

The background of the slide is a close-up photograph of a butterfly with orange, black, and white wings, perched on a purple flower. The image is slightly blurred, giving it a soft, artistic feel.

2012

**Medical Examiner's Statistical Report
Cuyahoga County, Ohio**



2012

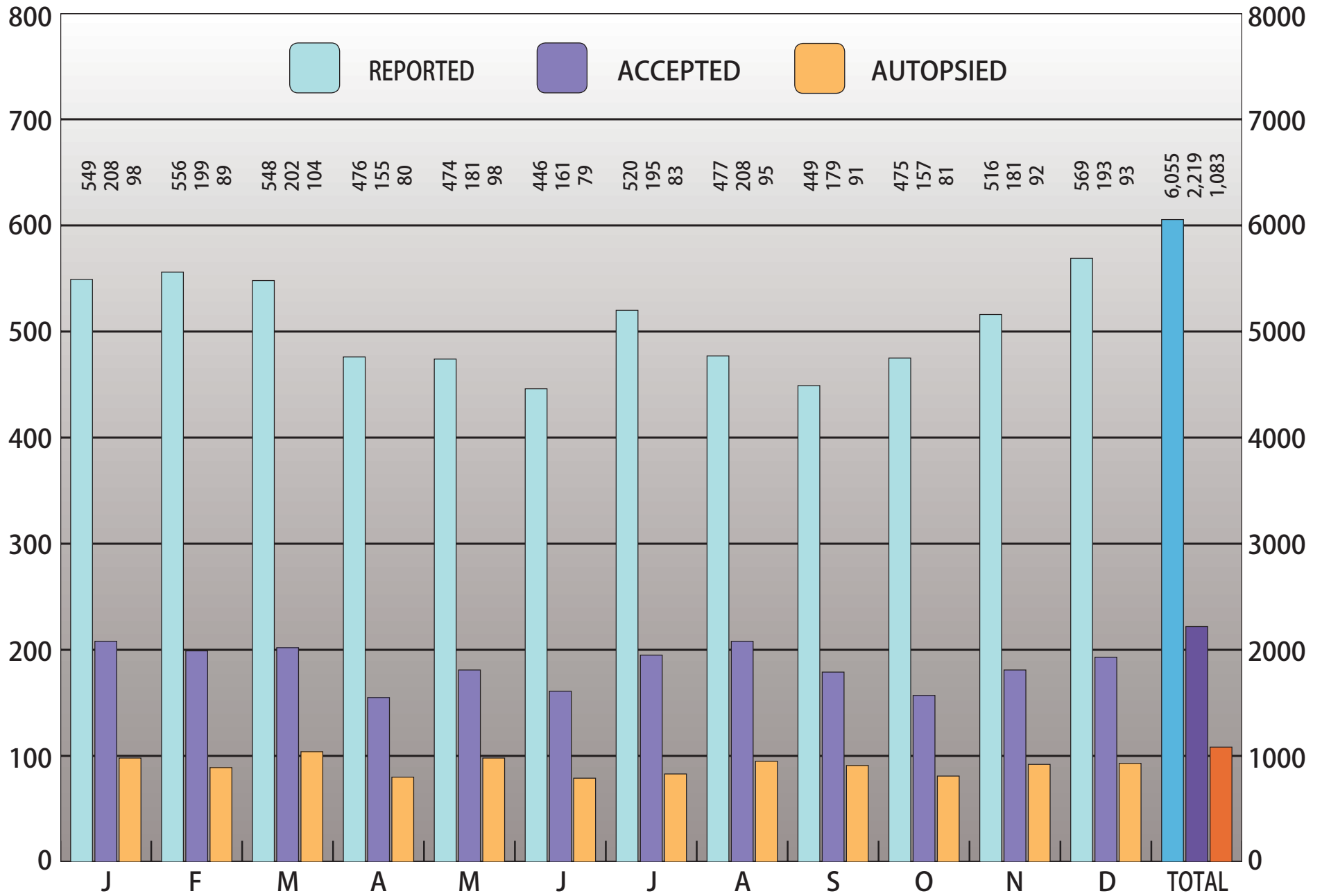
Cuyahoga County Medical Examiner's Statistical Report

Edward FitzGerald, Cuyahoga County Executive

Thomas P. Gilson, M.D., Medical Examiner

Samuel R. Gerber Building, 11001 Cedar Avenue, Cleveland, Ohio 44106

2012 NUMBER OF MEDICAL EXAMINER'S CASES



2012 TABLE OF CONTENTS

NUMBER OF CASES REPORTED, ACCEPTED, AND AUTOPSIED	2
INTRODUCTION	7
TRENDS	13
SUMMARY OF MEDICAL EXAMINER'S CASES.....	43
ACCIDENTS IN THE HOME	55
ACCIDENTS WHILE AT WORK.....	71
ACCIDENTS IN OTHER PLACES.....	77
VEHICULAR ACCIDENTS	91
HOMICIDES	129
SUICIDES	141
NATURAL CAUSES	153
UNDETERMINED MANNER.....	165
ADMINISTRATION	171
GENERAL OFFICE.....	175
HISTOLOGY.....	177
INVESTIGATION.....	179
MEDICAL SECRETARIES	181
PATHOLOGY	183
PHOTOGRAPHY	187
REGIONAL FORENSIC SCIENCE LABORATORY	191
DRUG CHEMISTRY	193
FORENSIC DNA	201
PARENTAGE AND IDENTIFICATION	205
TOXICOLOGY	207
TRACE EVIDENCE.....	225
LIFEBANC.....	227
LECTURES	229
PUBLICATIONS	236
ABOUT THE MEDICAL EXAMINER'S STATISTICAL REPORT	237

TABLE NO.		PAGE NO.
	TRENDS	
—	Cuyahoga County Heroin Initiative	13
—	Cuyahoga County Sexual Assault Policy.....	17
A	Types of Fatalities and Miscellaneous Information - 2011 and 2012 Compared	24
B	Types of Fatalities - Gender, Race, Autopsy	25
C	Types of Fatalities - 2011 and 2012 Incidence Compared	26
D	Types of Fatalities - Ethanol Incidence	27
E	Vehicular Fatalities - Daily Ethanol Incidence.....	28
F	Distribution of Selected Medical Examiner's Cases in Each Municipality - Cuyahoga County	29
G	Deaths in County, Deaths Reported to Medical Examiner, Cases Received 1940 - 2012.....	31
H	Types of Fatalities Summary 1940 - 2012.....	34
I	Trauma Cases Life-Flighted from Other Counties.....	37
J	Autopsies Performed for Other Counties.....	38
—	Population of Cuyahoga County by Cities, Villages, Townships, and Districts (2010 Census).....	41
	SUMMARY OF MEDICAL EXAMINER'S CASES	
1	Summary of All Fatalities by Type and Location with some Miscellaneous Data	44
2	Total Cases by Month and Type of Fatality.....	45
3	Autopsies by Month and Type of Fatality	46
4	Total Cases by Age Groups and Type of Fatality.....	47
5	Autopsies by Age Groups and Type of Fatality.....	48
6A	Geographical Location - All Fatalities	49
6B	Geographical Location - All Fatalities	50
7	Geographical Location - All Fatalities	51
8	Accidental Fatalities by Month.....	52
9	Homicides and Suicides - Fatalities by Month.....	53
	ACCIDENTS IN THE HOME	
10	Fatalities Resulting from Accidents in the Home - Monthly Ethanol Incidence.....	59
11	Age - Race - Ethnicity - Ethanol Incidence	60
12	Mode - Ethanol Incidence.....	63
13	Mode - Ethanol Incidence.....	64
14	Mode - Ethanol Incidence.....	65

TABLE NO.		PAGE NO.
	INTRODUCTION	
—	Letter of Transmittal.....	7
—	Foreword	9
—	Accreditations	10
—	What is a Medical Examiner's Case?	11
—	Medical Examiner's Organizational Chart	12

2012 TABLE OF CONTENTS (continued)

TABLE NO.		PAGE NO.
15	Mode - Age Groups	68
16	Falls - Ethanol Incidence.....	69
17	Falls - Age Groups	70
	ACCIDENTS WHILE AT WORK	
18	Fatalities Resulting from Accidents at Work - Monthly Ethanol Incidence.....	73
19	Age - Race - Ethnicity - Ethanol Incidence	74
20	Mode - Ethanol Incidence.....	75
21	Mode - Age Groups	76
	ACCIDENTS IN OTHER PLACES	
22	Fatalities Resulting from Accidents in Other Places - Monthly Ethanol Incidence.....	81
23	Age - Race - Ethnicity - Ethanol Incidence	82
24	Mode - Ethanol Incidence.....	84
25	Mode - Ethanol Incidence.....	85
26	Mode - Ethanol Incidence.....	86
27	Mode - Age Groups	88
28	Falls - Ethanol Incidence.....	89
29	Falls - Age Groups	90
	VEHICULAR ACCIDENTS	
30	Classification of Victims - Ethanol Incidence.....	98
31	Drivers-Age of Victims - Ethanol Incidence	98
32	Monthly Ethanol Incidence	99
33	Daily Ethanol Incidence.....	100
34	Age - Race - Ethnicity - Ethanol Incidence	101
35	Type of Accident - Ethanol Incidence	102
36	Non-traffic - Ethanol Incidence.....	103
37	Traffic - Collision - Ethanol Incidence.....	104
37A	Traffic - Collision - Ethanol Incidence - Drivers.....	105
37B	Traffic - Collision - Ethanol Incidence - Motorcyclists	105
37C	Traffic - Collision - Ethanol Incidence - Passengers	106
37D	Traffic - Collision - Ethanol Incidence - Pedestrians	106
38	Traffic - Non-Collision - Ethanol Incidence	107
39	Vehicular Fatalities While at Work Traffic and Non-traffic - Monthly Ethanol Incidence	108
40	Weather Conditions - Ethanol Incidence	108
41	Road Conditions - Ethanol Incidence	109

TABLE NO.		PAGE NO.
42	Light Conditions - Ethanol Incidence	109
43	Classification of Victims - Age Groups	110
44	Month and Age Groups	110
45	Autopsies - Month and Age Groups.....	111
46	Major Injury and Survival Interval.....	112
47	Major Injury and Survival Interval - Age Groups	113
47A	Major Injury and Survival Interval - Age Groups - Drivers.....	114
47B	Major Injury and Survival Interval - Age Groups - Motorcyclists	115
47C	Major Injury and Survival Interval - Age Groups - Passengers	116
47D	Major Injury and Survival Interval - Age Groups - Pedestrians.....	117
48A	Geographical Location - Type of Accident Classification of Victims (Cities)	118
48B	Geographical Location - Type of Accident Classification of Victims (Villages, etc.)	120
48C	Geographical Location - Type of Accident Classification of Victims (Out of County)	121
49	Hourly - Daily - Ethanol Incidence - All Cases	122
49A	Hourly - Daily - Ethanol Incidence - Drivers.....	123
49B	Hourly - Daily - Ethanol Incidence - Motorcyclists	124
49C	Hourly - Daily - Ethanol Incidence - Passengers	125
49D	Hourly - Daily - Ethanol Incidence - Pedestrians.....	126
50	Hourly and Daily Incidence Arranged by Classification	127
51	Hourly and Daily Incidence Arranged According by Age Groups.....	128
	HOMICIDES	
52	Monthly Ethanol Incidence	132
53	Age - Race - Ethnicity - Ethanol Incidence	133
54	Mode - Ethanol Incidence.....	134
55	Mode - Age Groups	135
56	During Legal Intervention - Place of Occurrence - Circumstances - Assaultants - Victims - Ethanol Incidence	136
57	Place of Occurrence - Home Circumstances - Assaultants - Victims - Ethanol Incidence.....	137
57A	Place of Occurrence - Public Circumstances - Assaultants - Victims - Ethanol Incidence.....	138
58	Homicides in Cuyahoga County, 1988 - 2012.....	139

2012 TABLE OF CONTENTS (continued)

TABLE NO.		PAGE NO.
	SUICIDES	
59	Monthly Ethanol Incidence.....	144
60	Age - Race - Ethnicity - Ethanol Incidence	145
61	Mode - Ethanol Incidence.....	147
62	Mode - Ethanol Incidence.....	148
63	Poisoning - Ethanol Incidence	149
64	Mode - Age Groups	150
65	Mode - Geographical Location and Marital Status	151
	NATURAL CAUSES	
66	Monthly Ethanol Incidence.....	154
67	Age - Race - Ethnicity - Ethanol Incidence	155
68	International Code of Causes of Death by Month	158
69	Autopsies - International Code of Causes of Death by Month.....	159
70	Month and Age Groups	160
71	Autopsies - Month and Age Groups.....	161
72	International Code of Causes of Death Listed by Age Groups.....	162
73	Autopsies - International Code of Causes of Death by Age Groups.....	163
	UNDETERMINED MANNER	
74	Monthly Ethanol Incidence.....	166
75	Age - Race - Ethnicity - Ethanol Incidence	167
76	Mode - Ethanol Incidence.....	169
77	Mode - Age Groups	170
	OTHER MEDICAL EXAMINER'S DEPARTMENT REPORTS	
—	Administration Report	171
—	Law Enforcement Training Program	173
—	General Office Report.....	175
—	Histology Laboratory Report	177
78	Histology Laboratory Report	178
—	Investigative Unit Report	179
—	Medical Secretaries Report.....	181
—	Pathology Department Report	183
—	Radiology Report.....	185
—	Photography Unit Report	187

TABLE NO.		PAGE NO.
	REGIONAL FORENSIC SCIENCE LABORATORY REPORTS	
—	Cuyahoga County Regional Forensic Science Laboratory Report.....	191
—	Drug Chemistry Section Report.....	193
79	Caseload by Submitting Agency	195
80	Controlled Substance Result Frequency.....	196
81	Controlled Substance Amounts Reported.....	198
—	Forensic DNA Unit Report.....	201
—	Parentage and Identification Department Report.....	205
—	Toxicology Laboratory Report	207
82	Incidence of Poisoning in Tested Individuals	210
83	Samples Received from Outside Referring Agencies	210
84	Incidence and Frequency of Positive Findings	211
85	Incidence of Analytes in Positive Cases 2011 - 2012.....	216
86	Testing Frequency by Drug Groups.....	220
—	Agents Included in Drug Groups	221
87	Proficiency Studies	222
—	Trace Evidence Unit Report.....	225
	ADDITIONAL INFORMATION	
—	LifeBanc.....	227
—	Lectures.....	229
—	Publications.....	236
—	About the 2012 Medical Examiner's Statistical Report	237
—	Credits.....	238
	ILLUSTRATIONS	
	Comparison of Most Common Overdose Drugs 2007 - 2012 (Graphs).....	16
	Rape Kits Received by Month for the Year 2012	18
	Types of Cases Received 2012	19
	Fatalities from Violence for the Year 2012.....	20
	Fatalities from Accidents for the Year 2012	21
	Fatalities from Homicides for the Year 2012.....	22
	Fatalities from Suicides for the Year 2012.....	23
	Total of All Deaths in Cuyahoga County 2003 - 2012	42
	Summary of Medical Examiner's Cases (Graphs)	43
	Accidents in the Home (Graphs)	55

2012 TABLE OF CONTENTS (continued)

	PAGE NO.
Fatalities Resulting from Accidents and Accidental Falls in the Home 2003 - 2012	58
Accidents While at Work (Graphs)	71
Fatalities Resulting from Accidents and Accidental Falls While at Work 2003 - 2012	72
Accidents in Other Places (Graphs)	77
Fatalities Resulting from Accidents and Accidental Falls in Other Places 2003 - 2012	80
Vehicular Accidents (Graphs)	91
Blood Ethanol Concentration by Weight	94
Vehicular Fatalities, Daily Incidence (Graphs)	95
Vehicular Fatalities, Daily Ethanol Incidence (Graphs)	96
Vehicular Fatalities - Age Groups - Classification of Victims (Graphs)	97
Homicides (Graphs)	129
Suicides (Graphs)	141
Natural Causes (Graphs)	153
Undetermined Manner (Graphs)	165
Investigative Unit (Graphs)	180
Pathology Case Completion Rate	184
Total Number of Radiographs 2003 - 2012	186
Total Number of Recorded Images 2003 - 2012	188
Recorded Images by Month	188
Images by Manner of Death	189
Total Number of Released Images 2003 - 2012	190
Released Images by Month	190
Drug Chemistry (Graphs)	194
Forensic DNA (Graphs)	202
Combined DNA Index System (CODIS)	203
Parentage and Identification Department (Graphs)	206
Toxicology Laboratory (Graphs)	208
Toxicology Cases Submitted by Type 2012	209
Incident of Positive Findings from All Medical Examiner's Cases	217
Incident of Positive Findings from Poisoning Fatalities	218
Substances Involved in Fatal Poisonings	219
2012 Drug Use/Abuse by Manner of Death	223
2012 Drug Use/Abuse by Manner of Death	224

	PAGE NO.
Trace Evidence Unit (Graphs)	226
Lifebanc (Graphs)	228

MAPS

— 2012 Heroin Deaths by Location of Injury	14
— 2007 - 2012 Heroin Deaths by Residence Address	15
Map 1A Distribution of Medical Examiner's Cases by City per 1,000 Population	39
Map 1B Distribution of Medical Examiner's Cases by Council District per 1,000 Population	40
Map 2A Distribution of Fatalities from Accidents in the Home by City	56
Map 2B Distribution of Fatalities from Accidents in the Home by Council District	57
Map 3A Distribution of Fatalities from Accidents in Other Places by City	78
Map 3B Distribution of Fatalities from Accidents in Other Places by Council District	79
Map 4A Distribution of Vehicular Fatalities by City	92
Map 4B Distribution of Vehicular Fatalities by Council District	93
Map 5A Distribution of Homicides by City	130
Map 5B Distribution of Homicides by Council District	131
Map 6A Distribution of Suicides by City	142
Map 6B Distribution of Suicides by Council District	143
— 2012 Distribution of Law Enforcement Training Participants by County	174

PHOTOGRAPHS

NASA Glenn Visitor Center, Great Lakes Science Center	8
Terminal Tower, Cleveland	54
Cleveland Metroparks Huntington Reservation, Bay Village	140
Steamship William G. Mather Maritime Museum, Great Lakes Science Center	152
Greater Cleveland Aquarium	164
Berea Falls Scenic Overlook	176
USS Cod Submarine Memorial	182
Cleveland Lakefront Nature Preserve	192
The Great American Rib Cook-Off and Music Festival	200
Reinberger Gallery, Western Reserve Historical Society	204



Thomas P. Gilson, M.D.

Medical Examiner

This seventy-fourth annual report of the Cuyahoga County Medical Examiner's Office has been prepared in accordance with our tradition of service to the community. This tradition reflects the dedication of the staff to provide the highest quality information to serve the general health of the citizens of Cuyahoga County through a thorough analysis of mortality and crime laboratory statistics. A complete online archive of all previous reports is expected by the end of 2013 to permit the study of both current and historical perspectives.

In 2012 the county witnessed a tragic escalation in the area of drug abuse, most specifically mortality associated with heroin. In a few short years, heroin has experienced a resurgence that is alarming. The medical examiner's office has been at the forefront of the county's response to this epidemic and this report sees the addition of information related to this ongoing problem.

Also noteworthy in 2012 was the addition of sexual assault evidence analysis to the functions performed by the Cuyahoga County Regional Forensic Science Laboratory. The assumption of this work has enabled rapid generation of results to an area of crime fighting that had been poorly served in the past. These ongoing efforts will prove beneficial to the community in terms of closure for victims and swifter justice for offenders. A summary of this work has also been added to this report.

These two examples, and many others, underline the need for a communal response to problem-solving. These tragic events have directly and indirectly touched the lives of many residents of our county and it is to these unfortunate victims of crime that we respectfully dedicate this report.



Photograph by J. Wentzel

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 Medical Examiner'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
NATURAL CAUSES
CAUSE AND ORIGIN UNDETERMINED**

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

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

The Cuyahoga County Medical Examiner's Office and the Cuyahoga County Regional Forensic Science Laboratory aspire to the highest standards of our profession. The office and laboratories have received the following accreditations at the time of publication (5/2013):



American Association of Blood Banks (AABB) - AABB advances the practice and standards of transfusion medicine and cellular therapies to optimize patient and donor care and safety. There are over 40 AABB-accredited laboratories in the U.S. that offer DNA testing to verify a stated biological relationship.



American Board of Forensic Toxicology (ABFT) - The purpose of the American Board of Forensic Toxicology is to establish and enhance voluntary standards for the practice of forensic toxicology and for the examination and recognition of scientists and laboratories providing forensic toxicology services.



Accreditation Council of Graduate Medical Education (ACGME) - The Accreditation Council for Graduate Medical Education (ACGME) is a private professional organization responsible for the accreditation of 8,887 residency education programs.



American Society of Crime Lab Directors - Laboratory Accreditation Board (ASCLD-LAB) - The American Society of Crime Laboratory Directors/Laboratory Accreditation Board has been accrediting crime laboratories since 1982 and currently accredits most of the federal, state and local crime laboratories in the United States.



FBI Quality Assurance Standards for Inclusion in the Combined DNA Index System/National DNA Index System (CODIS/NDIS) - The DNA Identification Act of 1994 requires that the FBI Laboratory ensure that all DNA laboratories that participate in the National DNA Index System (NDIS) demonstrate compliance with the standards issued by the FBI.



National Association of Medical Examiners (NAME) - The National Association of Medical Examiners (NAME) is the national professional organization of physician medical examiners, medicolegal death investigators and death investigation system administrators who perform the official duties of the medicolegal investigation of deaths of public interest in the United States.

WHAT IS A MEDICAL EXAMINER'S CASE?

In November 2009, the residents of Cuyahoga County voted to reform County Government in order to significantly improve the County's economic competitiveness. As part of the restructuring, the elected office of Coroner was abolished and replaced with a Medical Examiner, appointed by the County Executive and subject to confirmation by the Council. **Section 5.03 of Article V** of the **Charter of Cuyahoga County** defines the powers, duties, and qualifications of the Medical Examiner and states, in part, "All powers now or hereafter vested in or imposed upon county coroners by general law shall be exercised by the Medical Examiner".

Chapter 313 of the **Ohio Revised Code** contains the laws and rules specific to the office of "coroner". **Section 313.12** of the Revised Code of the State of Ohio requires the Coroner (Medical Examiner) be given notice when "...any person dies as a result of

CRIMINAL or other

VIOLENT means, by

CASUALTY, by

SUICIDE, or in any

SUSPICIOUS or **UNUSUAL** manner, when any person,

including a **CHILD UNDER TWO YEARS OF AGE** dies

SUDDENLY when in apparent health..."

Section 313.09 of the Revised Code requires the Medical Examiner to keep a complete record of all cases coming under his/her jurisdiction. Such records are public (**§ 313.10**) and the availability of these records for inspection and copying is defined in **Section 149.43**.

Section 313.11 of the Revised Code defines unlawfully disturbing a decedent while **Section 313.12** explains whose duty it is to notify the Medical Examiner of the known time, place, manner and circumstances of a reportable death.

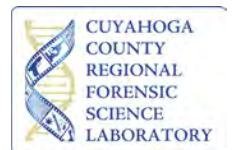
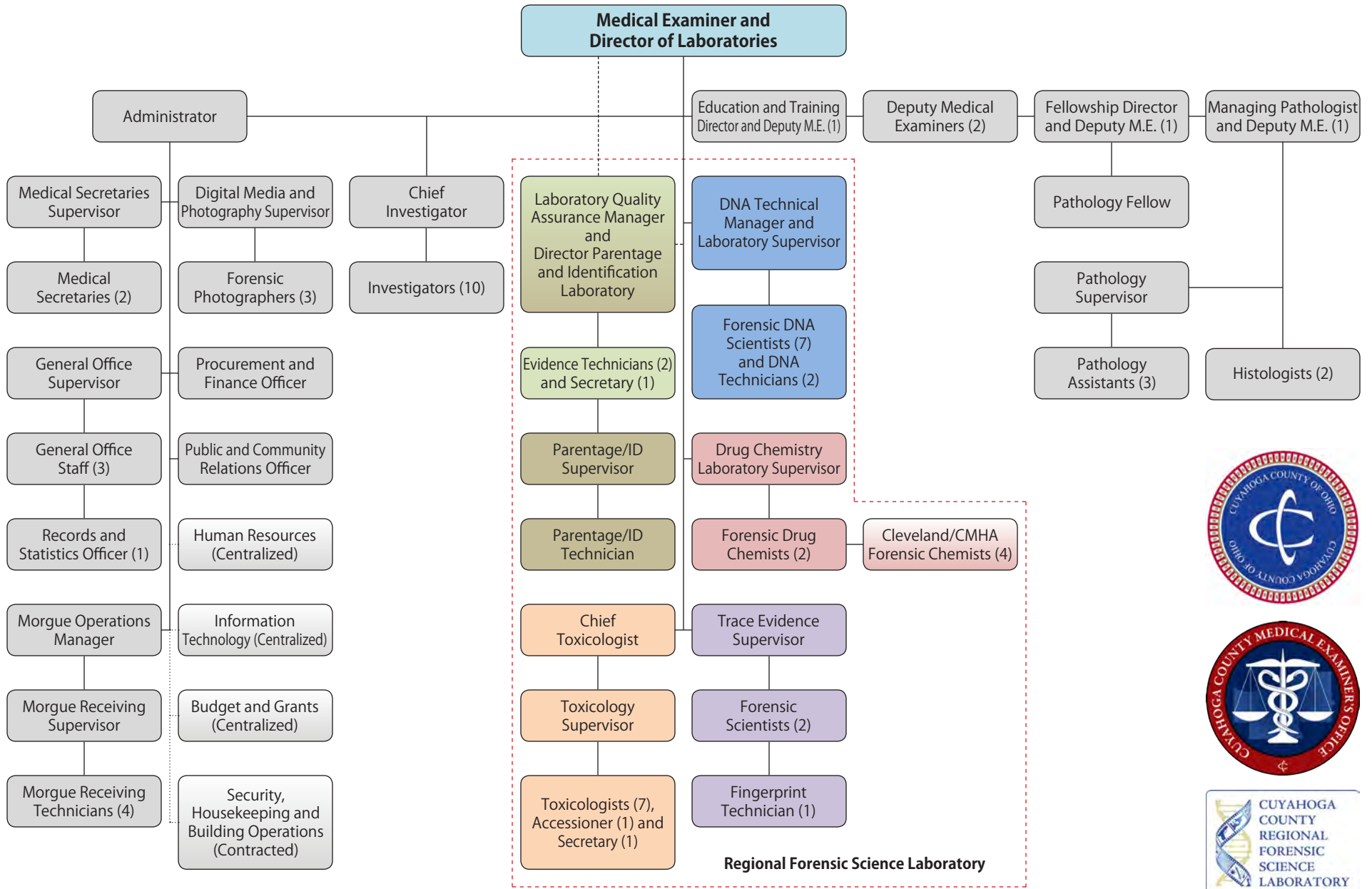
The Revised Code of the State of Ohio also outlines the role the Medical Examiner has with regard to taking charge of a dead body (**§ 313.13**), the responsibility for notifying known relatives of the decedent (**§ 313.14**), and securely storing their possessions. When firearms are included in the valuable personal effects of a deceased person, **Section 313.141** describes their disposition.

In Ohio, the Medical Examiner has considerable legal authority when investigating circumstances of death. These abilities are delineated in **Section 313.17** and the law concerning the use of a Medical Examiner's laboratory for emergency or law enforcement purposes are contained in **Section 313.21** of the Ohio Revised Code.

Coroners and Medical Examiners often work closely with public health and law enforcement officials. Protecting the well-being of the children of Cuyahoga County is a common priority. As such, **Section 307.622** defines the Medical Examiner's duty as a member of a child fatality review board. Additionally, **Section 2151.421** requires the reporting of child abuse and/or neglect by, amongst others, the Medical Examiner.

In addition to the aforementioned, there are dozens of other laws governing the Medical Examiner contained in the Revised Code of the State of Ohio. These laws vary greatly, covering subjects as diverse as DNA laboratory databases (**§109.573**), organ and tissue donation (**§313.30, 2108.26, 2108.262, 2108.263, 2108.266, 2108.267, and 2108.27**), the statement and certification of facts for vital statistics (**§3705.16, 3705.17, 3705.22, and 3705.29**), and traffic rules for the Medical Examiner's vehicles (**§4511.042, 4511.45, and 4513.171**).

THE 2013 CUYAHOGA COUNTY MEDICAL EXAMINER'S OFFICE ORGANIZATIONAL CHART



CUYAHOGA COUNTY HEROIN INITIATIVE

The **Cuyahoga County Heroin Initiative** is a broad response to a public health emergency, identified by the Cuyahoga County Medical Examiner's Office reviewing statistics of violent, suspicious and sudden and unexpected deaths, such as overdose deaths, including those due to opiates and heroin.

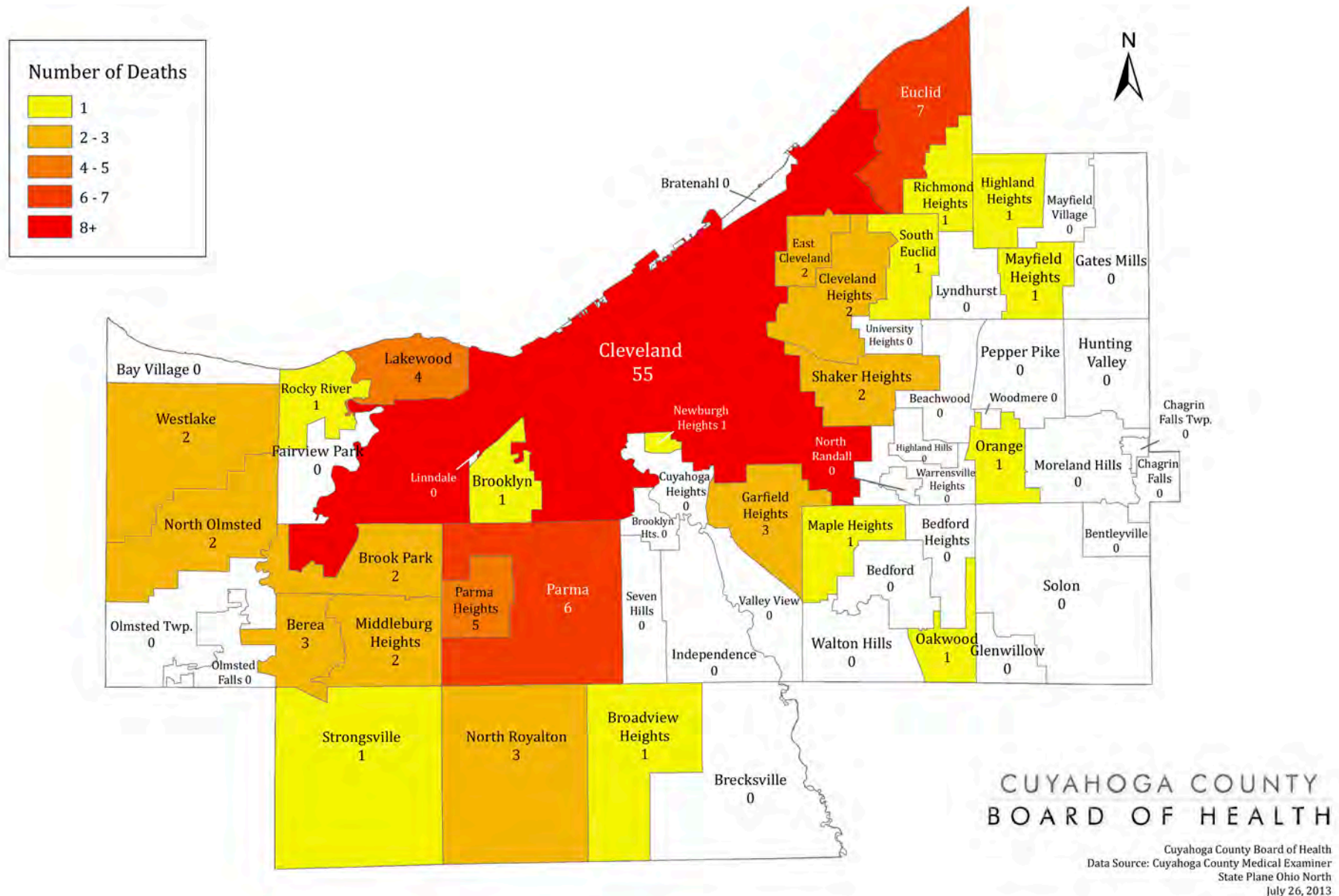


The Cuyahoga County Regional Forensic Science Laboratory supports the investigative functions of the Medical Examiner's Office performs scientific examinations in the areas of Forensic Pathology, Trace Evidence, Serology, DNA, Parentage and identification, Toxicology, Controlled Substance Analysis, and Forensic Chemistry. Such testing often results in the identifica-

tion of the cause of overdose deaths and can provide a detailed analysis of drugs found at the scene.

One specific part of the Initiative, headed by the Medical Examiner himself, is the Cuyahoga County Poison Death Review Committee. The aim of the Cuyahoga County Poison Death Review Committee, is to isolate all heroin related overdose deaths within Cuyahoga County for intensive examination. This work is being done in collaboration with the Opiate Collaborative of the Cuyahoga County Department of Health.

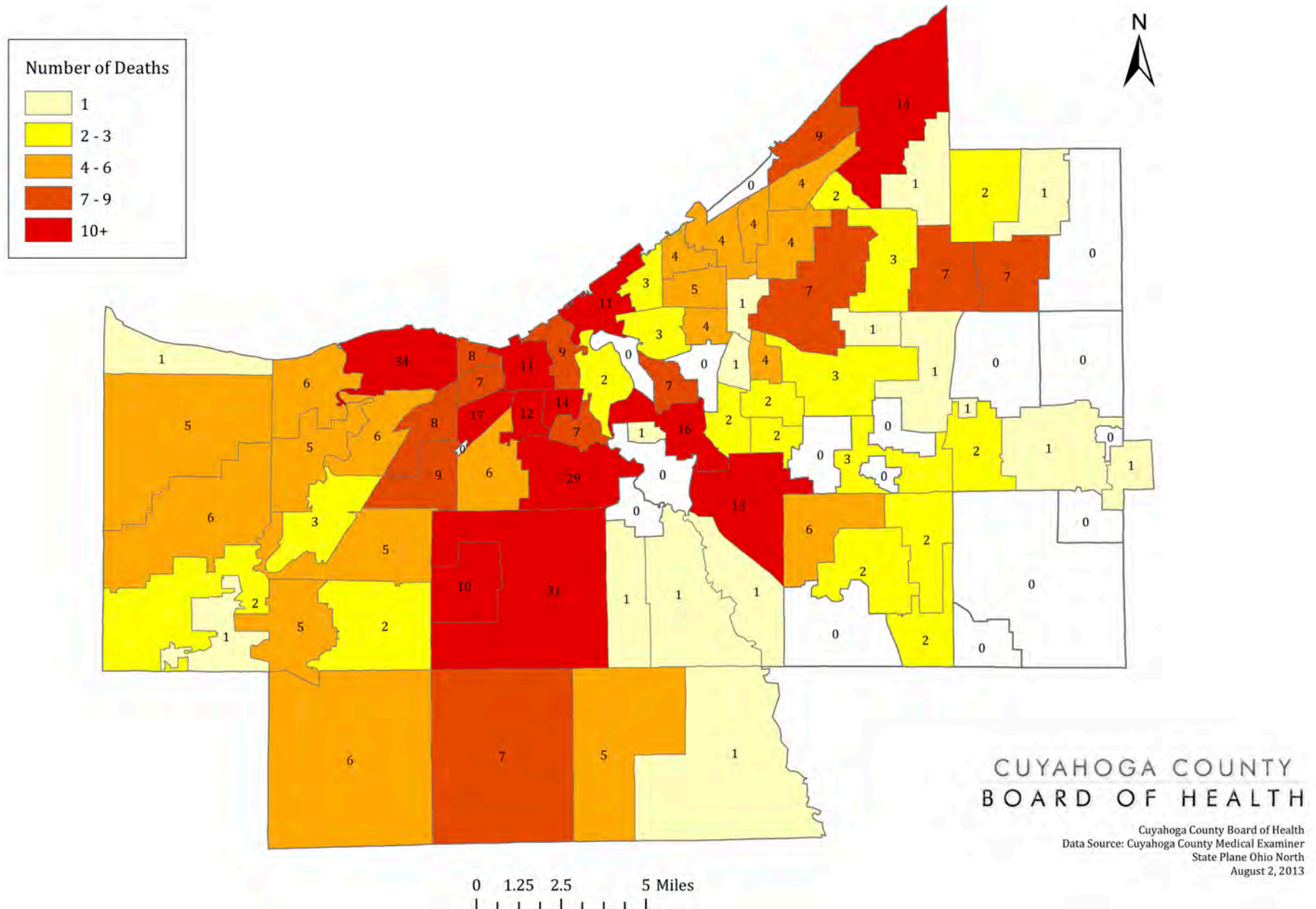
2012 HEROIN DEATHS REPORTED TO THE MEDICAL EXAMINER BY LOCATION OF INJURY*



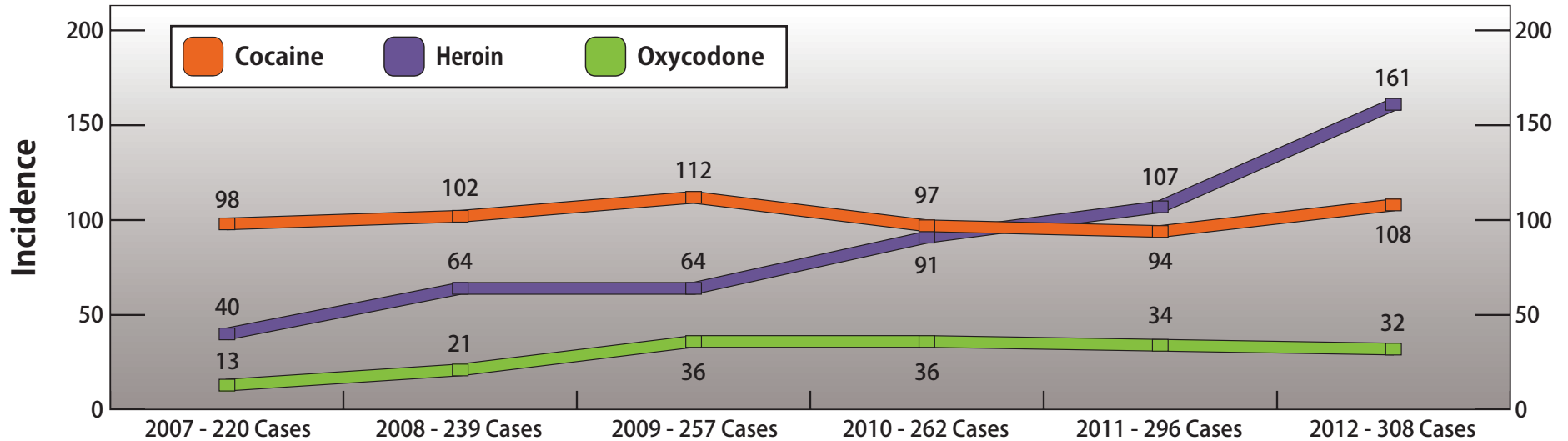
*Unknown Location = 46

CUYAHOGA COUNTY HEROIN INITIATIVE

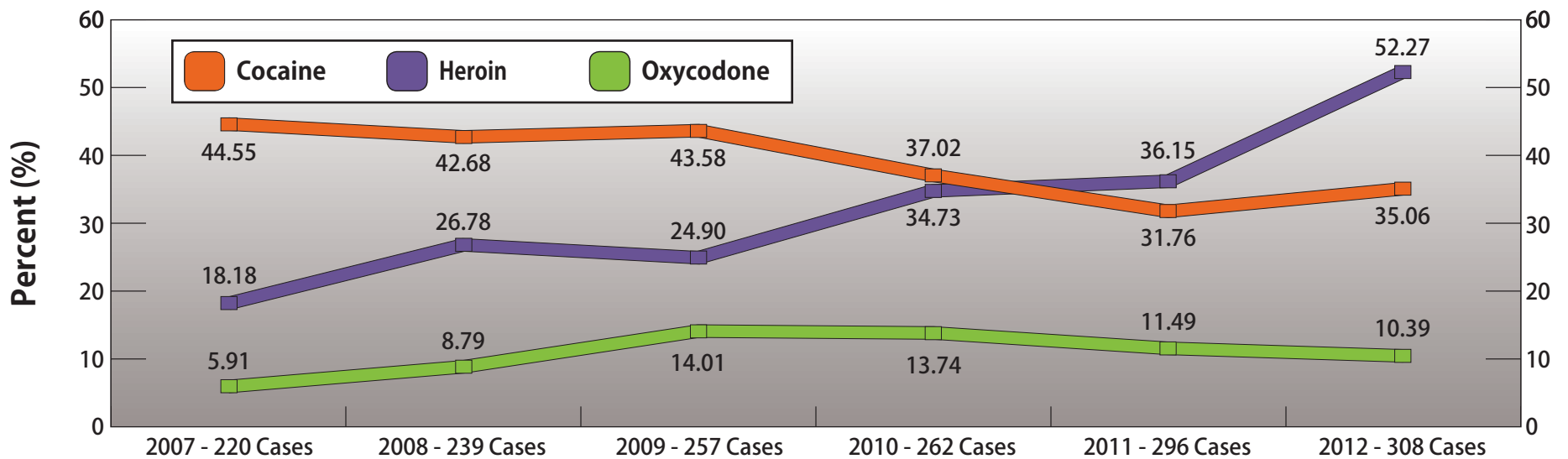
2007 - 2012 HEROIN DEATHS REPORTED TO THE MEDICAL EXAMINER BY RESIDENCE ADDRESS



2007 - 2012 COMPARISON OF MOST COMMON OVERDOSE DRUGS



2007 - 2012 COMPARISON OF MOST COMMON OVERDOSE DRUGS BY PERCENTAGE

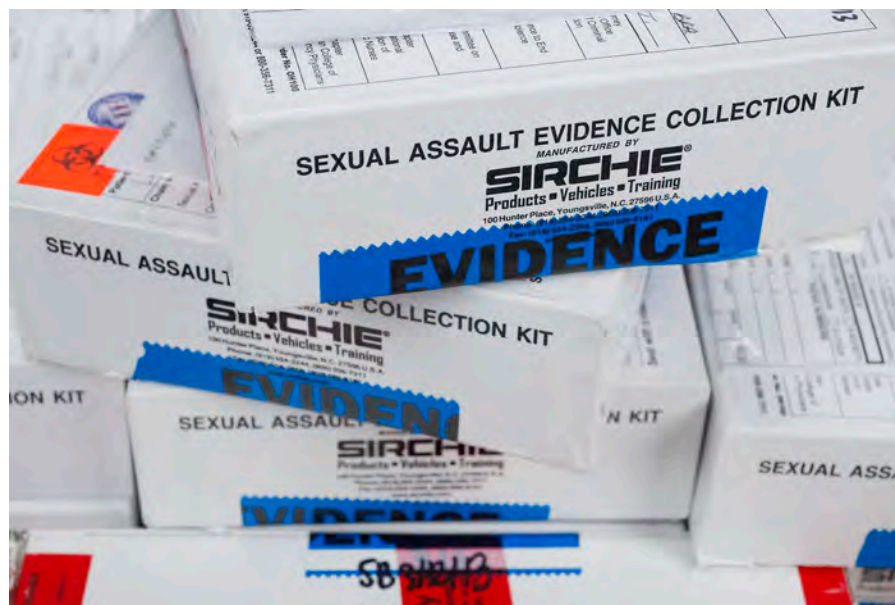


CUYAHOGA COUNTY SEXUAL ASSAULT POLICY

The **Cuyahoga County Sexual Assault Policy** is a broad agency response to the continuing problem of unsolved sexual assaults in Cuyahoga County.

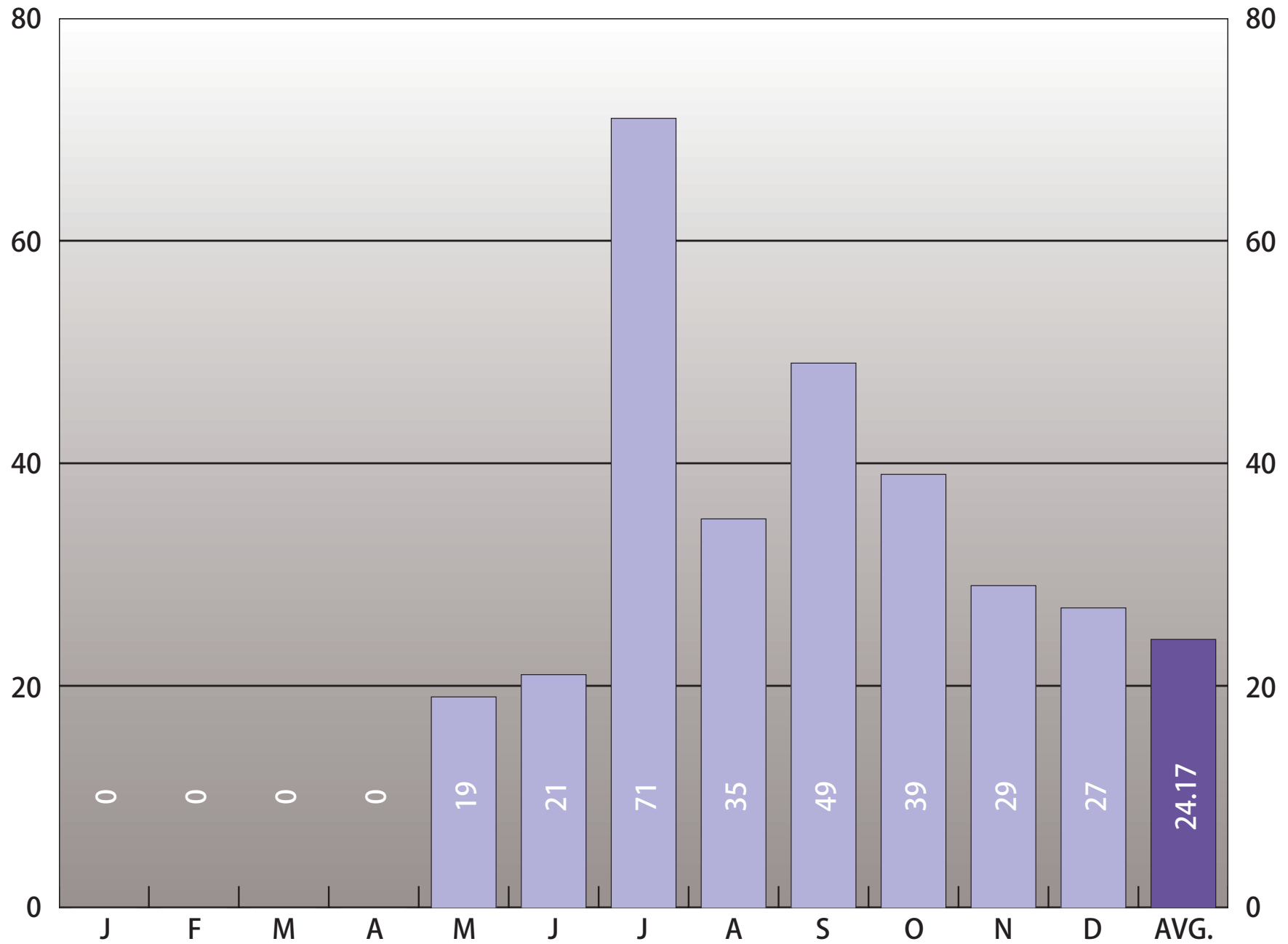
The Cuyahoga County Regional Forensic Science Laboratory of the Medical Examiner's Office performs scientific examinations in the areas of Forensic Pathology, Trace Evidence, Serology, DNA, Parentage and identification. Such testing can result in the identification of suspected perpetrators of these violent crimes by analyzing evidence found at the scene or by testing sexual assault kits administered at area hospitals for DNA.

This work is being done in collaboration with a variety of law enforcement agencies, the Cleveland Rape Crisis Center and the County Prosecutor's Office.



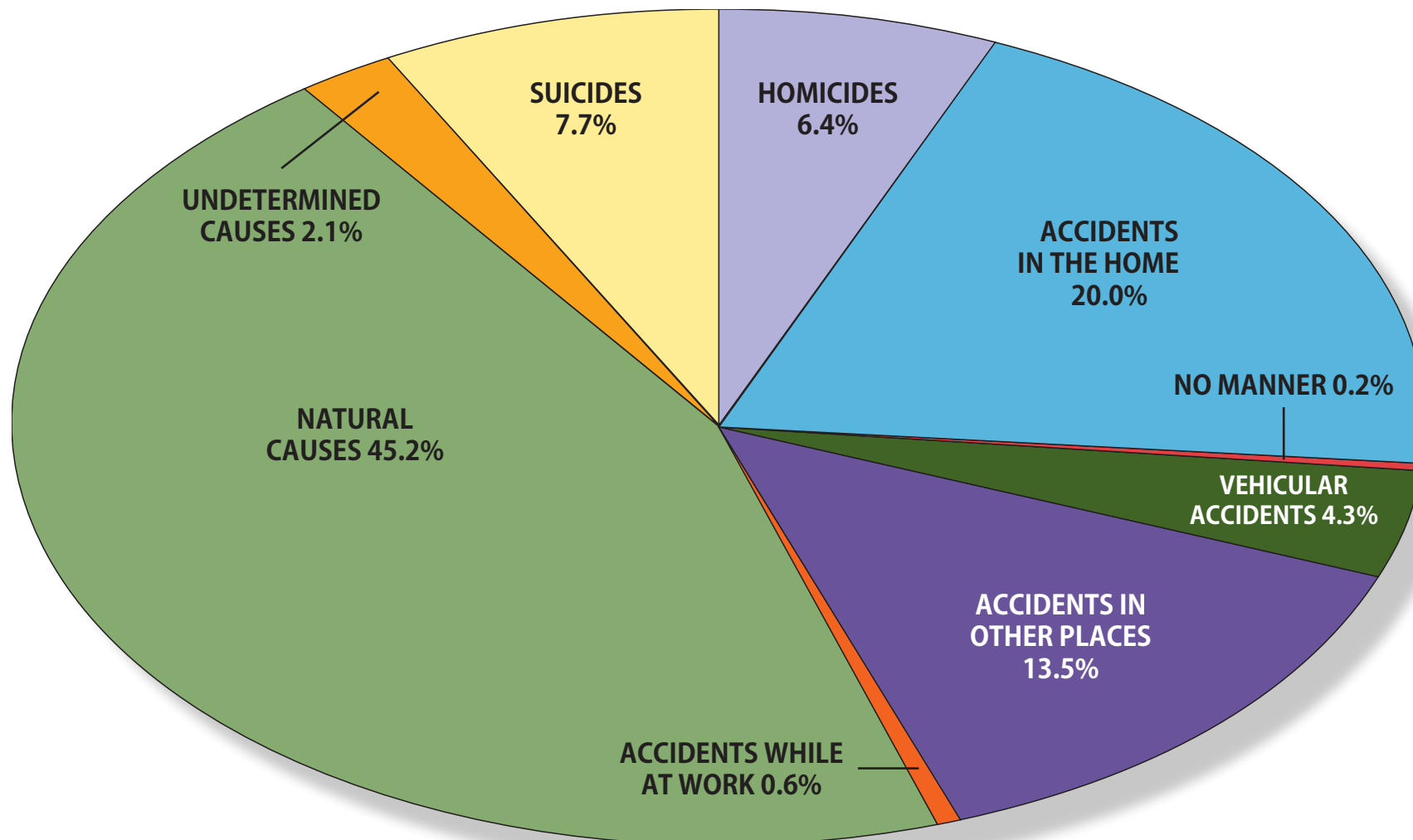
Since May 2012, the DNA lab had received 290 kits for testing, essentially doubling the current DNA caseload of the lab. This important work continues in 2013 with an additional five (5) dedicated staff of DNA analysts and biology technicians and the help of additional federal grant funding.

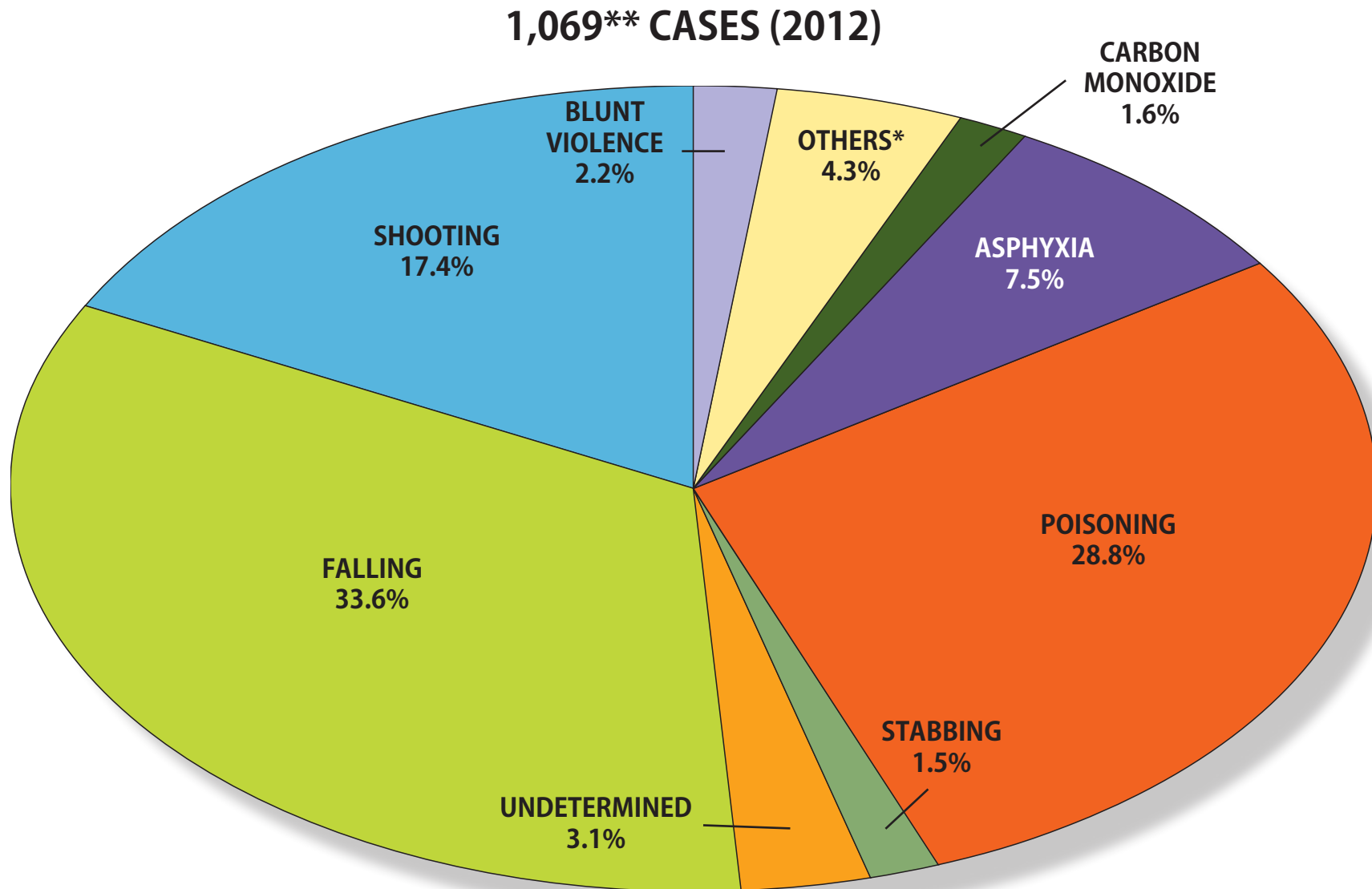
CUYAHOGA COUNTY SEXUAL ASSAULT POLICY
RAPE KITS RECEIVED BY MONTH FOR THE YEAR 2012



TYPES OF CASES RECEIVED AT THE CUYAHOGA COUNTY MEDICAL EXAMINER'S OFFICE

2,219 CASES (2012)

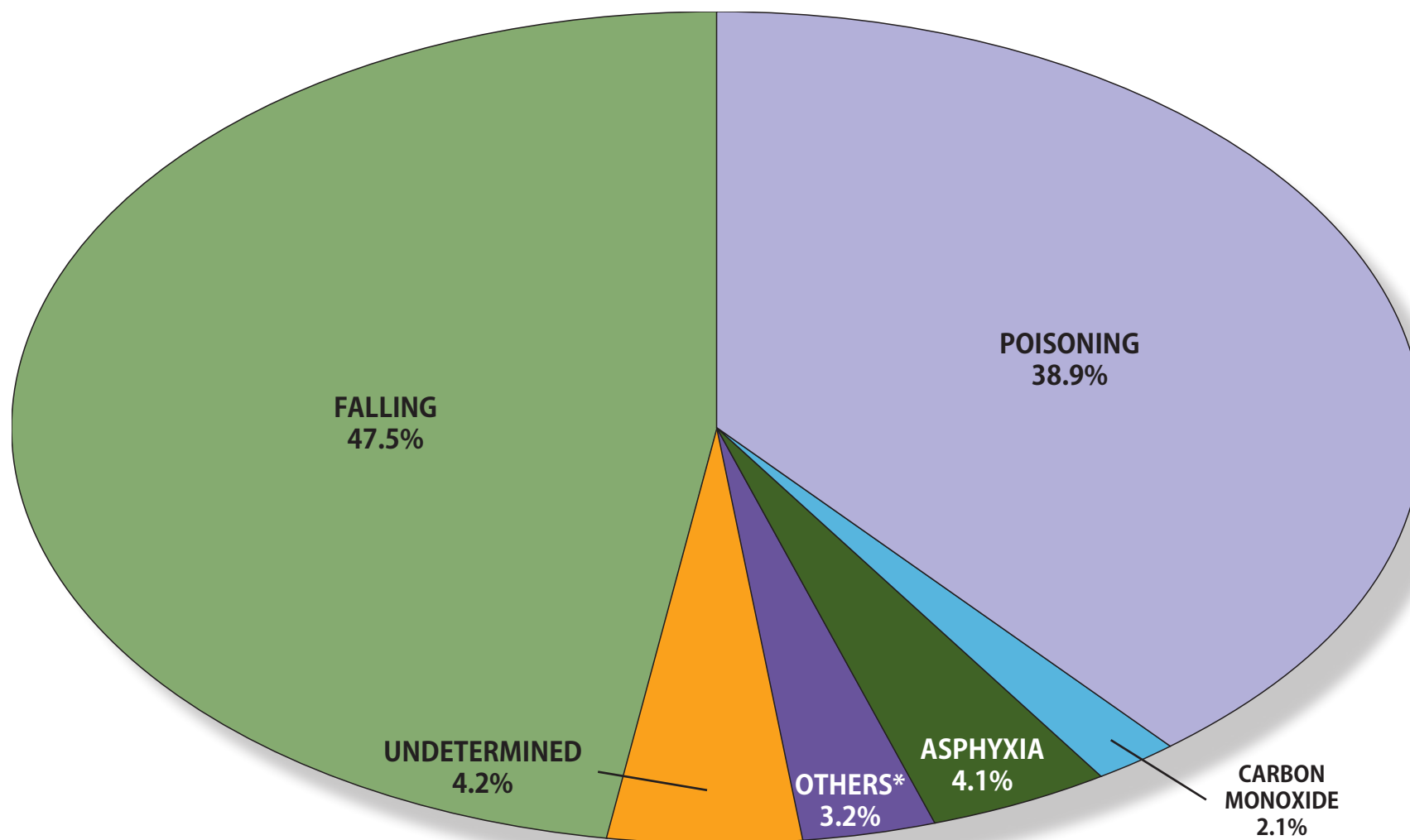




* **Others:** Burning, Crushing, Fire/Explosion, Exposure, Jumping, Miscellaneous, Strangulation, Struck by Object

** **Excluding Vehicular Accidents**

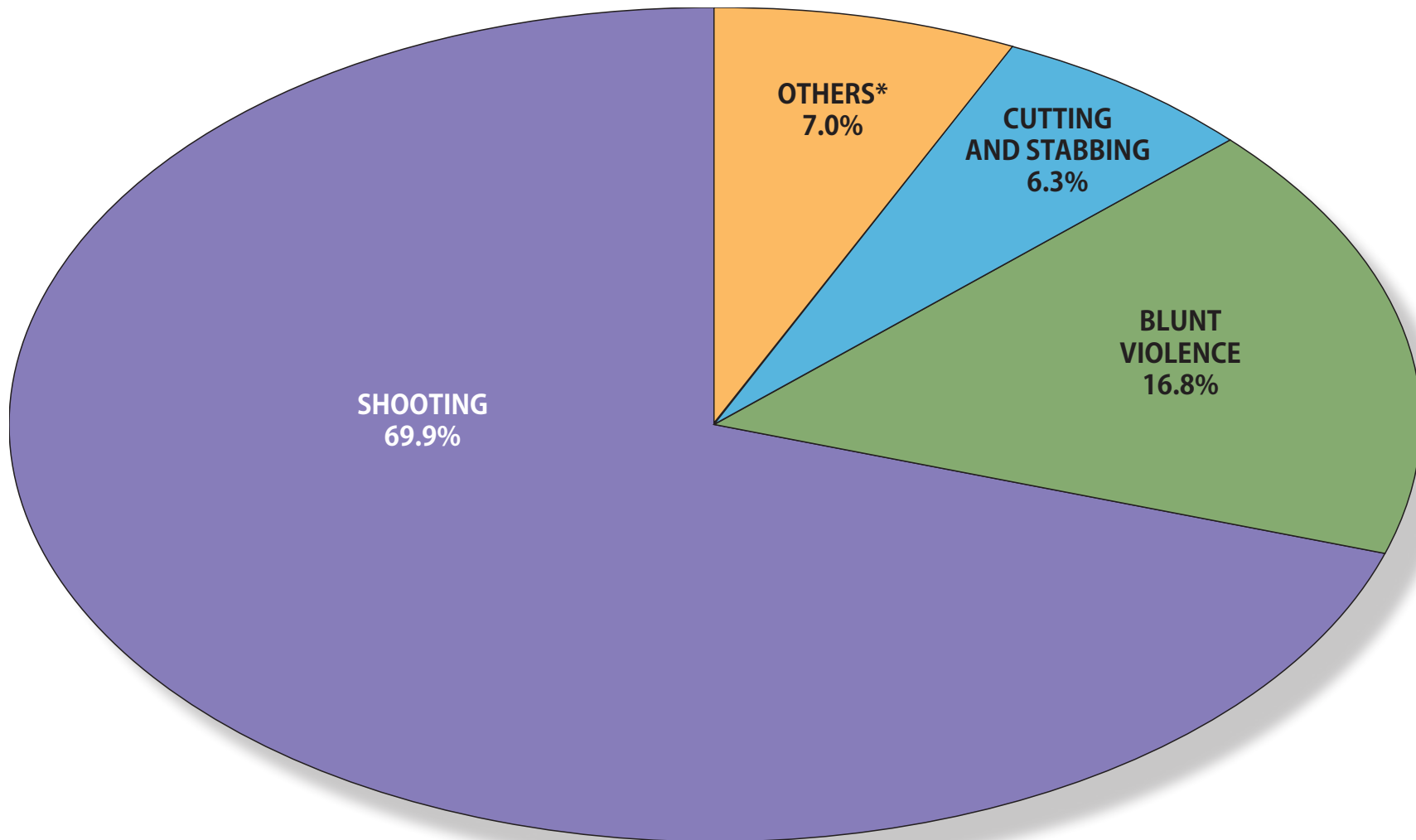
756** CASES (2012)



* **Others:** Others: Burning, Crushing, Fire/Explosion, Exposure, Miscellaneous

** **Excluding Vehicular Accidents**

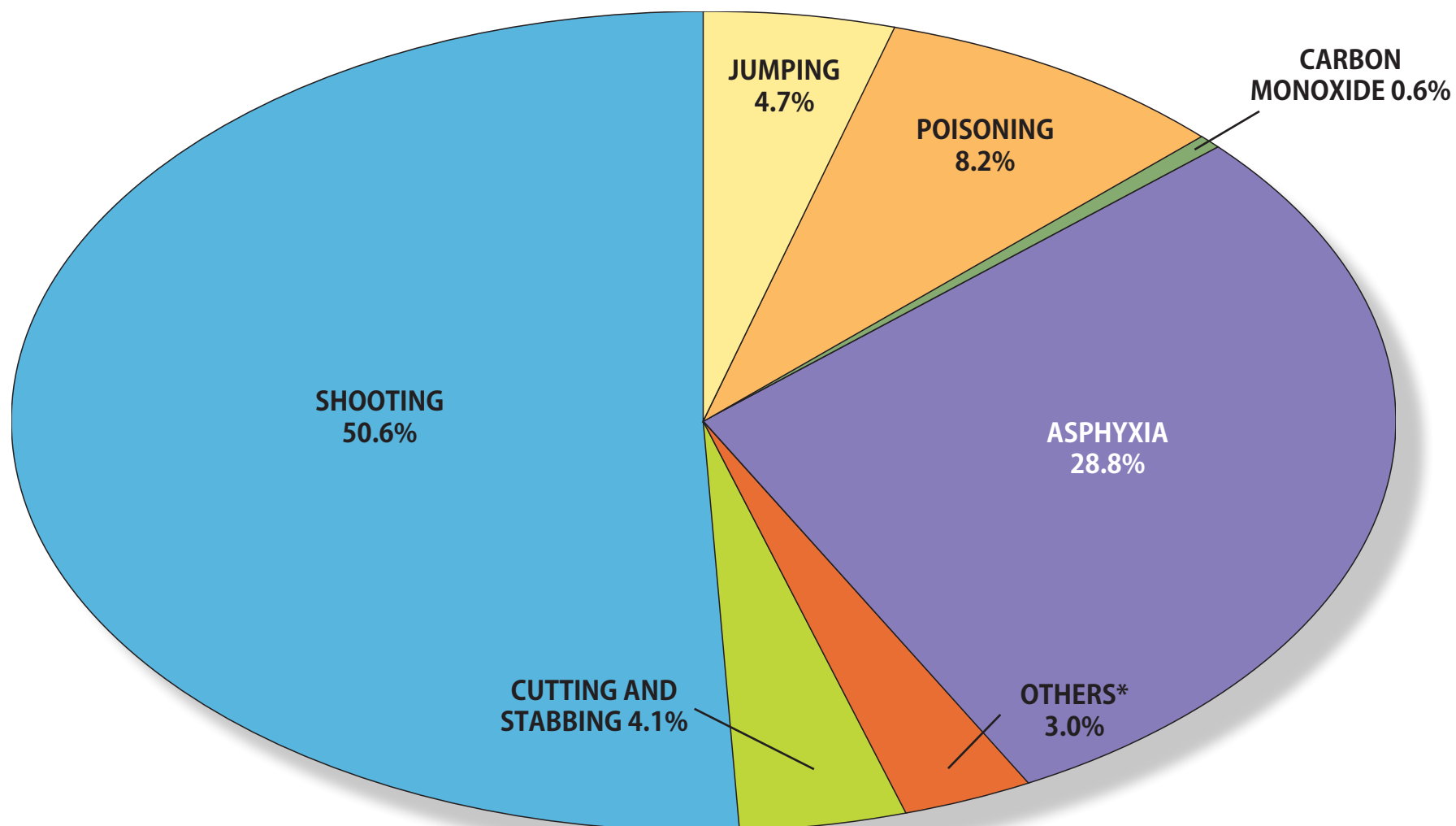
143 CASES (2012)



* **Others:** Miscellaneous, Strangulation, Undetermined

FATALITIES RESULTING FROM SUICIDES
MODE OF OCCURRENCE 2012

170 CASES (2012)



* Others: Miscellaneous, Vehicular

TABLE A

TYPES OF FATALITIES AND MISCELLANEOUS INFORMATION/2011 AND 2012

	2011	2012
Accidents in the Home	499	444
Accidents While at Work	11	13
Vehicular Accidents	103	95
Accidents in Other Places	345	299
Homicides	120	143
Suicides	161	170
Total Violent Deaths	1,239	1,164
Natural Causes	1,162	1,004
Undetermined Causes	48	47
No Manner Issued	0	4
Cases Reported - Admitted	2,449	2,219
Cases Reported - Not Admitted	3,478	3,836
Autopsies (Hospitals Included)	1,091*	1,083**
Partial Autopsies	0	0
Autopsies Performed for Other Counties	174	224
Scene Investigations	841	939
Unidentified Bodies	0	0
Unclaimed Bodies	64	83
Donated Bodies	7	15
Exhumations	0	0
Bodies Transported By/By Order of	2,449	2,219
Bodies Transported to Office	2,734	2,742
Deaths in Cuyahoga County	15,816	16,134
Percentage of Deaths Admitted	15.48%	13.75%

*Includes 17 autopsies performed at hospitals

**Includes 10 autopsies performed at hospitals

2012 TYPES OF FATALITIES - GENDER, RACE, ETHNICITY, AUTOPSY

TABLE B

				Race									
				White	Black	American Indian or Alaskan Native	Asian	Asian Indian	Native Hawaiian or Pacific Islander	Unknown			
Type of Fatality	Total	Gender									Hispanic	Autopsied Cases*	% of Total Cases
Accidents in the Home	444	241	203	362	78	0	1	2	1	0	10	210	9.46
Accidents While at Work	13	10	3	11	2	0	0	0	0	0	2	11	0.50
Vehicular Accidents	95	66	29	74	21	0	0	0	0	0	3	53	2.39
Accidents in Other Places	299	164	135	243	55	1	0	0	0	0	3	106	4.78
Homicides	143	108	35	31	112	0	0	0	0	0	2	143	6.44
Suicides	170	137	33	139	28	0	1	2	0	0	6	156	7.03
Natural Causes	1,004	650	354	644	354	1	4	1	0	0	7	361	16.27
Undetermined Causes	47	31	16	27	19	0	1	0	0	0	1	39	1.76
No Manner Issued**	4	2	1	2	1	0	0	0	0	1	0	4	0.18
Total	2,219	1,409	809	1,533	670	2	7	5	1	1	34	1,083	48.81

* Includes 10 autopsies performed at hospitals

** 1 case unknown gender, race, etc.

TABLE C

TYPES OF FATALITIES - 2011 AND 2012 INCIDENCE COMPARED

	Percentage of Total Cases Admitted	
	2011	2012
Accidents in the Home	20.4	20.0
Accidents While at Work	0.4	0.6
Vehicular Accidents	4.2	4.3
Accidents in Other Places	14.1	13.5
Homicides	4.9	6.4
Suicides	6.6	7.7
Total Violent Deaths	50.6	52.5
Natural Causes	47.4	45.2
Undetermined Causes	2.0	2.1
No Manner Issued	0.0	0.2

	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	444	239	53.83	83	34.73
Accidents While at Work	13	8	61.54	0	0.00
Vehicular Accidents	95	63	66.32	26	41.27
Accidents in Other Places	299	124	41.47	35	28.23
Homicides	143	137	95.80	46	33.58
Suicides	170	142	83.53	44	30.99
Total of Violent Deaths	1,164	713	61.25	234	32.82
Natural Causes	1,004	560	55.78	131	23.39
Undetermined Causes	47	38	80.85	5	13.16
No Manner Issued	4	1	25.00	0	0.00

TABLE E

2012 VEHICULAR FATALITIES/DAILY ETHANOL INCIDENCE

	Motorcyclist* (1)		Driver (2)		Passenger (3)		Pedestrian (4)		Total	
	Number of Cases		Number of Cases		Number of Cases		Number of Cases		Number of Cases	
Day	Tested	Positive	Tested	Positive	Tested	Positive	Tested	Positive	Tested	Positive
Sunday	4	2	6	3	2	0	5	1	17	6
Monday	2	2	5	1	1	0	0	0	8	3
Tuesday	0	0	5	2	1	0	0	0	6	2
Wednesday	0	0	4	1	0	0	0	0	4	1
Thursday	0	0	3	1	2	1	2	1	7	3
Friday	0	0	6	4	0	0	5	2	11	6
Saturday	1	0	7	4	0	0	1	1	9	5
Total	7	4	36	16	6	1	13	5	62	26

2012 SUMMARY CHART - CUYAHOGA COUNTY

DISTRIBUTION OF SELECTED MEDICAL EXAMINER'S CASES IN EACH MUNICIPALITY*

TABLE F

Cities	Total Inside Cases		Natural Causes		Home, Work and Other Fatalities		Vehicular Fatalities		Homicides		Suicides		Undetermined Causes		No Manner	
	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	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases
Cleveland	1122	50.56	466	21.00	373	16.81	65	2.93	117	5.27	68	3.06	29	1.31	4	0.18
Bay Village	12	0.54	6	0.27	2	0.09	0	0.00	0	0.00	2	0.09	2	0.09	0	0.00
Beachwood	29	1.31	11	0.50	14	0.63	1	0.05	3	0.14	0	0.00	0	0.00	0	0.00
Bedford	31	1.40	20	0.90	6	0.27	0	0.00	0	0.00	4	0.18	1	0.05	0	0.00
Bedford Heights	14	0.63	10	0.45	3	0.14	1	0.05	0	0.00	0	0.00	0	0.00	0	0.00
Berea	9	0.41	4	0.18	3	0.14	0	0.00	0	0.00	2	0.09	0	0.00	0	0.00
Brecksville	8	0.36	2	0.09	3	0.14	0	0.00	0	0.00	2	0.09	1	0.05	0	0.00
Broadview Heights	12	0.54	10	0.45	1	0.05	0	0.00	0	0.00	1	0.05	0	0.00	0	0.00
Brooklyn	10	0.45	3	0.14	2	0.09	0	0.00	3	0.14	2	0.09	0	0.00	0	0.00
Brook Park	19	0.86	9	0.41	6	0.27	0	0.00	0	0.00	4	0.18	0	0.00	0	0.00
Cleveland Heights	30	1.35	18	0.81	7	0.32	0	0.00	0	0.00	5	0.23	0	0.00	0	0.00
East Cleveland	20	0.90	7	0.32	5	0.23	0	0.00	4	0.18	3	0.14	1	0.05	0	0.00
Euclid	90	4.06	53	2.39	26	1.17	2	0.09	2	0.09	6	0.27	1	0.05	0	0.00
Fairview Park	15	0.68	9	0.41	1	0.05	0	0.00	0	0.00	4	0.18	1	0.05	0	0.00
Garfield Heights	72	3.24	41	1.87	20	0.90	1	0.05	6	0.27	4	0.18	0	0.00	0	0.00
Highland Heights	3	0.14	0	0.00	2	0.09	0	0.00	0	0.00	1	0.05	0	0.00	0	0.00
Independence	5	0.23	4	0.18	1	0.05	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Lakewood	72	3.24	37	1.67	26	1.17	2	0.09	1	0.05	5	0.23	1	0.05	0	0.00
Lyndhurst	6	0.27	2	0.09	3	0.14	0	0.00	0	0.00	1	0.05	0	0.00	0	0.00
Maple Heights	12	0.54	9	0.41	3	0.14	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Mayfield Heights	64	2.88	24	1.08	30	1.35	5	0.23	0	0.00	4	0.18	1	0.05	0	0.00
Middleburg Heights	59	2.66	32	1.44	16	0.72	2	0.09	0	0.00	6	0.27	3	0.14	0	0.00
North Olmsted	25	1.13	13	0.59	11	0.50	0	0.00	0	0.00	1	0.05	0	0.00	0	0.00
North Royalton	20	0.90	9	0.41	4	0.18	0	0.00	0	0.00	7	0.32	0	0.00	0	0.00
Olmsted Falls	6	0.27	0	0.00	3	0.14	1	0.05	0	0.00	2	0.09	0	0.00	0	0.00
Parma	139	6.26	62	2.79	60	2.70	6	0.27	0	0.00	10	0.45	1	0.05	0	0.00
Parma Heights	18	0.81	11	0.50	6	0.27	0	0.00	0	0.00	1	0.05	0	0.00	0	0.00
Pepper Pike	1	0.05	0	0.00	1	0.05	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Richmond Heights	14	0.63	5	0.23	9	0.41	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Rocky River	16	0.72	6	0.27	5	0.23	1	0.05	0	0.00	4	0.18	0	0.00	0	0.00
Seven Hills	9	0.41	6	0.27	3	0.14	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Shaker Heights	20	0.90	10	0.45	6	0.27	1	0.05	1	0.05	2	0.09	0	0.00	0	0.00
Solon	20	0.90	11	0.50	8	0.36	0	0.00	0	0.00	1	0.05	0	0.00	0	0.00
South Euclid	11	0.50	7	0.32	2	0.09	0	0.00	2	0.09	0	0.00	0	0.00	0	0.00
Strongsville	30	1.35	10	0.45	16	0.72	0	0.00	0	0.00	3	0.14	1	0.05	0	0.00
University Heights	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Warrensville Heights	44	1.98	27	1.22	10	0.45	2	0.09	2	0.09	3	0.14	0	0.00	0	0.00
Westlake	81	3.65	30	1.35	41	1.85	3	0.14	0	0.00	5	0.23	2	0.09	0	0.00

*Summary by place of death.

TABLE F

DISTRIBUTION OF SELECTED MEDICAL EXAMINER'S CASES IN EACH MUNICIPALITY*

Villages and Townships	Total Inside Cases		Natural Causes		Home, Work and Other Fatalities		Vehicular Fatalities		Homicides		Suicides		Undetermined Causes		No Manner	
	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	Number of Cases	Percentage of Cases	Number of Cases	Percentage of Cases
VILLAGES																
Bratenahl	1	0.05	0	0.00	1	0.05	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Brooklyn Heights	1	0.05	1	0.05	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Cuyahoga Heights	1	0.05	0	0.00	0	0.00	0	0.00	0	0.00	1	0.05	0	0.00	0	0.00
Mayfield	3	0.14	1	0.05	1	0.05	0	0.00	0	0.00	1	0.05	0	0.00	0	0.00
Moreland Hills	1	0.05	0	0.00	0	0.00	0	0.00	0	0.00	1	0.05	0	0.00	0	0.00
Newburgh Heights	3	0.14	2	0.09	1	0.05	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
North Randall	2	0.09	1	0.05	0	0.00	0	0.00	0	0.00	1	0.05	0	0.00	0	0.00
Oakwood	9	0.41	4	0.18	3	0.14	1	0.05	1	0.05	0	0.00	0	0.00	0	0.00
Valley View	3	0.14	0	0.00	0	0.00	0	0.00	0	0.00	3	0.14	0	0.00	0	0.00
Walton Hills	3	0.14	2	0.09	1	0.05	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
TOWNSHIPS																
Chagrin Falls	6	0.27	2	0.09	3	0.14	0	0.00	0	0.00	0	0.00	1	0.05	0	0.00
Olmsted	18	0.81	7	0.32	8	0.36	1	0.05	1	0.05	0	0.00	1	0.05	0	0.00

*Summary by place of death.

*Summary by place of death.

DEATHS IN COUNTY, DEATHS REPORTED TO MEDICAL EXAMINER/CASES RECEIVED 1940 - 2012

TABLE G

County Population 1940: 1,217,250				
Deaths in County	Total Deaths Reported to Medical Examiner's Office	Percent of Deaths in County	Cases Admitted to Medical Examiner's Office	Percent of Deaths in County
1940: 11,193	N.A.	-	1,184	10.6%
1941: 12,582	N.A.	-	1,392	11.1%
1942: 12,868	N.A.	-	1,385	10.8%
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	22.1%	1,588	12.2%
1947: 13,946	3,120	22.4%	1,904	13.7%
1948: 13,695	3,203	23.4%	1,924	14.0%
1949: 13,837	3,849	27.8%	2,012	14.5%
County Population 1950: 1,389,532				
Deaths in County	Total Deaths Reported to Medical Examiner's Office	Percent of Deaths in County	Cases Admitted to Medical Examiner's Office	Percent of Deaths in County
1950: 13,769	3,431	24.9%	2,218	16.1%
1951: 14,156	3,496	24.7%	2,213	15.6%
1952: 14,727	3,477	23.6%	2,183	14.8%
1953: 14,896	3,646	24.5%	2,392	16.1%
1954: 14,607	3,851	26.4%	2,767	18.9%
1955: 14,751	4,085	27.7%	2,945	19.9%
1956: 15,389	4,651	30.2%	3,259	21.2%
1957: 16,063	4,634	28.8%	3,274	20.4%
1958: 15,919	4,963	31.2%	3,602	22.6%
1959: 16,088	4,328	26.9%	3,626	22.5%
County Population 1960: 1,647,895				
Deaths in County	Total Deaths Reported to Medical Examiner's Office	Percent of Deaths in County	Cases Admitted to Medical Examiner's Office	Percent of Deaths in County
1960: 16,425	5,159	31.4%	3,513	21.4%
1961: 16,144	5,019	31.1%	3,622	22.4%
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%

TABLE G

DEATHS IN COUNTY, DEATHS REPORTED TO MEDICAL EXAMINER/CASES RECEIVED 1940 - 2012

County Population 1970: 1,721,300				
Deaths in County	Total Deaths Reported to Medical Examiner's Office	Percent of Deaths in County	Cases Admitted to Medical Examiner's Office	Percent of Deaths in County
1970: 17,305	5,125	29.6%	4,314	24.9%
1971: 16,834	5,183	30.8%	4,246	25.2%
1972: 17,267	5,602	32.4%	4,384	25.4%
1973: 17,234	4,908	28.5%	4,321	25.1%
1974: 16,948	5,118	30.2%	4,228	25.0%
1975: 16,013	4,795	29.9%	4,005	25.0%
1976: 16,252	4,630	28.5%	4,085	25.1%
1977: 16,124	4,831	29.9%	4,185	25.9%
1978: 16,562	4,472	27.0%	3,669	22.2%
1979: 16,359	4,847	29.6%	3,782	23.1%
County Population 1980: 1,498,400				
Deaths in County	Total Deaths Reported to Medical Examiner's Office	Percent of Deaths in County	Cases Admitted to Medical Examiner's Office	Percent of Deaths in County
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: 15,502	5,341	34.5%	2,713	17.5%
1988: 15,667	5,579	35.6%	2,737	17.5%
1989: 15,407	5,708	37.0%	3,028	19.7%
County Population 1990: 1,412,140				
Deaths in County	Total Deaths Reported to Medical Examiner's Office	Percent of Deaths in County	Cases Admitted to Medical Examiner's Office	Percent of Deaths in County
1990: 15,400	5,929	38.5%	3,079	20.0%
1991: 15,245	5,977	39.2%	3,118	20.5%
1992: 14,899	5,665	38.0%	2,903	19.5%
1993: 15,458	5,717	36.9%	3,121	20.2%
1994: 15,518	5,808	37.4%	3,008	19.4%
1995: 15,738	5,878	37.3%	3,157	20.1%
1996: 15,176	5,583	36.8%	2,768	18.2%
1997: 15,209	5,575	36.7%	2,744	18.0%
1998: 14,919	5,367	35.9%	3,096	20.8%
1999: 14,992	5,508	36.7%	3,594	23.9%

DEATHS IN COUNTY, DEATHS REPORTED TO MEDICAL EXAMINER/CASES RECEIVED 1940 - 2012

TABLE G

County Population 2000: 1,393,978				
Deaths in County	Total Deaths Reported to Medical Examiner's Office	Percent of Deaths in County	Cases Admitted to Medical Examiner's Office	Percent of Deaths in County
2000: 15,296	5,592	36.6%	3,813	24.9%
2001: 15,313	5,753	37.6%	3,892	25.4%
2002: 15,177	5,447	35.9%	3,671	24.2%
2003: 14,671	5,209	35.5%	3,543	24.2%
2004: 14,668	5,305	36.2%	3,678	25.1%
2005: 14,616	5,287	36.2%	3,519	24.1%
2006: 13,954	5,307	38.0%	3,564	25.5%
2007: 13,756	5,296	38.5%	3,476	25.3%
2008: 14,002	5,923	42.3%	3,274	23.4%
2009: 14,082	5,885	41.8%	2,652	18.8%
County Population 2010: 1,280,122				
Deaths in County	Total Deaths Reported to Medical Examiner's Office	Percent of Deaths in County	Cases Admitted to Medical Examiner's Office	Percent of Deaths in County
2010: 15,729	5,934	37.7%	2,451	15.6%
2011: 15,816	5,927	37.5%	2,449	15.5%
2012: 16,134	6,055	37.5%	2,219	13.8%

TABLE H

TYPES OF FATALITIES SUMMARY 1940 - 2012

County Population 1940: 1,217,250										
Year	Totals					Violent Deaths				
	Total Cases	Total Natural	Total Violent	% Natural	% Violent	Homicide	Suicide	Accident	Vehicular*	V.U.O.
1940	1,184	528	656	44.59	55.41	63	200	376	195	17
1941	1,392	662	730	47.56	52.44	54	167	492	249	17
1942	1,385	670	715	48.38	51.62	84	156	471	214	4
1943	1,434	802	632	55.93	44.07	66	137	422	179	7
1944	1,420	813	607	57.25	42.75	58	122	405	177	22
1945	1,478	812	666	54.94	45.06	70	148	442	167	6
1946	1,588	816	772	51.39	48.61	86	151	519	213	16
1947	1,904	1,136	768	59.66	40.34	90	184	472	201	22
1948	1,924	1,188	736	61.75	38.25	97	168	449	166	22
1949	2,012	1,262	750	62.72	37.28	95	167	471	163	17

County Population 1950: 1,389,532										
Year	Totals					Violent Deaths				
	Total Cases	Total Natural	Total Violent	% Natural	% Violent	Homicide	Suicide	Accident	Vehicular*	V.U.O.
1950	2,218	1,528	690	68.89	31.11	83	142	453	159	12
1951	2,213	1,512	701	68.32	31.68	91	128	474	171	8
1952	2,183	1,421	762	65.09	34.91	106	139	507	205	10
1953	2,392	1,549	843	64.76	35.24	98	141	599	224	5
1954	2,767	1,939	828	70.08	29.92	93	165	554	177	16
1955	2,945	2,105	840	71.48	28.52	82	184	572	173	2
1956	3,259	2,269	990	69.62	30.38	128	170	686	199	6
1957	3,274	2,304	970	70.37	29.63	96	151	717	199	6
1958	3,602	2,624	978	72.85	27.15	95	161	716	174	6
1959	3,626	2,607	1,019	71.90	28.10	94	161	750	179	14

County Population 1960: 1,647,895										
Year	Totals					Violent Deaths				
	Total Cases	Total Natural	Total Violent	% Natural	% Violent	Homicide	Suicide	Accident	Vehicular*	V.U.O.
1960	3,513	2,438	1,075	69.40	30.60	102	186	768	182	19
1961	3,662	2,689	973	73.43	26.57	100	157	702	165	14
1962	3,883	2,935	948	75.59	24.41	74	180	676	142	18
1963	4,083	3,033	1,050	74.28	25.72	114	169	757	160	10
1964	4,037	2,979	1,058	73.79	26.21	137	192	711	169	18
1965	4,012	2,889	1,123	72.01	27.99	129	198	785	228	11
1966	4,136	2,953	1,183	71.40	28.60	166	197	805	236	15
1967	4,141	2,900	1,241	70.03	29.97	185	189	847	242	20
1968	4,455	3,109	1,346	69.79	30.21	210	214	887	264	35
1969	4,436	2,968	1,468	66.91	33.09	317	188	931	313	32

TYPES OF FATALITIES SUMMARY 1940 - 2012

TABLE H

County Population 1970: 1,721,300										
Year	Totals					Violent Deaths				
	Total Cases	Total Natural	Total Violent	% Natural	% Violent	Homicide	Suicide	Accident	Vehicular*	V.U.O.
1970	4,314	2,871	1,443	66.55	33.45	310	223	888	274	22
1971	4,246	2,825	1,421	66.53	33.47	324	202	869	229	26
1972	4,384	2,909	1,475	66.35	33.65	363	218	873	270	21
1973	4,321	2,780	1,541	64.34	35.66	327	259	930	253	25
1974	4,228	2,748	1,480	65.00	35.00	362	233	856	211	29
1975	4,005	2,583	1,422	64.49	35.51	351	218	834	214	19
1976	4,085	2,732	1,353	66.88	33.12	305	248	771	243	29
1977	4,185	2,826	1,359	67.53	32.47	300	251	785	229	23
1978	3,669	2,439	1,230	66.48	33.52	268	222	727	220	13
1979	3,782	2,371	1,411	62.69	37.31	325	276	791	261	19
County Population 1980: 1,498,400										
Year	Totals					Violent Deaths				
	Total Cases	Total Natural	Total Violent	% Natural	% Violent	Homicide	Suicide	Accident	Vehicular*	V.U.O.
1980	3,504	2,258	1,282	63.79	36.21	314	237	713	227	18
1981	3,147	1,930	1,217	61.33	38.67	269	238	694	223	16
1982	2,840	1,750	1,090	61.62	38.38	251	228	599	179	12
1983	2,957	1,883	1,074	63.68	36.32	196	191	673	212	14
1984	2,922	1,829	1,093	62.59	37.41	202	208	667	217	16
1985	2,782	1,748	1,034	62.83	37.14	188	220	608	201	18
1986	2,707	1,697	1,010	62.69	37.31	169	183	629	186	29
1987	2,713	1,679	1,034	61.89	38.11	183	187	643	181	21
1988	2,737	1,705	1,032	62.29	37.71	189	153	682	177	8
1989	3,028	1,824	1,204	60.24	39.76	188	183	820	176	13
County Population 1990: 1,412,140										
Year	Totals					Violent Deaths				
	Total Cases	Total Natural	Total Violent	% Natural	% Violent	Homicide	Suicide	Accident	Vehicular*	V.U.O.
1990	3,079	1,801	1,278	58.49	41.51	221	164	877	203	16
1991	3,118	1,833	1,285	58.79	41.21	236	184	845	182	20
1992	2,903	1,675	1,228	57.70	42.30	221	181	814	149	12
1993	3,121	1,729	1,363	56.33	43.67	218	183	949	143	13
1994	3,008	1,770	1,238	58.84	41.16	179	166	875	134	18
1995	3,157	1,751	1,406	55.46	44.54	166	195	1023	160	22
1996	2,768	1,562	1,206	56.43	43.57	144	151	890	152	21
1997	2,744	1,476	1,268	53.79	46.21	120	148	963	171	37
1998	3,096	1,861	1,235	60.11	39.89	123	148	942	154	22
1999	3,594	2,323	1,271	64.64	35.36	106	147	1005	151	13

TABLE H

TYPES OF FATALITIES SUMMARY 1940 - 2012

County Population 2000: 1,393,978										
Year	Totals					Violent Deaths				
	Total Cases	Total Natural	Total Violent	% Natural	% Violent	Homicide	Suicide	Accident	Vehicular*	V.U.O.
2000	3,813	2,479	1,334	65.01	34.99	100	147	1,078	157	9
2001	3,892	2,469	1,423	63.44	35.56	110	179	1,115	127	19
2002	3,671	2,452	1,219	66.79	33.21	117	167	919	130	16
2003	3,543	2,263	1,253	63.87	35.37	113	133	885	107	15
2004	3,678	2,348	1,304	63.84	35.45	108	162	1,014	134	20
2005	3,519	2,145	1,344	60.95	38.19	147	168	1,005	112	24
2006	3,564	2,134	1,404	59.88	39.39	146	142	1,101	109	15
2007	3,476	2,043	1,433	58.77	41.23	174	139	1,054	114	50
2008	3,274	1,912	1,362	58.40	41.60	124	160	1,042	143	36
2009	2,652	1,393	1,259	52.53	47.47	147	132	951	109	29

County Population 2010: 1,280,122													
Year	Totals								Violent Deaths				
	Total Cases	Total Natural	Total Violent	Total Undetermined	Total No Manner	% Natural	% Violent	% Undetermined	% No Manner	Homicide	Suicide	Accident	Vehicular*
2010	2,451	1,139	1,259	53	0	46.47	51.37	2.16	0.00	98	144	1,017	128
2011	2,449	1,162	1,239	48	0	47.45	50.59	1.96	0.00	120	161	958	103
2012	2,219	1,004	1,164	47	4	45.25	52.46	2.11	0.18	143	170	851	95

*Vehicular fatalities are included in Accident totals.

2012 MEDICAL EXAMINER'S TRAUMA CASES LIFE-FLIGHTED FROM OTHER COUNTIES

TABLE I

County	Gender		Manner						Location of Death		Grand Total
	M	F	Vehicular	Homicide	Suicide	Accident	Undetermined	No Manner	Cleveland	Rest of County	
Ashland	1	0	1	0	0	0	0	0	1	0	1
Ashtabula	5	0	2	1	0	1	0	0	5	0	5
Erie	2	0	0	0	0	1	0	0	2	0	2
Geauga	7	0	2	3	0	2	0	0	6	1	7
Lake	5	4	3	0	0	3	0	0	8	1	9
Lorain	11	6	6	1	0	5	0	0	9	8	17
Mahoning	1	0	0	0	0	1	0	0	1	0	1
Medina	2	2	1	0	0	0	0	0	1	3	4
Portage	0	1	0	0	0	1	0	0	1	0	1
Stark	2	0	2	0	0	0	0	0	2	0	2
Summit	1	0	0	0	0	1	0	0	1	0	1
Trumbull	2	0	0	1	0	1	0	0	2	0	2
Wayne	1	0	0	1	0	0	0	0	1	0	1
Total	40	13	17	7	0	16	0	0	40	13	53



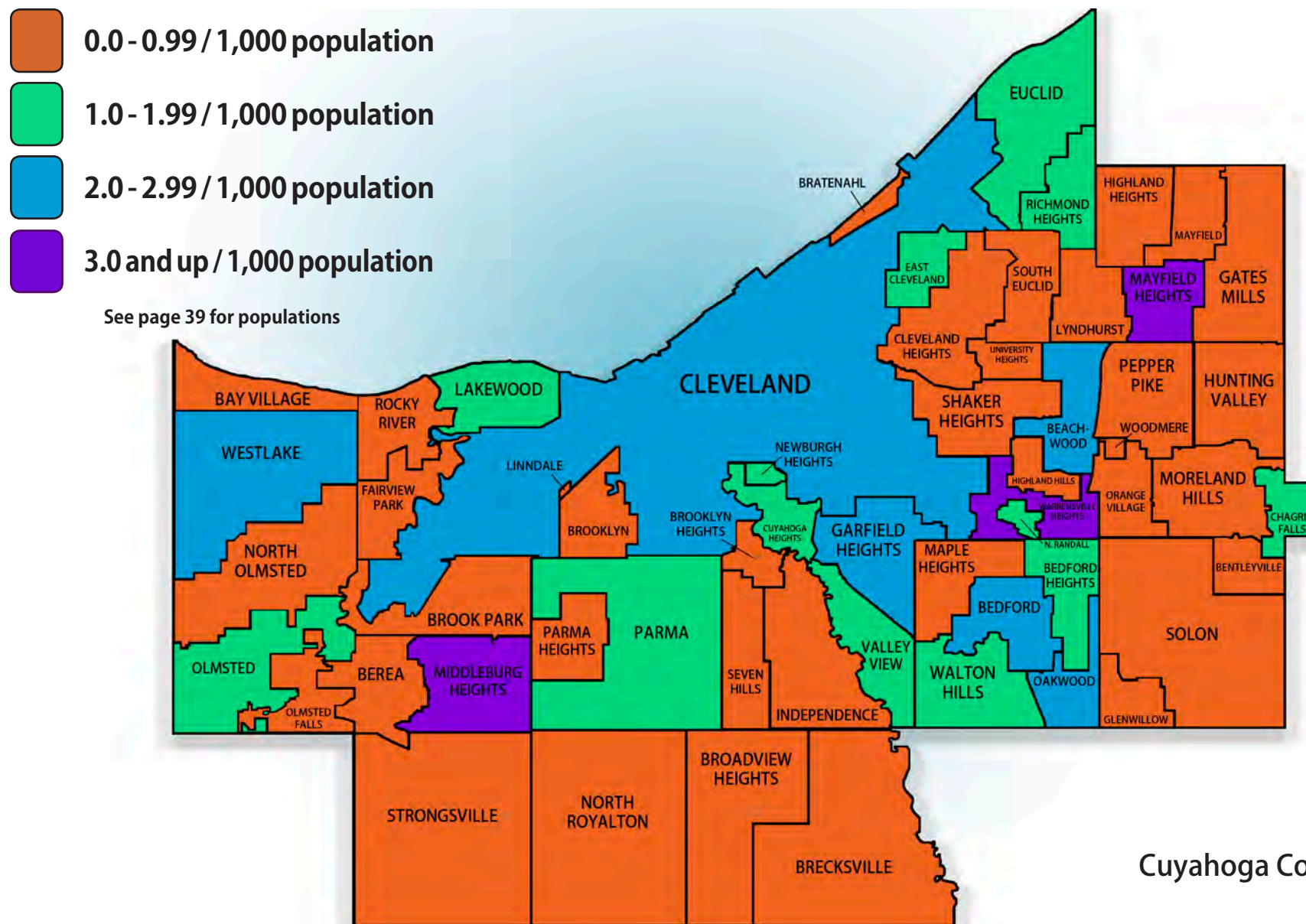
TABLE J

2012 AUTOPSIES PERFORMED FOR OTHER COUNTIES

County	Male	Female	Grand Total
Ashland	20	3	23
Ashtabula	25	13	38
Elk	0	1	1
Geauga	43	15	58
Jefferson	2	2	4
Lake	24	13	37
Mahoning	9	7	16
Medina	31	13	44
Mercer	1	0	1
Trumbull	2	0	2
Total	157	67	224

2012 DISTRIBUTION OF MEDICAL EXAMINER'S CASES BY CITY PER 1,000 POPULATION

MAP 1A

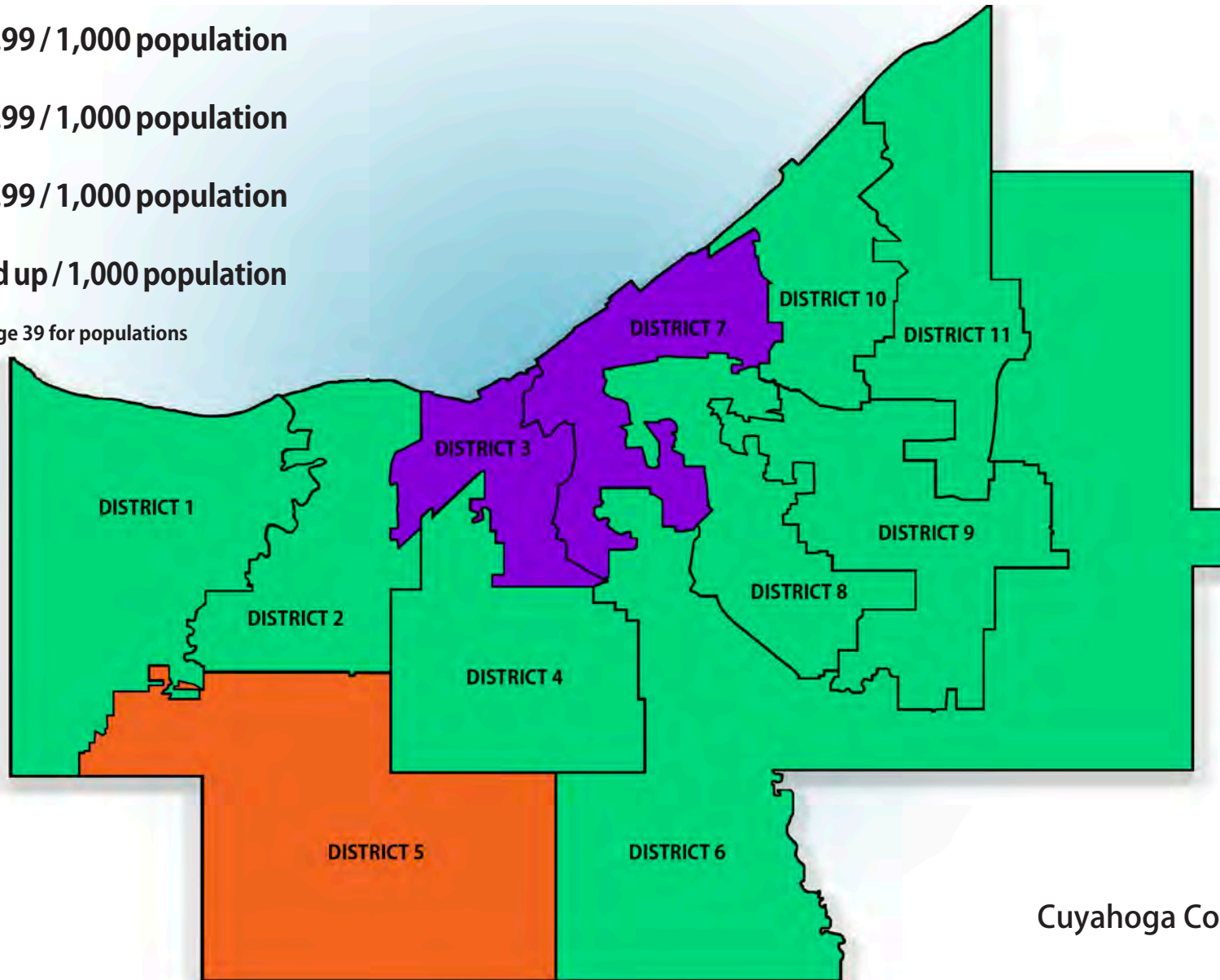


Cuyahoga County, Ohio

MAP 1B 2012 DISTRIBUTION OF MEDICAL EXAMINER'S CASES BY COUNCIL DISTRICT PER 1,000 POPULATION



See page 39 for populations



Cuyahoga County, Ohio

POPULATION OF CUYAHOGA COUNTY BY CITIES, VILLAGES, TOWNSHIPS, AND DISTRICTS (2010 CENSUS)

Cities	
Cleveland.....	396,815
Bay Village	15,651
Beachwood.....	11,953
Bedford.....	13,074
Bedford Heights	10,751
Berea	19,093
Brecksville.....	13,656
Broadview Heights.....	19,400
Brooklyn	11,169
Brook Park.....	19,212
Cleveland Heights	46,121
East Cleveland.....	17,843
Euclid	48,920
Fairview Park.....	16,826
Garfield Heights.....	28,849
Highland Heights	8,345
Independence.....	7,133
Lakewood	52,131
Lyndhurst.....	14,001
Maple Heights.....	23,138
Mayfield Heights	19,155
Middleburg Heights	15,946
North Olmsted	32,718
North Royalton	30,444
Olmsted Falls.....	9,024
Parma.....	81,601
Parma Heights	20,718
Pepper Pike	5,979
Richmond Heights	10,546
Rocky River	20,213
Seven Hills.....	11,804
Shaker Heights.....	28,448
Solon	23,348
South Euclid	22,295
Strongsville.....	44,750
University Heights.....	13,539
Warrensville Heights	13,542
Westlake.....	32,729

Villages	
Bentleyville	864
Bratenahl.....	1,197
Brooklyn Heights.....	1,543
Cuyahoga Heights.....	638
Gates Mills.....	2,270
Glenwillow.....	923
Highland Hills.....	1,130
Hunting Valley	589
Linndale.....	179
Mayfield.....	3,460
Moreland Hills.....	3,320
Newburgh Heights.....	2,167
North Randall	1,027
Oakwood.....	3,667
Orange.....	3,323
Valley View	2,034
Walton Hills	2,281
Woodmere.....	884

Townships	
Chagrin Falls*	4,233
Olmsted.....	13,513

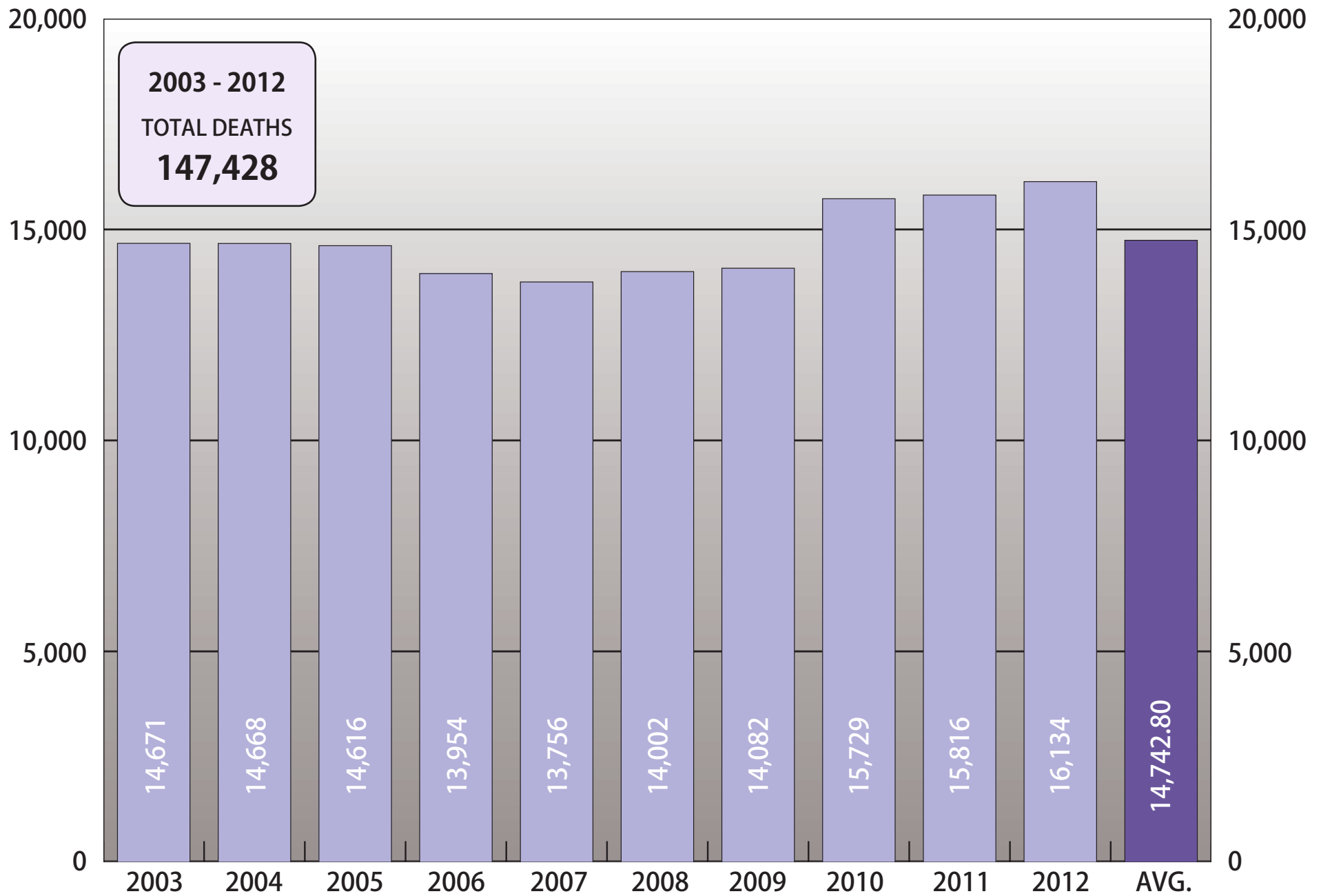
Council Districts**	
District 1	130,204
District 2	115,832
District 3	111,322
District 4	125,471
District 5	120,703
District 6	125,005
District 7	98,856
District 8	113,364
District 9	114,326
District 10.....	103,785
District 11.....	121,254

* Chagrin Falls data is reported for the combined communities of Chagrin Falls Village and Chagrin Falls Township.

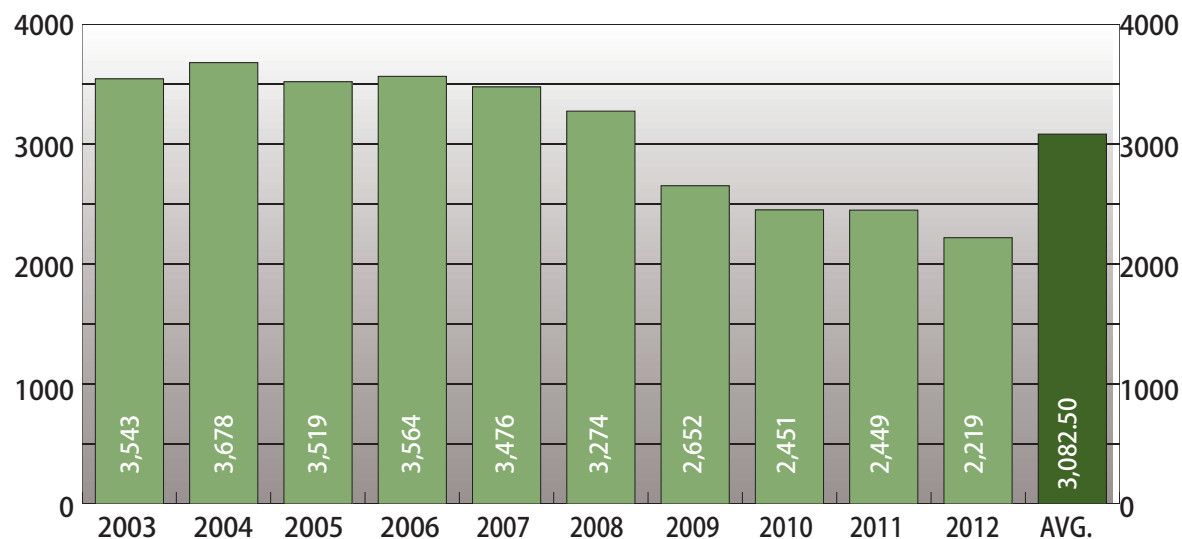
** Provided by: Northern Ohio Data and Information Service - NODIS, Maxine Goodman Levin College of Urban Affairs, Cleveland State University.

POPULATION OF CUYAHOGA COUNTY 1,280,122

TOTAL OF ALL DEATHS IN CUYAHOGA COUNTY FOR A PERIOD OF TEN YEARS

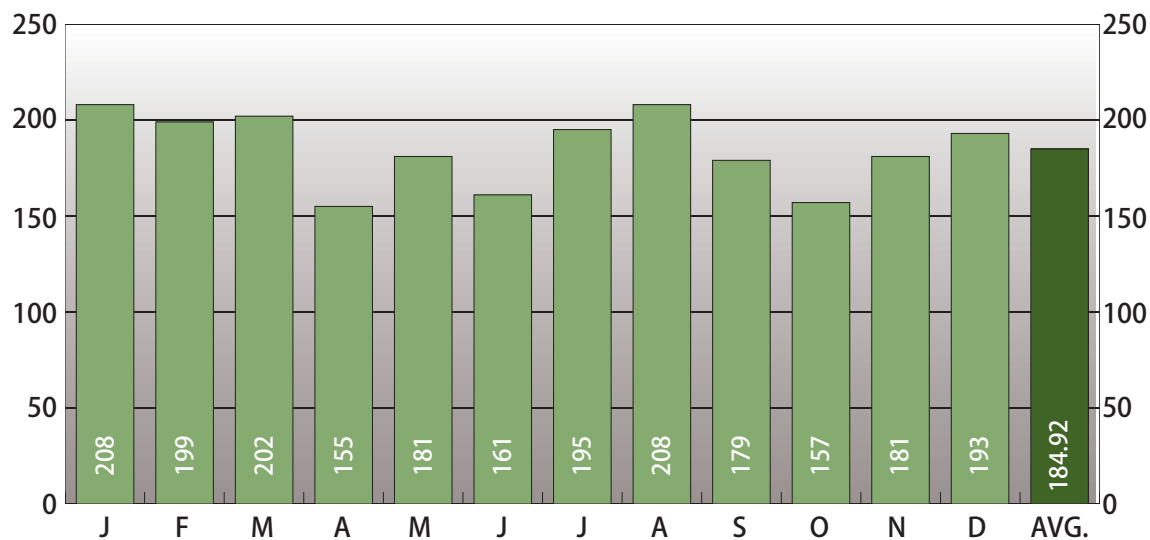


2012 SUMMARY OF MEDICAL EXAMINER'S CASES FOR A PERIOD OF TEN YEARS



2003 - 2012
TOTAL CASES
30,825
20.91%
OF TOTAL DEATHS

2012 SUMMARY OF MEDICAL EXAMINER'S CASES BY MONTH FOR THE YEAR 2012



2012
TOTAL CASES
2,219

TABLE 1

SUMMARY OF ALL FATALITIES BY TYPE, LOCATION WITH MISCELLANEOUS DATA

Type of Fatality	County			Out of County	Total	Miscellaneous	Total
	Cleveland	Other Cities	Rest of County				
Accidents in the Home	136	227	6	75	444	Cases Reported-Not Admitted	3,836
Accidents While at Work	6	3	1	3	13	Autopsies*	1,083
Vehicular Fatalities	29	28	1	37	95	Autopsies Performed for Other Counties	224
Accidents in Other Places	110	147	8	34	299	Unidentified Bodies	0
Homicides	110	24	2	7	143	Unclaimed Bodies	83
Suicides	52	100	8	10	170	Donated Bodies	15
Total Violent Deaths	443	529	26	166	1,164	Total Deaths in Cuyahoga County	16,134
Natural Causes	468	529	7	0	1,004	Total Cases as a Percentage of Total Deaths	13.75%
Undetermined Causes	22	17	2	6	47		
No Manner Issued	4	0	0	0	4		
Total Cases Reported and Admitted	937	1,075	35	172	2,219		

*Includes 10 autopsies performed at hospitals.

2012 SUMMARY OF MEDICAL EXAMINER'S CASES

TOTAL CASES BY MONTH AND TYPE OF FATALITY

TABLE 2

Type of Fatality	Jan.		Feb.		March		April		May		June		July		Aug..		Sept.		Oct.		Nov.		Dec.		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Accidents in the Home	18	20	32	19	22	28	19	9	13	21	20	18	18	10	21	14	20	19	16	11	22	10	20	24	241	203	444
Accidents While at Work	3	0	1	0	0	0	0	0	1	0	2	1	2	0	0	0	0	0	0	1	0	1	1	0	10	3	13
Vehicular Accidents	4	0	4	6	6	2	8	2	4	1	6	2	9	4	5	5	5	2	8	1	3	2	4	2	66	29	95
Accidents in Other Places	11	15	13	13	19	7	12	11	18	11	4	10	20	14	17	21	15	5	11	8	10	10	14	10	164	135	299
Homicides	7	3	8	4	10	3	3	3	6	3	11	3	11	3	9	5	10	3	12	1	14	1	7	3	108	35	143
Suicides	10	2	7	1	13	3	5	6	12	7	15	1	11	2	13	3	16	4	10	1	13	1	12	2	137	33	170
Natural Causes	75	36	60	29	54	30	44	32	55	24	40	24	54	33	55	32	49	26	49	23	58	30	57	35	650	354	1,004
Undetermined Causes	3	1	2	0	3	1	0	1	3	1	1	3	2	2	3	4	2	2	4	1	6	0	2	0	31	16	47
No Manner Issued	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	1	3
Total	131	77	127	72	127	75	91	64	113	68	99	62	127	68	124	84	117	61	110	47	126	55	117	76	1,409	809	2,218

*1 case gender unknown.

2012 SUMMARY OF MEDICAL EXAMINER'S CASES

TABLE 3

AUTOPSIES BY MONTH AND TYPE OF FATALITY

Type of Fatality	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.*		Oct.		Nov.		Dec.		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Accidents in the Home	10	6	15	6	15	10	16	3	10	9	6	8	10	3	12	4	13	4	8	7	12	3	12	8	139	71	210
Accidents While at Work	3	0	1	0	0	0	0	0	1	0	2	1	1	0	0	0	0	0	1	0	1	0	0	0	8	3	11
Vehicular Accidents	4	0	4	4	3	2	6	1	2	0	2	1	5	2	2	2	4	1	2	1	1	1	2	1	37	16	53
Accidents in Other Places	8	3	7	5	8	2	6	3	5	3	2	1	11	2	8	3	10	0	3	2	6	1	7	0	81	25	106
Homicides	7	3	8	4	10	3	3	3	6	3	11	3	11	3	9	5	10	3	12	1	14	1	7	3	108	35	143
Suicides	9	2	7	1	13	3	5	5	11	7	14	1	11	2	10	1	13	3	10	1	13	1	12	1	128	28	156
Natural Causes	30	10	18	9	24	7	15	13	27	10	11	12	10	8	25	7	16	9	19	10	22	11	26	12	243	118	361
Undetermined Causes	2	1	0	0	3	0	0	1	2	1	1	3	2	2	2	4	2	2	4	0	5	0	2	0	25	14	39
No Manner Issued	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	1	3
Total	73	25	60	29	76	28	51	29	65	33	49	30	61	22	69	26	68	22	58	23	73	19	68	25	771	311	1,082

*1 case gender unknown.

2012 SUMMARY OF MEDICAL EXAMINER'S CASES

TOTAL CASES BY AGE GROUP AND TYPE OF FATALITY

TABLE 4

Type of Fatality	Under 1 Year		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80 and Over		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
Accidents in the Home	4	0	0	0	1	0	0	0	2	1	6	5	17	12	17	6	16	3	14	3	22	12	23	17	23	14	17	7	9	8	11	8	9	11	50	96	241	203	444
Accidents While at Work	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	1	1	2	2	1	0	2	0	0	0	0	0	0	0	0	0	10	3	13
Vehicular Accidents	0	0	0	1	0	1	0	0	1	2	5	2	5	0	7	5	2	0	8	1	3	2	10	0	3	1	7	2	6	0	4	2	0	2	5	8	66	29	95
Accidents in Other Places	0	0	2	0	0	0	0	0	1	0	7	3	6	4	6	3	6	0	14	2	10	6	20	5	15	10	17	3	8	5	8	6	9	6	35	82	164	135	299
Homicides	1	0	1	2	0	1	2	2	17	3	15	4	13	2	12	6	7	1	9	2	8	3	7	2	7	2	2	1	3	1	2	2	2	0	0	1	108	35	143
Suicides	0	0	0	0	0	0	0	1	4	3	9	1	18	5	8	2	12	5	10	3	13	2	11	5	18	2	4	1	10	3	7	0	7	0	6	0	137	33	170
Natural Causes	6	6	2	3	0	0	0	0	1	0	2	1	4	7	5	9	16	9	23	11	42	32	76	33	127	40	114	38	80	36	52	30	35	27	65	72	650	354	1,004
Undetermined Causes	9	6	1	0	0	0	0	0	3	0	2	1	1	1	0	0	2	3	1	0	3	1	3	1	2	1	0	0	1	0	1	0	1	1	1	1	31	16	47
No Manner Issued*	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3	
Total	22	13	6	6	1	2	2	3	29	9	46	17	64	31	57	31	61	21	81	22	102	59	152	65	196	70	163	52	117	53	85	48	63	47	162	260	1409	809	2,218

*1 case gender/age unknown.

AUTOPSIES BY AGE GROUP AND TYPE OF FATALITY

TABLE 5

Type of Fatality	Under 1 Year		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80 and Over		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
Accidents in the Home	4	0	0	0	1	0	0	0	2	1	5	5	14	12	13	6	16	3	13	3	19	8	18	14	15	9	8	3	1	1	2	0	2	0	6	6	139	71	210
Accidents While at Work	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	1	1	2	2	0	0	2	0	0	0	0	0	0	0	0	0	8	3	11
Vehicular Accidents	0	0	0	1	0	1	0	0	1	2	4	2	3	0	5	3	2	0	5	1	2	0	4	0	3	1	2	1	3	0	2	1	0	1	1	2	37	16	53
Accidents in Other Places	0	0	1	0	0	0	0	0	1	0	7	2	5	4	4	1	4	0	12	1	9	6	15	4	9	3	9	0	1	1	2	1	1	1	1	1	81	25	106
Homicides	1	0	1	2	0	1	2	2	17	3	15	4	13	2	12	6	7	1	9	2	8	3	7	2	7	2	2	1	3	1	2	2	2	0	0	1	108	35	143
Suicides	0	0	0	0	0	0	0	1	3	2	8	1	17	4	8	1	12	5	10	3	12	1	10	5	18	1	2	1	9	3	6	0	7	0	6	0	128	28	156
Natural Causes	6	6	2	2	0	0	0	0	0	0	1	1	3	7	4	8	11	6	14	6	32	19	49	18	52	14	27	11	22	9	7	5	9	1	4	5	243	118	361
Undetermined Causes	9	6	1	0	0	0	0	0	3	0	2	0	1	1	0	0	1	3	0	0	3	1	3	0	1	1	0	0	1	0	0	0	0	1	0	1	25	14	39
No Manner Issued*	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3	
Total	22	13	5	5	1	2	2	3	27	8	42	15	56	30	47	25	53	18	65	16	86	39	108	45	105	31	52	17	40	15	21	9	21	4	18	16	771	311	1,082

*1 case gender/age unknown.

2012 SUMMARY OF MEDICAL EXAMINER'S CASES

GEOGRAPHICAL LOCATION - ALL FATALITIES SUMMARY

TABLE 6A

Cities	Violent Deaths								Other Deaths				Grand Total
	Accidents				Other Violence								
	Accidents in the Home	Accidents While at Work	Vehicular Accidents	Accidents in Other Places	Total Accidents	Homicides	Suicides	Total Other Violence	Natural Causes	Undetermined Causes	No Manner Issued	Total Other Deaths	
Cleveland	223	9	65	141	438	117	68	185	466	29	4	499	1,122
Bay Village	1	0	0	1	2	0	2	2	6	2	0	8	12
Beachwood	6	1	1	7	15	3	0	3	11	0	0	11	29
Bedford	2	0	0	4	6	0	4	4	20	1	0	21	31
Bedford Heights	2	0	1	1	4	0	0	0	10	0	0	10	14
Berea	3	0	0	0	3	0	2	2	4	0	0	4	9
Brecksville	3	0	0	0	3	0	2	2	2	1	0	3	8
Broadview Heights	0	0	0	1	1	0	1	1	10	0	0	10	12
Brooklyn	1	0	0	1	2	3	2	5	3	0	0	3	10
Brook Park	2	0	0	4	6	0	4	4	9	0	0	9	19
Cleveland Heights	7	0	0	0	7	0	5	5	18	0	0	18	30
East Cleveland	2	0	0	3	5	4	3	7	7	1	0	8	20
Euclid	15	0	2	11	28	2	6	8	53	1	0	54	90
Fairview Park	1	0	0	0	1	0	4	4	9	1	0	10	15
Garfield Heights	11	0	1	9	21	6	4	10	41	0	0	41	72
Highland Heights	2	0	0	0	2	0	1	1	0	0	0	0	3
Independence	0	0	0	1	1	0	0	0	4	0	0	4	5
Lakewood	20	1	2	5	28	1	5	6	37	1	0	38	72
Lyndhurst	1	0	0	2	3	0	1	1	2	0	0	2	6
Maple Heights	2	0	0	1	3	0	0	0	9	0	0	9	12
Mayfield Heights	18	0	5	12	35	0	4	4	24	1	0	25	64
Middleburg Heights	4	0	2	12	18	0	6	6	32	3	0	35	59
North Olmsted	4	0	0	7	11	0	1	1	13	0	0	13	25
North Royalton	4	0	0	0	4	0	7	7	9	0	0	9	20
Olmsted Falls	1	0	1	2	4	0	2	2	0	0	0	0	6
Parma	34	0	6	26	66	0	10	10	62	1	0	63	139
Parma Heights	5	0	0	1	6	0	1	1	11	0	0	11	18
Pepper Pike	0	0	0	1	1	0	0	0	0	0	0	0	1
Richmond Heights	4	0	0	5	9	0	0	0	5	0	0	5	14
Rocky River	3	0	1	2	6	0	4	4	6	0	0	6	16
Seven Hills	1	0	0	2	3	0	0	0	6	0	0	6	9
Shaker Heights	6	0	1	0	7	1	2	3	10	0	0	10	20
Solon	6	1	0	1	8	0	1	1	11	0	0	11	20
South Euclid	2	0	0	0	2	2	0	2	7	0	0	7	11
Strongsville	10	0	0	6	16	0	3	3	10	1	0	11	30
University Heights	0	0	0	0	0	0	0	0	0	0	0	0	0
Warrensville Heights	7	0	2	3	12	2	3	5	27	0	0	27	44
Westlake	22	1	3	18	44	0	5	5	30	2	0	32	81
Total	435	13	93	290	831	141	163	304	984	45	4	1,033	2,168

TABLE 6B

GEOGRAPHICAL LOCATION - ALL FATALITIES SUMMARY

Villages and Townships		Violent Deaths							Other Deaths				Grand Total
		Accidents				Other Violence							
		Accidents in the Home	Accidents While at Work	Vehicular Accidents	Accidents in Other Places	Total Accidents	Homicides	Suicides	Total Other Violence	Natural Causes	Undetermined Causes	No Manner Issued	
Villages:													
Bratenahl		1	0	0	0	1	0	0	0	0	0	0	1
Brooklyn Heights		0	0	0	0	0	0	0	0	1	0	0	1
Cuyahoga Heights		0	0	0	0	0	0	1	1	0	0	0	1
Mayfield		0	0	0	1	1	0	1	1	1	0	0	3
Moreland Hills		0	0	0	0	0	0	1	1	0	0	0	1
Newburgh Heights		1	0	0	0	1	0	0	0	2	0	0	3
North Randall		0	0	0	0	0	0	1	1	1	0	0	2
Oakwood		1	0	1	2	4	1	0	1	4	0	0	9
Valley View		0	0	0	0	0	0	3	3	0	0	0	3
Walton Hills		0	0	0	1	1	0	0	0	2	0	0	3
Townships:													
Chagrin Falls		2	0	0	1	3	0	0	0	2	1	0	6
Olmsted Township		4	0	1	4	9	1	0	1	7	1	0	18
Total		9	0	2	9	20	2	7	9	20	2	0	51

2012 SUMMARY OF MEDICAL EXAMINER'S CASES

GEOGRAPHICAL LOCATION - ALL FATALITIES SUMMARY

TABLE 7

Geographical Location	Violent Deaths									Other Deaths				Grand Total
	Accidents					Other Violence								
	Accidents in the Home	Accidents While at Work	Vehicular Accidents	Accidents in Other Places	Total Accidents	Homicides	Suicides	Total Other Violence	Natural Causes	Undetermined Causes	No Manner Issued	Total Other Deaths		
Cities	363	9	57	257	686	134	152	286	997	39	4	1,040	2,012	
Villages	4	1	1	4	10	1	8	9	5	0	0	5	24	
Townships	2	0	0	4	6	1	0	1	2	2	0	4	11	
Out of County	75	3	37	34	149	7	10	17	0	6	0	6	172	
Total	444	13	95	299	851	143	170	313	1,004	47	4	1,055	2,219	

TABLE 8

ACCIDENT FATALITIES BY MONTH

		Home Accidents							Work Accidents							Vehicular Accidents							Other Accidents							Totals							
		Cleveland	Other Cities	Villages	Townships	Out of County	Unknown	Total	Cleveland	Other Cities	Villages	Townships	Out of County	Unknown	Total	Cleveland	Other Cities	Villages	Townships	Out of County	Unknown	Total	Cleveland	Other Cities	Villages	Townships	Out of County	Unknown	Total	Cleveland	Other Cities	Villages	Townships	Out of County	Unknown		
Month																																				Grand Total	
	January	12	17	1	0	7	1	38	2	0	0	0	1	0	3	0	2	0	0	2	0	4	3	11	2	0	2	8	26	17	30	3	0	12	9	71	
	February	12	29	0	1	7	2	51	1	0	0	0	0	0	1	2	4	0	0	4	0	10	5	10	0	1	1	9	26	20	43	0	2	12	11	88	
	March	19	25	0	0	6	0	50	0	0	0	0	0	0	0	4	1	1	0	1	1	8	8	8	1	0	2	7	26	31	34	2	0	9	8	84	
	April	8	15	1	0	4	0	28	0	0	0	0	0	0	0	2	5	0	0	3	0	10	5	7	0	1	4	6	23	15	27	1	1	11	6	61	
	May	5	19	0	0	10	0	34	1	0	0	0	0	0	1	2	1	0	0	1	1	5	5	7	0	0	5	12	29	13	27	0	0	16	13	69	
	June	13	18	0	0	7	0	38	0	2	0	0	1	0	3	1	2	0	0	5	0	8	1	6	0	0	1	6	14	15	28	0	0	14	6	63	
	July	10	16	1	0	1	0	28	1	0	1	0	0	0	2	4	4	0	0	5	0	13	6	17	0	1	2	8	34	21	37	2	1	8	8	77	
	August	11	19	0	0	5	0	35	0	0	0	0	0	0	0	2	3	0	0	5	0	10	10	15	0	0	5	8	38	23	37	0	0	15	8	83	
	September	12	20	0	1	6	0	39	0	0	0	0	0	0	0	2	1	0	0	4	0	7	6	6	0	0	3	5	20	20	27	0	1	13	5	66	
	October	9	12	1	0	5	0	27	0	1	0	0	0	0	1	4	2	0	0	3	0	9	3	6	0	1	2	7	19	16	21	1	1	10	7	56	
	November	6	20	0	0	6	0	32	1	0	0	0	0	0	1	3	1	0	0	1	0	5	5	7	1	0	0	7	20	15	28	1	0	7	7	58	
	December	17	16	0	0	11	0	44	0	0	0	0	1	0	1	2	1	0	0	3	0	6	5	5	0	0	7	7	24	24	22	0	0	22	7	75	
	Total	134	226	4	2	75	3	444	6	3	1	0	3	0	13	28	27	1	0	37	2	95	62	105	4	4	34	90	299	230	361	10	6	149	95	851	

2012 SUMMARY OF MEDICAL EXAMINER'S CASES

HOMICIDE AND SUICIDE FATALITIES BY MONTH

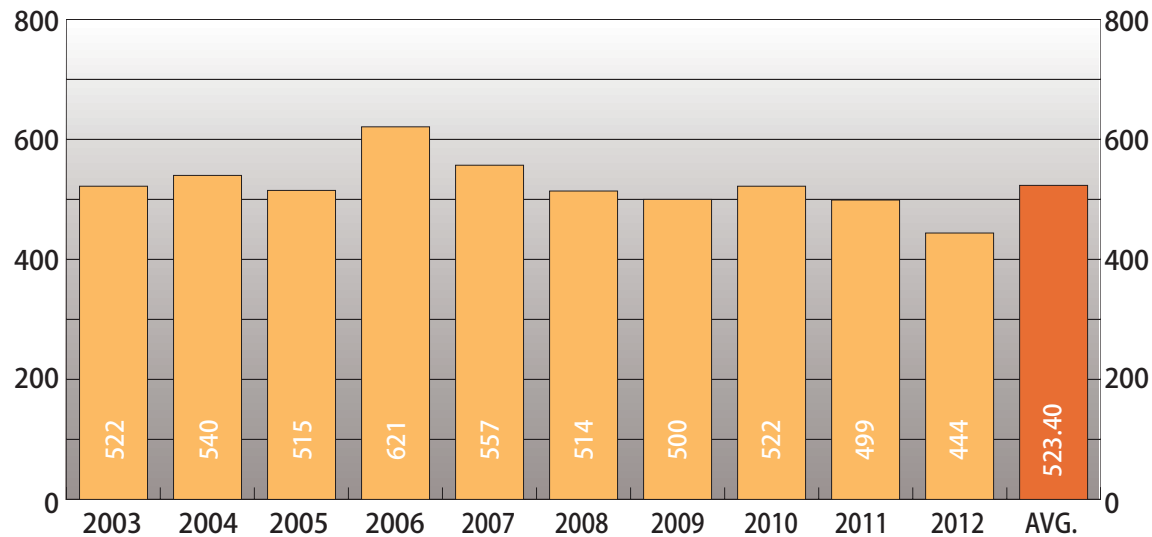
TABLE 9

Month	Homicide							Suicide							Total						Grand Total
	Cleveland	Other Cities	Villages	Townships	Out of County	Unknown	Total	Cleveland	Other Cities	Villages	Townships	Out of County	Unknown	Total	Cleveland	Other Cities	Villages	Townships	Out of County	Unknown	
January	7	3	0	0	0	0	10	4	4	1	0	2	1	12	11	7	1	0	2	1	22
February	8	2	0	0	1	1	12	3	5	0	0	0	0	8	11	7	0	0	1	1	20
March	7	3	0	0	2	1	13	6	9	1	0	0	0	16	13	12	1	0	2	1	29
April	3	3	0	0	0	0	6	5	5	0	0	1	0	11	8	8	0	0	1	0	17
May	7	1	0	0	0	1	9	5	8	3	0	1	2	19	12	9	3	0	1	3	28
June	9	3	0	0	0	2	14	5	9	0	0	2	0	16	14	12	0	0	2	2	30
July	11	1	0	0	1	1	14	5	6	1	0	1	0	13	16	7	1	0	2	1	27
August	12	1	0	0	1	0	14	4	9	0	0	2	1	16	16	10	0	0	3	1	30
September	13	0	0	0	0	0	13	6	13	1	0	0	0	20	19	13	1	0	0	0	33
October	11	2	0	0	0	0	13	3	7	1	0	0	0	11	14	9	1	0	0	0	24
November	9	4	0	0	1	1	15	2	12	0	0	0	0	14	11	16	0	0	1	1	29
December	9	0	0	0	1	0	10	1	12	0	0	1	0	14	10	12	0	0	2	0	24
Total	106	23	0	0	7	7	143	49	99	8	0	10	4	170	155	122	8	0	17	11	313



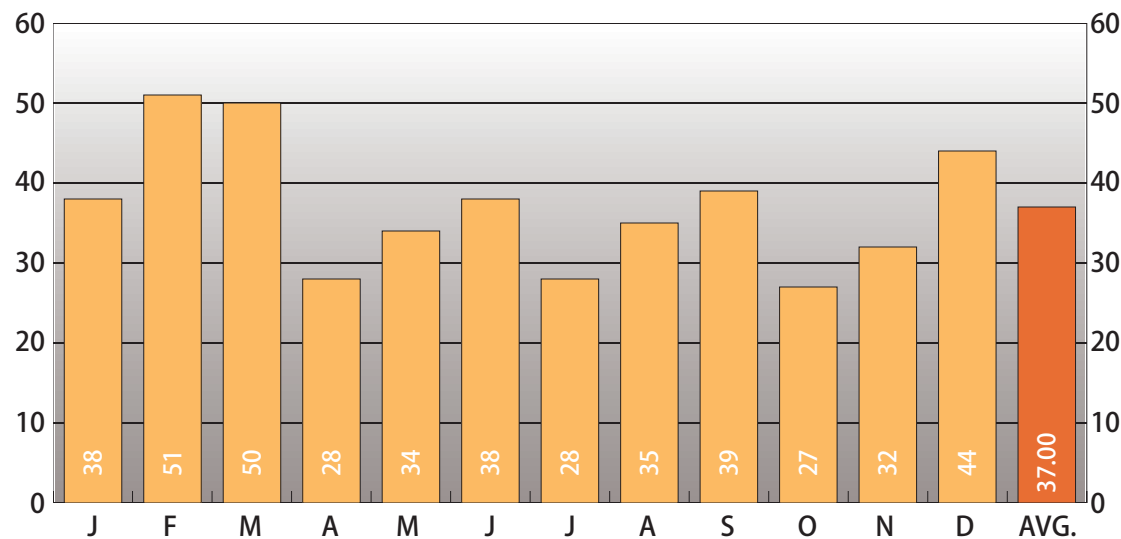
Photograph by A. Koons

2012 FATALITIES RESULTING FROM ACCIDENTS IN THE HOME FOR A PERIOD OF TEN YEARS

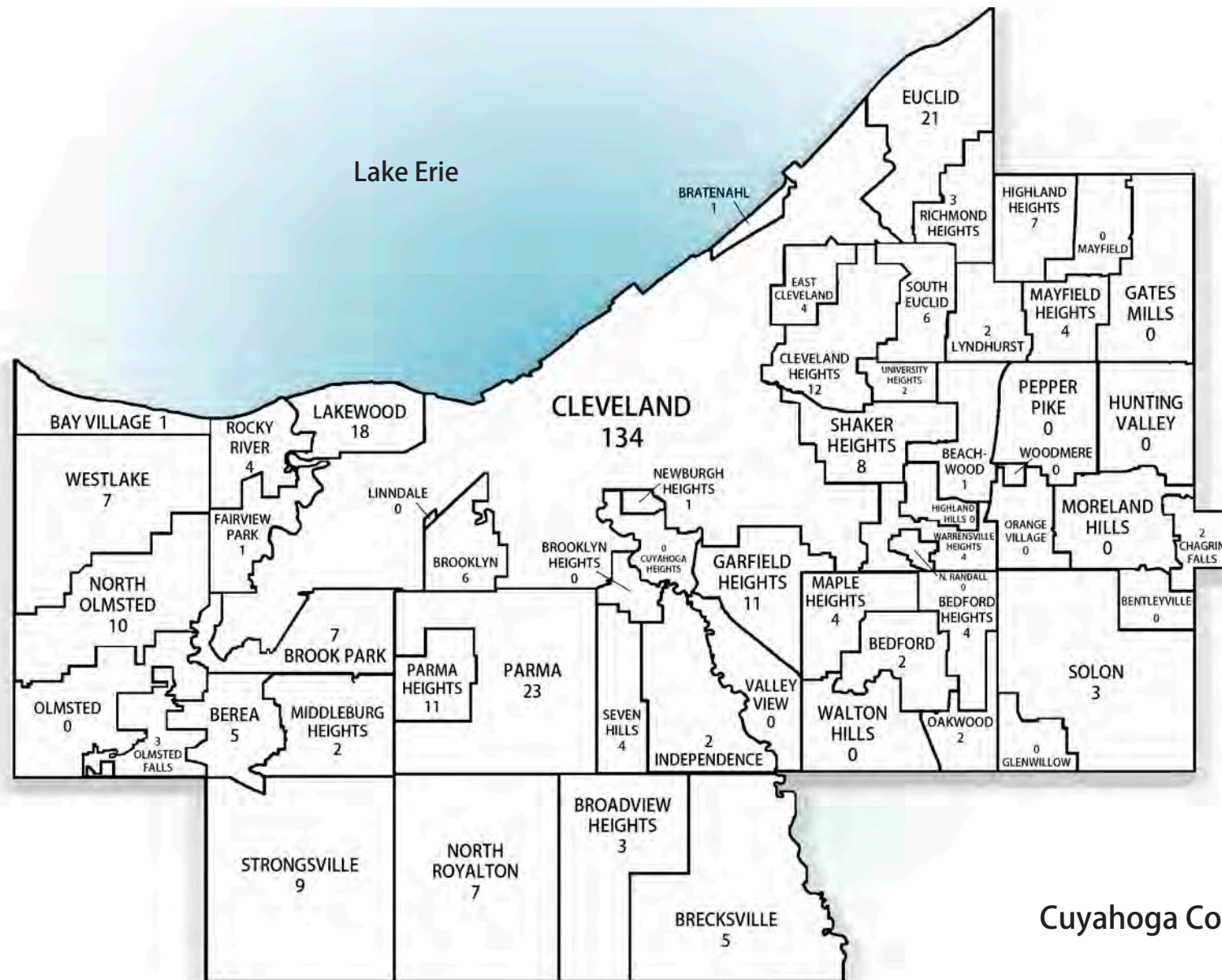


2012
TOTAL CASES
444

2012 FATALITIES RESULTING FROM ACCIDENTS IN THE HOME BY MONTH FOR THE YEAR 2012



		NUMBER	PERCENT
GENDER	MALE	241	54.28
	FEMALE	203	45.72
RACE	WHITE	362	81.53
	BLACK	78	17.57
	ASIAN	1	0.23
	ASIAN INDIAN	2	0.45
	NATIVE HAWAIIAN	1	0.23
ETHNICITY	HISPANIC	10	2.25
	NON-HISPANIC	434	97.75
ETHANOL	TESTED	239	53.83
	POSITIVE	83	18.69
AUTOPSIED		210	47.30



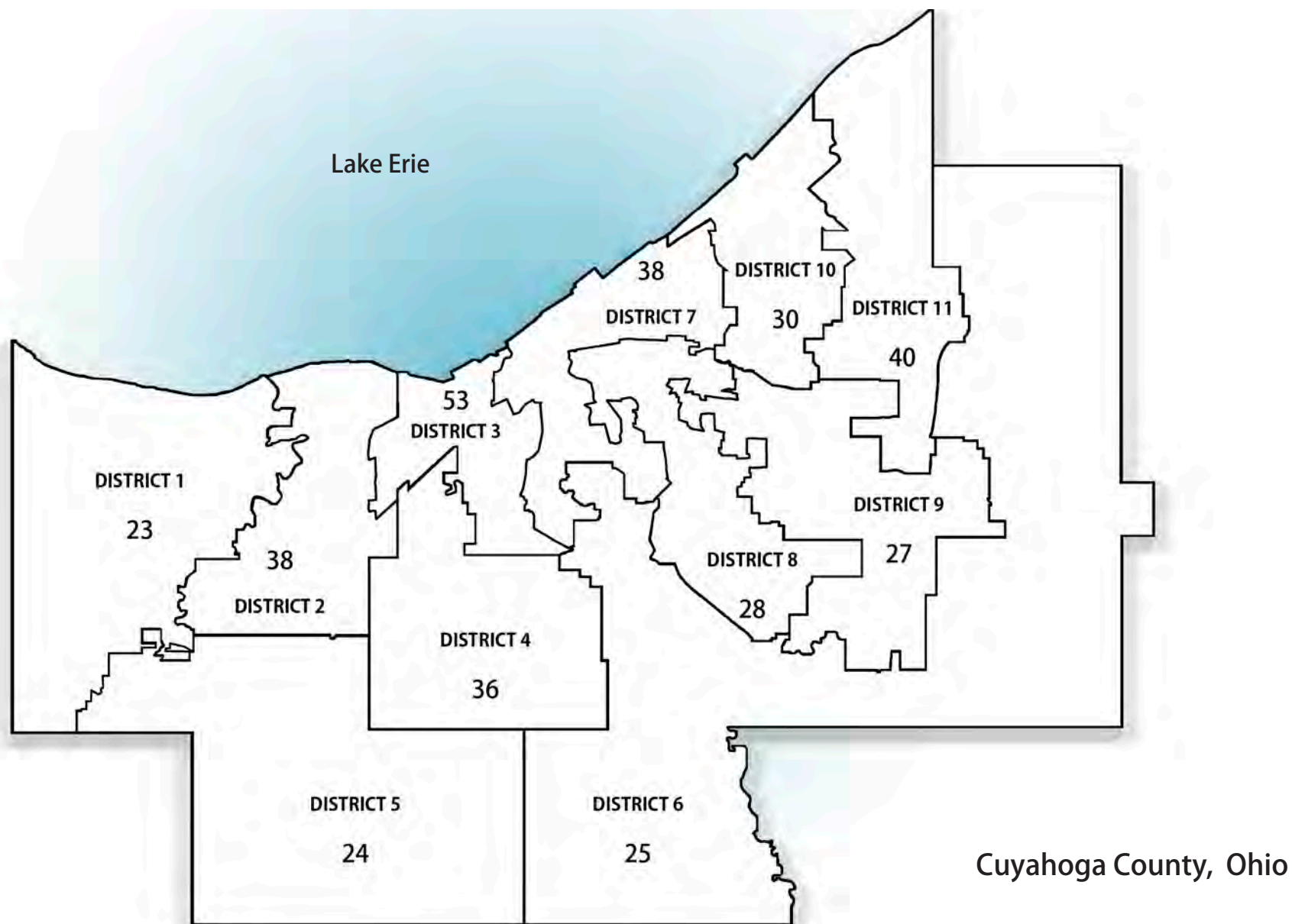
Cuyahoga County, Ohio

*Injury location is unknown for 3 cases and 75 cases are from outside of Cuyahoga County.

2012 FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

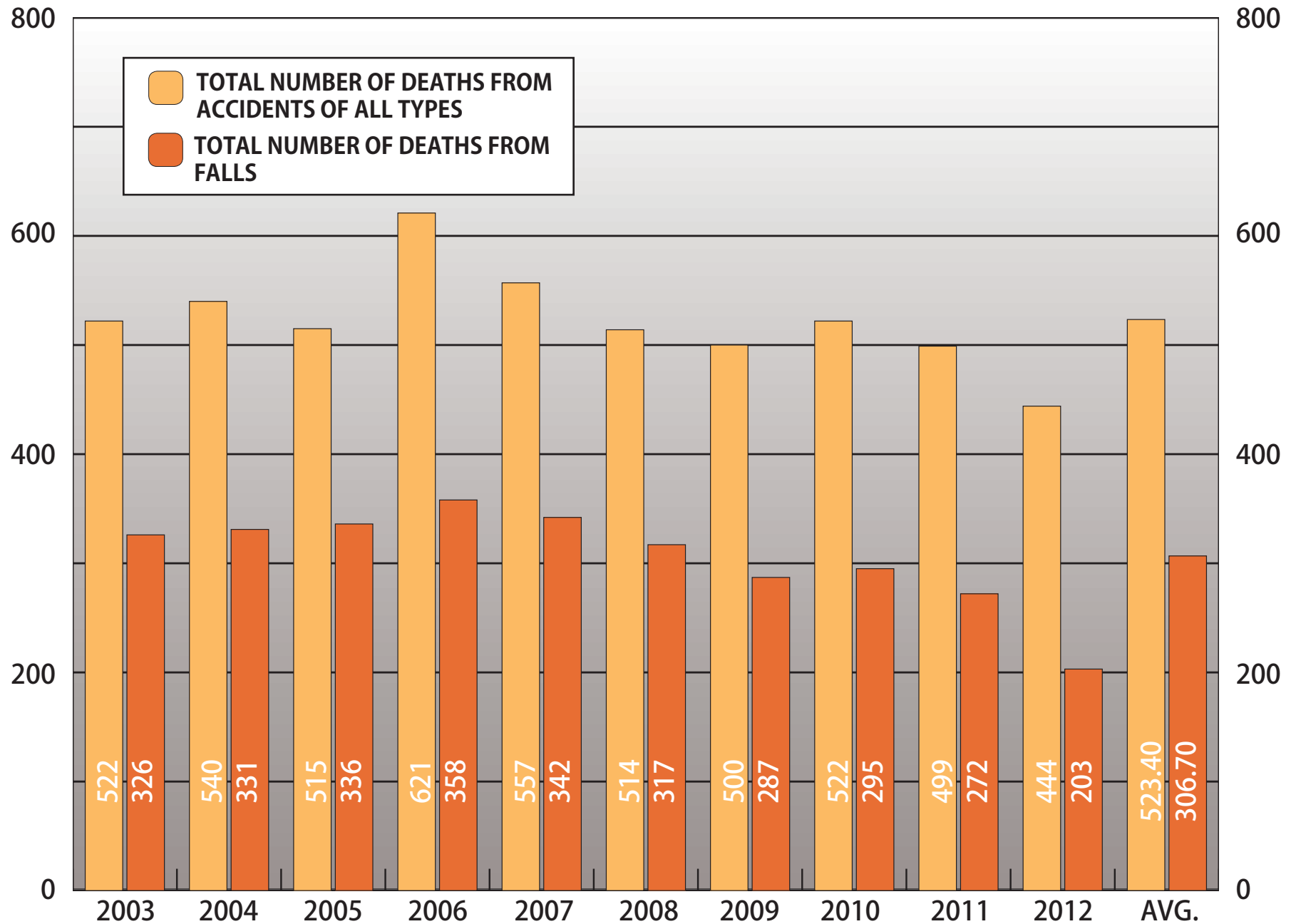
DISTRIBUTION OF FATALITIES FROM ACCIDENTS IN THE HOME BY COUNCIL DISTRICT*

MAP 2B



**Injury location is unknown or from an unknown council district for 7 cases and 75 cases are from outside of Cuyahoga County.

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



2012 FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

MONTHLY ETHANOL INCIDENCE

TABLE 10

												Not Tested		Tested						Stages													
														Total		Cleveland		County		Out of County		Unknown		Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%	
Month	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
January	38	18	20	9	3	6	12	2	5	1	0	5	14	13	6	7	4	6	2	1	1	1	0	1	0	1	0	1	0	0	1		
February	51	32	19	8	4	19	11	4	3	1	1	14	13	18	6	10	4	8	2	1	0	2	0	3	0	2	1	0	1	0	0		
March	50	22	28	9	10	11	14	2	4	0	0	4	18	18	10	13	7	5	3	1	1	1	1	1	2	0	0	0	0	0	0		
April	28	19	9	6	2	12	4	1	3	0	0	2	6	17	3	9	1	8	2	1	2	2	0	1	0	2	0	1	0	0	1	0	
May	34	13	21	2	3	9	10	2	8	0	0	1	11	12	10	8	6	4	4	2	2	0	0	1	1	1	0	0	0	0	0	1	
June	38	20	18	9	4	7	11	4	3	0	0	9	11	11	7	6	6	5	1	1	0	0	0	1	0	0	0	3	0	0	0	1	
July	28	18	10	6	4	12	5	0	1	0	0	6	6	12	4	8	2	4	2	0	2	2	0	1	0	1	0	0	0	0	0	0	
August	35	21	14	7	4	13	6	1	4	0	0	5	9	16	5	9	5	7	0	1	0	2	0	3	0	0	0	0	0	1	0	0	
September	39	20	19	8	4	10	11	2	4	0	0	6	13	14	6	7	3	7	3	3	1	1	1	1	1	0	0	1	0	0	0	1	0
October	27	16	11	6	3	8	5	2	3	0	0	7	4	9	7	5	7	4	0	1	0	0	0	2	0	0	0	0	0	1	0	0	0
November	32	22	10	4	2	13	7	5	1	0	0	11	7	11	3	10	3	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
December	44	20	24	7	10	9	7	4	7	0	0	7	16	13	8	9	6	4	1	1	0	0	1	2	0	1	0	0	0	0	0	0	0
Total	444	241	203	81	53	129	103	29	46	2	1	77	128	164	75	101	54	63	20	13	9	11	3	18	3	10	1	6	1	3	0	2	3

2012 FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

TABLE 11

AGE - RACE - ETHNICITY - ETHANOL INCIDENCE

					Not Tested		Tested						Stages													
		Ethnicity		Total			Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over			
Age	Race	Total	Hispanic	Non-Hispanic	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 Year	White	2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Native Hawaiian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 - 4	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Native Hawaiian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 9	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Native Hawaiian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 - 14	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Native Hawaiian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 - 19	White	2	0	2	0	0	2	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0
	Black	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Native Hawaiian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 - 24	White	9	0	9	0	0	5	4	5	2	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	Black	2	0	2	0	0	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Native Hawaiian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 - 29	White	25	3	22	1	0	16	8	9	7	7	1	3	1	2	0	0	0	2	0	0	0	0	0	0	0
	Black	4	0	4	0	0	0	4	0	3	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Native Hawaiian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2012 FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

AGE - RACE - ETHNICITY - ETHANOL INCIDENCE (continued)

TABLE 11

					Not Tested		Tested						Stages													
		Ethnicity		Total			Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over			
Age	Race	Total	Hispanic	Non-Hispanic	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
30 - 34	White	22	1	21	1	0	15	6	10	3	5	3	2	1	1	0	0	1	2	0	0	1	0	0	0	0
	Black	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Native Hawaiian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
35 - 39	White	18	1	17	0	0	16	2	11	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Black	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Native Hawaiian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
40 - 44	White	14	1	13	0	0	12	2	5	1	7	1	1	0	1	0	5	0	0	0	0	0	0	0	0	1
	Black	2	0	2	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Native Hawaiian	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
45 - 49	White	29	1	28	1	2	18	8	12	6	6	2	0	1	0	0	3	0	3	0	0	0	0	0	0	1
	Black	5	0	5	0	0	3	2	1	1	2	1	0	1	0	0	0	0	0	0	0	0	1	0	1	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Native Hawaiian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
50 - 54	White	29	0	29	1	2	14	12	8	9	6	3	0	1	1	1	1	1	1	0	3	0	0	0	0	0
	Black	11	0	11	1	0	7	3	5	2	2	1	0	1	1	0	1	0	0	0	0	0	0	0	0	
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Native Hawaiian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
55 - 59	White	26	0	26	2	2	15	7	6	3	9	4	1	1	3	2	3	1	0	0	1	0	1	0	0	0
	Black	11	0	11	0	2	6	3	2	2	4	1	1	1	1	0	1	0	0	0	0	0	0	0	1	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Native Hawaiian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
60 - 64	White	11	1	10	5	1	4	1	3	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	Black	13	0	13	1	4	7	1	5	1	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Native Hawaiian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

2012 FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

AGE - RACE - ETHNICITY - ETHANOL INCIDENCE (continued)

TABLE 11

					Not Tested		Tested						Stages													
		Ethnicity		Total			Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over			
Age	Race	Total	Hispanic	Non-Hispanic	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
65 - 69	White	14	0	14	6	4	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	3	0	3	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Native Hawaiian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70 - 74	White	17	0	17	6	7	3	1	2	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Native Hawaiian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 - 79	White	19	0	19	6	10	2	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Native Hawaiian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80 and Over	White	125	2	123	35	81	6	3	5	3	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	Black	20	0	20	8	10	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Native Hawaiian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	White	362	10	352	64	109	132	57	81	41	51	16	10	6	8	3	16	3	10	0	5	1	2	0	0	3
	Black	78	0	78	12	18	30	18	18	14	12	4	3	3	3	0	2	0	0	1	1	0	1	0	2	0
	Asian	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	2	0	2	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Native Hawaiian	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total		444	10	434	77	128	164	75	101	55	63	20	13	9	11	3	18	3	10	1	6	1	3	0	2	3

2012 FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

MODE - ETHANOL INCIDENCE

TABLE 12

												Not Tested		Tested						Stages														
																				0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over		
		Total		Cleveland		County		Out of County		Unknown				Total		Negative		Positive																
Mode		Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Asphyxia		14	10	4	2	2	5	2	3	0	0	0	3	3	7	1	5	1	2	0	0	0	0	1	0	0	0	0	0	0	1	0		
Burning		6	1	5	0	1	0	3	1	1	0	0	1	2	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Carbon Monoxide		16	8	8	5	4	3	4	0	0	0	0	1	4	7	4	6	2	1	2	0	0	0	0	0	1	0	1	1	0	0	0		
Exposure		1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Falling		203	83	120	15	18	48	62	20	40	0	0	64	111	19	9	13	8	6	1	0	0	0	0	1	0	0	0	4	0	1	0	1	
Miscellaneous		3	2	1	0	0	1	0	1	1	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Poisoning		190	129	61	59	26	66	31	3	4	1	0	3	4	126	57	75	40	51	17	11	9	11	3	16	3	9	0	2	0	1	0	2	
Undetermined		11	8	3	0	1	6	1	1	0	1	1	4	3	4	0	1	0	3	0	2	0	0	0	0	0	1	0	0	0	0	0	0	
Total		444	241	203	81	53	129	103	29	46	2	1	77	128	164	75	101	55	63	20	13	9	11	3	18	3	10	1	6	1	3	0	2	3

2012 FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

TABLE 13

MODE* - ETHANOL INCIDENCE

												Not Tested		Tested						Stages											
																				0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%	
Mode	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Asphyxia:																															
Aspiration of Foreign Object	1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
Bolus of Food	7	4	3	1	1	1	2	2	0	0	0	3	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
Drowning	4	3	1	1	1	2	0	0	0	0	0	0	0	3	1	2	1	1	0	0	0	0	0	0	0	0	0	1	0		
Hanging	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0		
Overlaying	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total	14	10	4	2	2	3	2	3	0	0	0	3	3	7	1	5	1	2	0	0	0	0	1	0	0	0	0	0	1	0	
Burning:																															
Fire/Explosion	6	1	5	0	1	0	3	1	1	0	0	1	2	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0		
Total	6	1	5	0	1	0	3	1	1	0	0	1	2	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0		
Carbon Monoxide:																															
Other	2	1	1	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Smoke	14	7	7	5	4	2	3	0	0	0	0	0	3	7	4	6	2	1	2	0	0	0	0	0	1	0	1	1	0	0	
Total	16	8	8	5	4	3	4	0	0	0	0	1	4	7	4	6	2	1	2	0	0	0	0	0	1	0	1	1	0	0	
Exposure:																															
Cold	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0		
Total	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0		

*Does not include Falling, Miscellaneous, Poisoning, or Undetermined modes.

2012 FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

MODE - ETHANOL INCIDENCE

TABLE 14

												Not Tested		Tested						Stages											
																				0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%	
		Total		Cleveland		County		Out of County		Unknown		Total		Negative		Positive															
Mode	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Single Chemical Agent:																															
1,1-difluoroethane	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	
Butane	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cocaine	18	11	7	4	4	7	3	0	0	0	0	1	3	10	4	9	3	1	1	0	1	1	0	0	0	0	0	0	0	0	
Ethanol	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
Fentanyl	2	1	1	0	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Heroin	34	26	8	11	4	15	3	0	1	0	0	0	0	26	8	23	8	3	0	2	0	1	0	0	0	0	0	0	0	0	
Hydrocarbons	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	
Hydromorphone	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lithium	2	1	1	0	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Morphine	2	1	1	0	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Opiate	1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Oxycodone	5	4	1	1	1	3	0	0	0	0	0	0	0	4	1	3	1	1	0	0	0	1	0	0	0	0	0	0	0	0	
Oxymorphone	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Tramadol	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Two or More Chemical Agents:																															
4-chloro-2, 5-dimethoxyamphetamine,																															
Desoxypipradrol, Fentanyl	1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Acetaminophen, Hydrocodone,																															
Tramadol	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Alprazolam, Carisoprodol,																															
Hydrocodone, Meprobamate	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Alprazolam, Cocaine, Heroin	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Alprazolam, Heroin	2	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Alprazolam, Hydrocodone	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Alprazolam, Hydrocodone,																															
Methadone, Morphine, Oxycodone	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Alprazolam, Hydrocodone,																															
Methadone, Tramadol	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Alprazolam, Morphine	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Alprazolam, Oxycodone,																															
Oxymorphone	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Alprazolam, Oxymorphone	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Amitriptyline, Cocaine	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Amitriptyline, Cocaine, Fentanyl	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Amitriptyline, Fentanyl	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Benzodiazepines, Carisoprodol,																															
Cocaine, Heroin	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Benzodiazepines, Cocaine, Heroin,																															
Hydrocodone, Oxycodone	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Benzodiazepines, Heroin	2	1	1	1	0	0	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Benzodiazepines, Morphine	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Benzodiazepines, Oxycodone	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Carisoprodol, Diazepam,																															
Diphenhydramine, Hydromorphone,																															
Oxycodone	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	

2012 FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

TABLE 14

MODE - ETHANOL INCIDENCE (continued)

												Not Tested		Tested						Stages																	
																				0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over					
		Total		Cleveland		County		Out of County		Unknown		M		F		Total		Negative		Positive		M		F		M		F		M		F		M		F	
Mode		Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
Citalopram, Clozapine		1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Citalopram, Doxepine, Methadone, Tramadol		1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Citalopram, Heroin		1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Citalopram, Oxycodone		1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Clonazepam, Diphenhydramine, Fluoxetine, Verapamil		1	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Clonazepam, Oxycodone		1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Clonazepam, Oxymorphone		1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Cocaine, Diazepam		2	2	0	1	0	1	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Cocaine, Diphenhydramine, Fentanyl, Hydrocodone		1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Cocaine, Fentanyl		1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Cocaine, Fentanyl, Morphine, Oxycodone		1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Cocaine, Heroin		12	9	3	5	1	4	2	0	0	0	0	0	0	9	3	6	2	3	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0			
Cocaine, Heroin, Hydrocodone		1	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Cocaine, Heroin, Hydrocodone, Oxycodone		1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Cocaine, Heroin, Methadone		1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Cocaine, Opiate, Opiod		1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Cyclobenzapine, Tramadol		1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Dextromethorphan, Hydromorphone, Morphine		1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Diazepam, Diphenhydramine, Heroin		1	1		0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Diazepam, Fentanyl, Fluoxetine, Hydrocodone, Morphine		1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Diazepam, Heroin		2	2	0	1	0	1	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Diazepam, Heroin, Hydrocodone		1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Diphenhydramine, Doxylamine		1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Diphenhydramine, Heroin, Oxycodone		1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Fentanyl, Hydrocodone, Oxycodone		1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Fluoxetine, Guaifenesin, Hydrocodone, Methocarbamol, Morphine		1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Heroin, Oxycodone		1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Heroin, Tramadol		1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Combined Effects of Ethanol & Single/Multiple Chemical Agents:																																					
Acetaminophen, Alprazolam, Opiates, Phenobarbital		1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0			
Acetaminophen, Oxycodone		1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0			
Alprazolam, Cocaine, Heroin		1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Alprazolam, Heroin		1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0			
Alprazolam, Methadone		1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			

2012 FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

MODE - ETHANOL INCIDENCE (continued)

TABLE 14

												Not Tested		Tested						Stages													
																				Total		Cleveland		County		Out of County		Unknown		Total		Negative	
Mode	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Alprazolam, Oxycodone	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
Amitriptyline, Cocaine, Heroin	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0		
Benzodiazepines, Heroin, Hydrocodone	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0		
Chlorpheniramine, Dextremethorphan, Doxylamine, Sertraline, Topiramate	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0		
Citalopram, Cocaine, Heroin, Oxycodone	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0		
Citalopram, Heroin	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0		
Cocaine	5	5	0	5	0	0	0	0	0	0	0	0	0	5	0	0	0	5	0	0	0	1	0	3	0	0	0	0	0	0	1	0	
Cocaine, Diazepam, Opiates	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0		
Cocaine, Heroin	8	6	2	6	1	0	1	0	0	0	0	0	0	6	2	0	0	6	2	0	1	3	1	2	0	0	0	1	0	0	0	0	
Cocaine, Hydrocodone, Oxycodone	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0		
Diazepam	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
Diazepam, Heroin	4	4	0	1	0	3	0	0	0	0	0	0	0	4	0	0	0	4	0	1	0	0	0	2	0	1	0	0	0	0	0	0	
Diazepam, Heroin, Oxycodone	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
Diazepam, Moprobamate	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
Diazepam, Oxycodone	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
Diazepam, Oxycodone, Tramadol	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
Dipenhydramine, Heroin	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
Doxylamine, Heroin	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	
Heroin	16	15	1	7	0	8	1	0	0	0	0	0	0	15	1	0	0	15	1	2	1	2	0	6	0	4	0	0	0	1	0	0	0
Heroin, Hydrocodone	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	
Heroin, Oxycodone	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
Methadone	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
Total	190	129	61	61	26	65	33	3	2	0	0	3	4	126	57	75	40	51	17	11	9	11	3	16	3	9	0	2	0	1	0	1	2

2012 FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

TABLE 15

MODE - AGE GROUPS

Mode	Under 1 Year		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80 and Over		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
Asphyxia	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	1	0	0	0	0	1	0	0	0	0	1	0	1	0	2	2	10	4	14
Burning	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	1	0	1	1	5	6	
Carbon Monoxide	0	0	0	0	1	0	0	0	1	1	1	0	0	1	0	1	0	0	0	0	0	0	0	1	3	1	0	1	0	0	0	0	2	2	8	8	16		
Exposure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1		
Falling	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	2	4	3	4	2	8	1	8	7	9	8	7	10	41	86	83	120	203
Miscellaneous	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	3		
Poisoning	0	0	0	0	0	0	0	0	1	0	5	5	16	10	17	5	15	2	13	3	19	9	19	13	18	9	5	5	1	0	0	0	0	0	0	129	61	190	
Undetermined	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1	0	4	3	8	3	11		
Total	4	0	0	0	1	0	0	0	2	1	6	5	17	12	17	6	16	3	14	3	22	12	23	17	23	14	17	7	9	8	11	8	9	11	50	96	241	203	444

2012 FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

FALLS - ETHANOL INCIDENCE

TABLE 16

		Total		Not Tested		Tested						Stages											
						Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%	
Falls by Code	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
E880 - Fall On or From Stairs or Steps	27	16	11	11	9	5	2	3	2	2	0	0	0	0	0	0	0	2	0	0	0	0	0
E881 - Fall From Ladder or Scaffolding	2	2	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E882 - Fall From Building or Other Structure																							
Balcony	1	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E883 - Fall Into Hole or Other Opening in Surface																							
Bathtub	2	1	1	0	1	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
E884 - Fall From One Level to Another																							
Bed	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porch	1	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0
Wheelchair	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E885 - Fall On Same Level	167	59	108	50	101	9	7	8	6	1	1	0	0	0	0	0	0	1	0	0	0	0	1
E888 - Unspecified Fall	1	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0
Total	203	83	120	64	111	19	9	13	8	6	1	0	0	0	0	1	0	4	0	1	0	0	1

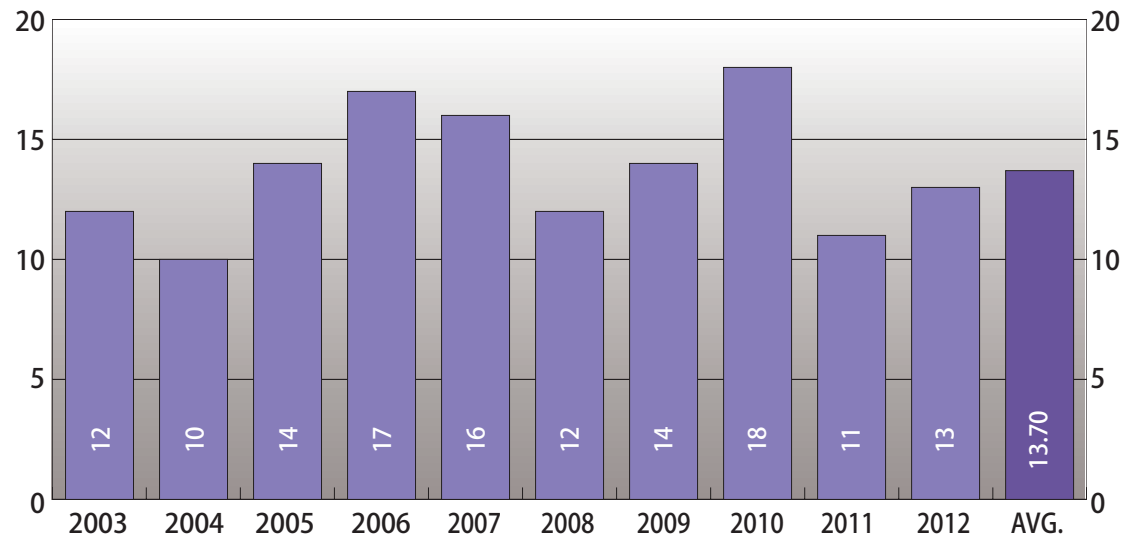
2012 FATALITIES RESULTING FROM ACCIDENTS IN THE HOME

TABLE 17

FALLS - AGE GROUPS

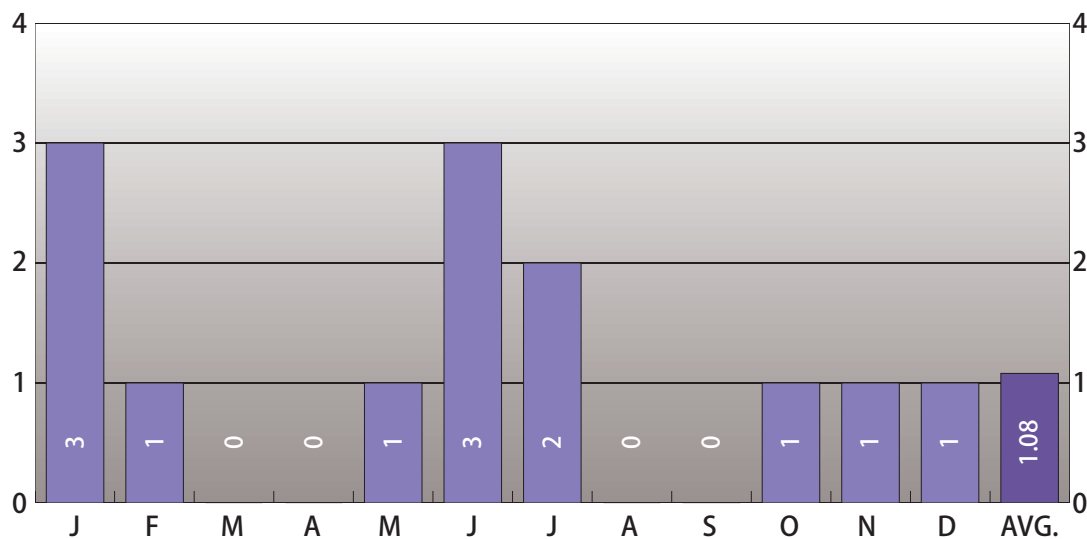
Falls by Code	Under 1 Year		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80 and Over		Total		Grand Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
E880 - Fall On or From Stairs or Steps	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	2	0	1	0	2	0	3	1	1	2	5	6	16	11	27	
E881 - Fall From Ladder or Scaffolding	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	2	
E882 - Fall From Building or Other Structure																																								
Balcony	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1
E883 - Fall Into Hole or Other Opening in Surface																																								
Bathtub	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	1	2	
E884 - Fall From One Level to Another																																								
Bed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	
Porch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Wheelchair	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	
E885 - Fall On Same Level	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	1	2	2	2	5	1	6	6	5	7	6	8	33	80	59	108	167		
E888 - Unspecified Fall	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Total	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	2	4	3	4	2	8	1	8	7	9	8	7	10	41	86	83	120	203	

2012 FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK FOR A PERIOD OF TEN YEARS



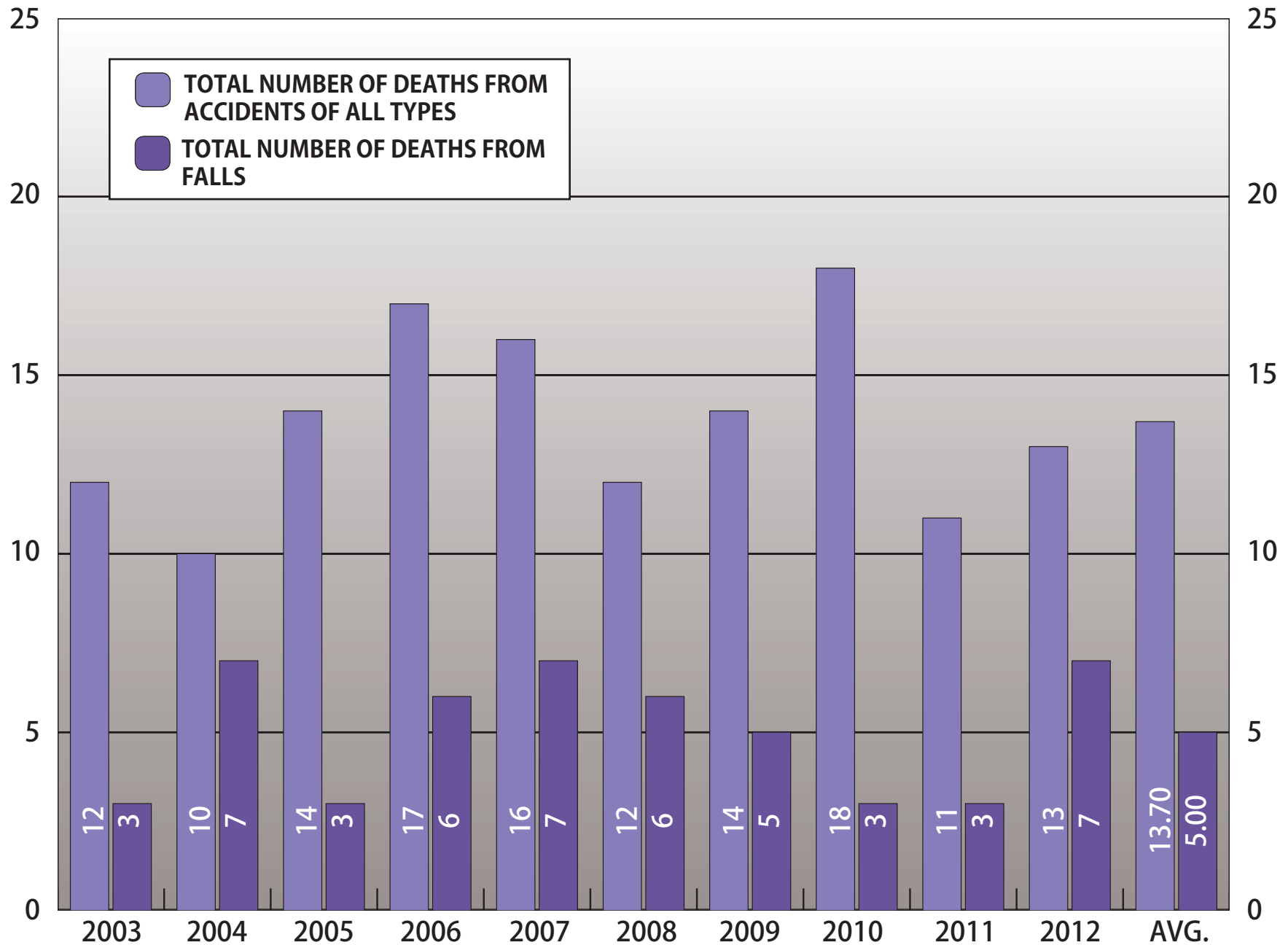
2012
TOTAL CASES
13

2012 FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK BY MONTH FOR THE YEAR 2012



		NUMBER	PERCENT
GENDER	MALE	10	76.92
	FEMALE	3	23.08
RACE	WHITE	11	84.62
	BLACK	2	15.38
ETHNICITY	HISPANIC	2	15.38
	NON-HISPANIC	11	84.62
ETHANOL	TESTED	8	61.54
	POSITIVE	0	0.00
AUTOPSIED		11	84.62

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



2012 FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

MONTHLY ETHANOL INCIDENCE

TABLE 18

												Not Tested		Tested						Stages												
		Total		Cleveland		County		Out of County		Unknown				Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over
Month	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
January	3	3	0	2	0	0	0	1	0	0	0	1	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
February	1	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
March	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
April	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
May	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	3	2	1	0	0	1	1	1	0	0	0	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	2	2	0	1	0	1	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	1	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	13	10	3	5	1	2	2	3	0	0	0	4	1	6	2	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2012 FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

TABLE 19

AGE - RACE - ETHNICITY - ETHANOL INCIDENCE

					Not Tested		Tested						Stages													
			Ethnicity				Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over	
Age	Race	Total	Hispanic	Non-Hispanic	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
13 and Under	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 - 17	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 - 19	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 - 24	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 - 29	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 - 34	White	2	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 - 39	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 - 44	White	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 - 49	White	2	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 - 54	White	3	0	3	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55 - 59	White	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 - 64	White	2	0	2	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 - 69	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70 and Over	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	White	11	2	9	4	0	5	2	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	2	0	2	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total		13	2	11	4	1	6	2	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2012 FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

MODE - ETHANOL INCIDENCE

TABLE 20

												Not Tested		Tested						Stages											
		Total		Cleveland		County		Out of County		Unknown				Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%	
Mode	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Falling:																															
E881 - Fall From Ladder or Scaffolding	1	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E882 - Fall From Building or Other Structure	2	2	0	1	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E885 - Fall On Same Level	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E919 - Fall From Forklift	1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E919 - Fall From Steam Roller	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others:																															
Asphyxia, Compression	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asphyxia, Drowning	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crushing, Building	2	2	0	2	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crushing, Machinery-Object	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crushing, Refrigerator Door	1	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Accident	1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	13	10	3	5	1	2	2	3	0	0	0	4	1	6	2	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0

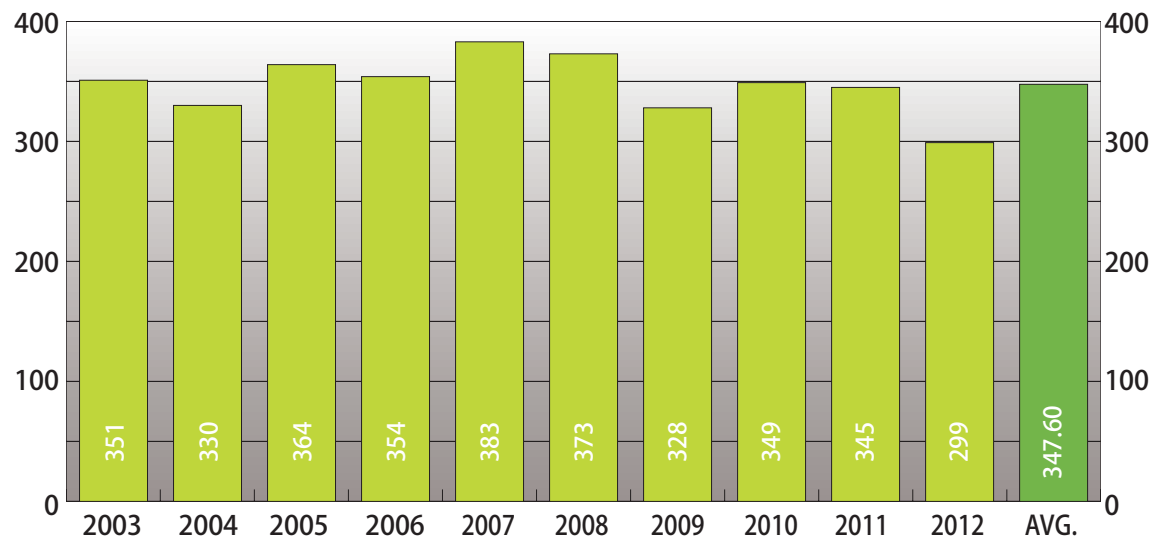
2012 FATALITIES RESULTING FROM ACCIDENTS WHILE AT WORK

TABLE 21

MODE - AGE GROUPS

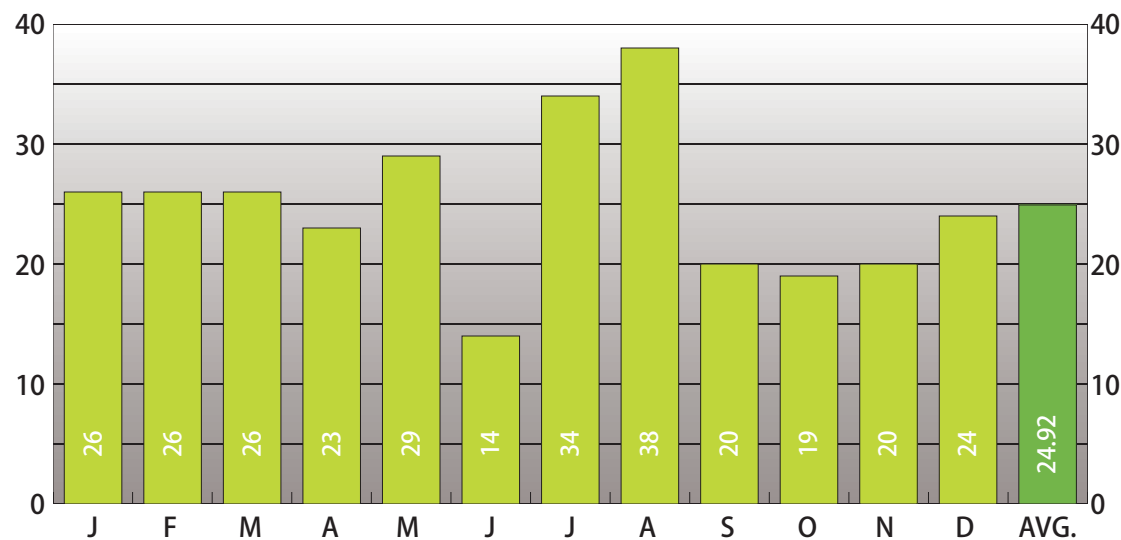
Mode	13 and Under		14-17		18-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70 and Over		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Falling:																															
E881 - Fall From Ladder or Scaffolding	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0		1
E882 - Fall From Building or Other Structure	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0		2
E885 - Fall On Same Level	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1		1
E919 - Fall From Forklift	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0		1
E919 - Fall From Steam Roller	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0		1
Others:																															
Asphyxia, Compression	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0		1
Asphyxia, Drowning	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1		1
Crushing, Building	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	2	0		2
Crushing, Machinery-Object	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0		1
Crushing, Refrigerator Door	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1		1
Miscellaneous Accident	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0		1
Total	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	1	1	2	2	1	0	2	0	0	0	0	10	3		13

2012 FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES FOR A PERIOD OF TEN YEARS



2012
TOTAL CASES
299

2012 FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES BY MONTH FOR THE YEAR 2012

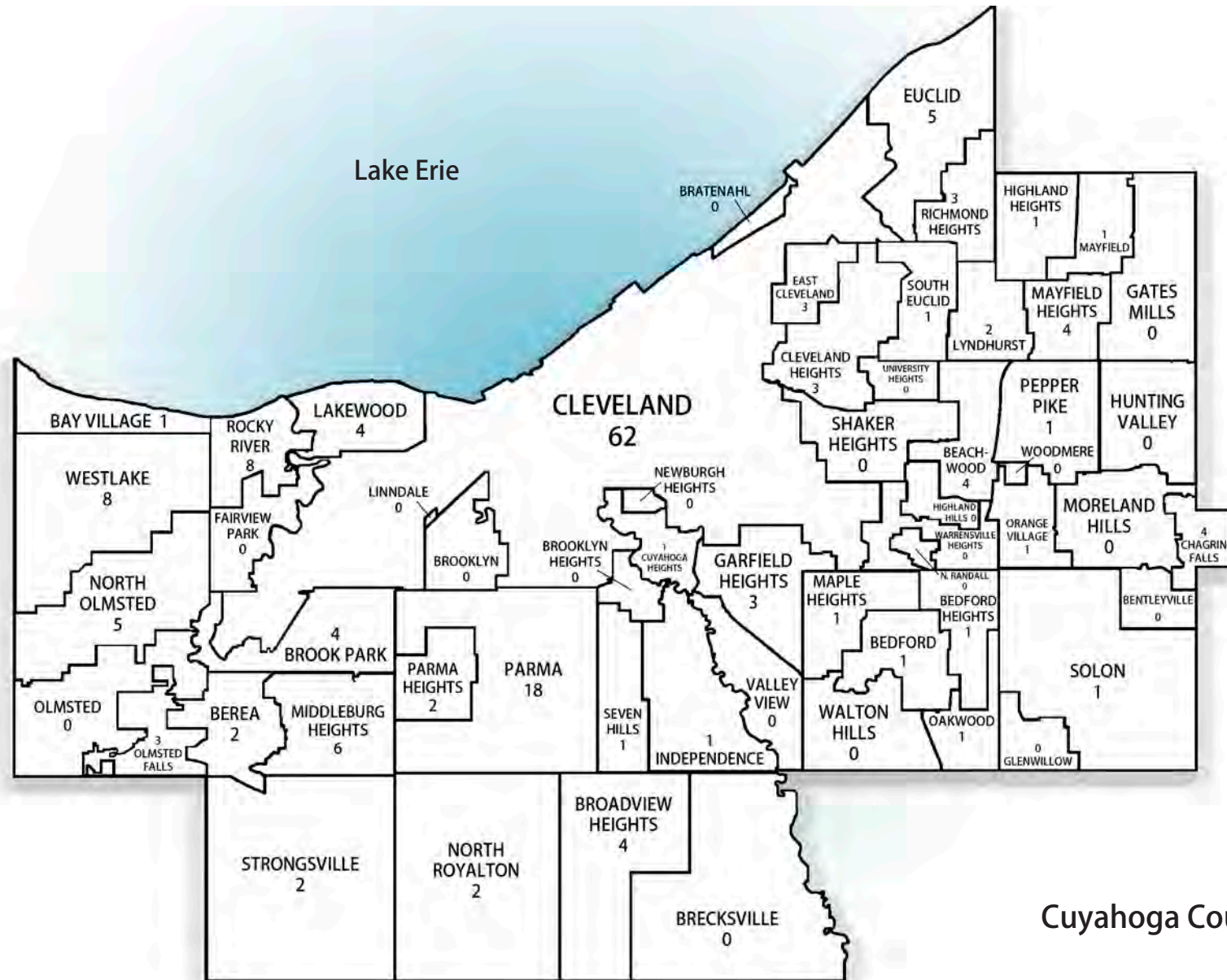


		NUMBER	PERCENT
GENDER	MALE	164	54.85
	FEMALE	135	45.15
RACE	WHITE	243	81.27
	BLACK	55	18.39
	AMERICAN INDIAN	1	0.33
ETHNICITY	HISPANIC	3	1.00
	NON-HISPANIC	296	99.00
ETHANOL	TESTED	124	41.47
	POSITIVE	35	11.71
AUTOPSIED		106	35.45

2012 FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

MAP 3A

DISTRIBUTION OF FATALITIES FROM ACCIDENTS IN OTHER PLACES BY CITY



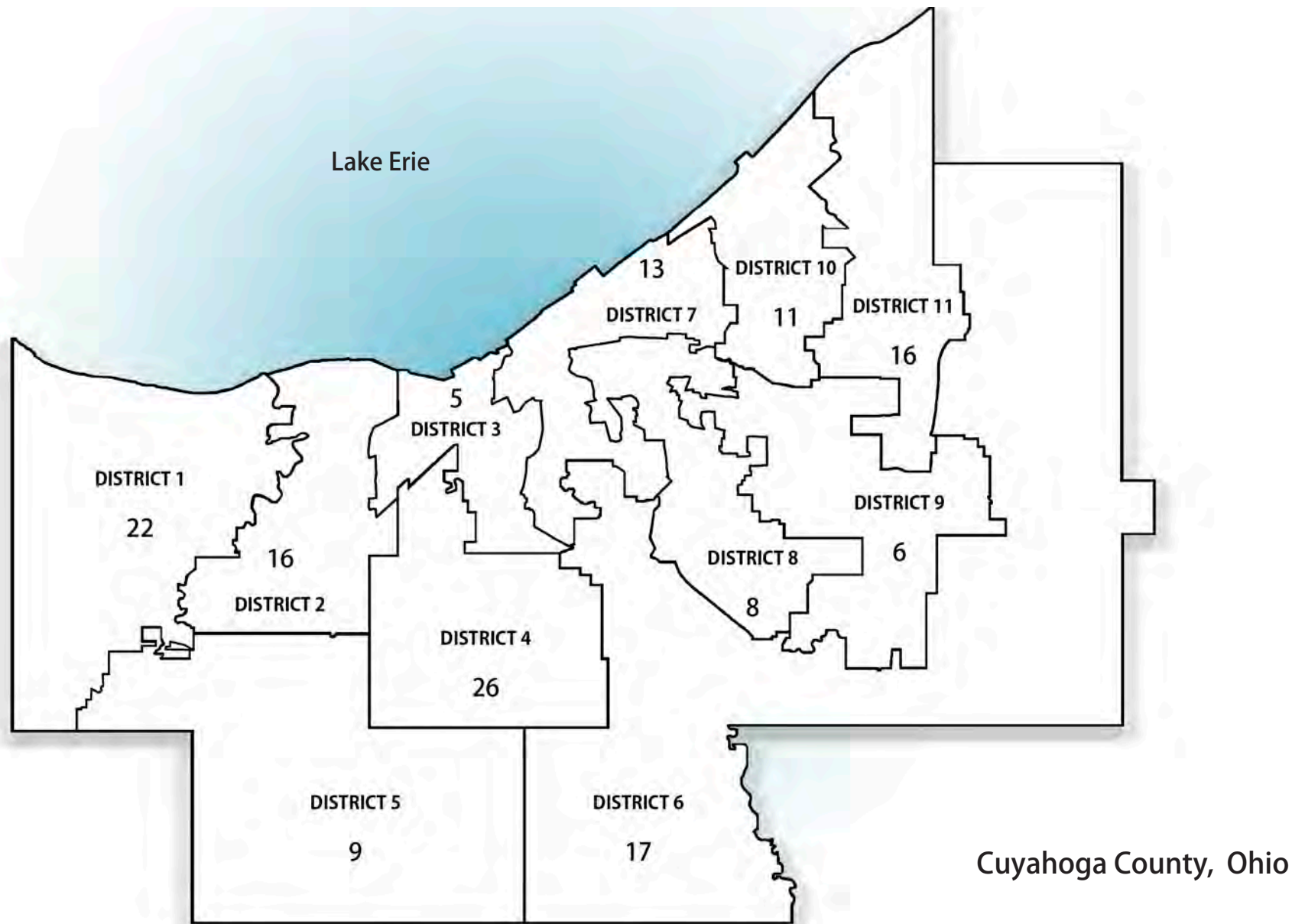
Cuyahoga County, Ohio

*Injury location is unknown for 90 cases and 34 cases are from outside of Cuyahoga County.

2012 FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

DISTRIBUTION OF FATALITIES FROM ACCIDENTS IN OTHER PLACES BY COUNCIL DISTRICT

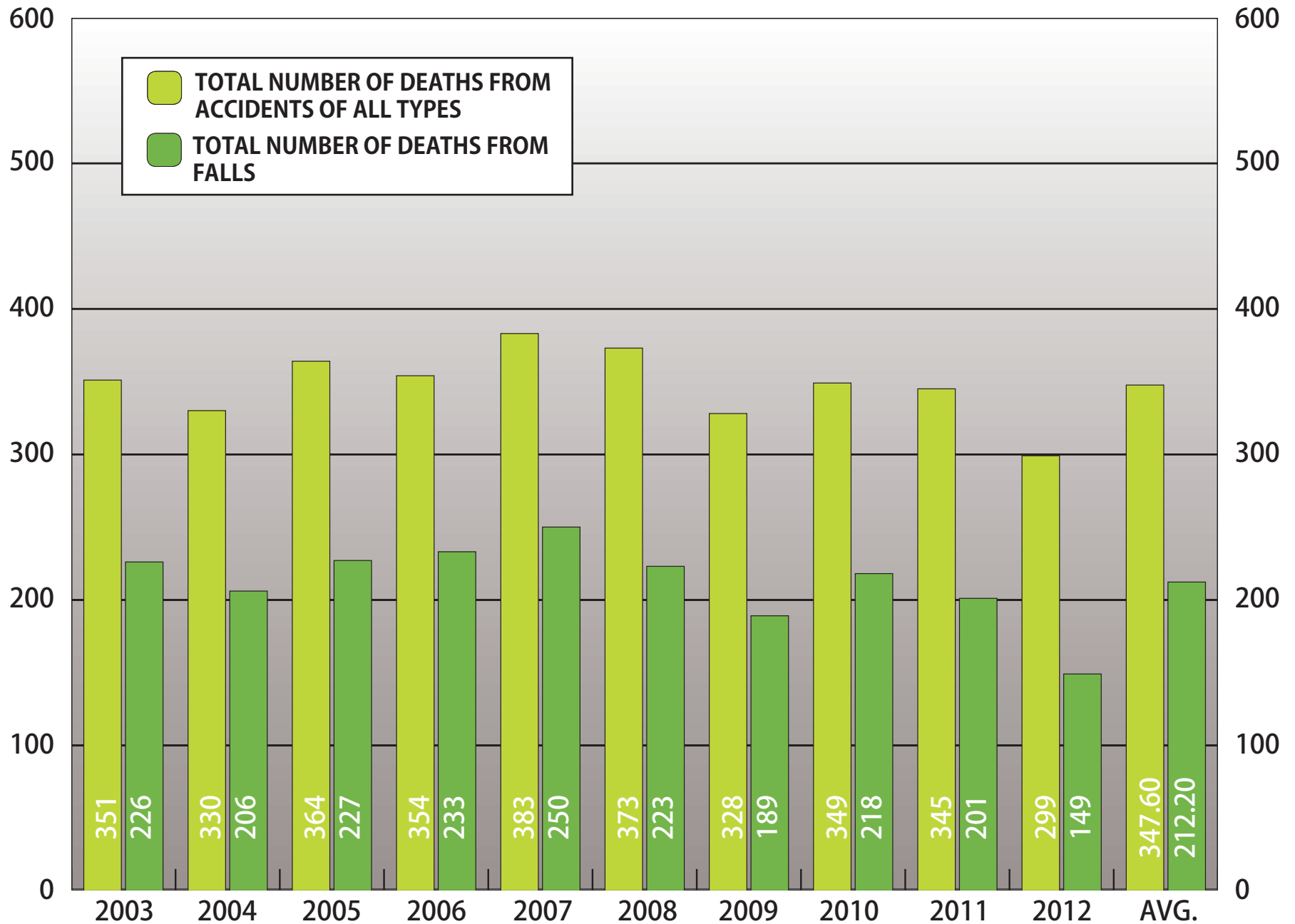
MAP 3B



*Injury location is unknown or from an unknown council district for 116 cases and 34 cases are from outside of Cuyahoga County.

2012 FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

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



2012 FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

MONTHLY ETHANOL INCIDENCE

TABLE 22

												Not Tested		Tested								Stages															
																						0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over			
Month	Total	Total		Cleveland		County		Out of County		Unknown		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
January	26	11	15	1	2	3	10	1	1	6	2	3	11	8	4	5	3	3	1	2	0	0	1	0	0	0	0	0	1	0	0	0					
February	26	13	13	3	2	5	6	1	0	4	5	4	5	9	8	7	8	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0					
March	26	19	7	7	1	5	4	2	0	5	2	9	4	10	3	7	2	3	1	1	0	1	0	1	0	0	0	0	0	0	0	1					
April	23	12	11	2	3	4	4	1	3	5	1	6	9	6	2	5	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0					
May	29	18	11	5	0	4	3	1	4	8	4	12	8	6	3	2	2	4	1	1	1	1	0	2	0	0	0	0	0	0	0	0					
June	14	4	10	0	1	0	6	0	1	4	2	1	9	3	1	2	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0					
July	34	20	14	5	1	7	11	2	0	6	2	9	11	11	3	9	3	2	0	0	0	0	0	0	0	0	1	0	1	0	0	0					
August	38	17	21	8	2	4	11	2	3	3	5	8	17	9	4	7	4	2	0	0	0	0	1	0	1	0	0	0	0	0	0	0					
September	20	15	5	5	1	4	2	2	1	4	1	5	4	10	1	5	1	5	0	2	0	0	0	1	0	0	0	1	0	0	1	0					
October	19	11	8	2	1	2	5	2	0	5	2	8	7	3	1	1	0	2	1	1	1	0	0	0	1	0	0	0	0	0	0	0					
November	20	10	10	1	4	4	4	0	0	5	2	2	6	8	4	5	3	3	1	0	0	3	1	0	0	0	0	0	0	0	0	0					
December	24	14	10	4	1	1	4	5	2	4	3	7	10	7	0	5	0	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0					
Total	299	164	135	43	19	43	70	19	15	59	31	74	101	90	34	60	29	30	5	7	2	6	2	5	0	5	0	3	0	3	0	1	1				

2012 FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

TABLE 23

AGE - RACE - ETHNICITY - ETHANOL INCIDENCE

					Not Tested		Tested						Stages													
		Ethnicity		Total			Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over			
Age	Race	Total	Hispanic	Non-Hispanic	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 Year	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 - 4	White	2	0	2	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 9	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 - 14	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 - 19	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 - 24	White	10	0	10	0	0	7	3	4	2	3	1	0	1	0	0	1	0	2	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 - 29	White	9	0	9	0	0	6	3	5	2	1	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0
	Black	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 - 34	White	8	0	8	0	2	5	1	3	1	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
	Black	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 - 39	White	6	0	6	1	0	5	0	3	0	2	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 - 44	White	14	1	13	0	0	13	1	9	1	4	0	1	0	1	0	1	0	0	0	1	0	0	0	0	0
	Black	2	0	2	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 - 49	White	8	0	8	0	0	5	3	2	2	3	1	1	0	0	1	1	0	0	0	1	0	0	0	0	0
	Black	7	0	7	0	0	4	3	3	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	American Indian	1	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
50 - 54	White	12	1	11	2	0	9	1	5	0	4	1	2	0	1	1	1	0	0	0	0	0	0	0	0	0
	Black	13	0	13	1	0	8	4	5	4	3	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55 - 59	White	15	1	14	4	1	7	3	4	2	3	1	1	0	0	0	0	0	1	0	0	0	1	0	0	1
	Black	10	0	10	2	1	2	5	1	5	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2012 FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

AGE - RACE - ETHNICITY - ETHANOL INCIDENCE (continued)

TABLE 23

					Not Tested		Tested						Stages													
							Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over	
Age	Race	Total	Hispanic	Non-Hispanic	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
60 - 64	White	11	0	11	6	2	3	0	2	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0		
	Black	9	0	9	1	1	7	0	6	0	1	0	1	0	0	0	0	0	0	0	0	0	0			
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
65 - 69	White	10	0	10	6	3	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Black	3	0	3	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0			
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
70 - 74	White	12	0	12	5	5	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Black	2	0	2	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
75 - 79	White	15	0	15	8	6	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
80 and Over	White	111	0	111	33	76	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Black	6	0	6	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Total	White	243	3	240	66	95	63	19	40	14	23	5	5	2	4	2	5	0	4	0	3	0	2	0		
	Black	55	0	55	8	6	26	15	20	15	6	0	2	0	2	0	0	0	1	0	0	0	0	1		
	American Indian	1	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0		
Grand Total		299	3	296	74	101	90	34	60	29	30	5	7	2	6	2	5	0	5	0	3	0	3	0		

2012 FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

TABLE 24

MODE - ETHANOL INCIDENCE

												Not Tested		Tested						Stages													
																				0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over	
Total		M		F		M		F		M		F		M		F		M		F		M		F		M		F		M		F	
Mode	Total	10	5	5	2	2	3	3	0	0	0	6	2	4	3	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Asphyxia	15	10	5	5	2	2	3	3	0	0	0	6	2	4	3	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Burning	1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Exposure	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Falling	149	59	90	13	8	26	60	13	14	7	8	53	89	6	1	5	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0		
Miscellaneous	8	6	2	2	1	3	1	1	0	0	0	2	2	4	0	3	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0		
Poisoning	104	75	29	21	7	11	2	1	0	42	20	6	2	69	27	44	22	25	5	6	2	6	2	5	0	3	0	3	0	2	0	1	
Undetermined	21	13	8	2	0	1	4	0	1	10	3	7	6	6	2	3	2	3	0	1	0	0	0	0	0	1	0	0	0	1	0		
Total	299	164	135	43	19	43	70	19	15	59	31	74	101	90	34	60	29	30	5	7	2	6	2	5	0	5	0	3	0	3	0	1	

2012 FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

MODE* - ETHANOL INCIDENCE

TABLE 25

												Not Tested		Tested						Stages											
																				Total		Cleveland		County		Out of County		Unknown		Total	
Mode	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Asphyxia:																															
Bolus of Food	8	5	3	4	2	1	1	0	0	0	0	4	0	1	3	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drowning	6	5	1	1	0	1	1	3	0	0	0	2	1	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hanging	1	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	15	10	5	5	2	2	3	3	0	0	0	6	2	4	3	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Burning:																															
Fire/Explosion	1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exposure:																															
Cold	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

*Does not include Falling, Miscellaneous, Poisoning, or Undetermined modes.

2012 FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

TABLE 26

MODE* - ETHANOL INCIDENCE

												Not Tested		Tested						Stages												
														Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over
Mode	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Single Chemical Agent:																																
Acetaminophen	1	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cannabinoids	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cocaine	25	15	10	5	3	1	0	0	0	9	7	4	1	11	9	10	9	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Ethanol	1	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
Heroin	19	15	4	4	1	4	0	0	0	7	3	0	0	15	4	15	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Methadone	3	2	1	0	0	1	0	0	0	1	1	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxycodone	2	0	2	0	0	0	1	0	0	0	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Salicylate	1	1	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Two or More Chemical Agents:																																
Alprazolam, Cocaine, Heroin, Oxycodone	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alprazolam, Methadone	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amitriptyline, Diazepam, Methadone, Morphine	1	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Benzodiazapines, Opiates	1	1	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bupropion, Heroin	1	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carisoprodol, Diazepam, Heroin	1	1	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Citalopram, Oxycodone	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clonazepam, Heroin	1	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cocaine, Heroin	4	3	1	3	1	0	0	0	0	0	0	1	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cocaine, Heroin, Hydrocodone	1	1	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cocaine, Imipramine	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cocaine, Opiates	2	1	1	0	0	0	0	0	0	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyclobenzaprine, Heroin, Methadone, Quetiapine, Tramadol	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diazepam, Heroin	1	1	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diazepam, Heroin, Tramadol	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heroin, Tramadol	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Combined Effects of Ethanol & Single/Multiple Chemical Agents:																																
Amphetamine, Heroin	1	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Benzodiazepines, Heroin, Hydrocodone, Methadone	1	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Carisoprodol, Diazepam, Diphenhydramine, Tramadol	1	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0

2012 FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

MODE* - ETHANOL INCIDENCE (continued)

TABLE 26

												Not Tested		Tested						Stages													
																				0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over	
		Total		Cleveland		County		Out of County		Unknown				Total		Negative		Positive															
Mode	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Citalopram, Cocaine, Heroin	1	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0		
Cocaine	2	2	0	0	0	0	0	0	0	2	0	0	0	2	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0		
Cocaine, Heroin	4	4	0	1	0	0	0	0	0	3	0	1	0	3	0	0	0	3	0	1	0	0	0	0	1	0	0	1	0	0	0		
Cocaine, Opiate	1	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
Cocaine, Oxycodone	2	2	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0		
Diazepam, Diphenhydramine, Heroin	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0		
Diazepam, Heroin	1	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0		
Dipenhydramine, Heroin	1	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0		
Heroin	11	10	1	3	0	1	0	1	0	5	1	0	0	10	1	1	0	9	1	3	0	2	1	2	0	1	0	1	0	0	0		
Heroin, Hydrocodone	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0		
Heroin, Oxycodone	2	2	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0		
Opiate	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0		
Total	104	75	29	21	7	11	2	1	0	42	20	6	2	69	27	44	22	25	5	6	2	6	2	5	0	3	0	3	0	2	0	0	1

*Includes only Overdose cases.

2012 FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

TABLE 27

MODE - AGE GROUPS

Mode	Under 1 Year		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80 and Over		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
Asphyxia	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	1	0	1	2	1	0	0	0	2	2	10	5	15	
Burning	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1		
Exposure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
Falling	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3	0	4	1	5	1	6	3	5	4	8	6	27	74	59	90	149
Miscellaneous	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	2	0	0	0	1	0	1	0	0	1	0	0	0	1	6	2	8		
Poisoning	0	0	0	0	0	0	0	0	0	0	5	3	5	4	5	1	5	0	13	2	9	4	14	5	9	9	8	0	0	0	1	0	1	0	0	1	75	29	104
Undetermined	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	1	1	0	0	0	2	2	0	0	1	1	0	0	6	4	13	8	21	
Total	0	0	2	0	0	0	0	1	0	7	3	6	4	6	3	6	0	14	2	10	6	20	5	15	10	17	3	8	5	8	6	9	6	35	82	164	135	299	

2012 FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

FALLS - ETHANOL INCIDENCE

TABLE 28

		Total		Not Tested		Tested						Stages											
						Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%	
Falls by Code	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
E880 - Fall On or From Stairs or Steps	2	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E881 - Fall From Ladder or Scaffolding	1	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
E882 - Fall From Building or Other Structure																							
Roof	1	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E883 - Fall Into Hole or Other Opening in Surface																							
Bathtub	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E884 - Fall From One Level to Another																							
Bed	3	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bicycle	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commode	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hoyer Lift	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wheelchair	4	1	3	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E885 - Fall On Same Level	131	49	82	47	81	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E888 - Unspecified Fall	3	3	0	1	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	149	59	90	53	89	6	1	5	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0

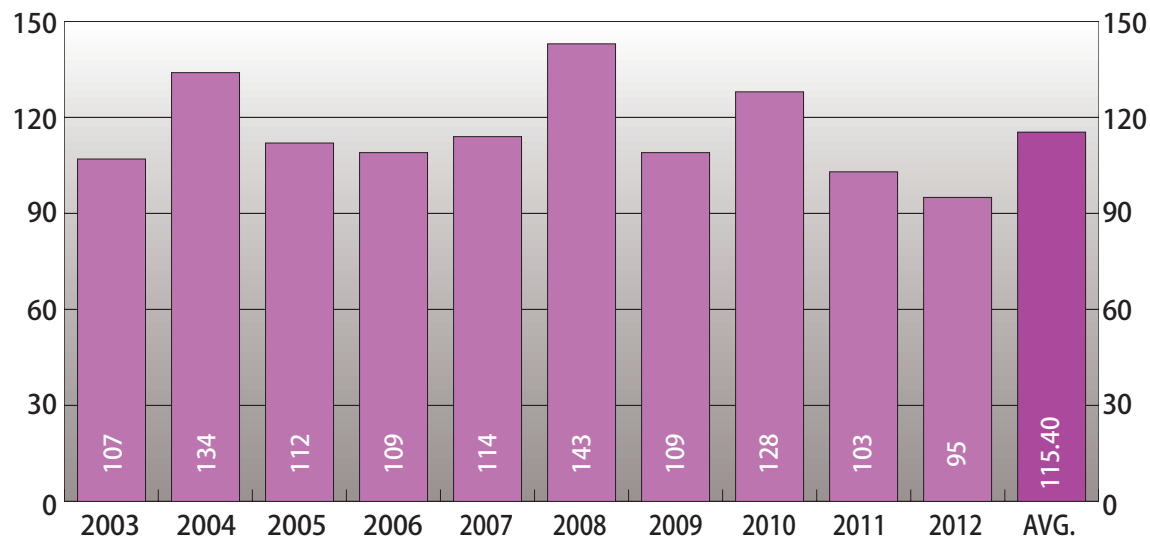
2012 FATALITIES RESULTING FROM ACCIDENTS IN OTHER PLACES

TABLE 29

FALLS - AGE GROUPS

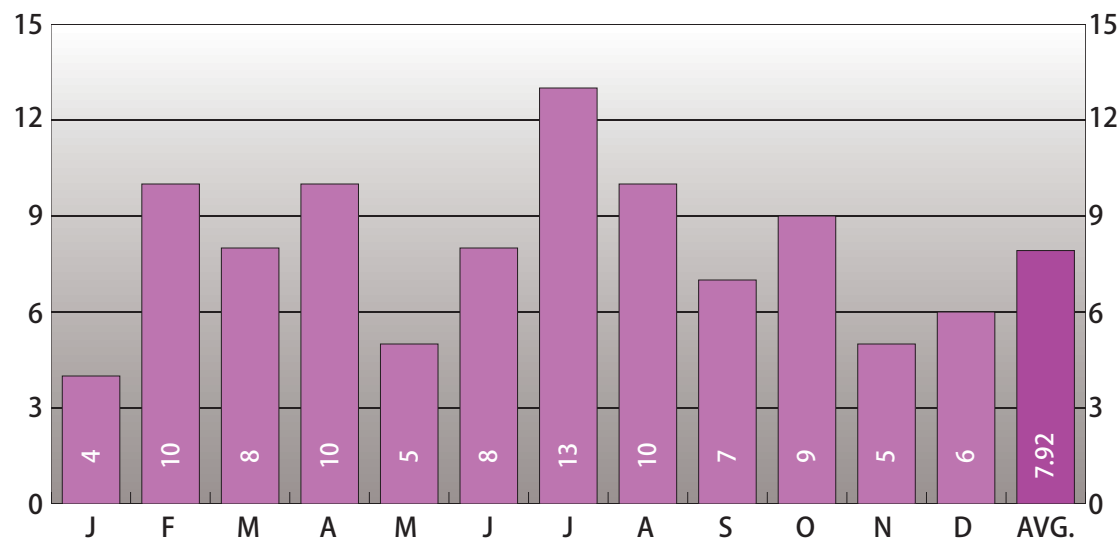
Falls by Code	Under 1 Year		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80 and Over		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
E880 - Fall On or From Stairs or Steps	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2	2		
E881 - Fall From Ladder or Scaffolding	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
E882 - Fall From Building or Other Structure																																							
Roof	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	
E883 - Fall Into Hole or Other Opening in Surface																																							
Bathtub	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	
E884 - Fall From One Level to Another																																							
Bed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	3	0	3	
Bicycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	
Commode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	
Hoyer Lift	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	
Wheelchair	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3	1	3	4	
E885 - Fall On Same Level	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	4	1	4	1	5	3	4	3	7	6	24	67	49	82	131	
E888 - Unspecified Fall	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	3	0	3	
Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3	0	4	1	5	1	6	3	5	4	8	6	27	74	59	90	149	

2012 VEHICULAR FATALITIES FOR A PERIOD OF TEN YEARS



2012
TOTAL CASES
95

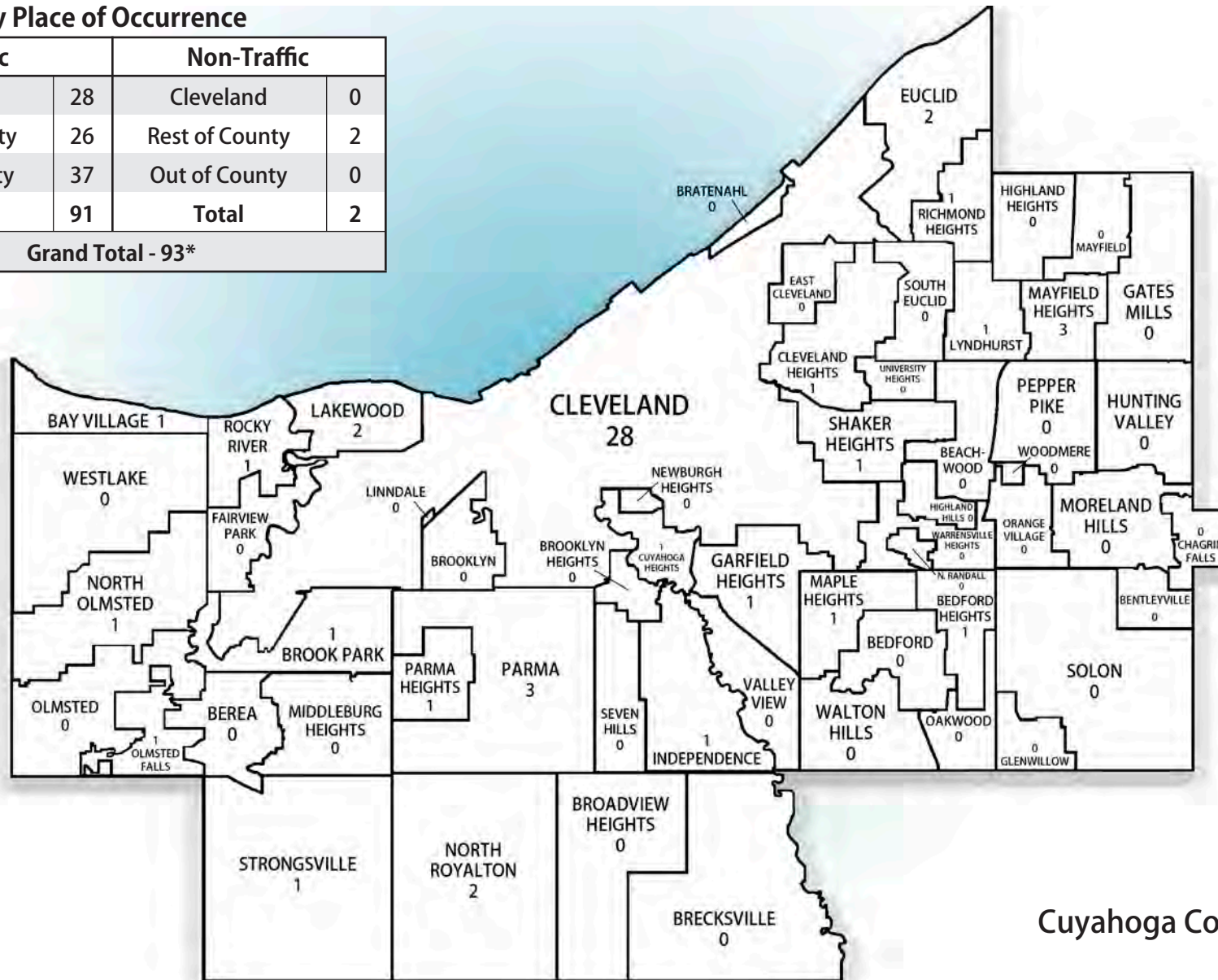
2012 VEHICULAR FATALITIES BY MONTH FOR THE YEAR 2012



		NUMBER	PERCENT
GENDER	MALE	66	69.47
	FEMALE	29	30.53
RACE	WHITE	74	77.89
	BLACK	21	22.11
ETHNICITY	HISPANIC	3	3.16
	NON-HISPANIC	92	96.84
ETHANOL	TESTED	63	66.32
	POSITIVE	26	27.37
AUTOPSIED		53	55.79

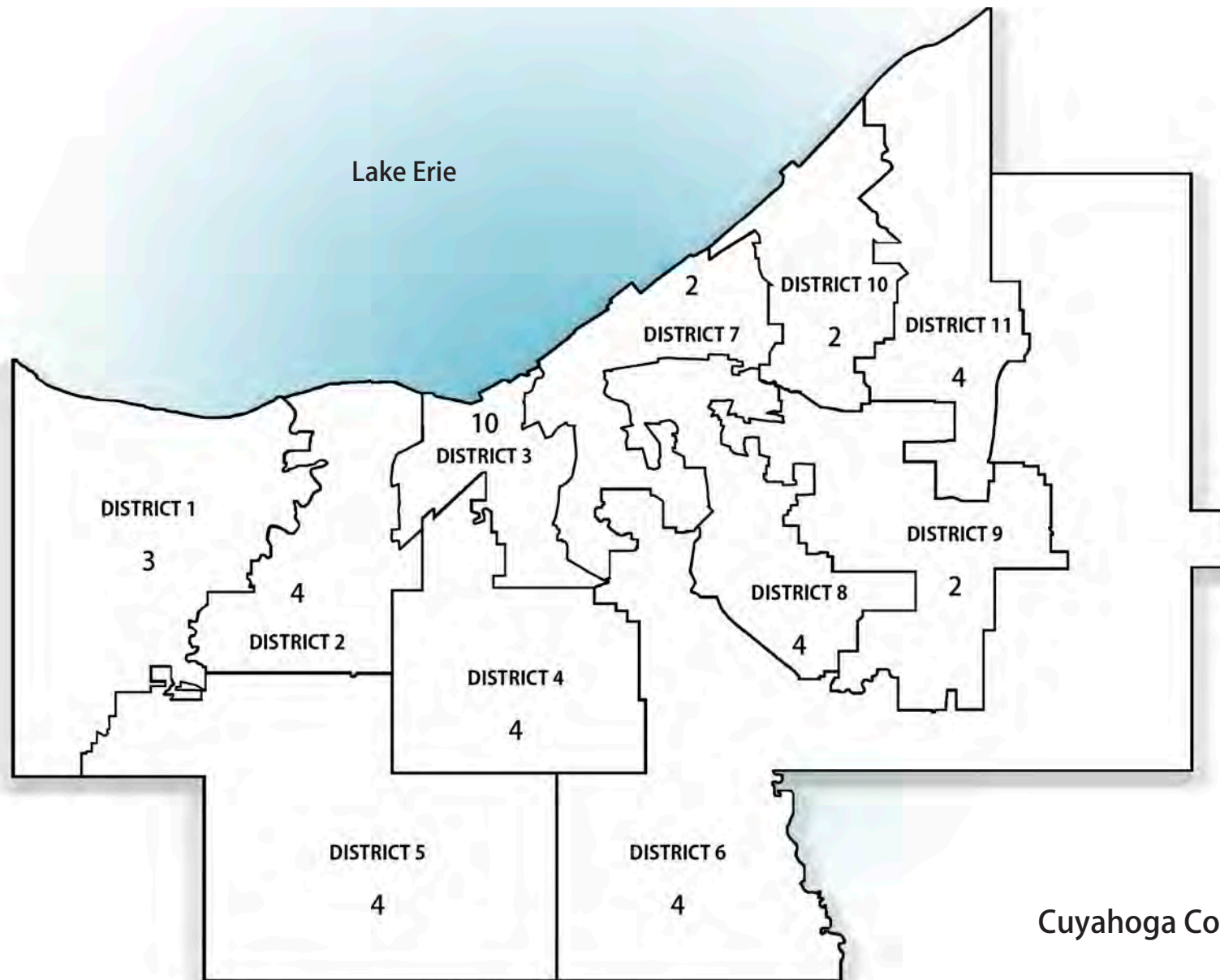
By Place of Occurrence

Traffic		Non-Traffic	
Cleveland	28	Cleveland	0
Rest of County	26	Rest of County	2
Out of County	37	Out of County	0
Total	91	Total	2
Grand Total - 93*			



Cuyahoga County, Ohio

***Injury location and/or traffic type is unknown for 2 cases.**



Cuyahoga County, Ohio

*Injury location is unknown or from an unknown council district for 15 cases and 37 cases are from outside of Cuyahoga County.

BLOOD ALCOHOL CONCENTRATION (BAC) BY WEIGHT AND GENDER

BAC Table for Women

Number of Drinks* per Hour	0	.00	.00	.00	.00	.00	.00	.00	.00	.00
	1	.05	.05	.04	.03	.03	.03	.02	.02	.02
	2	.10	.09	.08	.07	.06	.05	.05	.04	.04
	3	.15	.14	.11	.10	.09	.08	.07	.06	.06
	4	.20	.18	.15	.13	.11	.10	.09	.08	.08
	5	.25	.23	.19	.16	.14	.13	.11	.10	.09
	6	.30	.27	.23	.19	.17	.15	.14	.12	.11
	7	.35	.32	.27	.23	.20	.18	.16	.14	.13
	8	.40	.36	.30	.26	.23	.20	.18	.17	.15
	9	.45	.41	.34	.29	.26	.23	.20	.19	.17
	10	.51	.45	.38	.32	.28	.25	.23	.21	.19
	90	100	120	140	160	180	200	220	240	
Body Weight in Pounds										

BAC Table for Men

Number of Drinks* per Hour	0	.00	.00	.00	.00	.00	.00	.00	.00	.00
	1	-	.04	.03	.03	.02	.02	.02	.02	.02
	2	-	.08	.06	.05	.05	.04	.04	.03	.03
	3	-	.11	.09	.08	.07	.06	.06	.05	.05
	4	-	.15	.12	.11	.09	.08	.08	.07	.06
	5	-	.19	.16	.13	.12	.11	.09	.09	.08
	6	-	.23	.19	.16	.14	.13	.11	.10	.09
	7	-	.26	.22	.19	.16	.15	.13	.12	.11
	8	-	.30	.25	.21	.19	.17	.15	.14	.13
	9	-	.34	.28	.24	.21	.19	.17	.15	.14
	10	-	.38	.31	.27	.23	.21	.19	.17	.16
	90	100	120	140	160	180	200	220	240	
Body Weight in Pounds										

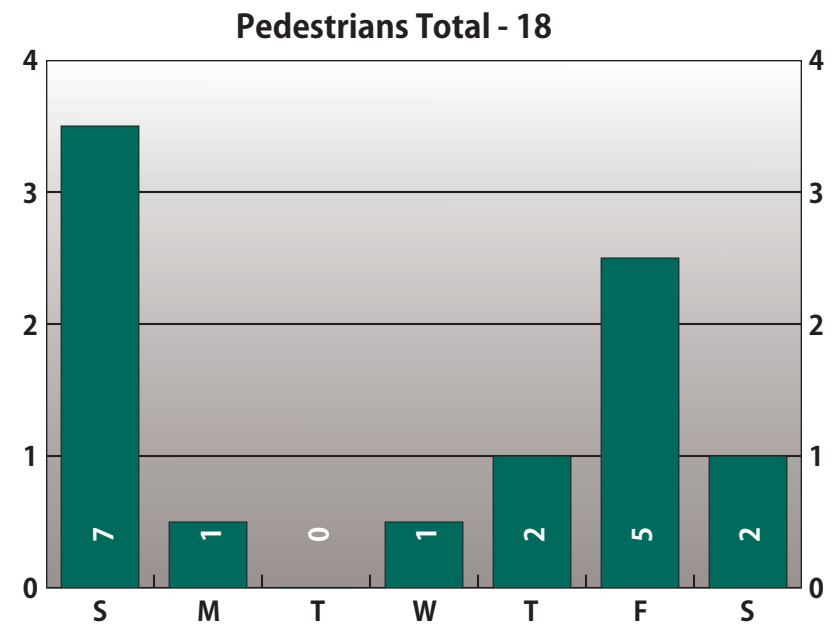
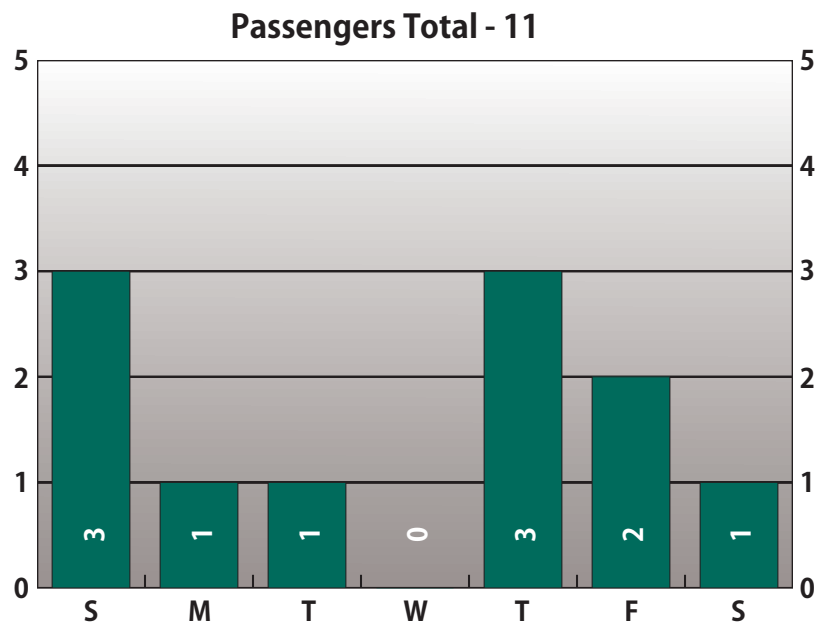
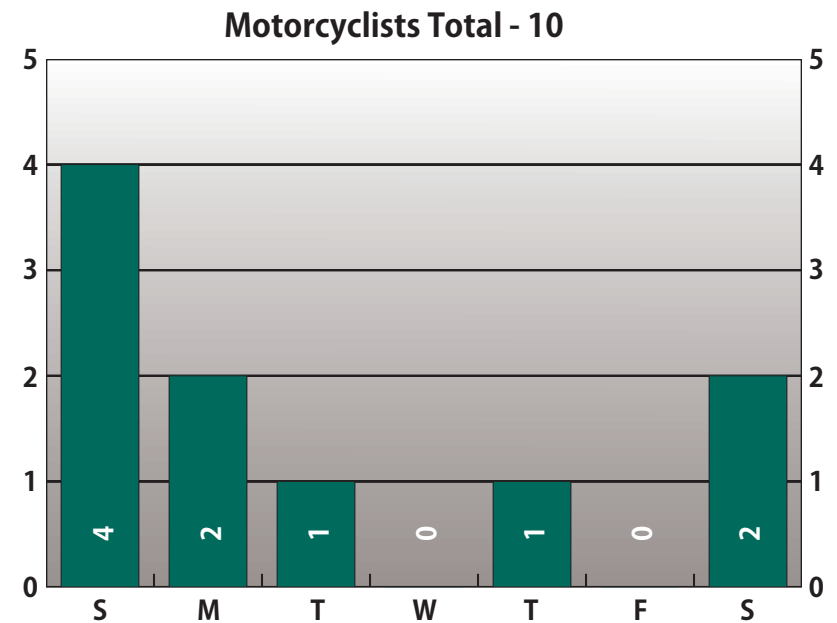
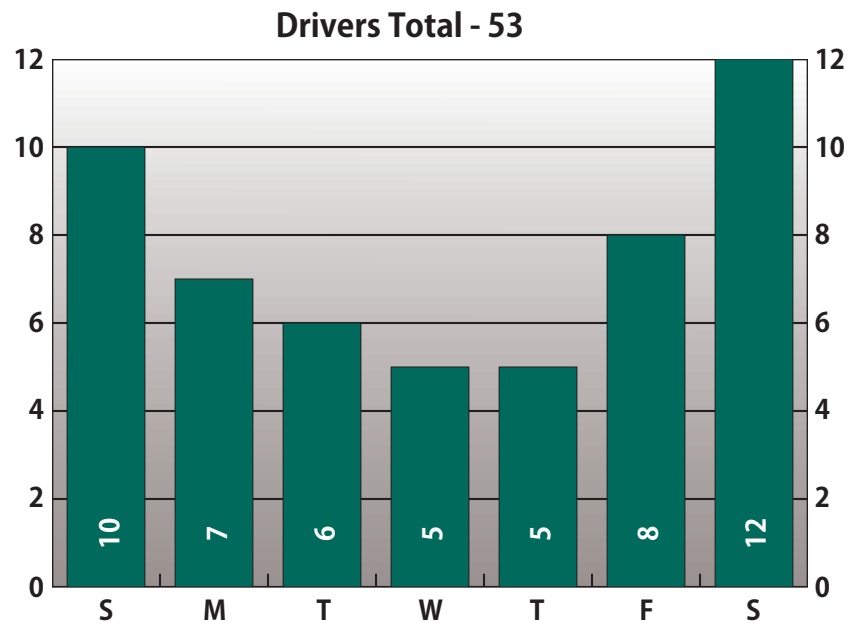
Please Note: This chart represents estimated blood concentrations for average individuals. It is not meant to be taken as a guide to alcohol consumption.

*A drink is defined as 1.25 ounces of 80 proof liquor (whiskey, vodka, gin, etc.), 12 ounces of beer or 5 ounces of wine.

From: Virginia Polytechnic Institute and State University (<http://www.alcohol.vt.edu/Students/alcoholEffects/estimatingBAC/index.htm>)

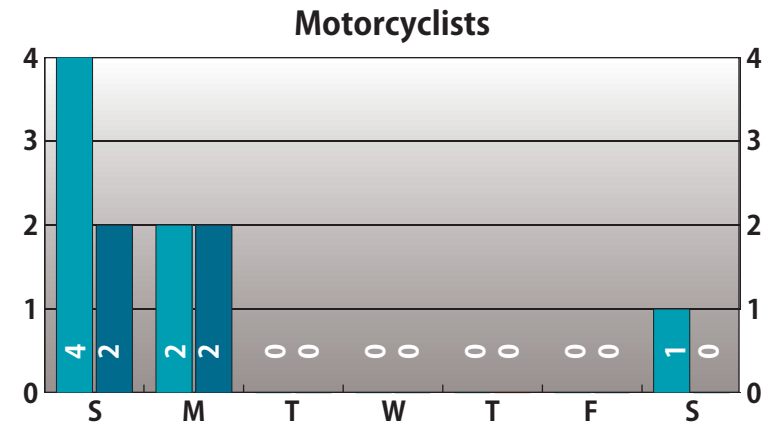
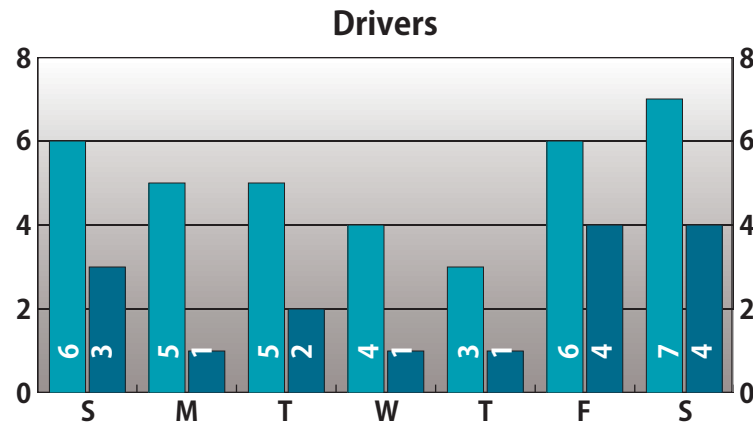
2012 VEHICULAR FATALITIES



DAILY INCIDENCE*



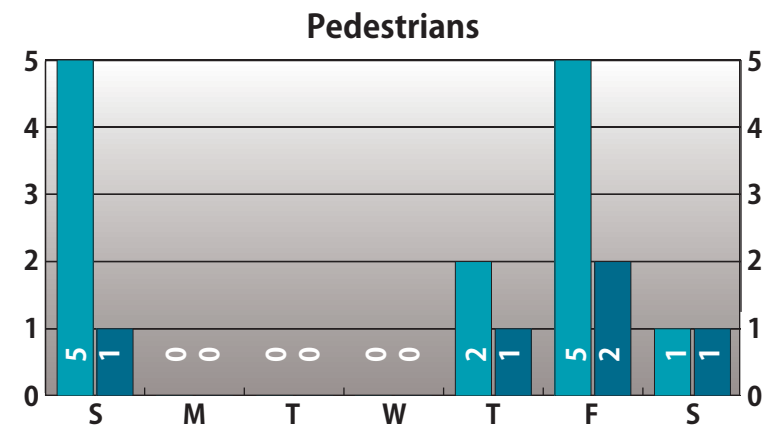
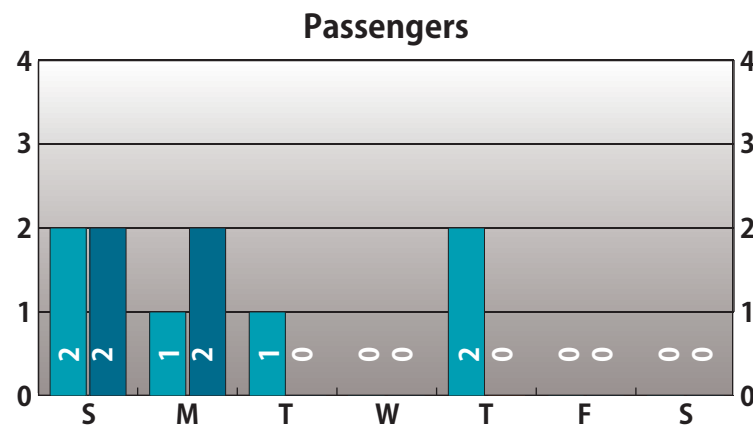
*Injury date and/or classification is unknown for 2 cases.

2012 VEHICULAR FATALITIES DAILY ETHANOL INCIDENCE



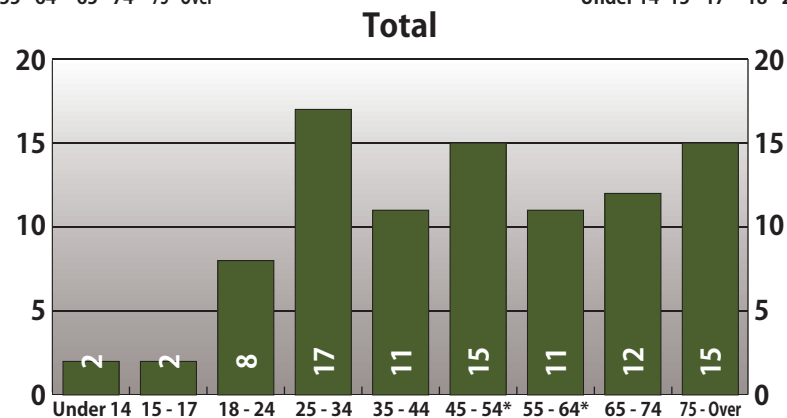
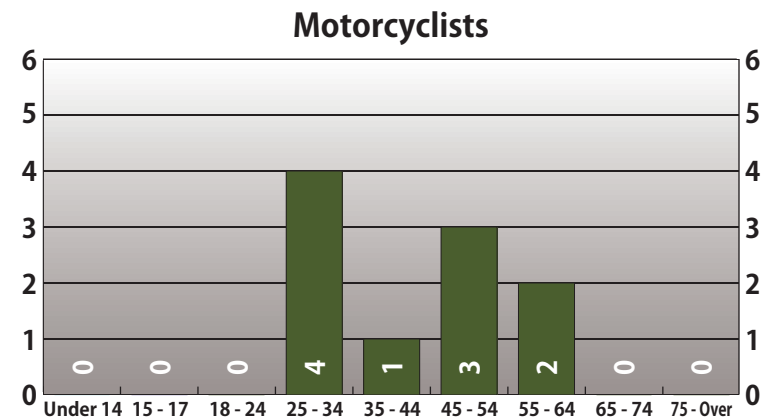
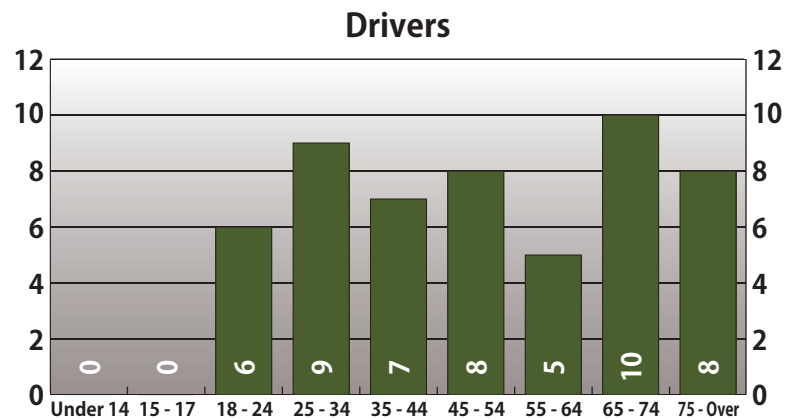
 **Total Tested**
 **Tested Positive**

	Tested	Positive
Drivers	36	16
Motorcyclists	7	4
Passengers	6	1
Pedestrians	13	5
Total	62	26

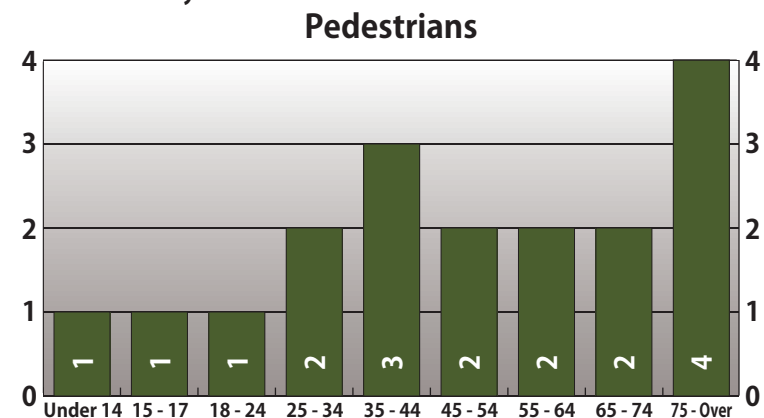
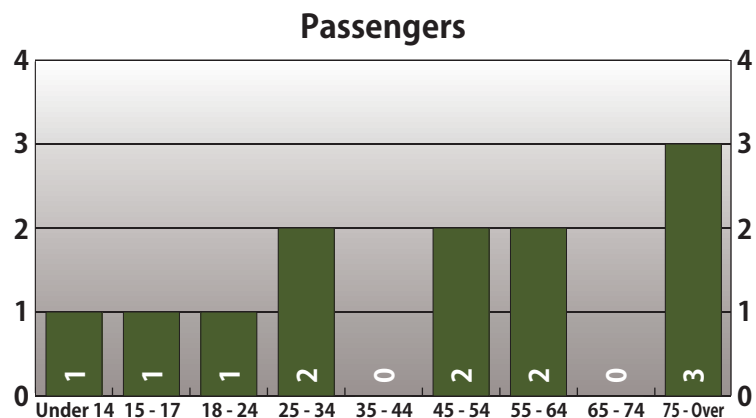


2012 VEHICULAR FATALITIES

AGE GROUPS - CLASSIFICATION* OF VICTIMS



* Classification is unknown for 1 case. 1 case is classified as a bicyclist.



2012 VEHICULAR FATALITIES

TABLE 30

CLASSIFICATION OF VICTIMS - ETHANOL INCIDENCE

														Not Tested		Tested						Stages													
																Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over	
Classification	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Driver	53	38	15	14	5	9	4	15	6	0	0	0	0	12	5	26	10	14	6	12	4	1	2	2	0	2	0	5	0	1	2	0	0	1	0
Motorcyclist	10	10	0	1	0	4	0	5	0	0	0	0	0	3	0	7	0	3	0	4	0	1	0	2	0	1	0	0	0	0	0	0	0	0	
Passenger	12	5	7	0	0	1	2	3	5	0	0	1	0	2	4	3	3	2	3	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
Pedestrian	18	11	7	6	2	2	5	3	0	0	0	0	0	4	1	7	6	3	5	4	1	1	0	0	0	1	0	1	1	1	0	0	0	0	
Bicyclist	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Unknown	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	95	66	29	21	7	17	11	26	11	0	0	2	0	22	10	44	19	23	14	21	5	3	2	4	0	4	0	6	1	3	2	0	0	1	0

2012 VEHICULAR FATALITIES

TABLE 31

DRIVERS/AGE OF VICTIMS - ETHANOL INCIDENCE

														Not Tested		Tested						Stages													
																Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over	
Age	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Under 14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
15-17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
18-24	6	5	1	2	0	1	1	2	0	0	0	0	0	1	0	4	1	1	0	3	1	1	1	0	0	2	0	0	0	0	0	0			
25-34	9	5	4	1	2	1	0	3	2	0	0	0	0	0	0	5	4	2	1	3	3	0	1	0	0	0	0	2	0	1	2	0	0		
35-44	7	6	1	2	1	1	0	3	0	0	0	0	0	2	0	4	1	2	1	2	0	0	0	0	0	1	0	0	0	0	0	0	1	0	
45-54	8	6	2	3	0	2	1	1	1	0	0	0	0	1	2	5	0	3	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
55-64	5	4	1	1	0	1	1	2	0	0	0	0	0	3	0	1	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
65-74	10	9	1	3	0	2	1	4	0	0	0	0	0	3	0	6	1	5	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
75 and Older	8	3	5	2	2	1	0	0	3	0	0	0	0	2	3	1	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	53	38	15	14	5	9	4	15	6	0	0	0	0	12	5	26	10	14	6	12	4	1	2	2	0	2	0	5	0	1	2	0	0	1	0

2012 VEHICULAR FATALITIES

MONTHLY ETHANOL INCIDENCE

TABLE 32

														Not Tested		Tested						Stages													
		Total		Cleveland		County		Out of County		Turnpike		Unknown				Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over	
Month	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
January	4	4	0	0	0	2	0	2	0	0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
February	10	4	6	1	1	1	3	2	2	0	0	0	0	0	1	4	5	1	5	3	0	0	0	0	3	0	0	0	0	0	0	0	0	0	
March	8	6	2	3	1	1	1	1	0	0	0	1	0	1	0	5	2	4	1	1	1	0	1	0	0	0	0	1	0	0	0	0	0	0	
April	10	8	2	2	0	4	1	2	1	0	0	0	0	1	1	7	1	4	0	3	1	0	0	1	0	0	0	2	0	0	1	0	0	0	
May	5	4	1	2	0	1	0	0	1	0	0	1	0	2	1	2	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	
June	8	6	2	1	0	0	2	5	0	0	0	0	0	3	1	3	1	2	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
July	13	9	4	4	0	3	1	2	3	0	0	0	0	3	2	6	2	3	1	3	1	0	1	0	0	0	0	2	0	1	0	0	0	0	
August	10	5	5	2	0	0	3	3	2	0	0	0	0	4	2	1	3	0	2	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	
September	7	5	2	1	1	1	0	3	1	0	0	0	0	1	0	4	2	2	2	2	0	0	0	1	0	1	0	0	0	0	0	0	0	0	
October	9	8	1	3	1	2	0	3	0	0	0	0	0	5	0	3	1	2	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
November	5	3	2	1	2	1	0	1	0	0	0	0	0	0	1	3	1	1	0	2	1	0	0	0	0	0	0	0	0	1	1	0	0	1	
December	6	4	2	1	1	1	0	2	1	0	0	0	0	2	1	2	1	0	1	2	0	0	0	1	0	0	0	1	0	0	0	0	0	0	
Total	95	66	29	21	7	17	11	26	11	0	0	2	0	22	10	44	19	23	14	21	5	3	2	4	0	4	0	6	1	3	2	0	0	1	0

TABLE 33

DAILY ETHANOL INCIDENCE

				Not Tested		Tested						Stages													
						Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over	
Day	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Sunday	24	15	9	2	5	13	4	9	2	4	2	1	0	1	0	0	0	1	1	1	1	0	0	0	0
Monday	11	9	2	3	0	6	2	3	2	3	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0
Tuesday	8	6	2	2	0	4	2	3	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Wednesday	6	5	1	2	0	3	1	2	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Thursday	11	6	5	3	1	3	4	0	4	3	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0
Friday	16	9	7	1	3	8	4	3	3	5	1	0	1	1	0	1	0	2	0	1	0	0	0	0	0
Saturday	17	14	3	7	1	7	2	3	1	4	1	0	0	1	0	1	0	2	0	0	1	0	0	0	0
Unknown	2	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	95	66	29	22	10	44	19	23	14	21	5	3	2	4	0	4	0	6	1	3	2	0	0	1	0

2012 VEHICULAR FATALITIES

AGE - RACE - ETHNICITY - ETHANOL INCIDENCE

TABLE 34

					Not Tested		Tested						Stages													
							Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over	
Age	Race	Total	Hispanic	Non-Hispanic	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
14 and Under	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	2	0	2	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 - 17	White	2	1	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 - 24	White	5	0	5	1	0	3	1	2	0	1	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0
	Black	3	0	3	0	0	2	1	0	0	2	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0
25 - 34	White	13	1	12	1	1	9	2	3	1	6	1	1	0	1	0	1	0	2	0	1	1	0	0	0	0
	Black	4	0	4	0	0	2	2	1	0	1	2	0	1	0	0	0	0	0	0	1	1	0	0	0	0
35 - 44	White	7	1	6	3	0	3	1	2	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	Black	4	0	4	1	0	3	0	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
45 - 54	White	13	0	13	4	2	7	0	4	0	3	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0
	Black	2	0	2	0	0	2	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
55 - 64	White	11	0	11	4	1	5	1	3	1	2	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
	Black	2	0	2	0	0	1	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
65 - 74	White	10	0	10	4	0	4	2	3	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	Black	2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 and Over	White	13	0	13	4	5	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	2	0	2	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	White	74	3	71	21	9	31	13	17	11	14	2	1	1	4	0	4	0	3	0	2	1	0	0	0	0
	Black	21	0	21	1	1	13	6	6	3	7	3	2	1	0	0	0	0	3	1	1	1	0	0	1	0
Grand Total		95	3	92	22	10	44	19	23	14	21	5	3	2	4	0	4	0	6	1	3	2	0	0	1	0

TABLE 35

TYPE OF ACCIDENT - ETHANOL INCIDENCE

														Not Tested		Tested						Stages													
																Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over	
Type	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Non-Traffic:																																			
Collision	2	1	1	0	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Total	2	1	1	0	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Traffic:																																			
Traffic Collision	90	62	28	21	7	16	10	24	11	0	0	1	0	19	9	43	19	22	14	21	5	3	2	4	0	4	0	6	1	3	2	0	0	1	0
Traffic/Non-Collision	2	2	0	0	0	0	0	2	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total	92	64	28	21	7	16	10	26	11	0	0	1	0	20	9	44	19	23	14	21	5	3	2	4	0	4	0	6	1	3	2	0	0	1	0
Unknown Traffic and Collision Type	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Grand Total	95	66	29	21	7	17	11	26	11	0	0	2	0	22	10	44	19	23	14	21	5	3	2	4	0	4	0	6	1	3	2	0	0	1	0

Traffic Accident (On-Roadway Accident): An on-roadway accident is (1) a collision accident in which the initial point of contact between colliding units is the first harmful event is within a roadway or (2) a noncollision accident in which the road vehicle involved was partly or entirely on the roadway at the time of the first harmful event.

Non-Traffic Accident (Off Roadway Accident): An off-roadway accident is any road vehicle accident other than an on-roadway accident.

Collision Accident: A collision accident is a road vehicle accident other than an overturning accident in which the first harmful event is a collision of a road vehicle in-transport with another road vehicle, other property or pedestrians.

Non-Collision Accident: A non-collision accident is any road vehicle accident other than a collision accident.

2012 VEHICULAR FATALITIES

NON-TRAFFIC ETHANOL INCIDENCE

TABLE 36

												Not Tested		Tested						Stages											
														Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%	
Type*	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Auto-Pedestrian	2	1	1	0	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2	1	1	0	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

*The order of decedents and/or vehicles listed under "Type" is not intended to suggest a contributing circumstance. For example, in this publication Truck-Auto is the same as Auto-Truck.

TABLE 37

TRAFFIC - COLLISION - ETHANOL INCIDENCE

														Not Tested		Tested						Stages													
		Total		Cleveland		County		Out of County		Turnpike		Unknown				Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over	
Type*	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Auto-Auto, Driver	6	3	3	1	1	2	2	0	0	0	0	0	0	1	1	2	2	2	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0		
Auto-Bicycle, Bicyclist	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Auto-Fixed Object, Driver	24	19	5	10	0	3	1	6	4	0	0	0	0	5	2	14	3	5	2	9	1	0	0	1	0	1	0	5	0	1	1	0	0	1	0
Auto-Fixed Object, Passenger	2	1	1	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Auto-Motorcycle, Motorcyclist	4	4	0	0	0	2	0	2	0	0	0	0	0	2	0	2	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
Auto-Pedestrian	9	6	3	2	0	1	3	3	0	0	0	0	0	1	0	5	3	2	2	3	1	1	0	0	0	1	0	1	1	0	0	0	0	0	
Auto-Pedestrian, Driver	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Auto-Truck, Driver	8	6	2	1	1	2	0	3	1	0	0	0	0	2	0	4	2	2	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	
Auto-Truck, Passenger	3	0	3	0	0	0	2	0	1	0	0	0	0	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Motor Vehicle Accident, Passenger	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Motorcycle-Deer, Motorcyclist	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
Motorcycle-Fixed Object, Motorcyclist	3	3	0	1	0	0	0	2	0	0	0	0	0	1	0	2	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	
Motorcycle-Truck, Motorcyclist	2	2	0	0	0	1	0	1	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Police Vehicle-Motorcycle, Passenger on Motorcycle	1	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Truck-Deer, Driver	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Truck-Fixed Object, Driver	9	5	4	1	3	1	0	3	1	0	0	0	0	3	2	2	2	1	1	1	1	0	0	0	0	1	0	0	0	1	0	0	0	0	
Truck-Fixed Object, Passenger	2	1	1	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
Truck-Pedestrian	6	3	3	3	2	0	1	0	0	0	0	0	0	2	0	1	3	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Truck-Truck, Driver	3	2	1	0	0	1	1	1	0	0	0	0	0	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Truck-Truck, Passenger	2	1	1	0	0	0	0	1	1	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Unknown Motor Vehicle-Pedestrian	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
Total	90	62	28	21	7	16	10	24	11	0	0	1	0	19	9	43	19	22	14	21	5	3	2	4	0	4	0	6	1	3	2	0	0	1	0

*The order of decedents and/or vehicles listed under "Type" is not intended to suggest a contributing circumstance. For example, in this publication Truck-Auto is the same as Auto-Truck.

2012 VEHICULAR FATALITIES

TRAFFIC - COLLISION - ETHANOL INCIDENCE (DRIVERS)

TABLE 37A

														Not Tested		Tested						Stages													
																						Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%	
Type*	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Auto-Auto	6	3	3	1	1	2	2	0	0	0	0	0	0	1	1	2	2	2	1	0	1	0	1	0	0	0	0	0	0	0	0	0			
Auto-Fixed Object	24	19	5	10	0	3	1	6	4	0	0	0	0	5	2	14	3	5	2	9	1	0	0	1	0	1	5	0	1	1	0	0	1	0	
Auto-Pedestrian	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Auto-Truck	8	6	2	1	1	2	0	3	1	0	0	0	0	2	0	4	2	2	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0		
Truck-Deer	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Truck-Fixed Object	9	5	4	1	3	1	0	3	1	0	0	0	0	3	2	2	2	1	1	1	1	0	0	0	0	1	0	0	0	1	0	0	0	0	
Truck-Truck	3	2	1	0	0	1	1	1	0	0	0	0	0	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total	52	37	15	14	5	9	4	14	6	0	0	0	0	11	5	26	10	14	6	12	4	1	2	2	0	2	0	5	0	1	2	0	0	1	0

2012 VEHICULAR FATALITIES

TRAFFIC - COLLISION - ETHANOL INCIDENCE (MOTORCYCLISTS)

TABLE 37B

													Not Tested		Tested						Stages											
															Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%	
Type*	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Auto-Motorcycle	4	4	0	0	0	0	0	2	0	0	0	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
Motorcycle-Deer	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	
Motorcycle-Fixed Object	3	3	0	1	0	1	0	2	0	0	0	0	1	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	
Motorcycle-Truck	2	2	0	0	0	0	0	1	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	10	10	0	1	0	1	0	5	0	0	0	0	3	0	7	0	3	0	4	0	1	0	2	0	1	0	0	0	0	0	0	0

*The order of decedents and/or vehicles listed under "Type" is not intended to suggest a contributing circumstance. For example, in this publication Truck-Auto is the same as Auto-Truck.

2012 VEHICULAR FATALITIES

TABLE 37C

TRAFFIC - COLLISION - ETHANOL INCIDENCE (PASSENGERS)

														Not Tested	Tested						Stages											
															Total		Negative		Positive		0.01% - 0.04%	0.05% - 0.08%	0.09% - 0.14%	0.15% - 0.19%	0.20% - 0.24%	0.25% - 0.29%	0.30% or Over					
Type*	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Auto-Fixed Object	2	1	1	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
Auto-Truck	3	0	3	0	0	0	2	0	1	0	0	0	0	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
Auto-Auto	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Police Vehicle-Motorcycle	1	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Truck-Fixed Object	2	1	1	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	
Truck-Truck	2	1	1	0	0	0	0	1	1	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
Total	11	4	7	0	0	1	2	2	5	0	0	1	0	2	4	2	3	1	3	1	0	0	0	0	0	0	0	1	0	0	0	0

2012 VEHICULAR FATALITIES

TABLE 37D

TRAFFIC - COLLISION - ETHANOL INCIDENCE (PEDESTRIANS)

														Not Tested		Tested						Stages											
																						0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%	
Type*	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Auto	9	6	3	2	0	1	3	3	0	0	0	0	0	1	0	5	3	2	2	3	1	1	0	0	0	0	1	1	0	0	0	0	
Truck	6	3	3	3	2	0	1	0	0	0	0	0	0	2	0	1	3	1	3	0	0	0	0	0	0	0	0	0	0	0	0		
Unknown Motor Vehicle	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	
Total	16	10	6	6	2	1	4	3	0	0	0	0	0	3	0	7	6	3	5	4	1	1	0	0	0	1	0	1	1	1	0	0	0

*The order of decedents and/or vehicles listed under "Type" is not intended to suggest a contributing circumstance. For example, in this publication Truck-Auto is the same as Auto-Truck.

2012 VEHICULAR FATALITIES

TRAFFIC - NON-COLLISION - ETHANOL INCIDENCE

TABLE 38

													Not Tested		Tested						Stages												
		Total		Cleveland		County		Out of County		Turnpike		Unknown			Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over
Type	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
All Terrain Vehicle	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Accident, Driver																																	
Motorcycle Accident, Passenger	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	2	2	0	0	0	2	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

2012 VEHICULAR FATALITIES WHILE AT WORK

TABLE 39

TRAFFIC AND NON-TRAFFIC - MONTHLY ETHANOL INCIDENCE

There were no Traffic and/or Non-Traffic related vehicular fatalities while at work in 2012.

2012 VEHICULAR FATALITIES

TABLE 40

WEATHER CONDITIONS - ETHANOL INCIDENCE

														Not Tested	Tested								Stages												
															Total		Cleveland		County		Out of County		Turnpike		Unknown		Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%
Weather Condition	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Clear	62	46	16	15	2	13	8	18	6	0	0	0	0	15	6	31	10	18	8	13	2	2	1	3	0	1	0	5	1	2	0	0	0	0	
Cloudy	19	10	9	4	4	3	2	3	3	0	0	0	0	2	2	8	7	4	5	4	2	1	1	1	0	0	1	0	1	1	0	0	0	0	
Rain	8	5	3	2	1	0	1	3	1	0	0	0	0	2	1	3	2	0	1	3	1	0	0	0	0	2	0	0	0	1	0	0	1	0	
Snow	3	2	1	0	0	0	0	2	1	0	0	0	0	0	1	2	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
Other/Unknown	3	3	0	0	0	1	0	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	95	66	29	21	7	17	11	26	11	0	0	2	0	22	10	44	19	23	14	21	5	3	2	4	0	4	0	6	1	3	2	0	0	1	0

2012 VEHICULAR FATALITIES

ROAD CONDITIONS - ETHANOL INCIDENCE

TABLE 41

														Not Tested		Tested						Stages													
																Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over	
Road Condition	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Dry	72	49	23	15	4	15	10	19	9	0	0	0	0	15	8	34	15	18	12	16	3	3	1	4	0	1	0	5	1	3	1	0	0	0	0
Wet	19	13	6	5	3	1	1	7	2	0	0	0	0	4	2	9	4	4	2	5	2	0	1	0	0	3	0	1	0	0	1	0	0	1	0
Snow	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Unknown	3	3	0	0	0	1	0	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	95	66	29	21	7	17	11	26	11	0	0	2	0	22	10	44	19	23	14	21	5	3	2	4	0	4	0	6	1	3	2	0	0	1	0

2012 VEHICULAR FATALITIES

LIGHT CONDITIONS - ETHANOL INCIDENCE

TABLE 42

														Not Tested		Tested						Stages														
																Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over		
Light Condition		Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F						
Daylight		54	35	19	10	4	11	8	14	7	0	0	0	0	16	9	19	10	15	10	4	0	0	0	3	0	1	0	0	0	0	0	0	0		
Dark - Lighted Roadway		25	17	8	7	3	5	3	5	2	0	0	0	0	3	0	14	8	2	3	12	5	1	2	0	0	3	0	4	1	3	2	0	0	1	0
Dark - Not Lighted		7	6	1	0	0	1	0	5	1	0	0	0	0	0	1	6	0	3	0	3	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0
Dawn		2	2	0	1	0	0	0	1	0	0	0	0	0	0	0	2	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Dusk		5	4	1	3	0	0	0	1	1	0	0	0	0	1	0	3	1	2	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Unknown		2	2	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		95	66	29	21	7	17	11	26	11	0	0	2	0	22	10	44	19	23	14	21	5	3	2	4	0	4	0	6	1	3	2	0	0	1	0

2012 VEHICULAR FATALITIES WHILE AT WORK

TABLE 43

CLASSIFICATION OF VICTIMS - AGE GROUPS

Classification	Under 14		15 - 17		18 - 24		25 - 34		35 - 44		45 - 54		55 - 64		65 - 74		75 and Over		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Bicyclist	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1
Driver	0	0	0	0	5	1	5	4	6	1	6	2	4	1	9	1	3	5	38	15	53
Motorcyclist	0	0	0	0	0	0	4	0	1	0	3	0	2	0	0	0	0	0	10	0	10
Passenger	0	1	0	1	1	0	1	1	0	0	2	0	0	2	0	0	1	2	5	7	12
Pedestrian	0	1	0	1	0	1	2	0	3	0	2	0	2	0	1	1	1	3	11	7	18
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1
Total	0	2	0	2	6	2	12	5	10	1	13	2	10	3	10	2	5	10	66	29	95

2012 VEHICULAR FATALITIES

TABLE 44

MONTH AND AGE GROUPS

Month	Under 14		15 - 17		18 - 24		25 - 34		35 - 44		45 - 54		55 - 64		65 - 74		75 and Over		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
January	0	0	0	0	0	0	1	0	0	0	1	0	1	0	1	0	0	0	4	0	4
February	0	0	0	2	0	0	1	0	1	0	1	0	0	0	0	1	1	3	4	6	10
March	0	0	0	0	0	0	1	1	2	0	3	0	0	0	0	1	0	0	6	2	8
April	0	0	0	0	0	0	2	1	1	0	3	0	1	0	1	0	0	1	8	2	10
May	0	0	0	0	1	0	1	1	0	0	0	0	1	0	1	0	0	0	4	1	5
June	0	0	0	0	2	0	0	0	1	0	1	1	0	1	1	0	1	0	6	2	8
July	0	1	0	0	2	1	1	0	0	0	2	1	4	0	0	0	0	1	9	4	13
August	0	0	0	0	0	1	0	0	3	0	0	0	0	2	2	0	0	2	5	5	10
September	0	0	0	0	0	0	1	1	0	0	0	0	1	0	2	0	1	1	5	2	7
October	0	1	0	0	1	0	2	0	0	0	1	0	1	0	2	0	1	0	8	1	9
November	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	1	3	2	5
December	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	1	1	4	2	6
Total	0	2	0	2	6	2	12	5	10	1	13	2	10	3	10	2	5	10	66	29	95

2012 VEHICULAR FATALITIES - AUTOPSIES

MONTH AND AGE GROUPS

TABLE 45

Month	Under 14		15 - 17		18 - 24		25 - 34		35 - 44		45 - 54		55 - 64		65 - 74		75 and Over		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
January	0	0	0	0	0	0	1	0	0	0	1	0	1	0	1	0	0	0	4	0	4
February	0	0	0	2	0	0	1	0	1	0	1	0	0	0	0	0	1	2	4	4	8
March	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	1	0	0	3	2	5
April	0	0	0	0	0	0	2	1	1	0	2	0	0	0	1	0	0	0	6	1	7
May	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	2
June	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	2	1	3
July	0	1	0	0	2	1	1	0	0	0	0	0	2	0	0	0	0	0	5	2	7
August	0	0	0	0	0	1	0	0	2	0	0	0	0	1	0	0	0	0	2	2	4
September	0	0	0	0	0	0	1	0	0	0	0	0	1	0	2	0	0	1	4	1	5
October	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2	1	3
November	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	2
December	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	2	1	3
Total	0	2	0	2	5	2	8	3	7	1	6	0	5	2	5	1	1	3	37	16	53

TABLE 46

MAJOR INJURY AND SURVIVAL INTERVAL

	Driver						Motorcyclist						Passenger						Pedestrian						Total					
	Total	Dead on Arrival	Less Than 12 Hours	12 - 24 Hours	1 - 7 Days	8 Days or More	Total	Dead on Arrival	Less Than 12 Hours	12 - 24 Hours	1 - 7 Days	8 Days or More	Total	Dead on Arrival	Less Than 12 Hours	12 - 24 Hours	1 - 7 Days	8 Days or More	Total	Dead on Arrival	Less Than 12 Hours	12 - 24 Hours	1 - 7 Days	8 Days or More	Total	Dead on Arrival	Less Than 12 Hours	12 - 24 Hours	1 - 7 Days	8 Days or More
Major Injury																														
Brain, Fracture of Skull Only	2	0	0	0	1	1	2	0	1	0	1	0	2	1	0	0	0	1	4	0	1	0	1	2	10	1	2	0	3	4
Brain, Fracture of Skull and Body Fractures	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	
Chest, Fracture of Thoracic Cage	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	1	
Extremities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	1	
Head and Extremities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	1	0	
Head and Trunk	10	2	3	1	3	1	3	0	1	0	1	1	3	0	1	0	1	1	0	0	0	0	0	16	2	5	1	5	3	
Head, Trunk and Extremities	23	6	9	1	5	2	3	1	2	0	0	0	5	1	1	1	1	1	12	3	7	2	0	0	44	11	20	4	6	3
Miscellaneous Injuries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	
Spinal Cord, Fracture of Vertebra	3	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	2	
Trunk	2	0	2	0	0	0	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	4	0	2	0	0	2	
Trunk and Extremities	10	1	3	1	1	4	1	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	12	1	4	1	1	5	
Total*	53	9	17	3	12	12	10	1	5	0	2	2	12	2	2	1	2	5	18	3	8	2	2	3	95	15	33	6	18	23

*Classification is unknown for 1 case. 1 case is a bicyclist.

MAJOR INJURY AND SURVIVAL INTERVAL - AGE GROUPS (ALL CLASSIFICATIONS)

TABLE 47

[illegible]

TABLE 47A

MAJOR INJURY AND SURVIVAL INTERVAL - AGE GROUPS (DRIVERS)

	Age	Abdomen					Brain					Chest					Miscellaneous					Multiple Injuries					Spinal Cord					Trunk					Total										
		Total	Dead on Arrival	Less Than 12 Hours	12 - 24 Hours	1 - 7 Days	8 Days or More	Total	Dead on Arrival	Less Than 12 Hours	12 - 24 Hours	1 - 7 Days	8 Days or More	Total	Dead on Arrival	Less Than 12 Hours	12 - 24 Hours	1 - 7 Days	8 Days or More	Total	Dead on Arrival	Less Than 12 Hours	12 - 24 Hours	1 - 7 Days	8 Days or More	Total	Dead on Arrival	Less Than 12 Hours	12 - 24 Hours	1 - 7 Days	8 Days or More	Total	Dead on Arrival	Less Than 12 Hours	12 - 24 Hours	1 - 7 Days	8 Days or More										
	Under 14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
	15-17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
	18-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	2	3	0	1	0	0	0	0	0	0	0	0	6	2	3	0	1	0									
	25-34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	3	1	1	0	0	0	0	0	0	2	0	2	0	0	9	2	5	1	1							
	35-44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	3	0	1	1	0	0	0	0	0	0	0	0	7	2	3	0	1	1									
	45-54	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	7	0	1	1	3	2	0	0	0	0	0	0	0	8	0	1	1	3	3										
	55-64	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	2	1	0	1	0	0	1	0	0	0	1	0	5	1	0	1	3	0											
	65-74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	1	3	0	2	3	1	0	0	0	0	1	10	1	3	0	2	4											
	75 and Over	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	5	1	2	0	1	1	1	0	0	0	0	1	8	1	2	0	1	4											
	Total	0	0	0	0	0	0	3	0	0	0	1	2	2	0	0	0	1	0	0	0	0	0	0	0	43	9	15	3	9	7	3	0	0	0	1	2	2	0	2	0	53	9	17	3	12	12

2012 VEHICULAR FATALITIES

MAJOR INJURY AND SURVIVAL INTERVAL - AGE GROUPS (MOTORCYCLISTS)

TABLE 47B

	Abdomen										Brain					Chest					Miscellaneous					Multiple Injuries					Spinal Cord					Trunk					Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	Total	Dead on Arrival				Less Than 12 Hours		12 - 24 Hours		1 - 7 Days		8 Days or More		Total	Dead on Arrival				Less Than 12 Hours		12 - 24 Hours		1 - 7 Days		8 Days or More		Total	Dead on Arrival				Less Than 12 Hours		12 - 24 Hours		1 - 7 Days		8 Days or More		Total	Dead on Arrival				Less Than 12 Hours		12 - 24 Hours		1 - 7 Days		8 Days or More																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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MAJOR INJURY AND SURVIVAL INTERVAL - AGE GROUPS (PASSENGERS)

[illegible]

MAJOR INJURY AND SURVIVAL INTERVAL - AGE GROUPS (PEDESTRIANS)

TABLE 47D[illegible]

TABLE 48A

GEOGRAPHICAL LOCATION - TYPE OF ACCIDENT* - CLASSIFICATION OF VICTIMS

Cities		Auto												Motorcycle										Truck								Other**				Grand Total
		Auto		Fixed Object		Motorcycle		Non-Collision		Pedestrian		Truck		Fixed Object		Motorcycle		Non-Collision		Pedestrian		Truck		Fixed Object		Non-Collision		Pedestrian		Truck						
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
Bay Village Pedestrian		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
Bedford Heights Driver		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1				
Brook Park Driver		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
Cleveland Driver		1	1	10	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19			
Motorcyclist		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
Pedestrian		0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	1	0	0	8			
Cleveland Heights Driver		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
Euclid Driver		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2			
Garfield Heights Driver		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
Independence Driver		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
Lakewood Motorcyclist		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
Passenger		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
Lyndhurst Pedestrian		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
Maple Heights Driver		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
Mayfield Heights Driver		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
Pedestrian		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2		
North Olmsted Driver		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			

*The order of decedents and/or vehicles listed under "Type" is not intended to suggest a contributing circumstance. For example, in this publication Truck-Auto is the same as Auto-Truck.

**Unknown Motor Vehicle-Pedestrian; Auto-Bicycle; Motorcycle-Deer

2012 VEHICULAR FATALITIES

GEOGRAPHICAL LOCATION - TYPE OF ACCIDENT* - CLASSIFICATION OF VICTIMS (continued)

TABLE 48A

Cities		Auto												Motorcycle										Truck								Other**				Grand Total
		Auto		Fixed Object		Motorcycle		Non-Collision		Pedestrian		Truck		Fixed Object		Motorcycle		Non-Collision		Pedestrian		Truck		Fixed Object		Non-Collision		Pedestrian		Truck						
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
North Royalton		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1			
Bicyclist		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
Passenger		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
Olmsted Falls		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1			
Motorcyclist		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1			
Parma		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2			
Motorcyclist		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
Pedestrian		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Parma Heights		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
Pedestrian		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
Richmond Heights		0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
Driver		0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
Rocky River		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
Pedestrian		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
Shaker Heights		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1			
Passenger		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1			
Strongsville		0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
Driver		0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
Total		3	3	13	1	2	0	0	0	5	4	3	3	1	0	0	0	0	0	0	0	1	0	3	3	0	0	3	3	0	1	3	0	55		

*The order of decedents and/or vehicles listed under "Type" is not intended to suggest a contributing circumstance. For example, in this publication Truck-Auto is the same as Auto-Truck.

**Unknown Motor Vehicle-Pedestrian; Auto-Bicycle; Motorcycle-Deer

TABLE 48B

GEOGRAPHICAL LOCATION - TYPE OF ACCIDENT* - CLASSIFICATION OF VICTIMS

Villages/Townships		Auto												Motorcycle										Truck								Other**				Grand Total
		Auto		Fixed Object		Motorcycle		Non-Collision		Pedestrian		Truck		Fixed Object		Motorcycle		Non-Collision		Pedestrian		Truck		Fixed Object		Non-Collision		Pedestrian		Truck						
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F							
Villages: Cuyahoga Heights Driver		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1					
Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1					

*The order of decedents and/or vehicles listed under "Type" is not intended to suggest a contributing circumstance. For example, in this publication Truck-Auto is the same as Auto-Truck.

**Bus - Pedestrian, Unknown Motor Vehicle - Pedestrian

2012 VEHICULAR FATALITIES

GEOGRAPHICAL LOCATION - TYPE OF ACCIDENT* - CLASSIFICATION OF VICTIMS

TABLE 48C

Out of County/Unknown	Auto												Motorcycle										Truck								Other**				Grand Total
	Auto		Fixed Object		Motorcycle		Non-Collision		Pedestrian		Truck		Fixed Object		Motorcycle		Non-Collision		Pedestrian		Truck		Fixed Object		Non-Collision		Pedestrian		Truck						
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
Out of County	0	0	6	4	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	1	0	2	0	21			
Driver	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	5				
Motorcyclist	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	1	0	1	8			
Passenger	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3				
Pedestrian																																			
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1			
Passenger	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1			
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1			
Total	0	0	7	5	2	0	0	0	3	0	3	2	2	0	0	0	1	0	0	0	1	0	3	2	0	0	0	0	2	1	4	1	39		

*The order of decedents and/or vehicles listed under "Type" is not intended to suggest a contributing circumstance. For example, in this publication Truck-Auto is the same as Auto-Truck.

**All-Terrain Vehicle; Police Vehicle-Motorcycle; Truck-Deer; Unknown Motor Vehicle Accident

TABLE 49

HOURLY - DAILY - ETHANOL INCIDENCE (ALL CASES*)

	Sunday						Monday						Tuesday						Wednesday						Thursday						Friday						Saturday						Totals						Grand Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	Total		Tested		Positive	Total		Tested		Positive	Total		Tested		Positive	Total		Tested		Positive	Total		Tested		Positive	Total		Tested		Positive	Total		Tested		Positive																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Time	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
12:00 A.M.	2	0	2	0	0	0	0	0	0	0	0	1	0	1	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

*Day and/or time is unknown for 3 cases.

2012 VEHICULAR FATALITIES

HOURLY - DAILY - ETHANOL INCIDENCE (DRIVERS)

TABLE 49A

Time	Sunday						Monday						Tuesday						Wednesday						Thursday						Friday						Saturday						Totals						Grand Total
	Total		Tested		Positive		Total		Tested		Positive		Total		Tested		Positive		Total		Tested		Positive		Total		Tested		Positive		Total		Tested		Positive														
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F														
12:00 A.M.	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	1	1	1	3											
1:00 A.M.	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	1	0	2												
2:00 A.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	1	1	1	3	2	3	2	3	2	5									
3:00 A.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
4:00 A.M.	2	1	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	1	2	1	3												
5:00 A.M.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2	0	2												
6:00 A.M.	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1												
7:00 A.M.	1	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	3	0	3	0	1	0								
8:00 A.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	0	0	0								
9:00 A.M.	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	2	1	0	0	0	3							
10:00 A.M.	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	1								
11:00 A.M.	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	2	0	1	0	0	3							
Total A.M.	5	3	5	1	2	1	3	0	3	0	1	0	2	1	1	1	1	1	2	0	1	0	1	0	2	2	1	1	1	0	3	1	3	1	2	1	3	1	2	1	20	8	16	5	10	4	28		
12:00 P.M.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0	1						
1:00 P.M.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	0	2					
2:00 P.M.	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	4	0	0	0	0	0	4					
3:00 P.M.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	2	0	1	0	1	0	2						
4:00 P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	0	0	3					
5:00 P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	1	0	0	0	3	1	1	1	0	0	4
6:00 P.M.	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	2	1	1	0	0	3
7:00 P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	
8:00 P.M.	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	1	1	1	0	0	3					
9:00 P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1				
11:00 P.M.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1					
Total P.M.	1	1	0	0	0	0	3	1	1	1	0	0	3	0	3	0	0	0	2	1	2	1	0	0	0	1	0	1	0	0	2	2	1	1	1	0	7	1	3	1	1	0	18	7	10	5	2	0	25
Grand Total	6	4	5	1	2	1	6	1	4	1	1	0	5	1	4	1	1	1	4	1	3	1	1	0	2	3	1	2	1	0	5	3	4	2	3	1	10	2	5	2	3	1	38	15	26	10	12	4	53

	Sunday						Monday						Tuesday						Wednesday						Thursday						Friday						Saturday						Totals						Grand Total
	Total		Tested		Positive		Total		Tested		Positive		Total		Tested		Positive		Total		Tested		Positive		Total		Tested		Positive		Total		Tested		Positive														
Time	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F													
12:00 A.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
1:00 A.M.	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
2:00 A.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
3:00 A.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
4:00 A.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
5:00 A.M.	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
6:00 A.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
7:00 A.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
8:00 A.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
9:00 A.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
10:00 A.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
11:00 A.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
Total A.M.	1	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
12:00 P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
1:00 P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0													
2:00 P.M.	1	0	1	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
3:00 P.M.	1	0	1	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
4:00 P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
5:00 P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
6:00 P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0													
7:00 P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
8:00 P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
9:00 P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
10:00 P.M.	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
11:00 P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
Total P.M.	3	0	3	0	1	0	2	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0													
Grand Total	4	0	4	0	2	0	2	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0													

2012 VEHICULAR FATALITIES

HOURLY - DAILY - ETHANOL INCIDENCE (PASSENGERS)

TABLE 49C

Time	Sunday						Monday						Tuesday						Wednesday						Thursday						Friday						Saturday						Totals						Grand Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	Total			Tested			Positive			Total			Tested			Positive			Total			Tested			Positive			Total			Tested			Positive			Total			Tested			Positive																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
12:00 A.M.	1	0		1	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		1	0		1	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0	

TABLE 49D

HOURLY - DAILY - ETHANOL INCIDENCE (PEDESTRIANS)

Time	Sunday						Monday						Tuesday						Wednesday						Thursday						Friday						Saturday						Totals						Grand Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	Total		Tested		Positive		Total		Tested		Positive		Total		Tested		Positive		Total		Tested		Positive		Total		Tested		Positive		Total		Tested		Positive																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
12:00 A.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2012 VEHICULAR FATALITIES

HOURLY AND DAILY INCIDENCE* ARRANGED BY CLASSIFICATION

TABLE 50

Time	Sunday				Monday				Tuesday				Wednesday				Thursday				Friday				Saturday				Totals				Grand Total					
	Driver	Motorcyclist	Passenger	Pedestrian	Driver	Motorcyclist	Passenger	Pedestrian	Driver	Motorcyclist	Passenger	Pedestrian	Driver	Motorcyclist	Passenger	Pedestrian	Driver	Motorcyclist	Passenger	Pedestrian	Driver	Motorcyclist	Passenger	Pedestrian	Driver	Motorcyclist	Passenger	Pedestrian										
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F								
12:00 A.M.	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1	0	5		
1:00 A.M.	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	4		
2:00 A.M.	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	3	2	0	0	7	
3:00 A.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1		
4:00 A.M.	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3		
5:00 A.M.	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	3		
6:00 A.M.	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2		
7:00 A.M.	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3		
8:00 A.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2		
9:00 A.M.	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3		
10:00 A.M.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	4		
11:00 A.M.	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	1	5		
Total A.M.	5	3	1	0	1	1	0	2	3	0	0	0	0	0	2	1	1	0	0	1	0	0	2	0	0	0	2	2	0	0	1	1	3	1	0	0	0	42
12:00 P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	
1:00 P.M.	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	4		
2:00 P.M.	0	0	1	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	7		
3:00 P.M.	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	7		
4:00 P.M.	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	4		
5:00 P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	7		
6:00 P.M.	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	6		
7:00 P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4		
8:00 P.M.	0	0	0	0	0	0	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	4	
9:00 P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
10:00 P.M.	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	3		
11:00 P.M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
Total P.M.	1	1	3	0	1	0	3	2	3	1	2	0	0	1	0	3	0	0	0	0	0	0	2	1	0	0	1	0	0	2	2	0	0	0	1	8	49	
Grand Total	6	4	4	0	2	1	3	4	6	1	2	0	0	1	0	5	1	1	0	0	1	0	0	4	1	0	0	0	1	0	2	3	1	0	2	10	91	

*Day and/or time is unknown for 2 cases. Classification is bicyclist for 1 case and unknown for 1 case.

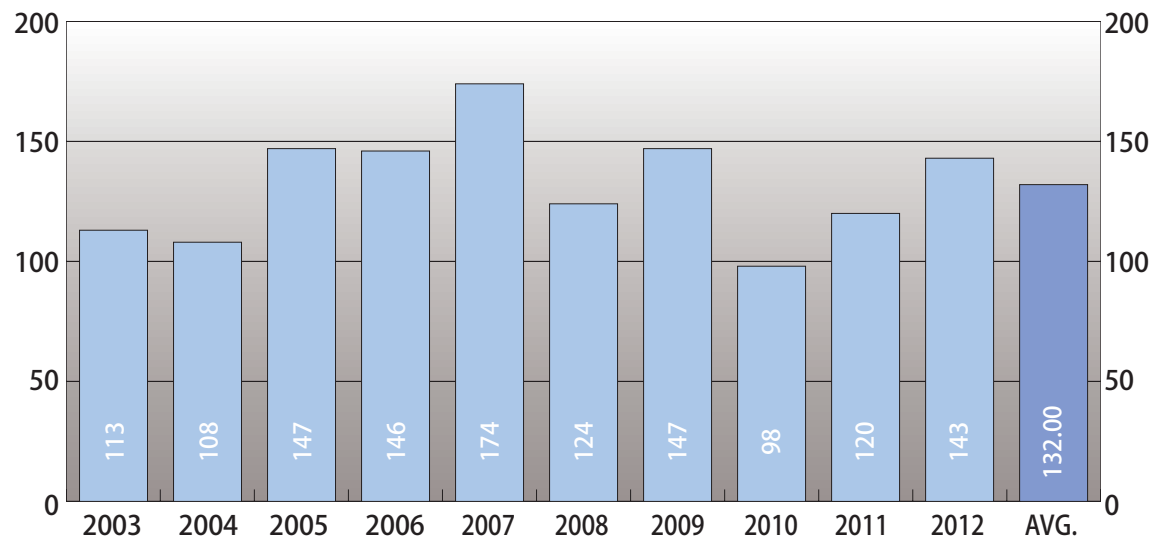
TABLE 51

HOURLY AND DAILY INCIDENCE* ARRANGED BY AGE GROUPS

Time	Sunday						Monday						Tuesday						Wednesday						Thursday						Friday						Saturday						Totals						Grand Total			
	Pre-School			School			Pre-School			School			Adult			Pre-School			School			Adult			Pre-School			School			Adult			Pre-School			School			Adult			Pre-School			School				Adult		
	M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F								
12:00 A.M.	0	0		1	0		1	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		1	0		3	1		5			
1:00 A.M.	0	0		0	0		0	1		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		3	1		4						
2:00 A.M.	0	0		0	0		0	1		0	0		0	0		0	0		0	0		0	0		0	0		2	0		0	0		0	0		1	1		0	0		0	0		4	3		7			
3:00 A.M.	0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		1	0		0	0		0	0		0	0		0	0		1	0		1						
4:00 A.M.	0	0		0	0		2	1		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		2	1		3						
5:00 A.M.	0	0		0	0		1	0		0	0		0	0		0	0		1	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		3	0		3						
6:00 A.M.	0	0		0	0		0	0		0	0		1	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		1	1		2						
7:00 A.M.	0	0		0	0		1	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		1	0		0	0		0	0		3	0		3			
8:00 A.M.	0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	1		0	0		0	0		0	0		0	0		1	1		2						
9:00 A.M.	0	0		0	0		0	1		0	0		0	0		0	0		1	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		2	1		3						
10:00 A.M.	0	0		0	0		1	0		0	0		0	0		0	0		0	0		0	0		0	0		1	1		0	0		0	0		0	1		0	0		2	2		4						
11:00 A.M.	0	0		0	0		0	2		0	0		0	0		0	1		0	0		0	0		0	0		0	1		0	0		0	0		0	0		1	0		1	3		5						
Total A.M.	0	0		1	0		6	6		0	0		0	0		3	0		0	1		0	0		3	1		0	0		0	0		2	0		0	0		5	3		0	0		4	3		42			
12:00 P.M.	0	0		0	0		0	0		0	0		0	0		0	0		1	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		1	0		1						
1:00 P.M.	0	0		0	0		1	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	1		0	0		0	0		3	1		4			
2:00 P.M.	0	0		0	0		1	0		0	0		0	0		3	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		2	1		6	1		7			
3:00 P.M.	0	0		0	0		3	0		0	0		0	0		1	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		5	2		7			
4:00 P.M.	0	0		0	1		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	1		0	0		1	1		2			
5:00 P.M.	0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	2		0	0		0	0		0	1		0	0		0	0		3	0		5	2		7
6:00 P.M.	0	0		0	0		0	1		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	1		1	1		0	0		3	0		4	2		7
7:00 P.M.	0	0		0	0		2	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	1		0	0		0	0		4	0		4			
8:00 P.M.	0	0		0	0		0	0		0	0		0	1		1	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		3	1		4			
9:00 P.M.	0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		1	0		0	0		0	0		0	0		0	0		0	0		1	0		1			
10:00 P.M.	0	0		0	1		1	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		1	0		2	0		3			
11:00 P.M.	0	0		0	0		0	0		0	0		0	0		0	0		1	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		1	0		1			
Total P.M.	0	0		0	2		8	1		0	0		0	1		5	1		0	0		0	0		3	0		0	0		0	0		0	0		3	1		0	2		5	4		0	0		11	2		50
Grand Total	0	0		1	2		14	7		0	0		0	1		8	1		0	1		0	0		6	1		0	0		0	0		0	0		5	1		0	0		6	5		0	0		9	7		92

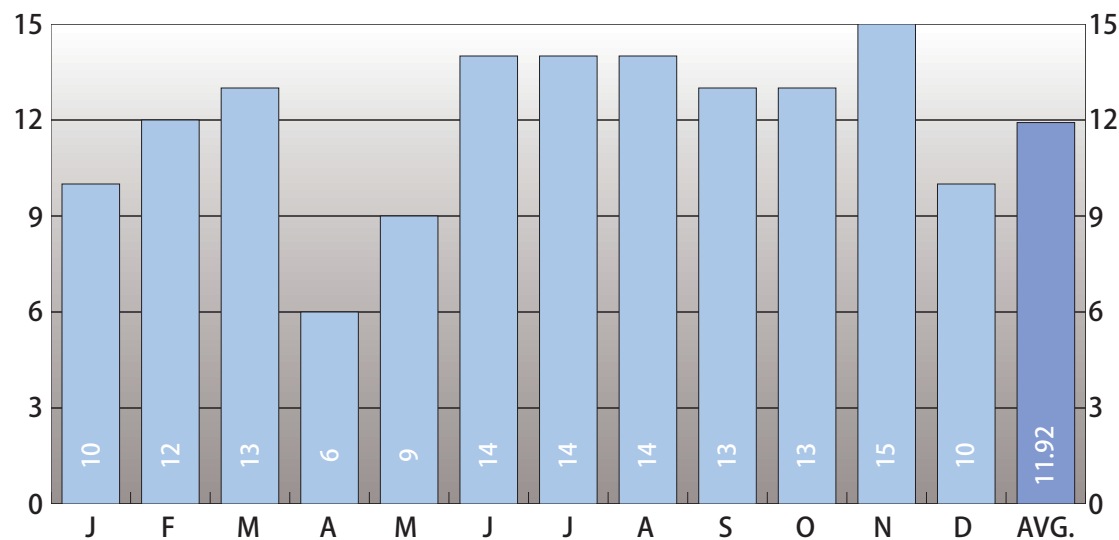
*Day and/or time is unknown for 3 cases.

2012 HOMICIDES FOR A PERIOD OF TEN YEARS

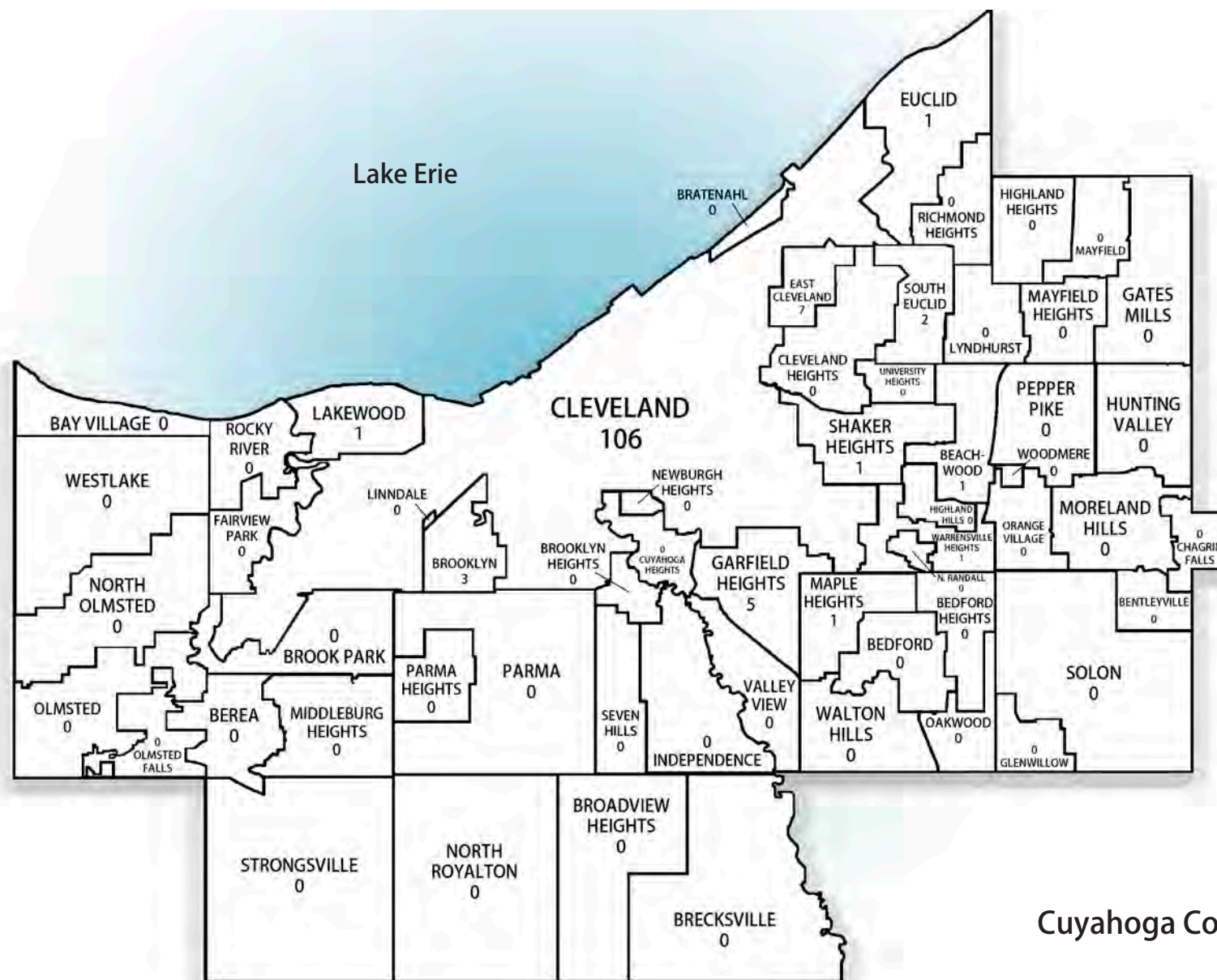


2012
TOTAL CASES
143

2012 HOMICIDES BY MONTH FOR THE YEAR 2012

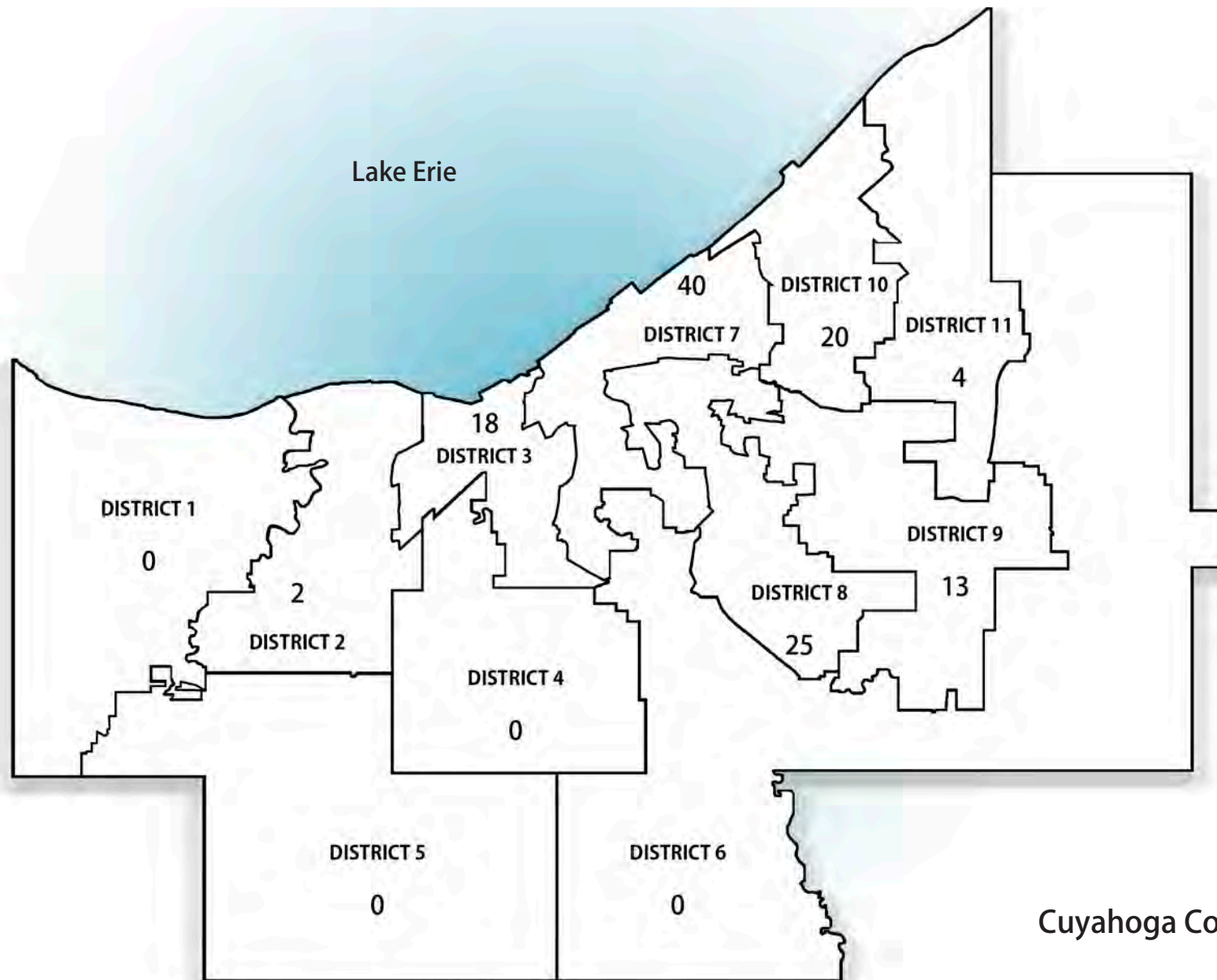


		NUMBER	PERCENT
GENDER	MALE	108	75.52
	FEMALE	35	24.48
RACE	WHITE	31	21.68
	BLACK	112	78.32
ETHNICITY	HISPANIC	2	1.40
	NON-HISPANIC	141	98.60
ETHANOL	TESTED	137	95.80
	POSITIVE	46	32.17
AUTOPSIED		143	100.00



Cuyahoga County, Ohio

*Injury location is unknown for 7 case and 7 case is from outside of Cuyahoga County.



Cuyahoga County, Ohio

*Injury location is unknown or from an unknown council district for 14 cases and 7 cases are from outside of Cuyahoga County.

TABLE 52

MONTHLY ETHANOL INCIDENCE

												Not Tested		Tested						Stages													
																				0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over	
Month	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
January	10	7	3	5	2	2	1	0	0	0	0	0	0	7	3	4	3	3	0	0	0	0	1	0	0	0	1	0	1	0	0	0	
February	12	8	4	6	2	1	1	1	0	0	1	1	0	7	4	4	4	3	0	1	0	2	0	0	0	0	0	0	0	0	0		
March	13	10	3	6	1	2	1	2	0	0	1	0	0	10	3	7	2	3	1	1	0	0	0	1	0	0	1	0	0	0	0		
April	6	3	3	2	1	1	2	0	0	0	0	0	0	3	3	2	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0		
May	9	6	3	5	2	0	1	0	0	1	0	0	0	6	3	6	2	0	1	0	0	0	0	0	0	1	0	0	0	0	0		
June	14	11	3	6	3	3	0	0	0	2	0	2	0	9	3	4	1	5	2	2	0	1	1	0	1	1	0	1	0	0	0		
July	14	11	3	9	2	0	1	1	0	1	0	2	0	9	3	4	3	5	0	1	0	0	0	2	0	1	0	1	0	0	0		
August	14	9	5	8	4	0	1	1	0	0	0	0	0	9	5	5	5	4	0	2	0	0	0	1	0	1	0	0	0	0	0		
September	13	10	3	10	3	0	0	0	0	0	0	0	0	10	3	7	1	3	2	2	0	0	1	0	0	0	1	0	0	1	0	0	
October	13	12	1	11	0	1	1	0	0	0	0	1	0	11	1	6	1	5	0	1	0	0	0	1	0	2	0	1	0	0	0	0	
November	15	14	1	9	0	3	1	1	0	1	0	0	0	14	1	9	1	5	0	1	0	0	0	2	0	1	0	1	0	0	0	0	
December	10	7	3	6	3	0	0	1	0	0	0	0	0	7	3	5	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	
Total	143	108	35	83	23	13	10	7	0	5	2	6	0	102	35	63	28	39	7	13	1	4	2	8	1	7	1	6	1	1	1	0	0

2012 HOMICIDES

AGE - RACE - ETHNICITY - ETHANOL INCIDENCE

TABLE 53

					Not Tested		Tested						Stages													
		Ethnicity		Total			Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over			
Age	Race	Total	Hispanic	Non-Hispanic	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 Year	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 - 4	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	3	0	3	0	0	1	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 9	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 - 14	White	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	3	0	3	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 - 19	White	2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	18	0	18	0	0	15	3	13	2	2	1	2	0	0	1	0	0	0	0	0	0	0	0	0	0
20 - 24	White	2	0	2	0	0	1	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Black	17	0	17	0	0	14	3	9	3	5	0	1	0	0	0	1	0	2	0	1	0	0	0	0	0
25 - 29	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	15	0	15	1	0	12	2	8	1	4	1	0	0	1	0	1	0	0	1	1	0	1	0	0	0
30 - 34	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	18	0	18	0	0	12	6	3	4	9	2	5	0	1	0	3	1	0	0	0	0	0	1	0	0
35 - 39	White	1	0	1	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	Black	7	0	7	0	0	6	1	3	0	3	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0
40 - 44	White	4	0	4	1	0	2	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	7	0	7	0	0	6	1	2	1	4	0	0	0	1	0	1	0	1	0	1	0	0	0	0	0
45 - 49	White	4	0	4	0	0	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	7	0	7	2	0	4	1	3	0	1	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0
50 - 54	White	5	0	5	0	0	4	1	1	1	3	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0
	Black	4	0	4	0	0	3	1	0	0	3	1	2	0	0	0	0	0	1	0	0	1	0	0	0	0
55 - 59	White	4	1	3	0	0	3	1	2	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	Black	5	0	5	0	0	4	1	3	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
60 - 64	White	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	2	0	2	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 - 69	White	2	0	2	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	2	1	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70 - 74	White	3	0	3	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 - 79	White	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80 and Over	White	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	White	31	1	30	3	0	18	10	11	10	7	0	2	0	0	0	2	0	2	0	1	0	0	0	0	0
	Black	112	1	111	3	0	84	25	52	18	32	7	11	1	4	2	6	1	5	1	5	1	1	1	0	0
Grand Total		143	2	141	6	0	102	35	63	28	39	7	13	1	4	2	8	1	7	1	6	1	1	1	0	0

TABLE 54

MODE - ETHANOL INCIDENCE

												Not Tested		Tested						Stages													
																				0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over	
Total		Cleveland		County		Out of County		Unknown		Total		Negative		Positive		M		F		M		F		M		F		M		F			
Mode	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Asphyxia*	7	4	3	4	1	0	2	0	0	0	0	0	0	4	3	2	2	2	1	0	0	0	0	1	0	1	1	0	0	0	0		
Assault	24	17	7	9	3	3	3	2	0	3	1	4	0	13	7	9	7	4	0	1	0	1	0	0	0	1	0	0	0	0	0		
Other**	3	3	0	3	0	0	0	0	0	0	0	0	0	3	0	1	0	2	0	1	0	0	0	1	0	0	0	0	0	0	0		
Shooting	100	80	20	64	15	9	5	5	0	2	0	2	0	78	20	49	16	29	4	11	0	3	2	7	1	4	0	3	0	1	1	0	0
Stabbing	9	4	5	3	4	1	0	0	0	0	1	0	0	4	5	2	3	2	2	0	1	0	0	0	0	1	1	1	0	0	0	0	
Total	143	108	35	83	23	13	10	7	0	5	2	6	0	102	35	63	28	39	7	13	1	4	2	8	1	7	1	6	1	1	1	0	0

*Includes compression and strangulation.

**Includes medical neglect, motor vehicle crash during theft and undetermined homicidal violence.

2012 HOMICIDES

MODE - AGE GROUPS

TABLE 55

Mode	Under 1 Year		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80 and Over		Total		Grand Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Asphyxia*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	3	1	0	1	0	0	0	0	0	0	0	0	0	4	3	7
Assault	1	0	1	1	0	0	0	0	0	1	0	0	0	0	1	1	0	0	2	0	5	0	2	0	1	1	1	0	1	1	1	1	1	0	0	1	17	7	24	
Other**	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3		
Shooting	0	0	0	1	0	1	1	2	16	2	15	4	13	0	10	4	6	0	5	2	2	3	5	1	2	0	1	0	2	0	1	0	1	0	0	0	80	20	100	
Stabbing	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	1	1	1	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	4	5	9		
Total	1	0	1	2	0	1	2	2	17	3	15	4	13	2	12	6	7	1	9	2	8	3	7	2	7	2	2	1	3	1	2	2	2	0	0	1	108	35	143	

*Includes compression and strangulation.

**Includes medical neglect, motor vehicle crash during theft and undetermined homicidal violence.

TABLE 56

PLACE OF OCCURRENCE - CIRCUMSTANCES - ASSAILANTS / VICTIMS - ETHANOL INCIDENCE

												Not Tested		Tested						Stages											
														Total		Cleveland		County		Out of County		Unknown	Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%
Assailants	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
HOME CIRCUMSTANCES:																															
Other Home Circumstances																															
Police	1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0		
PUBLIC CIRCUMSTANCES:																															
During or Following the Commission or Attempted Commission of a Felony																															
Police	3	3	0	2	0	1	0	0	0	0	0	0	0	3	0	1	0	2	0	1	0	0	0	1	0	0	0	0	0		
Other Public Circumstances																															
Police	2	1	1	0	0	1	1	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0		
Total	6	5	1	2	0	2	1	1	0	0	0	0	0	5	1	1	1	4	0	1	0	0	0	2	0	1	0	0	0		

2012 HOMICIDES

PLACE OF OCCURRENCE - CIRCUMSTANCES - ASSAILANTS / VICTIMS - ETHANOL INCIDENCE

TABLE 57

												Not Tested		Tested						Stages												
		Total		Cleveland		County		Out of County		Unknown				Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over
Assailants	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
HOME CIRCUMSTANCES:																																
During or Following an Argument																																
Acquaintance	5	4	1	3	0	1	1	0	0	0	0	0	0	4	1	1	1	3	0	0	0	0	0	0	2	0	1	0	0	0	0	
Boyfriend	2	0	2	0	2	0	0	0	0	0	0	0	0	2	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	
Brother	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cousin	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Uncle	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Unknown	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
During or Following the Commission or Attempted Commission of a Felony																																
Acquaintance	3	3	0	2	0	1	0	0	0	0	0	0	0	3	0	2	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	
Stranger	2	1	1	1	0	0	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Unknown	2	2	0	2	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other Home Circumstances																																
Acquaintance	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Boyfriend	2	0	2	0	1	0	0	0	0	0	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Brother	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Daughter	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Former Partner	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Grandson	2	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mother	1	1	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Unknown	14	10	4	8	2	2	2	0	0	0	0	1	0	9	4	6	2	3	2	1	1	1	0	0	0	1	0	0	1	0	0	
Wife	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Unknown Home Circumstances																																
Acquaintance	6	3	3	2	3	1	0	0	0	0	0	1	0	2	3	2	2	0	1	0	0	0	0	0	0	1	0	0	0	0	0	
Father	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Former Partner	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mother	2	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Nephew	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
Son	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Stranger	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
Unknown	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	56	37	19	29	13	7	5	0	0	1	1	2	0	35	19	26	15	9	4	3	1	2	0	0	1	3	1	1	1	0	0	0

TABLE 57A

PLACE OF OCCURRENCE - CIRCUMSTANCES - ASSAILANTS / VICTIMS - ETHANOL INCIDENCE

												Not Tested		Tested						Stages													
														Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over	
Assailants	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
PUBLIC CIRCUMSTANCES:																																	
During or Following an Argument																																	
Acquaintance	3	2	1	2	1	0	0	0	0	0	0	0	0	2	1	0	0	2	1	0	0	0	0	0	0	0	2	0	0	1	0	0	
Stranger	4	4	0	4	0	0	0	0	0	0	0	0	0	4	0	2	0	2	0	0	0	1	0	1	0	0	0	0	0	0	0	0	
Unknown	6	5	1	4	1	0	0	1	0	0	0	0	0	5	1	2	1	3	0	1	0	0	0	0	0	0	2	0	0	0	0	0	
During or Following the Commission or Attempted Commission of a Felony																																	
Acquaintance	5	4	1	4	1	0	0	0	0	0	0	0	0	4	1	3	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
Boyfriend	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Stranger	5	5	0	5	0	0	0	0	0	0	0	0	0	5	0	3	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	
Unknown	6	5	1	4	1	1	0	0	0	0	0	1	0	4	1	1	0	3	1	2	0	1	1	0	0	0	0	0	0	0	0	0	0
Other Public Circumstances																																	
Acquaintance	6	6	0	5	0	0	0	1	0	0	0	0	0	6	0	5	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
Father	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Husband	2	0	2	0	1	0	1	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Stranger	2	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Unknown	7	6	1	3	0	0	1	3	0	0	0	0	0	6	1	5	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Unknown Public Circumstances																																	
Acquaintance	1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Stranger	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
Unknown	31	26	5	19	3	3	1	0	0	4	1	3	0	23	5	13	4	10	1	4	0	0	1	3	0	1	0	1	0	1	0	0	0
Total	81	66	15	52	10	4	4	6	0	4	1	4	0	62	15	36	12	26	3	9	0	2	2	6	0	3	0	5	0	1	1	0	0

2012 HOMICIDES

HOMICIDES IN CUYAHOGA COUNTY FOR THE PAST 25 YEARS

TABLE 58

Year	Total Homicides	Firearms	Firearm Percentage of Total	Blunt Violence (Manual, Pedal and Instrumental Assault)	Edged and Pointed Weapons	Strangulation (Manual and Ligature)	All Others*
1988	189	106	56.08	24	27	13	17
1989	188	106	56.38	33	32	8	9
1990	221	147	66.52	28	28	5	13
1991	236	164	69.49	30	27	9	6
1992	221	143	64.71	34	25	4	15
1993	218	153	70.18	18	33	9	5
1994	179	135	75.42	9	15	15	5
1995	166	108	65.06	21	23	5	9
1996	144	93	64.58	22	15	5	9
1997	120	70	58.33	24	11	7	8
1998	123	76	61.79	23	7	5	12
1999	106	72	67.92	20	7	4	3
2000	100	56	56.00	15	16	3	10
2001	110	69	62.73	24	9	4	4
2002	117	65	55.56	18	20	4	10
2003	113	60	53.10	18	21	3	11
2004	108	71	65.74	13	11	4	9
2005	147	92	62.59	23	12	4	16
2006	146	101	69.18	19	15	2	9
2007	174	121	69.54	23	22	0	8
2008	124	85	68.55	18	10	2	9
2009	147	88	59.86	22	15	9	13
2010	98	67	68.37	9	8	7	7
2011	120	89	74.17	9	13	0	9
2012	143	100	69.93	24	9	7	3

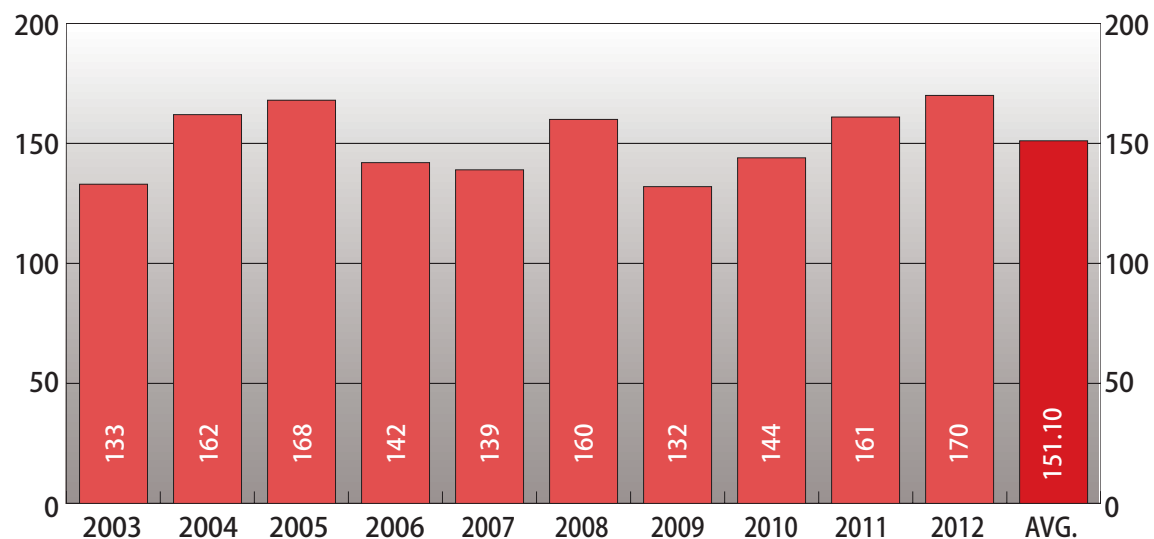
* Arson; Asphyxia by: Compression, Drowning, Entrapment, Gagging, Plastic Bag, Smothering and Suffocation; Automobile Crash; Burning; Carbon Monoxide; Dragged by Automobile; Explosion, Exposure; Cardiopulmonary Arrest Due to: Home Invasion, Legal Intervention, Physical Exertion and Police Activity; Heat Stroke; Hit by Concrete Block; Jumping From Window; Multiple Modes; Neglect; Obstruction of Airway by Foreign Object; Poisoning; Pushed in Front of Bus; Stress; and Undetermined Homicidal Violence.



Photograph by A. Koons

2012 SUICIDES

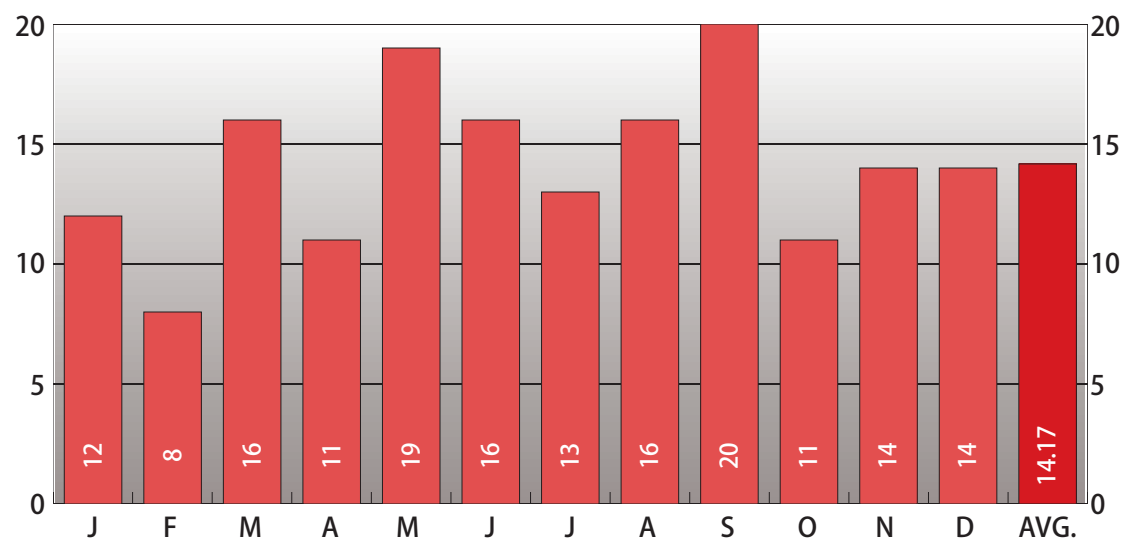
FOR A PERIOD OF TEN YEARS



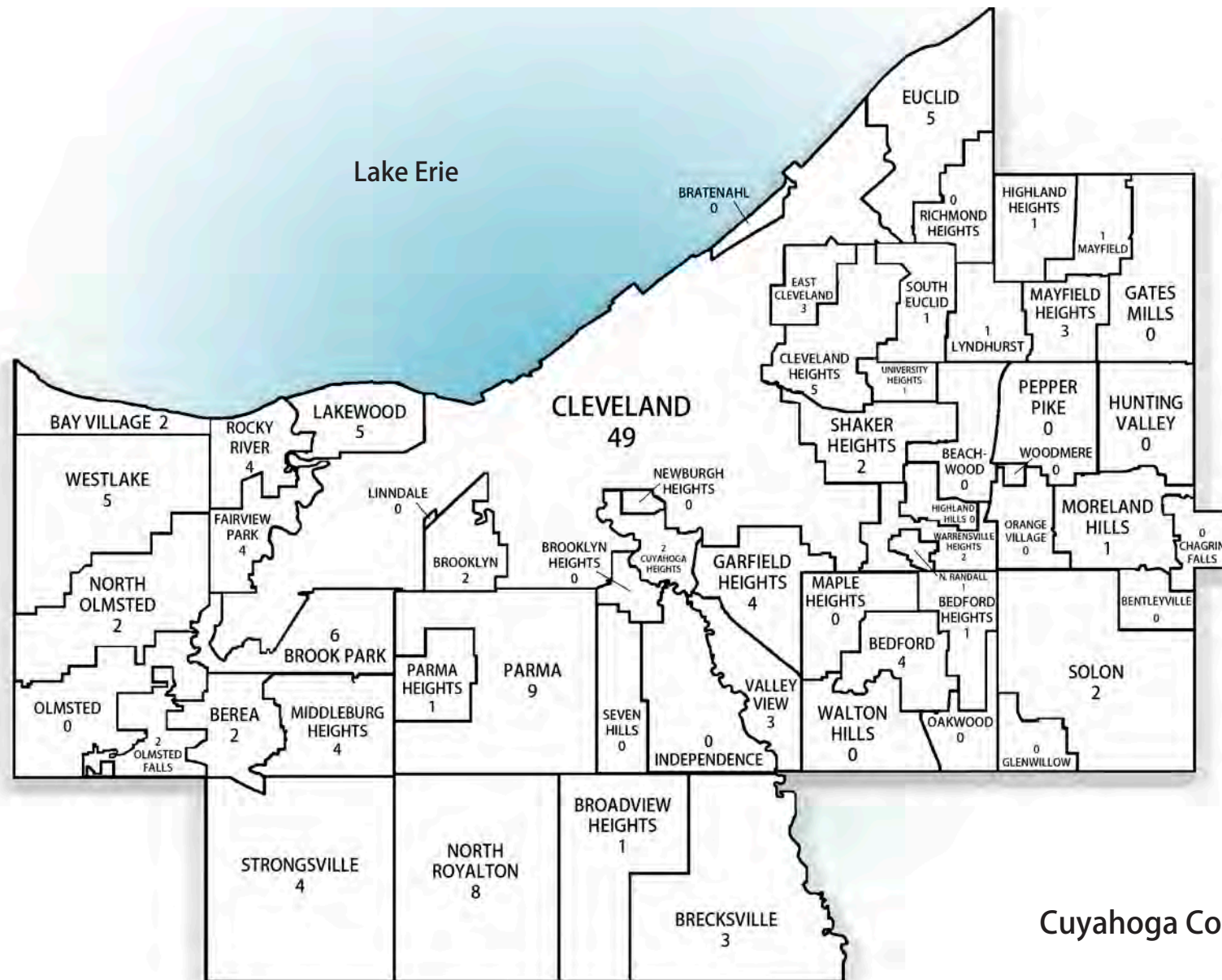
2012
TOTAL CASES
170

2012 SUICIDES

BY MONTH FOR THE YEAR 2012

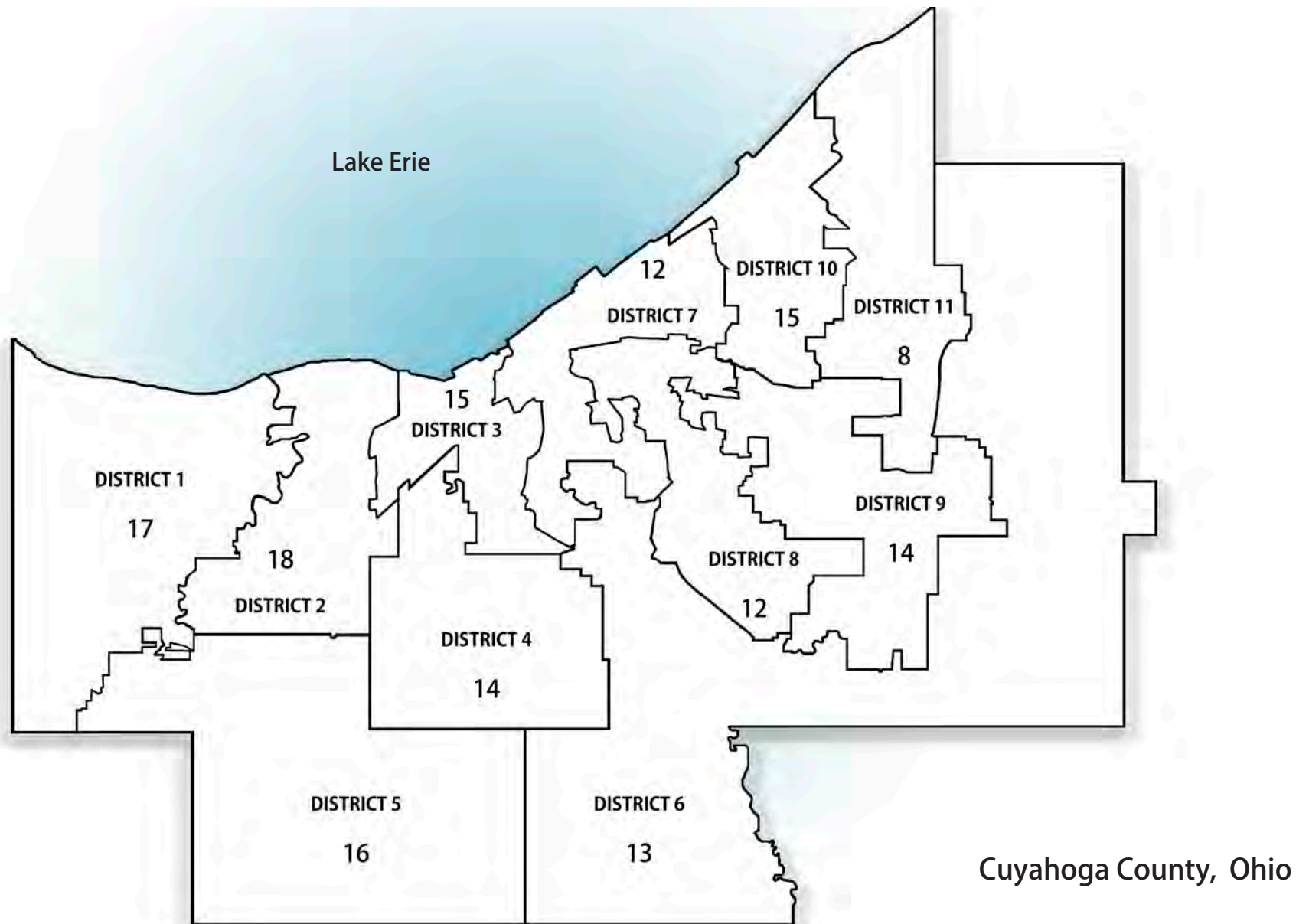


		NUMBER	PERCENT
GENDER	MALE	137	80.59
	FEMALE	33	19.41
RACE	WHITE	139	81.76
	BLACK	28	16.47
	ASIAN	1	0.59
	ASIAN INDIAN	2	1.18
ETHNICITY	HISPANIC	6	3.53
	NON-HISPANIC	164	96.47
ETHANOL	TESTED	142	83.53
	POSITIVE	44	25.88
AUTOPSIED		156	91.76



Cuyahoga County, Ohio

*Injury location is unknown for 4 cases and 10 cases are from outside of Cuyahoga County.



*Injury location is unknown or from an unknown council district for 6 cases and 10 cases are from outside of Cuyahoga County.

TABLE 59

MONTHLY ETHANOL INCIDENCE

												Not Tested	Tested						Stages												
													Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over
Month	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
January	12	10	2	3	1	4	1	2	0	1	0	1	0	9	2	8	1	1	1	1	1	0	0	0	0	0	0	0	0		
February	8	7	1	3	0	4	1	0	0	0	0	1	0	6	1	4	1	2	0	0	0	0	0	1	0	1	0	0	0		
March	16	13	3	5	1	8	2	0	0	0	0	2	2	11	1	7	1	4	0	2	0	0	0	1	0	0	0	0	0		
April	11	5	6	4	1	1	4	0	1	0	0	1	1	4	5	3	5	1	0	0	0	0	0	0	1	0	0	0	0		
May	19	12	7	5	0	6	5	0	1	1	1	1	1	11	6	7	4	4	2	0	0	0	1	3	0	0	0	1	0		
June	16	15	1	4	1	9	0	2	0	0	0	3	0	12	1	7	1	5	0	2	0	0	0	0	0	1	0	0	1		
July	13	11	2	3	2	7	0	1	0	0	0	3	0	8	2	6	1	2	1	0	1	0	0	0	0	1	0	1	0		
August	16	13	3	3	1	8	1	2	0	0	1	3	1	10	2	5	1	5	1	1	1	1	0	0	0	1	0	0	1		
September	20	16	4	5	1	11	3	0	0	0	0	3	1	13	3	9	3	4	0	0	0	1	0	3	0	0	0	0	0		
October	11	10	1	2	1	8	0	0	0	0	0	1	0	9	1	5	1	4	0	2	0	1	0	1	0	0	0	0	0		
November	14	13	1	2	0	11	1	0	0	0	0	2	0	11	1	8	1	3	0	1	0	1	0	1	0	0	0	0	0		
December	14	12	2	1	0	10	2	1	0	0	0	0	1	12	1	8	1	4	0	0	0	1	0	1	0	0	0	2	0		
Total	170	137	33	40	9	87	20	8	2	2	2	21	7	116	26	77	21	39	5	9	3	5	1	10	0	5	0	6	0		

2012 SUICIDES

AGE - RACE - ETHNICITY - ETHANOL INCIDENCE

TABLE 60

					Not Tested		Tested						Stages													
		Ethnicity		Total			Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over			
Age	Race	Total	Hispanic	Non-Hispanic	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
9 and Under	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 - 14	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 - 19	White	5	1	4	1	1	1	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	2	0	2	0	0	2	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 - 24	White	6	0	6	1	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	3	0	3	0	0	3	0	1	0	2	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 - 29	White	20	0	20	1	0	15	4	11	3	4	1	1	1	0	0	2	0	0	0	0	1	0	0	0	0
	Black	3	0	3	0	0	2	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 - 34	White	9	0	9	0	1	7	1	5	1	2	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
	Black	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 - 39	White	13	2	11	1	0	8	4	4	3	4	1	1	0	0	1	1	0	1	0	1	0	0	0	0	0
	Black	3	0	3	0	0	2	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	Asian	1	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 - 44	White	11	0	11	1	0	7	3	3	3	4	0	2	0	0	0	1	0	0	0	0	0	0	0	1	0
	Black	2	0	2	1	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 - 49	White	27	1	26	4	1	17	5	9	3	8	2	1	2	0	0	2	0	1	0	2	0	1	0	1	0
	Black	4	0	4	0	0	3	1	2	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 - 54	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 60

AGE - RACE - ETHNICITY - ETHANOL INCIDENCE (continued)

					Not Tested		Tested						Stages											
		Ethnicity		Total			Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over	
Age	Race	Total	Hispanic	Non-Hispanic	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
55 - 59	White	16	1	15	0	0	16	0	12	0	4	0	1	0	0	0	1	0	1	0	0	0	0	0
	Black	3	0	3	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Asian	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Asian Indian	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
60 - 64	White	5	0	5	2	0	2	0	2	0	0	1	0	0	0	0	0	0	0	0	0	1	0	
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
65 - 69	White	10	0	10	1	2	7	1	4	0	3	0	1	0	1	0	1	0	0	0	0	0	0	
	Black	3	0	3	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
70 - 74	White	6	0	6	1	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Black	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
75 - 79	White	6	0	6	2	0	4	0	3	0	1	0	0	0	1	0	0	0	0	0	0	0	0	
	Black	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
80 and Over	White	5	1	4	3	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Black	1	0	1	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	White	139	6	133	18	5	96	20	66	15	30	5	7	3	2	1	9	0	3	0	5	0	2	1
	Black	28	0	28	3	2	18	5	10	5	8	0	2	0	3	0	1	0	1	0	1	0	0	0
	Asian	1	0	1	0	0	1	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
	Asian Indian	2	0	2	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total		170	6	164	21	7	116	26	77	21	39	5	9	3	5	1	10	0	5	0	6	0	2	1

2012 SUICIDES

MODE - ETHANOL INCIDENCE

TABLE 61

												Not Tested		Tested						Stages											
																				Total		Cleveland		County		Out of County		Unknown		Total	
Mode	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Asphyxia	49	39	10	15	1	24	8	0	1	0	0	3	3	36	7	18	6	18	1	3	0	4	1	5	0	1	0	3	0	1	0
Carbon Monoxide	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutting and Stabbing	7	4	3	1	0	2	3	0	0	1	0	1	2	3	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jumping	8	5	3	1	2	4	1	0	0	0	0	0	0	5	3	4	3	1	0	0	0	0	1	0	0	0	0	0	0	0	0
Other*	5	4	1	0	1	3	0	1	0	0	0	1	0	3	1	2	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0
Poisoning	14	6	8	0	2	5	3	0	1	1	2	2	1	4	7	3	5	1	2	1	2	0	0	0	0	0	0	0	0	0	0
Shooting	86	79	7	23	3	49	4	7	0	0	0	14	1	65	6	47	5	18	1	4	0	1	0	4	0	4	0	3	0	1	1
Total	170	137	33	40	9	87	20	8	2	2	2	21	7	116	26	77	21	39	5	9	3	5	1	10	0	5	0	6	0	2	1

* Includes miscellaneous, struck by train and struck by vehicle.

TABLE 62

MODE* - ETHANOL INCIDENCE

												Not Tested		Tested						Stages													
														Total		Cleveland		County		Out of County		Unknown		Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%	
Mode	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Asphyxia:																																	
Compression	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Hanging	42	32	10	14	1	18	8	0	1	0	0	3	3	29	7	13	6	16	1	2	0	4	1	5	0	0	0	3	0	1	0	1	0
Plastic Bag	4	4	0	1	0	3	0	0	0	0	0	0	0	4	0	2	0	2	0	1	0	0	0	0	0	1	0	0	0	0	0	0	
Other	2	2	0	0	0	2	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	49	39	10	15	1	24	8	0	1	0	0	3	3	36	7	18	6	18	1	3	0	4	1	5	0	1	0	3	0	1	0	1	0
Carbon Monoxide:																																	
Smoke	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Jumping:																																	
Bridge	5	4	1	0	0	4	1	0	0	0	0	0	0	4	1	3	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
Window	3	1	2	1	2	0	0	0	0	0	0	0	0	1	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	8	5	3	1	2	4	1	0	0	0	0	0	0	5	3	4	3	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	

* Does not include Cutting and Stabbing, Other, Poisoning, and Shooting deaths.

												Not Tested		Tested						Stages											
														Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%	
Poisoning	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Single Chemical Agent:																															
Acetaminophen	1	0	1	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
Amitriptyline	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
Salicylate	1	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Two or More Chemical Agents:																															
Acetaminophen, Bupropion, Doxepine, Quetiapine, Sertraline	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0		
Acetaminophen, Estazolam, Hydrocodone	1	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0		
Alprazolam, Carisoprodol	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0		
Clonazepam, Cyclobenzapine, Hydrocodone, Tramadol	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
Cocaine, Fluoxetine, Heroin	1	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0		
Diphenhydramine, Hydroxychloroquine, Venlafaxine	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0		
Mirtazapine, Venlafaxine	1	1	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
Multiple Drug Toxicity	1	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Combined Effects of Ethanol and Single/Multiple Chemical Agents:																															
Ethanol, Alprazolam, Diazepam, Temazepam	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0		
Ethanol, Alprazolam, Methadone	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0		
Ethanol, Clonazepam, Lisinopril, Risperidone	1	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total	14	6	8	0	2	5	3	1	0	1	2	2	1	4	7	3	5	1	2	1	2	0	0	0	0	0	0	0	0		

TABLE 64

MODE - AGE GROUPS

Mode	9 and Under		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 and Over		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
Asphyxia	0	0	0	1	0	1	4	1	5	2	2	0	3	2	5	1	10	1	0	0	5	0	0	0	2	1	0	0	2	0	1	0	39	10	49
Carbon Monoxide	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Cutting and Stabbing	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	4	3	7
Jumping	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	2	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	5	3	8
Other*	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4	1	5
Poisoning	0	0	0	0	0	1	0	0	4	1	0	1	0	1	0	1	0	3	0	0	0	0	0	0	2	0	0	0	0	0	0	0	6	8	14
Shooting	0	0	0	0	3	1	5	0	8	0	3	1	9	1	5	0	11	1	0	0	11	1	4	1	5	1	6	0	5	0	4	0	79	7	86
Total	0	0	0	1	4	3	9	1	18	5	8	2	12	5	10	3	24	7	0	0	18	2	4	1	10	3	7	0	7	0	6	0	137	33	170

* Includes miscellaneous, struck by train and struck by vehicle.

2012 SUICIDES

MODE, GEOGRAPHICAL LOCATION AND MARITAL STATUS

TABLE 65

	Cleveland												County						Out of County						Unknown						Total		Grand Total																	
	Married		Single		Widowed		Divorced		Unknown		Total		Married		Single		Widowed		Divorced		Unknown		Total		Married		Single		Widowed					Divorced		Unknown		Total												
Mode	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F												
Asphyxia	2	0	8	1	0	0	4	0	1	0	15	1	9	4	11	4	0	0	4	0	0	0	24	8	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	39	10	49		
Carbon Monoxide	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		1				
Cutting and Stabbing	0	0	1	0	0	0	0	0	0	0	1	0	0	1	1	1	0	1	1	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	4	3	7		
Jumping	0	0	1	1	0	0	0	1	0	0	1	2	2	1	0	0	0	0	2	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	8			
Other*	0	0	0	1	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	4	1	5			
Poisoning	0	0	0	2	0	0	0	0	0	0	0	2	0	1	3	2	0	0	2	0	0	0	5	3	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2	6	8	14				
Shooting	4	0	8	2	3	0	7	1	1	0	23	3	21	2	14	1	3	0	11	1	0	0	49	4	2	0	4	0	0	0	1	0	0	0	7	0	0	0	0	0	0	0	0	0	79	7	86			
Total	6	0	18	7	3	0	11	2	2	0	40	9	33	10	31	8	3	1	20	1	0	0	87	20	2	0	5	1	0	1	1	0	0	0	8	2	1	0	1	0	0	0	2	0	0	2	2	137	33	170

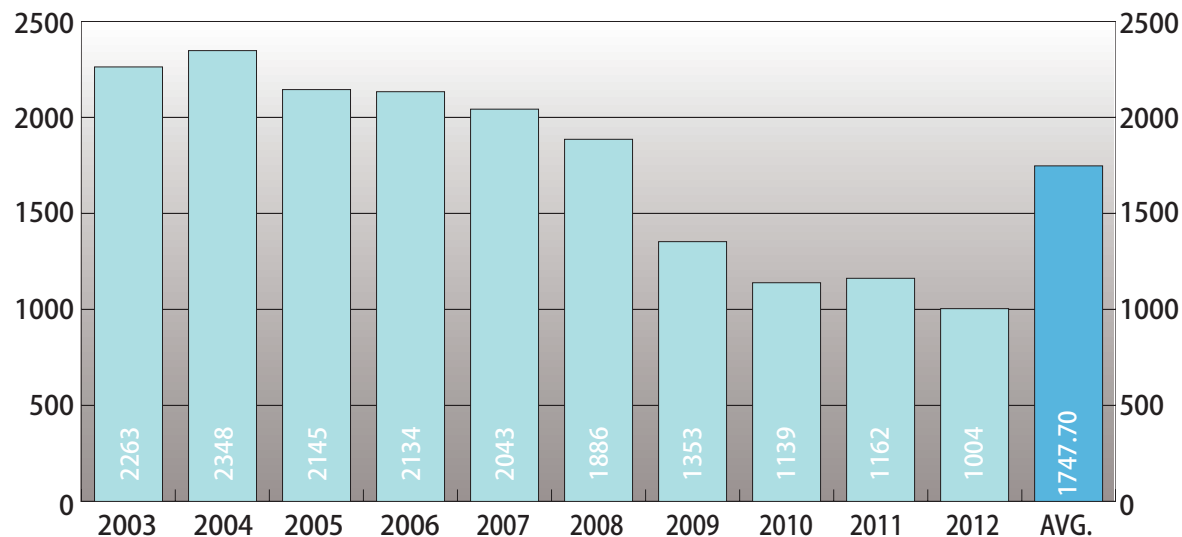
* Includes miscellaneous, struck by train and struck by vehicle.

STEAMSHIP WILLIAM G. MATHER MARITIME MUSEUM, GREAT LAKES SCIENCE CENTER



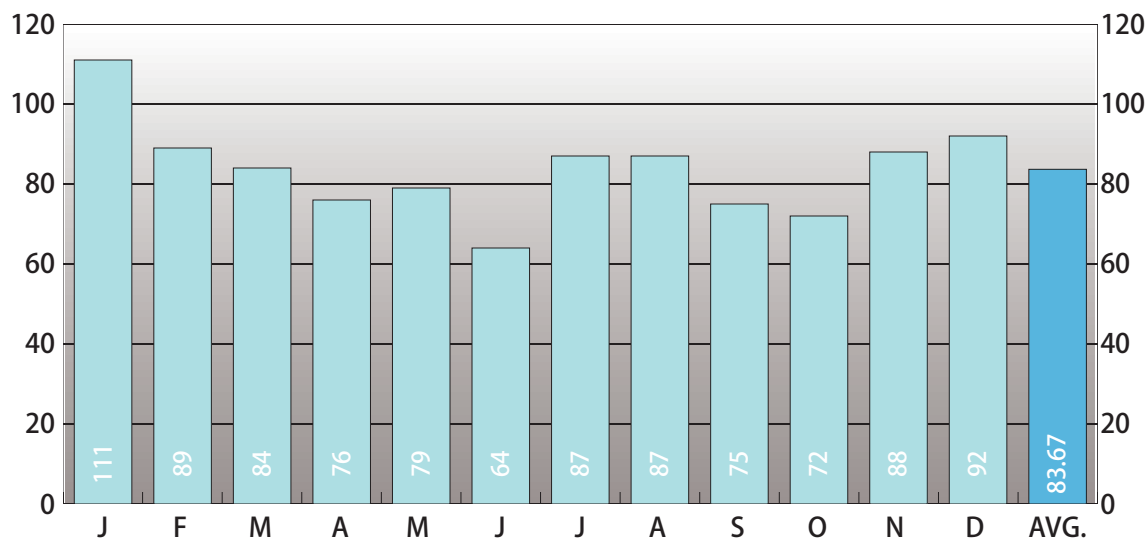
Photograph by J. Wentzel

2012 DEATHS FROM NATURAL CAUSES FOR A PERIOD OF TEN YEARS



2012
TOTAL CASES
1,004

2012 DEATHS FROM NATURAL CAUSES BY MONTH FOR THE YEAR 2012



		NUMBER	PERCENT
GENDER	MALE	650	64.74
	FEMALE	354	35.26
RACE	WHITE	644	64.14
	BLACK	354	35.26
	AMERICAN INDIAN	1	0.10
	ASIAN	4	3.98
	ASIAN INDIAN	1	0.10
ETHNICITY	HISPANIC	7	0.70
	NON-HISPANIC	997	99.30
ETHANOL	TESTED	560	55.78
	POSITIVE	131	13.05
AUTOPSIED		361	35.96

TABLE 66

MONTHLY ETHANOL INCIDENCE

				Total		Not Tested		Tested						Stages													
								Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over	
Month	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
January	111	75	36	30	15	45	21	32	16	13	5	6	3	1	1	1	0	1	0	1	0	0	0	3	1		
February	89	60	29	25	13	35	16	24	14	11	2	4	0	1	2	3	0	1	0	0	0	1	0	1	0		
March	84	54	30	25	15	29	15	23	10	6	5	2	1	0	0	2	1	0	1	2	1	0	0	0	1		
April	76	44	32	20	10	24	22	18	17	6	5	4	2	1	1	0	0	0	1	1	0	0	0	0	1		
May	79	55	24	17	12	38	12	26	10	12	2	5	0	0	2	4	0	1	0	0	0	0	0	2	0		
June	64	40	24	15	11	25	13	19	11	6	2	3	2	2	0	0	0	0	0	0	0	0	0	1	0		
July	87	54	33	30	21	24	12	20	8	4	4	2	1	1	1	0	1	1	0	0	0	0	1	0	0		
August	87	55	32	19	12	36	20	27	15	9	5	3	3	3	1	2	1	0	0	1	0	0	0	0	0		
September	75	49	26	27	17	22	9	17	7	5	2	1	1	1	1	0	0	0	0	0	0	1	0	2	0		
October	72	49	23	15	12	34	11	23	9	11	2	4	0	4	1	1	0	2	0	0	0	0	1	0	0		
November	88	58	30	27	13	31	17	27	15	4	2	1	0	2	1	0	0	0	0	0	1	0	0	1	0		
December	92	57	35	25	18	32	17	25	16	7	1	4	0	1	0	1	0	0	0	1	0	0	0	0	1		
Total	1,004	650	354	275	169	375	185	281	148	94	37	39	13	17	11	14	3	6	2	6	2	2	2	10	4		

2012 DEATHS FROM NATURAL CAUSES

AGE - RACE - ETHNICITY - ETHANOL INCIDENCE

TABLE 67

					Not Tested		Tested						Stages													
		Ethnicity		Total			Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over			
Age	Race	Total	Hispanic	Non-Hispanic	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 Year	White	4	1	3	0	2	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	8	0	8	1	1	3	3	2	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 - 4	White	3	1	2	0	1	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 9	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 - 14	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 - 19	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 - 24	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	3	0	3	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 - 29	White	8	0	8	1	2	2	3	2	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	Black	2	0	2	0	0	0	2	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 - 34	White	7	0	7	0	0	1	6	1	4	0	2	0	0	0	0	1	0	0	0	0	0	1	0	0	0
	Black	6	0	6	2	2	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	American Indian	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 67

AGE - RACE - ETHNICITY - ETHANOL INCIDENCE (continued)

					Not Tested		Tested						Stages													
		Ethnicity		Total			Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over			
Age	Race	Total	Hispanic	Non-Hispanic	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
35 - 39	White	12	0	12	1	1	7	3	5	3	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	12	0	12	0	1	8	3	7	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 - 44	White	21	0	21	2	3	11	5	7	4	4	1	0	0	1	1	0	0	0	0	3	0	0	0	0	0
	Black	13	0	13	1	1	9	2	7	2	2	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 - 49	White	41	1	40	5	3	22	11	13	7	9	4	5	1	1	2	1	0	0	0	1	0	1	0	0	1
	Black	33	0	33	1	5	14	13	10	12	4	1	2	0	1	0	0	0	1	0	0	0	0	0	0	1
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 - 54	White	84	1	83	13	4	48	19	35	13	13	6	4	3	2	3	1	0	0	0	1	0	0	0	5	0
	Black	25	1	24	6	3	9	7	6	6	3	1	2	0	1	0	0	1	0	0	0	0	0	0	0	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55 - 59	White	105	1	104	27	4	59	15	41	11	18	4	8	2	3	1	4	1	1	0	0	0	0	2	0	0
	Black	61	0	61	13	6	27	15	20	12	7	3	1	2	2	1	3	0	0	0	1	0	0	0	0	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 - 64	White	94	0	94	35	13	34	12	27	9	7	3	3	1	1	0	1	0	1	2	0	0	0	0	1	0
	Black	58	0	58	22	6	23	7	18	6	5	1	3	0	0	1	1	0	0	0	0	0	0	0	1	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 - 69	White	71	0	71	31	12	20	8	15	6	5	2	3	1	0	0	2	0	0	0	0	1	0	0	0	0
	Black	45	0	45	14	6	15	10	13	10	2	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70 - 74	White	50	0	50	17	10	15	8	12	6	3	2	2	1	0	0	0	0	1	0	0	0	0	1	0	0
	Black	32	0	32	14	6	6	6	5	3	1	3	1	1	0	1	0	0	0	0	0	1	0	0	0	0
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2012 DEATHS FROM NATURAL CAUSES

AGE - RACE - ETHNICITY - ETHANOL INCIDENCE (continued)

TABLE 67

					Not Tested		Tested						Stages													
							Total		Negative		Positive		0.01% - 0.04%	0.05% - 0.08%	0.09% - 0.14%	0.15% - 0.19%	0.20% - 0.24%	0.25% - 0.29%	0.30% or Over							
Age	Race	Total	Hispanic	Non-Hispanic	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
75 - 79	White	39	0	39	11	12	10	6	8	6	2	0	0	0	1	0	0	0	1	0	0	0	0	0	0	
	Black	23	0	23	5	5	9	4	6	4	3	0	1	0	1	0	0	0	0	0	0	0	0	0		
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
80 and Over	White	105	1	104	38	49	9	9	7	9	2	0	1	0	1	0	0	0	0	0	0	0	0	0		
	Black	30	0	30	10	11	6	3	6	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0		
	American Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Asian	2	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Asian Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total	White	644	6	638	181	116	240	107	175	81	65	26	28	10	10	7	9	2	4	2	5	1	1	2	8	
	Black	354	1	353	91	53	133	77	104	66	29	11	11	3	7	4	5	1	2	0	1	1	1	0	2	
	American Indian	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Asian	4	0	4	3	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Asian Indian	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Grand Total		1004	7	997	275	169	375	185	281	148	94	37	39	13	17	11	14	3	6	2	6	2	2	2	10	

TABLE 68

INTERNATIONAL CODE OF CAUSES OF DEATH LISTED BY MONTH

Classification of Diseases by Code	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Allergic, Endocrine System, Metabolic, and Nutritional Diseases	1	2	0	0	2	0	0	3	0	0	1	0	0	0	1	2	0	2	0	0	2	1	0	1	7	11	18
Conditions in the Perinatal Period	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	1	3	4
Congenital Malformations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	2
Diseases of the Blood and Blood-Forming Organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	2
Diseases of the Circulatory System	66	26	51	25	46	23	34	19	47	14	38	19	44	25	45	24	42	15	41	15	38	24	44	23	536	252	788
Diseases of the Digestive System	1	0	0	1	0	0	2	2	0	1	1	1	2	0	2	0	0	1	0	0	2	0	1	0	11	6	17
Diseases of the Genito-urinary System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	3	1	4
Diseases of the Musculoskeletal System and Connective Tissue	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	2	0	2	
Diseases of the Nervous System and Sense Organs	0	3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	1	7	8
Diseases of the Respiratory System	2	2	2	1	1	2	2	4	2	3	0	1	1	2	1	0	3	1	3	1	3	0	3	3	23	20	43
Diseases of the Skin and Cellular Tissue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1
Infective and Parasitic Diseases	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	4	1	5
Mental, Psychoneurotic and Personality Disorders*	3	1	7	2	4	3	2	2	3	2	0	1	3	3	5	2	2	4	2	1	5	2	4	4	40	27	67
Neoplasms	0	2	0	0	1	1	2	0	1	2	0	2	2	3	1	3	0	0	1	2	3	0	2	2	13	17	30
Symptoms, Senility and Ill-defined Conditions**	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	1	0	1	3	3	6
Therapeutic Complications	0	0	0	0	0	1	0	1	1	1	0	0	1	0	0	0	0	0	0	0	1	0	1	0	4	3	7
Total	75	36	60	29	54	30	44	32	55	24	40	24	54	33	55	32	49	26	49	23	58	30	57	35	650	354	1,004

* In Mental, Psychoneurotic and Personality Disorders 51 were due to Alcoholism. (Alcoholism with associated physical disease totaled 44)

** Sudden Infant Death Syndrome totaled 1.

2012 AUTOPSIES - DEATHS FROM NATURAL CAUSES

INTERNATIONAL CODE OF CAUSES OF DEATH LISTED BY MONTH

TABLE 69

Classification of Diseases by Code	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Allergic, Endocrine System, Metabolic, and Nutritional Diseases	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	2	0	1	0	0	1	1	0	0	3	6	9
Conditions in the Perinatal Period	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	1	3	4
Congenital Malformations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	2
Diseases of the Blood and Blood-Forming Organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1
Diseases of the Circulatory System	25	4	12	6	19	3	10	7	23	4	10	9	6	6	18	3	13	2	15	6	11	7	17	4	179	61	240
Diseases of the Digestive System	1	0	0	1	0	0	0	1	0	0	1	0	2	0	2	0	0	1	0	0	2	0	1	0	9	3	12
Diseases of the Genito-urinary System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1
Diseases of the Nervous System and Sense Organs	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	2
Diseases of the Respiratory System	1	1	1	0	0	2	1	1	0	2	0	1	1	0	0	0	2	1	1	1	2	0	3	3	12	12	24
Infective and Parasitic Diseases	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Mental, Psychoneurotic and Personality Disorders*	1	1	5	2	3	2	2	2	2	2	0	1	1	2	4	2	1	2	2	0	3	1	3	3	27	20	47
Neoplasms	0	2	0	0	1	0	1	0	1	1	0	1	0	0	1	0	0	0	0	1	1	0	1	1	6	6	12
Symptoms, Senility and Ill-defined Conditions**	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	2
Therapeutic Complications	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	3	1	4
Total	30	10	18	9	24	7	15	13	27	10	11	12	10	8	25	7	16	9	19	10	22	11	26	12	243	118	361

* In Mental, Psychoneurotic and Personality Disorders 38 were due to Alcoholism. (Alcoholism with associated physical disease totaled 34)

** Sudden Infant Death Syndrome totaled 1.

2012 DEATHS FROM NATURAL CAUSES

TABLE 70

MONTH AND AGE GROUPS

Age	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Under 1 Year	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	2	0	1	1	1	2	1	6	6	12
1-4	0	0	0	0	1	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	2	3	5
5-9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
20-24	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	1	3
25-29	0	1	0	0	0	0	0	2	0	0	0	1	2	0	0	1	0	0	0	1	1	0	1	1	4	7	11
30-34	0	0	0	0	1	2	1	0	0	1	0	1	0	2	0	0	1	0	0	2	1	0	1	1	5	9	14
35-39	1	2	1	1	2	0	1	0	0	0	2	1	2	1	0	2	2	0	3	0	2	2	0	0	16	9	25
40-44	4	0	1	0	2	3	1	2	2	1	2	0	1	3	2	0	0	0	3	1	2	0	3	1	23	11	34
45-49	7	3	7	3	3	0	9	5	1	1	1	3	4	2	5	4	1	3	2	3	2	1	0	4	42	32	74
50-54	7	3	6	1	5	1	6	5	11	6	7	1	3	3	12	2	5	5	4	2	5	2	5	2	76	33	109
55-59	17	5	9	4	11	2	2	4	15	3	3	5	10	6	12	4	10	0	12	3	12	3	14	1	127	40	167
60-64	14	4	10	3	6	2	8	4	9	3	4	2	10	3	13	2	14	2	8	1	9	4	9	8	114	38	152
65-69	11	2	7	3	9	6	6	2	8	1	9	3	4	3	3	3	3	2	5	2	6	5	9	4	80	36	116
70-74	7	5	6	2	6	6	3	1	3	2	3	3	5	2	4	2	0	3	4	0	5	1	6	3	52	30	82
75-79	1	2	9	4	1	3	2	3	2	1	3	1	4	2	3	2	4	1	2	2	2	4	2	2	35	27	62
80 and Over	5	9	4	8	6	5	2	3	4	3	6	3	8	5	1	10	8	8	6	5	10	7	5	6	65	72	137
Total	75	36	60	29	54	30	44	32	55	24	40	24	54	33	55	32	49	26	49	23	58	30	57	35	650	354	1004

2012 AUTOPSIES - DEATHS FROM NATURAL CAUSES

MONTH AND AGE GROUPS

TABLE 71

Age	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Under 1 Year	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	2	0	1	1	1	2	1	6	6	12
1-4	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	4
5-9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-24	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2
25-29	0	1	0	0	0	0	0	2	0	0	0	1	1	0	0	1	0	0	0	1	1	0	1	1	3	7	10
30-34	0	0	0	0	1	2	0	0	0	1	0	1	0	2	0	0	1	0	0	2	1	0	1	0	4	8	12
35-39	1	2	0	1	1	0	0	0	0	0	1	0	1	1	0	1	2	0	3	0	2	1	0	0	11	6	17
40-44	4	0	1	0	2	0	0	2	2	1	1	0	0	2	0	0	0	0	1	0	1	0	2	1	14	6	20
45-49	6	3	5	3	3	0	7	2	1	1	1	2	3	0	4	2	1	1	1	2	0	1	0	2	32	19	51
50-54	5	1	3	1	4	0	2	3	8	4	4	1	0	1	9	0	4	3	2	1	5	1	3	2	49	18	67
55-59	7	1	2	2	2	1	1	0	8	0	0	4	3	1	5	2	4	0	6	1	5	2	9	0	52	14	66
60-64	2	1	2	0	4	2	2	1	4	1	1	0	1	0	2	1	1	1	3	0	3	1	2	3	27	11	38
65-69	4	1	4	0	3	1	0	1	1	0	2	1	0	0	2	0	0	1	0	1	2	3	4	0	22	9	31
70-74	0	0	1	0	2	1	0	1	0	0	0	1	0	1	1	0	0	0	1	0	1	0	1	1	7	5	12
75-79	0	0	0	0	0	0	1	0	2	0	1	1	0	0	2	0	2	0	1	0	0	0	0	0	9	1	10
80 and Over	0	0	0	2	0	0	0	0	1	0	0	0	1	0	0	0	0	1	1	1	0	1	1	0	4	5	9
Total	30	10	18	9	24	7	15	13	27	10	11	12	10	8	25	7	16	9	19	10	22	11	26	12	243	118	361

TABLE 72

INTERNATIONAL CODE OF CAUSES OF DEATH LISTED BY AGE GROUPS

Classification of Diseases by Code	Under 1 Year		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80 and Over		Total		Grand Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Allergic, Endocrine System, Metabolic, and Nutritional Diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	1	2	2	0	2	2	1	0	1	0	0	0	0	0	0	7	11	18
Conditions in the Perinatal Period	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4	
Congenital Malformations	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
Diseases of the Blood and Blood-Forming Organs	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Diseases of the Circulatory System	2	0	2	1	0	0	0	0	0	0	1	0	3	3	4	5	12	7	18	8	29	10	58	15	100	29	96	28	72	28	48	27	31	23	60	68	536	252	788	
Diseases of the Digestive System	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	1	1	3	1	4	1	0	1	1	0	0	0	1	0	0	0	11	6	17	
Diseases of the Genito-urinary System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	3	1	4	
Diseases of the Musculoskeletal System and Connective Tissue	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	2	
Diseases of the Nervous System and Sense Organs	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2	1	2	0	0	0	0	0	0	0	0	0	0	1	1	7	8
Diseases of the Respiratory System	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	3	5	3	3	2	3	4	3	1	0	3	0	0	1	3	2	23	20	43	
Diseases of the Skin and Cellular Tissue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	
Infective and Parasitic Diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	4	1	5	
Mental, Psychoneurotic and Personality Disorders	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3	1	1	2	2	8	6	7	7	12	2	5	2	2	1	0	1	1	1	0	0	40	27	67	
Neoplasms	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	1	3	2	1	4	1	0	4	1	0	1	2	2	0	13	17	30		
Symptoms, Senility and Ill-defined Conditions	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	1	3	3	6	
Therapeutic Complications	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	0	1	1	0	0	0	4	3	7		
Total	6	6	2	3	0	0	0	0	1	0	2	1	4	7	5	9	16	9	23	11	42	32	76	33	127	40	114	38	80	36	52	30	35	27	65	72	650	354	1004	

* In Mental, Psychoneurotic and Personality Disorders 51 were due to Alcoholism. (Alcoholism with associated physical disease totaled 44)

** Sudden Infant Death Syndrome totaled 1.

2012 AUTOPSIES - DEATHS FROM NATURAL CAUSES

INTERNATIONAL CODE OF CAUSES OF DEATH LISTED BY AGE GROUPS

TABLE 73

Classification of Diseases by Code	Under 1 Year		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80 and Over		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
Allergic, Endocrine System, Metabolic, and Nutritional Diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	0	2	0	0	0	1	0	0	0	0	0	0	0	3	6	9
	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4	
Conditions in the Perinatal Period	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
Congenital Malformations	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
Diseases of the Blood and Blood-Forming Organs	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Diseases of the Circulatory System	2	0	2	0	0	0	0	0	0	0	0	0	3	3	3	5	9	6	12	4	22	6	34	7	36	9	21	6	19	7	6	5	6	0	4	3	179	61	
Diseases of the Digestive System	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	3	1	4	0	0	0	0	0	0	0	1	0	0	0	0	9	3	
Diseases of the Genito-urinary System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0		
Diseases of the Nervous System and Sense Organs	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2		
Diseases of the Respiratory System	2	1	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3	3	1	2	1	1	2	3	1	0	1	0	0	0	0	0	12	12	
Infective and Parasitic Diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
Mental, Psychoneurotic and Personality Disorders	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	1	0	2	2	5	2	6	7	7	2	3	2	1	1	0	0	1	0	0	0	27	20	
Neoplasms	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	1	1	2	0	1	0	0	0	0	0	0	0	1	0	0	6	6	
Symptoms, Senility and Ill-defined Conditions	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2		
Therapeutic Complications	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	3	1		
Total	6	6	2	2	0	0	0	0	0	0	1	1	3	7	4	8	11	6	14	6	32	19	49	18	52	14	27	11	22	9	7	5	9	1	4	5	243	118	

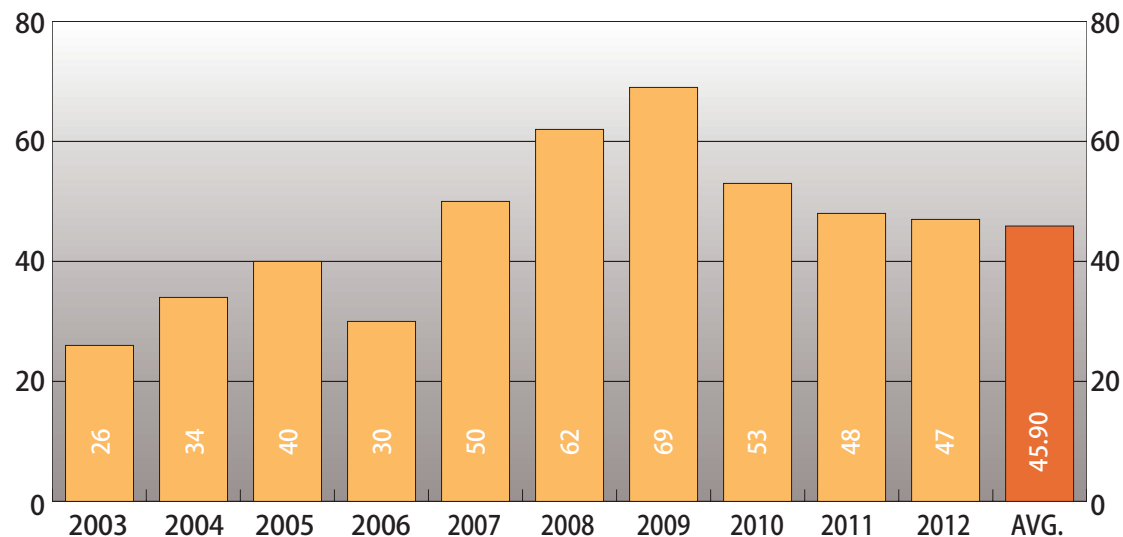
* In Mental, Psychoneurotic and Personality Disorders 38 were due to Alcoholism. (Alcoholism with associated physical disease totaled 34)

** Sudden Infant Death Syndrome totaled 1.



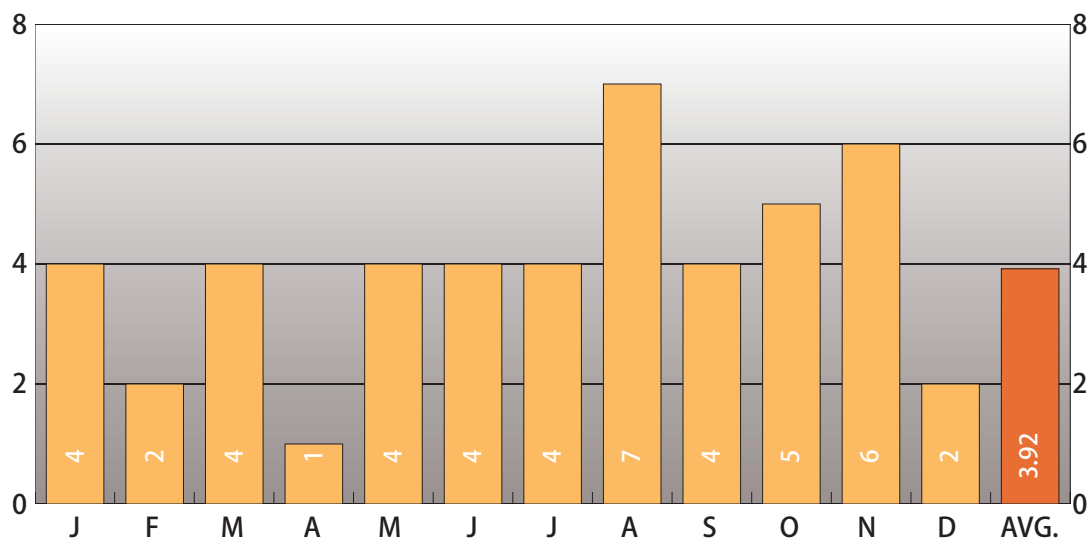
Photograph by J. Wentzel

2012 UNDETERMINED MANNER FOR A PERIOD OF TEN YEARS



2012
TOTAL CASES
47

2012 UNDETERMINED MANNER BY MONTH FOR THE YEAR 2012



		NUMBER	PERCENT
GENDER	MALE	31	65.96
	FEMALE	16	34.04
RACE	WHITE	27	57.44
	BLACK	19	40.43
	ASIAN	1	2.13
ETHNICITY	HISPANIC	1	2.13
	NON-HISPANIC	46	97.87
ETHANOL	TESTED	38	80.85
	POSITIVE	5	10.64
AUTOPSIED		39	82.98

2012 UNDETERMINED MANNER
MONTHLY ETHANOL INCIDENCE

TABLE 74

				Not Tested		Tested						Stages													
						Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over	
Month	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
January	4	3	1	1	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February	2	2	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March	4	3	1	1	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	4	3	1	1	0	2	1	1	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
June	4	1	3	0	0	1	3	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	4	2	2	0	0	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	7	3	4	2	0	1	4	1	3	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
September	4	2	2	0	1	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	5	4	1	0	1	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	6	6	0	1	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	2	2	0	0	0	2	0	0	0	2	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
Total	47	31	16	7	2	24	14	21	12	3	2	1	0	0	1	1	0	1	0	0	1	0	0	0	0

2012 UNDETERMINED MANNER

AGE - RACE - ETHNICITY - ETHANOL INCIDENCE

TABLE 75

					Not Tested		Tested						Stages													
			Ethnicity				Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over	
Age	Race	Total	Hispanic	Non-Hispanic	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 Year	White	2	0	2	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	13	0	13	1	0	7	5	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 - 4	White	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 9	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 - 14	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 - 19	White	2	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 - 24	White	2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 - 29	White	2	0	2	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 - 34	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 - 39	White	5	0	5	1	1	1	2	1	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 - 44	White	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 - 49	White	3	0	3	0	0	2	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 - 54	White	4	0	4	0	1	3	0	2	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55 - 59	White	1	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	Black	2	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 75

AGE - RACE - ETHNICITY - ETHANOL INCIDENCE (continued)

					Not Tested		Tested						Stages											
							Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%	
Age	Race	Total	Hispanic	Non-Hispanic	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
60 - 64	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 - 69	White	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	1	0	1	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70 - 74	White	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 - 79	White	2	0	2	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80 and Over	White	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Black	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Asian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	White	27	1	26	4	2	13	8	11	6	2	2	0	0	0	1	1	0	1	0	0	1	0	0
	Black	19	0	19	2	0	11	6	10	6	1	0	1	0	0	0	0	0	0	0	0	0	0	0
	Asian	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total		47	1	46	7	2	24	14	21	12	3	2	1	0	0	1	1	0	1	0	0	1	0	0

2012 UNDETERMINED MANNER
MODE - ETHANOL INCIDENCE

TABLE 76

				Not Tested		Tested						Stages												
						Total		Negative		Positive		0.01% - 0.04%		0.05% - 0.08%		0.09% - 0.14%		0.15% - 0.19%		0.20% - 0.24%		0.25% - 0.29%		0.30% or Over
Mode	Total	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Undetermined Cause	5	2	3	0	0	2	3	2	2	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Undetermined Non-Violence	23	15	8	0	0	15	8	15	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Undetermined Violence	19	14	5	7	2	7	3	4	2	3	1	1	0	0	0	1	0	1	0	0	1	0	0	0
Total	47	31	16	7	2	24	14	21	12	3	2	1	0	0	1	1	0	1	0	0	1	0	0	0

TABLE 77

MODE - AGE GROUPS

Mode	Under 1 Year		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80 and Over		Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
Undetermined Cause	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	2	3	5	
Undetermined Non-Violence	7	6	1	0	0	0	0	0	0	1	0	2	0	0	0	0	1	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	1	0	0	15	8	23	
Undetermined Violence	1	0	0	0	0	0	0	0	0	2	0	0	0	1	1	0	0	1	2	1	0	2	0	2	1	0	1	0	0	1	0	1	0	1	0	14	5	19	
Total	9	6	1	0	0	0	0	0	0	3	0	2	1	1	1	0	0	2	3	1	0	3	1	3	1	2	1	0	0	1	0	1	0	1	1	31	16	47	

2012 CUYAHOGA COUNTY MEDICAL EXAMINER'S ADMINISTRATION REPORT

The Cuyahoga County Medical Examiner's Office and Regional Forensic Science Laboratory is a unique working environment within county government and requires responsive and efficient administration to make it work properly. The highly scientific nature of the work provides a number of challenges. These are addressed by a hard working staff of dedicated professionals who prepare public and legal documents, procure supplies, address communications and technology issues, administrate fiscal and budgeting matters, human resource needs and building maintenance, security and cleanup.

Office of the Administrator

- Building Operations – Works with various vendors to maintain building, provide security and routine and specialized clean up needs.
- Community Relations & Training – Provides tours to interested medical and justice oriented students and professionals and training in death scene investigations for law enforcement and other justice oriented professionals.
- Fiscal & Budgeting Liaison – Work with assigned liaisons to develop biennial budget and monitor fiscal expenditures and revenues to assure adequate resources for the office and laboratory and maintaining responsible controls to protect taxpayer dollars.
- General Office / Records & Statistics – Works with Medical Secretaries and forensic pathologists to complete verdicts and with State of Ohio, funeral homes and Vital Statistics to complete death certificates. All records held on site and case statistics calculated and provided to public through reports. Several thousand public records requests are received and processed annually.
- Human Resources Liaison – Work with assigned liaisons to provide safe working environment for employees as well address any other workplace needs.



- Procurement – Works with specialized vendors to provide equipment and supplies for the scientific labs and medical work stations, as well as day-to-day supplies for the offices.
- Public Information & Media Relations – Provides media and general public with timely responses to public records requests. Over 1,500 media requests are received and processed annually.

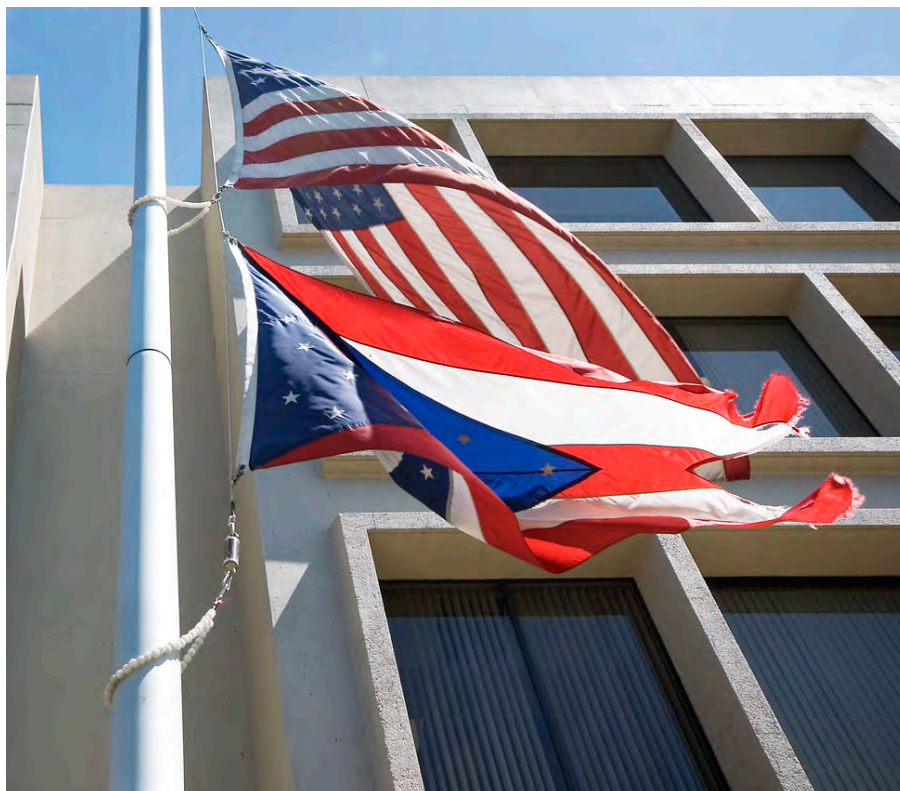
Mission Statement

The Cuyahoga County Medical Examiner's Office is a public service agency responsible for the investigation of violent, suspicious and sudden and unexpected deaths and the provision of laboratory services. The agency is committed to the dignified and compassionate performance of these duties with impartiality and the highest professional levels of quality and timeliness in the service of the general public, medical and legal communities and the overall public health of the citizens of Cuyahoga County.

2012 CUYAHOGA COUNTY MEDICAL EXAMINER'S ADMINISTRATION REPORT

Goals

- Goal 1:** To complete fair and impartial death investigations in a manner consistent with the highest standards of excellence with increasing faster turn-around times for death certificates, autopsy reports and testing in the Regional Crime Laboratory.
- Goal 2:** Increase capacity of the Regional Crime Laboratory and add the most advanced scientific techniques and equipment to serve all Cuyahoga County justice and law enforcement agencies.



- Goal 3:** Become the most highly accredited Medical Examiner's office and public crime laboratory in the United States.
- Goal 4:** Provide the largest historical database of public health information in the United States for public research and scientific and epidemiological advancement.
- Goal 5:** Retain and recruit experienced, accredited and professionally licensed staff in all the various departments.

2012 Accomplishments

- Achieved National Association of Medical Examiner's (NAME) accreditation
- Mass Fatality Plan developed and approved (two drills in 2012)
- Regional Crime Lab expansion design completed
- Sexual Assault kit testing begun (290 cases submitted May – Dec 2012)
- Heroin Death Review Committee formed
- Improved Death certificate and case completion rates (Average of 10.6 days down to 8.6 days for original death certificates from 2011; final case completion average down to 61 days from 68 days in 2011)
- 90% of toxicology testing within 60 days (11 of 12 months in 2012; 17 of 18 since Medical Examiner system implemented; average case turn-around time down to 25.8 days)
- 2011 Statistical Book produced after four year hiatus
- CCMEO Archive re-organization project completed
- Developed virtual crime scene training program
- Law Enforcement Training program re-instituted
- Increased Out of County autopsies by 25%
- Forensic pathologists on-call to attend any scene involving a homicide or suspected homicide

2012 LAW ENFORCEMENT TRAINING PROGRAM

The Cuyahoga County Medical Examiner's Office hosts a series of free training sessions for area law enforcement officers, providing crucial information regarding how the Office operates and conducts death investigations.



There are two sections to this training:

Introduction to Death Scene Investigation program is focused to the responding officer, EMS trainers, fire and rescue trainers, detectives, crime scene personnel, and death scene personnel. The program is both lecture and hands-on demonstration that facilitates discussion and provides education and promotion of the approach of a death scene as well as practical skills. Topics covered include but are not be limited to:

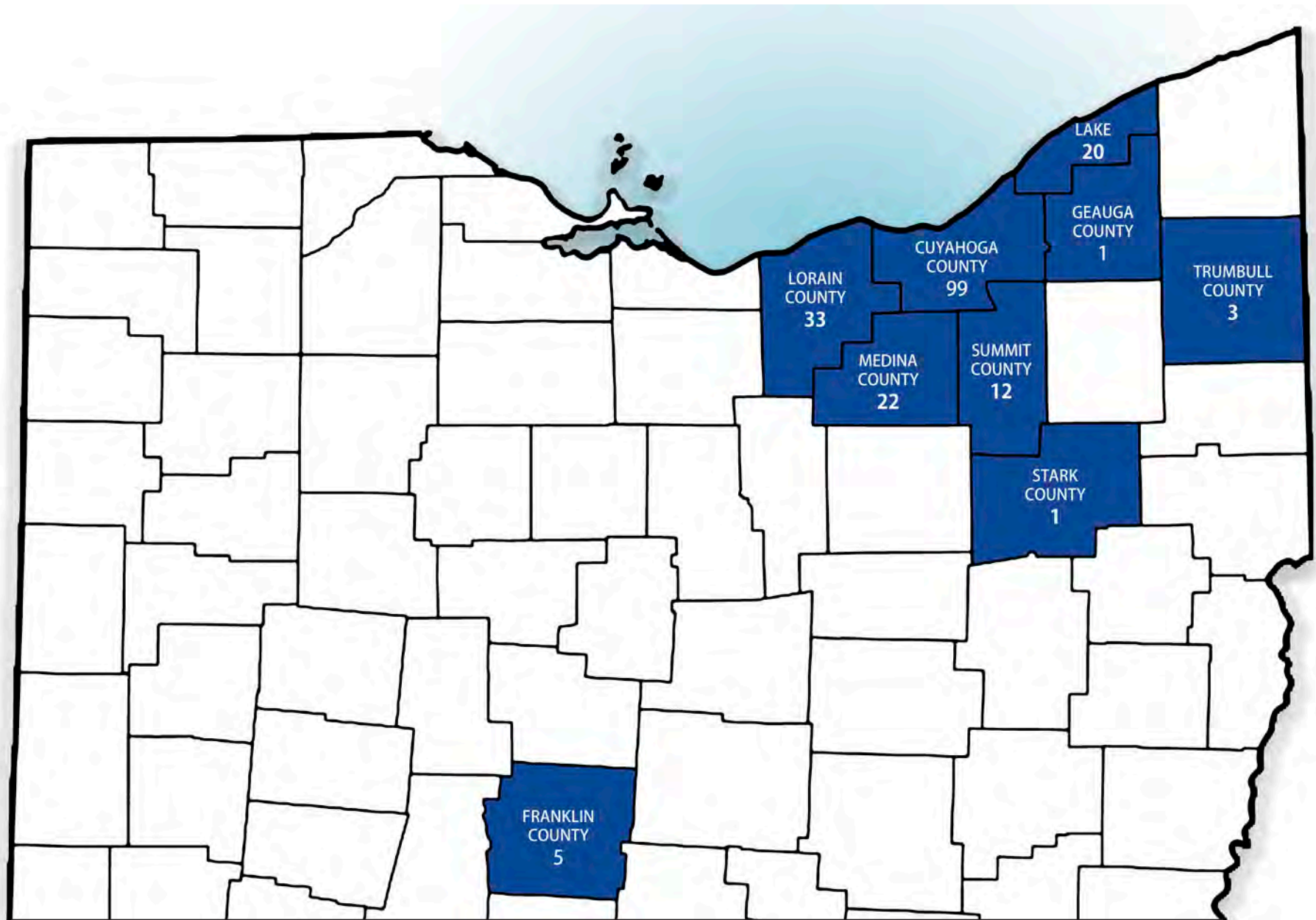
- Coroner vs. Medical Examiner
- Highlights of a forensic autopsy
- Difference between Cause and Manner of death
- Crime scene vs. death scene
- Approach to a death scene and responsibility
- Identification and documentation of evidence
- Assessing post mortem changes and traumatic injuries

Crime and Death Scene Investigation program is more focused on law enforcement officers, detectives, crime scene personnel, and death scene personnel. The program is again a mixed approach to processing death scenes, including a “mock” environment, which facilitates discussion, provides education and promotes an approach to a death scene so that practical skills for application are gained. Topics covered include but will not be limited to:

- Approach of a death scene and responsibility
- Assessing post mortem changes and traumatic injuries
- Difference of Cause and Manner of death
- Perspectives of the functional professionals in the related fields
- Trace Evidence collection and preservation at a scene

In 2012, nearly 200 officers attended training at the Cuyahoga County Medical Examiner's Office.

2012 DISTRIBUTION OF LAW ENFORCEMENT TRAINING PARTICIPANTS BY COUNTY



2012 GENERAL OFFICE REPORT



General Office

The responsibilities of the General Office is to aid the Cuyahoga County Medical Examiner's Office (CCMEO), in obtaining and creating the needed records and documents to accurately complete any and all Medical Examiner's Office cases (2,219 cases in 2012 alone). This office will assist health and law enforcement organizations, decedent's family members, and the community in obtaining the information needed for closure, legal, educational, and statistical purposes in a respectful and professional manner.

The functions of the General Office are multi-faceted. There are 3 General Office Case Managers that obtain information from hospitals, nursing homes, and law enforcement organizations, needed by the forensic pathologists to accurately determine cause and manner of death. Case Managers also work with funeral directors and decedent's family members to accurately create and complete death certificates and the official Medical Examiner's Report, and to distribute these documents to the appropriate recipients.

The portion of the Medical Examiner's Report prepared by Case Managers is called the Medical Examiner's Verdict and is part of a group of public records that is obtained through this office. A public record request can include any combination of the Verdict, Autopsy Protocol, and Toxicology Report. Photographs and Microscopic slides can only be obtained by certain agencies and family members. **In 2012 the Medical Examiner's Office provided records for 2,232 requests.** That's more than 40 requests per week!

Case Managers also serve in an important reporting role. They routinely provide information to local Vital Statistics departments, Children and Family Services, the Board of Health, and many hospitals and law enforcement agencies.

Record Management and Statistics

When all initial orders are completed and sent, the cases are stored in a file room until they can be scanned to disc. After scanning, the hard copy cases are stored in the Medical Examiner's Office archives (in a separate building). The case records and reports are to be held or stored in a secure and confidential manner that allows ready access as needed, recognizing that most inquiries involve recent cases, but that even cases which are many years old need to be archived appropriately for retrieval.

Information from cases is retrieved and compiled into specific categories for statistical purposes. This information is provided to many professional agencies on a weekly, monthly, or yearly basis. The Records Management and Statistics Department also plays a large part in creating the Statistics book that you are currently reading.



Photograph by J. Wentzel

2012 HISTOLOGY LABORATORY REPORT

The Histology Laboratory at the Cuyahoga County Medical Examiner's Office is responsible for preparing and staining microscopic slides of smears and tissue samples taken from decedents at the time of autopsy. The Histology Technologist processes the tissue samples through formalin, alcohol, and paraffin wax in order to cut thin sections of tissue, place them on glass slides, and stain them with hematoxylin and eosin (H&E). The stained tissue on the slide is covered with mounting media and a glass coverslip. When the slide dries the tissue is essentially protected and preserved indefinitely.

The slides produced are used primarily as a diagnostic tool by the Forensic Pathologist to aid in determining cause and manner of death. Generally, histologic slides are viewed in combination with all evidence collected to make a ruling. However, there are some diagnoses, such as myocarditis, made only by microscopic examination of tissue.

Approximately 30,000 to 35,000 slides are prepared annually in the lab. After each case is signed out by the Pathologist, all slides are returned to Histology. They are then filed and permanently kept in a secure location in our Archives.

Histology slides also serve as an investigative tool helping to solve cold cases when no other DNA evidence is available. Oral, vaginal and rectal (OVR) swabs are taken in cases of suspected homicide and sexual assault. Slides are made after the swabs are rubbed on glass slides and stained for the

Pathologist to view. Rape, assault, abuse, and paternity are all areas in which OVR smears are a part of physical evidence that can help prove the guilt or innocence of a defendant. Upon request the OVR smears taken at autopsy are transferred to the DNA department for further processing. The extracted DNA from the smears has resulted in DNA profiles which were later entered into CODIS. This work has led to DNA "hits" that contributed greatly to cold case investigation.

The Histology Laboratory also works with Civil, Prosecuting, and Defense Attorneys by supplying them with Legal Case Recuts from the original case blocks kept on file for 25 years. These slides are purchased by the lawyers and used by independent agencies to reexamine the evidence and give a second opinion regarding the case, mostly in civil suits.

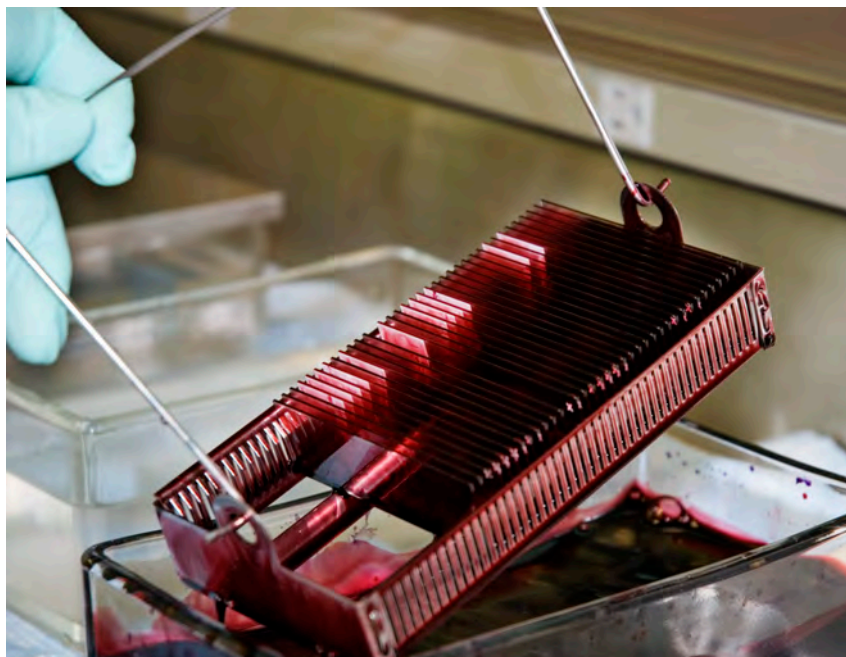


TABLE 78

2012 HISTOLOGY LABORATORY REPORT

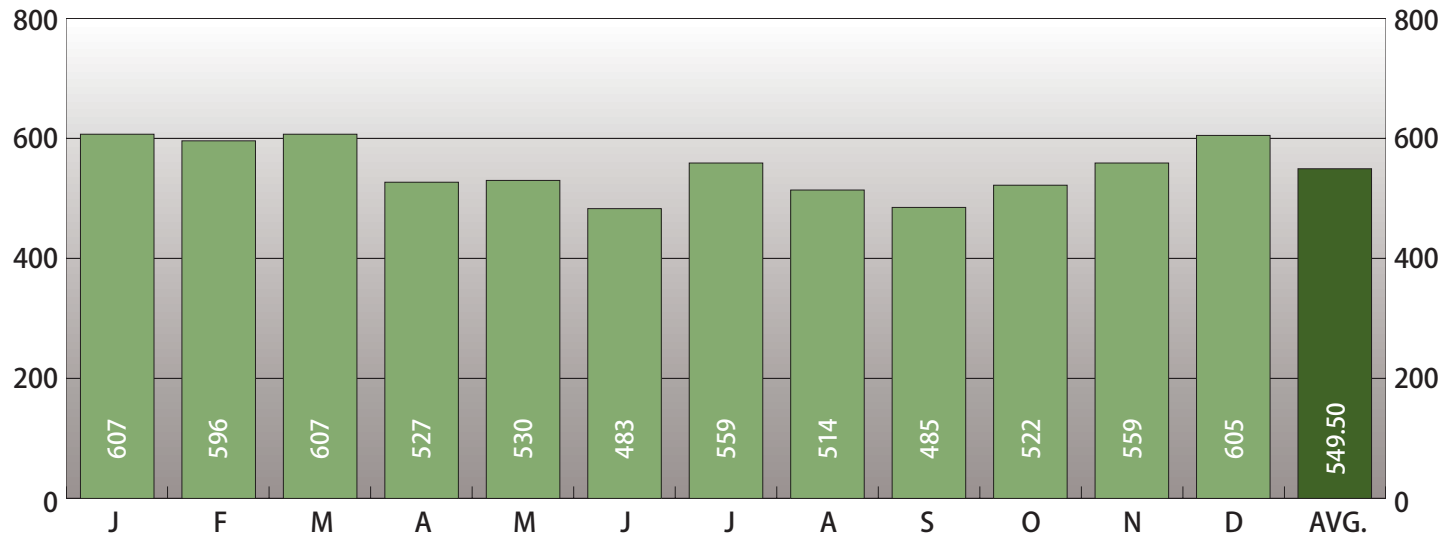
	Cuyahoga County	Outside Cuyahoga County	Total
Total Number of Autopsied Cases	1,073	224	1,297
Sections Received	27,084	6,022	33,106
Blocks Prepared	21,148	4,536	25,684
Slides Prepared and Stained			
Smears (Oral, Rectal, Vaginal)	282	56	338
Standard Staining (Routine Hematoxlin - Eosin)	22,236	4,648	26,884
Special Stains			
Acid Fast Bacteria	6	4	10
Amyloid	0	0	0
Gram	4	0	4
Gomori Methenamine Silver	10	4	14
Immunohistochemistry	4	0	4
Iron	176	60	236
Masson Trichrome	0	0	0
Periodic Acid Schiff	0	0	0
Recuts Prepared			
Diagnostic Recut	24	8	32
Educational Recut	42	4	46
Legal Case Recut	414	0	414
Total Slides Prepared	23,198	4,784	27,982

2012 INVESTIGATIVE UNIT REPORT

One of the primary responsibilities of the unit is to collect enough information from the initial death report to determine if the case needs to come into the Cuyahoga County Medical Examiner's Office or if it can be released. Once a death is determined to be a medical examiner's case, the investigations unit determines whether or not a scene visit is required. Once established Investigators gather data to help the pathologists formulate the cause and manner of death. Investigative information includes the Investigator's report, scene photographs, medical records, police records, trace evidence findings, consultant's findings, special test results, etc.

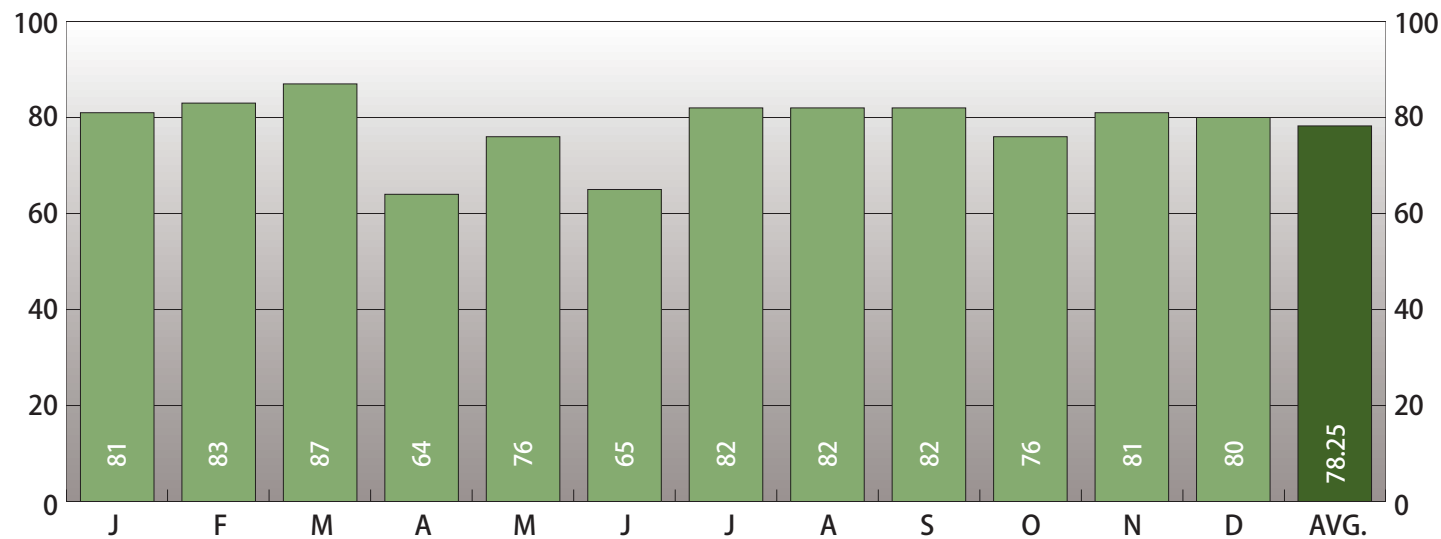


TOTAL NUMBER OF HANDLED CASES BY MONTH FOR THE YEAR 2012



2012
TOTAL CASES
6,594

TOTAL NUMBER OF SCENE INVESTIGATIONS BY MONTH FOR THE YEAR 2012

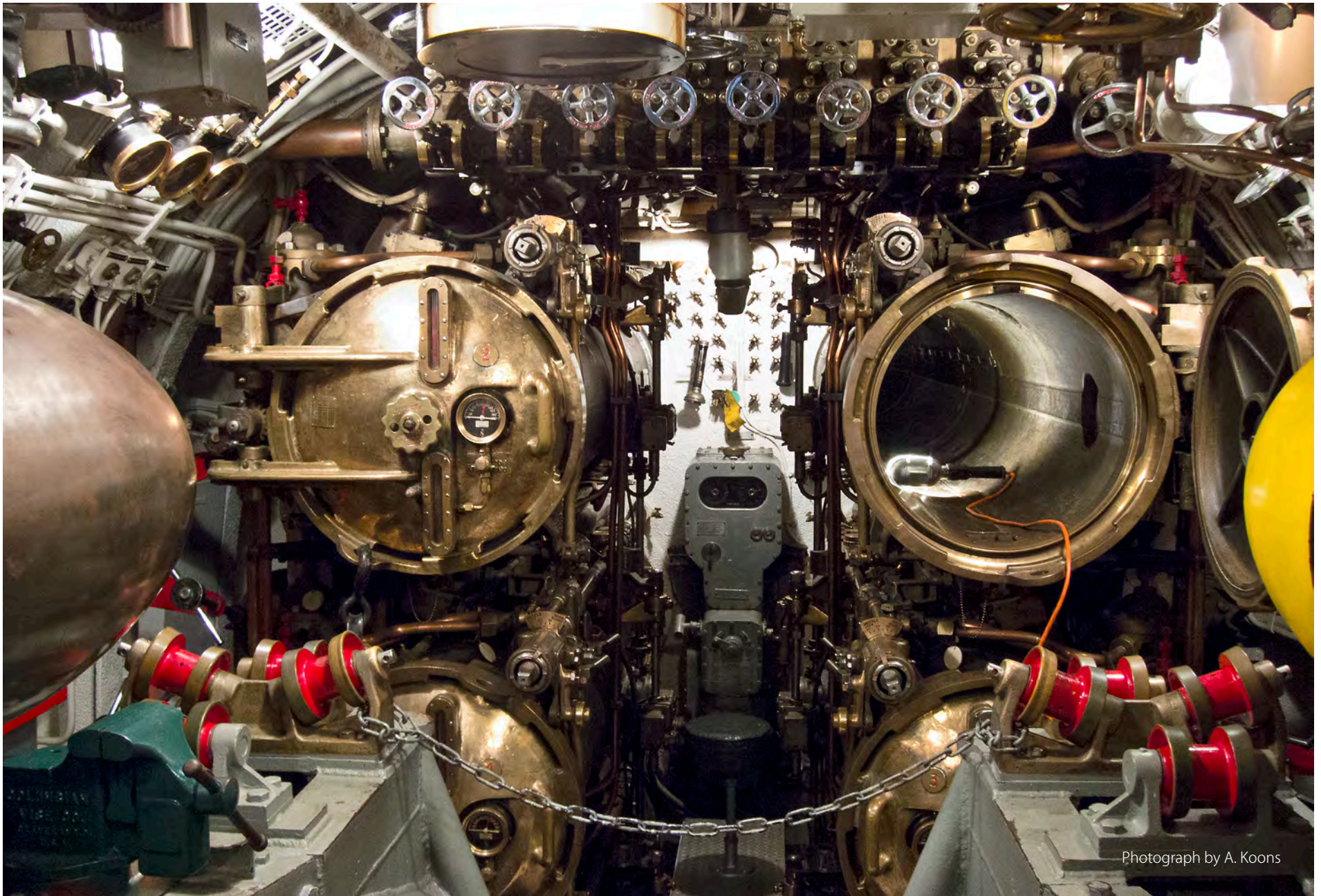


2012
TOTAL SCENES
939

2012 MEDICAL SECRETARIES REPORT

The Medical Secretaries work with the Pathologists to complete the Final Pathological Diagnosis and Report of Autopsy for both Cuyahoga County and a number of surrounding counties. Medical Secretaries, like Case Managers obtain information from agencies to assist the Pathologists in their determination of cause and manner of death. They also report deaths to the Ohio SIDS Network (deaths of children under 2 years of age), and to Children and Family Services or KIDS Network (children 17 years of age and under). The Medical Secretaries maintain schedules for the visiting medical students and resident doctor's rotations. The department answers telephone calls and takes messages for the Pathologists, prepares bills for out of county autopsies, does file management, and maintains departmental records and logs. **The Medical Secretaries completed 1,073 Final Pathological Diagnosis and Reports of Autopsy for Cuyahoga County cases and 223 for surrounding county cases in 2012.**





Photograph by A. Koons

2012 PATHOLOGY DEPARTMENT REPORT

The Department of Pathology is staffed by 5 – 6 full time physicians who are Board Certified Forensic Pathologists (or have extensive experience) and 1 – 2 physicians that are training in forensic pathology (fellows). All of the physicians are appointed as Deputy Medical Examiners and assist the Medical Examiner in his medical duties.

Pathology is a medical specialty that concerns the diagnosis of disease through examination of body tissue and fluids. There are two main branches of pathology – anatomic and clinical. Anatomic pathology involves examination of body tissues removed from the body. Surgical pathology and cytology are the two most familiar areas since they deal with biopsy or surgical specimens and/or cell examinations like the PAP smear. Clinical pathology evaluates body fluids. Areas of clinical pathology include chemistry, microbiology, hematology, and blood banking. Forensic pathology is a subspecialty of pathology that applies the techniques of anatomic and clinical pathology to legal issues.

The primary duty of the Deputy Medical Examiner is to perform autopsies to determine the cause and manner of death. Additional duties include testifying in court in both criminal and civil cases, teaching medical students, hospital pathology residents, and other groups, and occasional examination of death scenes.

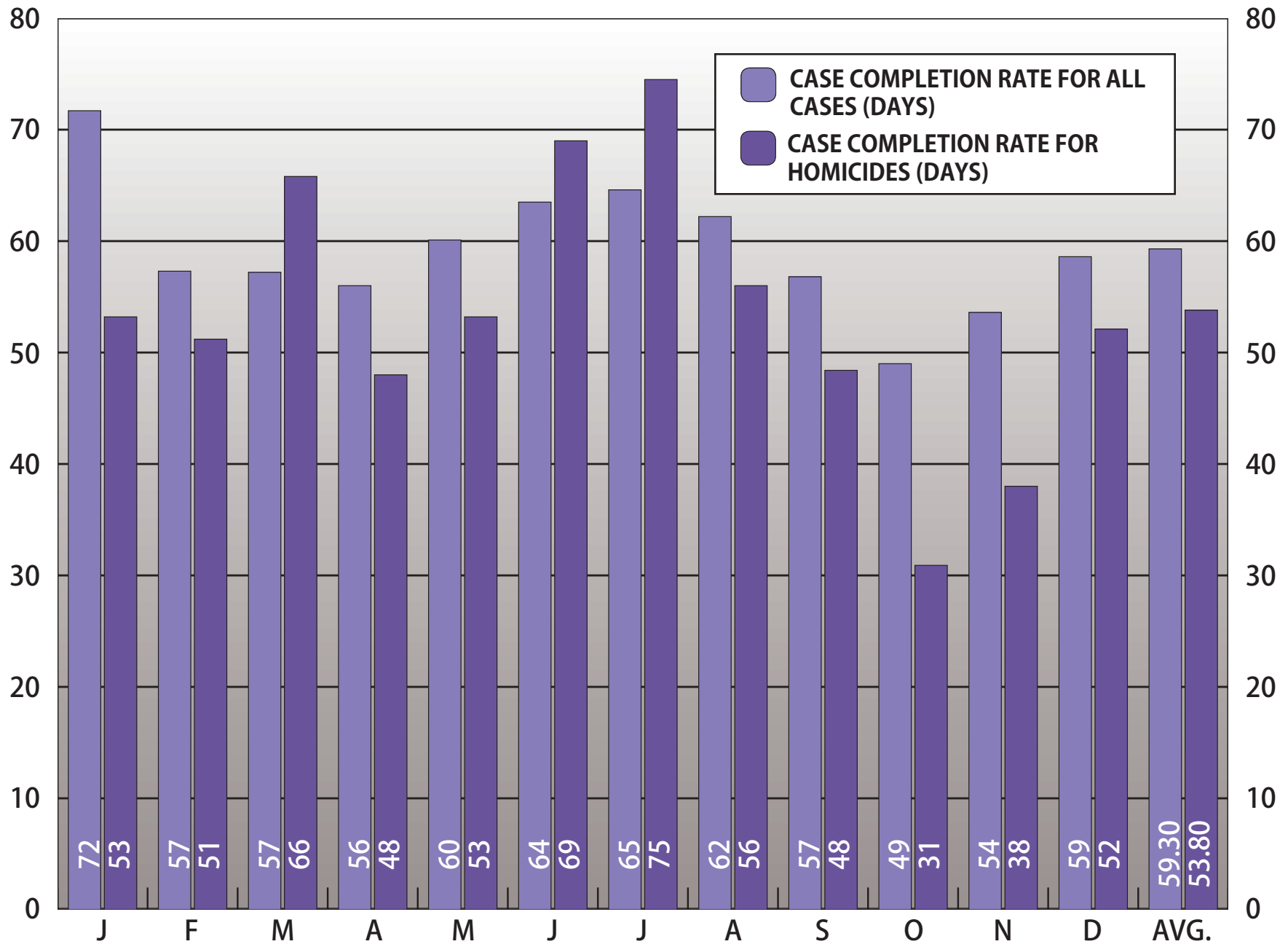
Determination of cause and manner of death is an involved process that can take anywhere from a few days to months, depending on how complicated the case. Most bodies that come to the Medical Examiner's Office do not require an autopsy. These bodies are examined externally only. Those cases that meet certain criteria are autopsied the same or next day. The autopsy consists of three main components – gross examination of the body (looking at the body and organs with the naked eye), microscopic examination (examining tissue biopsies under



the microscope), and toxicological examination (testing body fluids for prescription and over-the-counter medications as well as street drugs). To formulate the cause and manner of death, the pathologist will combine the findings of the autopsy with investigative information. Investigative information includes the Medical Examiner's Investigator report, scene photographs, medical records, police records, trace evidence findings, consultant's findings, special test results, etc. The manner of death consists of five categories – natural, accidental, suicide, homicide, and undetermined.

The Cuyahoga County Medical Examiner's Office's Deputy Medical Examiners work closely with families, police, prosecutors, defense attorneys, and other county Coroners to provide accurate death certification.

2012 PATHOLOGY DEPARTMENT REPORT
2012 PATHOLOGY CASE COMPLETION RATES



2012 RADIOLOGY REPORT

The utilization of radiologic investigation in the Cuyahoga County Medical Examiner's Office can be grouped under the following general broad headings:

- Foreign body identification and localization.
- Documentation of the type and extent of traumatic injuries.
- The identification of congenital anomalies affecting the skeleton.
- Demonstration of underlying diseases which may or may not be related to the cause of death.
- Investigative uses in conjunction with studying specific details.
- Identification of persons in mass catastrophes 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 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."

In 2009 the victims from the Imperial Avenue tragedy all

received thorough radiologic examinations. This procedure assisted with establishing the identities of the deceased. 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.

Radiographs are utilized in the examination of soil samples as an aid to locate skeletal remains and other items of interest. Mattresses, box springs, charred material, various automobile parts and even a tennis shoe have been X-rayed to locate foreign bodies.

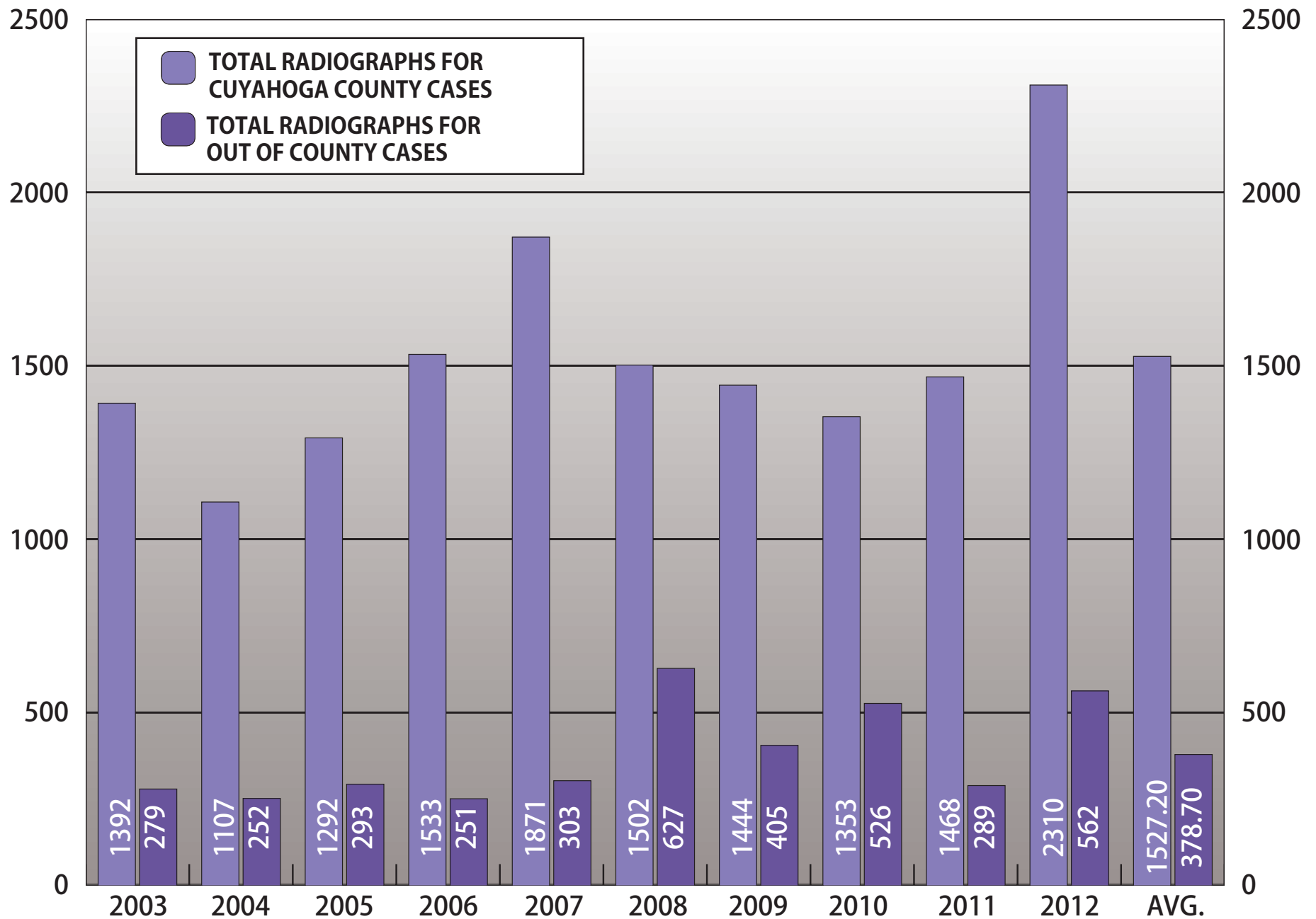
The Cuyahoga County Medical Examiner's Office converted from film radiographs to a Digital Computerized Radiograph (CR) system in July, 2011. The quality of images and the versatility provided by the system has significantly enhanced the information provided to the Forensic Pathologists. The ability to enlarge an image to key in on a specific aspect of an examination or vary the contrast and brightness to identify skeletal deformities has been of great value.

In the event of a plane crash or other mass casualty event, the Digital Computerized Radiograph (CR) system in conjunction with the portable X-ray unit can be transported and set up promptly on site. This allows for the ability to perform and deliver quality radiographs from a remote location.

The immediate availability of diagnostic radiographic equipment in the Cuyahoga County Medical Examiner's Office offers the Forensic Pathologist an invaluable tool which aids in performing the autopsy, saving time, as well as accurately documenting pathologic changes.

**2,310 radiographs were made in 2012 of inside cases.
562 radiographs were made in 2012 of outside cases.**

2012 PATHOLOGY DEPARTMENT REPORT
RADIOGRAPHS FOR A PERIOD OF TEN YEARS



2012 PHOTOGRAPHY UNIT REPORT

Since 1951, forensic photography tools and techniques have changed dramatically at the Cuyahoga County Medical Examiner's Office, but its primary purpose remains unchanged: to provide a credible, accurate, objective visual record of medical/legal evidence. Scenes of death or bodily injury, associated evidence, wounds, organ specimens and recognizable features of identification on a body are available for examination for only a short time. Therefore, all these subjects (a facial I.D. photo, autopsies, gross specimens, clothing, or trace evidence) are routinely documented by the photography staff. Afterwards, any image processing or printing is done in house. This is discreet, maintains the uninterrupted chain of possession of evidence, and facilitates the availability of image files, negatives, and prints. The Photography Unit also processes and archives images from other sources including Receiving, the Investigation Unit, hospitals, and law enforcement agencies.

Photography, as part of a case report, provides visual support to the written notes and observations of the pathologist during viewing or autopsy, the forensic scientist's examination of clothing or evidence, and the findings of other staff members. It is a teaching aid in lectures and a visual aid in court presentations and published research. It can also stand alone, conveying information that words cannot, and be an investigative tool in itself. Besides recording what can be seen with the human eye, photography surpasses that through a variety of special techniques, making the small large, the invisible visible, or otherwise enhancing all or some aspect of the subject. Infrared light can be isolated and photo-documented to reveal gunshot residue, while ultraviolet light assists in identifying marks on a decedent's skin. Transparent overlays of impressions reproduced in a 1:1 fashion illustrate patterns that can be matched to fabric, a tool, or a tire tread, and photomicrography shows pathology of disease or the

presence of foreign matter on the finest scale.

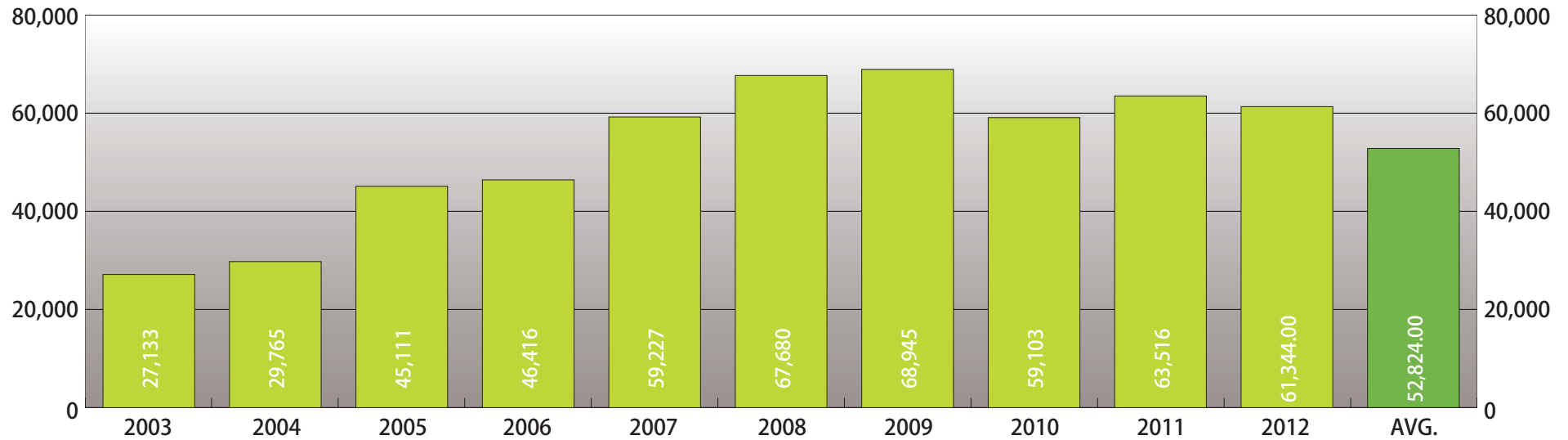
Since 1989, the Photography Unit has made use of computer hardware, software, and digital imaging technology to improve its investigative potential, resolve spatial relation questions encountered in crime and accident scenes, and complete graphic assignments more quickly and efficiently. In 2000 the Photography Unit successfully made the transition from film to digital technology. Presently all services previously performed with film are accomplished using digital equipment, with the highest priorities placed upon image security, image quality (resolution and color), and image file authentication and archiving. Mindful of the ever-increasing emphasis on quality assurance, the Photography Unit continues to advance standards and practices consistent with guidelines established by SWGIT and other respected authorities.

Historically, the Photography Unit at the Medical Examiner's Office has also had the responsibility and the resources to produce three-dimensional constructs and graphics (including this report). Charts, graphs, illustrations, crime scene reconstructions or other scale models are utilized in court, classrooms or publications as effective ways to make investigative, scientific, or technical points more accessible to jurors, students, or law enforcement personnel in a way that verbal description cannot.

As the demand for products and services offered by the Photography Unit increases, the dedicated staff continues to improve themselves with targeted training and instruction. Through sustained learning, forensic photographers are exposed to new skills, techniques, and emerging technologies. This emphasis on education will allow the Photography Unit to better serve the office's forensic pathologists and scientists, Northeast Ohio's law enforcement community, and the citizens of Cuyahoga County.

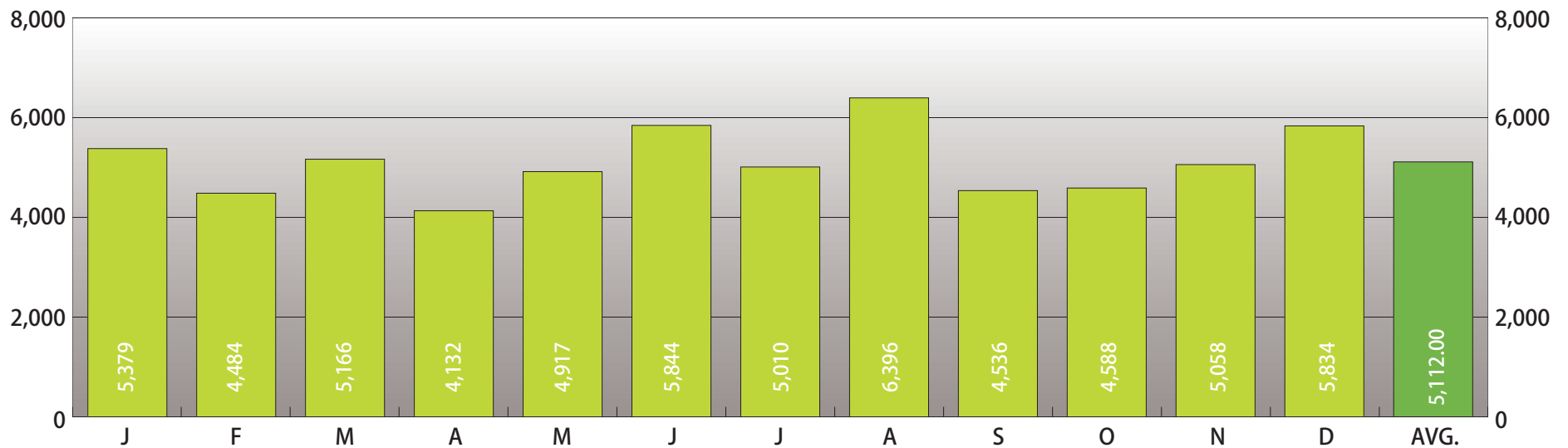
2012 PHOTOGRAPHY UNIT REPORT

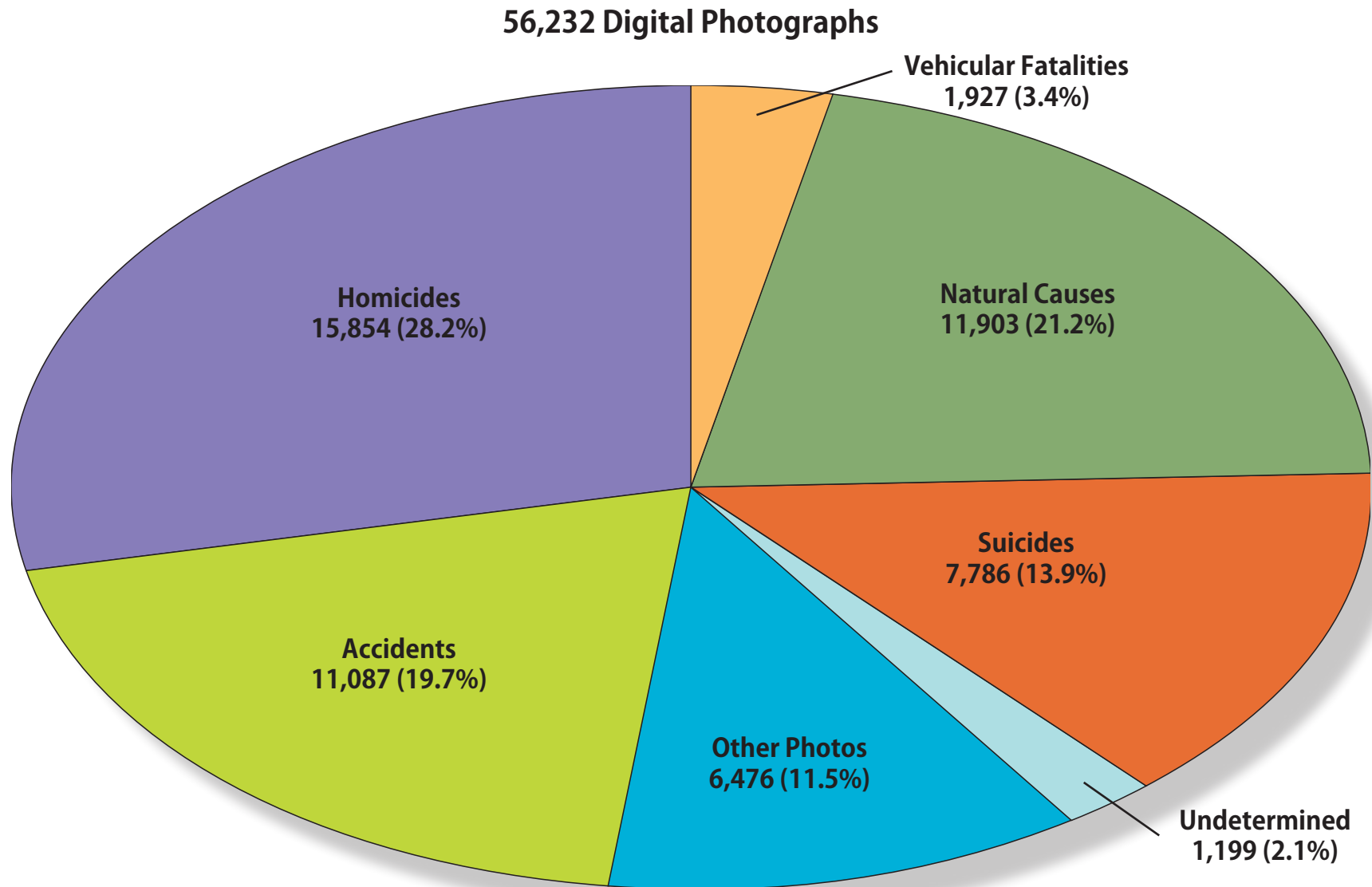
TOTAL NUMBER OF RECORDED IMAGES FOR A PERIOD OF TEN YEARS



2012 PHOTOGRAPHY UNIT REPORT

TOTAL NUMBER OF RECORDED IMAGES BY MONTH FOR THE YEAR 2012

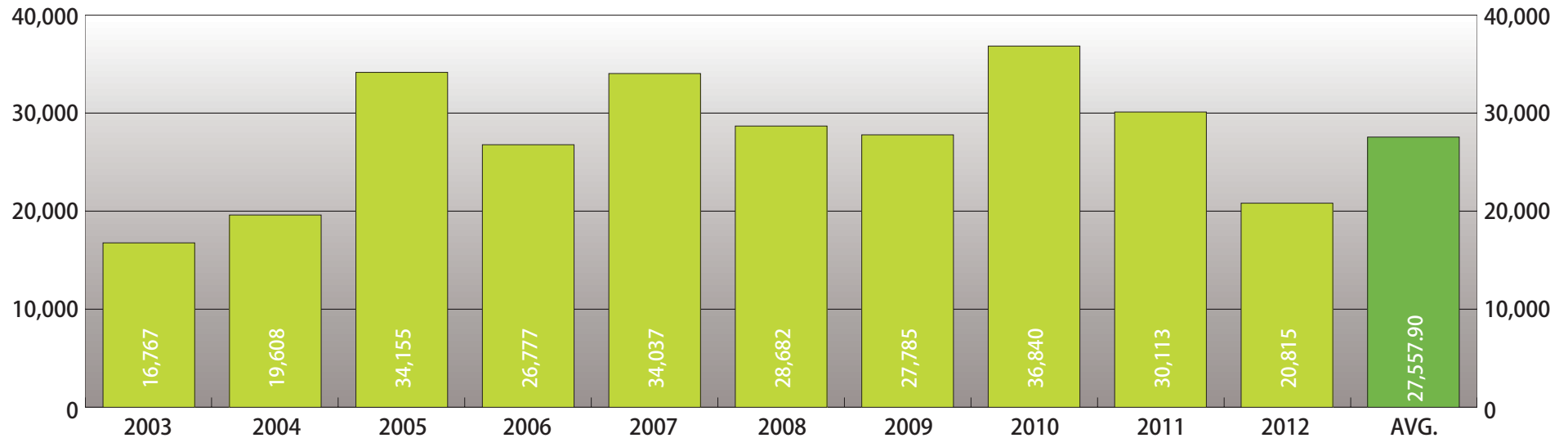




*Only the 56,232 digital images of 2012 Medical Examiner's cases taken in the calendar year 2012 were tabulated for this chart.

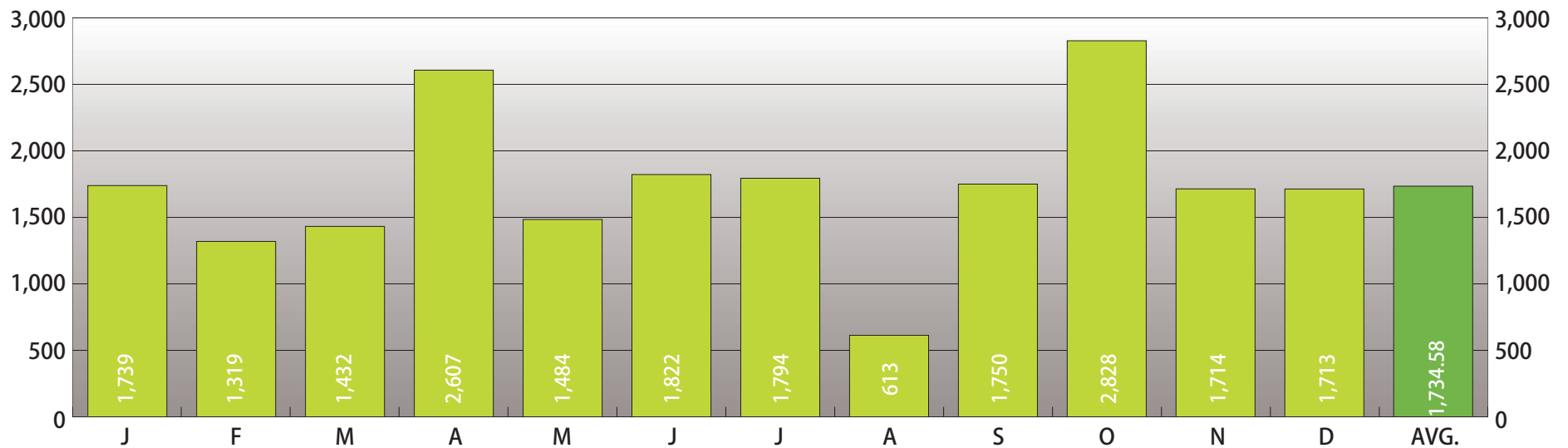
2012 PHOTOGRAPHY UNIT REPORT

TOTAL NUMBER OF RELEASED IMAGES (PRINTED AND DIGITAL) FOR A PERIOD OF TEN YEARS



2012 PHOTOGRAPHY UNIT REPORT

TOTAL NUMBER OF RELEASED IMAGES (PRINTED AND DIGITAL) BY MONTH FOR THE YEAR 2012



2012 CUYAHOGA COUNTY REGIONAL FORENSIC SCIENCE LABORATORY REPORT

While in the planning for over a decade, “The Lab” has been in operation for only a brief time. However, it is built upon the foundation of one of the oldest and longest continuously running coroner labs in the nation. Now under a new government, Cuyahoga County appoints a professional forensic pathologist to serve as the Medical Examiner. Dr. Thomas P. Gilson was named as Cuyahoga County’s first medical examiner in 2011. Dr. Gilson stands firmly behind the concept of creating a forensic lab to serve the justice needs of the region.

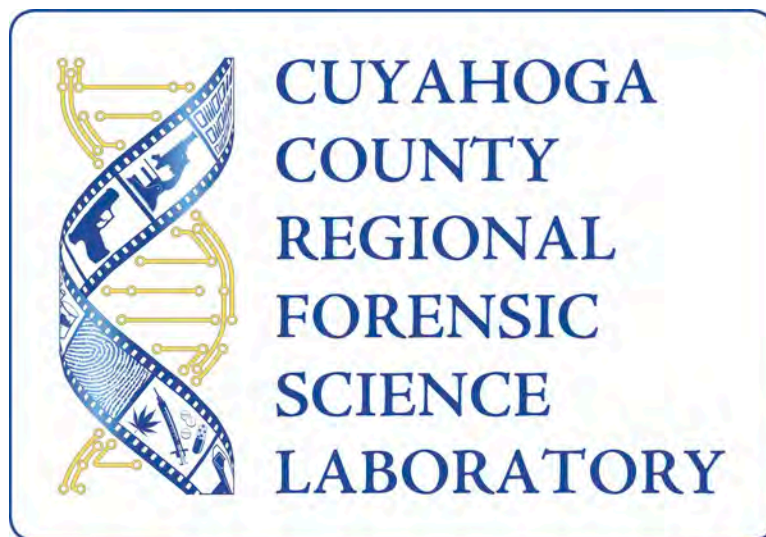
Dozens of scientists populate several accredited laboratories, all working for one goal - “Truth and justice through science.” These capabilities are not inexpensive but are being made available to every justice or law enforcement agency who wishes to take advantage of them.

The Cuyahoga County Medical Examiner’s Office Regional Forensic Science Laboratory is accredited as a whole by ASCLD/LAB-International and maintains compliance with the guidelines set forth by ISO/IEC 17025 and ASCLD/LAB-International Supplemental Requirements for Forensic Science Testing Laboratories. In addition, the DNA unit also maintains compliance with the FBI Quality Assurance Standards for Forensic DNA Testing Laboratories. The Parentage

and Identification lab maintains accreditation from the American Association of Blood Banks (aabb). The Toxicology Lab will have secured, as of publication, separate accreditation from the American Board of Forensic Toxicology (ABFT).

These accreditations verify the reliability of various aspects of the testing including laboratory equipment, the qualifications of our laboratory staff, and the soundness of our testing methods and standard operating procedures. Further, it makes the CCRFSL the most highly accredited public forensic laboratory in the United States.

Future planning calls for an expansion of services and laboratories, as early as 2014 along with state-of-the-art equipment all paid courtesy of a portion of the settlement funds from the Gruttadauria prosecution.





Photograph by J. Wentzel

2012 DRUG CHEMISTRY SECTION REPORT

The Drug Chemistry Section started in 2008 as plans for a regional crime lab began to take shape. The Coroner's Drug Chemistry Section became more of a reality when an agreement was reached with the Cuyahoga County Sheriff for the Coroner's office to be the sole provider of controlled substance testing for that agency. Late in 2009 this service was finally made available. The section has expanded greatly with the formation of agreements with CMHA and the City of Cleveland to provide this service in exchange for personnel to help perform regional testing, as well as a dozen or so other agencies on an annual contract or on a fee-per-case basis.

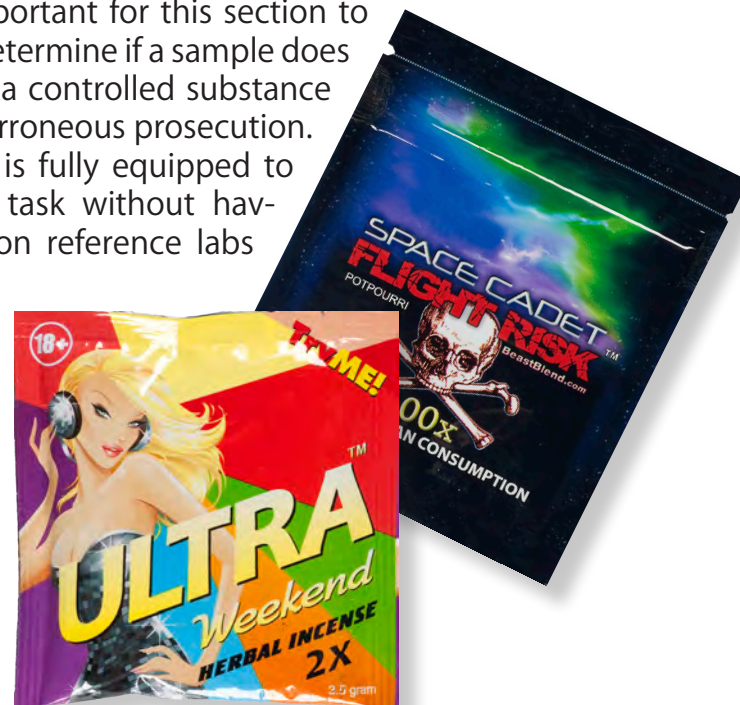
The Drug Chemistry Section has streamlined its reporting process by producing and delivering all reports electronically. Doing so has allowed the new Cuyahoga County Regional Forensic Science Lab to deliver controlled substance testing results much more quickly and efficiently than was being done previously. By combining this with very low turnaround times, the Drug Chemistry Section is providing controlled substance results faster than any other lab in the state and well below the national average. The accepted industry standard for the time needed to complete a drug chemistry case is 14 days while some labs consider 30 days to be satisfactory performance. Cases older than 30 days are considered to be backlogged cases.

Our Drug Chemistry Section averaged 3.5 days to complete a case in 2011 and this rate has been further lowered to



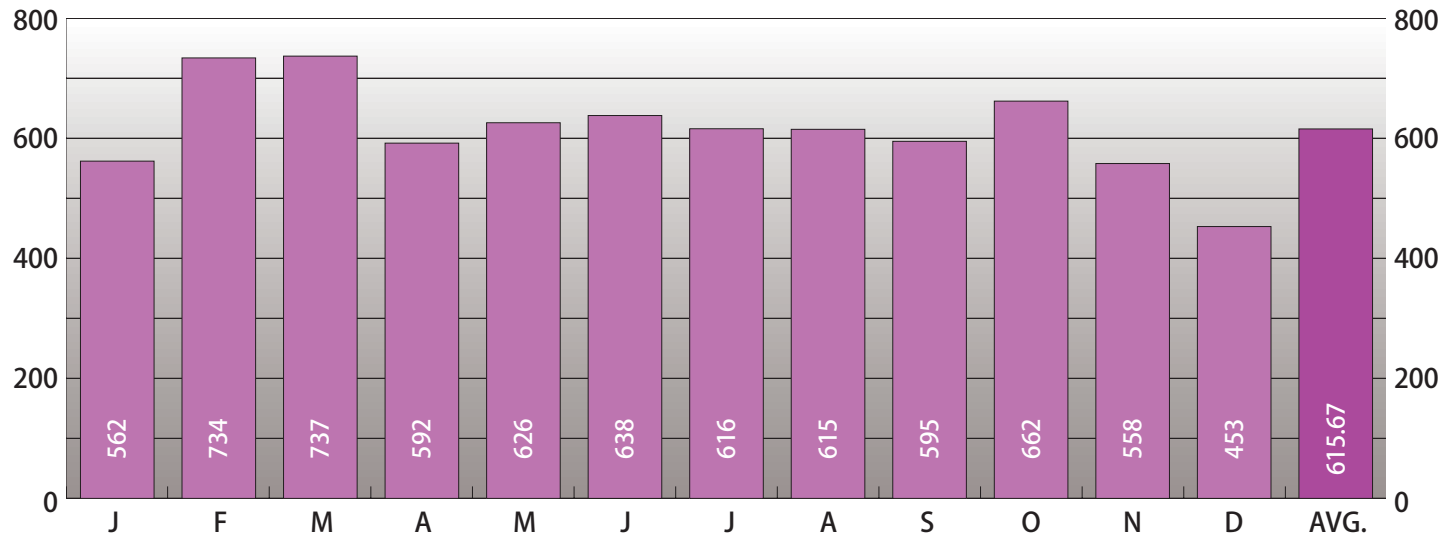
approximately 2.5 days over the current year. We have no cases older than 30 days and no overtime is required to complete our casework. All of this has benefited the citizens of Cuyahoga County by reducing the cost of housing inmates in the county jail while they await arraignment on drug related offenses. Future plans include a completely paperless operation as well as an Internet based information system whereby all submitting agencies can search for and print their reports from any location 24 hours a day.

The Drug Chemistry Section provides controlled substance testing to law enforcement. It is the purpose of this section to weigh and identify any controlled substance that might be present in suspected drug evidence. It is also important for this section to be able to determine if a sample does not contain a controlled substance to prevent erroneous prosecution. The section is fully equipped to handle this task without having to rely on reference labs or some other source of external testing.



2012 DRUG CHEMISTRY SECTION REPORT

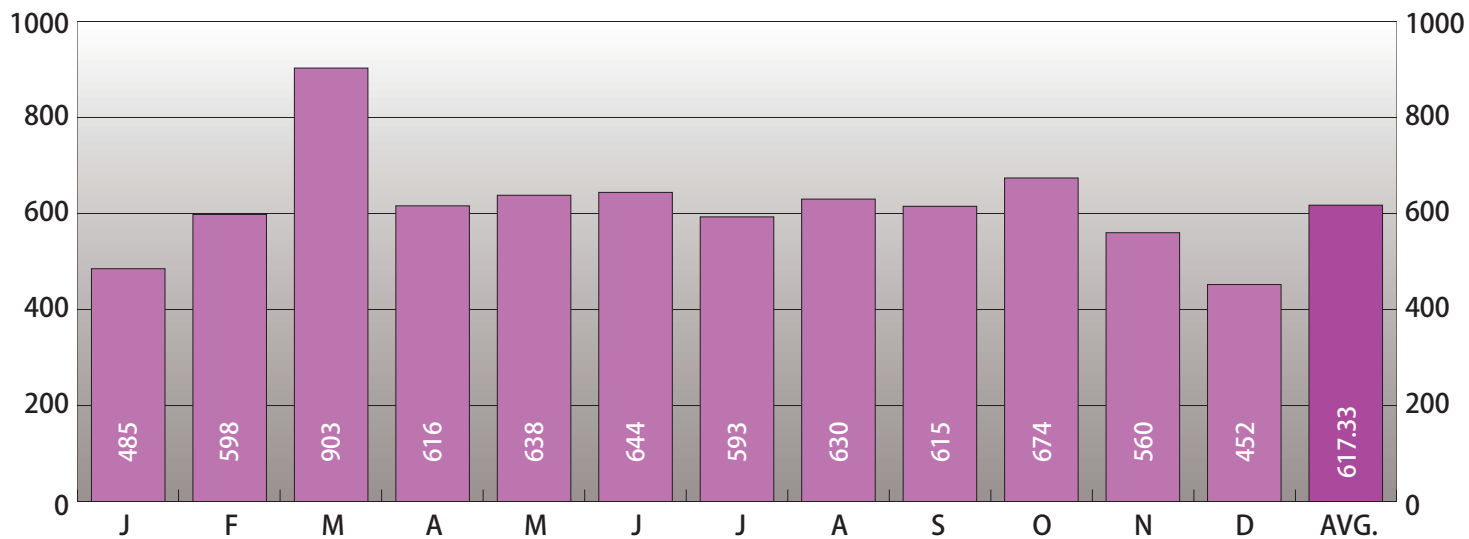
CASES SUBMITTED BY MONTH FOR THE YEAR 2012



2012
TOTAL CASES
7,388

2012 DRUG CHEMISTRY SECTION REPORT

CASES COMPLETED BY MONTH FOR THE YEAR 2012



2012 DRUG CHEMISTRY SECTION REPORT
2012 CASELOAD BY SUBMITTING AGENCY

TABLE 79

Submitting Agency	Total
CMHA Police Department	1264
Cleveland Police Department-5th District	1251
Cleveland Police Department-3rd District	1032
Cleveland Police Department-4th District	977
Cleveland Police Department-2nd District	968
Cleveland Police Department-1st District	597
Cleveland Police Department Narcotics	543
RTA Transit Police	359
Cuyahoga County Sheriff's Office	160
Lakewood Police Department	64
Cleveland MetroPark Ranger Department	29
Cuyahoga County Medical Examiner's Office	23
Bedford Police Department	21
Cleveland Police Department Traffic Enforcement	19
Cleveland Police Department Homicide	17
Cleveland Clinic Police Department	12
Highland Heights Police Department	12
Collaborative Testing Services	8
CPD Cleveland-Hopkins Airport Authority	6
Cleveland Police Department Fugitive Unit	3
Cleveland Police Department - Narcotics	3
Hunting Valley Police Department	3
Brooklyn Heights Police Department	2
CPD Internal Affairs	2
MetroHealth Police Dept.	2
Richmond Heights Police Department	2
Chester Township PD	1
Cleveland Fire Department	1
Cleveland Municipal Court	1
CPD Sex Crimes Unit	1
Northern Ohio Law Enforcement Taskforce	1
Orange Village Police Department	1
Parma Police Department	1
Strongsville Police Department	1
Trumbull Memorial Hospital	1

TABLE 80

2012 CONTROLLED SUBSTANCE RESULT FREQUENCY*

Controlled Substance	Total
Marihuana	6832
Cocaine	2559
No Controlled Substance	1465
Heroin	1234
Club Drugs	606
Synthetic Cannabinoids	471
Oxycodone and Acetaminophen	149
PCP	144
Hydrocodone and Acetaminophen	85
Alprazolam	83
Methamphetamine	72
Oxycodone	70
Anabolic Steroids	60
Diazepam	35
Amphetamine	31
Clonazepam	30
Hashish	27
Buprenorphine	18
Buprenorphine and Naloxone	15
Carisoprodol	15
Ephedrine/Pseudoephedrine	14
Morphine	14
Methadone	13
Oxymorphone	13
Psilocyn	12
Lorazepam	11
Methylphenidate	10
Methylone	9
Codeine and Acetaminophen	8
Ketamine	8
Codeine Syrup	7

*7,388 total cases were processed in 2012.

2012 DRUG CHEMISTRY SECTION REPORT

2012 CONTROLLED SUBSTANCE RESULT FREQUENCY* (continued)

TABLE 80

Controlled Substance	Total
Zolpidem	7
Hydrocodone	5
Pentedrone	5
Pentylone	4
Pyrovalerone	4
Lisdexamphetamine	3
LSD	3
Propoxyphene and Acetaminophen	3
Tramadol	3
Cathine	2
Dronabinol	2
Ethylone	2
Pregabalin	2
25I-NBOMe	1
Amitriptyline	1
Bromazepam	1
Cathinone	1
Chlordiazepoxide	1
D2PM	1
Estazolam	1
Fentanyl	1
Hydrocodone and Ibuprofen	1
Hydromorphone	1
Mitragynine (Kratom)	1
Oxycodone and Aspirin	1
Phentermine	1
Promethazine	1

*7,388 total cases were processed in 2012.

TABLE 81

2012 CONTROLLED SUBSTANCE AMOUNTS REPORTED

Controlled Substance	Amount Reported
Marihuana	546722 grams
Cocaine	35141 grams
Synthetic Cannabinoids	16722 grams
Cathine	12835 grams
Cathinone	12,835 grams
No Controlled Substance	11399 grams
No Controlled Tablets	7288 unit dose
Heroin (by weight)	3194 grams
Morphine	2418 grams
Oxycodone and Acetaminophen	1666 unit dose
Club Drugs	1653 unit dose
Methamphetamine	1582 grams
Heroin (by unit dose)	1256 unit dose
Lorazepam	1160 unit dose
Oxycodone	1158 unit dose
Cocaine Residue	937 items
Oxycodone	820 grams
Hydrocodone and Acetaminophen	653.5 unit dose
Codeine Syrup	642.2 grams
Alprazolam	595 unit dose
Marihuana Residue	560 items
Psilocyn	480.1 grams
Diazepam	408 unit dose
Heroin Residue	375 items
Hashish	370 grams
Clonazepam	343.5 unit dose
Amitriptyline	332 unit dose
Testosterone Enanthate	325 milliliters
Methadone	275.5 unit dose
Pseudoephedrine	254.58 grams
PCP	253.26 grams
Oxymorphone	209 unit dose
Amphetamine	187 unit dose
Carisoprodol	178.5 unit dose
Alpha-PVP	166.39 grams
Ketamine	161.27 grams
Morphine	142.5 unit dose
Zolpidem	127.5 unit dose
Chlorodehydromethyl Testosterone	120 milliliters
Methylphenidate	101 unit dose
Oxymetholone	95 unit dose
PCP Cigarettes	92 unit dose

2012 DRUG CHEMISTRY SECTION REPORT

2012 CONTROLLED SUBSTANCE AMOUNTS REPORTED (continued)

TABLE 81

Controlled Substance	Amount Reported
Pseudoephedrine Tablets	87 unit dose
Promethazine	86.3 grams
Hydromorphone	77 unit dose
Codeine and Acetaminophen	71 unit dose
Methyltestosterone	66.5 unit dose
Buprenorphine	64 unit dose
Propoxyphene and Acetaminophen	63 unit dose
Stanozolol	60 milliliters
4-Methylethcathinone	56.7 grams
Testosterone Propionate	53.5 grams
Buprenorphine and Naloxone	49 unit dose
Boldenone Undecylenate	44.5 milliliters
PCP Residue	43 items
Pyrovalerone	39.8 grams
Oxandrolone	39 unit dose
Methamphetamine Residue	38 items
Testosterone Enanthate	37.49 grams
Dromostanolone Propionate	28.30 grams
Dromostanolone Enanthate	25 milliliters
Hydrocodone (powder)	22.99 grams
Nandrolone Decanoate	20 milliliters
DMT	19 grams
Oxycodone and Aspirin	19 unit dose
Lisdexamphetamine	18 unit dose
Nandrolone	15.49 grams
Pentedrone	14.44 grams
Chlordiazepoxide	14 unit dose
Testosterone Cypionate	13.55 grams
Pentylone	13.37 grams
LSD	12 unit dose
Pregabalin	10 unit dose
Hydrocodone and Ibuprofen, Schedule III	9 unit dose
Methylone	2.98 grams
Dronabinol	2 unit dose
Mesterolone	2 unit dose
Diphenylprolinol (D2PM)	1.08 grams
Estazolam	1 unit dose
Phentermine	1 unit dose
Mitragynine (Kratom)	0.70 grams
Ethylone	0.56 grams
Bromazepam	0.50 unit dose
Fentanyl	0.33 grams

THE GREAT AMERICAN RIB COOK-OFF AND MUSIC FESTIVAL



Photograph by A. Koons

2012 FORENSIC DNA UNIT REPORT

The Forensic DNA Unit helps to determine the possible identity, cause and circumstances in a criminal case through DNA analysis on the biological evidence in the case. DNA, or deoxyribonucleic acid, is a large molecule located within cells that contains the genetic instructions or blueprints needed to construct other components of cells and are used in the development and functioning of life forms. DNA analysis is a powerful tool because each person's DNA is unique (with the exception of identical twins).

The DNA unit maintains compliance with the FBI Quality Assurance Standards for Forensic DNA Testing Laboratories along with the Regional Forensic Science Lab overall ASCLD-LAB accreditation. These accreditations verify the reliability of various aspects of the testing including laboratory equipment, the qualifications of our laboratory staff, and the soundness of our testing methods and standard operating procedures.

The Forensic DNA Unit consists of two components: CODIS and Casework.

The CODIS component makes use of the federal Combined DNA Index System (CODIS) which blends computer and DNA technologies into an effective tool for fighting violent crime. The current version of CODIS uses two indexes to generate investigative leads in crimes where biological evidence is recovered from the crime scene. The Convicted Offender index contains DNA profiles of individuals convicted of felony sex offenses (and other violent crimes). The Forensic index contains DNA profiles developed from crime scene evidence. CODIS utilizes computer software to automatically search these indexes for matching DNA profiles.

The Casework element involves performing scientific analysis of biological samples recovered from crime scenes. DNA collection and analysis gives the criminal justice field a

powerful tool for convicting the guilty and exonerating the innocent.

The unit assists law enforcement in resolving homicide cases through identification of any foreign DNA on the victim and through identification of DNA on the evidence collected from the crime scene and potential suspects. The unit also performs DNA analysis on biological evidence collected in sexual assault cases. In addition, the unit also performs DNA analysis on numerous evidentiary items such as guns, trigger, spent shell casings, knives, door knobs/handles, steering wheels, drug pouches and plastic baggies, which can successfully link the perpetrator to the item to help the law enforcement agencies in solving various crimes.

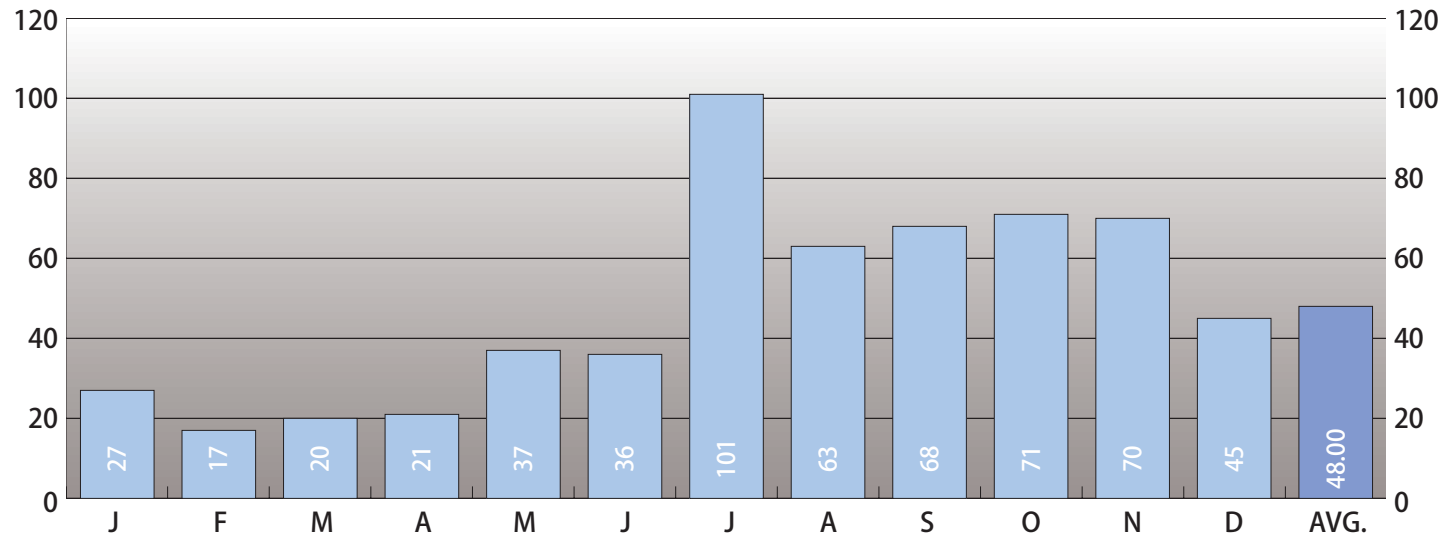
"Touch DNA" refers to the DNA that is left behind from skin cells when a person touches or comes into contact with an item. By using Touch DNA techniques, the Forensic DNA Unit can work on the evidence from breaking and entering cases and examine guns and other weapons for possible DNA.

The Forensic DNA Unit also performs DNA analysis in "Cold Cases" using the latest DNA technologies.



2012 FORENSIC DNA UNIT REPORT

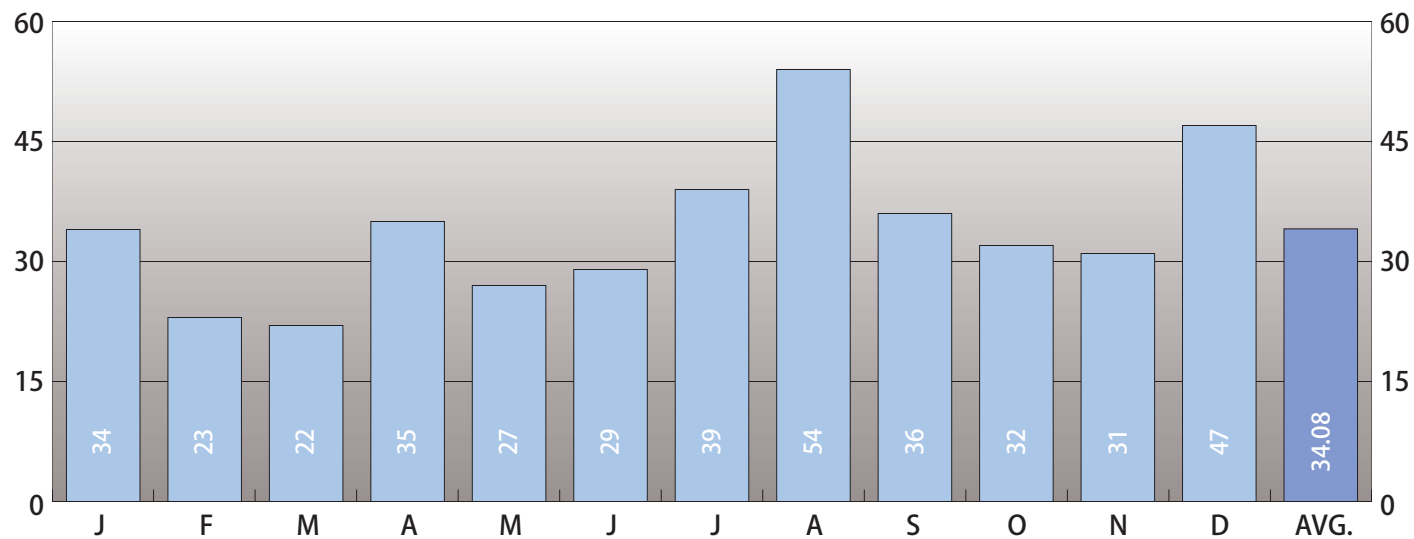
CASES SUBMITTED BY MONTH FOR THE YEAR 2012



2012
TOTAL CASES
576

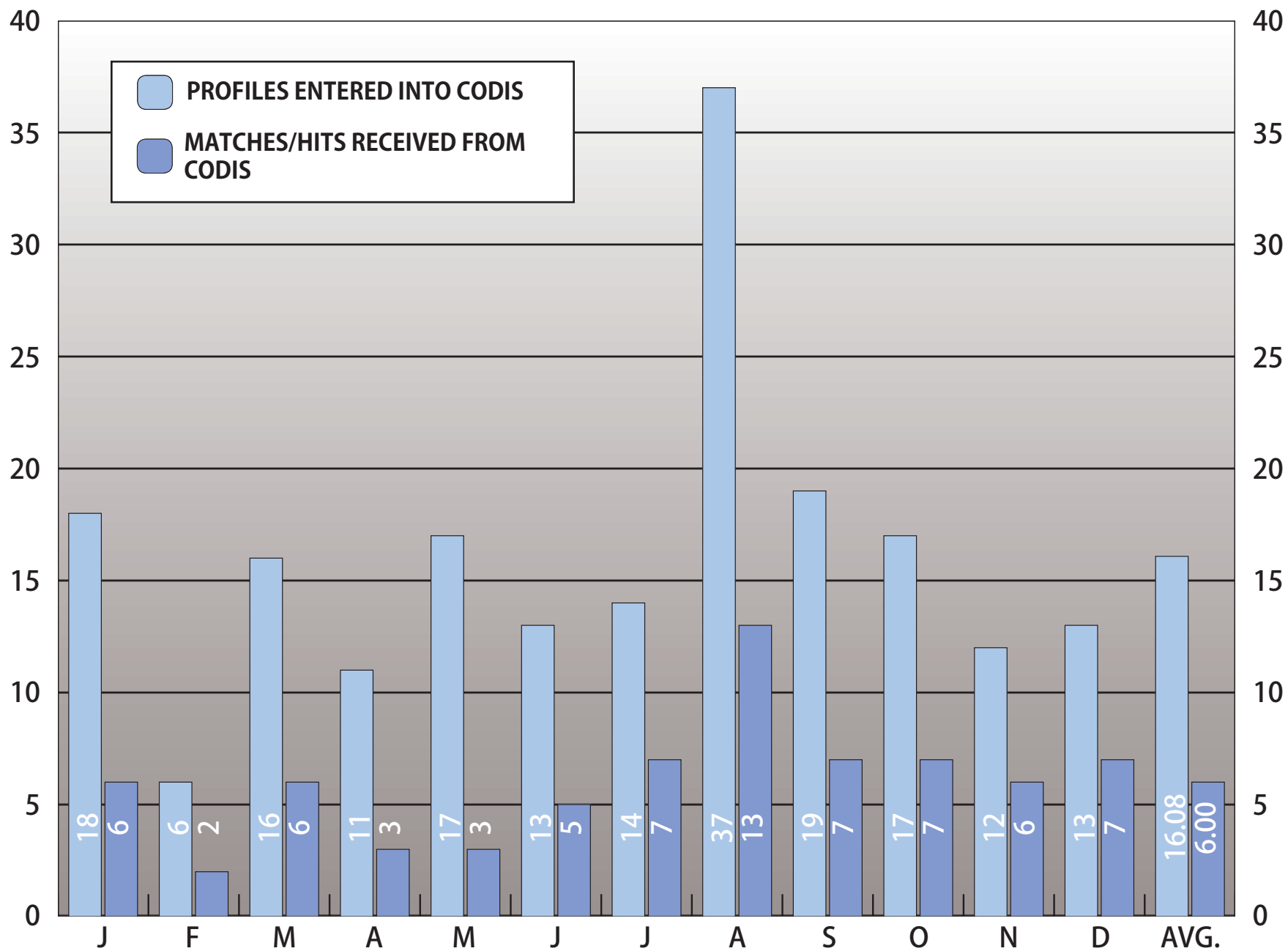
2012 FORENSIC DNA UNIT REPORT

CASES COMPLETED BY MONTH FOR THE YEAR 2012



2012 FORENSIC DNA UNIT REPORT

2012 COMBINED DNA INDEX SYSTEM (CODIS)





2012 PARENTAGE AND IDENTIFICATION DEPARTMENT REPORT



The Parentage & ID unit is accredited by AABB (American Association of Blood Banks). The Unit performs DNA relationship testing to identify decedents or human remains which cannot be visually identified due to decomposition, burning and/or mutilation. Efficient identification of such decedents/remains is required so that they can be released to the relatives, a correct death certificate may be issued, and law enforcement investigations may proceed. Relationship DNA analysis is also used in resolving missing person cases. The unit also provides DNA relationship analysis in criminal paternity cases where it

is believed that a woman has become pregnant as a result of a sexual assault. In such cases DNA paternity analysis can be carried out to establish the identity of the father of the baby, or in other situations such as rape or incest where there are products of conception. The unit also provides DNA relationship testing in child support, divorce, custody issues and immigration cases etc. The Parentage & ID unit offers following types of DNA tests:

- Paternity test
- Maternity test
- Sibship test
- Grandparents test
- Twin Zygosity
- DNA ID profiling
- Immigration DNA test

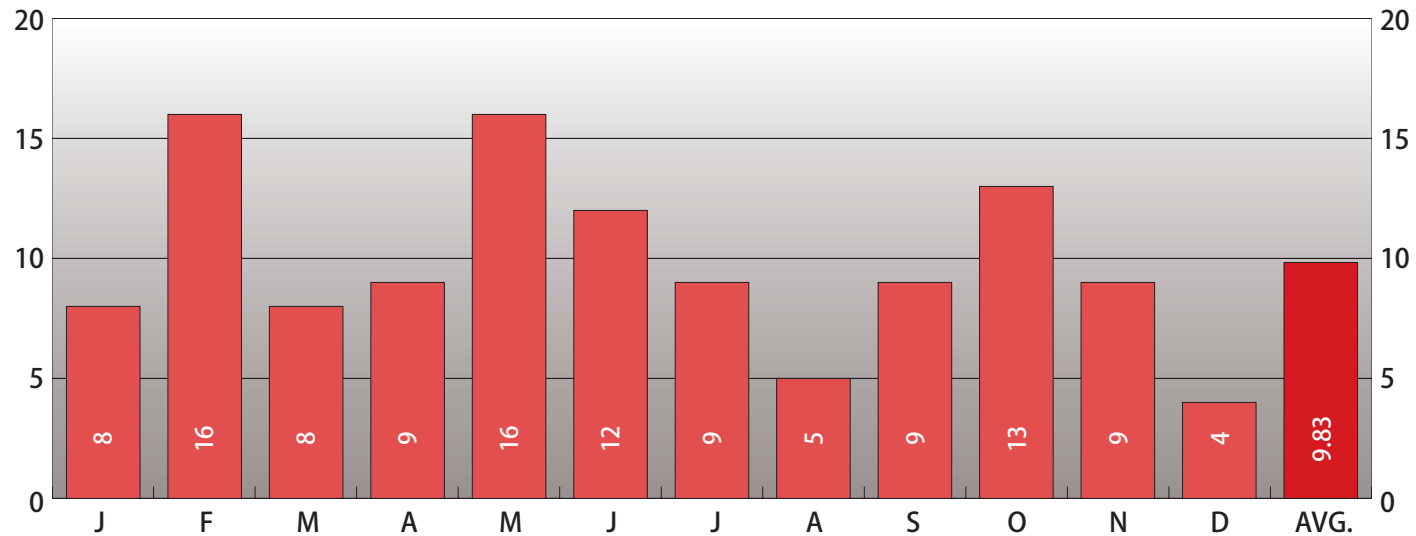
The Parentage & Identification Unit of the Cuyahoga County Regional Forensic Science Laboratory also provides DNA relationship services to general public for the following legal purposes.

The DNA relationship testing is usually performed in following types of cases:

- Identification
- Criminal Paternity Cases
- Child Support
- Child Custody/Visitation Rights
- Immigration
- Adoption
- Insurance/Inheritance Claims
- Welfare and Social Security Cases

2012 PARENTAGE AND IDENTIFICATION DEPARTMENT REPORT

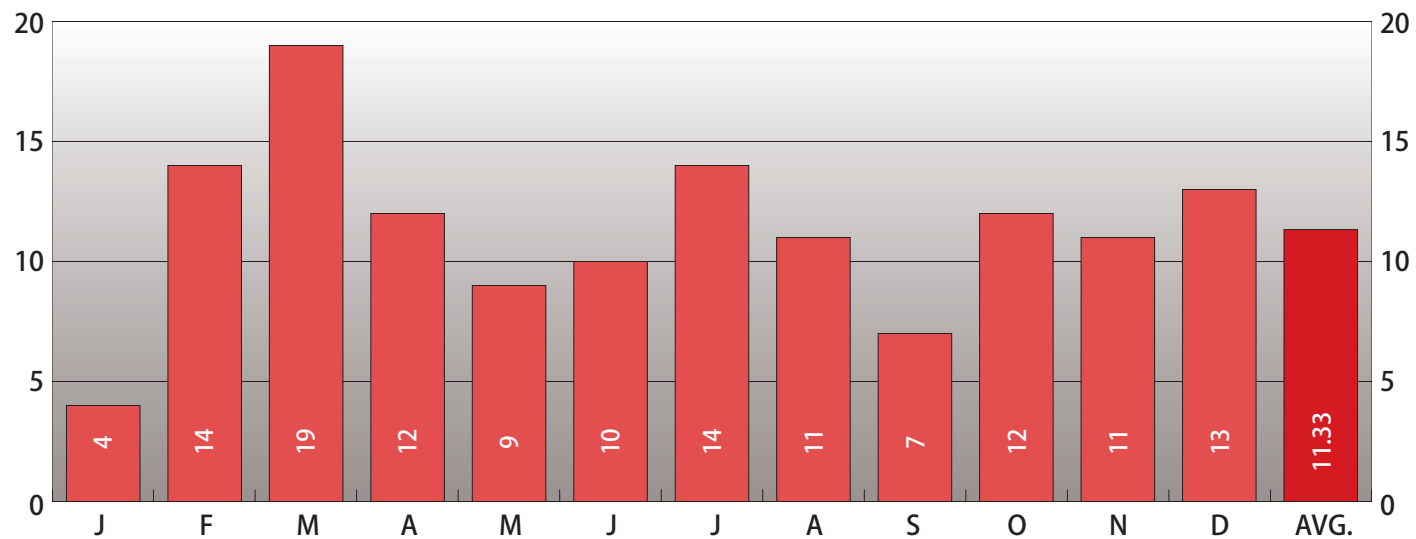
CASES SUBMITTED BY MONTH FOR THE YEAR 2012



2012
TOTAL CASES
118

2012 PARENTAGE AND IDENTIFICATION DEPARTMENT REPORT

CASES COMPLETED BY MONTH FOR THE YEAR 2012



2012 TOXICOLOGY LABORATORY REPORT



Accurately determining the cause and manner of death is essential for the protection of public health and safety. Many disciplines are required to work together as a team to ensure that correct determinations are made. A critical part of the synthesis process in determining cause and manner of death is a forensically reliable Toxicology Unit. Toxicology as a scientific discipline is the study of how chemicals and drugs adversely affect living organisms. The sub-discipline of Forensic Toxicology is concerned with toxicity to humans and the medico-legal consequences, where the results are likely to be used in court. Forensic Toxicologists may be involved with postmortem toxicology, behavioral or human performance toxicology, and/or probation drug testing. The Toxicology Lab at CCMEO performs all of these types of testing with a primary emphasis on postmortem toxicology.

Postmortem toxicology is performed to assist pathologists, coroners or medical examiners determine whether drugs, alcohol or chemicals played a role in causing the death of an individual. The Toxicologist identifies and quantifies the drugs present in postmortem fluids and tissues and provides interpre-

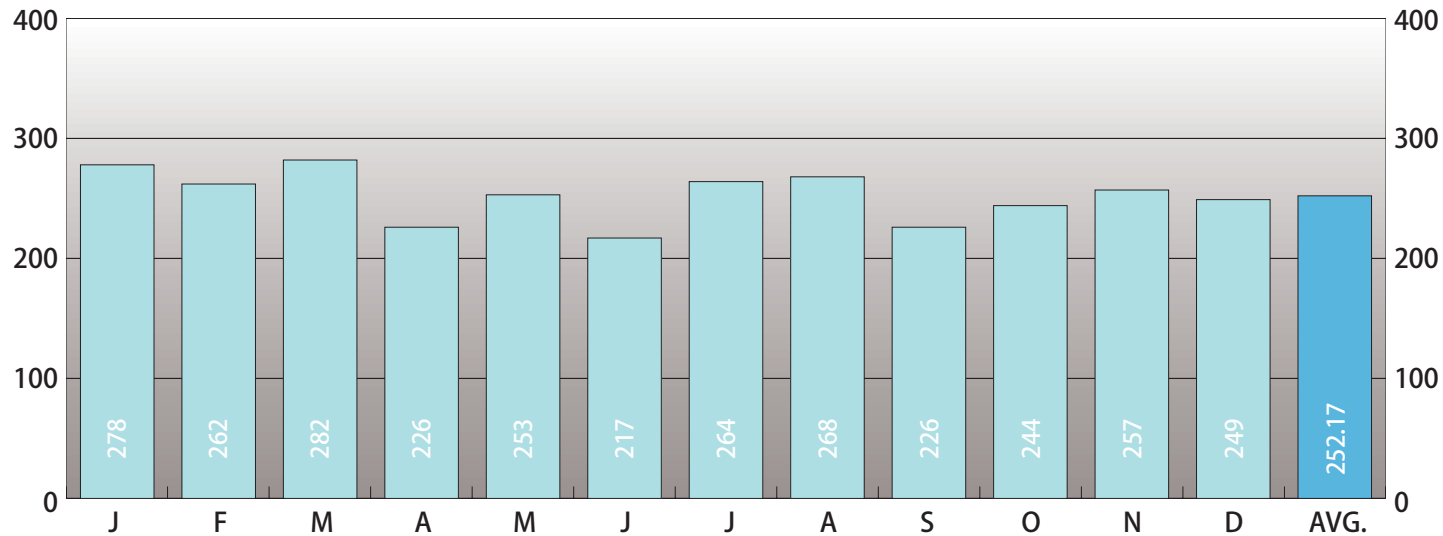
tation of the results as to whether the levels represent a therapeutic, toxic or lethal concentration. During this process the Pathologists and Toxicologists interact to discuss cases. Toxicologists consult on pharmacology, specimen selection, drug metabolism and elimination kinetics, drug-drug interactions, drug stability, tolerance, postmortem artifacts, and provide testimony in court.

Human performance toxicology deals with living subjects who may have been stopped for impaired driving or the victim of a crime, such as drug facilitated sexual assault. Probation testing is similar to work place drug testing and establishes use of controlled substances by individuals who are being monitored by the courts for drug abuse.

In the early part of this decade, the Toxicology Laboratory joined an elite group of laboratories by becoming accredited by national accrediting bodies. In 2004, the Cuyahoga County Coroner's Office Toxicology Laboratory was the 13th laboratory to become accredited by the American Board of Forensic Toxicology (ABFT). In 2006, the laboratory was accredited by the American Society of Crime Labs Directors/Laboratory Accreditation Board (ASCLD LAB). Possessing double accreditation is an accomplishment which demonstrates the continued focus on promoting scientific excellence. Analysts within the Toxicology Department contribute to the toxicology community by presenting papers at national meetings and publishing research articles in the scientific literature.

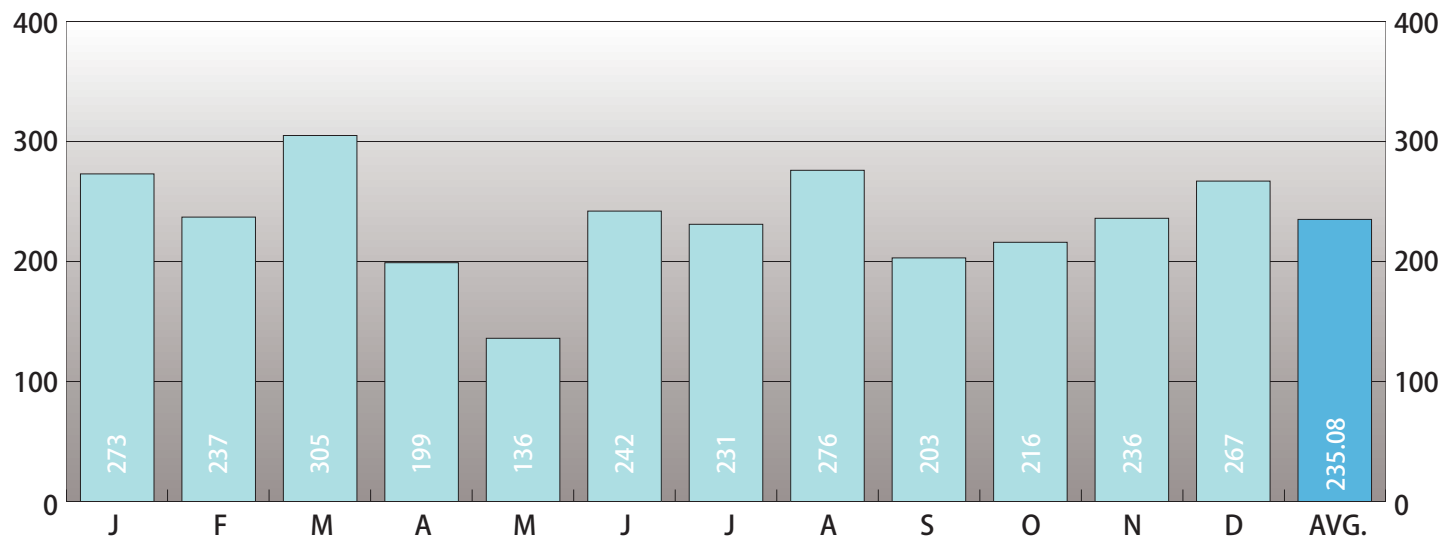
Within the Cuyahoga County Regional Forensic Science Laboratory (CCRFSL), the Toxicology Department is a full service laboratory, providing postmortem toxicology, human performance toxicology, forensic drug testing, and interpretation and consultation for Cuyahoga County and over 100 surrounding law enforcement and forensic agencies. More than 3,000 cases are processed each year involving more than 40,000 specific analytical assays.

2012 TOXICOLOGY LABORATORY REPORT CASES SUBMITTED BY MONTH FOR THE YEAR 2012



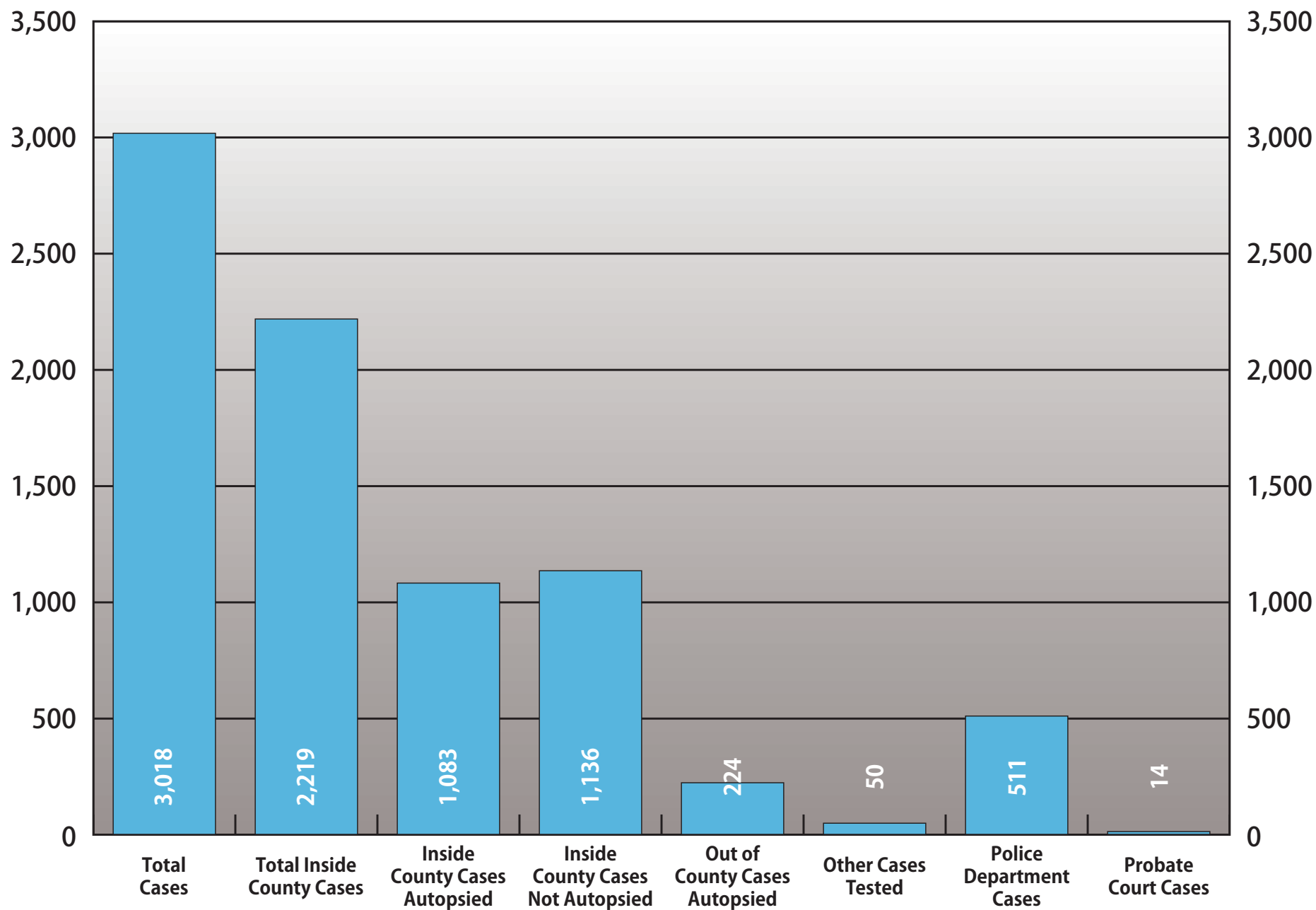
2012
TOTAL CASES
3,026

2012 TOXICOLOGY LABORATORY REPORT CASES COMPLETED BY MONTH FOR THE YEAR 2012



2012 TOXICOLOGY LABORATORY REPORT

2012 CASES SUBMITTED BY TYPE (BASED ON TESTING PERFORMED)



INCIDENCE OF POISONING (%) IN TESTED INDIVIDUALS

TABLE 82

	Cuyahoga County Medical Examiner's Office Cases			
	Number of Decedents		Number of Fatal Poisonings	
Autopsied Cases	1083*	(48.81%)	269	(83.02%)
Non-Autopsied Cases	1136	(51.19%)	55	(16.98%)
Total	2219	(100.00%)	324	(100.00%)

*Includes 10 hospital autopsies.

SAMPLES RECEIVED FROM OUTSIDE REFERRING AGENCIES

TABLE 83

Source	Cases	Number of Samples	% Cases
Cases from Other Coroner's Jurisdictions and Forensic Agencies	64	82	(7.93%)
Decedents Received from Other Coroner's Jurisdictions	224	1760	(27.75%)
Proficiency Surveys	8	38	(0.99%)
Law Enforcement Agency Cases	511	608	(63.33%)
Total	807	2488	(100.00%)

2012 TOXICOLOGY LABORATORY REPORT

INCIDENCE AND FREQUENCY OF POSITIVE FINDINGS*

TABLE 84

Substances	Cuyahoga County Medical Examiner's Laboratory Cases					
	Positive Cases			Fatal Poisonings		
	Number Positive	Total Cases Tested	% Total Cases Tested	Number Positive	Total Poisoning Fatalities Tested	% Total Poisoning Fatalities Tested
1,1-Difluoroethane	1	1318	0.08	1	304	0.33
11-OH-delta-9-THC	16	1334	1.20	2	320	0.63
1-Benzylpiperazine	1	1347	0.07	1	318	0.31
1-Butanol	4	1318	0.30	2	304	0.66
2,5-dimethoxy-4-iodophenethylamine	1	1347	0.07	1	318	0.31
2-fluoroamphetamine	1	1347	0.07	1	318	0.31
2-fluoromethamphetamine	1	1347	0.07	1	318	0.31
4-chloro-2,5-dimethoxyamphetamine	1	1347	0.07	1	318	0.31
6-Acetylmorphine	157	1333	11.78	154	318	48.43
7-Amino-Clonazepam	28	1347	2.08	13	315	4.13
Acetaldehyde	5	1318	0.38	3	304	0.99
Acetaminophen	12	1022	1.17	7	318	2.20
Acetone	55	1318	4.17	5	304	1.64
Alpha-OH Alprazolam	11	1347	0.82	9	315	2.86
Alpha-OH-Midazolam	18	1347	1.34	4	315	1.27
Alprazolam	50	1347	3.71	35	315	11.11
Amantadine	2	1056	0.19	0	318	0.00
Amiodarone	1	17	5.88	0	6	0.00
Amitriptyline	22	1056	2.08	16	318	5.03
Amlodipine	4	17	23.53	0	6	0.00
Amphetamine	10	1347	0.74	4	318	1.26
Anhydroecgonine Methyl Ester	42	1334	3.15	26	318	8.18
Aripiprazole	1	17	5.88	0	6	0.00
Benzoyllecgonine	167	1334	12.52	109	318	34.28
Benztropine	1	1056	0.09	0	318	0.00
beta-Phenethylamine	45	1347	3.34	10	318	3.14
Betaxolol	1	1056	0.09	0	318	0.00
Buprenorphine	1	1056	0.09	1	318	0.31
Bupropion	8	1056	0.76	3	318	0.94
Bupropion Erythro Mtb.	3	1056	0.28	1	318	0.31
Bupropion Morpho Mtb.	7	1056	0.66	3	318	0.94
Bupropion Threo Mtb.	16	1056	1.52	5	318	1.57
Butalbital	4	935	0.43	3	320	0.94
Butane	1	1318	0.08	1	304	0.33
Caffeine	169	935	18.07	47	320	14.69
Calcium	772	1050	73.52	143	247	57.89
Carbamazepine	9	935	0.96	3	320	0.94
Carbon Monoxide	17	44	38.64	15	17	88.24
Carisoprodol	15	935	1.60	9	320	2.81
Cetirizine	5	1056	0.47	2	318	0.63

TABLE 84

INCIDENCE AND FREQUENCY OF POSITIVE FINDINGS* (continued)

Substances	Cuyahoga County Medical Examiner's Laboratory Cases					
	Positive Cases			Fatal Poisonings		
	Number Positive	Total Cases Tested	% Total Cases Tested	Number Positive	Total Poisoning Fatalities Tested	% Total Poisoning Fatalities Tested
Chloride	772	1050	73.52	143	247	57.89
Chlorpheniramine	6	1056	0.57	4	318	1.26
Chlorpromazine	4	1056	0.38	2	318	0.63
Citalopram	55	1056	5.21	22	318	6.92
Clonazepam	10	1347	0.74	3	315	0.95
Clozapine	3	1056	0.28	1	318	0.31
Cocaethylene	62	1334	4.65	37	318	11.64
Cocaine	113	1334	8.47	72	318	22.64
Codeine	178	1333	13.35	158	318	49.69
Cotinine	485	1056	45.93	178	318	55.97
Creatinine	744	1050	70.86	140	247	56.68
Cyanide	1	0	0.00	0	0	0.00
Cyclobenzaprine	18	1056	1.70	8	318	2.52
Delta-9-THC	3	1334	0.22	0	320	0.00
delta-9-THC-COOH	85	1334	6.37	15	320	4.69
Desipramine	2	1056	0.19	1	318	0.31
Desmethyl Clozapine	1	1056	0.09	0	318	0.00
Desmethyl Sertraline	19	1056	1.80	5	318	1.57
Desmethyl Venlafaxine	13	1056	1.23	5	318	1.57
Desoxypipradrol	1	1347	0.07	1	318	0.31
Dextromethorphan	17	1056	1.61	8	318	2.52
Dextrorphan	1	1056	0.09	1	318	0.31
Diazepam	73	1336	5.46	39	315	12.38
Dicyclomine	5	1056	0.47	2	318	0.63
Dihydrocodeine	39	1333	2.93	20	318	6.29
Diltiazem	13	1056	1.23	6	318	1.89
Diphenhydramine	61	1056	5.78	34	318	10.69
Doxepin	4	1056	0.38	3	318	0.94
Doxylamine	9	1056	0.85	5	318	1.57
Duloxetine	1	17	5.88	0	6	0.00
Ecgonine Methyl Ester	122	1347	9.06	80	318	25.16
Ephedrine/Pseudoephedrine	1	1347	0.07	0	318	0.00
Estazolam	1	1347	0.07	1	315	0.32
Ethanol	369	1318	28.00	103	304	33.88
Ethyl Acetate	1	1318	0.08	0	304	0.00
Fentanyl	25	1342	1.86	11	315	3.49
Fluconazole	9	935	0.96	1	320	0.31
Fluoxetine	18	1056	1.70	8	318	2.52
Gabapentin	24	935	2.57	6	320	1.88
Glucose	772	1050	73.52	143	247	57.89

2012 TOXICOLOGY LABORATORY REPORT

INCIDENCE AND FREQUENCY OF POSITIVE FINDINGS* (continued)

TABLE 84

Substances	Cuyahoga County Medical Examiner's Laboratory Cases					
	Positive Cases			Fatal Poisonings		
	Number Positive	Total Cases Tested	% Total Cases Tested	Number Positive	Total Poisoning Fatalities Tested	% Total Poisoning Fatalities Tested
Guaifenesin	5	935	0.53	2	320	0.63
Hydrochloroquine	1	1056	0.09	1	318	0.31
Hydrocodone	64	1333	4.80	32	318	10.06
Hydromorphone	21	1333	1.58	9	318	2.83
Hydroxychloroquine	1	17	5.88	0	6	0.00
Hydroxyzine	6	1056	0.57	3	318	0.94
Hydroxyzine Mtb.	2	1056	0.19	1	318	0.31
Ibuprofen	14	935	1.50	5	320	1.56
Imipramine	2	1056	0.19	1	318	0.31
Insulin	1	1	100.00	0	0	0.00
Isobutane	1	1318	0.08	1	304	0.33
Isopropanol	6	1318	0.46	0	304	0.00
Ketamine	2	1056	0.19	0	318	0.00
Lactate	612	1050	58.29	118	247	47.77
Lamotrigine	13	1056	1.23	4	318	1.26
Laudanosine	1	1056	0.09	1	318	0.31
Levamisole	58	1056	5.49	39	318	12.26
Levetiracetam	13	935	1.39	2	320	0.63
Levorphanol	2	1056	0.19	2	318	0.63
Levorphanol/Dextrophan	1	1056	0.09	1	318	0.31
Lidocaine	55	1056	5.21	15	318	4.72
Lidocaine Mtb. (MEGX)	5	1056	0.47	5	318	1.57
Lithium	1	1	100.00	1	1	100.00
Lorazepam	29	1347	2.15	5	315	1.59
Loxapine	1	1056	0.09	0	318	0.00
Magnesium	772	1050	73.52	143	247	57.89
m-Chlorophenylpiperazine	5	1056	0.47	3	318	0.94
Memantine	2	1056	0.19	0	318	0.00
Meperidine	3	1056	0.28	0	318	0.00
Meprobamate	18	935	1.93	12	320	3.75
Methadone	28	1056	2.65	15	318	4.72
Methadone Mtb. (EDDP)	14	1056	1.33	10	318	3.14
Methadone Mtb. (EMDP)	8	1056	0.76	6	318	1.89
Methamphetamine	5	1347	0.37	2	318	0.63
Methane	1	1318	0.08	0	304	0.00
Methocarbamol	2	935	0.21	1	320	0.31
Methylenedioxymethamphetamine	1	1347	0.07	0	318	0.00
Metoprolol	11	1056	1.04	2	318	0.63
Metronidazole	3	1056	0.28	1	318	0.31
Mexiletine	1	1056	0.09	0	318	0.00

TABLE 84

INCIDENCE AND FREQUENCY OF POSITIVE FINDINGS* (continued)

Substances	Cuyahoga County Medical Examiner's Laboratory Cases					
	Positive Cases			Fatal Poisonings		
	Number Positive	Total Cases Tested	% Total Cases Tested	Number Positive	Total Poisoning Fatalities Tested	% Total Poisoning Fatalities Tested
Midazolam	20	1347	1.48	3	315	0.95
Mirtazapine	15	1056	1.42	5	318	1.57
Morphine	232	1333	17.40	178	318	55.97
Naloxone	1	1333	0.08	0	318	0.00
Naproxen	14	935	1.50	4	320	1.25
Nicotine	290	1056	27.46	122	318	38.36
Norbuprenorphine	1	17	5.88	0	6	0.00
Norcitalopram	15	1056	1.42	6	318	1.89
Norcocaine	19	1334	1.42	14	318	4.40
Norcyclobenzaprine	1	1056	0.09	1	318	0.31
Nordiazepam	83	1347	6.16	41	315	13.02
Nordoxepin	4	1056	0.38	3	318	0.94
Norfluoxetine	2	1056	0.19	0	318	0.00
Norketamine	1	1056	0.09	0	318	0.00
Normeperidine	3	1056	0.28	0	318	0.00
Norpropoxyphene	2	1056	0.19	0	318	0.00
Nortramadol	19	1056	1.80	13	318	4.09
Nortriptyline	15	1056	1.42	11	318	3.46
Norverapamil	4	1056	0.38	2	318	0.63
Olanzapine	7	1056	0.66	2	318	0.63
Orphenadrine	2	1056	0.19	0	318	0.00
Oxaprozin	1	935	0.11	1	320	0.31
Oxazepam	26	1347	1.93	8	315	2.54
Oxcarbazepine	1	935	0.11	1	320	0.31
Oxcarbazepine-OH Mtb.	2	935	0.21	1	320	0.31
Oxycodone	91	1333	6.83	46	318	14.47
Oxymorphone	19	1333	1.43	13	318	4.09
Papaverine	2	1056	0.19	0	318	0.00
Paroxetine	5	1056	0.47	3	318	0.94
Phencyclidine	10	1056	0.95	1	318	0.31
Phenmetrazine	1	1347	0.07	0	318	0.00
Phenobarbital	6	935	0.64	4	320	1.25
Phenytoin	18	935	1.93	2	320	0.63
Potassium	767	1050	73.05	142	247	57.49
Pramoxine	1	1056	0.09	0	318	0.00
Primidone	1	935	0.11	0	320	0.00
Promethazine	6	1056	0.57	2	318	0.63
Propane	1	1318	0.08	0	304	0.00
Quetiapine	7	1056	0.66	3	318	0.94
Quetiapine Metabolite	24	1056	2.27	11	318	3.46

Substances	Cuyahoga County Medical Examiner's Laboratory Cases					
	Positive Cases			Fatal Poisonings		
	Number Positive	Total Cases Tested	% Total Cases Tested	Number Positive	Total Poisoning Fatalities Tested	% Total Poisoning Fatalities Tested
Ranitidine Bkdn.	1	1056	0.09	1	318	0.31
Salicylate	1	1035	0.10	1	272	0.37
Selenium	1	2	50.00	0	0	0.00
Sertraline	22	1056	2.08	6	318	1.89
Sodium	771	1050	73.43	142	247	57.49
Temazepam	20	1347	1.48	8	315	2.54
Theobromine	89	935	9.52	32	320	10.00
Theophylline	9	935	0.96	5	320	1.56
Thioridazine	1	1056	0.09	0	318	0.00
Ticlopidine	1	1056	0.09	1	318	0.31
Topiramate	13	935	1.39	6	320	1.88
Topiramate Breakdown Product	1	935	0.11	1	320	0.31
TOTAL delta-9-THC-COOH	107	1334	8.02	26	320	8.13
Tramadol	39	1056	3.69	21	318	6.60
Trazodone	20	1056	1.89	7	318	2.20
Trifluoromethylphenylpiperazine	2	1347	0.15	1	318	0.31
Trimethoprim	7	1056	0.66	3	318	0.94
Urea Nitrogen	438	1050	41.71	80	247	32.39
Valproic Acid	4	17	23.53	0	6	0.00
Venlafaxine	14	1056	1.33	6	318	1.89
Verapamil	6	1056	0.57	2	318	0.63
Zolpidem	6	1056	0.57	4	318	1.26
Zopiclone	1	17	5.88	0	6	0.00

*To compare data from year to year one must use the Toxicology Laboratory Report legends, since the analytical approach (i.e. the components of the groups) changes slightly from year to year.

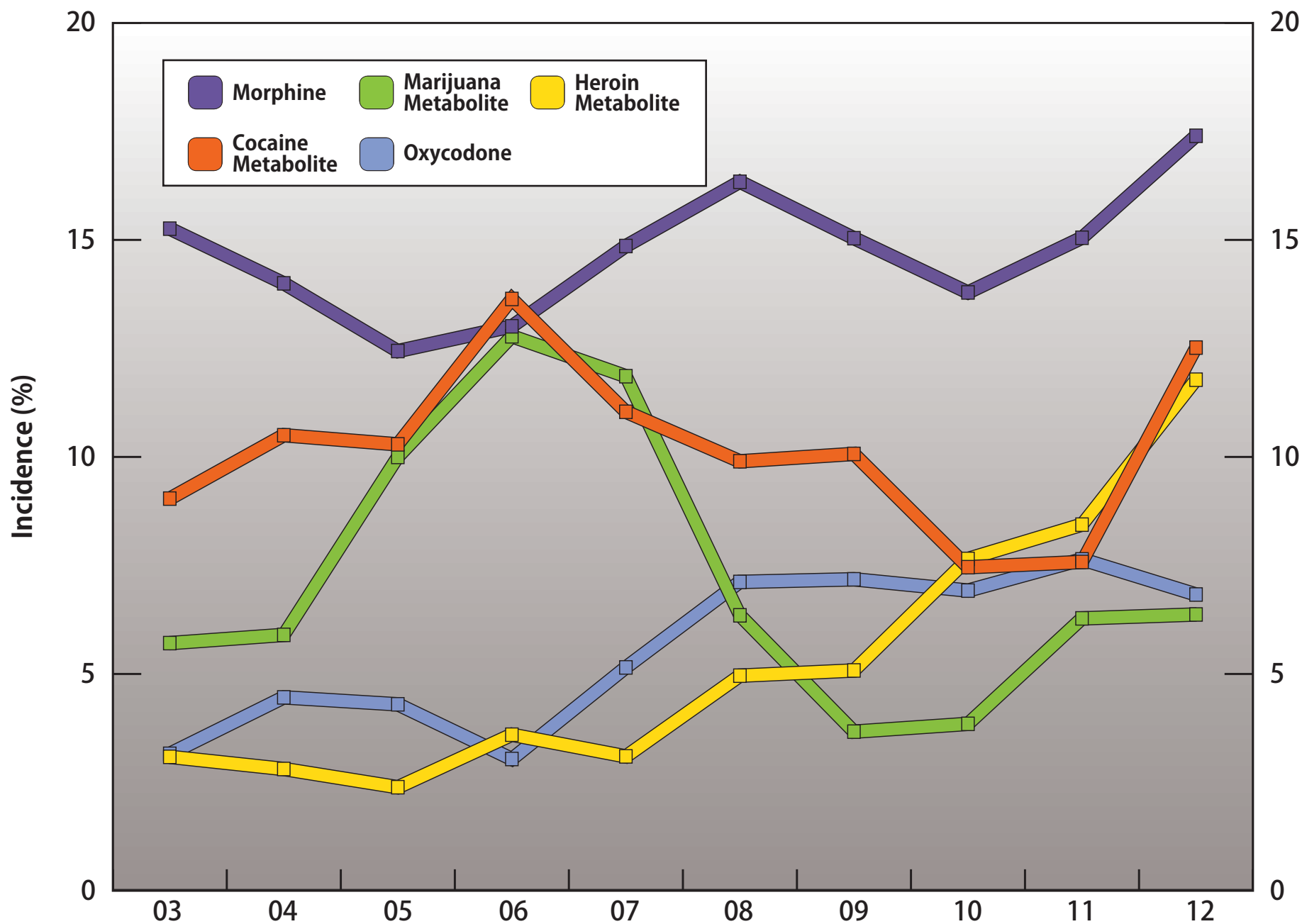
TABLE 85

2011 - 2012 INCIDENCE OF ANALYTES IN POSITIVE CASES*

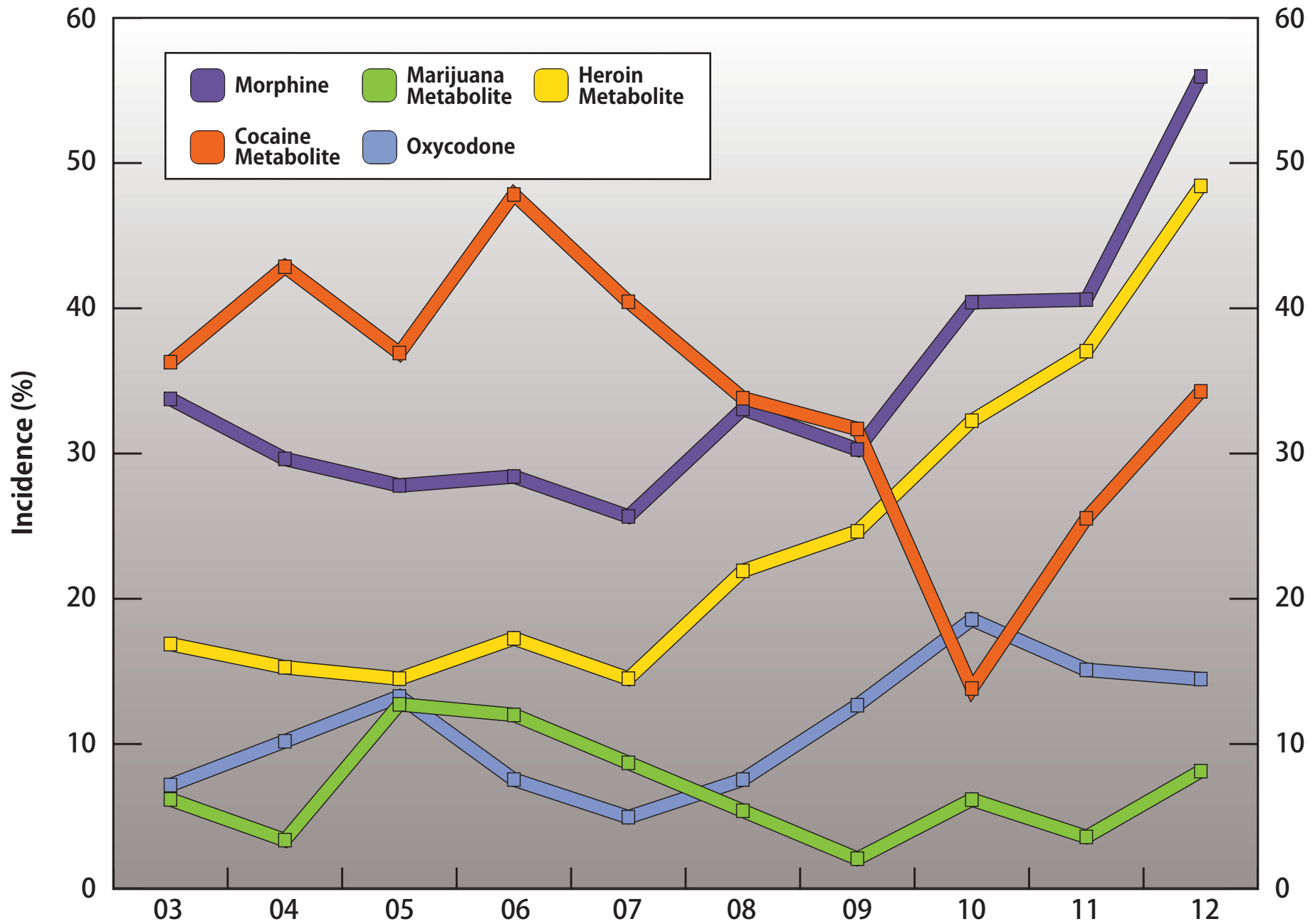
Medical Examiner's Laboratory Cases				Medical Examiner's Laboratory Cases			
2011				2012			
All Cases (%)		Fatal Poisonings (%)		All Cases (%)		Fatal Poisonings (%)	
Carbon Monoxide	32.65	Carbon Monoxide	94.12	Carbon Monoxide	38.64	Carbon Monoxide	88.24
Ethanol	27.92	Morphine	46.40	Ethanol	28.00	Morphine	55.97
Lorazepam	25.84	Codeine	39.21	Morphine	17.40	Codeine	49.69
Morphine	15.05	6-Acetylmorphine	37.05	Codeine	13.35	6-Acetylmorphine	48.43
Codeine	8.89	Ethanol	31.44	Benzoyllecgonine	12.52	Benzoyllecgonine	34.28
Nordiazepam	8.58	Benzoyllecgonine	25.54	6-Acetylmorphine	11.78	Ethanol	33.88
6-Acetylmorphine	8.27	Nordiazepam	23.02	Oxycodone	6.83	Cocaine	22.64
Benzoyllecgonine	8.19	Diazepam	20.86	delta-9-THC-COOH	6.37	Oxycodone	14.47
Oxycodone	7.64	Cocaine	19.42	Nordiazepam	6.16	Nordiazepam	13.02
Diazepam	7.36	Acetone	18.94	Diphenhydramine	5.78	Diazepam	12.38
Diphenhydramine	6.40	Hydrocodone	14.03	Levamisole	5.49	Levamisole	12.26
Cannabinoids	6.28	Temazepam	12.23	Diazepam	5.46	Cocaethylene	11.64
Cocaine	6.01	Diphenhydramine	11.51	Citalopram	5.21	Alprazolam	11.11
Hydrocodone	5.54	Alprazolam	11.51	Lidocaine	5.21	Diphenhydramine	10.69
Lidocaine	5.07	Levamisole	10.43	Hydrocodone	4.80	Hydrocodone	10.06
Temazepam	4.84	Acetaminophen	9.50	Cocaethylene	4.65	Anhydroecgonine Methyl Ester	8.18
beta-Phenethylamine	4.21	Dihydrocodeine	8.99	Acetone	4.17	delta-9-THC-COOH	8.13
Citalopram	4.06	Oxymorphone	8.99	Alprazolam	3.71	Citalopram	6.92
Acetone	3.98	Oxazepam	8.63	Tramadol	3.69	Tramadol	6.60
Alprazolam	3.92	Methadone	8.63	beta-Phenethylamine	3.34	Dihydrocodeine	6.29
Tramadol	3.90	Lidocaine	8.27	Anhydroecgonine Methyl Ester	3.15	Amitriptyline	5.03

*A "Positive Case" is one wherein a chemical substance was detected from Table 84. Percentages are based on the total number of cases tested in each category.

INCIDENCE OF POSITIVE FINDINGS FROM ALL CUYAHOGA COUNTY MEDICAL EXAMINER'S CASES



INCIDENCE OF POSITIVE FINDINGS FROM POISONING FATALITIES



2012 TOXICOLOGY LABORATORY REPORT
SUBSTANCES INVOLVED IN FATAL POISONINGS

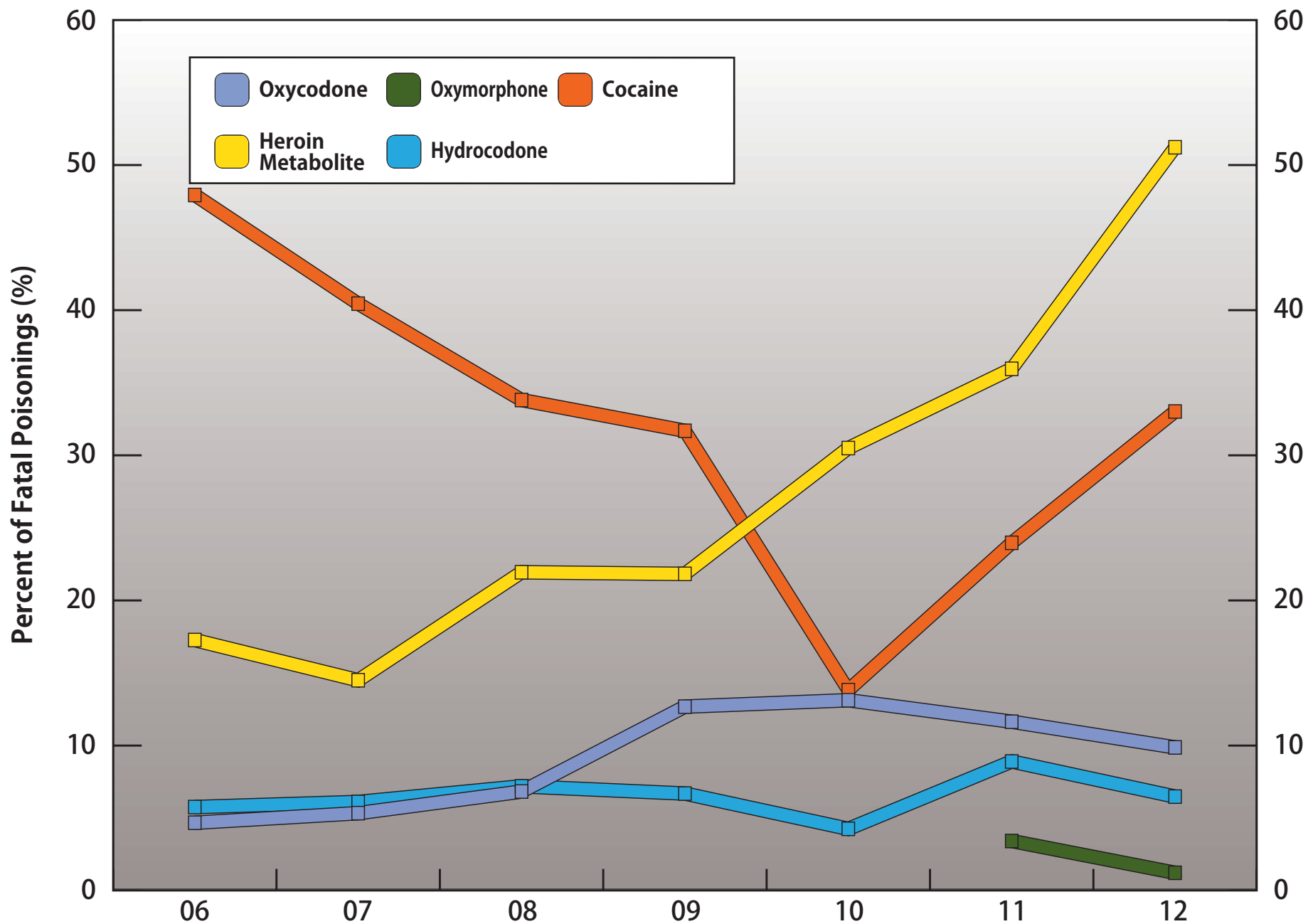


TABLE 86

TESTING FREQUENCY BY DRUG GROUPS

Drug Group	Medical Examiner's Specimens Tested	Out of County Autopsy Cases	Police Cases	Other Cases	Probate/Special C.C.M.E.O. Cases	Totals
Volatiles	2173	338	511	44	15	3081
Acid Neutral	1086	189	268	42	22	1607
Carbon Monoxide	46	24	0	0	0	70
CO Confirmations	20	7	0	0	0	27
Glycols	0	5	1	0	15	21
Glycol Confirmations	0	0	0	0	0	0
Cyanide Screen	4	0	1	0	0	5
Cyanide Confirmations	0	0	0	0	0	0
EMIT: Amine Class	11	2	153	0	9	175
EMIT: Benzodiazepines	11	2	155	0	8	176
EMIT: Cannabinoids	11	2	158	0	8	179
EMIT: Cocaine Mtb.	13	2	154	0	8	177
EMIT: Opiates	10	2	154	0	17	183
EMIT: Phencyclidine	10	2	153	0	8	173
Opiates Immunoassay	1442	218	305	42	16	2023
ELISA: Amphetamines	1444	218	305	42	16	2025
ELISA: Barbiturates	1445	218	305	42	16	2026
ELISA: Benzodiazepines	1444	218	305	42	16	2025
ELISA: Cannabinoids	1444	218	305	42	16	2025
ELISA: Carisoprodol	1444	218	305	42	16	2025
ELISA: Cocaine	1448	218	305	42	16	2029
ELISA: Fentanyl	1444	218	305	42	16	2025
ELISA: Methamphetamine	1444	218	305	42	16	2025
ELISA: Oxycodone	1444	218	305	42	16	2025
ELISA: Phencyclidine	1444	218	305	42	16	2025
ELISA: Tricyclic AnitDepressants	1444	218	305	42	16	2025
ELISA: Methadone	1444	218	305	42	16	2025
Urine Bases	1173	198	208	43	16	1638
Acetaminophen Screen	1074	196	0	41	23	1334
Salicylate Screen	1072	196	0	41	23	1332
Salicylate Confirmations	1	0	0	0	0	1
Heavy Metal Screen	1	0	0	0	0	1
Xanthines	23	7	4	3	1	38
Clinical Chemistry	798	111	1	3	0	913
Glucose/Ketone bodies	585	121	0	6	0	712
Opiate Hydrolysis GC/MS	2	0	0	0	1	1
Cocaine/Mtb. GC/MS	232	18	47	3	2	302
Cannabinoids GC/MS	384	57	170	4	2	617
Opiates GC/MS	584	74	93	10	20	781
Acid Neutral GC/MS	196	35	40	16	8	295
Basic Drugs GC/MS	592	122	135	6	12	867
Benzodiazepines GC/MS	395	62	138	4	8	607
Amphetamines GC/MS	130	20	19	11	4	184
Volatiles GC/MS	39	2	1	2	0	44
Other GC/MS	1	0	4	0	0	5
GHB Screen	0	0	16	1	0	17
GHB GC/MS	0	0	36	1	1	38
Fentanyl GC/MS	36	3	1	2	0	42
Sent to Reference Lab	71	12	26	2	1	112
Total Tests Performed	29559	4643	6612	831	440	42,083

2012 TOXICOLOGY LABORATORY REPORT

AGENTS INCLUDED IN DRUG GROUPS

- 1) **VOLATILES:** Acetaldehyde, Acetone, Acetonitrile*, Butane, Chloroform*, Dichloromethane*, Ethanol, Ethyl Acetate*, Formaldehyde, Isopropanol, Methane, Methanol, Paraldehyde*, Propane, Toluene*. **ETHANOL, ACETONE, ISOPROPANOL, and METHANOL CONFIRMATION(s) by alternative GC column and/or alternative specimens. METHANOL is differentiated from FORMALDEHYDE by Colorimetry (Qualitative).**
- 2) **Sedatives, Hypnotics, Anti-Epileptic and Other Acidic/Neutral Drugs:** Amobarbital, Butalbital, Caffeine, Carbamazepine, Carisoprodol, Glutethimide, Ibuprofen, Levetiracetam, Mephenytoin, Meprobamate, Metaxalone, Naproxen, Pentobarbital, Pentoxifylline, Phenobarbital, Phenytoin, Primidone, Secobarbital, Theophylline, Topiramate; **ACID NEUTRAL CONFIRMATION by GC/MS.**
- 3) **CARBON MONOXIDE*(Carboxyhemoglobin) by CO-Oximetry:** Carbon Monoxide, Methemoglobin, Hemoglobin; **CARBON MONOXIDE CONFIRMATION by Spectrophotometry and/or Microdiffusion.**
- 4) **GLYCOLS*:** Ethylene Glycol, Propylene Glycol **Screened and Quantified by GC and Confirmed by GC/MS.**
- 5) **CYANIDE*:** **Screened and Quantified by Colorimetry.**
- 6) **EMIT® SCREEN: SYMPATHOMIMETIC AMINES (SMAs)** (target = d-Amphetamine); **BENZODIAZEPINES** (Target= Oxazepam); **COCAINE** (Target= Benzoylcegonine (a cocaine metabolite)); **CANNABINOIDS** (Target= 11-nor- Δ^9 -THC-COOH (a marijuana metabolite)); **OPIATES** (Target= Morphine); **PHENCYCLIDINE** (Target= Phencyclidine).
- 7) **ELISA (Enzyme-Linked ImmunoSorbent Assay) SCREEN: SMAs** (Target = d-Amphetamine); **Barbiturates** (Target = Pentobarbital); **Benzodiazepines** (Target = Alprazolam); **Cannabinoids** (Target = 11-nor- Δ^9 -THC-COOH (a marijuana metabolite)); **Carisoprodol** (Target = Carisoprodol); **Cocaine Metabolite** (Target = Benzoylcegonine); **Fentanyl** (Target = Fentanyl); **Methamphetamine** (Target = d-Methamphetamine); **Oxycodone** (Target = Oxycodone); **Phencyclidine** (Target = Phencyclidine); **Tricyclic Antidepressants** (Target = Nortriptyline); **Methadone** (Target = Methadone); **Opiates** (Target = Morphine).
- 8) **BASIC DRUGS by GC/MS (Quantitation and Confirmation):** Amantadine, Amitriptyline, Amoxapine, Amphetamine, Atropine, Benzotropine, Brompheniramine, Bupivacaine, Bupropion, Bupropion Metabolites, Buspirone, Caffeine, Carbinoxamine, Chlorophenylpiperazine, Chlorpheniramine, Chlorpromazine, Citalopram, Clomipramine, Clozapine, Cocaethylene, Cocaine, Codeine, Cocaine and metabolites, Cotinine, Cyclizine, Cyclobenzaprine, Desalkylflurazepam, Desipramine, Desmethyl Chlordiazepoxide, Desmethyl Clomipramine, Desmethyl Clozapine, Desmethylsertraline, Desmethylvenlafaxine, Dextromethorphan, Diazepam, Diethylpropion, Diphenhydramine, Disopyramide, Diltiazem, Doxepin, Doxylamine, Ecgonine methyl ester, Ephedrine/Pseudoephedrine, Fenfluramine, Fentanyl, Fluoxetine, Fluvoxamine, Guaifenesin, Haloperidol, Hydrocodone, Hydroxyzine, Imipramine, Ketamine, Laudanosine, Lidocaine, Lidocaine mb (MEGX), Loxapine, Maprotiline, Meclizine, Meperidine, Mephentermine, Mesoridazine, Methadone, Methadone primary mb (EDDP), Methadone secondary mb (EMDP), Methamphetamine, Methylene-dioxyamphetamine (MDA), Methylenedioxyamphetamine (MDMA), Methylenedioxypropylvalerone (MDPV), Methylphenidate, Metoprolol, Mexiletine, Midazolam, Mirtazapine, Nefazodone, Nicotine, Nordiazepam, Nordoxepin, Norfluoxetine, Normeperidine, Norpropoxyphene, Nortriptyline, Norverapamil, Olanzapine, Orphenadrine, Oxycodone, Papaverine, Paroxetine, Pentazocine, Pentoxifylline, Perphenazine, Phencyclidine, beta-Phenethylamine, Pheniramine, Phendimetrazine, Phenmetrazine, Phentermine, Phenylpropanolamine, Phenyltoloxamine, Procaine, Promethazine, Propoxyphene, Propanolol, Protriptyline, Pseudoephedrine, Pyrilamine, Quetiapine, Quinidine, Quinine, Sertraline, Thioridazine, Tramadol, Tranylcypromine, Trazodone, Trihexylphenidyl, Trimipramine, Venlafaxine, Verapamil, Zolpidem.
- 9) **ACETAMINOPHEN SCREEN:** Acetaminophen by Colorimetry (Qualitative).
- 10) **SALICYLATE SCREEN:** Salicylate (Aspirin) **by Colorimetry (Qualitative), SALICYLATE CONFIRMATION by Gas Chromatography.**
- 11) **XANTHINES by GC/MS:** Acetaminophen, Caffeine.
- 12) **CLINICAL CHEMISTRIES (CHEM7):** Ketones, pH, Specific Gravity, and Electrolytes (Sodium, Potassium, Chloride, TCO₂, Glucose, Urea, Creatinine).
- 13) **COCAINE CONFIRMATION by GC/MS:** Anhydroecgonine methyl ester, Benzoylcegonine, Cocaine, Cocaethylene, Ecgonine ethyl ester*, Ecgonine methyl ester.
- 14) **CANNABINOIDS by GC/MS:** Cannabinoids (ng/mL; mcg/L): D⁹-THC, 11-OH-D⁹-THC (a marijuana metabolite), 11-nor- D⁹-THC-COOH (a marijuana metabolite), TOTAL 11-nor- D⁹-THC-COOH (a marijuana metabolite).
- 15) **OPIATES by GC/MS** (ng/mL): Morphine, 6-Acetylmorphine (heroin metabolite), Codeine, Hydrocodone, Dihydrocodeine, Hydromorphone, Norcodeine*, Oxycodone; Oxymorphone. **TOTAL OPIATES by GC/MS-Hydrolysis followed by OPIATES by GC/MS.**
- 16) **BENZODIAZEPINE CONFIRMATION by GC/MS:** Alprazolam/ metabolite, Diazepam/ metabolites, Clonazepam, Lorazepam, Midazolam/metabolite, Triazolam.
- 17) **SYMPATHOMIMETIC AMINES CONFIRMATION by GC/MS analysis** (ng/mL): Amantadine, Amphetamine, beta-Phenethylamine, MDEA, Methamphetamine, Methylenedioxyamphetamine (MDA), Methylenedioxyamphetamine (MDMA), Phentermine, Phenylpropanolamine, Pseudoephedrine.
- 18) **GHB by GC/MS** (mg/L): Gamma-hydroxybutyric acid (gamma hydroxybutyrate).
- 19) **FENTANYL by GC/MS** (ng/mL): Fentanyl, Sufentanil, Alfentanil.
- 20) **SENT OUT TO REFERENCE LABS:** Synthetic Cannabinoids and Synthetic Cathinones, Epinephrine, 7-amino Flunitrazepam, Flunitrazepam, IgE, Insulin, LSD, Nefedipine, C-Peptide, Psilocin, Risperidone, Tryptase, Warfarin, Valproic Acid, **HEAVY METAL SCREEN:** (Antimony, Arsenic, Lead, Barium, Cadmium, Bismuth, Mercury, Selenium) or any other drugs not listed above.

***BY REQUEST ONLY; ABBREVIATIONS:** POS=Positive; NEG=Negative; UNS=Specimen unsuitable for testing; NTDN=Not Done; QNS=Quantity insufficient for analysis; CHEM7=Clinical Chemistry; < =less than; > =greater than; LRL= Lower reporting limit; C.L. = Confidence Level. **UNITS FOR VOLATILES:** 100 mg/dL \equiv 0.100 g/dL \equiv 0.100 g/%. **UNITS:** 1 mg/L = 1000 μ g/L = 1000 ng/mL.

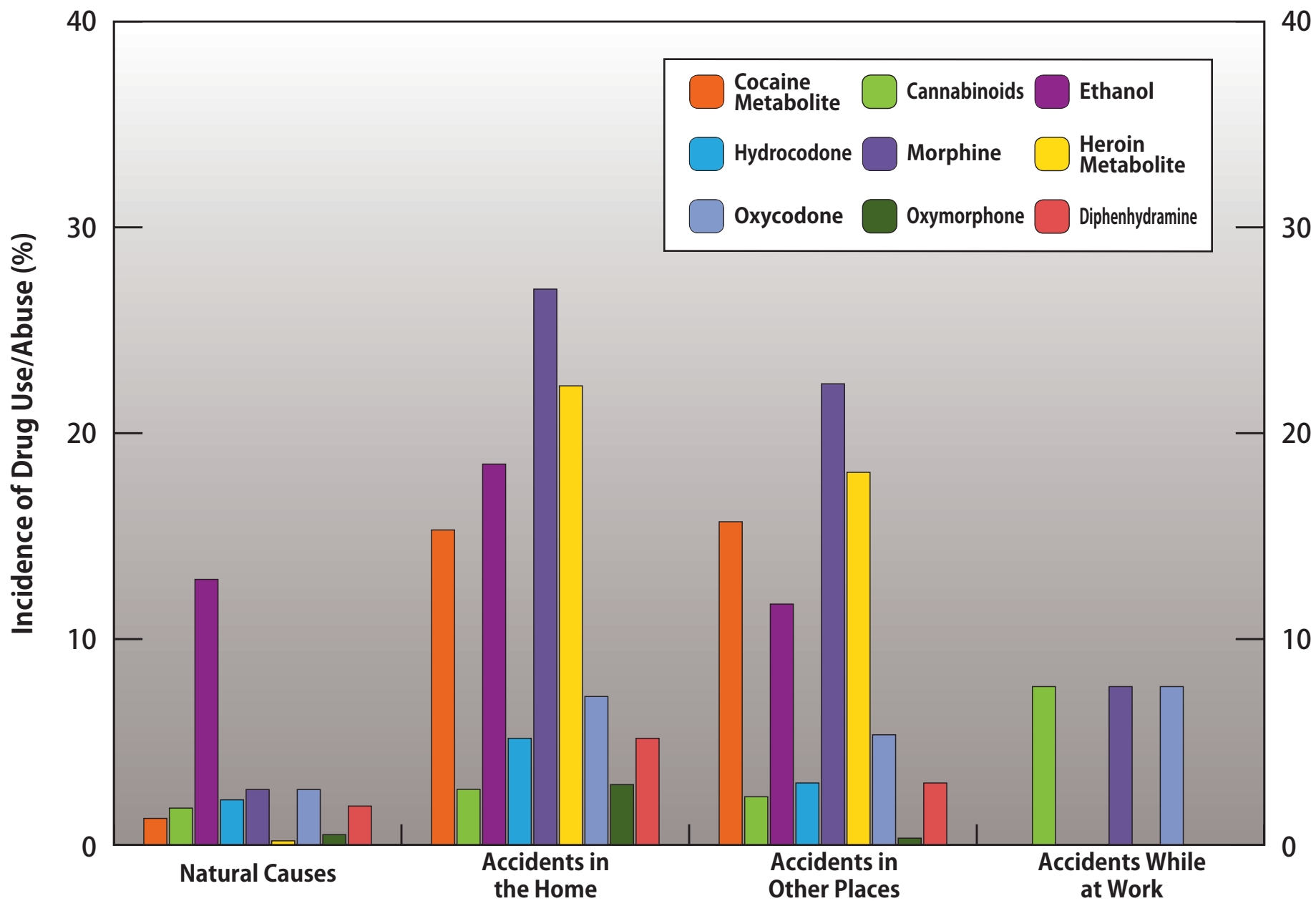
TABLE 87

PROFICIENCY STUDIES

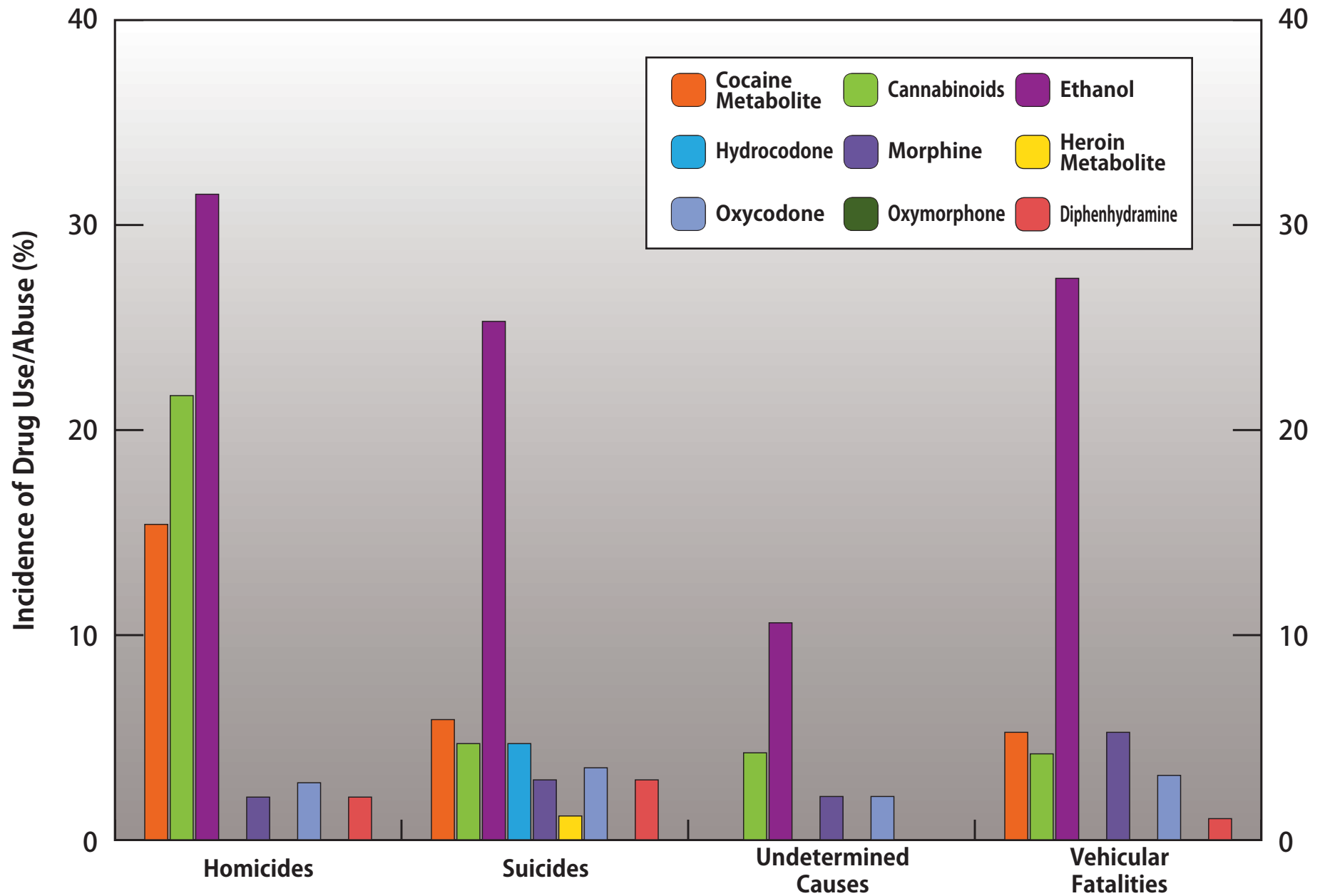
Agency	Survey Type	Number of Surveys	Number of Samples		
			Blood	Urine	Others
College of American Pathologists	Toxicology	2	9	6	0
College of American Pathologists	Blood Volatiles	3	15	0	0
College of American Pathologists	Forensic Toxicology	3	6	2	0
Total		8	30	8	0

In 2012 the Cuyahoga County Medical Examiner's Office Toxicology Laboratory participated in 8 proficiency surveys.

2012 DRUG USE/ABUSE BY MANNER OF DEATH



2012 TOXICOLOGY LABORATORY REPORT
2012 DRUG USE/ABUSE BY MANNER OF DEATH



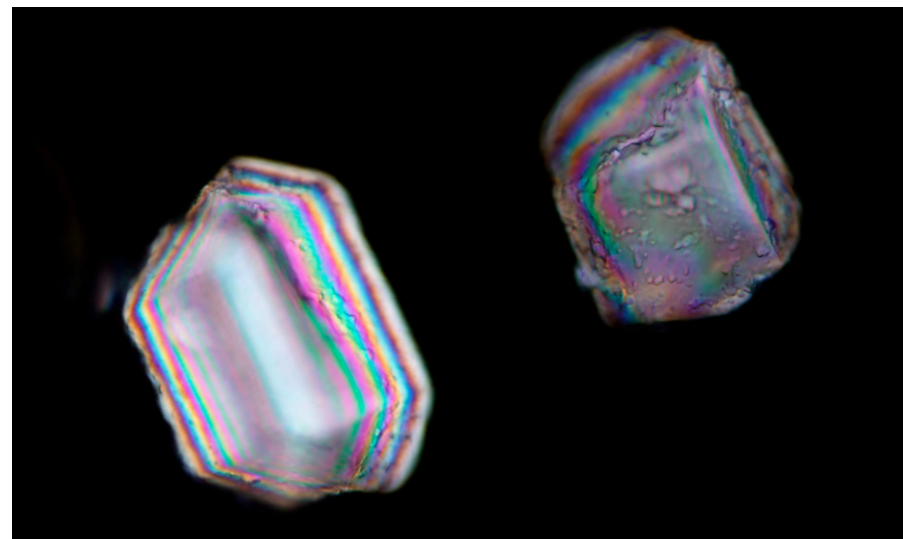
2012 TRACE EVIDENCE UNIT REPORT

The Trace Evidence Unit was formed from within the Cuyahoga County Coroner's Office in the early 1950's as a response to the burgeoning field of Forensic Science. It was realized early that reliable and accurate scientific analysis of evidentiary materials would not only compliment the determination of cause and manner of death but would serve the judicial needs of the Court System and by extension, the citizens of Cuyahoga County.

Initially tasked with the chemical and immunological detection of biological fluids, the Trace Evidence Unit soon branched into the microscopic examination of trace evidence materials such as hairs, fibers, paint, and soil.

The 1970's through the 1990's brought about an explosion of compact and affordable scientific instrumentation. The Trace Evidence Unit, realizing the usefulness of augmenting chemical, immunological, and microscopic forensic examination with scientific instrumentation embarked on a process of acquiring instrumentation that would allow for the identification, individualization, and/or discrimination of trace evidence materials.

The Trace Evidence Unit currently employs three Forensic Scientists. The responsibilities of the Trace Evidence Unit include the examination and sample collection from the hands and bodies of victims of violent death as well as the examination of clothing items received with the victims. A clothing examination may include the determination of bullet / sharp instrument damage, the determination of range of fire, and the collection of trace evidence materials such as fibers, paint, or other debris. The Trace Evidence Unit is also responsible for the examination and comparison of materials such as hairs, fibers, paint, imprints/impressions, pressure sensitive tape, gunshot residue, polymers, and unknown materials.



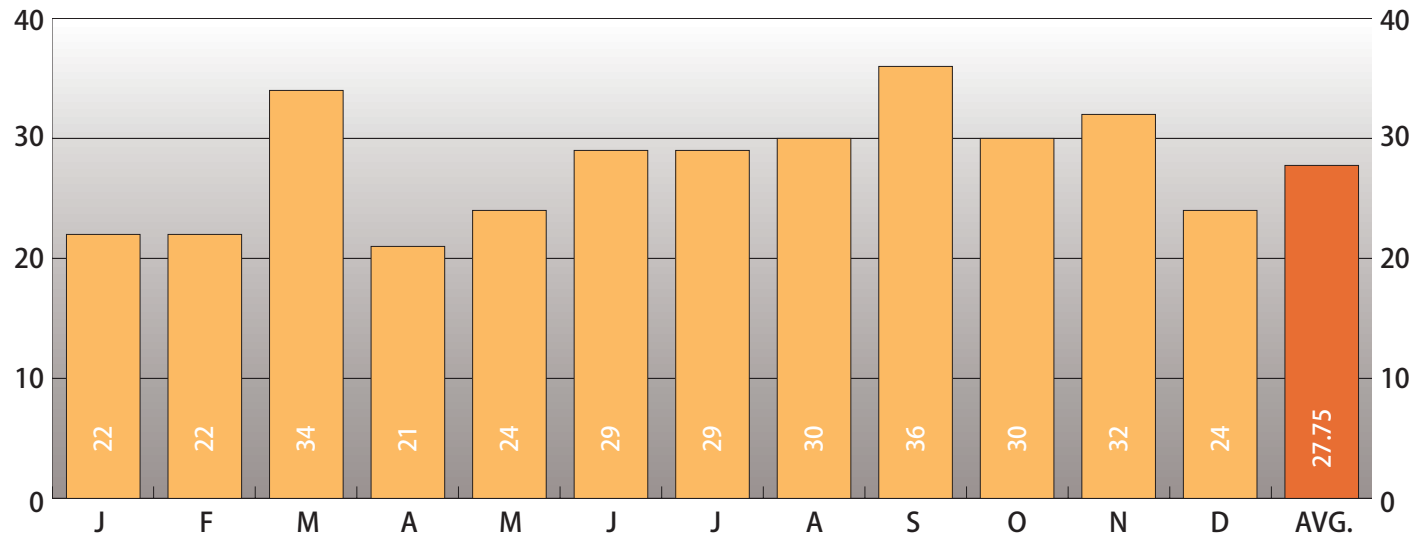
The Trace Evidence Unit is equipped with research grade stereo, compound, comparison, and polarized light microscopic equipment as well as cutting edge scientific instrumentation such as a Fourier Transform Infrared Spectrometer, a Raman Spectrometer, a UV/VIS/NIR Microspectrophotometer, a Scanning Electron Microscope, and an Energy Dispersive X-ray Spectrometer.

Outside of the laboratory, the Trace Evidence Unit may assist Law Enforcement Agencies with the collection and processing of complex crime scenes. The Trace Evidence Unit also engages in training for Law Enforcement Agencies. Training on crime scene documentation and processing as well as the value of Trace Evidence are some of the topics provided.

The Trace Evidence Unit, as part of the Cuyahoga County Regional Forensic Science Laboratory, was accredited by the American Society of Crime Lab Directors, Laboratory Accreditation Board in 2006. A Second accreditation was granted according to ASCLD/LAB ISO guidelines in 2011.

2012 TRACE EVIDENCE UNIT REPORT

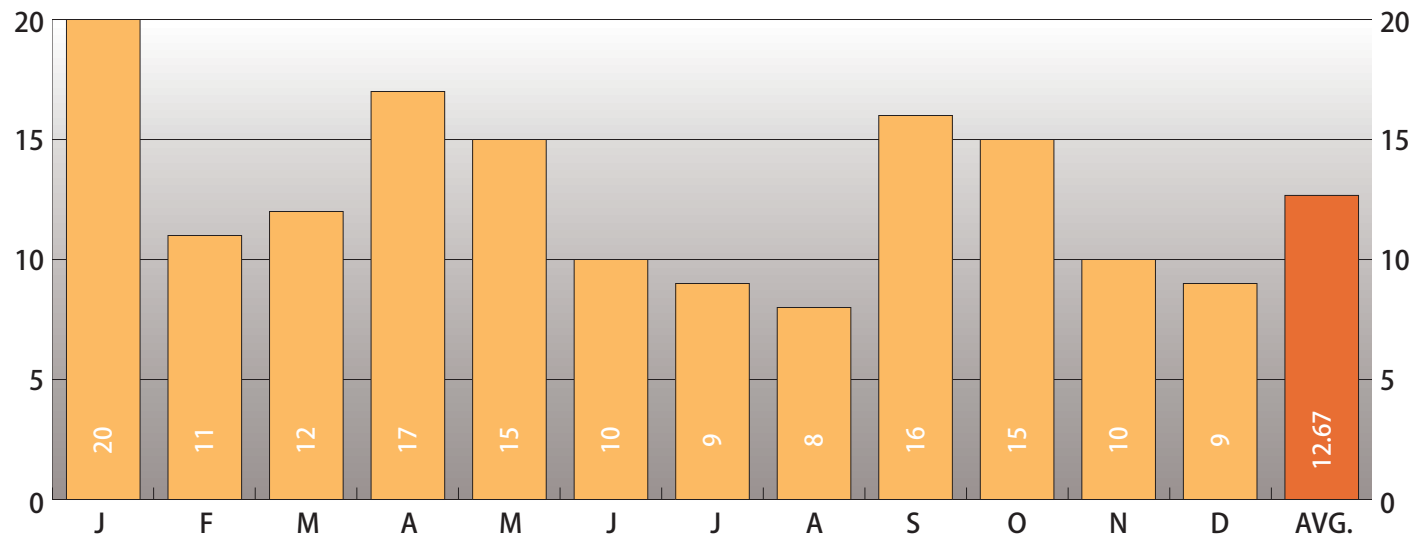
CASES SUBMITTED BY MONTH FOR THE YEAR 2012



2012
TOTAL CASES
333

2012 TRACE EVIDENCE UNIT REPORT

CASES COMPLETED BY MONTH FOR THE YEAR 2012



Lifebanc is the federally mandated Organ Procurement Organization (OPO) assigned to the 20 counties of Northeast Ohio including Cuyahoga County. The mission of Lifebanc is to save lives through organ and tissue donation and transplantation. Though an overall complex process with many different organizations involved, Lifebanc serves as the starting point of the process to identify donors, determine which organs or tissues may be suitable for donation, put together the recovery teams, and finally find the appropriate recipients for those organs. Since over 80% of suitable donors fall under the jurisdiction of a Medical Examiner or Coroner, it has been imperative that Lifebanc work diligently with their respective Medical Examiner/Coroner offices.

Lifebanc and the Cuyahoga County Medical Examiner's Office (CCMEO) have worked collaboratively for many years to create a "one of a kind" program not seen anywhere in the entire United States. Lifebanc has a full-time staff member housed at CCMEO to serve as a conduit of communication and information which helps to facilitate a seamless process from the time a death is declared through recovery of organs or tissues; all the while ensuring that the Medical Examiner has complete and thorough information so that they can, without compromise, release organs or tissues and still determine cause and manner of death. Lifebanc has a dedicated tissue recovery suite at CCMEO which is maintained at the same high level that a hospital operating room is. Lifebanc has contracted with CCMEO for other clinical areas and appreciates the cooperation and effort put forth by the Medical Examiner and the staff at CCMEO. Through another "first of its kind" referral program here in Cleveland, CCMEO is amongst the top 10 providers of tissue for transplantation, something that no other Coroner or Medical Examiner's office has ever accomplished.

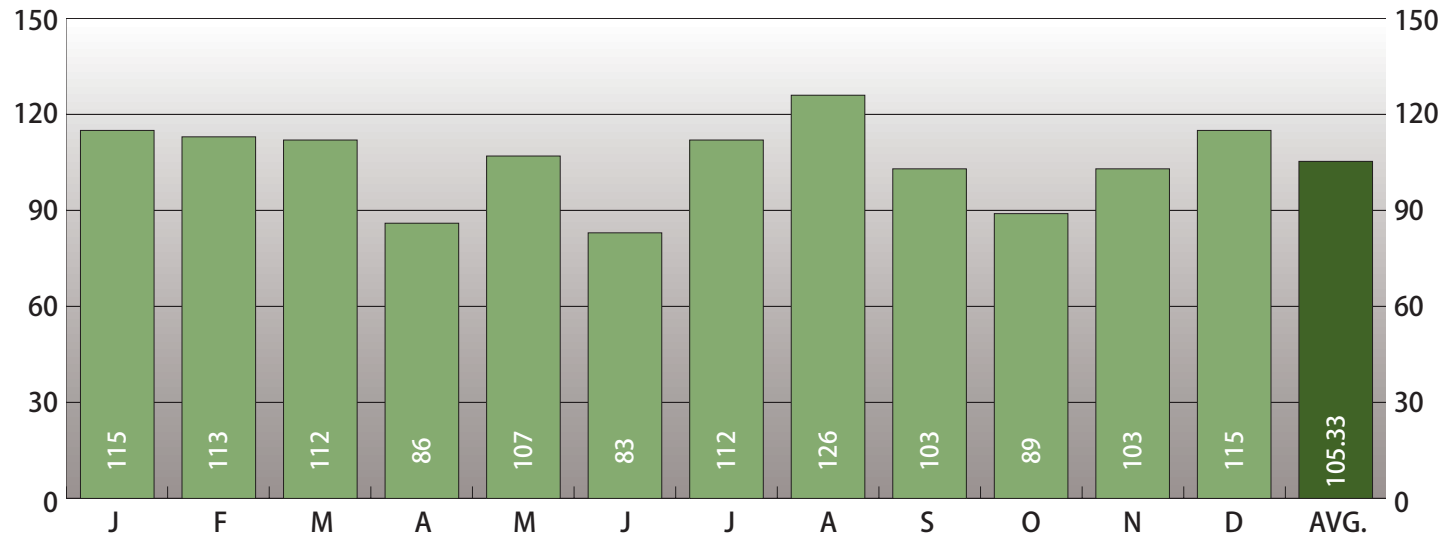
With over 100,000 names on the national organ waiting list, Lifebanc is pleased to work hand in hand with the County Medical Examiner's Office to save many precious lives. For additional information on organ and tissue donation, log on to the Lifebanc website at www.Lifebanc.org.

Lifebanc



2012 LIFEBC ORGAN DONATION REPORT

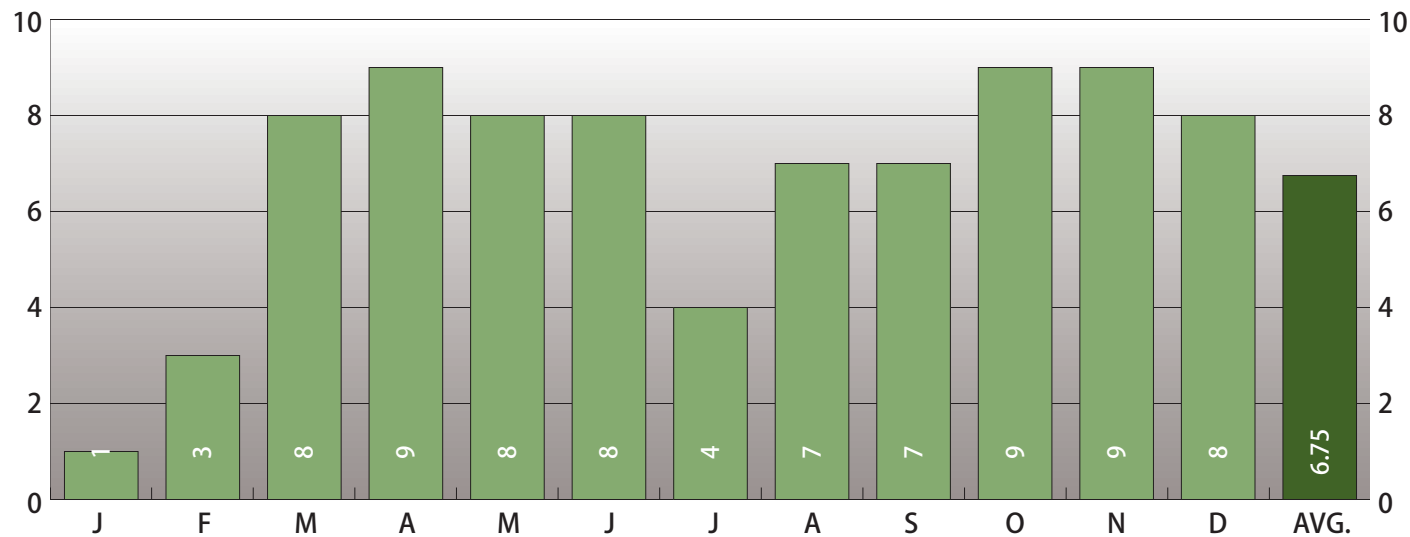
MEDICAL EXAMINER'S CASES REFERRED TO LIFEBC BY MONTH FOR THE YEAR 2012



2012
REFERRALS
1264

2012 LIFEBC ORGAN DONATION REPORT

TISSUE AND EYE BANK DONORS BY MONTH FOR THE YEAR 2012



2012 LECTURES GIVEN BY MEMBERS OF THE STAFF

Thomas P. Gilson, M.D., Medical Examiner

- Monthly:** "Estimation of Time Since Death" (recurring), Cuyahoga County Medical Examiner's Office Law Enforcement Introduction to Death Scene Investigation Course
- January:** "Introduction to the Medical Examiner's Office", Cuyahoga County Black Funeral Home Directors Meeting
- March:** "Updates - Sexual Assault Initiative and Heroin Overdoses in Cuyahoga County", Cuyahoga County Police Chiefs' Association
- May:** "Investigation of Workplace Fatalities", Ohio State Coroners' Association Annual Meeting
"Writing Coherent Reports", Ohio State Coroners' Association Annual Meeting
- June:** "Overview of Medical Examiner Operations" Cuyahoga County Medical Examiner's Office Media Open House (also presented 6/18)
- August:** "Investigation of Deaths Occurring in the Workplace", 39th Annual New England Seminar in Forensic Sciences, Colby College
"Sports-Related Deaths", 39th Annual New England Seminar in Forensic Sciences, Colby College
- September:** "Public Health and the Medical Examiner's Office", Cleveland State University
"Trends in Heroin Mortality in Cuyahoga County", Cuyahoga County Opiate Task Force Regional Conference
- October:** "Forensic Evidence", Case University Law School Course
"The Cuyahoga County Medical Examiner's Office", Cleveland Rotary Club
"Workplace Fatalities", Grand Rounds, Cleveland Clinic Department of Pathology
"Introduction to the Medical Examiner's Office" (and reference to the county heroin epidemic), Northern Ohio Academy of Pharmacy Meeting
- November:** "Sports-Related Deaths", Ohio State Coroners Association, Northeast Regional Meeting

Erica J. Armstrong, M.D., Deputy Medical Examiner

- February:** (Journal Club) "Evaluation of Certifier Practices Regarding Alcohol-Related Deaths" American Journal of Forensic Medicine and Pathology 2006 27(4) 355-358, Forensic Pathologists' Conference, Cuyahoga County Medical Examiner's Office

2012 LECTURES GIVEN BY MEMBERS OF THE STAFF (continued)

Erica J. Armstrong, M.D., Deputy Medical Examiner (continued)

November: "Inhalant Abuse with Forensic Pathological Applications", Forensic Pathologists' Conference, Cuyahoga County Medical Examiner's Office

Joseph A. Felo, D.O., Deputy Medical Examiner

January: "Male Genitourinary Disease", Ohio College of Podiatric Medicine

"Gastrointestinal Disease, Part I" Ohio College of Podiatric Medicine

"Gastrointestinal Disease, Part II" Ohio College of Podiatric Medicine

February: Demonstration Autopsy, Cuyahoga County Medical Examiner's Office

March: "Forensic Toxicology", Euclid Hospital Medical Examiner's Lecture Series

"Forensic Pathology Photographic Review", MetroHealth Medical Center Pathology Department

Demonstration Autopsy, Cuyahoga County Medical Examiner's Office

"Time of Death & Postmortem Changes", C.C.M.E.O. Medicolegal Death Investigation Program

April: Demonstration Autopsy, Cuyahoga County Medical Examiner's Office

"Forensic Radiology", Ohio Society of Radiologic Technologists

May: Demonstration Autopsies (2), Cuyahoga County Medical Examiner's Office

September: Demonstration Autopsies (2), Cuyahoga County Medical Examiner's Office

November: "Forensic Radiology", Ohio State Northeast Regional Coroner's Association

"Forensic Wounds and Injuries", C.C.M.E.O. Medicolegal Death Investigation Program

Demonstration Autopsy, Cuyahoga County Medical Examiner's Office

December: "Forensic Case Studies", Euclid Hospital Medical Examiner's Lecture Series

2012 LECTURES GIVEN BY MEMBERS OF THE STAFF (continued)

Krista L. Pekarski, M.D., Deputy Medical Examiner

- May:** "The Imperial Avenue Strangler: Issues in the Recovery and Identification of Multiple Decedents", Pathology and Laboratory Medicine Institute, Cleveland Clinic Foundation, Cleveland OH
- June:** "The Imperial Avenue Strangler: Issues in the Recovery and Identification of Multiple Decedents", Euclid Hospital Medical Examiners Series, Cleveland OH
- September:** "Anthony Sowell Serial Murders" Ohio Identification Officers Association, Cincinnati OH
- October:** "The 'House of Horror' on Imperial Avenue", National Association of Medical Examiners, Baltimore MD
- December:** Case Presentations, Euclid Hospital Medical Examiner's Lecture Series, Cleveland OH

John F. Wyman, Ph.D., Chief Toxicologist

- February:** "Pharmacokinetics and the Postmortem Distribution of Drugs In Tissues" presented at the AAFS Workshop entitled: Pharmacology and Pharmacokinetics for Forensic Toxicologists, 64th Annual Meeting of the American Academy of Forensic Sciences, Atlanta, Georgia
- "A Comprehensive Determination of HFAA Derivatized "Bath Salts" (MDPV) and Amphetamines in Postmortem Blood by Supported Liquid Extraction with Gas Chromatography-Mass Spectrometry Detection". Krista M. Gubanich, MS, Eric S. Lavins, John Wyman, PhD, Thomas Gilson, MD. Presented at the 64th Annual Meeting of the American Academy of Forensic Sciences, Atlanta, Georgia
- June:** "Retrograde Extrapolation of Ethanol and Correlations Between Drug Blood Levels and Impairment" presented at the SOFT Workshop on Issues in Drunk Driving and Driving Under the Effects of Drugs, SOFT Meeting, Boston, Massachusetts

Claire Naso-Kaspar, Forensic Chemist

- March:** "Alarming Incidence of Heroin Deaths in Cuyahoga County" (with Rindi Norris), Cuyahoga County Police Chiefs Meeting, Cleveland, OH
- April:** "Alarming Incidence of Heroin Deaths in Cuyahoga County" (with Rindi Norris), 2nd TOFTA Meeting, Columbus, OH
- May:** "Blood Alcohol Testing in OVI Cases" (with Robert Walton Esq.), Northeast Ohio Municipal Prosecutor's Association Meeting, Cleveland, OH
- June:** "An Explanation of Lingering 'Opiate' Deaths? Relative Concentration of Opiates in Medulla and Femoral Blood Following Lethal Intoxications". Claire K. Kaspar*, John Wyman, Kimberly Snell, Eric Lavins and Thomas Gilson. P49, Presented at the SOFT Meeting, Boston, Massachusetts

2012 LECTURES GIVEN BY MEMBERS OF THE STAFF (continued)

Claire Naso-Kaspar, Forensic Chemist (continued)

June: "An Outbreak of Heroin Related Deaths in a Major Midwest Metropolitan City- The Cleveland Experience Over a 6-Year Period, (2006-2011)". Claire K. Kaspar, Eric S. Lavins, Rindi N. Norris, John F. Wyman, William D. Alexy, Thomas P. Gilson. P 53, Presented at the SOFT Meeting, Boston, Massachusetts

Scott D. Flynn, Fingerprint Technician

September: "Fingerprinting the Dead", Ohio Identification Officers Association, Cincinnati, OH

Michael Vitovich, Pathologist's Assistant

Monthly: "Death Investigation Program" (recurring), Introduction to Death Scene Investigation, Cuyahoga County Medical Examiner's Office

January: "From the Beginning to the End" (2), Cuyahoga County Grand Jury
"Autopsy Overview and Procedure", Cuyahoga Valley Christian Academy
"From the Beginning to the End", ITT Technical Institute
"Autopsy Overview and Procedure", High School Shadow Program
"Death Scene Investigation", High School Shadow Program

February: "Autopsy Overview and Procedure", Explorer post Scouts
"Autopsy Overview and Procedure", Cleveland Public Schools, Martin Luther King High School

March: "From the Beginning to the End" (2), Baldwin Wallace College
"From the Beginning to the End", Fortis College
"Autopsy Overview and Procedure", Avon Lake High School
"Autopsy Overview and Procedure", Cleveland Heights High School
"From the Beginning to the End" (2), Cuyahoga Valley Career School of Nursing

2012 LECTURES GIVEN BY MEMBERS OF THE STAFF (continued)

Michael Vitovich, Pathologist's Assistant (continued)

- March:**
- "Autopsy Overview and Procedure", Excel Tech Public Safety Academy
 - "Autopsy Overview and Procedure", Cuyahoga Valley Career School of Nursing
 - "From the Beginning to the End", Cleveland Clinic Foundation Pathologist Assistant Training Program
 - "Basic Pathology and Wound Recognition", Cleveland Clinic Foundation Pathologist Assistant Training Program
 - "Autopsy Overview and Procedure", High School Shadow Program
 - "Death Scene Investigation", High School Shadow Program
- April:**
- "From the Beginning to the End", Solon Police Citizens Academy
 - "From the Beginning to the End", Kent State University Radiology Program
 - "From the Beginning to the End", Cuyahoga Valley Career School of Nursing
 - "From the Beginning to the End", Cleveland Citizens Police Alumni Academy
 - "Autopsy Overview and Procedure", Shaw High School Criminal Justice Program
 - "From the Beginning to the End", Youngstown State University Forensic Club
 - "Autopsy Overview and Procedure", University Schools
- May:**
- "From the Beginning to the End" (2), Cuyahoga County Grand Jury
 - "Autopsy Overview and Procedure", West Geauga High School
 - "From the Beginning to the End", Cuyahoga County Court of Common Pleas
 - "From the Beginning to the End", Case Western Reserve University
- June:**
- "Autopsy Overview and Procedure", Tri-C Upward Bound Program
 - "Death Scene Investigation", Tri-C Upward Bound Program

2012 LECTURES GIVEN BY MEMBERS OF THE STAFF (continued)

Michael Vitovich, Pathologist's Assistant (continued)

- June:** "Autopsy Overview and Procedure" (2), Cuyahoga County Sheriff's Office
"Autopsy Overview and Procedure", Tri-C Enrichment Institute
"Autopsy Overview and Procedure", High School Shadow Program
"Death Scene Investigation", High School Shadow Program
- July:** "Autopsy Overview and Procedure", Copley High School
"A Career in Forensic Pathology" (2), Natural History Museum Camp
"From the Beginning to the End", Child Death Review (members from University Hospital)
- August:** "From Beginning to the End", Cleveland Institute of Dental and Medical Assistants, Lyndhurst, OH
"From Beginning to the End", Introduction to Death Scene Investigation, Cuyahoga County Medical Examiner's Office
- September:** "From the Beginning to the End" (2), Cuyahoga County Grand Jury
"Autopsy Overview and Procedure", Cuyahoga Valley Christian Academy
"Autopsy Overview and Procedure", Kaplan Career Institute
- October:** "From the Beginning to the End", Solon Police Citizens Academy
"From the Beginning to the End", Ohio Vital Statistics
- November:** "Autopsy Overview and Procedure", High School Shadow Program
"Death Scene Investigation", High School Shadow Program
- December:** "Autopsy Overview and Procedure", Girard High School
"Autopsy Overview and Procedure", School of Medical Professionals
"Autopsy Overview and Procedure", West Geauga High School

2012 LECTURES GIVEN BY MEMBERS OF THE STAFF (continued)

Michael Vitovich, Pathologist's Assistant (continued)

December: "From the Beginning to the End", Cuyahoga Valley Career School of Nursing

James Wentzel, Chief Forensic Photographer

February: "The Imperial Avenue Strangler: Issues in Crime Scene Documentation and Evidence Collection" (with Curtiss L. Jones, M.S.). Annual Meeting of the American Academy of Forensic Sciences. Atlanta, Georgia.

"Preserving the Crime Scene Photographically". Crime and Death Investigation Program, Cuyahoga County Medical Examiner's Office.

March: "Minimum Standards for Death Investigation Photographs" (2). Investigative Unit's Conference, Cuyahoga County Medical Examiner's Office.

"Forensic Photography at the Medical Examiner's Office". Pathologist's Assistant Training Program, Cleveland Clinic Foundation.

April: "Preserving the Crime Scene Photographically". Crime and Death Investigation Program, Cuyahoga County Medical Examiner's Office.

"The Role of Photographers at a Modern Medical Examiner's Office". Professional Photographic Practices Class from The University of Akron, Cuyahoga County Medical Examiner's Office.

"Forensic Photography at the Medical Examiner's Office". Forensic Photography Class from Lakeland Community College, Cuyahoga County Medical Examiner's Office.

May: "Forensic Photography Overview". Toxicology Interns, Cuyahoga County Medical Examiner's Office.

June "The Imperial Avenue Strangler: Issues in Crime Scene Documentation and Evidence Collection" (with Krista L. Pekarski, M.D. and Curtiss L. Jones, M.S.). Euclid Hospital Medical Examiner's Lecture Series, Cleveland, Ohio.

"Preserving the Crime Scene Photographically". Crime and Death Investigation Program, Cuyahoga County Medical Examiner's Office.

July "Preserving the Crime Scene Photographically". Crime and Death Investigation Program, Cuyahoga County Medical Examiner's Office.

October "Minimum Standards for Death Investigation Photographs" (2). Lecture and Training for Death Scene Investigators, Cuyahoga County Medical Examiner's Office.

December "Preserving the Crime Scene Photographically". Crime and Death Investigation Program, Cuyahoga County Medical Examiner's Office.

2012 PUBLICATIONS BY MEMBERS AND ASSOCIATES OF THE STAFF

Desrosiers, N.A., J.H. Watterson, D. Dean, and **J.F. Wyman.**: "Detection of Amitriptyline, Citalopram, and Metabolites in Porcine Bones Following Extended Outdoor Decomposition." J. Forensic Sci. 57 (2),:544-549.

Morgan, D.: "Best Practices: The Narrative Report", American Board of Medicolegal Death Investigators Quarterly Newsletter, April, 2012: 16-17.

Morgan, D.: "Investigating Deaths from Inhalant Abuse", Evidence Technology Magazine, Nov. - Dec., 2012: 14-17.

Semeraro D, Passalacqua N, Symes S, **Gilson T.**: "Patterns of Trauma Induced by Motorboat and Ferry Propellers as Illustrated by Three Known Cases from Rhode Island", J Forensic Sci 2012 Nov 57(6),: 1625-9.

Wyman, J.F.: "Principles and Procedures in Forensic Toxicology." Clinics in Laboratory Medicine 32(3):493-507.

ABOUT THE 2012 MEDICAL EXAMINER'S STATISTICAL REPORT

- All coding is based upon the standardized classifications contained in ICD-9-CM (International Classification of Diseases, Ninth Revision, Clinical Modification) for Physicians. The United States Department of Health & Human Services and the Centers for Medicare and Medicaid Services created ICD-9-CM as an extension of the Ninth Revision, International Classification of Diseases (ICD-9), which the World Health Organization originally established to track mortality statistics across the world.
- Unless otherwise noted, all data is tabulated based on initial injury location. If the injury location is unknown, then the place of death is utilized. For this reason, tables may have numbers that do not exactly match.
- Numbers, as reported in previous editions of the Coroner's Statistical Report, may not exactly match the same data in this publication given the numerous revisions to tables over the years.
- All tables that summarize autopsied cases also include hospital autopsy data.
- Per the Medical Examiner's protocol, no partial autopsies are performed.

The 2012 Medical Examiner's Statistical Report has been prepared, collectively by:

William Alexy	Database Administration
Amy Koons	Photographs
Jan Mannion	Project Coordination and Proofreading
Bhavna Patel	Database Administration
Jodie Schneider	Database Administration
Paula Wallace	Data Coding, Data Entry, Database Maintenance, Statistical Data, and Statistical Table Development
James Wentzel	Graphic Design, Photographs, and Cover



Crystals in Kidney

The cover image is a photomicrograph of ethylene glycol calcium oxalate crystals found in a human kidney. The crystals were recorded using polarized light, an Olympus BX60 microscope and an Olympus DP71 digital camera. Ethylene glycol is a clear liquid used in antifreeze and deicing solutions. Ingestion of ethylene glycol can damage the kidneys, heart, and nervous system.