine (Total)	(91)	3.36	4.26	(37)	27.21	48.10
Alprazolam ²	1	0.04	0.05	1	0.74	1.30
Chlor diazepam	4	0.15	0.19	2	1.47	2.60
Diazepam	32	1.18	1.50	13	9.56	16.90
n-Desmethylchlor diazepam	3	0.11	0.14	1	0.74	1.30
n-Desmethyldiazepam	43	1.59	2.01	18	13.24	23.40
Demoxepam	4	0.15	0.19	2	1.47	2.60
n-Desalkylflurazepam	2	0.07	0.09			
Flurazepam	1	0.04	0.05			
Oxazepam	1	0.04	0.05			
Brompheniramine	1	0.04	0.05			
Carbon Monoxide ²	67	2.47	3.13	57	41.91	74.10
Carbamazepine ²	8	0.30	0.37	1	0.74	1.30
Chlorpheniramine	7	0.26	0.33	2	1.47	2.60
Chlorpropamide	8	0.30	0.37			
Cocaine	41	1.51	1.92	10	7.35	13.00
Cocaine Metabolite	49	1.81	2.29	11	8.09	14.30
Corrosives	3	0.11	0.14	3	2.20	3.90
Dextromethorphan	5	0.18	0.23			
Diphenhydramine	20	0.74	0.94	1	0.74	1.30
Doxylamine	3	0.11	0.14	1	0.74	1.30
Ketamine	3	0.11	0.14			
Lidocaine	220	8.12	10.29	12	8.82	15.60
Meperidine	12	0.44	0.56			
Meprobamate	2	0.07	0.09			
Mercury	1	0.04	0.05	1	0.74	1.30

TOXICOLOGY LABORATORY REPORT

INCIDENCE AND FREQUENCY OF POSITIVE FINDINGS

TABLE 91A cont.

SUBSTANCES	CUYAHOGA COUNTY CORONER'S LABORATORY CASES ¹					
	POSITIVE CASES			FATAL POISONINGS		
	INCIDENCE	% TOTAL CASES	% SAMPLES RECEIVED	INCIDENCE	% TOTAL CASES	% SAMPLES RECEIVED
Methadone	7	0.26	0.33	2	1.47	2.60
Methadone Metabolite	2	0.07	0.09			
Normeperidine	3	0.11	0.14			
Norpropoxyphene	29	1.07	1.36	15	11.03	19.50
Opiates (Total)	(87)	3.21	4.07	(29)	21.32	37.70
Codeine	33	1.22	1.54	9	6.62	11.70
Hydromorphone	2	0.07	0.09			
Morphine	52	1.92	2.43	20	14.71	26.00
Orphenadrine	1	0.04	0.05			
Pentazocine	3	0.11	0.14	1	0.74	1.30
Phencyclidine	9	0.33	0.42	1	0.74	1.30
Phenothiazines (Total)	(21)	0.78	0.98	(4)	2.94	5.20
Chlorpromazine	6	0.22	0.28	1	0.76	1.30
Thioridazine	7	0.26	0.33	3	2.20	3.90
Others	8	0.30	0.37			
Phenytoin	38	1.40	1.78	7	5.15	9.10
Placidyl	1	0.04	0.05	1	0.74	1.30
Propoxyphene	31	1.14	1.45	16	11.76	20.80
Propranolol	1	0.04	0.05			
Primadone	1	0.04	0.05			
Quinidine	5	0.18	0.23			
Quinine	10	0.37	0.47	1	0.74	1.30
Tricyclic Antidepressants (Total)	(67)	2.47	3.13	(35)	25.74	45.50
Amitriptyline	15	0.55	0.70	6	4.41	7.80
Amoxapine	1	0.04	0.05	1	0.74	1.30
Desimipramine	10	0.37	0.47	8	5.88	10.40
Doxepin	6	0.22	0.28	3	2.20	3.90
Imipramine	7	0.26	0.33	5	3.68	6.50
Loxapine	2	0.07	0.09			
Nordoxepin	5	0.18	0.23	2	1.47	2.60
Nortriptyline	21	0.78	0.98	10	7.35	13.00

TOXICOLOGY LABORATORY REPORT

INCIDENCE AND FREQUENCY OF POSITIVE FINDINGS

TABLE 91A cont.

CUYAHOGA COUNTY CORONER'S LABORATORY CASES ¹						
SUBSTANCES	POSITIVE CASES			FATAL POISONINGS		
	INCIDENCE	% TOTAL CASES	% SAMPLES RECEIVED	INCIDENCE	% TOTAL CASES	% SAMPLES RECEIVED
Salicylate	48	1.77	2.25	7	5.15	9.10
Sympathomimetics (Total)	(33)	1.14	1.45	(2)	1.47	2.60
beta-Phenethylamine ²	2	0.07	0.09			
Ephedrine	13	0.48	0.61	1	0.74	1.30
Phendimetrazine	1	0.04	0.05			
Phenmetrazine	1	0.04	0.05			
Phentermine	3	0.11	0.14	1	0.74	1.30
Phenylpropanolamine	13	0.48	0.61			
Theophylline ²	1	0.04	0.05			
Volatiles (Total)	(442)	16.31	20.67	(41)	30.15	53.30
Acetone	23	0.85	1.08	1	0.76	1.30
Ethanol	419	15.46	19.60	40	29.41	52.00
TOTAL	1520			325		

1. All autopsied decedents from whom specimens were submitted and 29% of the remaining unautopsied decedents preceding spot tests were completely evaluated. (as defined by items 2 – 10 on Table 92) Specimens from the remaining decedents were tested primarily for ethyl alcohol and its analogues and spot tests when urine was submitted.
2. Evaluation for this agent only carried out by special request.

TOXICOLOGY LABORATORY REPORT

INCIDENCE OF ANALYTES IN POSITIVE CASES*

TABLE 91B

CUYAHOGA COUNTY CORONER'S LABORATORY CASES											
1985		1986				1987					
ALL CASES (%)	FATAL POISONINGS (%)	ALL CASES (%)	FATAL POISONINGS (%)	ALL CASES (%)	FATAL POISONINGS (%)	ALL CASES (%)	FATAL POISONINGS (%)	ALL CASES (%)	FATAL POISONINGS (%)		
Ethanol	15.42	Carbon Monoxide	44.00	Ethanol	14.10	Benzodiazepines	41.36	Ethanol	15.46	Carbon Monoxide	41.91
Lidocaine	6.54	Benzodiazepines	36.80	Lidocaine	5.99	Carbon Monoxide	35.34	Lidocaine	8.12	Ethanol	29.41
Acetaminophen	5.86	Ethanol	31.20	Acetaminophen	5.29	Ethanol	31.58	Acetaminophen	3.80	Benzodiazepines	27.21
Benzodiazepines	4.74	Tricyclic Antidepressants	26.40	Benzodiazepines	5.25	Tricyclic Antidepressants	27.07	Benzodiazepines	3.36	Tricyclic Antidepressants	26.40
Salicylate	2.70	Opiates	16.80	Salicylate	3.07	Propoxyphene/ Norpropoxyphene	22.20	Cocaine/ Cocaine Metabolite	3.32	Propoxyphene/ Norpropoxyphene	22.79
Opiates	2.52	Acetaminophen	15.20	Opiates	2.89	Opiates	19.58	Opiates	3.21	Opiates	21.32
Carbon Monoxide	2.19	Propoxyphene/ Norpropoxyphene	12.00	Cocaine/ Cocaine Metabolite	2.37	Acetaminophen	18.05	Carbon Monoxide	2.47	Cocaine/ Cocaine Metabolite	15.44
				Tricyclic Antidepressants	2.37			Tricyclic Antidepressants	2.47		
Sympathomimetics	2.16	Barbiturates	10.40	Carbon Monoxide	2.29	Cocaine/ Cocaine Metabolite	15.79	Propoxyphene/ Norpropoxyphene	2.21	Acetaminophen	14.71
Tricyclic Antidepressants	2.08	Sympathomimetics	9.60	Propoxyphene/ Norpropoxyphene	1.81	Sympathomimetics	9.42	Salicylate	1.77	Lidocaine	8.82
		Lidocaine	9.60	Sympathomimetics	1.81						
Meperidine/ Normeperidine	1.98	Cocaine/ Cocaine Metabolite	7.20	Meperidine/ Normeperidine	1.44	Salicylate	7.52	Barbiturates	1.33	Barbiturates	5.15

* A "Positive Case" is one wherein an exogenous chemical substance was detected from Table 91A. They are based upon total cases submitted in each category.

TOXICOLOGY LABORATORY REPORT

NUMBER OF TESTS PERFORMED

TABLE 92

DRUG GROUP	CUYAHOGA COUNTY CORONER'S LABORATORY CASES TESTS ¹²	OUTSIDE REFERRING AGENCIES TESTS ¹²	TOTALS
Antiepileptic drugs ¹	5,533	476	6,009
Barbiturates ²	8,328	1,196	9,524
Benzodiazepines ³	19,423	2,087	21,510
Carbon Monoxide	254	8	262
Spot tests ⁴	4,431	263	4,694
Cocaine metabolite ⁵	1,440	156	1,596
Neutral drugs ⁶	17,982	1,403	19,385
Opiates ⁷	14,137	1,330	15,467
Organic bases ⁸	74,761	6,971	81,732
Phencyclidine	1,770	214	1,984
Salicylate	3,051	197	3,248
Sympathomimetics ⁹	16,108	2,904	19,012
Volatiles ¹⁰	30,155	2,711	32,866
Xanthenes ¹¹	4,207	342	4,549
TOTAL	201,580	20,258	221,838

TOXICOLOGY LABORATORY REPORT

AGENTS INCLUDED IN DRUG GROUPS ON TABLE 92

- | | |
|--|--|
| 1) Antiepileptic Drugs | Primadone, Phenytoin, Carbamazepine and Phenobarbital. |
| 2) Barbiturates | Amobarbital, Butobarbital, Butalbital, Pentobarbital and Secobarbital. |
| 3) Benzodiazepines | Chlordiazepoxide, Diazepam, Flurazepam, n-Desalkylflurazepam, n-Desmethylchlordiazepoxide, n-Desmethyldiazepam, Demoxepam and Oxazepam. |
| 4) Spot Tests | Ethchlorvynol, Acetaminophen, Salicylate, Glucose and Ketone Bodies, Imipramine and Phenothiazines. |
| 5) Cocaine Metabolite | Benzoyllecgonine. |
| 6) Neutral Drugs | Glutethimide, Meprobamate, Methaqualone, Methyprylon, Chlorpropamide and Tolbutamide. |
| 7) Opiates | Codeine, Hydrocodone, Hydromorphone, Morphine and Oxycodone. |
| 8) Organic Bases | Amitriptyline, Amoxapine, Brompheniramine, Chlorpheniramine, Chlorpromazine, Cocaine, Cogentin, Cyclizine, Desipramine, Dextromethorphan, Diphenhydramine, Doxepin, Doxylamine, Disopyramide, Imipramine, Ketamine, Lidocaine, Loxapine, Meperidine, Methapyrilene, Methadone, Methadone Metabolite, Nordoxepin, Nortriptyline, Norpropoxyphene, Normeperidine, Orphenadrine, Pentazocine, Phencyclidine, Phenyltoloxamine, Pheniramine, Promethazine, Propoxyphene, Protriptyline, Pylramine, Propranolol, Quinine, Quinidine, Trimpramine and Tripeleennamine. |
| 9) Sympathomimetics | Amphetamine, Methamphetamine, Ephedrine, Phenmetrazine, Phendimetrazine, Phentermine, Mephentermine and Phenylpropanolamine. |
| 10) Volatiles | Acetone, Ethyl Alcohol, Isopropanol and Methanol. |
| 11) Xanthenes | Acetaminophen, Caffeine and Theophylline. |
| 12) Number of tests performed for total analytes from a given group. | |

TOXICOLOGY LABORATORY REPORT

PROFICIENCY STUDIES

TABLE 92A

AGENCY	SURVEY TYPE	NUMBER OF SURVEYS	NUMBER OF SAMPLES			NUMBER OF SUBSTANCES FOUND
			BLOOD	URINE	OTHER	
Programa DeControl DeCalidad (Spain)	Urine Toxicology Drugs of Abuse	3		18		38
College of American Pathologists (CAP)	Urine Toxicology	4		12		60
Department of Transportation (Federal)	Alcohol	1	4			4
College of American Pathologists (CAP)	Alcohol Toxicology	5	15		5	19
Ohio Department of Health	Alcohol	1	7		1	8
Pennsylvania Department of Health	Drugs of Abuse	4		16		29
Wisconsin State Laboratory of Hygiene	Alcohol	11	19	5		24
TOTAL		29	45	51	6	182

In 1987 the Cuyahoga County Coroner's Office Toxicology Laboratory participated in 29 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	V.U.O.*	TOTAL
<u>Single Chemical Agent:</u>				
Amitriptyline	2			2
Carbamazepine	1			1
Cocaine	5			5
Desipramine		2		2
Diazepam		1		1
Doxepin		2		2
Ethchlorvynol	1			1
Ethylene Glycol			1	1
Heroin	1			1
Hydrochloric Acid		1		1
Imipramine		2		2
Insulin	1			1
Laxapine		1		1
Lysol		1		1
Morphine			1	1
Opiate	5			5
Pentazocine	1			1
Pentobarbital	1			1
Phencyclidine	1			1
Phenobarbital		1		1
Propoxyphene	1			1
Salicylate	3			3
Salicylate(Oil of Wintergreen)		1		1
Thioridazine	1		1	2
TOTAL	24	12	3	39
<u>Combined effect of ethanol and:</u>				
Cocaine	2		1	3
Morphine	1			1
Nortriptyline		1		1

* Violence of Undetermined Origin

TOXICOLOGY LABORATORY REPORT

SUBSTANCES INVOLVED IN FATAL POISONINGS

TABLE 93 cont.

SUBSTANCES	ACCIDENT	SUICIDE	V.U.O.*	TOTAL
<u>continued: Combined effect of ethanol and:</u>				
Opiate	3			3
Propoxyphene	2	1		3
Codeine and Marijuana	1			1
Doxepin and Chlordiazepoxide		1		1
Morphine and Codeine	1			1
Morphine and Diazepam	1			1
Acetaminophen, Benzodiazepam and Propoxyphene	1			1
Pentobarbital, Amitriptyline and Propoxyphene	1			1
TOTAL	12	4	1	17
<u>Combined effect of two chemical agents:</u>				
Acetaminophen and Methanol	1			1
Cocaine and Opiate	1			1
Codeine and Amitriptyline	1			1
Codeine and Xanax		1		1
Codeine and Morphine		1		1
Desipramine and Chlorpromazine		1		1
Diazepam and Opiates	1			1
Imipramine and Diazepam	1			1
Nortriptyline and Thiordazine		1		1
Propoxyphene and Cocaine		1		1
Propoxyphene and Diazepam		1	1	2
TOTAL	5	6	1	12
<u>Combined effect of three chemical agents:</u>				
Amitriptyline, Acetaminophen and Salicylate	1			1
Butalbital, Propoxyphene and Acetaminophen	1			1
Codeine, Propoxyphene and Amitriptyline			1	1
Diazepam, Propoxyphene and Codeine	1			1
Diazepam, Cocaine and Opiate	1			1
TOTAL	4		1	5
<u>Combined effect of four chemical agents:</u>				
Propoxyphene, Acetaminophen, Diazepam and Butalbital	1			1
TOTAL	1			1
GRAND TOTAL	46	22	6	74

* Violence of Undetermined Origin

TOXICOLOGY LABORATORY REPORT

CARBON MONOXIDE FATALITIES

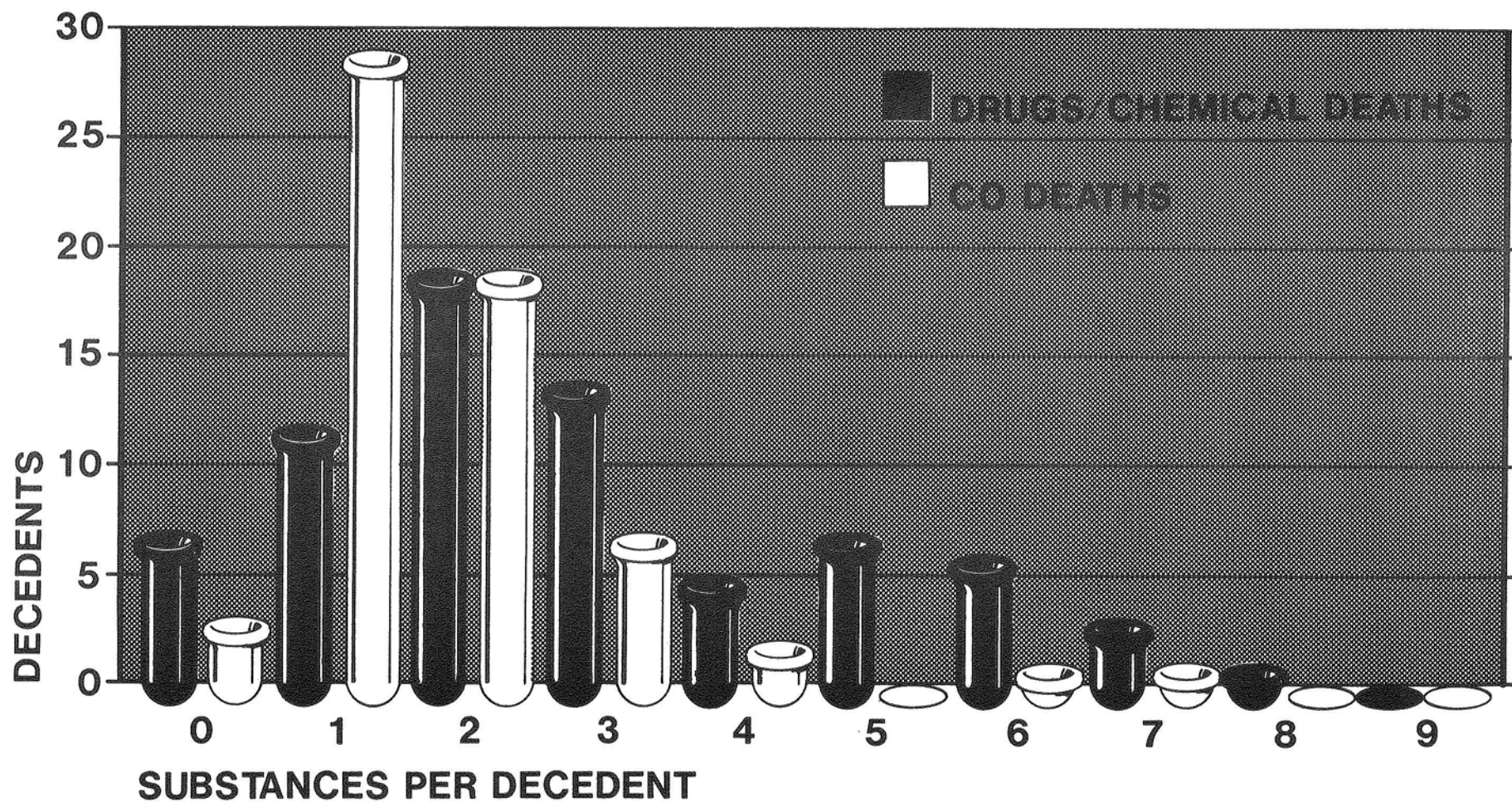
TABLE 93A

SUBSTANCES	ACCIDENTAL			SUICIDE	HOMICIDE	V.U.O.*	TOTAL
	SMOKE	AUTO EXHAUST	UNDETERMINED	AUTO EXHAUST	SMOKE	SMOKE	
Carbon Monoxide	14	2		4	8	3	31
Carbon Monoxide and Ethanol	2	2		7			11
Carbon Monoxide, Ethanol and Other Medications							
Acetaminophen				1			1
Doxylamine				1			1
Mercury				1			1
Lidocaine and Chlorpheniramine				1			1
Carbon Monoxide and Other Medications							
Acetaminophen				1		1	2
n-Desmethyldiazepam				1			1
Lidocaine	2	1					3
Nortriptyline				1			1
Phenytoin	1						1
Imipramine and Desipramine			1				1
Lidocaine and Phenytoin				2			2
Propoxyphene and Norpropoxyphene				1			1
Salicylate and n-Desmethyldiazepam				1			1
Cocaine, Morphine and Codeine					1		1
Codeine, Diphenhydramine, Phedrine, Acetaminophen, Propoxyphene and Norpropoxyphene				1			1
Amitriptyline, Nortriptyline, Diazepam, n-Desmethyldiazepam, Codeine, Morphine and Phenytoin				1			1
TOTAL	19	5	1	24	9	4	62

* Violence of Undetermined Origin

TOXICOLOGY LABORATORY REPORT

INCIDENCE OF POLYPHARMACY (FINDINGS FROM 125 POISONING FATALITIES)



TOXICOLOGY LABORATORY REPORT

POISONING FATALITIES 1976 - 1987

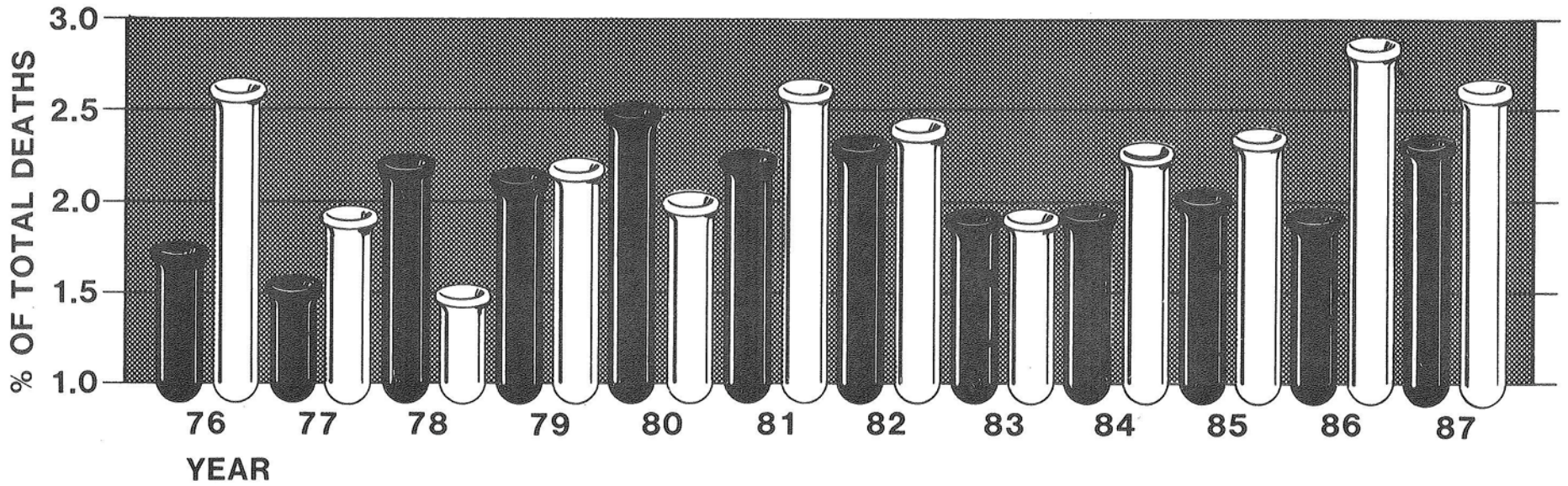
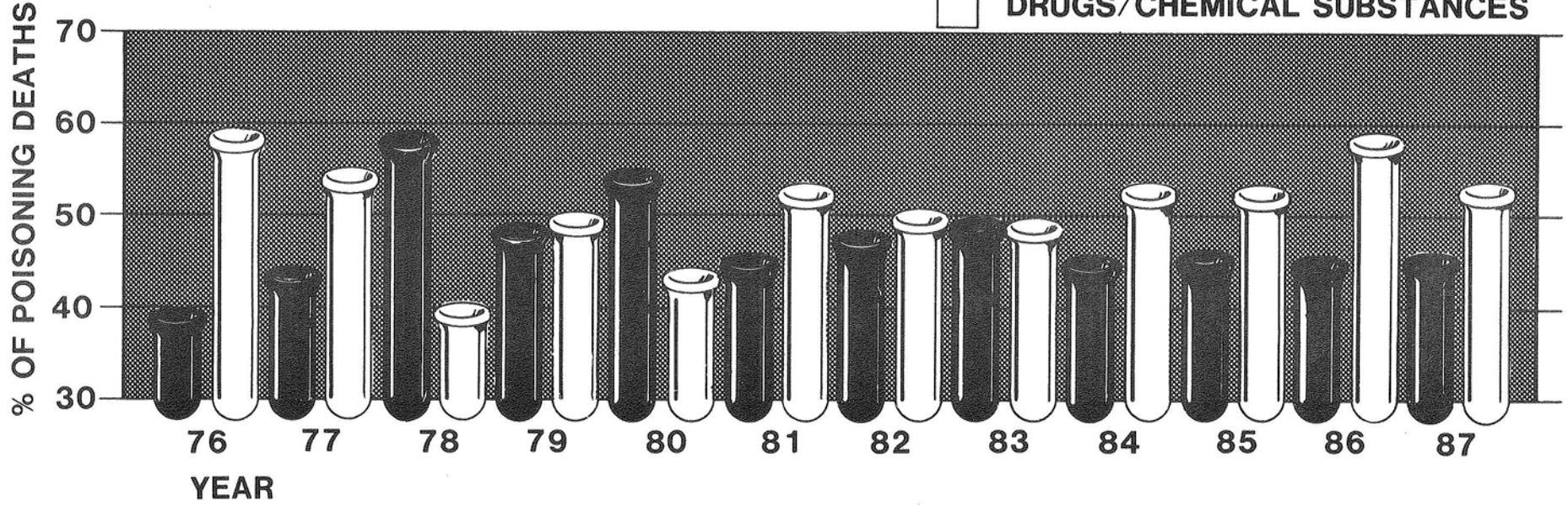
TABLE 93B

YEAR	ACCIDENTS						HOMICIDE		SUICIDE		MANNER		TOTAL	
	HOME		WORK		OTHER PLACES						UNDETERMINED			
	CO	OTHERS	CO	OTHERS	CO	OTHERS	CO	OTHERS	CO	OTHERS	CO	OTHERS	CO	OTHERS
1976	24	46			2	11	2	1	44	43	1	8	73	109
1977	35	24			1	14		1	31	39		5	67	83
1978	39	17			5	4			39	30		6	83	57
1979	38	31	1	1	3	5	1		38	44	2	4	83	85
1980	35	24			2	12	10		42	35	1	2	90	73
1981	30	38			1	5	3		33	41	5		72	84
1982	33	28	1		1	6	4	1	28	35			67	70
1983	24	26			4	3	3		26	28	1	1	58	58
1984	24	37	1		4	4			26	25	3	2	58	66
1985	21	27	2			7	3		32	29		4	58	67
1986	24	34				11	3		26	27	1	7	54	79
1987	24	34			1	12	9		24	22	4	6	62	74
TOTAL	351	366	5	1	24	94	38	3	389	398	18	45	825	907
TOTALS	717		6		118		41		787		63		1732	

TOXICOLOGY LABORATORY REPORT

TRENDS IN FATAL POISONINGS

■ CO DEATHS
□ DRUGS/CHEMICAL SUBSTANCES



TOXICOLOGY LABORATORY REPORT

RELATIVE LETHALITY INDEX (RLI) 1983-1987

TABLE 93C

DRUG/GROUP	1983	1984	1985	1986	1987
Acetaminophen	11	11	12	17	19
Barbiturates (Total)	25	30	30	27	19
Phenobarbital	10	19	0	11	10
Benzodiazepines (Total)	26	27	35	39	41
Diazepam	25	28	29	33	41
n-desmethyldiazepam	24	23	28	38	42
n-desalkylflurazepam	26	17	*	*	*
Carbon Monoxide	100	90	90	76	85
Chlorpheniramine	0	36	15	25	*
Chlorpropamide	0	8	0	*	*
Cocaine	0	28	17	48	24
Cocaine Metabolite	40	31	22	26	22
Dextromethorphan	*	*	*	17	*
Diphenhydramine	16	21	31	37	5
Doxylamine	20	20	*	17	*
Ethanol	9	10	9	11	10
Lidocaine	7	2	6	5	5
Meperidine	15	26	14	4	0
Methadone	*	33	*	*	*
Methadone Metabolite	*	27	*	*	*
Normeperidine	18	35	15	0	*
Norpropoxyphene	41	29	27	65	52
Opiates (Total)	22	23	30	35	33
Codeine	15	21	18	29	27
Morphine	13	27	39	34	38

TOXICOLOGY LABORATORY REPORT

RELATIVE LETHALITY INDEX (RLI) 1983-1987

TABLE 93C cont.

DRUG/GROUP	1983	1984	1985	1986	1987
Phenothiazines (Total)	23	23	13	35	19
Phenytoin	8	4	8	7	18
Propoxyphene	50	32	50	56	52
Quinidine	*	5	0	12	*
Quinine	*	18	8	*	10
Tricyclic Antidepressant (Total)	45	42	57	56	52
Amitriptyline	42	39	*	73	40
Desipramine	70	*	*	*	8
Doxepine	*	*	*	60	*
Imipramine	40	*	*	*	*
Nardoxepine	*	*	*	50	*
Nortriptyline	45	44	58	64	48
Salicylate	8	13	11	12	15
Sympathomimetics (Total)	10	8	20	25	6
Ephedrine	10	*	25	20	8
Phenylpropanolamine	12	10	18	28	0
Theophylline	9	*	6	0	*
Tripeleennamine	31	*	*	*	*

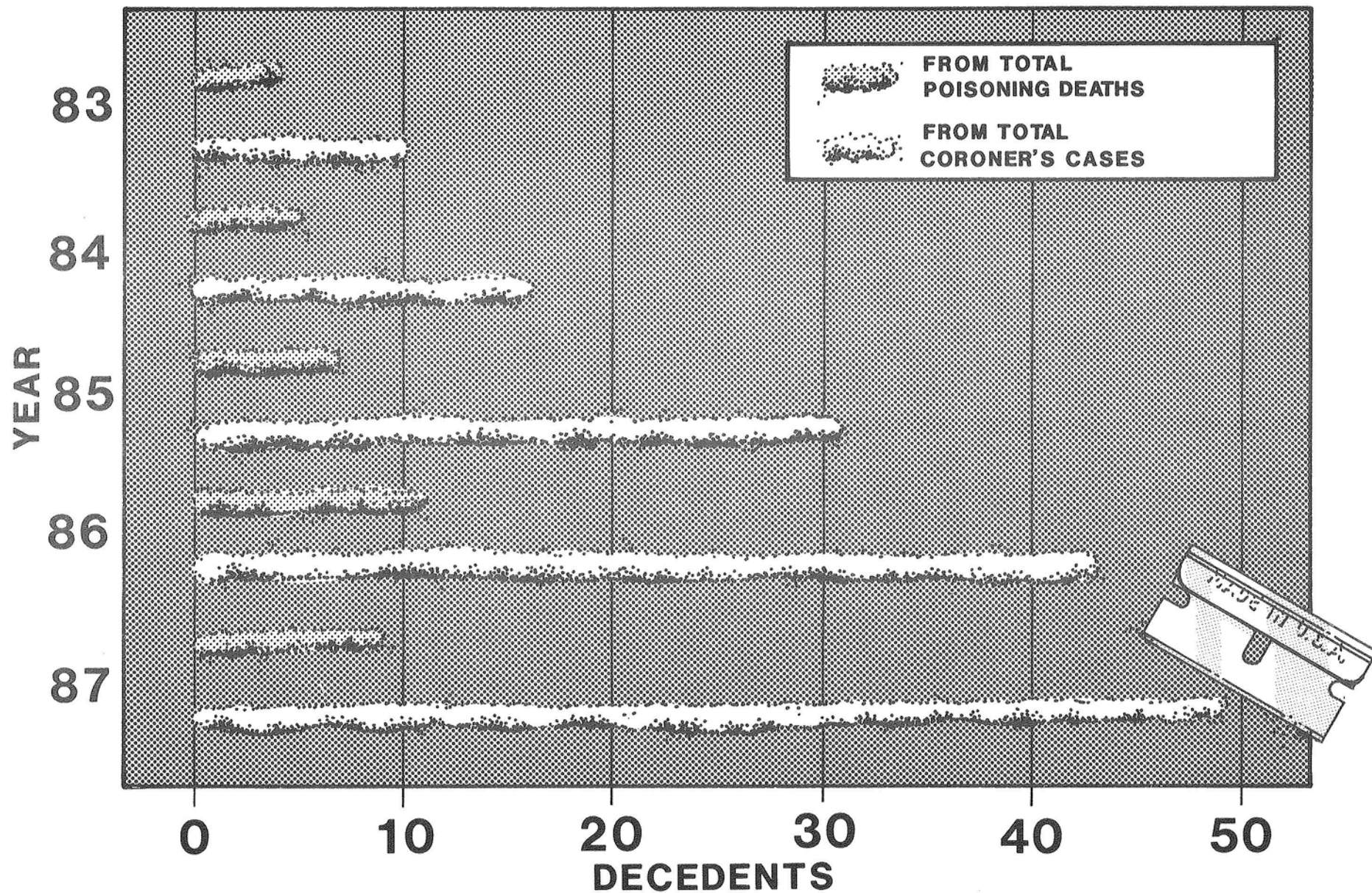
RLI - Number of times analyte/group found in poisoning death divided by total number of times analyte/group found times one hundred, taken to the nearest whole number.

NOTE: These calculations and comparisons are based upon ten or more findings per total population.

* Less than ten findings per total population.

TOXICOLOGY LABORATORY REPORT

TREND IN COCAINE METABOLITE INCIDENCE 1983 - 1987



TRACE EVIDENCE

TABLE 94

	CORONER'S CASES*	SPECIMENS FROM OTHER SOURCES** RE: CORONER'S CASES	SPECIMENS FROM OTHER CORONER'S CASES AUTOPSIED AT CUYAHOGA COUNTY CORONER'S OFFICE	SPECIMENS FROM OTHER SOURCES** NOT RE: CORONER'S CASES	TOTAL
INDIVIDUAL CASES	704	(94)	(30)	22	726
SPECIMENS SUBMITTED	2430	730	(88)	245	3405
EXAMINATIONS	3667	4606	(155)	756	9029

* The 704 Coroner's Cases requiring Trace Evidence Examinations represents 25.95% of the total Cuyahoga County Coroner's Cases for 1987.

** 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: 66 hours and 45 minutes.

Actual time spent testifying at court: 25 hours and 20 minutes.

TRACE EVIDENCE LABORATORY

TABLE 94A

EXAMINATIONS	CUYAHOGA COUNTY CORONER'S CASES	OTHER CORONER'S CASES	SPECIMENS FROM OTHER SOURCES** RE: CORONER'S CASES	SPECIMENS FROM OTHER SOURCES** NOT RE: CORONER'S CASES	TOTAL
ACID PHOSPHATASE Specimens from bodies	109	(3)			109
Electrophoretic determinations Cellulose Acetate Specimens from bodies	63	(7)		18	81
Stains	1		3	24	28
MICROSCOPIC EXAMINATION FOR SPERMATOZA Specimens from bodies	167	(3)		28	195
Stains	1			25	26
BLOOD DETECTION Presumptive Tests	36	(14)	1155	207	1398
PRECIPITIN TESTS Species Identification	17	(10)	405	54	476
BLOOD GROUP DETERMINATIONS Fluid Blood (ABO)	697	(26)	33	23	753
Secretor/Non secretor	244	(5)	16	23	283
ENZYME: Electrophoretic determinations Erythrocyte Acid Phosphatase	113	(3)	20	15	148
Esterase D	113	(3)	20	15	148
Phosphoglucomutase	113	(3)	20	22	155
Phosphoglucomutase sub-typing	1		1	6	8
Others	13				13
Other specimens from bodies Absorption Inhibition	9		34	25	68
Absorption Elution				2	2
Stains (ABO)	23	(6)	340	46	409
ENZYME Electrophoretic determinations Erythrocyte Acid Phosphatase	10		280	33	323
Esterase D	10		280	33	323
Phosphoglucomutase	12		280	36	328
Phosphoglucomutase sub-typing	2			2	4
Others	13			3	16
FLIGHT CHARACTERISTICS			1032		1032

TRACE EVIDENCE LABORATORY

TABLE 94A cont.

EXAMINATIONS	CUYAHOGA COUNTY CORONER'S CASES	OTHER CORONER'S CASES	SPECIMENS FROM OTHER SOURCES** RE: CORONER'S CASES	SPECIMENS FROM OTHER SOURCES** NOT RE: CORONER'S CASES	TOTAL
CLOTHING DESCRIPTIONS					
Descriptions	93	(5)			93
Inspections	121	(1)		1	122
Stereomicroscopic Examinations	52				52
GUNFIRE RESIDUE DETECTION TESTS					
Clothing and Related Items	95		5		100
Targets	2		5		7
HAND EXAMINATIONS					
Trace Metal Detection	233	(14)	1		234
Gunshot Residue (Harrison-Gilroy Test)	222	(13)	8	4	234
MICROSCOPIC EXAMINATIONS					
Fingernail Scrapings	8			6	14
Gastric Contents	24	(1)			24
Hair	105	(6)	122	46	273
Fibers	3		4		7
Paint	3				3
Glass	2				2
Miscellaneous	64				64
STEREOMICROSCOPIC EXAMINATIONS					
Powder Grains	112	(4)			112
Miscellaneous	382	(21)	415		797
PHYSICAL MATCH	6		11	6	23
HISTOLOGIC STUDIES	7				7
IDENTIFICATION PROCEDURES	4				4
LIGATURES	41				41
ITEMS INSPECTED-no relevant findings	321	(7)	116	53	490
TOTAL	3,667	(155)	4,606	756	9,029

HISTOLOGY

TABLE 95

	CUYAHOGA COUNTY CORONER'S OFFICE	OTHER SOURCES	TOTAL
<u>TISSUE SPECIMENS RECEIVED FROM:</u>			
AUTOPSIES	1331	53	1384
BIOPSIES, ETC.	4		4
TOTAL	1335		1388
SECTIONS PREPARED	27,940	1105	29,045
BLOCKS PREPARED	16,674	646	17,320
TOTAL	44,614	1751	46,365
<u>SLIDES PREPARED AND STAINED:</u>			
ROUTINE HEMATOXYLIN – EOSIN	17,053	660	17,713
TEACHING SLIDES	53		53
<u>SPECIAL STAINS FOR DEMONSTRATION OF:</u>			
ACID FAST BACTERIA	2		2
AMYLOID	42		42
SENILE PLAQUES	3		3
IRON	27	1	28
MYELIN	6	1	7
FUNGUS	8	6	14
P.A.S.	9	6	15
FAT	3		3
GRAM STAIN	6		6
TRICHROME	15		15
TOTAL	17,227	674	17,901

PHOTOGRAPHY

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

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

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

IDENTIFICATION PICTURES	2,766*
PICTURES OF BODIES AND EVIDENCE	15,012
5" x 7" COLOR PRINTS PRODUCED	14,833
COLOR SLIDES ADDED TO THE FILE	993
BLACK AND WHITE PRINTS	282
POLAROID PRINTS	157
TYPED SLIDES	81
CHARTS AND GRAPHS	65
ILLUSTRATIONS	19
SCALE MODELS	1

* Includes 53 Out of the County Cases.

FORENSIC ODONTOLOGY

EXAMINATIONS	CUYAHOGA COUNTY CORONER'S CASES	OTHER CORONER'S CASES	TOTAL
Number of cases examined	19	5	24
Dental charting	18	4	22
Radiographs	12	4	16
Comparison with antemortem dental records	10	2	12
Extractions for histology and age estimations	3		3
Bite mark analysis	1	1	2
Full denture analysis or edentulous	1		1

RADIOLOGY

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

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

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

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

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

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

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

Two hundred and eighty-five radiographs were made in 1987.

ANTHROPOLOGY

NUMBER OF CASES	9
REMAINS NOT HUMAN	4
HUMAN REMAINS	
POSITIVE IDENTIFICATION	3
CAUSE OF DEATH DETERMINED	1
DEMOGRAPHIC PROFILES	4
CRANIAL SUPERIMPOSITIONS	1
CASES FOR OTHER COUNTIES	4
COURT APPEARANCES	1

LECTURES:

The Origin of Man. University Lecture, Stanford University, Palo Alto, California, February 16, 1987.

The Human Fossil Record and the Origins of Man. Lectures Series, Westminster College, Alliance, Ohio April 11, 1987.

A Human Origins Model. Depts. of Anthropology and Biology, Cleveland State University, May 15, 1987.

Sexual Dimorphism: A New Method for its Estimation and Application to Australopithecus Afarensis.

Second International Congress of Human Palaeontology, Turin, Italy, August 23, 1987.

Body Size and Sexual Dimorphism in the Hadar Hominids. Second International Congress of Human Palaeontology, Turin, Italy, October 1, 1987.

Did Human Reproductive Strategy Form the basis of Human Intelligence? Our Primate Relatives, Smithsonian Institution, Washington, D.C., October 15, 1987.

PUBLICATION:

Latimer, Bruce, James C. Ohman, and C. Owen Lovejoy. Talocrural Joint in African Hominoids: Implications for Australopithecus afarensis. American Journal of Physical Anthropology, Vol. 74, pp. 155-175, 1987.

LECTURES

GIVEN BY THE STAFF

ELIZABETH K. BALRAJ, M.D., CORONER

- MARCH:** Cuyahoga Community College, Tenth Basic Police Officer Academy, "Role of The Pathologists in Coroner's Investigations."
- Cleveland Police Academy, Basic Police School, "Role of The Pathologists in Coroner's Investigations."(two)
- JUNE:** Case Western Reserve University, Center for Criminal Justice, Basic Course for Police Officers, "Determining Time of Death; Identification of Dead Bodies."
- AUGUST:** Concealed Weapon Offender Program, "The Role of the Coroner's Office."
- SEPTEMBER:** Engineers Forum Luncheon Group, "Roles and Functions of the Coroner."
- OCTOBER:** Euclid General Hospital Medical Conference, "Roles and Functions of the Coroner."
- Cuyahoga County Bar Association at Cleveland City Club, Citizens Building, "Forensic Pathology."
- Case Western Reserve University, Center for Criminal Justice, Basic Course for Peace Officers, "Roles and Functions of the Coroner."
- Cuyahoga Community College, Business Administration Class, "Coroner's Office."

LESTER ADELSON, M.D., CHIEF DEPUTY CORONER

- FEBRUARY:** Case Western Reserve University, Forensic Medicine and Scientific Evidence class, "Forensic Pathology."
- MARCH:** WCPN, Public Radio for the North Coast, Fund Drive, "Share Fair '87."
- Cleveland Senior Council, "The Coroner's Office and the Sanctity of Human Life."
- Cuyahoga Community College, Tenth Basic Peace Officer Academy, "Functions of the Coroner."
- Cleveland Police Academy, Basic Police School, "General Functions of the Coroner's Office." (two)

LECTURES GIVEN BY THE STAFF

(continued) LESTER ADELSON, M.D.

- MARCH:** Case Western Reserve University, House Staff, Institute of Pathology, "Pathology of Gunshot Wounds."
The Shrine Luncheon Club of Cleveland, at Al Koran Mosque, Masonic Square, "The Coroner's Office in Action... Quincy vs. Reality."
- APRIL:** Ninth Coast Guard District Officer's Association, "Death is the Beginning."
- MAY:** Fairview Park Democratic Club, "The Coroner's Office in Action."
Case Western Reserve University Medical Students, Preceptor Group, "Death is the Beginning."
Cleveland Heights Police Academy, Basic Police School, "Coroner's Jurisdiction - Ohio State Statutes."
- JUNE:** Cleveland Clinic Police, Basic Police School, "The Coroner's Office in Action."
Case Western Reserve University, Center for Criminal Justice, Basic Police School, "Coroner's Jurisdiction - Ohio State Statutes."
- JULY:** Cleveland Metropolitan General Hospital, House Pathology Staff, "You and the Coroner's Office."
- AUGUST:** Ulmer, Berne, Laronge, Glickman and Curtis Attorneys at Law, "Death is the Beginning."
- SEPTEMBER:** Cleveland Police Academy, Basic Police School, "Coroner's Jurisdiction - Ohio State Statutes."
- NOVEMBER:** Sigma XI, The Scientific Research Society, Case Western Reserve University Chapter, "Forensic Medicine."
MADD Driver Awareness Session at the Justice Center, "The Role of Alcohol in Deaths Investigated by the Coroner."
Coroner's Office, County of Ashtabula, Lecture Series, "The Silent Witness - Dialogue With the Dead - A Study."

LECTURES GIVEN BY THE STAFF

ROBERT CHALLENGER, M.D., DEPUTY CORONER

- MARCH:** Cuyahoga Community College, Tenth Basic Peace Officer Academy, "Determining Time of Death and Other Areas of Correlation of Anatomic Findings and Circumstantial Evidence."
- Cleveland Police Academy, Basic Police School, "Determining Time of Death and Other Areas of Correlation of Anatomic Findings and Circumstantial Evidence." (two)
- MAY:** Cleveland Heights Police Academy, Basic Police School, "Determining Time of Death and Other Areas of Correlation of Anatomic Findings and Circumstantial Evidence."
- JUNE:** Case Western Reserve University, Center for Criminal Justice, Basic Course for Police Officers, "Determining Time of Death and Other Areas of Correlation of Anatomic Findings and Circumstantial Evidence."
- AUGUST:** Case Western Reserve University, Center for Criminal Justice, Basic Course for Police Officers, "Determining Time of Death and Other Areas of Correlation of Anatomic Findings and Circumstantial Evidence."
- SEPTEMBER:** Cleveland Police Academy, Basic Police School, "Determining Time of Death and Other Areas of Correlation of Anatomic Findings and Circumstantial Evidence."
- OCTOBER:** Case Western Reserve University, Center for Criminal Justice, Basic Police School, "Determining Time of Death and Other Areas of Correlation of Anatomic Findings and Circumstantial Evidence."
- NOVEMBER:** Case Western Reserve University, Center for Criminal Justice, Basic Police School, "Determining Time of Death and Other Areas of Correlation of Anatomic Findings and Circumstantial Evidence."
- Cleveland Heights Police Academy, Basic Police School, "Determining Time of Death and Other Areas of Correlation of Anatomic Findings and Circumstantial Evidence."
- Cleveland Metropolitan General Hospital, Radiology Department, "Forensic Aspects of Radiology."

LECTURES GIVEN BY THE STAFF

MARY E. COWAN, SENIOR FORENSIC SCIENTIST, BS DEGREE

- FEBRUARY:** Wooster Business College.
- MARCH:** Cuyahoga Community College, Tenth Basic Peace Officer Academy, "Role of the Trace Evidence Laboratory in Coroner's Investigations."
Cleveland Police Academy, Basic Police School, "Role of the Trace Evidence Laboratory in Coroner's Investigations." (two)
Case Western Reserve University Law Students.
- APRIL:** University of Akron, Premed Students.
- MAY:** Cuyahoga Community College, Western Campus, "Criminalistics."
Cleveland Heights Police Academy, Basic Police School.
- JUNE:** Case Western Reserve University, Center for Criminal Justice, Basic Course for Police Officers.
Cleveland Institute of Dental-Medical Assistants.
- AUGUST:** Harding Business College
Judson Manor Retirement Community.
Case Western Reserve University, Center for Criminal Justice, Basic Course for Police Officers.
- SEPTEMBER:** Cleveland Police Academy, Basic Police School.
- OCTOBER:** Case Western Reserve University, Center for Criminal Justice, Basic Course for Police Officers.
- NOVEMBER:** Case Western Reserve University, Center for Criminal Justice, Basic Course for Police Officers.
Cleveland Heights Police Academy, Basic Police School.

LECTURES GIVEN BY THE STAFF

BARBARA A. CAMPBELL, FORENSIC SCIENTIST , BA DEGREE

JANUARY: Lakeland Community College, Basic Police School.

MAY: Lakeland Community College, Basic Police School.

JUNE: Cleveland Clinic Basic Police School.

Case Western Reserve University, University Hospitals, Medical Technologists. (two)

Case Western Reserve University, Center for Criminal Justice, Homicide Seminar. (two)

Cambridge Institute.

AUGUST: Cleveland Clinic Basic Police School.

NOVEMBER: Case Western Reserve University, Center for Criminal Justics, Basic Course for Police Officers.

DECEMBER: Lakeland Community College, Lake County, Basic Police School.

LINDA LUKE, FORENSIC SEROLOGIST, BS DEGREE

JUNE: Case Western Reserve University, Center for Criminal Justice, Homicide Investigation School, "Bloodstains Collection/Flight Characteristics of Bloodstains."

Cleveland Clinic Basic Police School, "Bloodstains Collection/Flight Characteristics of Bloodstains."

AUGUST: Cleveland Metropolitan General Hospital, "Collection of Samples for Sexual Assault Cases."

OCTOBER: Euclid General Hospital, "Collection of Samples for Sexual Assault Cases."

NOVEMBER: Case Western Reserve University, Center for Criminal Justice, Basic Course for Police Officers, "Blood/Semen/Collection/Preservation."

LECTURES GIVEN BY THE STAFF

SHARON ROSENBERG, FORENSIC SCIENTIST, BS DEGREE

JUNE: Case Western Reserve University, Center for Criminal Justice, Homicide Investigation School.

AUGUST: Cleveland Clinic Basic Police School.

HAROLD MURPHY, ADMINISTRATIVE ASSISTANT

MARCH: Cuyahoga Community College, Tenth Basic Peace Officer Academy, "Laws Relevant to the Coroner's Offices in Ohio and Procedures at the Cuyahoga County Coroner's Office."

Cleveland Police Academy, Basic Police School, (two) "Laws Relevant to the Coroner's Offices in Ohio and Procedures at the Cuyahoga County Coroner's Office."

MAY: Cleveland Heights Police Academy, Basic Police School, "Laws and Procedures and How They Effect the Coroner's Office."

JUNE: Case Western Reserve University, Center for Criminal Justice, Basic Course for Police Officers, "Laws and Procedures and How They Effect the Coroner's Office."

AUGUST: Case Western Reserve University, Center for Criminal Justice, Basic Course for Police Officers, "Laws and Procedures and How They Effect the Coroner's Office."

SEPTEMBER: Cleveland Police Academy, Basic Police School, "Procedures at the Cuyahoga County Coroner's Office, Statutory Authority."

OCTOBER: Case Western Reserve University, Center for Criminal Justice, Basic Course for Police Officers, "Laws and Procedures and How They Effect the Coroner's Office."

NOVEMBER: Case Western Reserve University, Center for Criminal Justice, Basic Course for Police Officers, "Laws and Procedures and How They Effect the Coroner's Office."

Cleveland Heights Police Academy, Basic Police School, "Laws and Procedures and How They Effect the Coroner's Office."

LECTURES GIVEN BY THE STAFF

RONALD ABRAMS, INVESTIGATOR - PROPERTY CLERK

NOVEMBER: Parma High School Students, "The Function and Service of the Coroner's Office." (six)

CRAIG SUTHEIMER, PH.D., CHIEF TOXICOLOGIST

JANUARY: Case Western Reserve University School of Medicine, Department of Environmental Health Sciences, "Basic Pharmacology and Toxicology." (four)

FEBRUARY: Case Western Reserve University School of Medicine, Department of Environmental Health Sciences, "Basic Pharmacology and Toxicology." (four)

MARCH: Cuyahoga Community College, Tenth Basic Peace Officer Academy, "The Role of the Toxicology Laboratory in the Investigation of Death. What the Toxicology Laboratory can offer in the Cuyahoga County Coroner's Office Cases."

Cleveland Police Academy, Basic Police School, (two) "The Role of the Toxicology Laboratory in the Investigation of Death. What the Toxicology Laboratory can offer in the Cuyahoga County Coroner's Office Cases."

Case Western Reserve University School of Medicine, Department of Environmental Health Sciences, "Basic Pharmacology and Toxicology." (four)

APRIL: Case Western Reserve University School of Medicine, Department of Environmental Health Sciences, "Basic Pharmacology and Toxicology." (four)

MAY: Cleveland Heights Police Academy, Basic Police School, "The Role of the Toxicology Laboratory in the Investigation of Death. What the Toxicology Laboratory can offer in the Cuyahoga County Coroner's Office Cases."

Case Western Reserve University School of Medicine, Department of Environmental Health Sciences, "Basic Pharmacology and Toxicology."

SEPTEMBER: Cleveland Police Academy, Basic Police School, "The Role of the Toxicology Laboratory in the Investigation of Death. What the Toxicology Laboratory can offer in the Cuyahoga County Coroner's Office Cases."

LECTURES GIVEN BY THE STAFF

(continues) CRAIG SUTHEIMER, PH.D.

- OCTOBER:** Case Western Reserve University, Center for Criminal Justice, Basic Course for Police Officers, "The Role of the Toxicology Laboratory in the Investigation of Death. What the Toxicology Laboratory can offer in the Cuyahoga County Coroner's Office Cases."
- Cuyahoga County Bar Association, "Forensic Toxicology as it Interfaces with the Legal Community."
- NOVEMBER:** Cleveland Heights Police Academy, Basic Police School, "The Role of the Toxicology Laboratory in the Investigation of Death. What the Toxicology Laboratory can offer in the Cuyahoga County Coroner's Office Cases."

BRADFORD HEPLER, PH.D., ASSOCIATE CHIEF TOXICOLOGIST

- JANUARY:** Cleveland State University, Seminars in Chemistry, "The Role of the Coroner's Office Toxicology Laboratory in Forensic Investigations."
- MARCH:** Cleveland State University, Analytical Toxicology I: "Sample Preparation in Drug Analysis."
- Cleveland State University, Analytical Toxicology I: "The Chromatographic Analysis of Drug Analytes in Forensic Toxicology."
- JUNE:** Cleveland State University, Summer Seminar Series, "Laboratory Management in a Forensic Toxicology Laboratory."
- NOVEMBER:** University Suburban Health Center and Health Care Technology Inc., "Aids at Work" conference, panel on Aids in the Workplace.
- DECEMBER:** Case Western Reserve University, Department of Pathology MT(ASCP) Program, "Toxicology I." and "Toxicology II."

Elected Chairman of the Northeast Ohio Section of the American Association for Clinical Chemistry, 1988.

LECTURES GIVEN BY THE STAFF

JAMES T. WENTZEL, PHOTOGRAPHER

- JUNE: Case Western Reserve University, Center for Criminal Justice, Basic Course for Police Officers, "Visual Patterns in Scene Investigation."
- OCTOBER: Midwestern Association of Forensic Scientists (M.A.F.S.), Mackinac Island, MI, "The Decedent as Witness." Scale Model and Poster Presentation.

ELIZABETH ROBINSON, D.D.S., FORENSIC ODONTOLOGIST

- AUGUST: Freshman Dental Students in Community Dentistry, "History of Dentistry."
- OCTOBER/
DECEMBER Senior dental course in Forensic Dentistry.
- NOVEMBER: Auxiliary to the Cleveland Dental Society, "Forensic Dentistry."

VISITING STUDENTS TO THE TRACE EVIDENCE DEPARTMENT

- APRIL: University Hospital, Medical Technologist, Barbara Kronitz, "Serology."
- MAY: Scientific Investigation Unit, Cleveland, Renet Reed, "Enzymes."
Lakewood High School Students - Observation.
- JUNE: University Hospital, Medical Technologist, Susan Holbert, "Serology."
- OCTOBER/
DECEMBER Brush High School, Paul Kostyack, "Serology." (once a week)

LECTURES GIVEN BY THE STAFF

STUDENTS IN THE TOXICOLOGY LABORATORY

MARCH: School of Medical Technology Department of Pathology, Case Western Reserve Medical School, Karen Lentz.

JUNE: Cleveland Metropolitan General Hospital, School of Medical Technology, Jeffrey Martin.

APRIL – JUNE Graduate student from the Department of Epidemiology, Case Western Reserve Medical School, Summer research program, Daniel Teirney.

Pathology Residency Program, Department of Pathology Case Western Reserve Medical School, Dr. Roseanna Cohen.

Career Shadowing Career Development Program of Olmsted Falls High School and Middleburg Heights High School, Seniors Molly McBride and Nick Brunello.

Each of the Pathology Residents from the Cleveland Clinic program and various other pathology resident programs that came to visit our office for a month at a time last year spent a minimum of a day in the laboratory.

Dr. Pravin Patel, Microbiologist spent two months with our group training in Forensic Toxicology.

PUBLICATIONS

BY MEMBERS AND ASSOCIATES OF THE STAFF

Adelson, L., "Homicidal Poisoning - A Dying Modality of Violence?" AM. J. FOR. MED. PATH. 8:245-251, September, 1987.

Adelson, L., and Kleinerman, J., "A Study of Asthma Deaths in a Coroner's Population." ALLERGY AND CLIN. IMMUNOLOGY, 80: Part II 406, September, 1987.

Challener, R., Adelson, L. and Rushforth, N., "Justifiable Homicide: A Study of the Application of Non-Culpable Deadly Force in Cuyahoga County, Ohio (Cleveland), 1958 - 1982." J. FOR. SCI. 32:1389 - 1402, September, 1987.

Challener, R. and Jacobs, C., "Hamartomatous Malformation in the Mitral Valves Anterior Leaflet." ARCH.OF PATH. AND LAB MED. 111: 994 - 997, October, 1987.

Imajo, T., Challener, R. and Roessmann, U., "Diffuse Axonal Injury by Assault." AM. J. FOR. MED. AND PATH.. 8:217 - 219, No. 3, 1987.

Simmelink, J.W., "Histology of Enamel." ORAL DEVELOPMENT AND HISTOLOGY, Edited by James K. Avery, 140 - 152, Williams and Wilkins: Baltimore, 1987.

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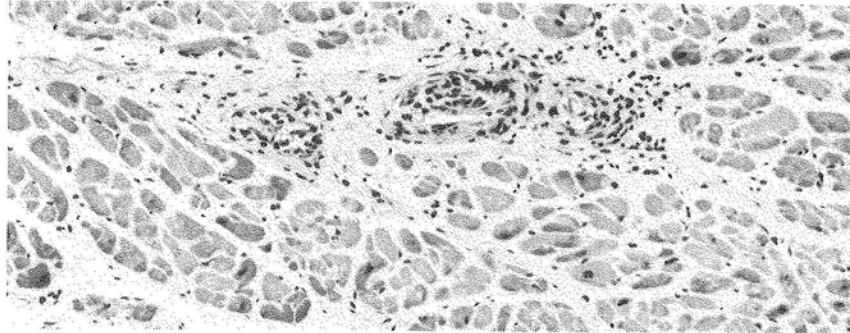
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Barbara Harrell**

The Cover:



Myocarditis, a heart disease, reproduced on the cover at a magnification of 4200X. Photomicrograph by Joseph Collins.

A New England newspaper published this announcement:

“In case you find mistakes in this paper, please consider they were put there for a purpose. We publish something for everyone, and some folks are always looking for mistakes.”

From MIDWESTERN ASSOCIATION OF FORENSIC SCIENTISTS NEWSLETTER, January 1988

