

COUNTY OF CUYAHOGA CORONER'S STATISTICAL REPORT

1987

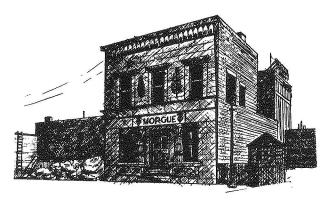
ELIZABETH K. BALRAJ, M.D. CORONER

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

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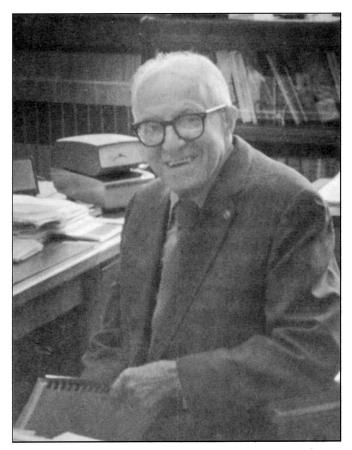
1936 Campaign portrait



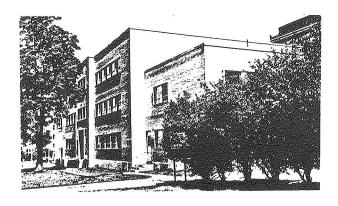
1896...1953

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.

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

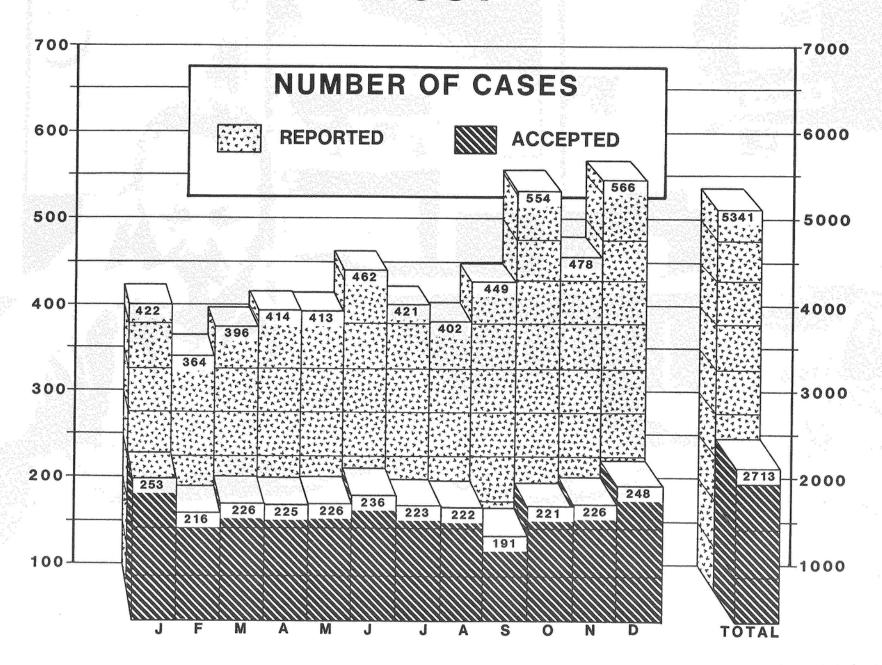


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Coding is classified in Volume 1 and 2 - Ninth Revision of the International Classification of Diseases, World Health Organization.

INTRODUCTION



Conner'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.

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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. ADDI-TIONAL 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 inves-

TIGATORY 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. 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 DE-LIVER, 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 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. MONEYS DERIVED FROM SUCH SALE SHALL BE DE-POSITED 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 IN-CLUDED 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 COR-PORATION 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 CIRCUM-STANCES 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. 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 OBSERT VATION 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 INFOR-MATION 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 FOR-FEITURES 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 sepcified 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 OR 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 DECE-DENT'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 EM-PLOYEE OF A CERTIFIED CHILD DAY-CARE CENTER, OR ADMINSTRATOR 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 RET COGNIZED RELIGION, ACTING IN HIS OFFICIAL OR PROFESSIONAL CAPACITY, HAVING REASON TO BE-LIEVE 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 DEPART-MENT 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 CON-STRUED TO DEFINE AS AN ABUSED OR NEGLECTED CHILD ANY CHILD WHO IS UNDER SPIRITUAL TREAT-MENT 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 RULEMAKING 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 DE-PARTMENT 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 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 IN-CLUDE THE NAME AND TITLE OF THE OFFICIAL DI-RECTLY 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 IN-CRIMINATE 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) DICLOSURE 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 pursu-ANT TO THIS SECTION GIVES RISE TO ANY LIABIL-ITY OR RECRIMINATION FOR A BREACH OF PRIVILEGE

OR CONFIDENCE.

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

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

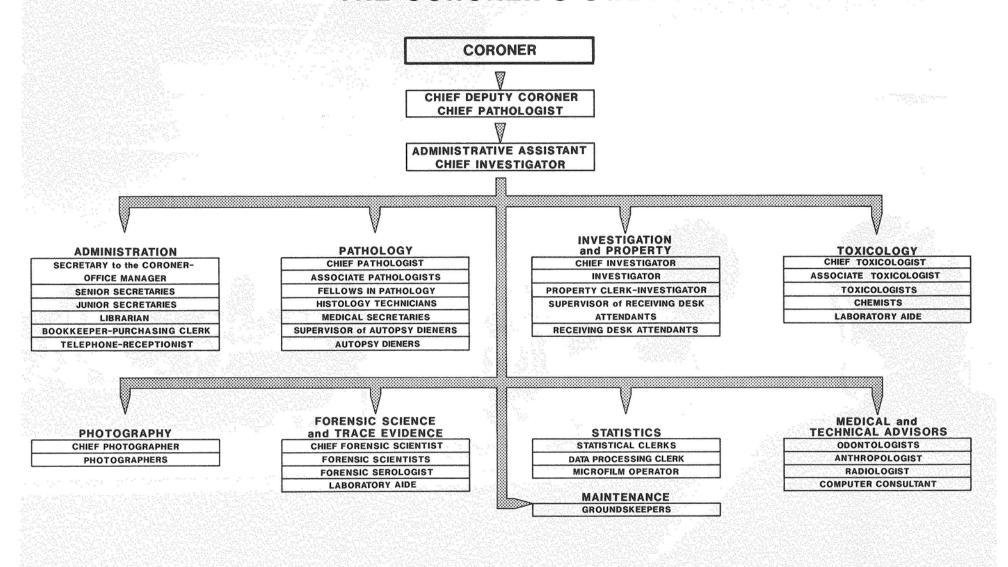
FOURTH DEGREE.

WHO SIGNS THE DEATH CERTIFICATE?

SECTION 3705.27. THE PERSONAL AND STATISTICAL PARTICULARS IN THE CERTIFICATE OF DEATH OR STILLBIRTH SHALL BE OBTAINED BY THE FUNERAL DIRECTOR OR OTHER PERSON IN CHARGE OF INTERMENT OR CREMATION FROM THE BEST QUALIFIED PERSONS OR SOURCES AVAILABLE. THE STATEMENT OF FACTS RELATING TO THE DISPOSITION OF THE

BODY AND INFORMATION RELATIVE TO THE ARMED SERVICES REFERRED TO IN SECTION 3705.26 OF THE REVISED CODE SHALL BE SIGNED BY THE FUNERAL DIRECTOR. THE FUNERAL DIRECTOR SHALL THEN PRESENT THE CERTICATE OF DEATH TO THE PHYSI-CIAN 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 MED-ICAL CERTIFICATE OF DEATH OR STILLBIRTH RE-QUIRED FOR A BURIAL PERMIT, EXCEPT AS OTHER-WISE AUTHORIZED BY REGULATION OF THE PUBLIC HEALTH COUNCIL.

THE CORONER'S STAFF



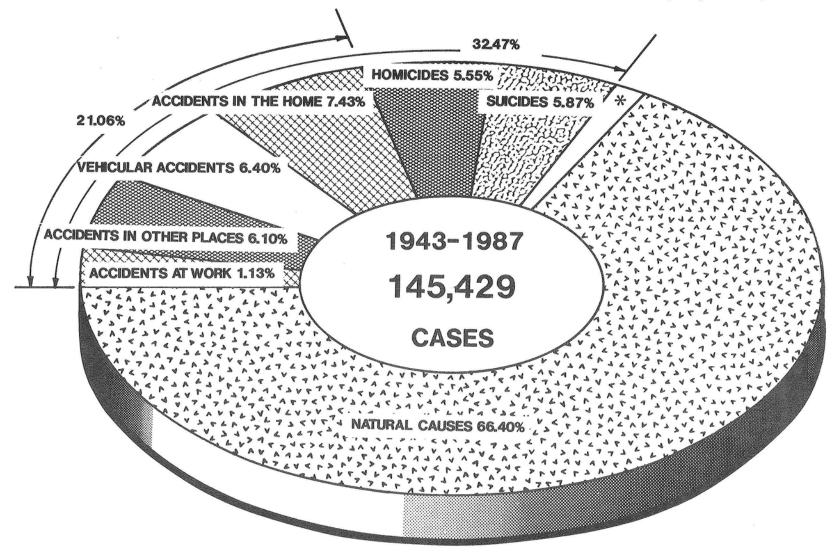
THE CORONER'S STAFF

CORONER
Administrative Assistant - Chief Investigator 1
Secretary to Coroner - Office Manager
Senior Secretaries
Secretaries
Librarian
Communications Clerk
Bookkeeper - Requisition Clerk
Telephone Operator - Receptionist
Investigator - Property Clerks
Desk Attendants
Grounds Keepers
PATHOLOGY DEPARTMENT
Chief Deputy Coroner - Chief Pathologist 1
Deputy Coroner - Pathologist
Associate Pathologist1
Fellow in Pathology
Histology Technicians
Medical Secretaries
Autopsy Dieners
MEDICAL AND TECHNICAL ADVISORS
Odontologists
Anthropologist
Computer Consultant1*
Radiologist
(Technician - included in Autopsy Diener)

PHOTOGRAPHIC DEPARTMENT
Chief Photographer
Photographers
STATISTICAL DEPARTMENT
Statistical Clerks
Technical Typist
Microfilm Operator
TOXICOLOGY DEPARTMENT
Chief Toxicologist
Associate Toxicologist
Toxicologists
Chemists
Technical Typist
Laboratory Aide
FORENSIC SCIENCE AND TRACE EVIDENCE
Chief Forensic Scientist
Forensic Scientists
Forensic Serologist1
Laboratory Aide
TOTAL

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



ABORTIONS: 0.05%

UNDETERMINED CAUSES: 0.16%

VIOLENCE OF UNDETERMINED ORIGIN: 0.54%

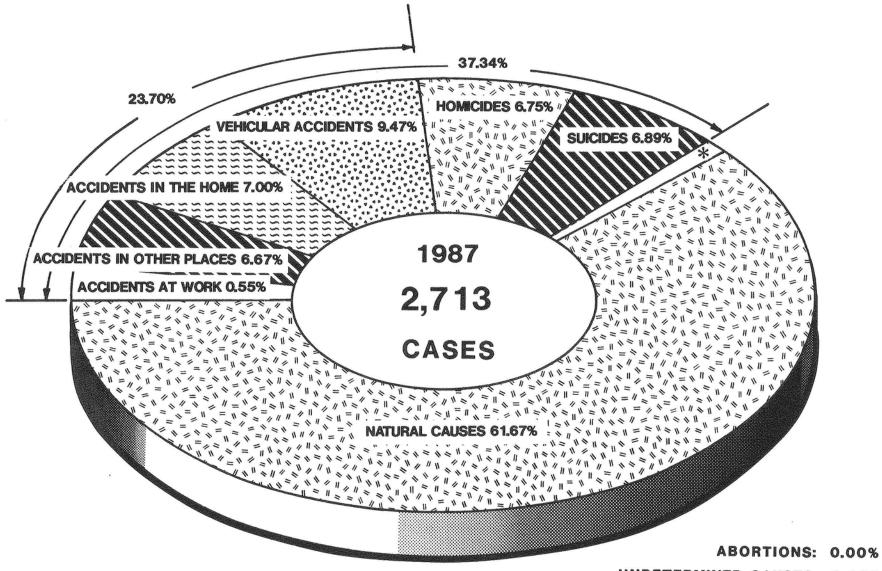
NEONATAL AND INTRA-UTERINE DEATHS: 0.38%

DEATHS FROM VIOLENCE: 33.01%

DEATHS FROM NATURAL CAUSES: 66.99%

*

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

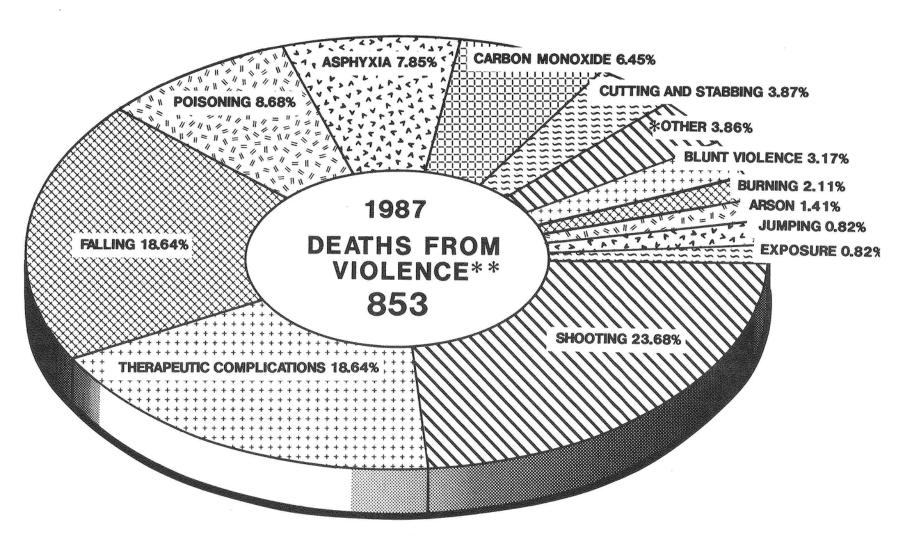


UNDETERMINED CAUSES: 0.18%

DEATHS FROM VIOLENCE: 38.11% VIOLENCE OF UNDETERMINED ORIGIN: 0.77% **DEATHS FROM NATURAL CAUSES: 61.89%**

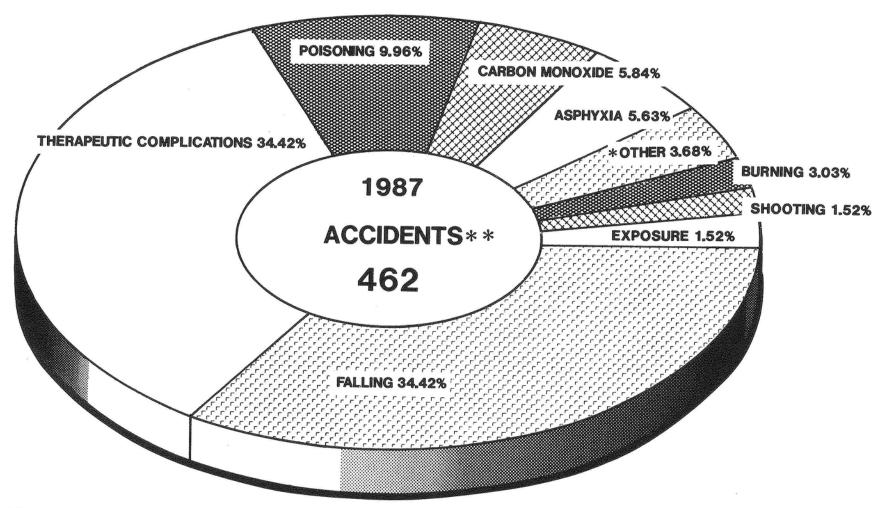
NEONATAL AND INTRA-UTERINE DEATHS: 0.04%

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, NEGLECT, RUN OVER BY MOTOR VEHICLE, STRANGULATION, STRUCK BY OBJECT, STRUCK BY TRAIN AND UNDETERMINED.

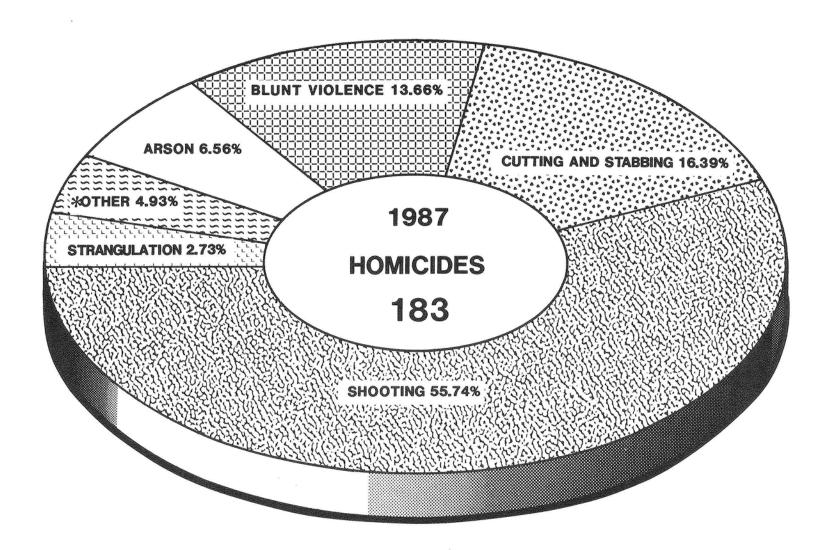
FATALITIES RESULTING FROM ACCIDENTS MODE OF OCCURRENCE 1987



^{*} 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.

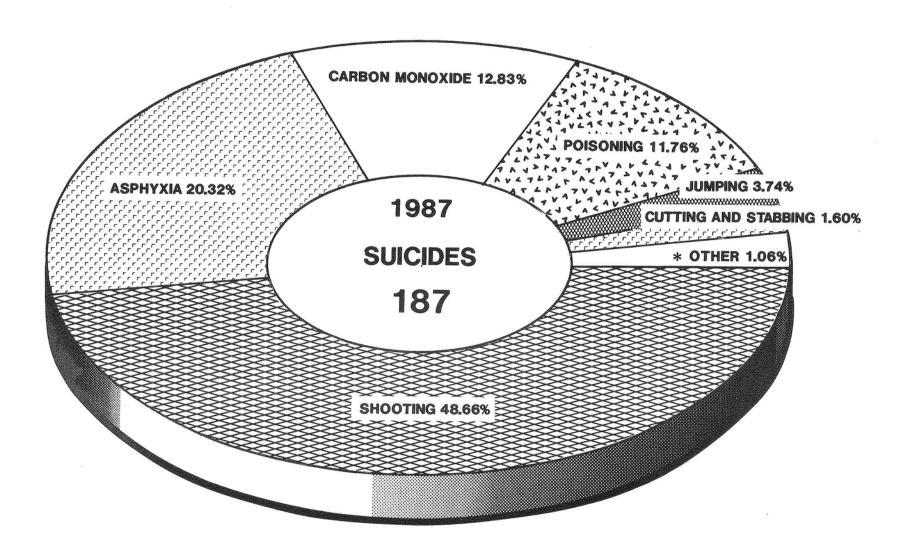
^{**} EXCLUDING VEHICULAR ACCIDENTS.

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	27 13	
CASES REPORTED-NOT ADMITTED	2452	26.28	
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

TYPES OF FATALITIES - SEX, RACE, AUTOPSY

TABLE B AUTOPSIED % OF SEX RACE TOTAL TOTAL MALE FEMALE WHITE NON-WHITE CASES* CASES 4.90 ACCIDENTS IN THE HOME 0.63 ACCIDENTS WHILE AT WORK 6.52 VEHICULAR ACCIDENTS 5.01 ACCIDENTS IN OTHER PLACES 6.71 HOMICIDES 6.86 SUICIDES 0.77 VIOLENCE OF UNDETERMINED ORIGIN 21,08 NATURAL CAUSES 0,00 **ABORTIONS** 0.04 NEONATAL AND INTRA-UTERINE DEATHS 0.18 UNDETERMINED CAUSES 52.71 GRAND TOTAL

^{*} Includes 111 Autopsies performed at hospitals

TYPES OF FATALITIES - 1986 AND 1987 INCIDENCE COMPARED

		TABLE C
	PERCENTAGE OF TO	TAL 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

					LABLE 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

	_	TABI								BLE E
	MOTORO	YCLIST (1)	CLIST (1) DRIVER (2)		PASSE	PASSENGER (3) PEI			TOTAL	
	NUMBE	R OF CASES	NUMBER	OF CASES	NUMBER	OF CASES	NUMBER OF CASES		NUMBER OF CASES	
DAY	TESTED	POSITIVE	TESTED	POSITIVE	TESTED	POSITIVE	TESTED	POSITIVE	TESTED	POSITIVE
SUNDAY	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

	•							L/ALP				
		FAL E CASES	NATURA	L CAUSES		ORK AND		CULAR LITIES	номіс	CIDE	SUI	CIDE
CITIES	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
THE RESERVE OF THE PARTY OF THE	17	0.63	9	52.94	1	5.88	2	11.76	1	5.88	4	23.53
Brook Park	32	1.18	14	43.75	12	37.50	4	12.50	1	3.13	1	3, 13
Cleveland Heights 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
CONTRACTOR AND ADDRESS OF THE PARTY OF THE P	13	0.48	4	30.77	2	15.38	3	23,08	1	7.69	2	15.38
Fairview Park	_	2.21	50	83,33	3	5,00	1	1.67	2	3,33	3	5,00
Garfield Heights	60		30	00,00	3	3.00	1	100.00				
Highland Heights	1	0.04		20.00		26.67	3	20.00	1	6,67	1	6,67
Independence	15	0.55	5	33.33	4 11	23,91	1	2.17	_	0.01	7	15,22
Lakewood	46	1.70	27	58.70	11	23,91	1	33.33		-	1 2	66.67
Lyndhurst	3	0.11		45.00		20,00	1	5.00	2	10.00	3	15,00
Maple Heights	20	0.74	9	45.00	4		1	1.89		10.00	1	1.89
Mayfield Heights	53	1.95	43	81.13	8	15,09	1	1.03		-	1 1	1.75
Middleburg Heights	57	2.10	50	87.72	3	5.26			1	10.00	1 1	10.00
North Olmsted	10	0.37	6	60.00	1	10,00		14.00		10.00	1 1	7.14
North Royalton	14	0.52	8	57,14	3	21,43	2	14.29				107.4
Olmsted Falls	1	0.04	1	100.00		F 60	ļ	5,13			8	6.84
Parma	117	4.31	94	80.34	9	7,69	6	6.25		-	6	37.50
Parma Heights	16	0.59	4	25.00	5	31,25	1	0.40			3	75.00
Pepper Pike	4	0.15	1	25.00			<u> </u>				1	6.25
Richmond Heights	16	0.59	14	87.50	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	Augustia in the latest and the lates		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

	· Control Cont	RSR-FINANCIANO CON ANA SENIO CANADA SENIO CA								TABL	EFO	cont.
		FAL E CASES	NATURAI	L CAUSES	HOME, WO	ORK AND ATALITIES	0. 940-000	CULAR LITIES	номі	CIDE	su	ICIDE
VILLAGES AND TOWNSHIPS	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases
VILLAGES: Bentleyville	0											
Bratenahl	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						I		
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:										1		
Chagrin Falls	0							1		1		
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

COUN	COUNTY POPULATION 1940: 1,217,250							
DEA:	THS IN	TOTAL DEATHS REPORTED	% OF DEATHS	CASES ADMITTED	% OF DEATHS			
COU	NTY	TO CORONER'S OFFICE	IN COUNTY	TO CORONER'S OFFICE	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%			

COUN'	ry Popu	LATION 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 POPUL	LATION 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

	LATION 1970: 1,721,300		TABLE G cont.			
DEATHS IN	TOTAL DEATHS REPORTED	% OF DEATHS	CASES ADMITTED	% OF DEATHS		
COUNTY	TO CORONER'S OFFICE	IN COUNTY	TO CORONER'S OFFICE	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 POPU	LATION 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.

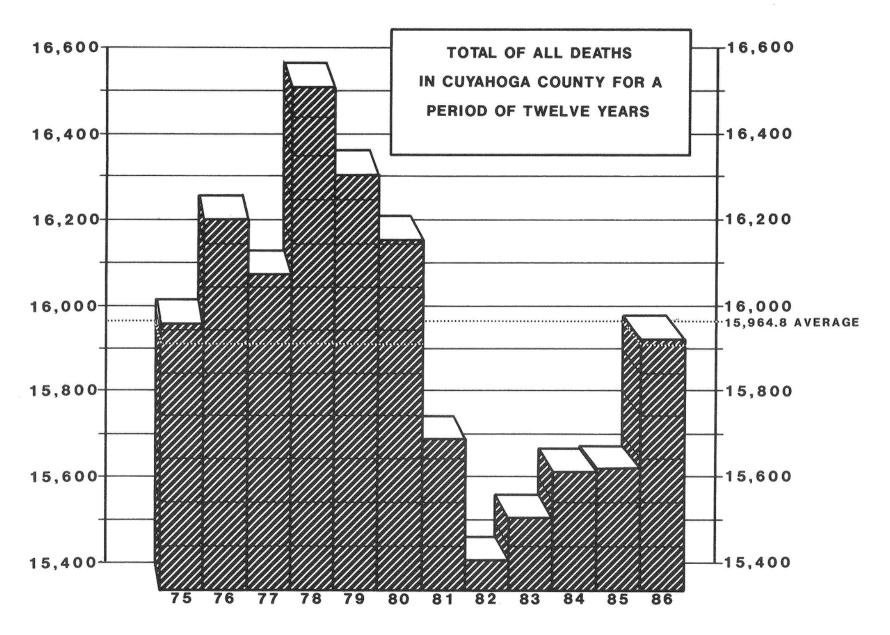
1987

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

CITIES

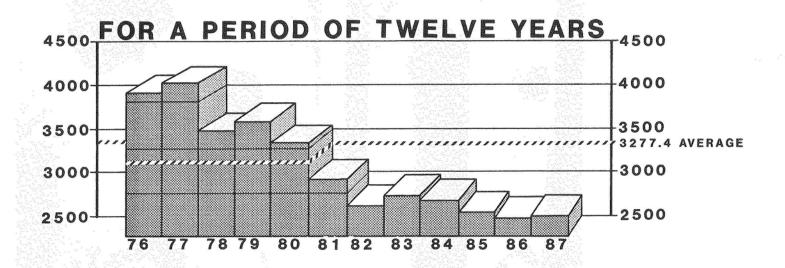
CLEVELAND 573,822	Middleburg Heights 16,218	Chagrin Falls 4,335
Bay Village 17,846	North Olmsted 36,486	Cuyahoga Heights 739
Beachwood	North Royalton 17,671	Gates Mills 2,236
Bedford	Olmsted Falls 5,868	Glenwillow 492
Bedford Heights 13,214	Parma	Hunting Valley 633
Berea	Parma Heights 23,112	Linndale 129
Brecksville	Pepper Pike 6,177	Mayfield 3,577
Broadview Heights	Richmond Heights 10,095	Moreland Hills 3,083
Brooklyn	Rocky River	Newburgh Heights 2,678
Brook Park	Seven Hills	North Randall 1,054
Cleveland Heights	Shaker Heights 32,487	Oakwood 3,786
East Cleveland 36,957	Solon	Orange 2,376
Euclid	South Euclid	Valley View 1,576
Fairview Park	Strongsville 28,577	Walton Hills 2,199
Garfield Heights 34,938	University Heights	Woodmere
Highland Heights5,739	Warrensville Heights 16,565	,
Independence	Westlake 19,483	TOWNSHIPS
Lakewood 61,963	VILLAGES	Chagrin Falls 136
Lyndhurst 18,092	Bentleyville	Olmsted6,976
Maple Heights	Bratenahl 1,485	Riveredge 477
Mayfield Heights 21,550	Brooklyn Heights 1,653	Warrensville 1,640

POPULATION OF CUYAHOGA COUNTY 1,498,400

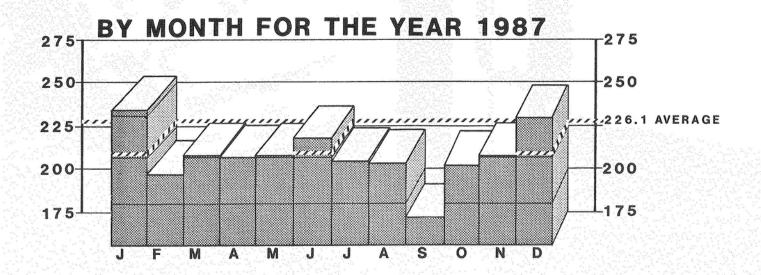


Deaths in Cuyahoga County for 1987 not available at time of publication.

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

				Policiania		TA	BLE 1
		COUNT	Y				
TYPE OF FATALITY	CLEVELAND	OTHER CITIES	REST OF COUNTY	OUT OF COUNTY	TOTAL	MISCELLANEOUS	TOTAL
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					6	*	
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.

Rest of County - Includes Turnpikes, Villages and Townships.

^{**} Includes 99 autopsies performed at hospitals.

N.A. - Not Available at time of Publication.

TOTAL CASES BY MONTH AND TYPE OF FATALITY

TABLE 2 JAN. FEB. MAR. APRIL MAY JUNE JULY AUG. SEPT. OCT. NOV. DEC. TOTAL GRAND TYPE OF FATALITY TOTAL F MF M F M F MF MF MF MF MF MF MF MF MF ACCIDENTS IN THE HOME 93 97 ACCIDENTS WHILE AT WORK VEHICULAR ACCIDENTS 2 14 5 11 4 14 135 46 ACCIDENTS IN OTHER PLACES 14 11 8 11 12 145 112 HOMICIDE 4 12 6 12 131 52 SUICIDE 4 13 5 15 1 11 2 14 2 144 VIOLENCE OF UNDETERMINED ORIGIN NATURAL CAUSES 95 | 54 | 88 | 59 | 99 59 81 50 60 72 91 50 82 35 89 64 1036 637 ABORTIONS NEONATAL AND INTRA-UTERINE DEATHS UNDETERMINED CAUSES GRAND TOTAL 84 144 72 137 89 151 74 130 96 152 84 125 98 137 85 134 57 136 85 140 94 1709 1004

AUTOPSIES BY MONTH AND TYPE OF FATALITY

	ni namana	(SADAH) MINGA	against the	N-002-0740			angel transfer		ongrammon on	Dinasia siyaa						-	************							No.	LVA.	1.51	
TYPE OF FATALITY	J.	AN.	F	EB.	M	AR.	AF	PRIL	М	AY	Л	JNE	J	JLY	Al	UG.	SE	PT.	0	CT.	N	ov.	D	EC.	то	TAL	GRAND
	M	F	M	F	M	F	M	F	M	F	М	F	M	F	М	F	M	F	M	F	M	F	M	F	М	F	TOTAL
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	1.1	.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		4	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

	-		9000000				_		Name and	***************************************	ugenenona	ACIMINA MINISTER					-		_		way direction of	NAME OF THE OWNER, OF THE OWNER, OF THE OWNER, OF THE OWNER, OWNER, OWNER, OWNER, OWNER, OWNER, OWNER, OWNER,		-	-								No.	-					E 4
TYPE OF FATALITY		der ear	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	то	TAL	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	М	F	М	F	M	F	M	F	M	F	М	F	M	F	М	F	M	F	M	F	M	F	M	F	М	F	IOTAL
ACCIDENTS:													Π		Π		Г	Γ	Г		Г					Π				Γ	Γ	T	Π	Π	Π				
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

	_					NESTINGATION OF			ugustana.		-		-					*****					-			Westermin										ij	A :	3L	E 5
TYPE OF FATALITY	U:	nder 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	то	TAL	GRAND TOTAL
APP UP of Professional Committee of the	M	F	M	F	M	F	М	F	M	F	M	F	M	F	M	F	M	F	М	F	М	F	M	F	М	F	M	F	M	F	М	F	M	F	M	F	М	F	TOTAL
ACCIDENTS:																																Π		Γ	Π				
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	Г	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

Cityling				OCCUPATION DESCRIPTION	7	VIOLEN'	r deat	HS	MIN	ina Brita Damiero il cierco	- Complete	1					
Cleveland			A	CCIDEN'	TS			OTHI	ER VIOL	ENCE	hand his basic of the parameter	1		M:	}[[6	
Cleveland		гне номе	LE AT WORK	HCULAR		FAL ACCIDENTS	AICIDE	CIDE	DETERMINED ORIGIN	TAL OTHER LENCE	FAL ALL VIOLENCE	TURAL CAUSES					GRAND
Bax of Number 1	CITIES	Z	WHI	VE		TOT	НОМ	SUI	IN	TOT	TOT	NAT	AB(LIV	CAL	TOT	TOTAL
Bay Village	Cleveland	101	7	79	195	382	155	85	11	251	633	982			2	984	1617
Bedford	Bay Village	1			1	2		2	1	2	4	1			-	1	5
Bedford	Beachwood	1		1	1	1		1	†	1	2		†		 		
Bedford Heights 3	Bedford		1	2	1		1	3	1	5	12			†			
Breaksville	Bedford Heights	3	-			3	1	3		4	7	4		†		4	11
Breaksville		2		1		3					6		 	†		I	
Broadview Heights	Brecksville		İ		1	1		2					-				
Brooklyn		 		3	 					5 000000 2005		2			 	2	
Brook Park		1 1			1	4					R					S. C.	
Cleveland Heights		CONTRACTOR OF STREET					1				_		-	-		8	
East Cleveland	THE COLUMN STATE OF THE PARTY O				3										-		
Euclid 7			 						2					-			
Fairview Park		Control of the Contro	1	-	A STATE OF THE PARTY OF THE PAR	Question of the later of	_	A STATE OF THE PERSON NAMED IN COLUMN NAMED IN			The second secon	CONTRACTOR OF THE PERSON NAMED IN					THE RESIDENCE OF THE PARTY OF T
Garfield Heights	Property of the State of the St	-	ORGANIZATION AND ADDRESS OF THE PARTY OF THE	-			-		1					-		-	
Highland Heights	A PROPERTY OF THE PROPERTY OF	The Part of the Pa	<u> </u>	CONTRACTOR DESCRIPTION AND ADDRESS OF THE PARTY OF THE PA	2			_	1	A							
Independence		 	-		- 4	The state of the s		3		3	-	30		-	1	21	THE PERSON NAMED IN COLUMN 2
Lakewood		3					1		1	2				-		-	
Lyndhurst	The state of the s								-								
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 3 2 5 1 1 6 8 8 8 14 Olmsted Falls 4 2 6 3 15 8 8 23 94 94 117 Parma Heights 4 1 1 6 6 6 6 12 4 4 16 Richmond Heights<		0	 		3							21				27	
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	The state of the s	9							1								
Middleburg Heights 3 3 1 1 2 5 50 2 52 57 North Olmsted 1 1 1 1 1 1 1 3 4 6 6 10 North Royalton 3 2 5 1 1 6 8 8 14 Olmsted Falls 1 4 1 1 6 6 6 6 1 2 4 1 1 4		-		-			4	-	1								
North Olmsted		- 4															The same and the s
North Royalton 3					3			-	-			-			2	_	A
Olmsted Falls 1 4 1 1 4 1 1 4 1 1 4 1 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 1 4 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 <		THE REAL PROPERTY AND ADDRESS OF THE PERTY ADDRESS					1	-	1	-	-	-				The same of the sa	CONTRACTOR OF THE PARTY OF THE
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 3 1 1 4 16 Richmond Heights 1 1 1 1 1 2 14 14 14 16 Rocky River 2 7 2 11 1 1 1 12 8 8 20 Seven Hills 2 2 2 2 2 2 2 2 2 2 6 Shaker Heights 2 2 2 2 2 2 4 2 2 6 Shaker Heights 2 2 2 6 1 1 2 8 11 11 19 Solon 3 3	Control of the contro	3		2		5		1		1	6	-				OCCUPATION AND ADDRESS OF	THE RESERVE OF THE PERSON NAMED IN
Parma Heights 4 1 1 6 6 6 12 4 4 16 Pepper Pike 33 3 3 3 1 1 4 16 4 16 14 14 16 14 14 16 14 14 16 16 16 16 16 16 16 16 16 16 16 16 12 4 4 16 1		-													-	Accompany of the last of the l	CONTRACTOR DESCRIPTION OF THE PARTY OF THE P
Pepper Pike		-	2	CHARLES SERVICE AND ADDRESS OF THE PARTY OF	and the same of th	-				OCCUPANT OF THE PARTY OF THE PA	and the local division in the local division	-	-			-	The state of the s
Richmond Heights 1 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 2 2 4 2 2 2 6 Shaker Heights 2 2 2 2 2 2 4 2 2 2 6 Shaker Heights 2 2 2 6 1 1 2 8 11 11 19 Solon 3 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 5 7 </td <td></td> <td>4</td> <td></td> <td>1</td> <td>1</td> <td>6</td> <td></td> <td>And of the local division in the local divis</td> <td></td> <td>-</td> <td>Marine Contract of the Contrac</td> <td>STATE OF THE PERSON</td> <td></td> <td></td> <td></td> <td>MARKETTON OWNERS AND</td> <td></td>		4		1	1	6		And of the local division in the local divis		-	Marine Contract of the Contrac	STATE OF THE PERSON				MARKETTON OWNERS AND	
Rocky River 2 7 2 11 1 1 12 8 8 20 Seven Hills 2 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 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 Westlake 2 3 5 2 2 7 31 31 38								STATE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE OW		MANAGEMENT OF THE PARTY OF	THE RESERVE TO THE PARTY OF THE	THE RESIDENCE AND ADDRESS OF THE PERSON NAMED IN				1	4
Seven Hills 2 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 Werstlake 2 3 5 2 2 7 31 31 38					-			1		1	2	14				14	16
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 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				7	2	11		1		1	12	8				8	20
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						2		2		2	4	2				2	6
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		2		2	2	6	1	1	- The state of the	2	8	11					CONTRACTOR DESCRIPTION OF THE PARTY OF THE P
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	The state of the s			3		3		1		1	4	14				14	NAME OF TAXABLE PARTY.
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	South Euclid	2			1	3		3		3	6	10				THE RESERVE AND ADDRESS OF THE PERSON NAMED IN	THE RESERVE OF THE PARTY OF THE
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	Strongsville	1		4		5	1	3		4	9	5				-	Colonia de la co
Warrensville Heights 1 1 5 7 2 1 3 10 50 50 60 Westlake 2 3 5 2 2 7 31 31 38		1			1	2		THE RESIDENCE AND ADDRESS OF THE PERSON NAMED IN				THE RESERVE OF THE PARTY OF THE				-	
Westlake 2 3 5 2 2 7 31 31 38				1			2	-								PERSONAL PROPERTY.	CONTRACTOR OF THE PARTY OF THE
CDAND MOMAL				THE RESERVE AND PARTY AND PERSONS ASSESSMENT	and in contrast of the last	-		ACTIVITY OF THE PARTY OF THE PA		-		O DOLLAR DATE OF THE PARTY OF T					
MAGNE AVERLE 144 14 144 149 180 177 173 19 1369 1449 1661	GRAND TOTAL	172	12	147	249	580	177	173	19	369	949	1661	All the Control of th		5	1666	26 15

GEOGRAPHICAL LOCATION - ALL FATALITIES SUMMARY

					VIOLEN	T DEAT	HS		eunomernda II. jújud		1					
December		A	CCIDEN	TS			ОТНЕ	ER VIOL	ENCE	0		N.		\Box	ABI	LE 7
VILLAGES AND TOWNSHIPS	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
VILLAGES:																
Bentleyville				ļ	<u> </u>	ļ	ļ				<u> </u>			<u> </u>		0
Bratenahl Bracklan Maisha	1				1		ļ	ļ		1		ļ		ļ		1
Brooklyn Heights Chagrin Falls	1	-		ļ	1					1		ļ				0
Cuyahoga Heights	1	-	2		2		2	-	2	4	1	}	1		2	6
Gates Mills		 		<u> </u>				-	4	_ ×			 			0
Glenwillow				<u> </u>		2		-	2	2			-			2
Hunting Valley							<u> </u>	 							market and or the con-	0
Linndale								-								0
Mayfield											1				1	1
Moreland Hills	1				1			1	1	2			 			2
Newburgh Heights		 	1		1		1		1	2	PROCESSOR STATES					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	BARRICON PROCESSOR					2
TOTAL	4	1	5	1	11	4	6	1	11	22	7		1		8	30
TOWNSHIPS:																
Chagrin Falls								ACCOUNTY OF THE PERSON OF THE								0
Olmsted	1		2		3	1	***************************************		1	4	3				3	7
Riveredge					************											0
Warrensville			1		1					1	2				2	3
TOTAL	1	MARTIN STOLETON STOLETON	3		4	1			1	5	5				5	10
	AND ASSESSMENT OF THE PARTY OF	-						mercenous and	and the second second second	OR DESCRIPTION OF THE PARTY OF		-	THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN	-	-	NAME AND POST OFFICE ADDRESS OF THE PARTY OF

GEOGRAPHICAL LOCATION - ALL FATALITIES SUMMARY

				v	IOLENT I	EATHS	a practice store (first	Spelmonoyaamunuusidensk								
		AC	CIDENT	s			отн	ER VIOL	ENCE						TABL	.E 7A
TOTALS	IN THE HOME	WHILE AT WORK	VEHICULAR	IN OTHER PLACES	TOTAL ACCIDENTS	номісіре	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	26 15
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		accessors and a second			1						1
GRAND TOTAL	190	15	181	257	643	183	187	21	391	1034	1673	0	1	5	1679	27 13

ACCIDENTAL FATALITIES BY MONTH

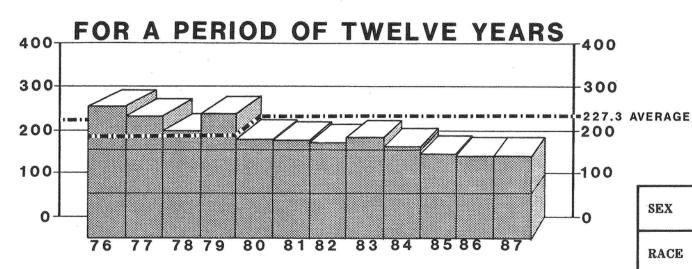
										*******	***		gonineiden)									40 400 M			*************		Ī	A	3L	E	8	
	н	OME	ACC	IDEN	TS			wor	K AC	CIDE	NTS			VEHI	CUL	AR A	CCIDI	ENTS			ОТН	ER A	CCID	ENTS	5			TO	FALS			
		ES			COUNTY		Q	ES			COUNTY		D	IES				COUNTY		D	IES			COUNTY		D	IES				COUNTY	
MONTH	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF CO	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF CO	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	TURNPIKE	OUT OF CO	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF CO	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	TURNPIKE	OUT OF CO	GRAND TOTAL
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

	diameter and the second						************				poravisovisi				*****					TA	BL	E	9	
		I	HOMIC	CIDES	3				SUIC	CIDES			UN		OLEN ERMI			IN			тота	L		
	AND	CITIES	SE	IPS	COUNTY		AND	CITIES	SS	IPS	COUNTY		AND	CITIES	25	IPS	COUNTY		AND	CITIES	SS	IPS	COUNTY	
MONTH	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF	TOTAL	CLEVELAND	OTHER (VILLAGES	TOWNSHIPS	OUT OF	TOTAL	CLEVELAND	OTHER CITIES	VILLAGES	TOWNSHIPS	OUT OF	TOTAL	CLEVELAND	OTHER (VILLAGES	TOWNSHIPS	OUT OF	GRAND TOTAL
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			Separation to the	anne en	nensuman	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

v			

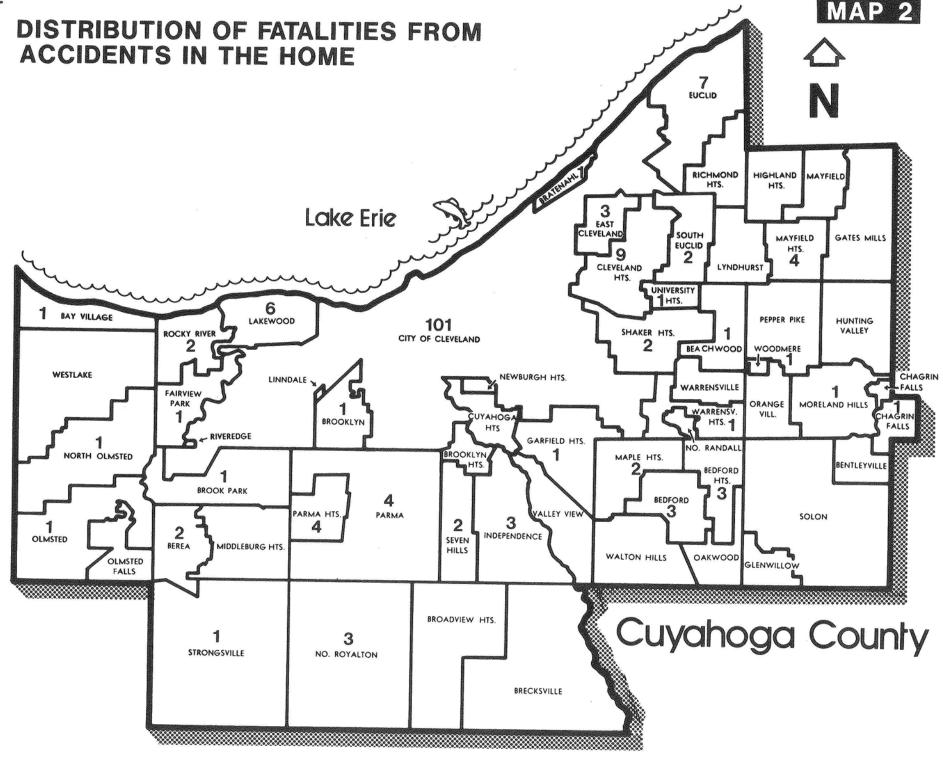
ACCIDENTS IN THE HOME



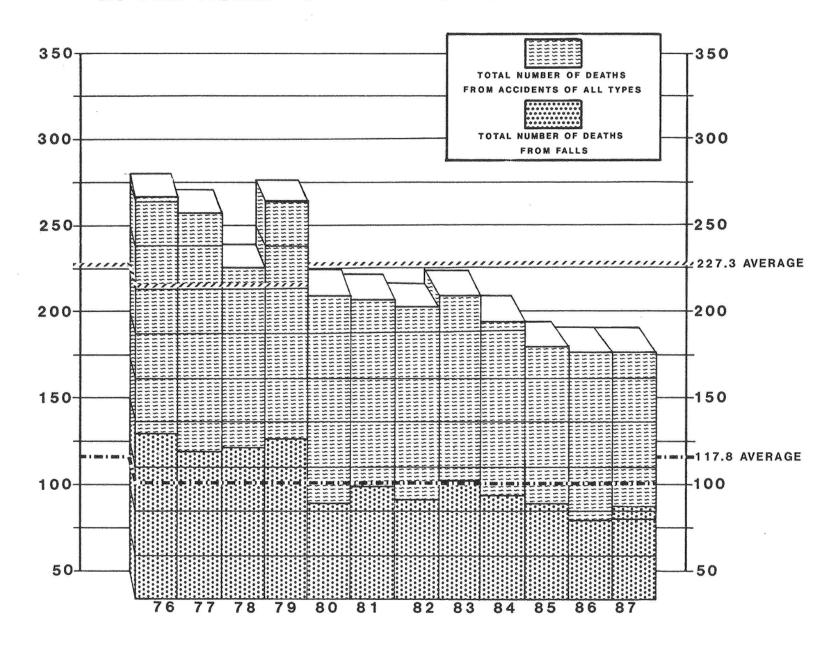
		NUMBER	PERCENT
CDV	MALE	93	49
SEX	FEMALE	97	51
DACE	WHITE	136	72
RACE	NON-WHITE	54	28
AT COULOI	TESTED	111	58
ALCOHOL	POSITIVE	15	14
AUTOPSY	AUTOPSIED	123	65

BY MONTH FOR THE YEAR 1987	-25	AUTOF
		AUTUI
20	-20	
15	15.8 AVE	RAGE
10	10	
	-10	
5	5	
J F M A M J J A S O N D		

1987
TOTAL CASES
190



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



MONTHLY ALCOHOL INCIDENCE

																																	I		3[1	0
												I	TOP	TE	STE	D					TE	STE	D					. (ST	AGES	3	***************************************	pura de la constante de la con	Nesember		
		To	otal	Cl	eve.	Co	unty		it of unty	Т	otal		irv' l'oo ong	1	Jnde Age		Oth	ıer	To	ital	N	eg.	Р	os.		01% 04%		05% 09%		10% 14%		15% 19%		20% 24%		25% 29%	0.3 or o	30% over
MONTH	TOTAL	М	F	М	F	М	F	М	F	M	F	М	F		4	F	М	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F
JANUARY	22	10	12	6	3	3	8	1	1	4	5	4	2	2		1		2	6	7	6	7						Π										
FEBRUARY	11	5	6	2	5	3	1			4	2	4	1	ı	T			1	1	4	1	3		1												1		
MARCH	14	8	6	4	2	4	4			3	4	2	4	T	T		1		5	2	4	1	1	1						1					1			
APRIL	16	10	6	7	4	3	1	Managarah	1	.3	4	3	3			1		1	7	2	5	2	2								1				1		П	П
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							104					1			
JULY	18	11	7	8	2	2	5	1		1	3		3				1		10	4	9	4	1		1												П	
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			The Character of the Control	1	2	3	5	2	5	1						1	2								
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

					summaries.		1177														-		ezecina inicia		Navidalises			1	3[L		ĺ	11
	we.						N	т то	EST	ED					TE	STE	D		-						STA	GES	3					
			To	otal	То	tal	T	rv'd oo ong		ider ge	01	her	To	otal	N	eg.	Po	s.		1% 04%)5%)9%	1	10% 14%		15% 19%		20% 24%	1	25% 29%		30% over
AGE	RACE	TOTAL	М	F	М	F	М	F	M	F	M	F	М	F	М	F	М	F	M	F	M	F	М	F	M	F	M	F	М	F	M	F
Under	White	2	T	2	T	1			T	1	Ī		T	1	T	1	T		T		T											-
1 Year	Non-White			Ì					Г								Ī															
	White	5	1	4					Π				1	4	1	4									Π							
1 – 4	Non-White	5	3	2									3	2	3	2																
F 0	White	2	1	1									1	1	1	1																
5 - 9	Non-White	3	2	1									2	1	2	1				Designation of the last of the												
10 - 14	White													Ī.																		
10 - 14	Non-White	1	1										1		1																	
15 – 19	White	2	2										2		2																	
10 - 15	Non-White	2	2										2		2																	
20 - 24	White	3	3										3		1		2				1				1							
20 - 24	Non-White	3	2	1	1		1						1	1		1	1												1			
25 - 29	White	4	4										4		1		3		1		1		1									
20 - 25	Non-White	1	1										1		1																	
30 34	White	4	2	2			L_						2	2	1	2	1						1									
00 01	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			
00 00	Non-White	3	1	2									1	2		1	1	1						1	1							
40 – 44	White	.3	2	1	1		1						1	1	1	1																
10 11	Non-White	6	5	1									5	1	5			1		1											NUMBER OF TRANS	
45 - 49	White	2	1	1			<u></u>						1	1	1	1															attentioner	
	Non-White	3	1	2		1		1					1	1	1	1		ORANGE AND ADDRESS OF THE PARTY		-		patroneranie		- Automobile in the								
50 - 54	White	7	5	2	3		2				1	TO STATE OF THE PARTY OF THE PA	2	2	2	2		_		-		***************************************										
	Non-White	2	.2									-	2		2			-				SECURIO DE									ALDON CATORING AND A	
55 - 59	White	5	3	2	1		1						2	2	2	2							*************	-					<u> </u>		-	
	Non-White	1		1			L						<u></u>	1	_	1																
60 - 64	White	4	1	3	1	1	1	1			<u></u>	-	<u> </u>	2	<u> </u>	1	_	1	<u></u>									-		1		
	Non-White	1	1	_	1		1		<u> </u>	and the same of th					<u></u>	_									<u></u>			erennico			-	
65 69	White	8	5	3	1	2	1	2					4	1	4	1	anti-trans								<u> </u>				_			
	Non-White	2,	1	1		1	<u></u>	1	<u> </u>			-	1		1																	
70 – 74	White	10	6	4	5	1	5	1	_	_	_		1	3	1	3			_				ļ		<u> </u>	<u></u>	_					
	Non-White	4	3	1	3	1	3	1				anthropia a				and the same						-					_					
75 – 79	White	16				5	1	4	_		1	1	3	-	3	4										-	_		<u> </u>			
	Non-White	2	-	1	1	_	1					-	<u></u>	1		1	OMERS CONTRACT	Memoura					_				_					
80 – over	White	51	THE REAL PROPERTY.	39	9	NAME AND ADDRESS OF	8	NAME AND ADDRESS OF THE OWNER, WHEN	-		1	4	3	9	3	9	_						<u> </u>				<u> </u>					
	Non-White	10	4	-	1	3	00	24	-	1	1	1	3	3	3	3	17		-		0		0		-	interestant		nie paragonia (-	<u> </u>		
TGTAL	White Non-White	136 54	33	76	-	40	22	34	-	1	3	ACHIEL PRINCIPAL	THE REAL PROPERTY.	Accessor	28 21	35 12	7	_	L.	-	2	-	2	1	1		<u> </u>		1	1	<u> </u>	
CDAND	TOTAL	Same and the same	93	DESCRIPTION OF	7 32	7 47	6	6 40	-	1	4	1	61		-	-	5 12	2	1	1	2		1	1	1				2	+	1	ici uniman
GRAND	LOIMD	190	93	31	34	*2 /	40	.×0	L	T	4	0	0.1	30	23	4/	17	J		1	4	SAN DELINE	3	1	2			-	3	1	1	

										pockers	DAY ON DAY		-		arma o diconste			nicontrol and																A			3	1	2
		genteen		nggrupsen	nonempris.	ngputerson.				L	Mercensista	on thomas	NO	тт	EST	ED						TES	TEI)						entranenta en en		ST	AGE	S	THE PERSON NAMED IN	elderlettere	April (March 10)		
		T	otal	C	eve.	Co	unty		it of unty		otal		Surv Too Lon	0	Un Aş	der ge	01	her)	l'ota	1	Ne	eg.	Р	os.		01% .04%		.05% .09%		10% 14%		15% 19%		20% 24%		25% 29%	0. or	30% over
MODE	TOTAL	М	F	M	F	М	F	М	F	М	F	1	M	F	M	F	М	F	M	T		M	F	M	F	M	F	M	F	М	F	M	F	M	F	М	F	М	F
ASPHYXIA	7	3	4	1	2	2	1		1										3		4	3	4	-	-		T			Î					T		T		
BURNING	12	4	8	4	6	Manager Comments	1		1	1	4		1	3				1	3	T.	4	2	4	1				WINDSHIP OF THE PERSONAL PROPERTY.	Τ	1		Control of the contro		000000000000000000000000000000000000000			Γ		
CARBON MONOXIDE	24	15	9	12	5	2	3	1	1		1			1					15		8	13	8	2		Γ						Name of the last				2			
CRUSHING	1		1						1												1		1					CHICKENSON				No. of Contract of							
EXPOSURE	2	1	1	1			1			West and the second		The state of the s							1		1	1	1									and the same of th							
FALLING	102	44	58	18	21	22	34	4	3	29	39	26	3	34			3	5	15	19	9	15	18		1	Consultant of the last											1		
POISONING	34	20	14	16	10	4	4			2	2	1	ı	2			1		18	12	2	11	10	7	2		1	2		2	1	1				1		1	
SHOOTING	5	4	1	3	1	1		The state of the s				No. of Contrast of							4	1		2	1	2		1		A STATE OF THE PARTY OF THE PAR				1							
OTHER*	3	2	1	1		1			1		1		I	1		1			2			2																	
TOTAL	190	93	97	56	45	32	44	5	8	32	47	28	4	0		1	4	6	61	50		19	47	12	3	1	1	2		.3	1	2				.3	1	1	

^{*} Coronary episode during a fire, Canine attack and Ingestion of foreign metalic body.

										garantan				NO COLUMN	(animonalulo																			E			1	3
		(Province)		-		_						ľ	TO	TES	STE)					TE	STE	D			distrativitae					ST	AGE	3					
· · · · · · · · · · · · · · · · · · ·		Т	tal	Cl	eve.	Cor	inty		t of unty	Т	otal	1	irv'd Foo ong		Jndei Age		Other	Oliver Management	Tot	tal	N	eg.	F	os.		01% 04%		05% 09%		10% 14%	0.	15% 19%	0. 0.	20% 24%		25% 29%	K	30% over
MODE	TOTAL	М	F	М	F	М	F	М	F	М	F	М	F	М	F		M F		M	F	М	F	M	F	М	F	М	F	M	F	М	F	М	F	М	F	М	F
ASPHYXIA:											Π		Π	Γ	T		T	T											Π	Γ	Г			Г				П
Aspiration of Foreign Object	1	1		1						Spiriture Spannes Have									1		1																	
Drowning	5	1	4		2	1	1		1				\top	T	\top	T	\top	1	1	4	1	4	T							\vdash	m		m				\vdash	
Plastic Bag	1	1				1							T	Ī	T	T	\top	T	1		1	T	T						T				T					
TOTAL	7	3	4	1	2	2	1		1	Г		Ī	T	T		T	\top	1	3	4	3	4	ļ						T									
BURNING:										T				Ī	\top	十	┪	Ť	\forall				T															
Conflagration	10	4	6	4	5				1	1	2	1	1					1	3	4	2	4	1						1									
Incidental Fire	2		2		1		1				2		2	T	T	T			1																			
TOTAL	12	4	8	4	6		1		1	1	.4	1	3			T		1	3	4	2	4	1						1							econing privateles		
CARBON MONOXIDE:													Γ	Γ	T	T	T	T																		etantuenta		
Auto Exhaust	5	4	1	2		2	1									-			4	1	3	1	1			2000									1			
Conflagration	18	11	7	10	5		1	1	1		1		1		T	T	T	Ī	11	6	10	6	1	П											1			
Undetermined	1		1				1							The second	T		\top	T	\top	1		1		П														
TOTAL	24	1.5	9	12	5	2	3	1	1		1		1			Ī	T	T	15	8	13	8	2												2			

																															T'	100	L		1	3	A
												N	OT :	res	red			L		TE	STE	D		I		-				STA	GES						
		То	otal	Cle	eve.	Coi	unty		t of unty	Т	otal	1	rv'd oo ong		nder Age	0	ther	Т	otal	l	Veg.		Pos.	0. 0.	01% 04%		05% 09%	0.1		0.1	15% 19%	0.: 0.:	20% 24%		25% 29%	0.3 or 0	30% over
MODE	TOTAL	М	F	М	F	М	F	M	F	М	F	M	F	М	F	М	F	М	F	М	F	M	F	M	F	М	F	M	F	M	F	M	F	M	F	М	F
CRUSHING:																Γ										missessim.											
Bird Bath	1		1						1			Paralle San Control						and the second	1		1																
TOTAL	1		1						1									National Control	1		1																
EXPOSURE:																Γ	Π		Π		T	T	T	Τ													
Cold	2	1	1	1			1											1	1	1	1																
TOTAL	2	1	1	1			1											1	1	1	1																
SHOOTING:														Π		Γ					T		Τ	Т													
Self-Inflicted Handling Gun	4	3	1	2	1	1												3	1	1	1	:		1						1							
Russian Roulette	1	1		1														1		1																	
TOTAL	5	4	1	3	1	1												4	1	2	1	1 2		1						1							
OTHER:																																					
Coronary Episode during a Fire	1	1				1												1		1																	
Canine Attack	1	1		1												Monthstoffin		1		1																	
Ingestion of Foreign Metalic Body	1		1						1		1				1							Anna Paris Contraction of the Co															
TOTAL	3	2	1	1		1			1		1				1			2		2																	

																																	E			1	4
											-	N	от	TES	TED					TES	STEE)					and Committee Co.	agamenta (Julio	MORRELLA	STA	GES	3					
		To	otal	Cl	eve.	Cor	inty		t of unty	Т	otal	7	rv'd 'oo ong		nder Age	o	ther	T	otal	N	eg.	P	os.		01% 04%		05% 09%		10% 14%		15% 19%		20% 24%		25% 29%		30% over
POISONING	TOTAL	М	F	М	F	М	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F	М	F	М	F
Single Chemical Agent: Amitriptyline	1	1		1											Ī			1		1																П	
Carbamazepine	1	1				1								T	T			1		1								Г	Г				Г		Г	\Box	
Cocaine	3	2	1	2	1									T		T		2	1	2	1								T				Г			\vdash	
Insulin	1		1				1				1		1	Т			T												Г				Г			\Box	П
Opiate	4	2	2	2	2						1		1	T	T	T		2	1	2	1								Г							\Box	
Pentobarbital	1		1		1							The state of the s		Т	T				1		1															П	
Pentazocine	1		1				1						T	T	T	Г			1		1								Г				\vdash			П	
Phencyclidine	1	1		1										Ī		Г		1		1			П													П	
Salicylate	3	1	2	1	1		1			1						1			2		1		1		1												
Thioridazine	1	1		1														1		1																	
Combined Effect of Ethanol And:				A COUNTY OF THE COUNTY OF THE COUNTY								ATTENDED TO THE																									
Cocaine	1	1		1											L			1				1												1			
Opiate	2	2		2									1					2				2						1		1							
Propoxyphene	2	2		1		1								TO SERVICE STATE OF THE PERSON STATE OF THE PE				2				2				1										1	
Morphine and Codeine	1		1		1														1				1						1								
Acetaminophen, Benzo- diazepine and Propoxyphene	1	1		1														1				1						1									

										pulsus est	No.		encontrate de la contrate de la cont		soineur -we													17		3[E		4) }	C (t.
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		T	otal	CI	eve.	Co	unty		t of unty	Т	otal	1 7	rv'd Coo ong	U	nder Age	0	ther	Т	otal	N	leg.	P	os.		01% 04%		05% 09%		10% 14%		15% 19%		20% 24%		25% 29%		30% over
POISONING	TOTAL	М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F	M	F	M	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F
Combined Effect of Two Chemical Agents: Acetaminophen and Methanol	1	1		1						1		1				Ī																					
Codeine and Amitriptyline	T i		1	t	1	t	\vdash	1	\vdash	Ť	 	H	+-	+	+	+	+	1	1	1	1	\vdash	-	\vdash	1	├	\vdash	╁	\vdash	-	 	 	-	-	-	\vdash	
Diazepam and Opiates	1	1	1	1			\vdash			I	\vdash	┢	†-	+	+	+	+-	1	+	\vdash	+	1	_	\vdash	-	\vdash_{T}	\vdash	\vdash	+-	-	-	├	\vdash	├	├─	-	-
Imipramine and Diazepam	1		1		1	1	1	<u> </u>		1	1	1	+	+	+	+	+	┢	1	1	1	\vdash	+-	╁	├	-	-	-	-	<u> </u>	-	├	-	-	-	-	-
Opiate and Cocaine	1	1	1	\vdash		1	 	_	 	1	 	1	1	+	+-	+	+	1	+-	1	1	\vdash	\vdash	+-	-	┢	┼─	-	\vdash	-	-	├─	-	├	├─	\vdash	-
Combined Effect of Three			İ								T		1	1	t	T	1	T	t	T	1	t	_	\vdash	 	1	†		 	1		-		-	 	-	-
Chemical Agents:			1											1	1	1	1		1					ı	2	ē B	1										
Amitriptyline, Aceta-														1		1	1				1	1															
minophen and Salicylate	1		1		1			l				TOTAL STREET			1	1			1		1	ı															
Butalbital, Propoxyphene														T	t	T	T	1-	+-	T	t	†	 	1		1	1	-	 			-	\vdash	-	-	Н	$\overline{}$
and Acetaminophen	1		1		1									l				1	1		1	l															
Diazepam, Propoxyphene			T									Ī				T	T	T	†		1	1		\vdash		1		-	 			-	\vdash		-	\vdash	
and Codeine	1	1	1			1							1	1	1	1		1		1																	
Diazepam, Cocaine and				- Control											1	T	 			T	†		1				H		_							\vdash	\dashv
Opiate	1	1		1									1		1	1		1		1																	. 1
Combined Effect of Four														T	1	1		T	t^{-}	t	1	m								-						\vdash	\neg
Chemical Agents:				TAXABLE PARTIES								7					1		- 5																		
Propoxyphene, Aceta-																																					
minophen, Diazepam and				and the state of t																																	
Butalbital	1		1		1											Maria de la companya		200	1		1							,									
TOTAL	34	20	14	16	10	4	4			2	2	1	2	Г	T	1		18	12	11	10	7	2		1	2		2	1	1				1		1	

MODE - AGE GROUPS

																																							15
MODE		der ear	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	то	TAL	GRAND TOTAL
	M	F	М	F	М	F	М	F	М	F	M	F	M	F	М	F	М	F	M	F	М	F	М	F	М	F	M	F	М	F	M	F	M	F	М	F	М	F	
ASPHYXIA		1		2					1				1			1													1								.3	4	7
BURNING				1								1	1						. 1			Ţ.,					Γ	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		1		15	9	24
CRUSHING				1																																		1	1
EXPOSURE																																	1			1	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	NAME OF THE OWNER, THE									2	20	14	34
SHOOTING									1		1		1				1									1											.4	1	5
OTHER		1																					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

FALLS - ALCOHOL INCIDENCE

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						N	от	TEST	ED					TES	STED	1								ST	AGES						
		Т	otal	Т	otal	T	rv'd oo ong		ider ge	Ot	her	Т	otal	N	leg.	P	os.		01% 04%		05% 09%		10% 14%		15% 19%		20% 24%		25% 29%	8	30% over
FALLS BY CODE*	TOTAL	M	F	M	F	M	F	M	F	M	F	M	F	М	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	М	F
E 880 - From Stairs	23	13	10	10	3	9	3	MARKET		1		3	7	3	6		1												1		
E 881 - From Ladder	5	5		1				A STATE OF THE STA		1		4		4		Γ															П
E 882 - From Building or Other Structure	3	3										3		3																	
E 884 - From One Level to Another								Γ						- Control of the Cont	T																П
Bed	7	2	5	2	5	1	5			1																					The state of the s
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																\Box
Wheelchair	1	1		1		1																									
E 885 - On Same Level	39	14	25	11	19	11	16				3	3	6	3	6																\exists
E 888 - Unspecified	15	4	11	3	6	3	4				2	1	5	1	5						7										
TOTAL	102	44	58	29	39	26	34			3	5	15	19	15	18		1				1								1		\Box

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

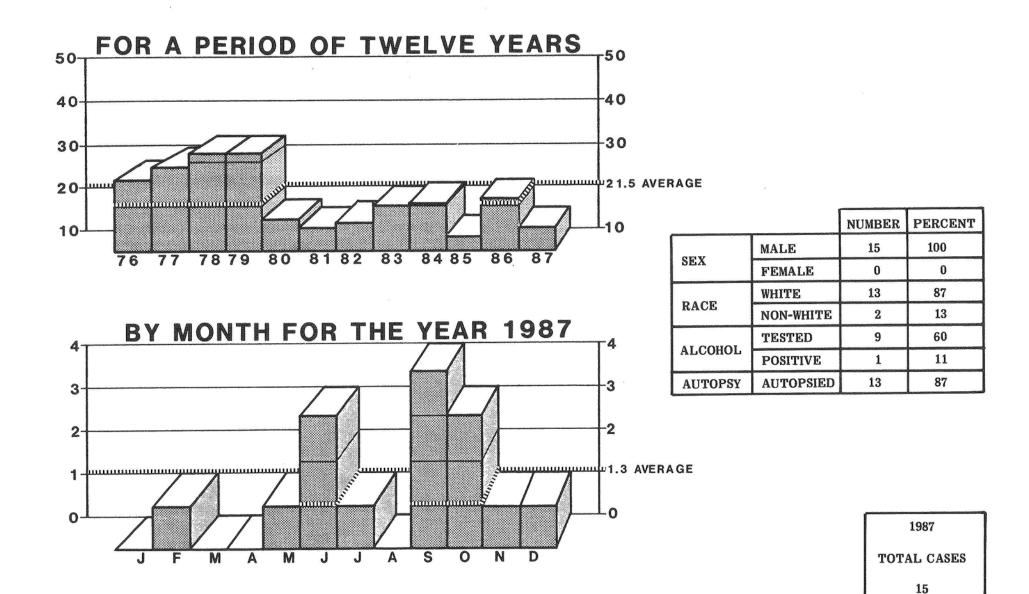
FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

FALLS - AGE GROUPS

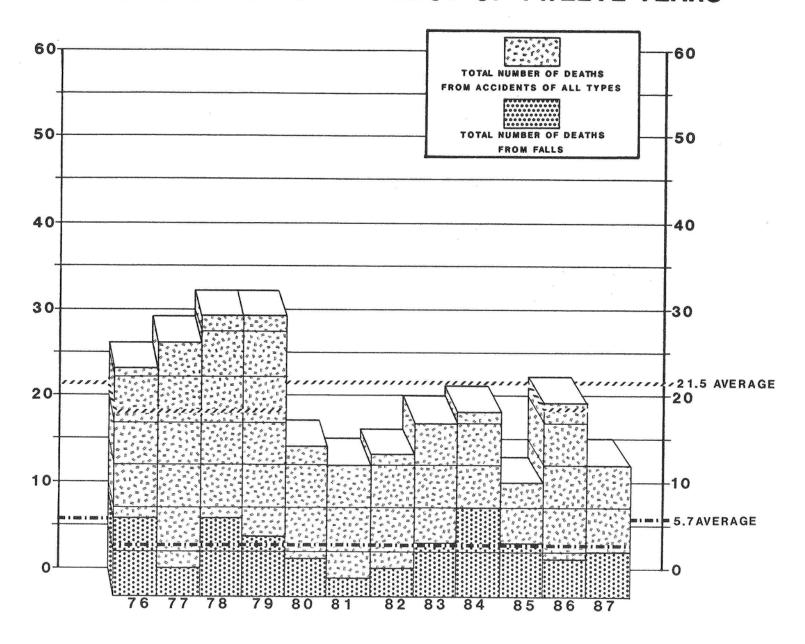
														Marian Indiana																						I	A	3[17
FALLS BY CODE*		der Tear	1	- 4	5	- 9	1	0 –	14	15 -	- 19	20 -	- 24	25	- 29	30	- 34	35	- 39	40	- 44	45	- 49	50	- 54	55	- 59	60	- 64	65	- 69	70	- 74	75	- 79	80	-over	то	TAL	GRAND TOTAL
	М	F	M	F	M	Ti	F	М	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F	М	F	М	F	М	F	M	F	М	F	TOTAL
E 880 - From Stairs												1								1				1				1	1	1	1	1		3	2	4	6	13	10	23
E 881 - From Ladder					T																			1						1		1		1		1		5		5
E 882 - From Building or Other Structure			1						The state of the s													1		1														3		3
E 884 - From One Level to Another							ĺ																																	
Bed																										я,								1		1	5	2	5	7
Chair	Г		Γ	T	T	T	T	1	1						Г		Γ	Γ		Γ		Г												Г		Г	1		1	1
Geri-chair			Г	T	T		T		\exists																						1								1	1
Tractor			Γ		T	T		T									Γ	1																				1		1
Walker					T		T		T							Γ		T													1		1			1	3	1	5	6
Wheelchair							T											Γ																		1		1		1
E 885 - On Same Level			Γ		T	T	T													1				1								5	1	1	6	6	18	14	25	39
E 888 - Unspecified					Ī				1										1				1			1		1		1		1	1		2		6	4	11	15
TOTAL			1		Γ		T		T			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



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



FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

MONTHLY ALCOHOL INCIDENCE

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												N	OT '	rest	CED					TES	STEL)	No.		MODUCANION					STA	GES						A STATE OF THE PARTY OF THE PAR
		Т	otal	Cı	eve.	Co	unty		t of unty	Т	otal	T	rv'd oo ong		ider ige	Ot	her	Т	otal	N	eg.	P	0S.		01% 04%		05% 09%	0.1	10% 14%	0.1	15% 19%		20% 24%		25% 29%	0.3 or o	
MONTH	TOTAL	М	F	М	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F
JANUARY	0																																				
FEBRUARY	1	1		1						1		1																									
MARCH	0	Name of the last								Transition to Control																											
APRIL	0																										L										_
MAY	1	1		1														1		1																	
JUNE	3	3		3						1						1		2		2																and the same of th	
JULY	1	1				1												1		1																	
AUGUST	0											A STATE OF THE STA																									
SEPTEMBER	4	4		2		1		1		1		1		Aceta in case of				3		3																	
OCTOBER	3	3				2		1		1		1		The state of the s				2		1		1				1											
NOVEMBER	1	1				1				1		1																									
DECEMBER	1	1				1				1		1																									
TOTAL	15	15	Π	7		6		2		6		5				1		9		8		1				1											

FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK AGE-RACE-ALCOHOL INCIDENCE

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							NC	тт	ESTI	ΞD		Address Proceedings			TES	STED)							NO-PORTURBOO	STA	GES						
			То	tal	Tot	al		v'd oo ng		der ge	Ot	her	То	tal	Ne	eg.	Po	s.	0.0		0.0		8	0% 4%		15% 19%	1	20% 24%	1	25% 29%		30% over
AGE	RACE	TOTAL	М	F	М	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	М	F	М	F	М	F	М	F	М	F
Under	White																															
1 Year	Non-White																													Designation of	Seriologica.	
1 4	White																															igspace
1 4	Non-White																												<u> </u>		<u></u>	
5 – 9	White																		_									-	<u></u>		<u></u>	
3 – 3	Non-White																-				_					L	ļ				_	<u> </u>
10 - 14	White																anantanana na				_									-	<u></u>	lacksquare
	Non-White					-	<u></u>			annual entre							_		_				_				<u> </u>		<u></u>	-	<u></u>	_
15 - 19	White			Щ			<u></u>		attended to												_		_		_	<u></u>	_		<u> </u>		<u></u>	
	Non-White				MADE PROPERTY.														<u> </u>	Щ	<u> </u>					-	<u> </u>	-	<u></u>	-	<u> </u>	_
20 - 24	White		<u> </u>														naii dalah da		L						_		<u> </u>	ļ	<u></u>		<u></u>	
	Non-White		<u></u>			-				an market to		en un marie		-		_	and an investment of									<u></u>	<u> </u>	-				₩
25 - 29	White	4	4		2		2		_				2		2						_				<u></u>	<u></u>	<u> </u>			<u> </u>		-
	Non-White		Ļ		-		<u></u>			-		and the same of	-		9							-		ļ	-	-	<u> </u>	-	<u> </u>	-	<u> </u>	┼
30 - 34	White	2	2	\Box		COLUMN TO SERVICE STATE OF THE		and the same			_		2		2	-			_		_		<u> </u>		_		<u> </u>			<u> </u>	<u> </u>	+
	Non-White		<u>_</u>		-							-	_	_	ļ.,			_	<u> </u>		<u> </u>	_	-		<u></u>		ـ	_		-	ļ	₩
35 - 39	White	3	3	_	_								3		3	\vdash	-	_	-		<u></u>		<u> </u>		-	 	╄	ļ		-	<u> </u>	╁
	Non-White		<u> </u>	\vdash	_		-									_		_			-				_	-	├-	-	-	_	<u> </u>	₩
40 - 44	White	1	1		1						1		١.	_	<u> </u>	-	-		-	_	1		<u> </u>	-	-	-	╀	-	<u> </u>	-	<u> </u>	+
	Non-White	1	1	\vdash			-		manufacturing	MINES OF STREET		-	1	-			1	_	_	_	1		-		-	-	╀	-	-	-	<u> </u>	╁
45 - 49	White		<u> </u>	\vdash					alas initias of				-	_	-	\vdash		_	-	-	-	-	-	-	_	-	╀	-	-	-	┝	₩
	Non-White		<u> </u>	\vdash			-	-	and the same	lerene sove	_		-	_	-		-	-	-	-	-	and the local division in		-	ожология	- Commercia	╁		-		<u> </u>	+-
50 - 54	White	1	1		1		1				_		-		-	_		-	-		-	DOCTOR NO.	-		_	-	+-	-		ļ	<u> </u>	+-
	Non-White		<u>_</u>		_		-					entire trans	1		1	-		_	<u> </u>		-	-	-	-	-	-	╁	-	 	-	-	+-
55 - 59	White	2	2	-	1		1			-	-	picancorpai	1	-	1	\vdash			\vdash	_	-	-	 		-		-		-	-	-	+
	Non-White		-		-	-					_	-	-	-	-	-	-	-	-	\vdash	_		-		-	-	-	-	-	-	-	\vdash
60 64	White Non-White		-	-		_	-			-	_		-	-	-	\vdash	-		-				-		-	-	-		 	-	-	\vdash
	White		-	Н		-	-		-				-	-	-	-	-			-	-	NATIONAL PROPERTY.	-		-	-	-	-	-	-	 	\vdash
65 - 69	Non-White		-	\vdash	_		-		_	_	_	_	-	-			-			-	-		-	MARKET	-	-	-			ADDRESS OF THE PARTY OF THE PAR	-	
parinto uni missi Marcial Straws-	White		-	\vdash	_		-			_	_		-		-			THE CONTRACT OF THE CONTRACT O	-	-		em/weish	-	-	-	-	-			-	-	
70 – 74	Non-White			\vdash		-	-				_						ama angarina angari								-	<u> </u>	1				-	
	White							-		-	Commontpacts	-					-			-	_	-		-			-			\vdash		\vdash
75 - 79	Non-White		-														component	ana cower	-	autor/reus		вынавшина	-									
	White			\vdash				-			_											-										\forall
80 – over	Non-White	1	1		1		1					denoted the control	en chemistra		-							***********		armonico.		CWATCH SO		PARAMETER ST.	************		-	1
	White	13	13	000000000	5		4		artanoon (1	SHERWANISH	8		8	NACO PROPERTY.	Strivetical	edections:	to manage		Drug to Gray (in the last of t	eautotal	GERNANDO CO	SECOLUSIONS.	loonumous.		Description of the last of the	MERCHANIA CO			and and	ALC: NO.
TOTAL	Non-White	2	2		1		1						1				1				1			-				-	**********			
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FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

																																			3		2	20
		***************************************										1	OT	TE	STE	ED					TE	STE	D								ST	AGES					Marketon	Managara
		T	otal	Cl	eve.	Cor	inty		t of unty	T	otal	7	rv'd Coo ong	1	Und Age	er e	Otl	her	Т	otal	N	eg.	P	os.		01% 04%		05% 09%		10% 14%		15% 19%		20% 24%		.25% .29%		30% over
MODE	TOTAL	M	F	М	F	M	F	М	F	М	F	М	F	T	М	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F	М	F
ASPHYXIA	1	1		1										I					1		1																I	
BURNING	2	2		2						1							1		1		1						-							L			L	Ш
CARBON MONOXIDE	2	2		1		1													2		2															L	L	
CRUSHING	1	1				1						ON THE PERSON NAMED IN		I					1				1				1							L		L	L	
ELECTROCUTION	1	1		Section of the Person of Control		1				1		1																								L	L	Ш
FALLING	4	4		2		1		1		2		2							2		2															L		Ш
STRUCK BY OBJECT	2	2		1		1				1		1							1		1																L	Ш
OTHER*	2	2				1		1		1		1							1		1												L			L		Ш
TOTAL	15	15		7		6		2		6		5			\perp		1		9		8		1		L		1											

^{*} Fall from horse.

FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

										Posterior		Mark States		*************				~				TOTAL CONTROL	*Siryuminin Au									II!				2	1
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TOTAL	2	2		2						1					T	1		1	T	1	П																
CARBON MONOXIDE:											Π		T	Π	T	Г	T	Γ	T	Г		П															
Auto Exhaust	1	1				1												1	1	1	1																
Incidental Fire	1	1		1									Π	Π		Г		1		1																	
TOTAL	2	2		1		1						Γ	T	Π	Π	T	T	2	T	2																	
CRUSHING:										Г	П		T	Г	Ī	Г	Т		T			П															
Tow Motor and Load	1	1				1												1				1				1											
TOTAL	1	1				1							I	Π	T			1	Π			1				1											
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OTHER:														Γ	T		П								T			寸								1	
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FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK MODE - AGE GROUPS

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MODE		der ear	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	то	TAL	GRAND TOTAL
	M	F	M	F	M	F	M	F	М	F	М	F	M	F	M	F	М	F	M	F	М	F	M	F	М	F	М	F	M	F	М	F	M	F	М	F	М	F	IOTAL
ASPHYXIA													1																								1		1
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FALLS - ALCOHOL INCIDENCE

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						N	OT T	EST	ED					TES:	TED									STA	AGES						
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E 881 - From Scaffold	2	2		1		1						1		1														_	_	L	
E 882 - From Roof	1	1				And in the section of						1		1																	
E 884 - From One Level to Another									*)					Contract Con				-													
Truck	1	1		1		1			anticon were														a inches			_		_			
TOTAL	4	4		2		2						2		2																	

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

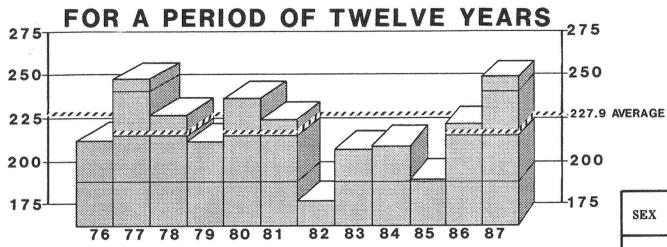
FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

FALLS - AGE GROUPS

province and the second	·	-			,		-		-				-		-	-	_				_			DIRECTOR AND AND		-	growen man	The state of the s	_	-	***********		tolera-o-a		U				24
FALLS BY CODE*		der 'ear	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	то	TAL	GRAND TOTAL
	M	F	M	F	М	F	М	F	М	F	М	F	M	F	M	F	М	F	M	F	М	F	M	F	M	F	М	F	M	F	M	F	М	F	M	F	M	F	TOTAL
E 881 - From Scaffold															1	æ							1									Π			Γ		2		2
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Truck																									1		-										1		1
TOTAL															1		1						1		1												4		4

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

ACCIDENTS IN OTHER PLACES



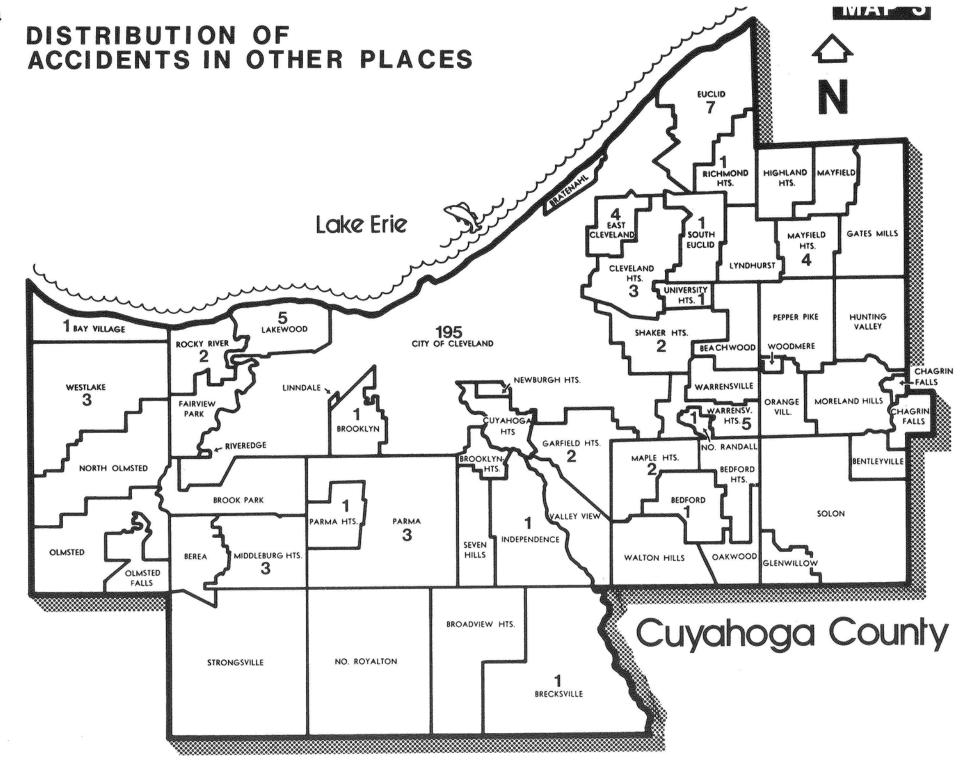
175	277	MALE	145	56
	SEX	FEMALE	112	44
	DAGE	WHITE	207	81
	RACE	NON-WHITE	50	19
	A F GOVYOY	TESTED	76	30
т40	ALCOHOL	POSITIVE	19	25
	AUTOPSY	AUTOPSIED	79	31
30				

NUMBER

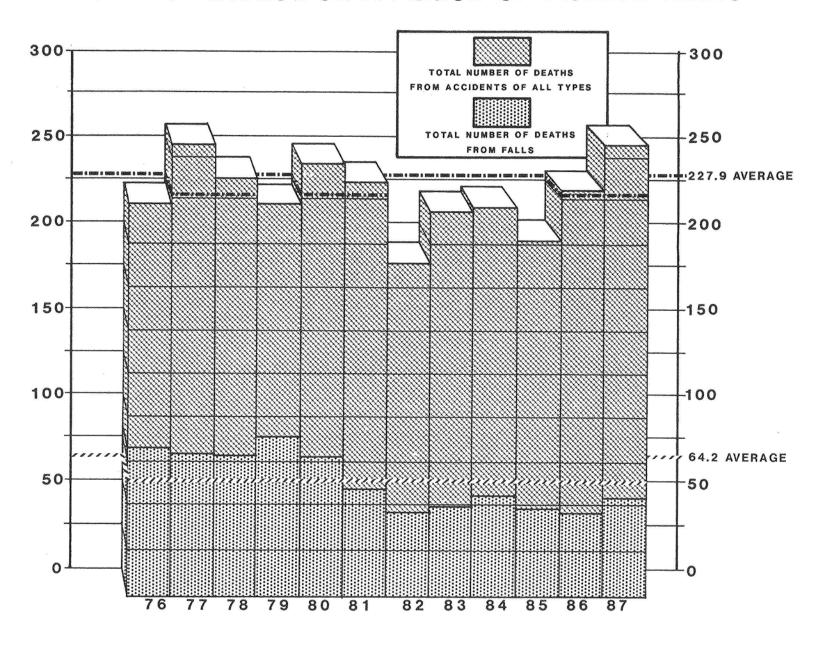
PERCENT

407	BY MONTH FOR THE YEAR 1987	T40	ALCO
30-		30	AUTO
20-		21.4	AVERAGE
10-		10	
0		\perp_{o}	
	J F M A M J J A S O N D		

1987
TOTAL CASES
257



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



MONTHLY ALCOHOL INCIDENCE

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		gariname					NAME OF TAXABLE PARTY.		#100784000W100W			P	OT	TES	red					TE	STE	D								ST	AGE	3					
P		Т	otal	Cı	eve.	Co	unty		t of unty	T	otal	1	rv'd 'oo ong		nder Age	0	ther	Т	otal	N	eg.	F	os.		01% 04%		05% 09%		10% l4%		15% 19%		20% 24%		.25% .29%	8	30% over
MONTH	TOTAL	М	F	М	F	M	F	M	F	М	F	М	F	М	F	М	F	М	F	M	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F
JANUARY	22	15	7	12	6	3	1			14	5	11	4		T	3	1	1	2	Γ	2	1		Γ	Ī			1				Γ	T		T	T	П
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APRIL	12	4	8	3	6	1	2			3	8	3	8					1		1					Ī						T				Γ	Г	П
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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	Γ													1	П
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	Oliver and the second	1	2								1				1			
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NOVEMBER	17	9	8	8	4	1	3		1	4	6	1	4			3	2	5	2	2	2	3			4			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	П	5	T

FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES 77 AGE-RACE-ALCOHOL INCIDENCE

TABLE OR

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Under	White	10	6	4	6	4	4	1	2	3																-				Ш		L
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- 0	White	1	1										1	and the same of th	1				MARKET NAME OF THE OWNER, THE OWN	-						-				\sqcup	-4154540	Ļ
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15 10	White	3	2	1		1		1					2	#110HOLD HOM			2								<u> </u>	_	1			\vdash	1	Ļ
15 – 19	Non-White	1	1									NAME OF TAXABLE PARTY.	1		1										<u>_</u>	_	<u></u>			\vdash		-
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20 - 24	Non-White	2	1	1									1	1	1	1		-	acceptance of						<u></u>		<u> </u>	-	ļ	\vdash		Ļ
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25 – 29	Non-White	4	2	2		1						1	2	1		1	2				-				_	_	2	-	<u> </u>	\vdash		Ļ
30 - 34	White	3	1	2	1	2	1	2																	_		<u>Ļ</u>	_	<u> </u>	4		+
30 - 34	Non-White	3	3										3		1		2						1		<u> </u>		<u> </u>		<u> </u>		1	Ļ
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35 - 39	Non-White	1	1										1	-			1				_		Ļ		1		<u> </u>	-	<u> </u>	_		ļ
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40 - 44	Non-White	3	3		1		1						2		2							-		ļ	<u> </u>		4	ļ	-	-	<u></u>	+
45 40	White	5	2	3		2		2					2	1	1	1	1	_					<u></u>	_	<u>_</u>	-	╄	-	<u> </u>	4	1	Ļ
45 – 49	Non-White	2	2								<u></u>	-	2				2				1		ļ		1	ļ.,	_	-	-		-	Ŧ
50 - 54	White	7	5	2	4	1	1				3	1	1	1	1	1		_	<u></u>					<u> </u>	<u> </u>	<u> </u>	 	-	-	-	_	Ļ
30 - 34	Non-White						L	-						and the same of th	<u> </u>	-							<u></u>	ļ	Ļ.	-	╀	-	╀	-	_	+
55 - 59	White	14	6	8	5	5	5	3	-			2	1	3	L	3	1	<u> </u>	_			-	_		1		 	-	-	-		Ļ
33 - 35	Non-White	4	2	2	1	1		1			1	_	1	1	1	1	<u> </u>	ļ	<u> </u>	-		-	<u> </u>	<u> </u>	-	ـــ	┿	-		-	-	╀
60 64	White	23	19	4	13	4	7	4			6		6		6		<u> </u>	1_			<u> </u>	-	ļ	<u> </u>	╀	-	+-	-	 	+		Ŧ
60 – 64	Non-White	4	2	2	1	2	1	2	·				1		<u> </u>	<u> </u>	1	ļ	<u></u>		<u> </u>		ļ	ļ	╄	-	-	┼	1	-	-	╀
65 – 69	White	34	17	17	15	15	13	CONTRACTOR			2	4	2	2	2	2	<u> </u>	<u> </u>	<u> </u>	-	<u> </u>		<u> </u>	<u> </u>	╄	-	-	 	<u> </u>	+-	<u> </u>	+
03 - 09	Non-White	3	1	2	1	2	1	2		-			<u> </u>		<u> </u>		<u> </u>					-	<u> </u>	┞	╄	+	+-	+	-	-	<u> </u>	+
70 – 74	White	20	10	10	10	8	9	7		-	1	1		2	<u> </u>	2	<u> </u>		<u>_</u>				<u> </u>		╄	+-	+-	-	 	+-	-	+
10 - 14	Non-White	6	2	4	2	4	2	3				1	<u></u>	_	<u> </u>	-	<u> </u>	ļ		<u> </u>	<u></u>		<u> </u>	<u> </u>	╄-	-	+	 	+-	+-	-	+
75 70	White	18	10	8	8	7	4	7			4		2	1	2	1	_	<u> </u>			<u></u>		<u> </u>	-	┼	+-	+	-	ļ	+-	+	+
75 – 79	Non-White	4	3	1	2		2						1	1	<u> </u>	1	1	-				_	<u> </u>		+	+-	+	-	-	1	1	+
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MODE	TOTAL	М	F	М	F	М	F	М	F	М	F	N	F	T	м	F	М	F	М	F	M	F	,	a T	F	М	F	М	F	М	F	М	F	м	F	М	F	М	F
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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	1	3		4		3	\exists	1		5	

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

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MODE	TOTAL	М	F	М	F	М	F	M	F	M	F	M	F	М	F	M	F	M	F	M	F	М	F	M	F	M	F	М	F	M	F	M	F	М	F	М	F
ASPHYXIA: Aspiration of Foreign Object	4	4		3		1				2		2						2		2				1						2		1		1		2	
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CARBON MONOXIDE: Incidental Fire	1	1		1										L	ot	L	_	1	_		_	1	-	\vdash	_	Щ		_	_	_		1		\vdash	$\vdash\vdash$		_
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ELECTROCUTION: Live Wire	1	1						1		1				1		L						L		L		\sqcup								\sqcup	\vdash	\vdash	-
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COMPLICATION:	159	80	79	70	68	10	11			70	64	48	47	3	4	19	13	10	15	10	15																
TOTAL	159	80	79	70	68	10	11			70	64	48	47	3	4	19	13	10	15	10	15																
TRAIN ACCIDENT:																																					
Pedestrian	1	1		1							_							1		<u> </u>		1										1					
Trespasser	1	1		1														1				1								1							
TOTAL	2	2		2														2				2								1		1					
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Heart Attack during Legal																																					. 1
Intervention	1	1		1														1				1														1	
Water Skiing	1	1				1												1		1																	
TOTAL	2	2		1		1												2		1		1														1	

MODE - AGE GROUPS

																																						E	30
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	М	F	М	F	М	F	М	F	М	F	M	F	M	F	M	F	M	F	M	F	М	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																			L					1		1
ELECTROCUTION			1																										1								2		2
EXPOSURE														1					1										1						1	1	.3	2	5
FALLING	Г						Γ					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													L	L		9	3	12
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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

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FALLS BY CODE*	TOTAL	М	F	М	F	M	F	I	M	F	M	F	М	F	M	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F
E 880 - From Stairs	6	5	1	3	1	2	1				1	Π	2	T	2		T	Ī					T								T	-
E 881 - From Ladder	1	1	T	1	T	1	T		1					T		T	T	T					T	\vdash	m	\vdash					H	\vdash
E 882 - From Bridge	1	1	T	T	T		T	T	\forall				1	T	Ī	T	1						T			<u> </u>					1	\vdash
E 884 - From One Level to Another			T		T	Ī	T	T	T					T		T	T				<u> </u>						\Box					
Bed	5	3	2	3	2	2	1				1	1									Olivino											
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Walker	1	1	T	1		1	T	T	\top	7																		\neg	\neg			
Wheelchair	1		1		1		1		T	\exists																	\neg	\neg				
X-Ray Table	1	1		1		1		T	1	1																	\neg		\neg			
E 885 - On Same Level	24	11	13	9	11	7	11	T	T	1	2		2	2	2	2				\exists		7				\neg	\dashv	\neg		\neg		
E 888 - Unspecified	10	3	7	1	4	1	4	T	1	T			2	3	1	.3	1				\neg	\neg	1	\neg		_	\forall	\dashv	\dashv	\dashv		
TOTAL	53	27	26	19	21	15	20				4	1	8	5	5	5	.3						1					7	\neg	\exists	2	\neg

^{*} International Classification of Diseases by World Health Organization: Ninth Revision,

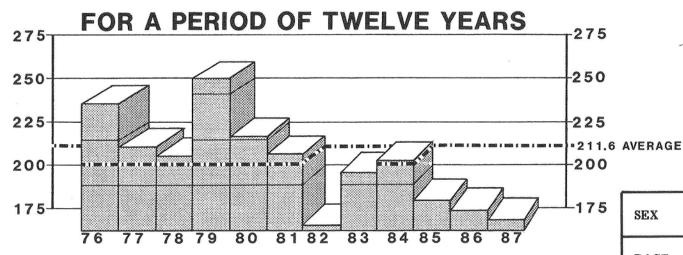
FALLS - AGE GROUPS

																																				A	3	Œ	32
FALLS BY CODE*		der ear	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		Г			TAL	GRAND TOTAL
	M	F	M	F	M	F	М	F	М	F	M	F	М	F	M	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	TOTAL
E 880 - From Stairs															ATT OF THE OWNER, OWNER		1		1															1	3		5	1	6
E 881 - From Ladder	Γ		Π	Π	Γ										1																						1		1
E 882 - From Bridge																					1																1		1
E 884 - From One Level to Another Bed																															1	1			2	1	3	2	5
Chair			Ī	Ī			Г								Г		Г				Г									1			Г	T	Γ			1	1
Cliff			Г										1		Г																						1		1
Commode																												1										1	1
Walker															Π		Π																		1		1		1
Wheelchair																																				1		1	1
X-Ray Table																															1						1		1
E 885 - On Same Level								1																	1					2	1		3	2	6	9	11	13	24
E 888 - Unspecified												1							1				1							1			1	1		4	3	7	10
TOTAL												1	1		1		1		2		1		1		1			1		.4	3	1	4	4	12	15	27	26	53

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

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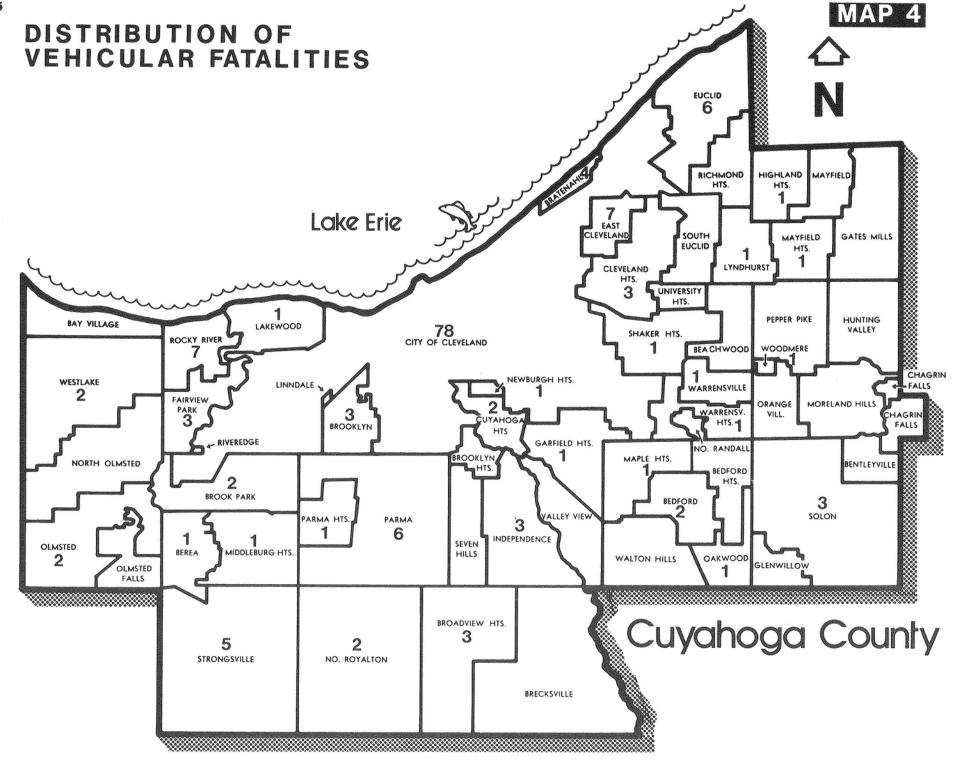
VEHICULAR ACCIDENTS



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

25	BY	МО	NTH	FOI	RTH	E YI	EAR	19	87	25	ALCOHO
20-								f		20	
15								BEL (***)	1	≖⊥≖15.0 A\	/ERAGE
10-			儿_							10	
5-1		F	M A	M		AS		N		5	
	J	Г	M A	IAI	J	A 5	, 0	1.4	U		

1987
TOTAL CASES



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 AGRAPHIA ATAXIA

TREMORS

SLURRED SPEECH 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 DIMENSIONS

MOTION DISTANCE



DIENCEPHALON

AFFECTED BY 0.25 - 0.40% ALCOHOL

CESSATION OF AUTOMATIC MOVEMENTS DILATION OF SURFACE CAPILLARIES APATHY

INERTIA TREMORS

DIPLOPIA

SWEATING STUPOR COMA

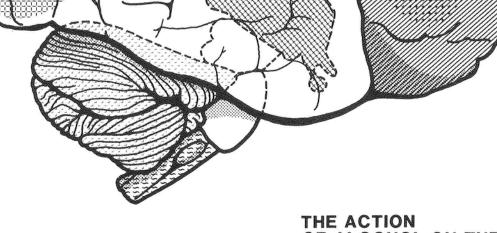


MEDULLA

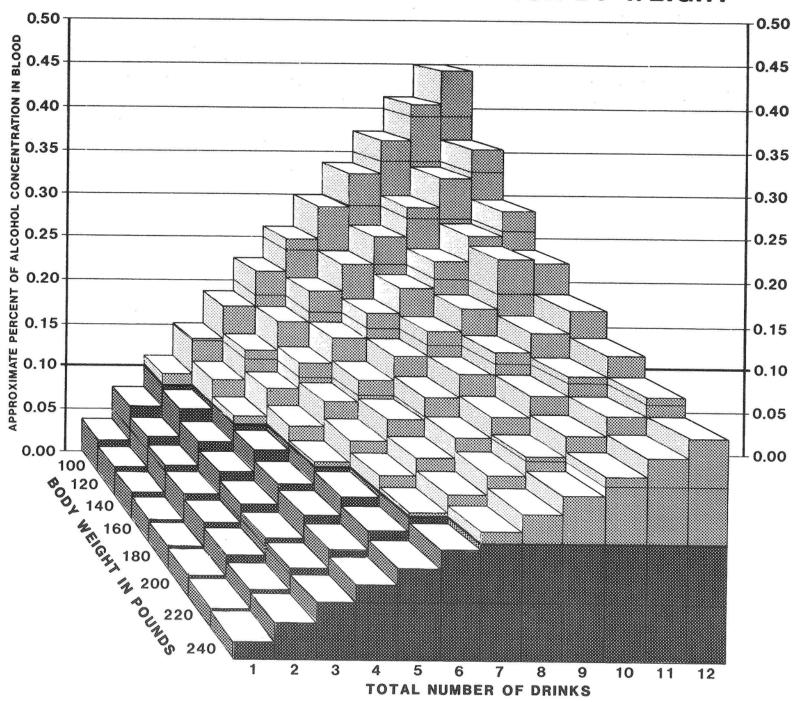
AFFECTED BY 0.40 - 0.50% ALCOHOL

DEPRESSION OF RESPIRATION PERIPHERAL COLLAPSE SUBNORMAL TEMPERATURE DEATH

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*

	G eorge and a second a second and a second and a second and a second and a second and a second and a second and a second and a second and a second	ı	2	3	4	5	6	7	8	9	10
	240	0.016	0.031	0047	0063	0.078	0.094	0.109	0.125	0.141	0.156
8	220	0.017	0.034	0.051	0.068	0.085	0.102	0.119	0.136	0.153	0.170
ВОБУ	200	0.019	0.038	0.056	0.075	0.094	0.113	0.131	0.150	0.169	0.188
WEIGHT	180	0.021	0.042	0.063	0.083	0.104	0.125	0.146	0.167	0.188	0.208
	160	0.023	0.047	0.070	0.094	0.117	0.141	0.164	0.188	0.211	0.234
IN PO	150	0.025	0.051	0.075	0.101	0.126	0.151	0.176	0.201	0.226	0.251
POUNDS	140	0.027	0.054	0.080	0.107	0.134	0.161	0.188	0.214	0.241	0.268
S	120	0.031	0.063	0.094	0.125	0.156	0188	0.219	0.250	0.281	0.313
	100	0.038	0.075	0.113	0.150	C.188	0.225	0.263	0.300	0.338	0.375

TOTAL NUMBER OF DRINKS **

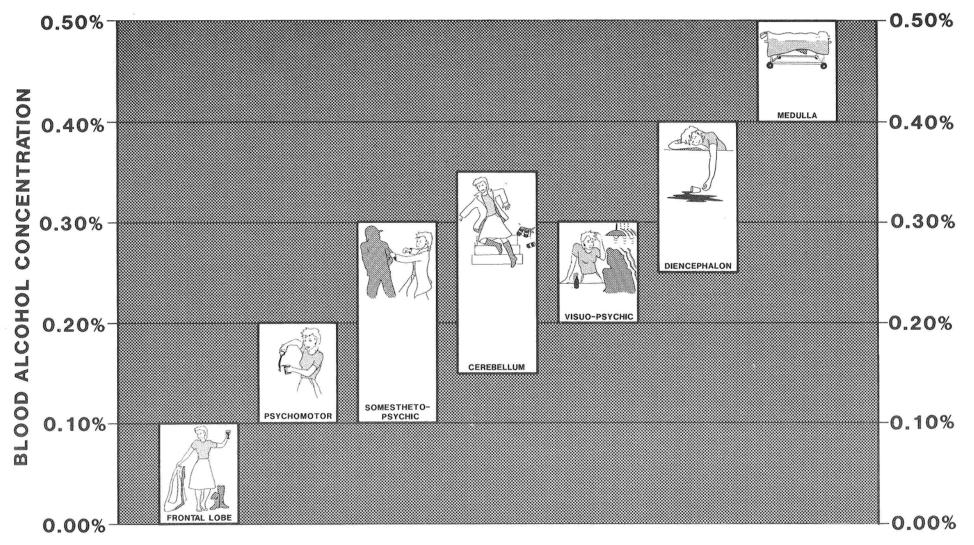
From: General Manual for Chemical Tests for Intoxication, Ohio Department of Health, Alcohol Testing, Approval and Permit Program, 1969, page 19.

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.

^{*} 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.

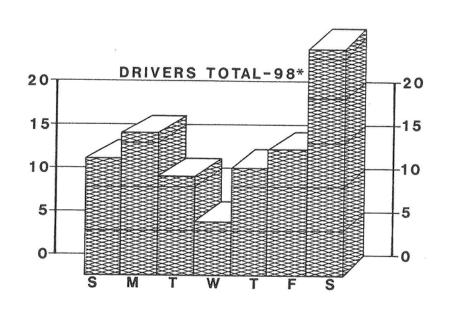
^{**} A drink is defined as one ounce of 100 proof of "hard liquor" (whiskey, vodka, gin, etc.) or twelve ounces of 4% beer or three ounces of fortified wine.

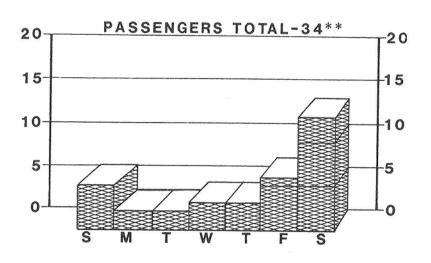
ALCOHOL EFFECTS ON BRAIN DEMONSTRATED PICTORIALLY

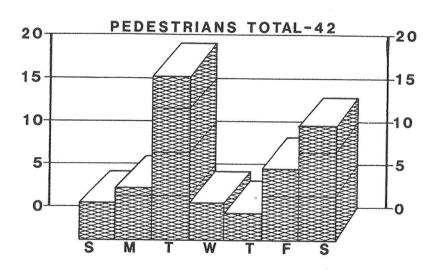


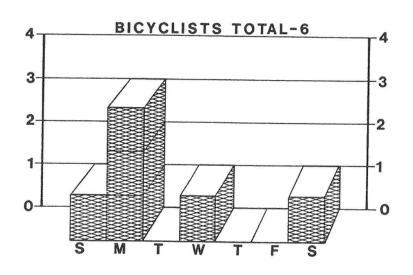
AREAS AFFECTED BY ALCOHOL

VEHICULAR FATALITIES DAILY INCIDENCE





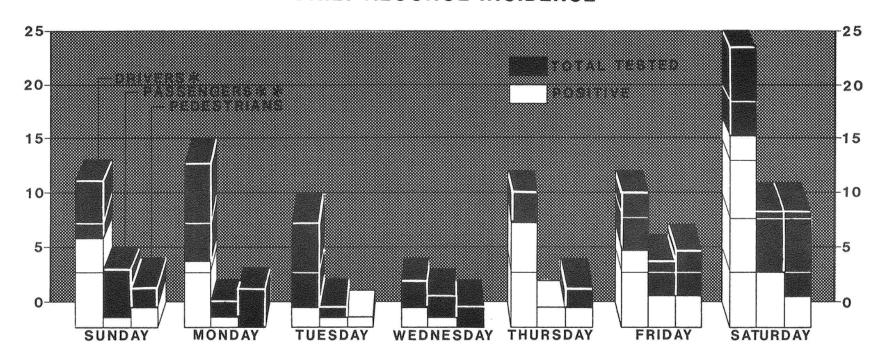




*INCLUDES 19 MOTORCYCLISTS

* * 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

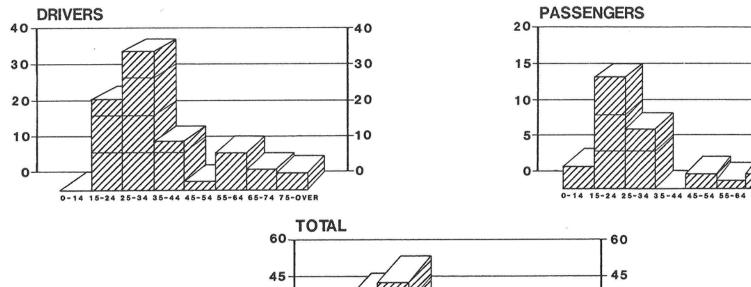
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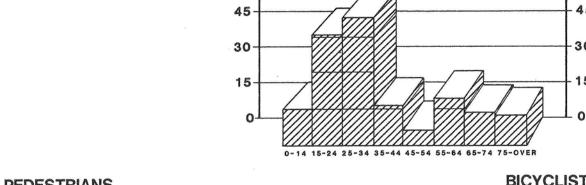
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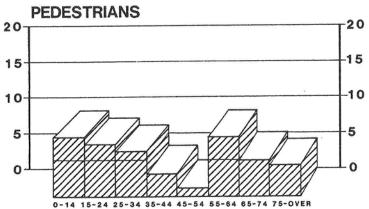
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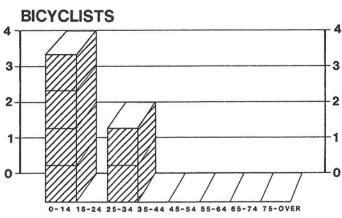
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VEHICULAR FATALITIES AGE GROUPS-CLASSIFICATION OF VICTIMS









VEHICULAR FATALITIES CLASSIFICATION OF VICTIMS-ALCOHOL INCIDENCE

TABLE 33

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														N	TO	TEST	ED			T		TE	STE	D		Г						ST	AGE	3					
		т	otal	Cl	eve.	Co	unty		t of unty		urn- ike	T	otal	T	rv'd 'oo ong	U	nder ige	O	her	Т	otal	N	eg.	P	os.)1%)4%		05% 09%		10% 14%		15% 19%		20% 24%		25% 29%	0.3 or 0	30% over
CLASSIFICATION	TOTAL	М	F	М	F	М	F	M	F	M	F	M	F	M	F	M	F	М	F	М	F	М	F	M	F	M	F	M	F	М	F	M	F	M	F	M	F	M	F
BICYCLIST	6	5	1	Manufacture and American	1	5						1	1	1			1			4		3		1						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		Delica delica del		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.

MONTHLY ALCOHOL INCIDENCE

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															(III.]	NO	r Ti	EST	ED					TE	STE	D			discussion and	SOCIOLO DE LA COLO				ST	AGE	s					
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MONTH	TOTAL	N	ī	F	M	F	М	F	I	И	F	M	F	М	F	I	1	F	M	F	М	F	М	F	М	F	M	F	N	F	M	F	M	F	М	F	M	F	М	F	M	F
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^{**} Includes 3 Motorcycle Passengers.

VEHICULAR FATALITIES

DAILY ALCOHOL INCIDENCE

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						N	от т	EST	ED					TES	TED									STA	AGES						
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DAY	TOTAL	М	F	M	F	M	F	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	Ŀ	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

AGE-RACE-ALCOHOL INCIDENCE

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					-	Name and Address of the Owner, where the Owner, which is the Ow	and the same							-	-		-			CONTRACT OF THE PARTY OF					iii maasa			T.			C	
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Under 1 Year	Non-White		-	_	-		-	-	-		-				H	OLIGINATURE.	<u> </u>	-				NAME OF TAXABLE PARTY.		-	-	*********		-				DIAMETERS.
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25 - 29	White	22	16	6	2		2						14	6	5	3	9	3			1		4		2	1		1	2			1
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65 – 69	White	5	5.	1	1	-	1	-	-	-	-		1	1	-	1	1		-		\vdash		1		-		-	-			\vdash	
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75 – 79	Non-White	1.	1	1	-			-	-	-	_		1	-	Ĥ	-	1	***************************************		-			1	-								
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GRAND	TOTAL	180	134	-	20	6	16	4	3	2	1	SECTION SECTION	114	INCOME.	47	CONTRACTOR OF THE PERSON NAMED IN	67	10	7	1	13	1	13	STATE OF THE PARTY.	13	2	9	2	8	Mariana	4	1
			-	Annual Property lies	Management of the last	-	Change of the last	Augustus and Augus	Securiores:	State of State of	Constitution of the last	CONTRACTOR OF THE PARTY OF THE	Communication.	Sementer	CONTRACTOR OF THE PARTY OF	CONTRACTOR AND ADDRESS.	SAME TAXABLE	MATERIAL PROPERTY.	THE REAL PROPERTY.		-	THE RESERVE	THE RESERVE OF THE PERSON NAMED IN	OLD STREET	CONTRACTOR !	AND DESCRIPTION OF THE PERSON NAMED IN	STATE OF THE PARTY.	THE REAL PROPERTY.	THE OWNER WHEN	ACCRECATE VALUE OF	AND RESIDENCE	

VEHICULAR FATALITIES

TYPE OF ACCIDENT-ALCOHOL INCIDENCE

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												CONTRACT NO.	NACTOR AND STREET	NO	T T	EST	ED					TE	STEI	D								ST	AGE	S					
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TYPE	TOTAL	M	F	М	F	M	F	М	F	М	F	M	F	M	F	М	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F	M	F	М	F	M	F
NON-TRAFFIC:																					Γ																		
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Non-Collision	1		1								1										1		1													L			
TOTAL	179	134	45	64	14	53	22	17	8		1	20	6	16	4	3	2	1		114	39	47	29	67	10	7	1	13	1	13	3	13	2	9	2	8		4	1
TOTALS:												Total Security																		and the same of th									
Non-Traffic	1		1	or other Carriers			1														1		1							The state of the s									
Traffic	179	134	45	64	14	53	22	17	8		1	20	6	16	4	3	2	1		114	39	47	29	67	10	7	1	13	1	13	3	13	2	9	2	8		4	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

NON-TRAFFIC ALCOHOL INCIDENCE

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														N	OT T	rest	ED			Τ		T	ESTE	D		Π						ST	AGE	s						
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TYPE	TOTAL	М	F	M	F	M	F	M	F	M	F	М	F	М	F	M	F	M	F	٨	1 F	N	4 F	M	F	M	F	M	F	М	F	M	F	M	F	Ţ	M	F	M	F
COLLISION: Auto-Pedestrian Pedestrian Pinned and Crushed between Two Autos	1		1				1		, i												1		1																	
TOTAL	1		1				1														1		1					L						L		L		┙		

TRAFFIC-COLLISION-ALCOHOL INCIDENCE

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TYPE	TOTAL	М	F	М	F	М	F	М	F	M	F	M	F	M	F	M	F	М	F	М	F	М	F	M	F	М	F	M	F	M	F	M	F	M	F	M	F	M	F
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TRAFFIC-COLLISION-ALCOHOL INCIDENCE

ALL DRIVERS

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														N	OT ?	CEST	ED					TE	STE	D								ST	AGES	3					
		To	otal	Cl	eve.	Co	unty		t of unty		urn- ike	Т	otal	T	rv'd 'oo ong		ider ge	Ot	her	Т	otal	N	eg.	P	os.		01% 04%		05% 09%		10% 14%		15% 19%		20% 24%	0.2	25% 29%	0.3 or o	
TYPE	TOTAL	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F	М	F	М	F	М	F	М	F
AUTO-AUTO					Γ	Γ	T	I	Γ	Γ	Π		Γ		Π	Γ				Γ		Π	T	Г	Γ	Π				П								\Box	
Driver	23	16	7	12	2	4	3		2	L		2	2	2	2					14	5	6	4	8	1	1		1		1				4	1			1	
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AUTO-FIXED OBJECT																																							
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TRUCK-BICYCLE			١. ا		١.	١.											,																						
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VEHICULAR FATALITIES TRAFFIC-COLLISION-ALCOHOL INCIDENCE PEDESTRIANS

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		То	tal	Cl	eve.	Co	inty		t of unty		urn- ike	Т	otal	Т	rv'd oo ong		der ge	Ot	her	T	otal	N	eg.	Pe	os.	0.0)1%)4%	0.0			10% 14%	0.1			20% 24%		25% 19%	0.3 or c	
TYPE	TOTAL	М	F	M	F	М	F	М	F	M	F	M	F	M	F	M	F	M	F	М	F	M	F	М	F	M	F	М	F	М	F	М	F	M	F	М	F	М	F
PEDESTRIAN: 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				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		2		1	

TRAFFIC-COLLISION-ALCOHOL INCIDENCE PASSENGERS

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														N	OT ?	rest	ED			Γ		TES	TEL)								ST	AGES	3					
		То	tal	Cl	eve.	Co	unty		t of unty		urn- ike	Т	otal	1	rv'd 'oo ong	1 0	nder Age	Ot	her	To	otal	N	eg.	Po	s.	0.0)5%)9%		10% 14%		15% 19%		20% 24%		25% 29%		30% over
TYPE	TOTAL	M	F	М	F	М	F	М	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F	M	F	M	F	M	F	M	F	M	F	М	F	М	F
PASSENGER:				Γ		Γ					T																												
AUTO-AUTO	12	8	4	6	3	2			1			2		1		1				6	4	3	3	3	1	1		1					1	1					L
AUTO-FIXED OBJECT	14	9	5	5	2	3	2	1	1					STATE OF THE PARTY						9	5	4	4	5	1	2						2	1	1					
AUTO-MOTORCYCLE	3		3				2	TANCOS CONTRACTOR	1				1		1						2		1		1				1										L
AUTO-OTHER OBJECT	1		1			Γ			1											The second second	1		1																
AUTO-TRAIN	1	1				1		The state of the s												1				1				1											
AUTO-TRUCK	1	1						1												1		1																	L
MOTORCYCLE-FIXED OBJECT	1	N. Commence and Co	1				1														1				1						1								
TRUCK-FIXED OBJECT	1	1				1	18													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	1		1	2	2	2					

TRAFFIC-NON-COLLISION-ALCOHOL INCIDENCE

												,			*								NAME OF THE OWNER, AND ADDRESS OF THE OWNER,	Millenan											A	E		lava lass	4	40
			-	_	-	·								-	OT 1	EST	red	Transport Contract				T	EST	ED									ST	AGE	- AGENT			PERCEI COL	BRIK GO	NAME OF TAXABLE PARTY.
		То	tal	Cl	eve.	Cor	inty		t of inty		urn- ike	Т	otal	7	rv'd 'oo ong		nder Age	0	ther	7	lotal .		Neg	. [Pos.		0.0			05% 09%		10% 14%		15% 19%		20%		.25%		0.30% r over
TYPE	TOTAL	M	F	M	F	M	F	М	F	M	F	М	F	М	F	М	F	M	F	N	F	1	M I	7 1	1 1	寸	М	F	M	F	М	F	М	F	M	F	M	TF	+	M F
Ran off Roadway and																										1											Ī		Ī	
Auto-Driver	1		1								1										1	The state of the state of	,																	
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VEHICULAR FATALITIES WHILE AT WORK TRAFFIC AND NON-TRAFFIC-MONTHLY ALCOHOL INCIDENCE

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		то	tal	C1	eve.	Co	unty	Ou Cou	t of inty	T	urn- ike	Т	otal	Т	rv'd 'oo ong		der ge	Ot	her	То	tal	N	eg.	Po	s.)1%)4%	0.0			10% 14%		15% 19%		20% 24%		25% 29%		.30% r over
MONTH	TOTAL	M	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F	M	F	N	1 F
NOVEMBER	1	1						1				1						1															L	L		L		L	\perp
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TOTAL	2	2		1				1				1						1		1		1																	

VEHICULAR FATALITIES WEATHER CONDITIONS-ALCOHOL INCIDENCE

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WEATHER	TOTAL	М	F	M	F	М	F	М	F	М	F	M	F	М	F	М	F	M	F	M	F	M	F	M	F	M	F	М	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									L		L		L		L	
FOG	0																															L	L	L		L		L	L
RAIN	23	15	3	9	4	4	2	2	2			3		3	,					12	8	7	7	5	1			1		1	1	1		1		1			L
SNOW	6	4	2	1	1	2	1	1				2		2						2	2		2	2				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	3	13	2	9	2	8		4	1

VEHICULAR FATALITIES ROAD CONDITIONS-ALCOHOL INCIDENCE

																-	THE PERSONS	into annuncio			Harry Control															V.		31		4	13
			·			·	,									NC	ТТ	EST	ED	- Allerin Indian				TE	STI	ΞD		Τ		AMP INCOME				ST	AGE	1000000	politic magg			1922785	
		7	ota	al	Cle	eve.	Co	unty		ut of ounty		furn- oike		lota		Sur To Lo	00	100,000	der ge	0	ther	Т	otal	N	leg.	Ţ	Pos.		.01%		.05% .09%		.10% 14%		15% 19%		20%		.25%		30% over
ROAD	TOTAL	N	1	F	M	F	M	F	M	F	M	F	N		F	M	F	M	F	М	F	М	F	M	F	M	F	N	F	M	F	М	F	M	F	М	F	М	F	М	F
DRY	132	10	0	32	45	7	41	1 19	1	4 5		1	1	3	4	9	3	3	1	1	Π	87	28	37	20	50	8	6	1	8	1	10	2	9	2	7	1	7	†	3	1
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SNOW	0									T	T			T	T						T		T	T	T	T	T	\dagger	T	T	T	T	T	T		T	T	\dagger	\dagger	t	<u> </u>
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LIGHT CONDITIONS-ALCOHOL INCIDENCE

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		F						-				L		1	NOT	г те	STE	ED			T. Committee		TE	STE	D		T		AMERICA STREET	-			ST	AGI	C 300 02						
		To	tal	Cl	eve.	Cor	inty		t of unty		Curn- Dike	Т	otal		Too Lon		Und Ag		Ot	her	Т	otal	1	Veg.	F	os.		01% 04%		.05% .09%		.10%		.15%		0.20%		0.25		0.30 or o	
LIGHT	TOTAL	M	F	M	F	М	F	М	F	М	F	М	F	I	M	F	М	F	М	F	M	F	М	F	M	F	M	F	M	F	M	F	T _M	F	1	1 1	7	M	F	м	F
DAWN	4	2	2	1	1	1	1					T	1		T	1	T				2	1	2	1	T	T	T	T	T	\dagger	T	1	T	\dagger	T	+	\dagger	\dagger	+		
DAY	51	34	17	12	5	15	7	7	4		1	10	2	6	5	1	3	1	1		24	15	17	14	7	1	1	T	2		T	1	3	T	T	\dagger	\dagger	\dagger	T	1	
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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	1 9	Τ,		7	1	3	1
NIGHT WITHOUT STREET LIGHTS	16	12	4			6	1	6	3			1	1	1		1	1				11	3	6	2	5	1			2		1		1			1	†	1	T	+	
UNKNOWN	0															\dagger	\top	7									T		\vdash					\vdash	T	T	+	+	+	+	\dashv
TOTAL	180	134	46	64	14	53	23	17	8		1	20	6	16	Series .	4	3	2	1		114	40	47	30	67	10	7	1	13	1	13	3	13	2	9	2	+	8	十	4	1

TABLE 15

VEHICULAR FATALITIES CLASSIFICATION OF VICTIMS-AGE GROUPS

				make (ive					war some		***************************************	-	wooden	TAXABLE DAY					_					-	-	-	-	and and								الذ			46
CLASSIFICATION	Un 1 Y	der 'ear	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	то	TAL	GRAND TOTAL
	M	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F	M	F	M	F	M	F	M	F	М	F	М	F	M	F	М	F	M	F	М	F	
BICYCLIST				1	1		2						2																								5	1	6
DRIVER					Γ		Γ		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

Constitution and an annual service of the service o	-	-	· ·	(Newsperson)	ongoverne				-agreese	Unit Constitution			-	on the same	nistragion.	William Co.	oitomay			بمسموس	NAME OF TAXABLE PARTY.	grown to		agrees now	-		a promotiva a	-									L/A			46
MONTH	U:	nder Year	1	- 4	5	- 9	10	- 14	15	- 19	20	- 24	25	- 2	9 3	0 -	34	35 -	- 39	40 -	- 44	45	- 49	50	- 54	55	- 59	60	- 64	65	- 69	70	- 74	75	- 79	80	0-over	TO	OTAL	GRAND TOTAL
	M	F	М	F	М	F	M	F	M	F	М	F	M	F	I	М	F	M	F	M	F	М	F	М	F	М	F	М	F	M	F	М	F	М	F	M	F	М	F	TOTAL
JANUARY				1	1				Name and Address of the Owner, where the Owner, which is the Own				3	1		2		1		1				1		1		1	Γ	1		Γ	Γ	1	T	T	T	13	2	15
FEBRUARY			1						2	Γ	5		2	1	T	1	1	1						1		1		1	2	1		Γ	T			T	T	16	4	20
MARCH				1					2	2	1			I	T	1												1		Γ		1	Γ	Γ	T	Ī	T	6	3	9
APRIL				1		1			2		3	1	4	1						1					1	1		1			1				Γ	Γ	1	12	7	19
MAY					2				1		2		1			ı	2					1											Γ	Γ	Π	Γ	Τ	8	2	10
JUNE					1		3		2	1	1	1	2	1		1												1		1			Γ		1	Γ	T	12	4	16
JULY									1		2	1	3	1	I			1		1								1				1	Γ		Γ	T		10	2	12
AUGUST									2		1		3	1	I	3	1		1							1		1					1		Γ	Γ	1	11	5	16
SEPTEMBER					L						2	1	1	1	1	2																2				1	П	8	2	10
OCTOBER									1		2	1	3		.2	3	1	2																1			2	11	4	15
NOVEMBER					L		2	1			3		2	1									1	1				1		2				1			1	12	4	16
DECEMBER	L				L		L		1	1		1	2	1	L			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

	-	unacimina.			-		-	STATE OF THE PARTY		-	nidecienni.					engeron.	Same of the	e repose	NO TORONO	na nagarata	MATERIA		-		geoenee		-	*********											(3)		47
MONTH	Un 1 Y	der ear	1	- 4	5	- 9		10 -	- 14	15	- 19	20	- 24	25	- 29	30	- 3	4 3		ㅗ) – 4	4	45 –	49	50	- 54	55	59	60	64	65	69	70	- 74	75	- 79	80	-over	то	TAL	GRAND TOTAL
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MAJOR INJURY AND SURVIVAL INTERVAL

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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.

MAJOR INJURY AND SURVIVAL INTERVAL-AGE GROUPS

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MAJOR INJURY AND SURVIVAL INTERVAL-AGE GROUPS DRIVERS

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MAJOR INJURY AND SURVIVAL INTERVAL-AGE GROUPS PASSENGER

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MAJOR INJURY AND SURVIVAL INTERVAL-AGE GROUPS BICYCLIST

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VEHICULAR FATALITIES GEOGRAPHICAL LOCATION-TYPE OF ACCIDENT CLASSIFICATION OF VICTIMS

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MTC. - Motorcycle

VEHICULAR FATALITIES GEOGRAPHICAL LOCATION-TYPE OF ACCIDENT

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CITIES	M	-	-	-	M	-	M	F	M	F	M		M	F	M	F	-	F	M	-	M	F		F	M	Opromonous	M	F	M	_	,M	TO SERVICE OF	-	оронос	GRAND TOTAL
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Bicyclist Driver	_	_	1	-	1	3												_		_							1	3			_	_	1		1 4
Passenger Pedestrian	F		F			1																\neg	1							1	1				1 1
Shaker Heights Driver						1																						1							1
Solon Driver					1								1														2		,						2
Passenger Strongsville						1											_					\dashv				\dashv		\dashv		1					1
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VEHICULAR FATALITIES GEOGRAPHICAL LOCATION-TYPE OF ACCIDENT CLASSIFICATION OF VICTIMS

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VILLAGES, TOWNSHIPS	АПТО		moai do dania	FIAED OBJECT	WOTODOWI E		DENECTOIAN	FUESTAIN	NON-COLT TRION	NON-COLLEGION	dayiidd	DRIVER	DASSERVOED	I ASSENGER	TA TOROGICA	PEDESTRIAN	GRAND
AND TURNPIKE	M	F	M	F	M	F	М	F	M	F	M	F	M	F	M	F	TOTAL
VILLAGES: Cuyahoga Heights																	
Passenger			2										2				2
Newburgh Heights Driver				1								1					1
Oakwood Driver	1										1						1
Woodmere Driver			1								1						1
TOWNSHIPS: Olmsted Driver			1								1						1
Passenger			-		***********	1								1			1
Warrensville Pedestrian							1								1		1
TURNPIKE: Driver										1		1					1
TOTAL	1		4	1		1	1			1	3	2	2	1	1		9

GEOGRAPHICAL LOCATION-TYPE OF ACCIDENT CLASSIFICATION OF VICTIMS

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	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	М	F	M	F	M	F	M	F	TOTAL
DRIVER		2	1	1							6	1					1		8	4					12
MOTORCYCLIST					1								1						2						2
PASSENGER		1	1	1		1		1			1										2	4	Commen		6
PEDESTRIAN									4						1						and the same		5		5
TOTAL		3	2	2	1	1		1	4		7	1	1		1		1		10	4	.2	4	5		25

HOURLY-DAILY-ALCOHOL INCIDENCE ALL CASES

TABLE 57 WEDNESDAY SUNDAY MONDAY TUESDAY THURSDAY FRIDAY SATURDAY TOTALS POSITIVE POSITIVE POSITIVE TOTAL TOTAL TOTAL HOURS GRAND OF THE TOTAL DAY MFMF MF MFM FMFMFM MF M F M \mathbf{F} M F 1 2 1 1 2 1 2 1 1 12 AM 1 AM 1 3 1 2 AM 2 1 2 1 2 1 9 2 9 2 8 2 3 AM 3 15 4 AM 1 1 1 1 1 1 .3 1 1 1 1 1 5 AM 6 AM 1 1 7 AM 8 AM 1 1 1 1 1 9 AM 2 1 2 10 AM 11 AM TOTAL AM 13 3 12 3 9 6 2 6 2 3 1 7 2 5 2 3 7 2 7 2 6 2 5 5 5 4 3 2 24 5 23 5 19 2 66 19 61 18 45 7 12 PM 1 PM 2 1 1 1 1 1 2 PM 4 1 3 PM 1 2 1 2 4 PM 5 PM 6 PM 2 1 2 1 1 2 1 1 7 PM 1 1 1 1 1 1 5 3 3 3 1 8 PM 9 PM 10 PM 2 2 1 2 1 2 3 6 11 PM 1 1 1 2 2 1 2 4 7 TOTAL PM 5 2 5 2 2 13 6 8 4 2 1 7 1 5 1 1 6 3 5 1 1 15 3 13 3 6 2 12 12 8 11 GRAND TOTAL 18 | 5 17 | 5 11 8 14 6 5 10 3 8 1 3 17 2 16 2 12 2 20 8 18 7 2 14 3 10 3 4 4 36 17 31 16 23 2 134 46 114

HOURLY-DAILY-ALCOHOL INCIDENCE BICYCLIST

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		8	UNI	DAY		4	-	MU	NDA	1Y	_	****	TUI	ESD	AY	and the same of	_	WE	ONE	SD	AY	4	77	IUR	SDA	Y	_	-	FF	RIDA	Y		<u></u>	SAT	URI	OAY				TO	CALS		entire por man	
HOURS OF THE DAY	TOTAL	TOTOT	TESTED		POSITIVE		TOTAL		TESTED	Transpoor of the state of the s	FUSITIVE	TOTAL	*	TESTED	arrimis Od	FUSITIVE	TOTAL	TOTAL	TESTED	2222	POSITIVE		TOTAL	TESTED	Garage	POSITIVE.	COLLINE	TOTAL		TESTED	G. C. C. C. C. C. C. C. C. C. C. C. C. C.	FUSITIVE	TOTAL		TESTED	РОСТТИЕ	TATE OF THE PERSON IN	E	TOTAL		TESTED		POSITIVE	GRAND TOTAL
	M	F	M	F	M	F	M F	. 1	4 F	M	F	MF	M	F	M	F	M	F	M	F	M F	M	F	М	F	М	F	M	FN	1 F	M	F	M	FN	1 F	М	F	M	F	M	F	M	F	1
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HOURLY-DAILY-ALCOHOL INCIDENCE DRIVER

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HOURLY-DAILY-ALCOHOL INCIDENCE DRIVER-MOTORCYCLIST

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HOURLY-DAILY-ALCOHOL INCIDENCE PASSENGER

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HOURLY-DAILY-ALCOHOL INCIDENCE PEDESTRIAN

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

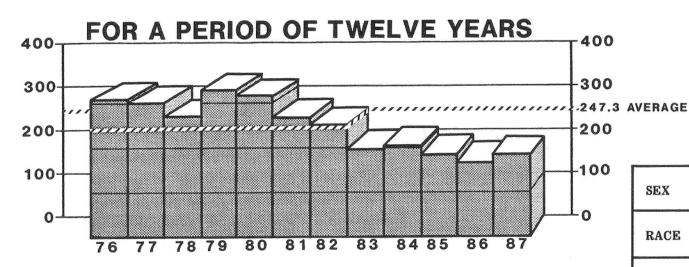
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HOURLY AND DAILY INCIDENCE ARRANGED ACCORDING TO PRE-SCHOOL, SCHOOL AND ADULT AGE GROUPS

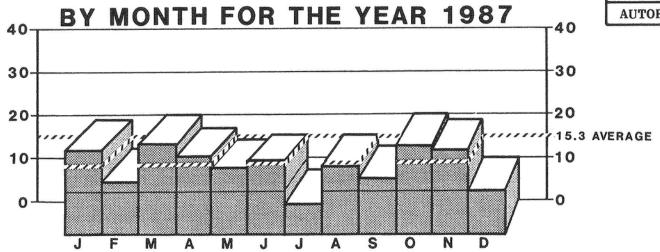
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NOTE: PRE-SCHOOL - Under 5 years

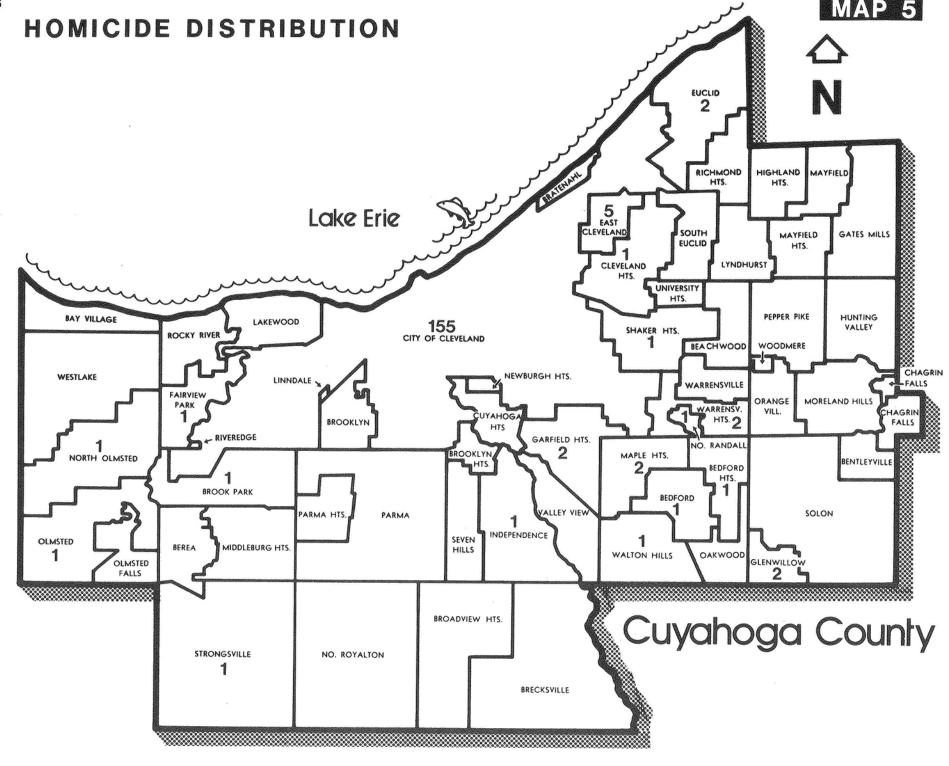
HOMICIDES



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



1987
TOTAL CASES
183



HOMICIDES

MONTHLY ALCOHOL INCIDENCE

																																	T		3[6	4
													N	OT '	rest	ED					TES	STEI)								ST	AGES	3					
		7	ota	ıl	Cle	eve.	Cor	ınty		t of unty	Т	tal	T	rv'd oo ong		der ge	Ot	her	To	otal	N	eg.	Р	os.		01% 04%		05% 09%		10% 14%		15% 19%		20% 24%		25% 29%	0.3 or 0	30% over
MONTH	TOTAL	М	T	F	М	F	M	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F	M	F	М	F	M	F	М	F	М	F	М	F	M	F
JANUARY	19	12	2	7	10	5	2	2			2	1	1	1	1	1			10	6	5	6	5				3		2									
FEBRUARY	12	1	I	1	11	1									No. of Control of Cont				11	1	6	1	5				1		2				1		1			
MARCH	20	13	3	7	13	5		2	Г			1	Name of the last o	1					13	6	5	6	8				3		2		1				2			
APRIL	17	10)	7	10	6		1			1		1			Г			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	2	4	12	3		1			3		1		2				9	4	3	3	6	1					2	1	3				1			
JULY	7	6	3	1	5		1	1			1		1						5	1	3	1	2		1												1	
AUGUST	16	10	1	6	8	5	1	1	1		On live all to the								10	6	7	4	3	2		1	2					1			1			
SEPTEMBER	13	12	2	1	9		3	1											12	1	5	1	7		2				2						2		1	
OCTOBER	20	14	1	6	10	4	4	2			2	1	1	1			1		12	5	10	5	2				1								1			
NOVEMBER	19	12	2	7	9	7	3				1		1						11	7	6	6	5	1		1			2		1		1		1			
DECEMBER	10	9	,	1	7	1	2				1		1						8	1	4		4	1	2		2			1								
TOTAL	183	13:	1 !	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

					r		Paraditations	et the sales	obtinuios	interestan	ionizacio	-			-	market cut	en or consecu		~	enterna de la constanta de la	material	nication in		acous been		_	Ų,	I B		155	0	r)
			green		L		NO	T TC	EST	ED		-		MORE THE REAL PROPERTY.	TE	STE	D		L						STA	AGES	;					
			m	0401	m-	tol		rv'd	Uı	ıder		1	I		T.		L.		0.0	01%	0.0	05%	0.	10%	0.	15%	0.5	20%	0.	25%	0.	30%
			T	otal	10	tal		oo ong	A	ge	0	ther	To	otal	N	eg.	Po	os.	0.	04%	0.0	9%	0.	14%		19%		24%	1	29%		over
AGE	RACE	TOTAL	M	F	М	F	М	F	М	F	M	F	M	F	M	F	М	F	М	F	М	F	M	F	M	F	М	F	М	F	M	F
Under	White								Ī			-			Γ		T	-			T		T		忊		T	1	T		T	
1 Year	Non-White	6	3	3	2	1			2	1			1	2	1	2											I			*CONTRACTOR OF	T	Ī
1 - 4	White								L																							1
1 4	Non-White	3		3										3		3															Π	
5 - 9	White	3	2	1									2	1	2	1													Π			-
0-3	Non-White	2	1	1									1	1	1	1												and the same of th	Γ	T	Π	Non-monco
10 - 14	White	1	1					es curvos					1		1																Π	-
10 11	Non-White	5	5		1	**********		O CONTRACTOR OF THE PARTY OF TH	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					L				6	3	4	1	2	2	1		1			2								
	Non-White	26	16	10	1	PC0000000000	1	an en en en en en en en en en en en en en		Roskauterio		C. CATOLOGY MINOR	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							
CONTROL OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERT	Non-White	22	20	2	1		1					ADDAM/SHOOT	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	anname en		eletaral traplem			1	-	8	alian munga	3	- State Contract	5	DOMESTIC AND	1.		2	Gittauhutawa	1	oran de la constante de la con			1					
45 - 49	White																	-														
	Non-White	4	3	1						metrosco		-	3	1	3			1					anaman na	SON THE REAL PROPERTY.		ertanianistye		1				
50 - 54	White	2	2		armone as			-				- CONTRACTOR OF THE PARTY OF TH	2				2						1	- THE STREET		ALTERNATION IN			1			
	Non-White	3	2	1		-	and a second			-		EDSMORTHE	2	1	1	1	1					-		-		-		es es es es es es es es	1			
55 - 59	White	2	2	-	1		1						1	-	1	annantions.					-	Citatoreia										
	Non-White	4	2	3						manufully.		_	1	3	annai anna	2	1	1	and the same of			HONORAL MARKET	1	DOMESTIC STREET		1		WOOD COLUMN				
60 - 64	White	1	1							and the same of th		TO A STREET WHEN THE PARTY OF T	1		1				-		_			**********				-				
	Non-White	3	1	2								Printersonal Contract of Contr	1	2	1	2			-	-		-		-	-			Tananan Marie	<u></u>	-		
65 – 69	White	1		1						-		www.com/com	annaniana)	1	<u></u>	1								-								
	Non-White		_		-		_			-			4000000	-	<u> </u>							-			-	-		GASOUROS			-	
70 - 74	White	3		3		1		1						2		2									-						-	
	Non-White		_	Managana									-	····		***********				_	***********		-					CPONTANANA		with the street leading to the street leadin		
75 – 79	White	1		1	-				Optional page					1		1				_									L		-	
	Non-White				_		_	\dashv	-	-		removemen		matrical					-	_	_			rio de la Constancia de	and makes			-	****			
80 – over	White	1		1			_			-				1	-	1						_										
	Non-White	1	1		-		-		remember 1	contant	embradesass		1	4.5	1	-	-			-	***************************************	POLICE CO.	-	ministration of the last			************	-	motekas	anness and	Mary Grand	entre de la constanta
TOTAL	White Non-White	53	36	17	4	1	4	1	_	-			-	16	19	14	13	2	2		2	_	4	2	1	_	1		3	4		
CDAND	TOTAL	130 183	95 131	35	9	3	4	1	3	1	2		Distribucing a	33	51	26	35	7	4	4	10	1	8		4	1	1	1	6		2	
GRAND	TOTAL	193	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	

TABLE 67

HOMICIDES MODE-ALCOHOL INCIDENCE

TABLE 66 STAGES NOT TESTED TESTED Surv'd 0.05% 0.10% 0.15% 0.20% 0.25% 0.30% 0.01% Under Out of Neg. Other Total Pos. Total Cleve. County Total Too 0.14% 0.19% 0.24% 0.29% or over 0.04% 0.09% County Age Long M M MF MF MF MF MF MF MF MF M F F MF MF MF MF F М F MODE TOTAL M F M F **ASPHYXIA** 7 7 1 12 ARSON 2 1 8 1 2 14 3 17 8 14 3 2 25 6 ASSAULT 20 10 7 12 3 2 2 3 2 3 1 10 19 1 2 CUTTING AND STABBING 20 8 1 7 8 2 2 49 14 27 4 1 1 1 76 18 14 11 7 1 83 19 71 SHOOTING 102 1 1 3 STRANGULATION

41 16 11

5 3

131 52 114

5 3

8

183

OTHERS*

TOTAL

2

13

2

MODE-AGE GROUPS

1 2

3

118 49 70

40 48

																																				LA			
MODE		der ear	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	то	TAL	GRAND
MODE	М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F	М	F	М	F	М	F	M	F	М	F	M	F	М	F	M	F	M	F	М	F	М	F	
ASPHYXIA	1																																				1		1
ARSON	Г	1	Г	3	3	1					Г		Г	1		1					1											1					4	8	12
ASSAULT	2				Г				1	2			2	3	4			1	2		1		2		2							1		1	1		17	8	25
CUTTING AND STABBING	Г				Г	Τ	1		3		4	1	3	4	5	2	1	1	2	1			1			1											20	10	30
SHOOTING		1			T	1	4		8	1	12	4	17	2	20	1	9	2	8		1	1	1		1	1	2	2		1		1				1	83	19	102
STRANGULATION	Г		Г		Г						1	1	Г	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

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

HOMICIDES (JUSTIFIABLE)

PLACE OF OCCURRENCE-CIRCUMSTANCES-ASSAILANTS VICTIMS-ALCOHOL INCIDENCE

										promo	en en en en									-															18	Ω	Estate of the same	6	8
			timies and	u-	Frioman	7		·		Ļ			NOT	TE	STE	D					TE	STE	D						-	- Control Control		ST	AGE				Antonialies		Santa S
	,	Т	otal	Cı	eve.	Co	unty	Oi Co	t of unty	T	otal	S	urv'd Too Jong		Unde Age		Oth	er	Т	otal	N	leg.	I	os.		.01% .04%		.05%		0.10 0.14			15% 19%	0.	20% 24%	0.	.25% .29%		30% over
ASSAILANTS	TOTAL	М	F	М	F	М	F	М	F	М	F	M	F	1	M F	7	М	F	М	F	М	F	М	F	M	F	M	F	,	м	F	М	F	М	F	М	F	M	F
HOME CIRCUMSTANCES:							Ī	T		T	T	T	T	T	\top	T	1					-	T	Ť	+	十	Ť	+	+	+	-	- M	+	I M	+	M	+	H-	F
During or following the																							No. of Concession, Name of Street, or other party of the Concession, Name of Street, or other pa						NAME AND ADDRESS OF TAXABLE PARTY.										
commission or attempted														l													Table and the same of the same												
commission of a felony																The state of the s																							
Acquaintance	1	1		1															1				1				annies Sales Company			1								The state of the s	
Police	4	4		4										T		T			4		3		1		T	T		T	T	T	-					1			
Stranger	1	1		1									Т		T	T			1		1		Г		T		T	T	T	\dagger								\Box	\neg
Self-Defense														Γ	T	Ť									T		Г		T	\dagger	7							\Box	\neg
Wife	1	1		1														TO THE PERSON	1		1								DEPOSITOR DE										
PUBLIC CIRCUMSTANCES:																T	1								T			T	T	\dagger	1	\exists							\neg
During or following the																		The second													SHAME								
commission or attempted		Ì																	-	Apparent of the same of the sa									AND DESCRIPTION OF THE PERSONS ASSESSMENT OF										
commission of a felony	and the second second		SPECIFICATION AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON AD															OCCUPATION.											NATIONAL PROPERTY.						To the last of the				
Police	1	1	D. C. C. C. C. C. C. C. C. C. C. C. C. C.	1															1				1				1						Over the same of				Acceptance		
Security Guard	1	1		1														Topic Control	1				1				1			T	1	\forall	7	7	7		1	\top	1
TOTAL	9	9		9					Name of the last										9	The second second	5		4				2		1	I	I		1			1	\exists		

HOMICIDES (NON-JUSTIFIABLE)

PLACE OF OCCURRENCE-CIRCUMSTANCES-ASSAILANTS

VICTIMS-ALCOHOL INCIDENCE

										grow	000000000000000000000000000000000000000						-							-				omintown stain					•	A	B		3	6	9
													N	OT	TES	TEL)					TE	STE	D						2000		ST	AGE	5					
	a	Т	otal	CI	eve.	Co	unty		ut of ounty		Tota	al	T	rv'd oo ong		nde: Age		Oth	ner	To	otal	N	eg.	F	os.		.01% .04%		.05% .09%		10% 14%		15% 19%		20% 24%		25% 29%		30% over
ASSAILANTS	TOTAL	М	F	М	F	M	F	M	F		М	F	M	F	М	F	$\cdot \mathbb{T}$	M	F	M	F	M	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F
HOME CIRCUMSTANCES: During or following an argument Acquaintance	18	13	5	13	5					Commence of the Commence of th										13	5	8	4	5	1	1	1			1		1				2			
Relative			-	-	<u> </u>	\vdash	\vdash	t	+-	1	+			1	t	+	t	\neg			<u> </u>	Ť	广	Ť	+-	十	十	+	+	十	t	Ť	T	T	t	H	t	T	
Brother	2	2		2	1	L	<u> </u>	L				- Contraction			L	\perp	ı			2		1	<u> </u>	1		1	L			L	L					L	L	L	
Brother-in-law	1	1				1				I	1		1																		L								
Spouse	5	1	4	1	3		1		\prod	I	\Box					L	I			1	4	1	2		2				1		1								
Uncle	1	1		1						L										1				1												1			
During or following the commission or attempted commission of a felony Acquaintance	4	1	3	1	3							SOUCKNAME CONTRACTOR								1	3		2	1	1			1					1						
Stranger	2	2		2						L	\perp	_				\perp	L			2				2	_	_	_	1			_	1				_			_
Unknown	3	1	2	1	1		1	_	_	L				<u> </u>	_	_	1	_		1	2	1	2	_	_	_	1	_	_	<u> </u>	_	_	_	_				_	_
Unknown Acquaintance	11	6	5	5	4	1	1	L		L						\perp	1			6	5	3	4	3	1	L	1	1		1	L		L	1					
Relative Father	1	1		1			L				1					4	1	\perp				L		L	L	L	L	L	<u> </u>				L						
Sister	1	1	_	1	_	<u> </u>	┞—	┡	╄	╀	-	-			┞	+-	+	-+		1	_	1	-	╀	₩	┰	╀	₩	┼	┞—	₩	├	₩	⊢	\vdash	_	\vdash	<u> </u>	₩
Unknown	9	6	3	5	3	1	-	₩	+-	╀	+	1		1	₩	+-	+	-		6	2	6	2	╄	₩	+-	+	+-	+	╀—	+	├	-	-	-	_		-	├-
Other Acquaintance	21	17	4	12	3	5	1				2		2		L		ļ			15	4	10	4	5		L	Ļ	1	_	2						1		1	
Relative Brother	3	3		3				COLUMN TO THE PERSON TO THE PE		No.										3		3								THE STATE OF THE S									
Father	3	2	1	2							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		2	1	2					1		1		1						1	1	1	1	L.		_	L_		_			L_	<u> </u>						
Stepson	1	1		1											_	_	L	_		1				1	_	_	1	_	<u></u>	<u> </u>	-	1							
TOTAL	101	64	37	55	30	9	7				6	3	3	2	3		1			58	34	39	29	19	5	12	2	4	1	4	1	3	1	1		4	Ш	1	

HOMICIDES (NON-JUSTIFIABLE)

PLACE OF OCCURRENCE-CIRCUMSTANCES-ASSAILANTS

VICTIMS-ALCOHOL INCIDENCE

																															A	B		3	6	9	A
												N	OT ?	rest	ED					TE	STEI)		Γ		d Shaker tricked	o.L.v.Chilliobrace	11 April 1 Control		STA	AGES	;				Agric Comit	Territoria (Con-
		Т	otal	Cl	eve.	Cor	unty		t of unty	То	otal	T	rv'd 'oo ong		der ge	Ot	her	To	otal	N	eg.	Р	os.		01% 04%		05% 09%	0.1	10% 14%		15% 19%	0.:	20% 24%		25% 29%		30% over
ASSAILANTS	TOTAL	М	F	М	F	М	F	М	F	M	F	М	F	M	F	M	F	M	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F	M	F	М	F
PUBLIC CIRCUMSTANCES: During or following an argument Acquaintance	9	8	1	7	1	1												8	1	4		4	1	1		2		1					1				
Relative Brother	1	1		1														1		1	İ																
Spouse	1	1		1														1		1																	
Stranger	1	1		1														1				1														1	
Unknown	2	2		2														2				2						1		1							
During or following the commission or attempted commission of a felony Acquaintance	5	3	2	3	1	ATA STANDARD CONTRACTOR CONTRACTO	1			1		1						2	2	2	2																
Stranger	4	4		2		2										- 1		4		2		2						1		1							
Unknown	3	2	1	1		1	1											2	1	1	1	1												1			
Unknown Acquaintance	5	5		5						1						1		4		1		3						1						2			
Relative Step-father	1		1				1												1		1																
Stranger	3	1	2	1	2													1	2	1			2		1				1								-
Unknown	23	17	5	15	5	2	1			2		1				1		15	6	7	5	8	1	3	1	2		2				1		161			-
Other								.,											_																		
Acquaintance	9	7	2	6	2			1		2		2						5	2	2	2	3				1		1						1			
Relative Brother	1	1				1												1		1																	
Stranger	5	5		5						1		1						4		3		1				1											-
TOTAL	73	58	15	50	11	7	4	1		7		5				2		51	15	26	11	25	4	4	2	6		7	1	2		1	1	4		1	

HOMICIDES IN COUNTY OF CUYAHOGA 1963-1987

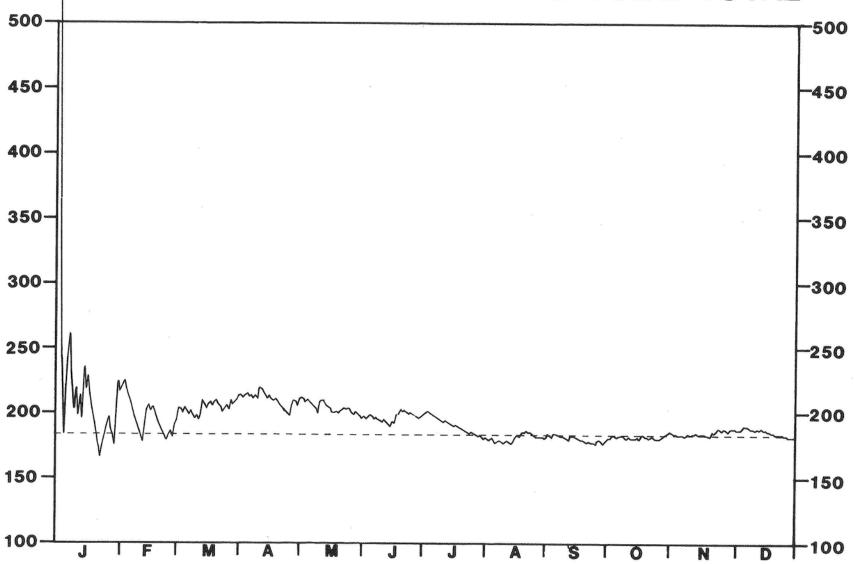
(INCLUDES CULPABLE AND JUSTIFIABLE HOMICIDES)

TABLE 69B

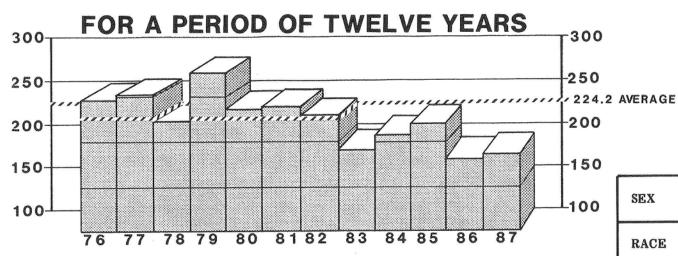
		IABLE					
	TOTAL		FIREARM PERCENTAGE	,	EDGED AND POINTED	STRANGULATION	,
YEAR	HOMICIDES	FIREARMS	CONTRACTOR CONTRACTOR	INSTRUMENTAL ASSAULT)	WEAPONS	(MANUAL AND LIGATURE)	Control of the Contro
1963	114	62	54,39	19	26	4	3
1964	137	83	60,58	17	30	5	2
1965	129	86	66.67	17	21	3	2
1966	166	111	66.87	15	35	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



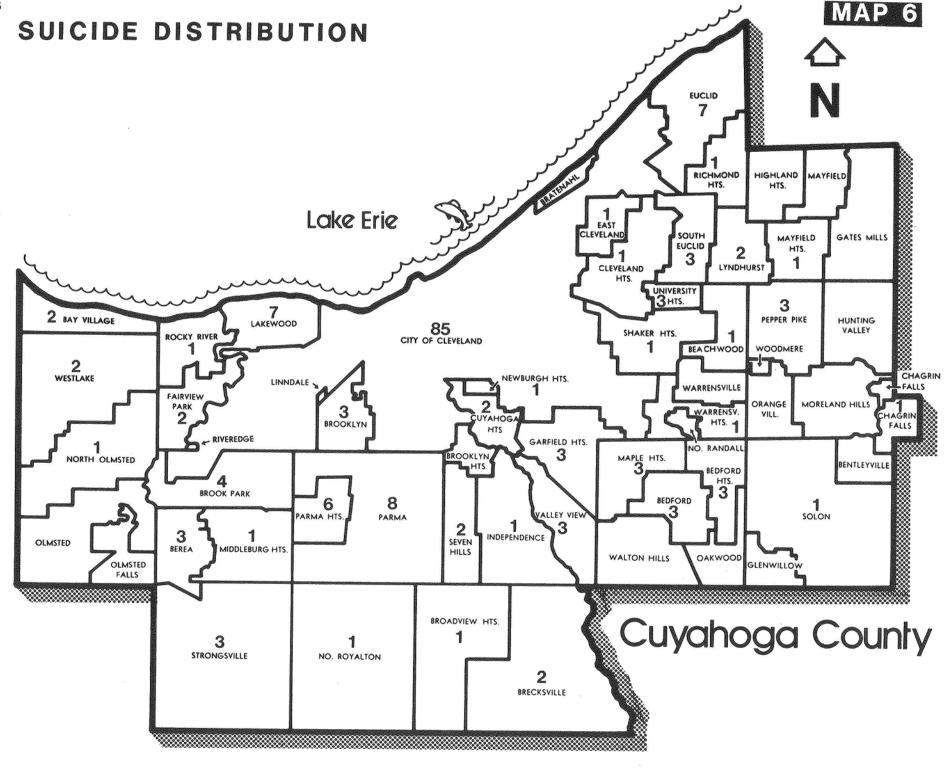
In order to establish the direction of annual numerical trends in homicidal deaths in our jurisdictional area, in 1984 we initiated a daily, graphic, "moving projected total" of culpable and justifiable demises of this type. The formula for determining the projected annual total (PAT), i.e., the total 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 365times 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.



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

25	BY	MO	NTI		OR	Tŀ	Æ	YE	AR	1	987	25	AUTOPS
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5								7				5	
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1987
TOTAL CASES



MONTHLY ALCOHOL INCIDENCE

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MONTH	TOTAL	M	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F
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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			
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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									And the last of th		11	3	7	3	4								2				1		1	
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SUICIDES AGE AND RACE-ALCOHOL INCIDENCE

TABLE 71

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AGE	RACE	TOTAL	M	F	М	F	М	F	M	F	M	F	M	F	M	F	М	F	M	F	М	F	M	F	M	F	M	F	M	F	M	F
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25 - 29	White	16	12	4			<u></u>						12	4	8	2	4	2					1	1	1		2			1		
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65 - 69	White	6	4		-	-	-	-			\vdash		4	2	4	4	 	_		_		maroneou ou		-	<u> </u>		-		<u></u>	\vdash	-	-
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MODE-ALCOHOL INCIDENCE

TABLE 72 NOT TESTED TESTED STAGES Surv'd Out of Under 0.01% 0.05% 0.10% 0.15% 0.20% 0.25% 0.30% Total Cleve. County Other Total Neg. Pos. Too 0.19% County 0.04% 0.09% 0.14% 0.24% 0.29% or over Long MODE TOTAL M MF MF MF MF MF MF MF M F M F F M F M F M F М F M F F MF MF 30 17 13 30 14 15 **ASPHYXIA** 38 1 BURNING 2 1 17 6 11 4 2 1 1 1 1 17 5 2 11 CARBON MONOXIDE 24 2 **CUTTING AND STABBING** 3 2 1 3 3 **JUMPING** 7 3 1 4 4 12 10 9 8 1 POISONING 22 12 10 3 3 7 4 2 1 2 9 1 2 1 3 78 13 45 3 3 75 13 51 8 24 2 2 1 SHOOTING 91 5 32 OTHER* 1 5 6 2 6 138 41 91 30 47 11 5 3 9 6 3 13 2 1 6 3 TOTAL 144 43 71 14 68 26

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

MODE-ALCOHOL INCIDENCE

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POISONING-ALCOHOL INCIDENCE

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Salicylate (Oil of Wintergreen)	1	1				1				TROPING LONGING									1		1																\perp		
Combined Effect of Ethanol And:																																							
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Propoxyphene	1	1		1															1				1						1										
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Chlordiazepoxide	1	1		8				1											1	Name and Address of the Owner, where			1						1							\perp	\perp		

POISONING-ALCOHOL INCIDENCE

										poons				olumpia.	مرضوضة				Nimmons											7	1	31			74	Ļ	CC	o n	f
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And:		Treatment of the contract of t										Minmin							To American Control						Distance of the last										NAME OF TAXABLE PARTY.				
Pentobarbital, Amitrip-								ATT CLOSE CONTRACTOR		The second second		open and the second		-		Distriction of the last			and the second s						THE RESERVE											CONTRACTOR OF THE PARTY OF THE			
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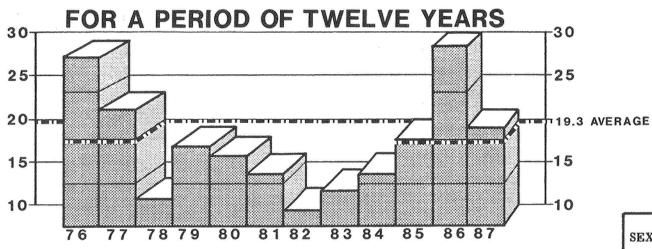
MODE-AGE GROUPS

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 Under GRAND TOTAL 1 Year MODE M F MF MF MF MF M MF MF MFMF MF M M F M MF M F MF 30 8 **ASPHYXIA** BURNING 2 2 CARBON MONOXIDE 2 1 CUTTING AND STABBING JUMPING 12 10 POISONING 78 13 1 10 SHOOTING OTHER TOTAL

MODE-GEOGRAPHICAL LOCATION AND MARITAL STATUS

												·																			174			Ξ	7	6			
	CLEVELAND COUNTY OUT OF COUNTY																																						
MODE		MAKKIED		SINGLE		WIDOWED		DIVORCED		UNKNOWN		IOTAL		MAKKIED		SINGLE		WIDOWED		DIVORCED		ONKNOWN		TOTAL		MARRIED		SINGLE		WIDOWED		DIVORCED		UNKNOWN		TOTAL		TOTAL	GRAND
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	М	F	M	F	M	F	М	F	M	F	M	F	М	F	M	F	M	F	M	F	М	F	М	F	TOTAL
ASPHYXIA	7	1	5	2	1		1				14	3	7	2	5	1	1		2	1			15	4		1	1						T		1	1	30	8	38
BURNING							1				1																				Г		T	1	T		1	T	1
CARBON MONOXIDE	4	1	Γ		Γ		1	1			5	2	7	1	3	2		1	1				11	4		1	1						H	\vdash	1	1	17	7	24
CUTTING AND STABBING													1	1								-	1	1					1						1		2		3
JUMPING		Γ	3	1	T			Γ			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			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		13	91
OTHERS							\vdash											\dashv		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		187

VIOLENCE OF UNDETERMINED ORIGIN



8-	BY MONTH FOR THE YEAR 1987	-8	ALC
6-		-6	AUT
4- 2-		- 4 =1.8 AVERA	GE
0-	J F M A M J J A S O N D	L _o	

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

1987
TOTAL CASES

FATALITIES FROM VIOLENCE OF UNDETERMINED ORIGIN

MONTHLY ALCOHOL INCIDENCE

																	No.															T		3[E	7	7
		elization and										N	TO	TES'	red					TE	STEI	D								ST	AGE	S				and the same party	
		T	otal	Cı	eve.	Co	unty		t of unty	T	otal	7	rv'd l'oo ong	10	nder lge	0	ther	Т	otal	N	leg.	Р	os.		01% 04%		05% 09%		10% 14%	0. 0.	15% 19%	0. 0.	20% 24%	0. 0.	25% 29%		30% over
MONTH	TOTAL	М	F	М	F	М	F	M	F	М	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F	M	F	М	F	М	F
JANUARY	5	1	4	1	3		1			A Commence of the Commence of	Γ	The Control of the Co	Γ		Γ	Γ		1	4	1	4									Ī	Γ	Γ					
FEBRUARY	1	1		1						Section 1								1		1												Γ	Γ				
MARCH	1		1				1					of god the wholester							1		1											Γ					
APRIL	1	1		1						Name of the last						The section of the se		1				1				1				Γ			Γ				П
MAY	2		2				2			distribution of the same of th		The state of the s							2		2										T						
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	Million	2	1		1													
OCTOBER	2		2	of motoring	2						1						1		1		1																П
NOVEMBER	2	1	1		1	1												1	1	1	1																П
DECEMBER	0																			orality and an article and an article and article article and article article and article article article and article																	П
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

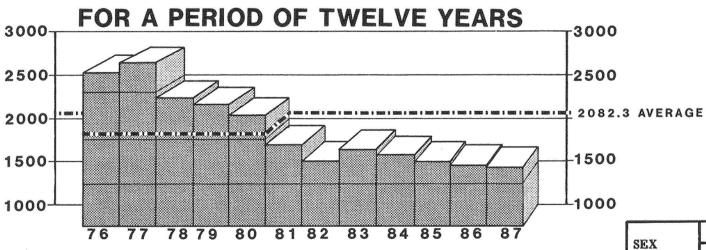
CAUSE OF DEATH-ALCOHOL INCIDENCE

																																III DON WASH	\mathbb{Z}		3[7	8
												I	TOP	TE	STE	ED				- Anna Anna Anna Anna Anna Anna Anna Ann	TE	STE	D		T	***	WANT OF WARRIST	- New Marie			ST	AGE	S			DANIEL STATE		2222020
		To	otal	Cl	eve.	Co	inty		it of unty	Т	otal		irv'd Foo ong	1	Und Ag		Ot	her	Т	otal	N	leg.		Pos.		01% 04%		05% 09%		10% 14%		15% 19%		20% 24%		.25% .29%		30% over
CAUSE OF DEATH	TOTAL	M	F	М	F	М	F	M	F	М	F	М	F		М	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F
BURNING	3	1	2		1		1	1		1		1		I						2																		
CARBON MONOXIDE	4	1	3	1	3					CONTINUEDINA				-					1	3	1	3																
DROWNING	2	2		1		1													2		1]				1											
INJURY TO BODY	2		2		2						1							1		1		1													L	L	L	
POISONING	6	2	4		1	2	3			Annoque		- Control							2	4	1	4	1		1													
SHOOTING	2	1	1	1	1							Market							1	1	1	1															L	
UNDETERMINED	2	1	1			1	1			1							1			1		1			_							L	L	L	L			
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 AGE-RACE-ALCOHOL INCIDENCE

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			77.	otal	То	tal		rv'd oo	Un	der		ther	m.	otal		leg.	P	os.	0.0	01%	0.0	05%	0.	10%	0.	15%	0.	20%	0.5	25%	0.	30%
				Jean		Lai		ng	A	ge	1	mer	1,0	nai	1	reg.	P	os.	0.	04%	0.0	9%	0.	14%	0.	19%	0.	24%	0.2	29%		over
AGE	RACE	TOTAL	M	F	М	F	М	F	М	F	М	F	M	F	М	F	М	F	M	F	M	F	М	F	M	F	М	F	M	F	M	F
Under	White																			- Constitution of the Cons					T		T			-		
1 Year	Non-White	1		1	L									1		1										Π	T		Γ			Î
1-4	White	1	1		L								1		1								·				Ī	and the second				
	Non-White	1		1							L	L		1	L	1																
5 – 9	White	<u> </u>			L						L																					
	Non-White		<u></u>			nonemperor.				-																		4				
10 - 14	White	1		1									<u> </u>	1		1																
	Non-White	-		-	L.									arange and																		
15 - 19	White	_	<u></u>	_		TO COLUMN 1						-	<u> </u>		L																	
	Non-White			<u> </u>	L																											
20 24	White	2 .	2	_	1						1		1			-	1				1											
	Non-White	1	1	L					-		<u></u>		1		1							STATE OF THE PARTY										
25 - 29	White	2	1	1					-			<u></u>	1	1	L	1	1		1					-								
	Non-White	1	1		1		1			econosio					<u></u>	ļ	<u></u>					distrimunion.			per-foliostas	CTURNING N						
30 - 34	White				Щ										L	_	ļ	ORGANICACIO	<u> </u>	Щ	_		-			and the law of						
	Non-White			20000000					-	arrewerse,					<u></u>	-	<u></u>		<u> </u>							-		en announce de				
35 - 39	White	1	_	1	<u> </u>		Щ		_		_			1	<u>_</u>	1	_		_		-	_									-	
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40 44	White	3	1	2	\vdash		_	_				`.	1	2	1	2	_		<u> </u>		WHIST STATE		*************		<u> </u>							
	Non-White		_	_			-		-					-	<u></u>	<u>_</u>	<u> </u>					-		-		nines and	L				and the latest space of	
45 - 49	White	1	-	1	$\vdash \vdash$			_	-		_			1		1	<u> </u>				-											
	Non-White White	1	H	1	\vdash	1			************			1			<u></u>	ļ.,									_	-					_	
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	Non-White White		-		\vdash			-	-		_				<u> </u>			NAME OF THE OWNER, OWNER, OWNE	<u> </u>	\dashv					-constant	COURAGO						
55 – 59	Non-White				\vdash						-	_		-		descension	-	***************************************	_		-	_		-		esionus, es		_			-	
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60 64	Non-White	1	\vdash	1	\vdash			\dashv				-		1	-	1	-	***************************************		-			_		_	and the second		_		-	anniesmas	-
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65 – 69	Non-White		-				_	\dashv	-		\vdash	\dashv	1		1	-	\vdash	-	-		-	-	_	-	_			\dashv	_	4		_
	White		\dashv	-			-	-				\dashv				-	\vdash			+	-	-			-			_	_	-		
70 – 74	Non-White		-	-		\dashv	-	\dashv	\dashv	\dashv	-	-	-			-		_		\dashv	\dashv		-	-	-	-	$\vdash \vdash$	-				_
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75 - 79	Non-White		-	-	-	\dashv	\dashv	\dashv	\dashv	\dashv	\dashv		-	-	-		\vdash	-	\vdash	\dashv	\dashv		-	\dashv	-	-		\dashv		4	-	
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80 – over	Non-White		\dashv	7	+		\dashv	\dashv	+	-			-	-		-		\dashv	-	+	-	\dashv	+	\dashv	\dashv	_		\dashv	_	\dashv	-	\dashv
morr:	White	14	6	8	1	7		7	-	7	1		5	8	3	8	2		1		1	+	-			-		+	-	+		
TOTAL	Non-White	7	2	5	1	1	1	\dashv	\dashv	\dashv		1	1	4	1	4	4		1	\dashv	-	\dashv	\dashv	-	-	-	-	\dashv	\dashv	\dashv		
GRAND	TOTAL	21	8	the same of the	2		1	+	-	寸	1	1	TO DESCRIPTION OF	12	4	12	2	-	1	+	1	十	+	-	-	-	-	+	-	+	-	

NATURAL CAUSES



BY MONTH FOR THE YEAR 1987		RACE
200 BY WONTH FOR THE YEAR 1907	_200 _	ALCOHOL
175	175	AUTOPSY
125	150 -139.4 -125 -100	AVERAGE
J F M A M J J A S O N D		

		MOMBER	I ERCORIAT
an v	MALE	1036	62
SEX	FEMALE	637	38
DACE	WHITE	1085	65
RACE	NON-WHITE	588	35
A V GOVYGY	TESTED	1425	85
ALCOHOL	POSITIVE	124	9
AUTOPSY	AUTOPSIED	546	33

NUMBER PERCENT

1987
TOTAL CASES

DEATHS FROM NATURAL CAUSES

MONTHLY ALCOHOL INCIDENCE

				Process	in salas ylangas sa									Silvino de la companya del companya della companya	Declaration of the leading of the le													B		. {	30
		gamunos	Cinciples and	L		N	ОТ	TES'	TED					TES	TED)								ST	AGE	THE REAL PROPERTY.					
grand the same and		T	otal	Т	otal	T	rv'd 'oo ong		nder Age	0	ther	Т	otal	N	leg.	P	os.		01% 04%		05% 09%	8	10% 14%		15% 19%		20% 24%		25% 29%	8	30% over
МОМТН	TOTAL	М	F	М	F	M	F	М	F	M	F	M	F	M	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	M	F
JANUARY	146	100	46	18	15	4	2	2	. 2	12	11	82	31	75	30	7	1	2	1	3						1	T	T		1	
FEBRUARY	149	95	54	11	10	3	2	1	2	7	6	84	44	78	42	6	2		1	1		1	1	2	T		T	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		Γ	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	П
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	\neg	
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

	ecikou menu							tolicus and	One-with transcriber		*************	MANUSCO CONTROL OF	AND DESCRIPTION OF												A	3L	E 81
CLASSIFICATION OF DISEASES BY CODE*	J	AN.	F	EB.	М	AR.	AP	RIL	M.	AY	Л	JNE	Jt	JLY	AU	JG.	SE	PT.	0	CT.	N	ov.	D	EC.	TO	TAL	GRAND
CLASSIFICATION OF DISEASES BY CODE.	М	F	М	F	М	F	М	F	М	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	TOTAL
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	T	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						1			.4	.3	7
Certain Diseases of Early Infancy						T	Г							-													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

	_		_				-	THE RESIDENCE OF THE PERSONS ASSESSMENT	onga cana		жаримины		MQENIAN			eritaria conte									A	34	E 82
CLASSIFICATION OF DISEASE BY CODE*	J.	AN.	F	EB.	M	IAR.	Al	PRIL	M	AY	J	UNE	J	ULY	A	IJ G.	SE	PT.	0	CT.	N	ov.	D	EC.	то	TAL	GRAND
	M	F	M	F	М	F	M	F	М	F	M	F	М	F	М	F	М	F	М	F	M	F	M	F	М	F	TOTAL
Infective and Parasitic Diseases			1				MONIMENT		A CONTRACTOR OF THE PERSON OF					Π				1	Π		Γ	1	Ī	1	1	3	.4
Neoplasms	1	1		1	1	1	T	T	T	1		T	1	.2	2	1	1		1		T	2	T	1	7	10	17
Allergic, Endocrine System, Metabolic and Nutritional Diseases					1							1		T			1						T	1	2	2	4
Diseases of the Blood and Blood-forming Organs				T	Ī	T	T	1	T		T	T	T	T	T				m			 	\vdash	-		-	0
Mental, Psychoneurotic and Personality Disorders**			2		1	1	1	1	T		T	T	1	T	1	1			\vdash	1		t	H	\vdash	6	4	10
Diseases of the Nervous System and Sense Organs		1	1	T	1	\top	Т	T	1				T	T			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	Т	2	1	3				1	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			T		T	1	1	1			T		T										1		2	1	3
Deliveries and Complications of Pregnancy, Childbirth and the Puerperium																											0
Diseases of the Skin and Cellular Tissue						1	\vdash				m		\vdash				7			\neg					-	1	1
Diseases of the Bones and Organs of Movement			Γ										m					\neg							_		0
Congenital Malformations			1					1								1		\neg				-		1	1	3	4
Certain Diseases of Early Infancy																		\neg									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	\rightarrow	33	16	33	17	-	-	345		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

																									TA	\mathbb{B}	E 83
A CIT	JA	N.	FF	EB.	MA	AR.	AP	RIL	MA	λY	JU	NE	JU	LY	ΑĮ	JG.	SE	PT.	00	T.	NO	ov.	DE	cc.	TOT	'AL	GRAND
AGE	М	F	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
Under 1	5	5	3	4	2	2	5	2	1	2	2	2	1	4	4	2	3	1	2	1	6	3	5	2	3.9	30	69
Year 1 – 4	Ť					_	1	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	i	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

												v je some	:						1000 Named or State	- moss viscos				STERNING AVA	TA	BL	E 84
AGE	J.	AN.	F	EB.	M.	AR.	AP	RIL	M.	AY	JU	INE	Л	JLY	Al	IJG.	SE	PT.	0	CT.	N	ov.	D	EC.	то	TAL	GRAND
2101	М	F	M	F	M	F	M	F	М	F	M	F	M	F	M	F	М	F	M	F	М	F	M	F	М	F	TOTAL
Under 1					and the second s																						
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	<u> </u>		<u> </u>					1								1						1		4		4
10 - 14		<u> </u>			<u> </u>	ļ		1		ļ			1	1					1		1				3	2	5
15 – 19	-	_	<u> </u>	1		<u> </u>		<u> </u>	1			<u> </u>					<u></u>								1	1	2
20 - 24					1								1						2	1					4	1	5
25 - 29		1	1	1	1				i	1			1	2	2		1			2			2		9	7	16
30 - 34				1	1	3	2		and the same of th		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	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

																						:														A		Œ	85
CLASSIFICATION OF DISEASES BY CODE*		ider 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	то	TAL	GRAND TOTAL
DISENSES ST COSE	M	F	М	F	М	F	M	F	М	F	M	F	М	F	M	F	М	F	М	F	M	F	M	F	М	F	M	F	M	F	М	F	M	F	М	F	М	F	101111
Infective and Parasitic																																							
Diseases		1	1															1	1	1	1												<u>L</u>	1_			3	3	6
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,	Г	Τ	Π	Π																																			
Metabolic and Nutritional	1	1	1			1		1				1								1												1	1						
Diseases	1		<u> </u>	1	<u></u>	<u> </u>	<u> </u>			_			_	_					_					1	Ш			_				_	_	_	1		2	2	4
Diseases of the Blood and					1		1			1	1			1																		1							
Blood-forming Organs		L	L						L					<u>L</u>					L												1			1	lacksquare		1	1	2
Mental, Psychoneurotic and			Γ		Г		Γ	T																															
Personality Disorders**					L.				_	1			1	<u> </u>	1	1	2		2	1		2			1					1			_				7	5	12
Diseases of the Nervous		1	Γ		Г			T																							1		1						
System and Sense Organs	1	1		1	1					l	l					1	L	1	1		1				2					1			1	1		1	7	7	14
Diseases of the Circulatory		I		Γ																																			
System	1	1	L_		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		T									1																	- 1			l	1							
System	4	1		1			1		1	L.,		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-					Г						Γ																												
urinary System			1								<u> </u>				L																1	1					2	1	3
Deliveries and Complications																																							
of Pregnancy, Childbirth and									l																	- 1		- 1	1			1				1			
the Puerperium					L						<u></u>																					L							0
Diseases of the Skin and											Π																												
Cellular Tissue																1													1			<u> </u>			1	1	1	2	3
Diseases of the Bones and																																							
Organs of Movement					<u> </u>					_				L									1	_		_		_	1	_			_	\vdash			2		2
Congenital Malformations	3	2						1			1															_	_	_	_								4	3	7
Certain Diseases of Early																																		1 1					
Infancy																																			\Box			\Box	0
Symtoms, Senility and Ill-																						- 1																	
defined Conditions***	29		L	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,

AUTOPSIES - DEATHS FROM NATURAL CAUSES INTERNATIONAL CODE OF CAUSES OF DEATH LISTED BY AGE GROUPS

																																				(Special				
		******	Т	Nacy of the	-	т-		T		т-		_		~						-																	A			86
CLASSIFICATION OF DISEASES BY CODE*	1	Jnde Yea	ır	1 -	-	L	- 9	THE REAL PROPERTY.	- CALMENTER	and the latest designation of	CONTRACTOR OF THE PARTY NAMED IN	_	MANAGE TO SERVICE AND ADDRESS OF THE PARTY O		TOWN DOOR		-		- 39	40	- 4	45	5 - 4	50	- 54	55	- 59	60	- 64	65	- 69	70	- 74	4 7	5 – 7				OTAL	GRAND
	M	1 1	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		F	·	F	TOTAL
Infective and Parasitic	1								T	T	Π	T	Τ	T	T	T	T	T	T	T	1	1	+	T	+-	+	+	+	+-	+	+-	╀	+-	+"	+	+"	4	14	+	
Diseases			1					1	1	1	1	ı		1	1			1	1	1	1	1				ı		l		ı		1	1	1	1	1				
Neoplasms		T	T	T			T	Т	1	1		T		1	1	1	1	1	+-	+	+	+	+	3	1	1	3	1	+-	1	+	1	+	╁	+	+	+	-	1 3	4
Allergic, Endocrine System,	Т	T	T	T				T	\vdash	T	T	1	1	1		T	1	1	1	+	+	+-	+	Ť	 ^	+ -	13	1	+-	-	+	╀┵	+-	╁	+-	4	+2	2	7 10	17
Metabolic and Nutritional	1		-			1	1		1	1	1	1	1	1	1		1	1	1			1		1		1	1	l	١.		1	ı	1	1		1				1
Diseases	1		-		1				1	1	1	1		1	1	1			1	1		1		1	1	1		l		1		1			1	1.				
Diseases of the Blood and	T	T	Т	T			T	Т	\vdash	1				1	1	t		1	†	+	+	1	+	+	+	\vdash	\vdash	-	-	-	-	╌	+	╀	╁	+	4	1:	2 2	4
Blood-forming Organs							1		1	1	1		1	l	1	1	1	1	1	ı		1	1	1		1	1 1					l	1			1				
Mental, Psychoneurotic and	T		1	\top			1	Г	1	1	1	\vdash	t-	\vdash	+	\vdash	\vdash	1	\vdash	╁	+-	┢	+-	\vdash	+	\vdash	-	-	-	-	-	-	+-	₽	+-	╀	+	-	+-	0
Personality Disorders**			1	-				1	1	ı				1	1	1	1	2		2	1	1	2	1	1	l							1		1	ı				
Diseases of the Nervous	T	T	T	7			<u> </u>	\vdash	†	-					+	+-	╁╌	Ť	\vdash	ΙŤ	+÷	╁		\vdash	-	-	\vdash		Н		-	Ͱ	+-	├-	+-	+	+-	6	4	10
System and Sense Organs	1	1	1		1	1	1	1	1	1							1		1	1	1	1	1	1		2					١.				1	1			1	
Diseases of the Circulatory	1	T	T	\top		-	\vdash	-	\vdash	 	\vdash		\vdash	 	1	1	-	\vdash	+-	⊢	+	1	+-	\vdash	-	- 2	\vdash	-	\vdash	-	1		-	1	+	+-	1	6	5	11
System	1			1	- 1	2		1	ì	1	1	3		4	1 4	11	1	17	0	22	10	000	1 10	l											1		1			
Diseases of the Respiratory	1	+	+	$^{+}$	_				_	<u> </u>	1	Ť	-	_ *	<u>*</u>		7	11	3	144	10	40	12	34	8	20	6	21	12	20	14	21	13	13	9	15	21	234	123	357
System	4	1			1			1					1		1				.1	1		2	1		١, ١	١.							1		1	1	1		1	
Diseases of the Digestive	+	1	+	+	-	\dashv	-	H				\vdash	-	\vdash	\vdash	\vdash	-	<u> </u>		<u> </u>	-	1 2	1	-	1	1		4	_	1	_	2	\sqcup	_	_	┺	_	16	6	22
System ****	1		1		1	1		1				1		2	1	3	2	3	2	7	3	۱.	١.		١. ا										1	1	1			
Diseases of the Genito-	\vdash	+	十	+	Ť	-		l-		\vdash		-			-	-	4	3			3	5	1	3	1	1	1	4	2	3			Ш	1	↓_	ــــ	_	35	14	49
urinary System			1	1	- 1	-																	1						- 1						1	1				
Deliveries and Complications	1	+	+	+	-+	\dashv		\vdash	-	\vdash	-				-	-		-	\vdash	<u> </u>	-			\vdash	_		_		_	_	_	1	1	<u></u>	_		_	2	1	3
of Pregnancy, Childbirth and	ı		1		- 1	- 1																						- 1		- 1					l	1	1			
the Puerperium	ı		1		1																						- 1	- 1							1	ı			1	
Diseases of the Skin and	\vdash	+	+	+	\dashv	-+	_	\dashv	-	-	\dashv	\dashv	-		-	-	-				-		_	\vdash	_		-	_	-	_	_				_	_				0
Cellular Tissue			1		- 1	- 1					1														- 1	- 1	- 1		- 1				1							
Diseases of the Bones and	-	+-	+	+	+	+	\dashv		-	-	_	-			_		1								_														1	1
Organs of Movement						1		- 1			- 1								1								- 1				ı									
Congenital Malformations	1	2	╁	+	+	\dashv	-	\dashv	1	\dashv	-	-		-		-	\dashv		_		_			_	_	_	-	_				_								0
Certain Diseases of Early	-		╁	+	+	\dashv	-			\dashv	-	-	\dashv					-+	_		_			_	_		_	_	_	_								1	3	4
Infancy			1						1		i	- 1	1						- 1								- 1	- 1												
Symptoms, Senility and Ill-	_	-	╁	+	+	\dashv	-	\dashv		-	-	\dashv	-	-		-		-	-		_			_	_	_	_	1	\perp	_										0
defined Conditions***	29	23	1							- 1	-			2	٠, ا	,	ا		ا،				- 1	- 1																
TOTAL		28		+	4	4	\dashv	3	2	1	1	4	1	9	7	16	2	3	3	20		25					_	_		_	_							35	29	64
101715	01	40		_	*	*		3	4	-1	-1	4	1	9	1	10	11	25	16	32	15	37	16	40	12	25	10 3	30	14	25	15	25	15	15	10	16	24	345	201	546

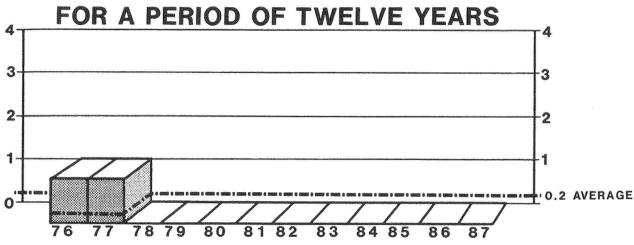
^{*} International Classification of Diseases by World Health Organization: Ninth Revision.

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

^{***} Sudden Unexpected Infant Deaths Totaled 46.

^{****} Alcoholism with associated Physical Disease Totaled 27.

ABORTIONS



	BY MONTH FOR THE YEAR 1987		SEX
4 T		 	RAC
3-		-3	ALC
2		-2	AUT
			AUI
1		-1	
01		O.O AVER	AGE
	J F M A M J J A S O N D		

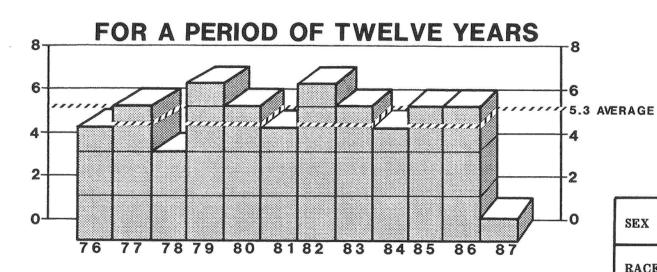
		NUMBER	PERCENT
6771	MALE	0	0
SEX	FEMALE	0	0
DAGE	WHITE	0	0
RACE	NON-WHITE	0	0 .
11 001101	TESTED	0	0
ALCOHOL	POSITIVE	0	0
AUTOPSY	AUTOPSIED	0	0

1987 TOTAL CASES 0

ABORTION FATALITIES

	TABLE	€ {	37
	NO FATALITIES RECORDED IN THIS CATEGORY IN 1987		

NEONATAL AND INTRA-UTERINE DEATHS



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

4-	BY MONTH FOR THE YEAR 1987	. [ALCOH
•			AUTOP
3-	3	3	
-	2	<u> </u>	
1-	1	l	
٥	J F M A M J J A S O N D).1 AVE	RAGE

1987 TOTAL CASES

NEONATAL AND INTRA-UTERINE DEATHS*

BY MONTH AND AGE GROUPS

														TA		88	September 1	
		GROUP I			GROUP II			GROUP III			GROUP IV							
	LIVE	BIRTH	FOETA	L DEATH	LIVE	BIRTH	FOETAI	L DEATH	LIVE	BIRTH	FOETA	L DEATH	LIVE	BIRTH	FOETA	L DEATH	то	TAL
MONTH	M	F	М	F	M	F	М	F	М	F	M	F	М	F	M	F	М	F
JANUARY																		
FEBRUARY																		厂
MARCH																		厂
APRIL																		
MAY					1												1	
JUNE												1						
JULY																		-
AUGUST		. 1																
SEPTEMBER												,						CANCEL CONTRACT
OCTOBER																		
NOVEMBER																		-
DECEMBER																		
TOTAL					1												1	ESSESSIONS.

^{*} 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

		GR	OUP I		GROUP II			GROUP III			GROUP IV							
	LIVE	BIRTH	FOETA	L DEATH	LIVE	BIRTH	FOETA	L DEATH	LIVE I	BIRTH	FOETAI	, DEATH	LIVE	BIRTH	FOETA	L DEATH	то	TAL
MONTH	М	F	М	F	M	F	M	F	M	F	М	F	М	F	М	F	M	F
JANUARY																		
FEBRUARY																		
MARCH																		
APRIL																		
MAY					1												1	
JUNE																		
JULY																		
AUGUST																		
SEPTEMBER																		
OCTOBER																		
NOVEMBER																		
DECEMBER																	Topic Control	
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,

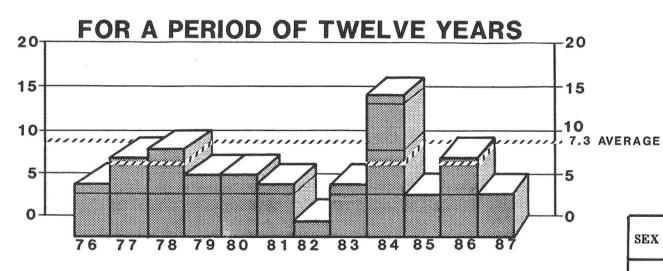
GROUP III - 28 completed weeks of gestation and over.

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



BY MONTH FOR THE YEAR 1987	-4 ALCOH
3	-3
2	-2
J F M A M J J A S O N D	O.4 AVERAGE

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

1987 TOTAL CASES 5

DEATHS FROM UNDETERMINED CAUSES

							ABLE 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

						1
CUYAHOGA (COUNTY	CORONER'S	I.AROR	ATODV	CACEC	1
O D CONTO ONTE	- CLIVE I	COMPOSITION D		$\alpha + nn$	LIMIN TO THE	

				THE S DADORATO	ICI CADED			
	POS	SITIVE CASES		FATAL POISONINGS				
SUBSTANCES	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		
Pentabarbital	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		
Chloradiazepoxide	4	0.15	0.19	2	1.47	2,60		
Diazepam	32	1,18	1.50	13	9.56	16.90		
n-Desmethylchlordiazepoxide	3	0.11	0.14	1	0.74	1.30		
n-Desmethyldiazepam	43	1.59	2.01	18	13,24	23.40		
Demoxapam	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	Service (Control of Co				
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	NAMENTONIO (1886) E CONTRACTOR (1886) E SANCE E SANCE E SANCE E SANCE E SANCE E SANCE E SANCE E SANCE E SANCE E E				
Mercury	1	0.04	0.05	1	0.74	1,30		

TOXICOLOGY LABORATORY REPORT INCIDENCE AND FREQUENCY OF POSITIVE FINDINGS

TABLE 91A cont.

CUYAHOGA COUNTY CORONER'S LABORATORY CASES	1					
	:-	CASES	LABORATORY	CORONER'S	COLINTY	CHVAHOGA

, particular and a second and a second and a second and a second and a second and a second and a second and a				_		
	PO	SITIVE CASE	S	FATA	AL POISONING	S
SUBSTANCES	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
Amitryptyline	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

_				TABL	_E 91 <i>l</i>	A cont.
		CUYAHOGA	COUNTY CORO	ONER'S LABORATO	RY CASES ¹	
	PO	SITIVE CASE	S	FATA	AL POISONING	GS
SUBSTANCES	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		0.13	1.30
Phenmetrazine	1	0.04	0.05		· · · · · · · · · · · · · · · · · · ·	
Phentermine	3	0.11	0.14	1	0.74	1.30
Phenylpropanolamine	13	0.48	0.61			1.00
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 C	ORON	IER'S LABORATORY CAS	ES				
	1985			1986					198	17	
ALL CASES (%)		FATAL POISONINGS	(%)	ALL CASES (%)		FATAL POISONINGS	5 (%)	ALL CASES (%)		FATAL POISONINGS	5 (%)
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 Antipressants	27.07	Benzodiazepines	3.36	Tricyclic Antidepressants	s 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

		TAB	LE 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, Butabarbital, Butalbital, Pentobarbital and Secobarbital.

3) Benzodiazepines

 $Chlor diaze poxide,\ Diaze pam,\ n\text{-}Desalkyl flur aze pam,\ n\text{-}Desmethyl chlor diaze poxide,}$

n-Desmethyldiazepam, Demoxapam and Oxazepam.

4) Spot Tests

Ethchlorvynol, Acetaminophen, Salicylate, Glucose and Ketone Bodies, Imipramine and Phenothiazines.

5) Cocaine Metabolite

Benzoylecgonine.

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, Pyrilamine, Propranolol, Quinine, Quinidine, Trimpramine and

Tripelennamine.

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.

PROFICIENCY STUDIES

				TABL	E 92A
AGENCY	SURVEY TYPE	NUMBER OF SURVEYS		OF SAMPLES URINE OTHER	NUMBER OF SUBSTANCES FOUND
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

		gamman manananan anan sanan sanan sanan sanan sanan sanan sanan sanan sanan sanan sanan sanan sanan sanan sana		BLE 93
SUBSTANCES	ACCIDENT	SUICIDE	V.U.O.*	TOTAL
Single Chemical Agent:				
Amitriptyline	2			2
Carbamazepine	1			1
Cocaine	5			5
Desipramine		2		2
Diazepam		1		1
Doxepin		2		2
Ethchloryynol	1			1
Ethylene Glycol			1	1
Heroin	1		The Control Control Control of The Control Con	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
Combined effect of ethanol and:				
Cocaine	2		1	3
Morphine	1			1
Nortriptyline		1		1

^{*} Violence of Undetermined Origin

TOXICOLOGY LABORATORY REPORT SUBSTANCES INVOLVED IN FATAL POISONINGS

Continued: Combined effect of ethanol and: Opiate 3 W.U.O.* TOTAL Opiate (Opiate) 3			TA	BLE 93	cont.
Opiate 3 3 Propoxyphene 2 1 3 Codeine and Marijuana 1 1 1 Doxepin and Chlordiazepoxide 1 1 1 Morphine and Codeine 1 1 1 Morphine and Diazepam 1 1 1 Acetaminophen, Benzodiazepam and Propoxyphene 1 1 1 Pentobarbital, Amitriptyline and Propoxyphene 1 2 4 1 17 Combined effect of two chemical agents: TOTAL 12 4 1 17 Acetaminophen and Methanol 1 1 1 1 Codeine and Opiate 1 1 1 1 Codeine and Amitriptyline 1 1 1 1 Codeine and Morphine 1 1 1 1 Desipramine and Chlorpromazine 1 1 1 1 Diazepam and Djiazepam 1 1 1 1 Propoxyphene and Coalene 1 </td <td>SUBSTANCES</td> <td>ACCIDENT</td> <td></td> <td></td> <td></td>	SUBSTANCES	ACCIDENT			
Opiate 3 3 Propoxyphene 2 1 3 Codeine and Marijuana 1 1 1 Doxepin and Chlordiazepoxide 1 1 1 Morphine and Codeine 1 1 1 Morphine and Diazepam 1 1 1 Acetaminophen, Benzodiazepam and Propoxyphene 1 1 1 Pentobarbital, Amitriptyline and Propoxyphene 1 2 4 1 17 Combined effect of two chemical agents: TOTAL 12 4 1 17 Acetaminophen and Methanol 1 1 1 1 Codeine and Opiate 1 1 1 1 Codeine and Amitriptyline 1 1 1 1 Codeine and Morphine 1 1 1 1 Desipramine and Chlorpromazine 1 1 1 1 Diazepam and Djiazepam 1 1 1 1 Propoxyphene and Coalene 1 </td <td>continued: Combined effect of ethanol and:</td> <td></td> <td></td> <td></td> <td></td>	continued: Combined effect of ethanol and:				
Propoxyphene		3			2
Doxepin and Chlordiazepoxide	Propoxyphene		1 1		The same of the sa
Doxepin and Chlordiazepoxide	Codeine and Marijuana				
Morphine and Codeine 1 1 1 Morphine and Diazepam 1 1 1 Acetaminophen, Benzodiazepam and Propoxyphene 1 1 1 Pentobarbital, Amitriptyline and Propoxyphene 1 1 1 Combined effect of two chemical agents: 3 1 1 1 Acetaminophen and Methanol 1	Doxepin and Chlordiazepoxide		1		
Morphine and Diazepam	Morphine and Codeine	1			
Acetaminophen, Benzodiazepam and Propoxyphene 1 1 Pentobarbital, Amitriptyline and Propoxyphene 1 1 TOTAL 12 4 1 17 Combined effect of two chemical agents: 1 1 1 1 Acetaminophen and Methanol 1	Morphine and Diazepam				
Pentobarbital, Amitriptyline and Propoxyphene	Acetaminophen, Benzodiazepam and Propoxyphene				
Combined effect of two chemical agents: 1 1 17 Cocaine and Methanol 1 1 1 Cocaine and Opiate 1 1 1 Codeine and Amitriptyline 1 1 1 Codeine and Morphine 1 1 1 Codeine and Morphine 1 1 1 Desipramine and Chlorpromazine 1 1 1 Diazepam and Opiates 1 1 1 Diazepam and Opiates 1 1 1 Impramine and Diazepam 1 1 1 Nortriptyline and Thiordazine 1 1 1 Propoxyphene and Cocaine 1 1 1 Propoxyphene and Diazepam 1 1 1 TOTAL 5 6 1 12 Combined effect of three chemical agents: 1 1 1 Amitriptyline, Acetaminophen and Salicylate 1 1 1 Butalbital, Propoxyphene and Amitriptyline 1 1 <td< td=""><td></td><td></td><td></td><td></td><td>CHARGO CONTRACTOR CONT</td></td<>					CHARGO CONTRACTOR CONT
Combined effect of two chemical agents: 1 1 Acetaminophen and Methanol 1 1 Cocaine and Opiate 1 1 Codeine and Amitriptyline 1 1 Codeine and Kanax 1 1 Codeine and Morphine 1 1 Desipramine and Chlorpromazine 1 1 Desipramine and Opiates 1 1 Imipramine and Diazepam 1 1 Nortriptyline and Thiordazine 1 1 Propoxyphene and Cocaine 1 1 Propoxyphene and Diazepam 1 1 TOTAL 5 6 1 Combined effect of three chemical agents: 1 1 Amitriptyline, Acetaminophen and Salicylate 1 1 1 Butalbital, Propoxyphene and Acetaminophen 1 1 1 Combined effect of three chemical agents: 1 1 1 Amitriptyline, Acetaminophen and Salicylate 1 1 1 Diazepam, Propoxyphene and Codeine 1		12	4	1 1	17
Cocaine and Opiate	Combined effect of two chemical agents:				
Cocaine and Opiate 1 1 1 Codeine and Amitriptyline 1 1 1 Codeine and Kanax 1 1 1 Codeine and Morphine 1 1 1 Desipramine and Chlorpromazine 1 1 1 Diazepam and Opiates 1 1 1 Imipramine and Diazepam 1 1 1 Nortriptyline and Thiordazine 1 1 1 Propoxyphene and Cocaine 1 1 1 Propoxyphene and Diazepam 1 1 1 Toropoxyphene and Diazepam 1 1 1 Combined effect of three chemical agents: 3 6 1 12 Combined effect of three chemical agents: 1 1 1 1 Amitriptyline, Acetaminophen and Salicylate 1 1 1 1 Butalbital, Propoxyphene and Acetaminophen 1 1 1 1 Codeine, Propoxyphene and Codeine 1 1 1 1 <td>Acetaminophen and Methanol</td> <td>1</td> <td></td> <td></td> <td>1</td>	Acetaminophen and Methanol	1			1
Codeine and Amitriptyline 1 1 1 Codeine and Xanax 1 1 1 Codeine and Morphine 1 1 1 Desipramine and Chlorpromazine 1 1 1 Diazepam and Opiates 1 1 1 Imipramine and Diazepam 1 1 1 Nortriptyline and Thiordazine 1 1 1 Propoxyphene and Cocaine 1 1 1 Propoxyphene and Diazepam 1 1 2 TOTAL 5 6 1 12 Combined effect of three chemical agents: 1 1 1 Amitriptyline, Acetaminophen and Salicylate 1 1 1 Butalbital, Propoxyphene and Acetaminophen 1 1 1 Codeine, Propoxyphene and Amitriptyline 1 1 1 Diazepam, Propoxyphene and Codeine 1 1 1 Diazepam, Cocaine and Opiate 1 1 5 Combined effect of four chemical agents:	Cocaine and Opiate	THE RESERVE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON NAME			Commence of the Commence of th
Codeine and Xanax 1 1 Codeine and Morphine 1 1 Desipramine and Chlorpromazine 1 1 Diazepam and Opiates 1 - 1 Impramine and Diazepam 1 - 1 Nortriptyline and Thiordazine 1 1 1 Propoxyphene and Cocaine 1 1 1 Propoxyphene and Diazepam 1 1 1 TOTAL 5 6 1 12 Combined effect of three chemical agents: - - 1 1 2 Amitriptyline, Acetaminophen and Salicylate 1 - 1 1 1 1 Butalbital, Propoxyphene and Acetaminophen 1 - 1 1 1 1 1 Codeine, Propoxyphene and Codeine 1 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Codeine and Amitriptyline				AND DESCRIPTION OF THE PROPERTY OF THE PROPERT
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 Combined effect of three chemical agents: 1 1 1 Amitriptyline, Acetaminophen and Salicylate 1 1 1 Butalbital, Propoxyphene and Acetaminophen 1 1 1 Codeine, Propoxyphene and Amitriptyline 1 1 1 Diazepam, Propoxyphene and Codeine 1 1 1 Diazepam, Cocaine and Opiate 1 1 5 Combined effect of four chemical agents: 1 1 5 Propoxyphene, Acetaminophen, Diazepam and Butalbital 1 1 1	Codeine and Xanax		1		and the second s
Desipramine and Chlorpromazine	Codeine and Morphine				
Diazepam and Opiates	Desipramine and Chlorpromazine		1		THE RESERVE OF THE PARTY OF THE
Imipramine and Diazepam 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Diazepam and Opiates	1			The second secon
Nortriptyline and Thiordazine Propoxyphene and Cocaine 1 1 1 2 Propoxyphene and Diazepam 1 1 1 2 TOTAL 5 6 1 12 Combined effect of three chemical agents: Amitriptyline, Acetaminophen and Salicylate 1 1 1 1 1 Butalbital, Propoxyphene and Acetaminophen 1 1 1 1 Codeine, Propoxyphene and Amitriptyline Diazepam, Propoxyphene and Codeine Diazepam, Propoxyphene and Opiate 1 1 1 1 Combined effect of four chemical agents: TOTAL 4 1 1 5 Combined effect of four chemical agents: Propoxyphene, Acetaminophen, Diazepam and Butalbital 1 1 1 TOTAL 1 1 1	Imipramine and Diazepam	1			
Propoxyphene and Cocaine Propoxyphene and Diazepam TOTAL TOTAL 5 6 1 1 2 Combined effect of three chemical agents: Amitriptyline, Acetaminophen and Salicylate Butalbital, Propoxyphene and Acetaminophen 1 Codeine, Propoxyphene and Amitriptyline Diazepam, Propoxyphene and Codeine TOTAL Diazepam, Cocaine and Opiate TOTAL	Nortriptyline and Thiordazine	Medical Law (Medical Control of Control Contro	1		CONTRACTOR DESCRIPTION OF THE PROPERTY OF THE
Propoxyphene and Diazepam TOTAL TOTAL 5 6 1 12 Combined effect of three chemical agents: Amitriptyline, Acetaminophen and Salicylate Butalbital, Propoxyphene and Acetaminophen 1 1 1 2 Codeine, Propoxyphene and Amitriptyline 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Propoxyphene and Cocaine		1		Control Contro
TOTAL 5 6 1 12 Combined effect of three chemical agents: Amitriptyline, Acetaminophen and Salicylate 1 1 1 Butalbital, Propoxyphene and Acetaminophen 1 1 1 1 Codeine, Propoxyphene and Amitriptyline 1 1 1 Diazepam, Propoxyphene and Codeine 1 1 1 1 Diazepam, Cocaine and Opiate 1 1 1 5 Combined effect of four chemical agents: Propoxyphene, Acetaminophen, Diazepam and Butalbital 1 1 1 1 TOTAL 1 1 1	Propoxyphene and Diazepam		1	1	
Combined effect of three chemical agents: Amitriptyline, Acetaminophen and Salicylate Butalbital, Propoxyphene and Acetaminophen Codeine, Propoxyphene and Amitriptyline Diazepam, Propoxyphene and Codeine Diazepam, Cocaine and Opiate TOTAL Combined effect of four chemical agents: Propoxyphene, Acetaminophen, Diazepam and Butalbital TOTAL	TOTAL	5	6	1	STATE OF THE PERSON NAMED IN COLUMN 2 IN C
Butalbital, Propoxyphene and Acetaminophen 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Combined effect of three chemical agents:				
Codeine, Propoxyphene and Amitriptyline Diazepam, Propoxyphene and Codeine 1 Diazepam, Cocaine and Opiate 1 TOTAL TOTAL Propoxyphene, Acetaminophen, Diazepam and Butalbital TOTAL 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1			1
Diazepam, Propoxyphene and Codeine 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1			1
Diazepam, Propoxyphene and Codeine Diazepam, Cocaine and Opiate 1 TOTAL 4 1 5 Combined effect of four chemical agents: Propoxyphene, Acetaminophen, Diazepam and Butalbital TOTAL 1 1 1 1 1 1 1 1 1 1 1 1 1	Codeine, Propoxyphene and Amitriptyline			1	-
TOTAL 4 1 5 Combined effect of four chemical agents: Propoxyphene, Acetaminophen, Diazepam and Butalbital 1 1 1 TOTAL 1 1 1	Diazepam, Propoxyphene and Codeine	1			1
TOTAL 4 1 5 Combined effect of four chemical agents: Propoxyphene, Acetaminophen, Diazepam and Butalbital 1 1 1 TOTAL 1 1 1	Diazepam, Cocaine and Opiate	1			
Combined effect of four chemical agents: Propoxyphene, Acetaminophen, Diazepam and Butalbital TOTAL 1 1 1	TOTAL	4		1	
TOTAL 1 1	Combined effect of four chemical agents:				
TOTAL 1 1	Propoxyphene, Acetaminophen, Diazepam and Butalbital	1			1
	TOTAL	1			US COUNTY FOR COLUMN PROGRAM PROGRAM CONTROL
	GRAND TOTAL	46	22	6	74

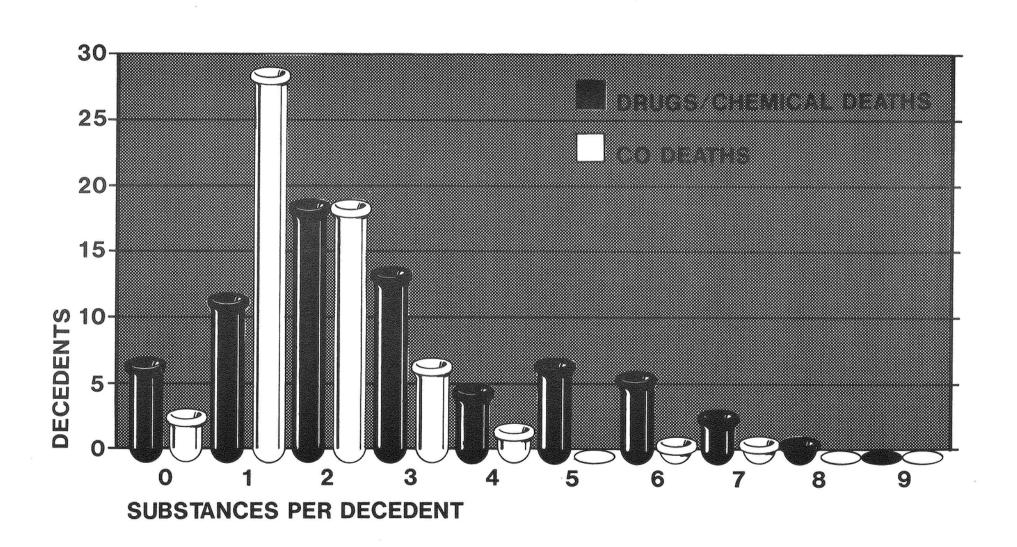
^{*} Violence of Undetermined Origin

CARBON MONOXIDE FATALITIES

	C				TA	BLE	93A
		ACCIDENT	AL	SUICIDE	HOMICIDE	v.u.o.*	Momay
SUBSTANCES	SMOKE	AUTO EXHAUST	UNDETERMINED	AUTO EXHAUST	SMOKE	SMOKE	TOTAL
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, Diphenydramine, Phedrine, Acetaminophen, Propoxyphene and							
Norpropoxyphene				1			1
Amitriptyline, Nortriptyline, Diazepam,							
n-Desmethydiazepam, Codeine, Morphine							
and Phenytoin				1			1
TOTAL	19	5	1	24	9	4	62

^{*} Violence of Undetermined Origin

INCIDENCE OF POLYPHARMACY (FINDINGS FROM 125 POISONING FATALITIES)

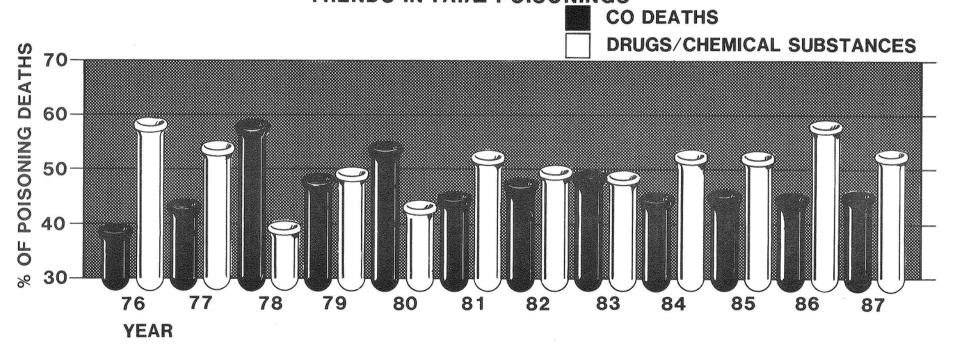


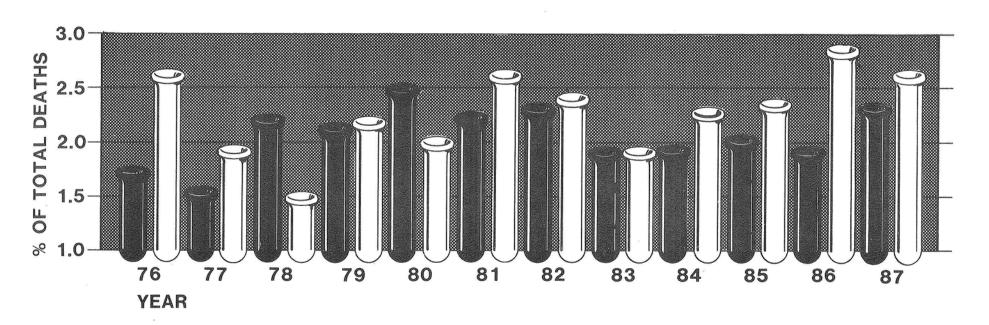
POISONING FATALITIES 1976 - 1987

TABLE 93B

-	·	***************************************					-		_		_			, 90D
	но	OME	west transform to the	CCIDENTS	ОТН	ER PLACES	но	OMICIDE	st	JICIDE		ANNER ETERMINED	ŋ	TOTAL
YEAR	CO	OTHERS	CO	OTHERS	со	OTHERS	СО	OTHERS	СО	OTHERS		OTHERS	СО	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	71	7		6]	118	.4	1	7	87	6	3	17	32

TOXICOLOGY LABORATORY REPORT TRENDS IN FATAL POISONINGS





RELATIVE LETHALITY INDEX (RLI) 1983-1987

		4		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	1.0
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

RELATIVE LETHALITY INDEX (RLI) 1983-1987

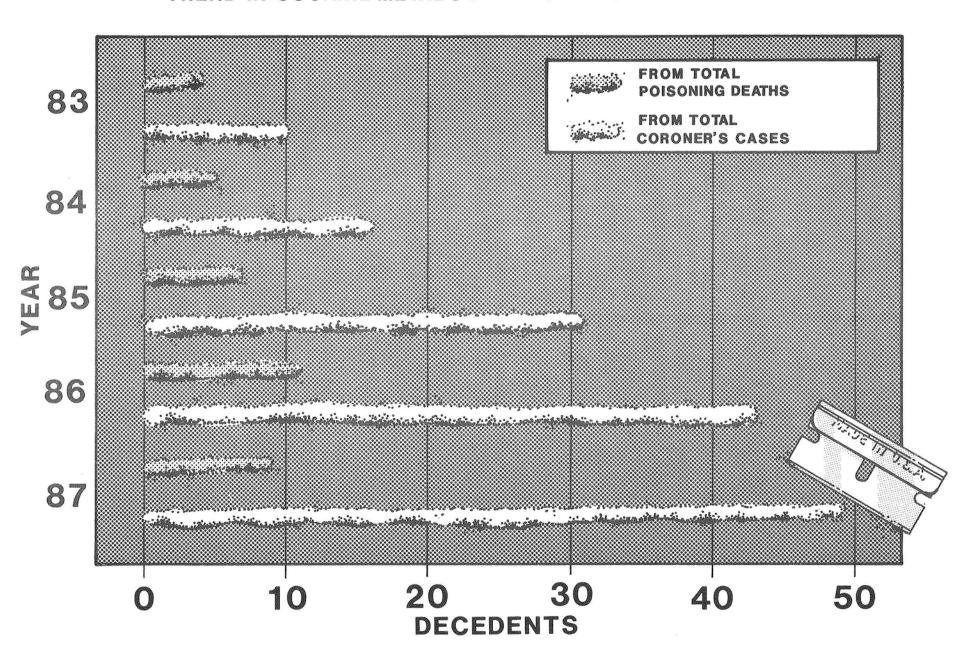
			TABL	E 93C	cont.
DRUG/GROUP	1983	1984	1985	1986	1987
Phenothiazines (Total)	23	23	13	35	19
Phenytoin	8	4	8	7	18
Propoxyphene	50	32	50	56	52
Quinidine	*	5	0	12	*
Quinine	*	18	8	*	10
Tricyclic Antidepressant (Total)	45	42	57	56	52
Amitriptyline	42	39	*	73	40
Desipramine	70	*	*	*	8
Doxepine	*	*	*	60	*
Imipramine	40	*	*	*	*
Nordoxepine	*	*	*	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	*
Tripelennamine	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.

TREND IN COCAINE METABOLITE INCIDENCE 1983 - 1987



TRACE EVIDENCE

	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.

Time away from office for court appearances: 66 hours and 45 minutes.

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

^{**} 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.

TRACE EVIDENCE LABORATORY

TABLE 94A

				FUANDERS	94A
,	CUYAHOGA COUNTY	OTHER	SPECIEMNS FROM	SPECIMENS FROM	
EXAMINATIONS	CORONER'S	CORONER'S	OTHER SOURCES**	OTHER SOURCES**	TOTAL
	CASES	CASES	RE: CORONER'S CASES	NOT RE: CORONER'S CASES	
ACID PHOSPHATASE					
Specimens from bodies	109	(3)			109
Electrophoretic determinations	1				
Cellulose Acetate		/==>		4.0	-
Specimens from bodies	63	(7)		18	81
Stains	1		3	24	28
MICROSCOPIC EXAMINATION FOR	1				
SPERMATOZA					
Specimens from bodies	167	(3)		28	195
Stains	1			25	26
BLOOD DETECTION					Manage
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			a .		
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				and the second of the second o	
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 C	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	1				
Clothing and Related Items	95		5		100
Targets	2		5		7
HAND EXAMINATIONS	1				
Trace Metal Detection	233	(14)	1		234
Gunshot Residue (Harrison-Gilroy Test)	222	(13)	8	4	234
MICROSCOPIC EXAMINATIONS					The state of the s
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			A the second second contract of the second s	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

		TA	3LE 95
	CUYAHOGA COUNTY CORONER'S OFFICE	OTHER SOURCES	TOTAL
TISSUE SPECIMENS RECEIVED FROM:		.935 300	
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
SLIDES PREPARED AND STAINED: ROUTINE HEMATOXYLIN — EOSIN	17,053	660	17,713
TEACHING SLIDES	53		53
SPECIAL STAINS FOR DEMONSTRATION OF: 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.
- 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, Westminister 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. Americal Journal of Physical Anthropology, Vol. 74, pp. 155-175, 1987.

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, Zenter 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 Restern 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)

(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,"

ROBERT CHALLENER, 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."

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.

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,"

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."

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."

(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 Americal Association for Clinical Chemistry, 1988.

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)

STUDENTS IN THE TOXICOLOGY LABORATORY

MARCH:

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

JUNE:

Cleveland Metopolitan General Hospital, School of Medical Technology, Jeffrey Martin.

APRIL - JUNE

Graduate student from the Department of Epidemology, 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.

THE 1987 CORONER'S STATISTICAL REPORT

HAS BEEN PREPARED BY:

DEDICATION MATERIAL

Joseph Collins Mary Cowan

STATISTICAL DATA

Anna Chang Barbara Harrell Elizabeth Tidwell

GRAPHIC DESIGN

James Wentzel

LAYOUT AND TYPE

Elizabeth Tidwell James Wentzel

ILLUSTRATIONS

Bernadette Jusczak James Wentzel

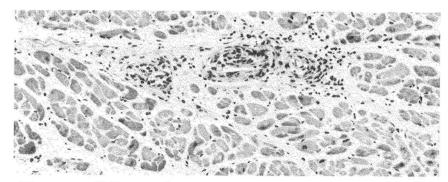
PHOTOGRAPHS

Joseph Collins Bernadette Jusczak

PROOF READING

Karen Feldman 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

