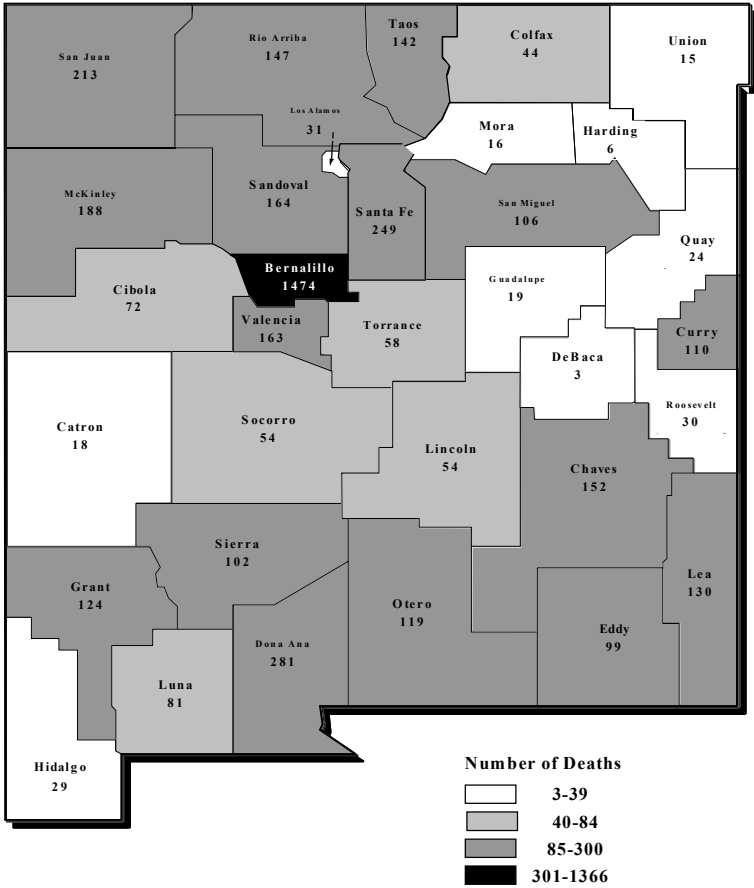




Office of the Medical Investigator State of New Mexico

Annual Report 2001

Deaths By County of Residence
New Mexico 2001
Includes All Manners of Death



**2001 Annual Report
Office of the Medical Investigator
State of New Mexico**

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Introduction

The Office of the Medical Investigator (OMI) investigates any death occurring in the State of New Mexico that is sudden, violent, untimely, unexpected, or where a person is found dead and the cause of death is unknown. In 2001, New Mexico had a total of 13,802 deaths. OMI performed services for a total of 4,974 deaths. A detailed breakout of the case distribution can be found in this report.

This report is presented in two sections. The first section of the report summarizes the activity of the OMI. The second presents data routinely collected by the OMI in a manner that answers questions related to mortality and public health. The tables and figures included in the report are designed to be self-explanatory, and we hope you find them easy to read and understand. Definitions can be found in the Glossary and may provide assistance with the terminology encountered in the report. Readers with special interests, needs, or whose questions are not answered by this report, may contact the Computer and Information Services Section of the OMI. Additionally, we encourage interested researchers to contact the Bureau of Vital Statistics for complete mortality statistics.

Comments or suggestions concerning the content, format, or clarity of the report are always welcome.

Preparation for the Annual Report

The OMI data from which this report was compiled are maintained on a Digital Equipment Corporation AlphaStation 400 computer, running DEC standard MUMPS language and database management system and is located at the University of New Mexico Health Sciences Center in Albuquerque. OMI staff Jean Durka and James Perrings using MUMPS and Microsoft Office2000, Professional prepared this report. UNM Health Sciences Center – Digital Printing and Document Services printed the final distribution copy.

Overview – Office of the Medical Investigator - 2001

The Office of the Medical Investigator (OMI) was created by the New Mexico State Legislature in 1972 and became operational in 1973. Replacing the county coroner system, the OMI was tasked¹ with investigating all reportable deaths occurring in New Mexico, to subsequently determine the cause and manner of death in such cases, and to provide formal death certification.

Reportable Deaths:

Those deaths to be reported to the OMI include all deaths occurring in New Mexico as outlined below regardless of where or when the initial injuring event occurred.

- Any death that occurs suddenly and unexpectedly, that is, when the person has not been under medical care for significant heart, lung or other disease.
- Any death suspected to be due to violence, i.e., suicidal, accidental or homicidal injury, regardless of when or where the injury occurred.
- Any death suspected to be due to alcohol intoxication or the result of exposure to toxic agents.
- Any death of a resident housed in a county or state institution, regardless of where death occurs. This refers to any ward of the state or individual placed in such a facility by legal authorization.
- Any death of a person in the custody of law enforcement officers.
- Any death of a person in a nursing home or other private institution without recent medical attendance.
- Any death that occurs unexpectedly during, in association with, or as a result of diagnostic, therapeutic, surgical, or anesthetic procedures.
- Deaths alleged to have been caused by an act of malpractice.
- Deaths suspected to be involved with the decedent's occupation.
- Deaths unattended by a physician.
- Any death due to neglect.
- Any stillbirth of 20 or more weeks' gestation unattended by a physician.
- Any maternal death to include death of a pregnant woman regardless of the length of the pregnancy, and up to six weeks (or one year) postdelivery, even where the cause of death is unrelated to the pregnancy.
- Any death of an infant or child where the medical history has not established some pre-existing medical condition.
- Deaths, which are possibly, directly or indirectly, attributable to environmental exposure, not otherwise specified.
- Any death suspected to be due to infectious or contagious disease wherein the diagnosis and extent of disease at the time of death are undetermined.
- Any death occurring under suspicious circumstances.
- Any death in which there is doubt as to whether or not it is a medical investigator's case should be reported.

¹ NMSA Statue 24-11-1, et seq., and 7-NMAC 3.2.8

Statutory Duty:

The OMI Policy Manual, derived from statute, requires the OMI to perform the following duties in all cases of reportable deaths:

- Receive all reports of sudden, unexpected or unexplained deaths.
- Respond to all sudden, unexpected or unexplained deaths.
- In the absence of a physician, pronounce death.
- Take custody of the body and all articles on or near the body.
- Maintain the chain of custody of the body and all articles obtained there from.
- Conduct an investigation leading to the determination of the cause and manner of death.
- Obtain toxicology samples from the body when indicated, and arrange for necessary tests upon those samples that will aid in the determination of cause and manner of death; maintain the proper chain of custody and evidence on those samples; store those samples for an appropriate period of time.
- Certify the cause and manner of death and forward written certification to designated agencies.
- Properly dispose of human remains through release to family or designated and authorized entities.
- Provide accurate identification of all human remains when possible.
- Cooperate with authorized agencies having involvement with death investigation.
- Provide professional, objective testimony in state and local courts of law.
- Define procedures that establish fees for services and material provided by the Office of the Medical Investigator.
- Define procedures to reimburse all parties providing services to the Office of the Medical Investigator.
- Establish and maintain a disaster plan outlining the role of OMI staff.
- Maintain records of each official death investigation and provide reports to official agencies.

The above duties are exclusive of deaths that occur on tribal or federal land. The OMI provides consulting services for requesting agencies such as the Bureau of Indian Affairs (BIA), Federal Bureau of Investigations (FBI), Tribal Law Enforcement or neighboring state jurisdictions.

The OMI is designated as a special program within the Department of Pathology at the University of New Mexico School of Medicine. A Board of Medical Investigations, comprised of the Dean of the UNM School of Medicine, the Chief of the New Mexico State Police, the Secretary of Health and Environment Department and the Chairman of the New Mexico Thanatopractice was established to oversee and develop broad policy. The Board appoints the Chief Medical Investigator, a physician licensed in New Mexico, trained in Pathology and Forensic Medicine, who has responsibility for operations.

The program operates out of the Central Office located in the UNM Health Sciences Center in Albuquerque, New Mexico. The Central Office directs all investigative activities statewide. Specially trained and certified Field Deputy Medical Investigators (FDMI) conduct field investigations. Every county in New Mexico has FDMI's who conduct investigations at the scene of death to collect information used to determine jurisdiction, possible cause and manner of death, and in the absence of a physician provide the pronouncement of death. The FDMI's contact the Central Office and present the

results of each investigation to Central Office Deputy Medical Investigators who make the ultimate decisions regarding jurisdiction and the need for further medicolegal investigation. All autopsy services are conducted in the Central Office and are performed by forensic pathologists with the assistance of morphology services. The New Mexico State Laboratory provides the majority of toxicology services with some specialized tests sent to other laboratories. All documentation is archived at the Central Office and is available as provided for by public record statutes and regulations.

Such a strongly defined and professionally staffed system provides investigative agencies, the medical community and the citizens of New Mexico with standardized death investigation protocols and a central repository for the information compiled during those medicolegal investigations. The centralization of these services has proven valuable in many areas of public concern including:

- Criminal investigations (Ex. homicide or child abuse)
- Protection of public health from environmental hazards and the spread of infectious disease
- Surveillance and reporting of deaths that may represent bioterrorist activities
- Medical and statistical research contributing to positive preventative measures (Seat Belt Laws)
- Expert testimony in court cases
- Proper certification of death
- Services to families of the deceased persons (Grief Intervention Program)

Program Summary and Highlights for 2001

Investigative Activity:

In 2001, New Mexico had 13,802 deaths, of which 4,660 deaths met the criteria to become a reportable death. The OMI provided investigative services for those 4,660 deaths and based on investigations retained jurisdiction over 3,086 deaths, relinquishing jurisdiction of 1,574 deaths to private physicians. An additional 287 deaths were investigated as a consultation service resulting in a total caseload of 4,947 medicolegal investigations. The following tables provide a granular examination of the case distribution.

Table 1 - Total Number of Cases - 2001

Total Number of Cases - 2001										
	Year of Death									
	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Cases	4,531	4,283	4,278	4,327	4,732	4,768	4,591	4,829	4,734	4,947

Table 2 - Total Cases - Autopsy Status - 2001

Autopsy Status - 2001						
Autopsy	Manner of Death					Total
	Natural	Accident	Suicide	Homicide	Undetermined	
Yes	626	641	323	156	99	1,845
No	2,510	520	58	1	13	3,102
Total	3,136	1,161	381	157	112	4,947

Figure 1 - Total Cases - Autopsy Status

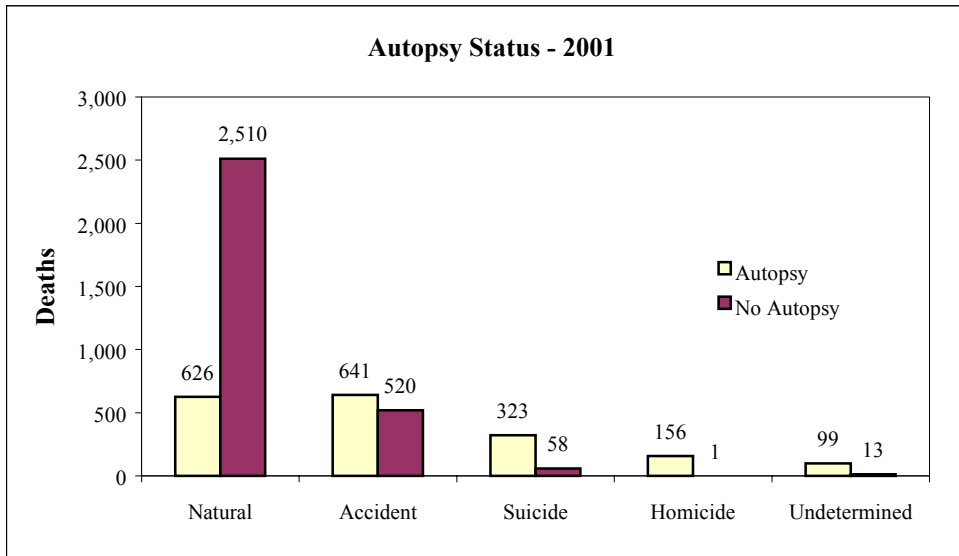


Table 3 - Total Cases -Case Distribution - 2001

Case Distribution - 2001					
Type of Case	Manner of Death	Autopsy		Percentage Autopsied	Total
		Yes	No		
Medical Investigator	Natural	540	895	37.6%	1,435
	Accident	582	486	54.5%	1,068
	Suicide	300	50	85.7%	350
	Homicide	136	1	99.3%	137
	Undetermined	84	12	87.5%	96
	Subtotal	1,642	1,444	53.2%	3,086
Terminated Jurisdiction	Natural	1	1573	0.1%	1,574
	Accident	0	0	0.0%	0
	Suicide	0	0	0.0%	0
	Homicide	0	0	0.0%	0
	Undetermined	0	0	0.0%	0
	Subtotal	1	1,573	0.1%	1,574
Reported Deaths		1,643	3,017		4,660
Consultation Cases	Natural	85	42	66.9%	127
	Accident	59	34	63.4%	93
	Suicide	23	8	74.2%	31
	Homicide	20	0	100.0%	20
	Undetermined	15	1	93.8%	16
	Subtotal	202	85	70.4%	287
Total		1,845	3,102		4,947

Additional Investigation Facts:

Deputy Medical Investigators throughout New Mexico

- Traveled 50,415 miles (one way) responding to 4,660 deaths
- Performed 2,704 field external examinations

OMI Toxicology:

- 2,195 OMI cases with toxicology requests
- 5,345 test requests
- 12,448 specimens submitted for analysis

“Doe” and/or missing person cases:

- 258 “Doe” cases
- 246 “Doe” cases identified (96%)
- 79 Forensic Anthropology examinations
- 151 Forensic Odontology examinations
- 2 Cases identified by DNA
- 12 “Doe” cases unidentified
- 19 Missing person’s reports

Training and Education

At the OMI, training and education is an integral part of day-to-day operations. The OMI is designated as a special program within the Department of Pathology at the University of New Mexico School of Medicine. The staff pathologists are faculty members with the School of Medicine and are expected to participate in training of medical students, residents and fellows, as well as conduct research activity to further advance the science of forensic medicine.

Forensic Pathologist Fellowship Program

The OMI Forensic Pathologist Fellowship Program is accredited and is considered one of the best in the country. The fellowship is a one-year in-depth training program in forensic pathology. Applicants must have completed an accredited residency program in anatomical or anatomical/clinical pathology. Three positions for this competitive program are available each year and are generally filled three years in advance.

Certification Training

All OMI deputy medical investigators are required to become certified to perform a death investigation. The OMI provides this training for the deputy medical investigators throughout New Mexico and in the past year, 34 individuals successfully completed the training and received certification. Upon request, OMI will provide the certification training to other medical investigators, coroners and law enforcement agencies for adaptation to the needs of their local systems. (Ex. Native American police officers)

Specialized training and certification is offered to hospice and home health care personnel. This training permits agency personnel to function as Deputy Medical Investigator–Designates, performing the formal pronouncement of death and documenting the in-home deaths of terminally ill individuals. 90 agencies statewide, with over 650 RN’s, participate in this voluntary program and typically pronounce approximately 2,700 deaths each year.

Annual Seminar

In September 2001, the 28th Annual Medicolegal Death Investigation Seminar was hosted by the OMI in Albuquerque, New Mexico. 121 representatives from the medical examiner, law enforcement and health care professions from throughout the nation participated in the three-day curriculum designed to present the most current facets of death investigations. The seminar also provides an opportunity for OMI Deputy Medical Investigator's to attain the required biennial re-certification.

Law Enforcement Education

Death investigation training is provided at the New Mexico State Police Academy, the New Mexico Law Enforcement Academy, the Bernalillo County Sheriff's Office Training Academy and the Albuquerque Police Academy. In addition, specialized training is provided to individual police departments at their request.

Public Education

OMI staff conducts in-service training throughout the state for a wide variety of agencies. Examples of agencies include hospitals, correction facilities, the EMS training site, state search and rescue groups and professional/advanced degree classes at New Mexico Universities. Approximately 610 individuals participated in the in-service training program.

Additionally, OMI staff provided tours and presentations to over 1,100 students from middle and high schools throughout New Mexico; the Albuquerque Technical Vocational Institute; and UNM medical and health programs.

OMI Newsletter

The OMI Newsletter is published quarterly and sent to OMI field and central office staff, funeral homes, and hospice and home health care agencies. The newsletter conveys information regarding updates in legislation and/or policy and procedure, as well as provides education in areas of disaster management, scene investigation and personnel issues.

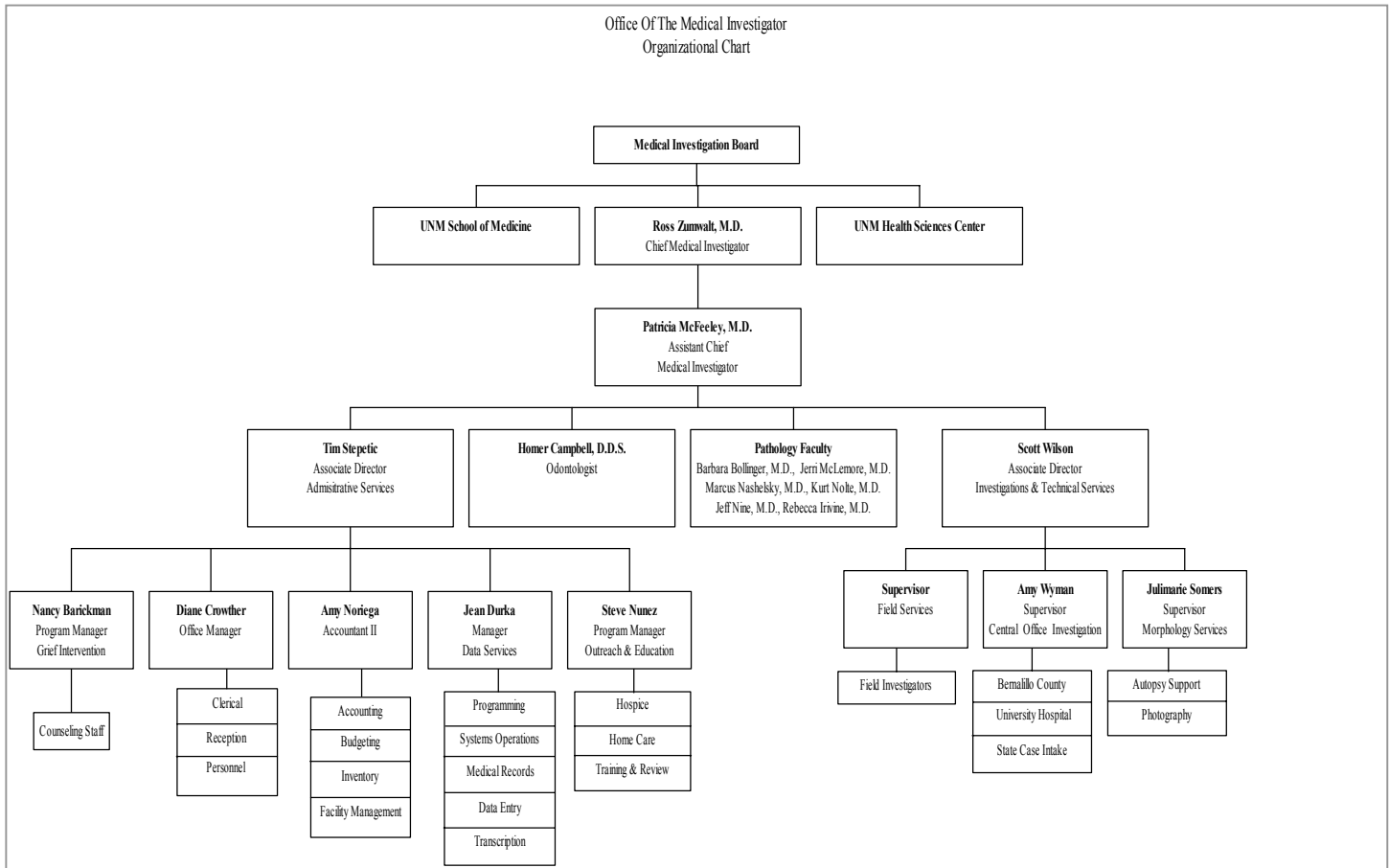
Grief Services Program

The Grief Services Program (GSP) was established in 1975. Initially, the program provided crisis intervention and education to families whose child died as a result of Sudden Infant Death Syndrome (SIDS). The program has continually expanded its mission and now provides services to all New Mexico families following pregnancy loss or the sudden and unexpected death of a young person under 25 years of age. Additionally, the GSP provides grief education and training throughout New Mexico for agencies such as law enforcement, emergency responders, nurses, mental health providers, teachers and other groups who request such training. In 2001, the GSP provided:

- Intervention for 3,200 clients
- Facilitated 187 support groups
- Training for 480 professional associates.

Organizational Chart

Figure 2 – Organizational Chart



Facility Enhancement

In 2001, an appropriation request for \$3,000,000 was submitted to the State Legislature to fund the conceptual and physical designs and full site planning for a new quad-laboratory building.

Overview – Total Cases – 2001

The remainder of this report will present data routinely collected by the OMI in a manner that answers questions regarding mortality and public health. The tables and charts summarize data collected on every medicolegal investigation, including consultation cases that the OMI conducted for this reporting period. The data, a subset of total mortality figures, present findings on cases that come to the attention of forensic pathology. Readers who need complete mortality figures are encouraged to contact the State Center for Health Statistics – New Mexico Vital Records and Health Statistics, New Mexico Department of Health.

Table 4 - NM Death Rates and OMI Cases

Death Rates and Total Cases - New Mexico - 2001					
County of Residence	Population¹	Deaths*	Death Rate (Per 100,000 population)	OMI Cases	Ratio of OMI Cases
Bernalillo	562,458	4,291	763	1856	0.43
Catron	3,512	35	997	19	0.54
Chaves	60,301	570	945	155	0.27
Cibola	25,888	215	831	68	0.32
Colfax	14,140	133	941	50	0.38
Curry	44,229	365	825	115	0.32
DeBaca	2,138	31	1,450	3	0.10
Dona Ana	176,790	1,046	592	278	0.27
Eddy	51,067	540	1,057	96	0.18
Grant	30,722	299	973	124	0.41
Guadalupe	4,602	40	869	32	0.80
Harding	772	9	1,166	6	0.67
Hidalgo	5,612	45	802	41	0.91
Lea	55,149	500	907	134	0.27
Lincoln	19,730	154	781	60	0.39
Los Alamos	17,798	119	669	30	0.25
Luna	25,002	229	916	82	0.36
McKinley	75,032	462	616	164	0.35
Mora	5,236	53	1,012	15	0.28
Otero	60,747	427	703	126	0.30
Quay	9,829	132	1,343	28	0.21
Rio Arriba	40,772	330	809	122	0.37
Roosevelt	18,120	137	756	29	0.21
San Juan	93,883	763	813	241	0.32
San Miguel	115,380	230	199	108	0.47
Sandoval	30,156	599	1,986	112	0.19
Santa Fe	130,915	793	606	266	0.34
Sierra	13,188	212	1,608	102	0.48
Socorro	17,856	144	806	53	0.37
Taos	30,353	236	778	147	0.62
Torrence	16,792	114	679	58	0.51
Union	4,022	57	1,417	26	0.46
Valencia	66,955	492	735	122	0.25
New Mexico Residents	1,829,146	13,802	755	4,868	0.35
Non-New Mexico Residents				79	
United States²	274,184,400	2,404,598	877		
Total				4947	

* Data provided by New Mexico Department of Health - Vital Records & Health Statistics

¹ 2001 County Estimates, US Census Bureau

² Data from "Deaths: Preliminary Data for 2000." National Vital Statistics Reports; vol 49 no. 12, National Center for Health Statistics.2001

Table 5 - County of Injury

Total Cases - County of Injury - 2001

County of Injury	Manner of Death					Total
	Natural	Accident	Suicide	Homicide	Undetermined	
Bernalillo	0	318	124	46	26	514
Catron	0	5	1	0	0	6
Chaves	0	37	14	6	2	59
Cibola	0	16	8	6	1	31
Colfax	0	18	4	0	0	22
Curry	0	13	7	5	2	27
DeBaca	0	2	2	0	0	4
Dona Ana	0	55	23	9	4	91
Eddy	0	22	5	2	3	32
Grant	0	9	4	2	0	15
Guadalupe	0	14	2	0	1	17
Harding	0	1	2	0	0	3
Hidalgo	0	9	2	0	0	11
Lea	0	24	9	6	1	40
Lincoln	0	20	6	1	0	27
Los Alamos	0	9	4	0	0	13
Luna	0	22	5	0	2	29
McKinley	0	57	15	14	6	92
Mora	0	4	4	0	0	8
Otero	0	22	13	1	2	38
Quay	0	12	5	0	0	17
Rio Arriba	0	37	11	4	2	54
Roosevelt	0	7	2	1	0	10
San Juan	0	79	19	8	8	114
San Miguel	0	20	13	3	3	39
Sandoval	0	39	14	3	5	61
Santa Fe	0	72	22	9	4	107
Sierra	0	12	5	7	2	26
Socorro	0	28	7	2	3	40
Taos	0	39	6	0	2	47
Torrance	0	18	6	1	3	28
Union	0	15	0	0	0	15
Valencia	0	35	10	5	3	53
Non-Resident	0	64	7	12	2	85
Unknown	0	7	0	4	25	36
Natural Deaths	3,136					3,136
Total		1,161	381	157	112	4,947

Figure 3 - Deaths by County of Injury

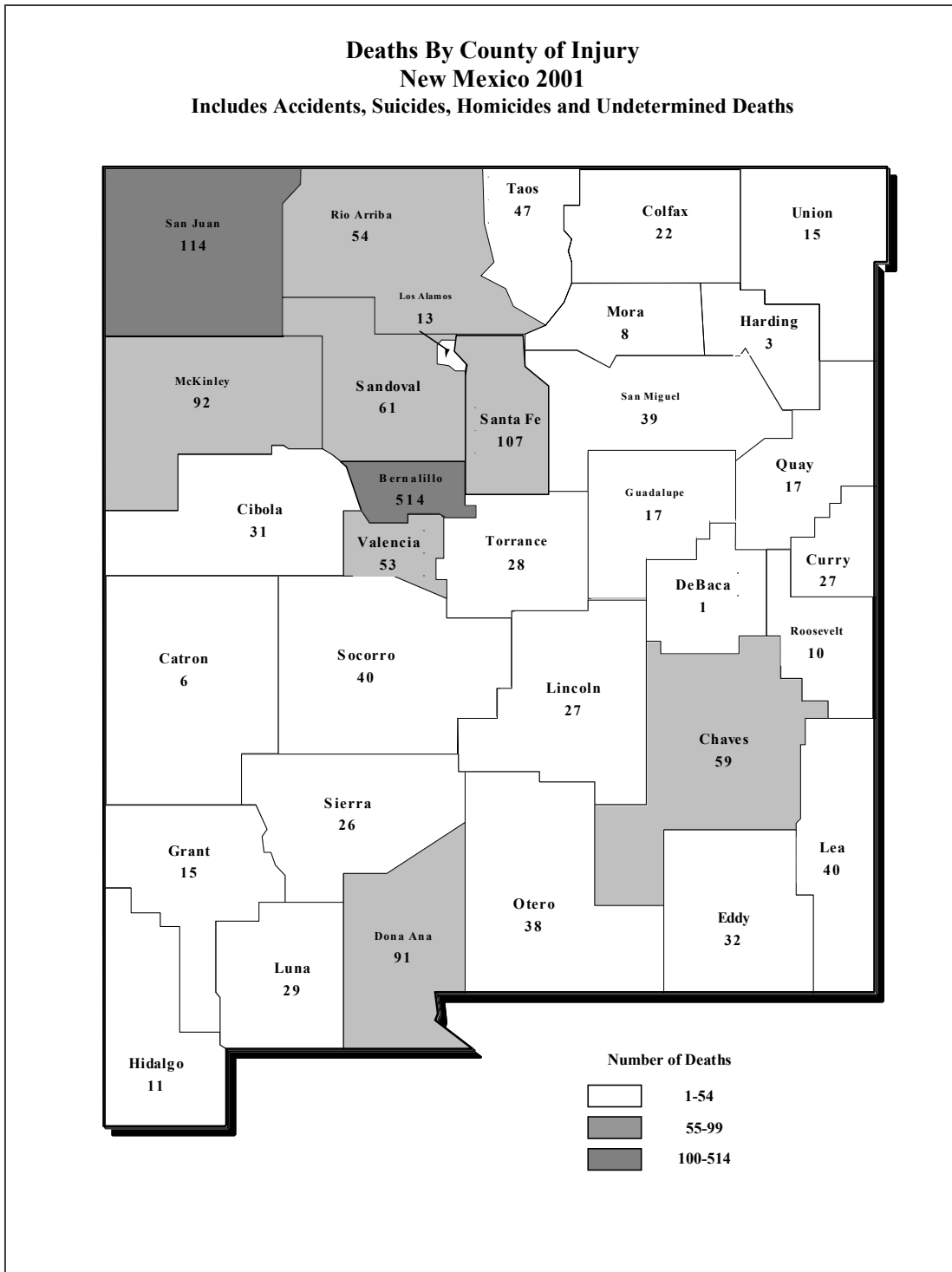
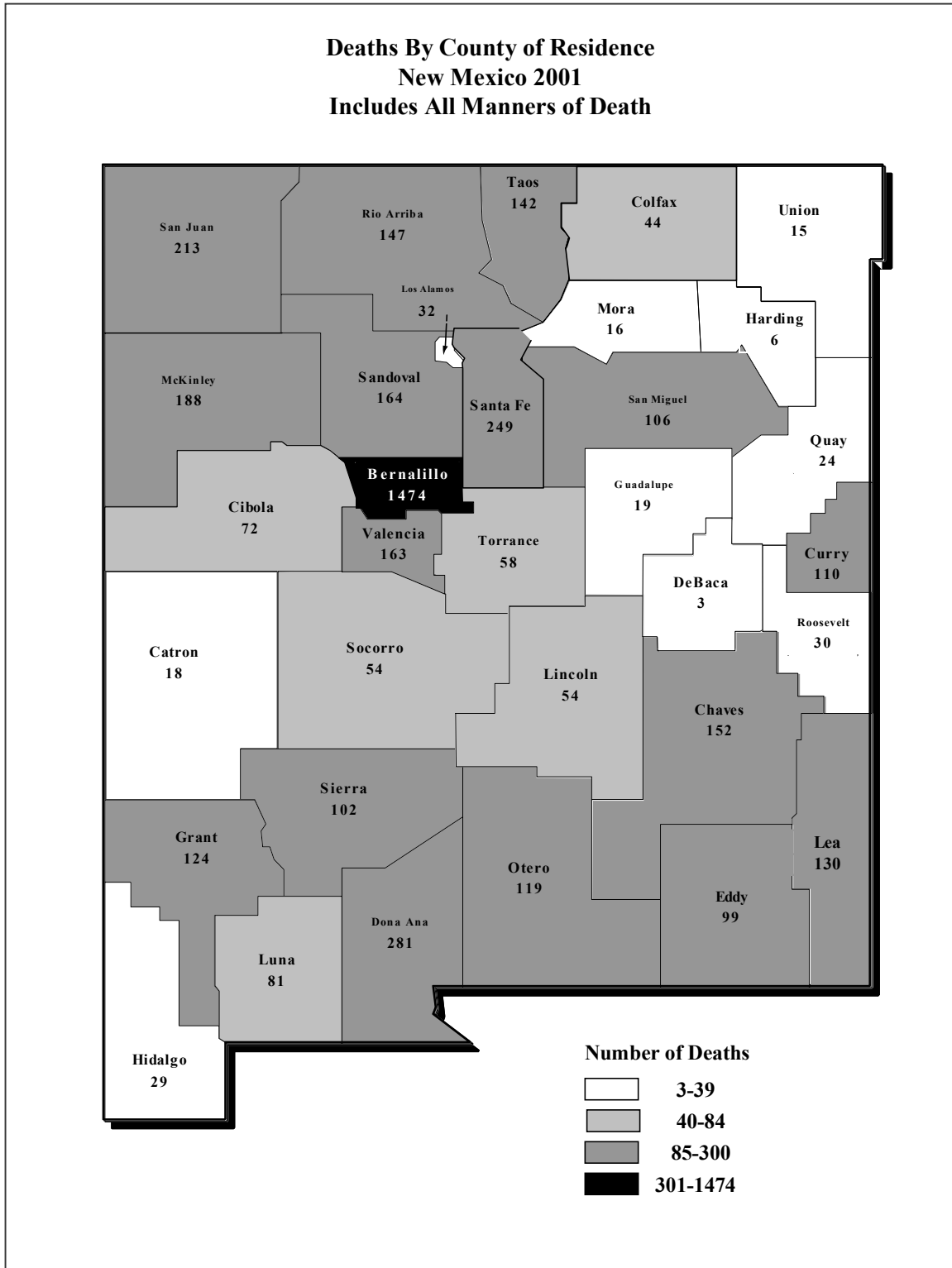


Table 6 - County of Residence

County of Residence - New Mexico - 2001

County of Residence	Manner of Death					Total
	Natural	Accident	Suicide	Homicide	Undetermined	
Bernalillo	981	307	116	40	30	1,474
Catron	12	6	0	0	0	18
Chaves	104	30	12	5	1	152
Cibola	47	8	9	5	3	72
Colfax	30	10	4	0	0	44
Curry	84	12	8	5	1	110
DeBaca	0	2	1	0	0	3
Dona Ana	192	51	22	10	6	281
Eddy	62	27	6	2	2	99
Grant	103	13	4	2	2	124
Guadalupe	14	3	2	0	0	19
Harding	4	0	2	0	0	6
Hidalgo	28	0	1	0	0	29
Lea	93	22	9	4	2	130
Lincoln	31	15	5	1	2	54
Los Alamos	15	11	5	1	0	32
Luna	62	13	5	0	1	81
McKinley	102	53	15	13	5	188
Mora	9	3	4	0	0	16
Otero	86	18	11	1	3	119
Quay	13	6	4	0	1	24
Rio Arriba	86	43	11	5	2	147
Roosevelt	23	5	2	0	0	30
San Juan	116	65	18	6	8	213
San Miguel	73	16	11	3	3	106
Sandoval	95	39	16	4	10	164
Santa Fe	147	68	21	6	7	249
Sierra	77	12	4	8	1	102
Socorro	25	19	6	1	3	54
Taos	106	32	3	0	1	142
Torrance	37	11	5	2	3	58
Union	10	4	1	0	0	15
Valencia	105	34	12	8	4	163
Unknown	0	1	0	0	1	2
Non-Resident	164	202	26	25	10	427
Total	3,136	1,161	381	157	112	4,947

Figure 4 – Deaths by County of Residence



Overview – Total Cases – Cause of Death – 2001

Table 7 - Total Cases – Cause of Death – Alphabetic Sort

Total Cases - Cause of Death - 2001				
Alphabetic Sort				
	Total Cases	Autopsied	Dictated External	Investigation/Field Examination
Natural Deaths				
Acquired Immune Deficiency Syndrome	6	1	0	5
Alzheimers Disease	35	5	0	30
Aneurysm	30	11	2	17
Arthritis	4	0	1	3
Aspiration	3	1	0	2
Asthma	21	10	1	10
Blood disorders	1	1	0	0
Carcinoma	303	17	6	280
Cerebrovascular	96	14	4	78
Chronic Drug Abuse	1	1	0	0
Chronic Obstructive Pulmonary Disease	135	10	7	118
Congenital Defect	26	8	1	17
Dehydration	2	1	0	1
Diabetes	42	13	3	26
Emboli	37	26	3	8
Emphysema	26	2	1	23
Epilepsy	23	18	0	5
Ethanolism	100	55	12	33
Gallbladder	1	1	0	0
Gastrointestinal Hemorrhage	62	19	8	35
Heart Disease	1,585	176	158	1,251
Hepatic failure	52	10	3	39
History of Illness or Injury	3	2	0	1
Hodgkin's disease	1	0	0	1
Hypertension	111	44	24	43
Intrauterine Fetal Death	32	16	2	14
Leukemia	9	1	0	8
Malnutrition	4	0	0	4
Maternal and Fetal Complications of Birth	5	5	0	0
Medical Treatment	8	5	0	3
Meningitis	4	2	1	1
Multiple Organ Failure	4	1	0	3
Natural- Other	117	47	3	67
Obesity	7	6	1	0
Obstruction (blockage)	4	2	0	2
Pancreas	4	3	0	1
Parkinson's disease	18	0	0	18
Pathologic Injuries	2	1	0	1
Pneumonia	160	74	7	79
Prematurity	24	3	0	21
Presumably natural disease	1	1	0	0

-Continued on the Next Page

Total Cases - Cause of Death - 2001 Cont.

Alphabetic Sort

	Total Cases	Autopsied	Dictated External	Investigation/Field Examination
Natural Deaths				
Pulmonary Edema	3	3	0	0
Renal Failure	50	7	3	40
Respiratory Distress Syndrome	22	5	0	17
Sepsis	74	28	2	44
Spontaneous Hemorrhage	19	8	1	10
Sudden Infant Death Syndrome	14	14	0	0
Subtotal	3,291	678	254	2,359
Unnatural Deaths				
Asphyxia	56	51	3	2
Aspiration	8	3	1	4
Carbon Monoxide Intoxication	35	27	7	1
Child abuse	2	2	0	0
Drowning	22	22	0	0
Electrocution	5	5	0	0
Ethanol (alcohol) Intoxication	6	5	1	0
Exposure	24	21	0	3
Exsanguination	6	4	1	1
Gunshot Wound	286	253	13	20
Hanging	79	65	5	9
Head and Neck Injuries	245	125	72	48
Insanguination	1	0	1	0
Multiple Injuries	493	229	111	153
Narcotic Abuse	1	1	0	0
Stab Wound	25	25	0	0
Subdural Hematoma	13	3	4	6
Substance Intoxication	271	264	2	5
Thermal Injuries (burns)	7	5	1	1
Unnatural-Other	9	5	1	3
Subtotal	1,594	1,115	223	256
Undetermined Deaths				
Skeletal/Mummified Remains	26	25	0	1
Undetermined After Autopsy and/or Investigation	24	24	0	0
Other				
Consult Request Withdrawn	7	1	0	6
Insufficient Remains for Determination of Death	2	1	0	1
Non-Human Remains	1	0	0	1
Skeletal Remains- Ancient	1	0	0	1
Uncoded	1	1	0	0
Subtotal	62	52	0	10
Total	4,947	1,845	477	2,625

Table 8 - Total Cases – Cause of Death – Numeric Sort

Total Cases - Cause of Death - 2001

By Highest Value

	Total Cases	Autopsied	Dictated External	Investigation/Field Examination
Natural Deaths				
Heart Disease	1,585	176	158	1,251
Carcinoma	303	17	6	280
Pneumonia	160	74	7	79
Chronic Obstructive Pulmonary Disease	135	10	7	118
Natural- Other	117	47	3	67
Hypertension	111	44	24	43
Ethanolism	100	55	12	33
Cerebrovascular	96	14	4	78
Sepsis	74	28	2	44
Gastrointestinal Hemorrhage	62	19	8	35
Hepatic failure	52	10	3	39
Renal Failure	50	7	3	40
Diabetes	42	13	3	26
Emboli	37	26	3	8
Alzheimers Disease	35	5	0	30
Intrauterine Fetal Death	32	16	2	14
Aneurysm	30	11	2	17
Congenital Defect	26	8	1	17
Emphysema	26	2	1	23
Prematurity	24	3	0	21
Epilepsy	23	18	0	5
Respiratory Distress Syndrome	22	5	0	17
Asthma	21	10	1	10
Spontaneous Hemorrhage	19	8	1	10
Parkinson's disease	18	0	0	18
Sudden Infant Death Syndrome	14	14	0	0
Leukemia	9	1	0	8
Medical Treatment	8	5	0	3
Obesity	7	6	1	0
Acquired Immune Deficiency Syndrome	6	1	0	5
Maternal and Fetal Complications of Birth	5	5	0	0
Malnutrition	4	0	0	4
Meningitis	4	2	1	1
Multiple Organ Failure	4	1	0	3
Obstruction (blockage)	4	2	0	2
Arthritis	4	0	1	3
Pancreas	4	3	0	1

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Total Cases - Cause of Death - 2001 Cont.

By Highest Value

	Total Cases	Autopsied	Dictated External	Investigation/Field Examination
Natural Deaths				
History of Illness or Injury	3	2	0	1
Aspiration	3	1	0	2
Pulmonary Edema	3	3	0	0
Dehydration	2	1	0	1
Pathologic Injuries	2	1	0	1
Hodgkin's disease	1	0	0	1
Blood disorders	1	1	0	0
Chronic Drug Abuse	1	1	0	0
Gallbladder	1	1	0	0
Presumably natural disease	1	1	0	0
Subtotal	3,291	678	254	2,359
Unnatural Deaths				
Multiple Injuries	493	229	111	153
Gunshot Wound	286	253	13	20
Substance Intoxication	271	264	2	5
Head and Neck Injuries	245	125	72	48
Hanging	79	65	5	9
Asphyxia	56	51	3	2
Carbon Monoxide Intoxication	35	27	7	1
Stab Wound	25	25	0	0
Exposure	24	21	0	3
Drowning	22	22	0	0
Subdural Hematoma	13	3	4	6
Unnatural-Other	9	5	1	3
Aspiration	8	3	1	4
Thermal Injuries (burns)	7	5	1	1
Ethanol (alcohol) Intoxication	6	5	1	0
Exsanguination	6	4	1	1
Electrocution	5	5	0	0
Child abuse	2	2	0	0
Insanguination	1	0	1	0
Narcotic Abuse	1	1	0	0
Subtotal	1,594	1,115	223	256
Undetermined Deaths				
Skeletal/Mummified Remains	26	25	0	1
Undetermined After Autopsy and/or Investigation	24	24	0	0
Other				
Consult Request Withdrawn	7	1	0	6
Insufficient Remains for Determination of Death	2	1	0	1
Non-Human Remains	1	0	0	1
Skeletal Remains- Ancient	1	0	0	1
Uncoded	1	1	0	0
Subtotal	62	52	0	10
Total	4,947	1,845	477	2,625

Overview – Total Cases – Manner of Death – 2001

Table 9 - Total Cases – Manner of Death – Accidental Deaths

Total Cases - Manner of Death -Accidental Deaths - 2001

Manner of Death - Accident	Alphabetic Sort			
	Total Cases	Autopsied	Dictated External	Investigation/Field Examination
<i>Aircraft</i>				
Passenger in aircraft crash	5	5	0	0
Pilot of aircraft crash	6	5	1	0
<i>Animal Related</i>				
Animal related (bitten, kicked, trampled)	6	1	4	1
<i>Asphyxia</i>				
Accidental ligature strangulation	4	4	0	0
Choked on foreign object	14	7	1	6
Crushed/suffocated	6	3	1	2
Drowned (non-recreational water accidents)	11	11	0	0
Drowned while swimming (recreational and rescue attempts)	5	5	0	0
<i>Cyclist</i>				
Cyclist non-motor vehicle accident	2	0	1	1
<i>Drug Use</i>				
Ingested alcohol (ethanol)	11	9	1	1
Ingested and/or injected illicit drug(s)	148	147	0	1
Ingested and/or injected prescription medications	69	65	2	2
<i>Electrical</i>				
Contacted electrical current	3	3	0	0
Struck by lightning	2	2	0	0
<i>Exposure</i>				
Exposed to cold, heat	23	21	0	2
<i>Fall</i>				
Fall from height	55	15	17	23
Fall from standing height	175	16	39	120
<i>Fire</i>				
Scalded by hot water, hot oil, other agent	1	1	0	0
Victim of explosion	2	1	1	0
Victim of fire	10	9	0	1
<i>Machinery</i>				
Farm or Industrial machinery accident	9	6	0	3
<i>Medical Treatment</i>				
Medical treatment	1	1	0	0

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Total Cases - Manner of Death - Accidental Deaths - 2001 Cont.

Alphabetic Sort

Manner of Death - Accident	Total Cases	Autopsied	Dictated External	Investigation/Field Examination
<i>Motor Vehicle</i>				
Cyclist struck by motor vehicle type	6	4	2	0
Driver of auto in collision with fixed object	21	8	6	7
Driver of auto in collision with other motor vehicle	85	42	20	23
Driver of auto that left roadway	62	24	19	19
Driver of motor vehicle struck by train	2	2	0	0
Driver of motorcycle left roadway	19	7	8	4
Driver of motorcycle in collision with other motor vehicle type	14	7	5	2
Driver of pickup in collision with fixed object	3	2	1	0
Driver of pickup in collision with motor vehicle type	13	5	4	4
Driver of pickup that left roadway	34	13	5	16
Driver of truck in collision with other fixed object	2	1	1	0
Driver of truck in collision with other motor vehicle type	3	3	0	0
Driver of truck that left roadway	13	8	4	1
Motor vehicle accident, etiology unknown	1	0	0	1
Passenger in auto in collision with fixed object	16	7	5	4
Passenger in auto in collision with other motor vehicle type	42	16	15	11
Passenger in auto that left roadway	62	27	23	12
Passenger in motor vehicle struck by train	2	1	0	1
Passenger in pickup in collision with fixed object	2	1	1	0
Passenger in pickup in collision with motor vehicle type	8	5	2	1
Passenger in pickup that left roadway	18	13	3	2
Passenger in truck in collision with other motor vehicle type	1	1	0	0
Passenger in truck in collision with other fixed object	1	1	0	0
Passenger in truck that left roadway	4	1	2	1
Passenger on motorcycle in collision with other motor vehicle type	3	1	1	1
Passenger on motorcycle left roadway	2	0	1	1
Passenger who fell from moving motor vehicle	1	0	1	0
Pedestrian struck by motor vehicle	89	60	14	15
<i>Pedestrian</i>				
Pedestrian struck by non-motor vehicle	2	1	0	1
<i>Poisoned</i>				
Inhaled toxic agent accidentally	2	0	2	0
Inhaled toxic substances to achieve intoxication	5	3	2	0
Poisoned	1	1	0	0
<i>Traumatic Injury</i>				
Accidental discharge of firearm	5	5	0	0
Cut self	1	1	0	0
Struck by moving object	1	1	0	0
<i>Unknown</i>				
Accident-Unknown	47	32	5	10
Total	1,161	641	220	300

Figure 5 - Accidental Deaths

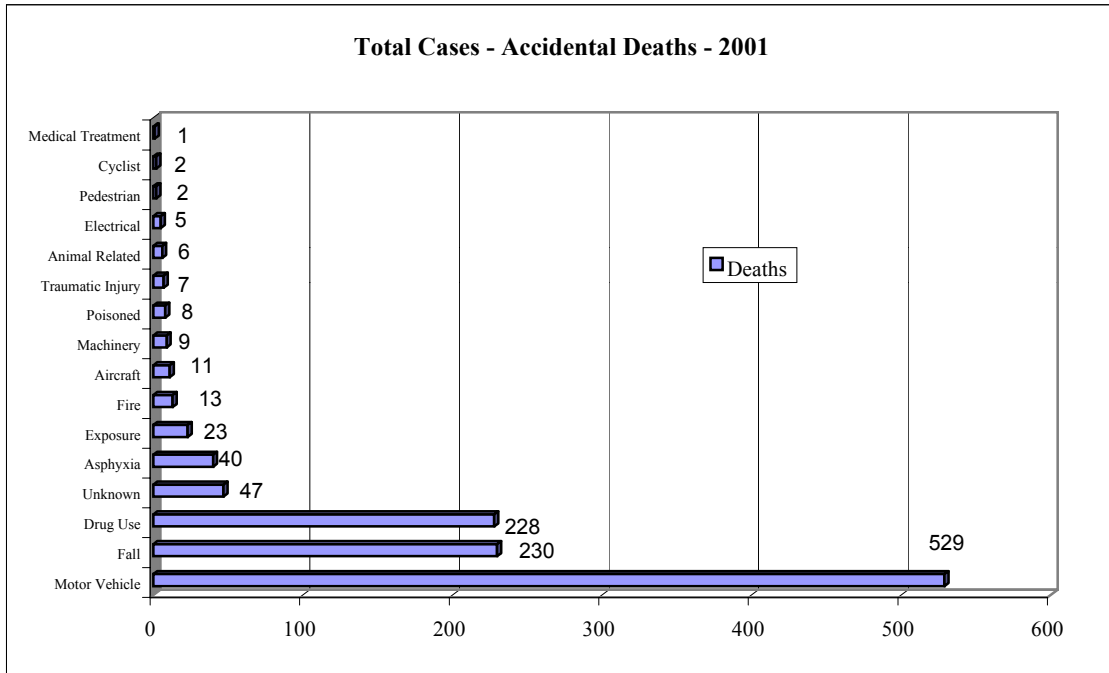


Figure 6 - Accidental Deaths - Age

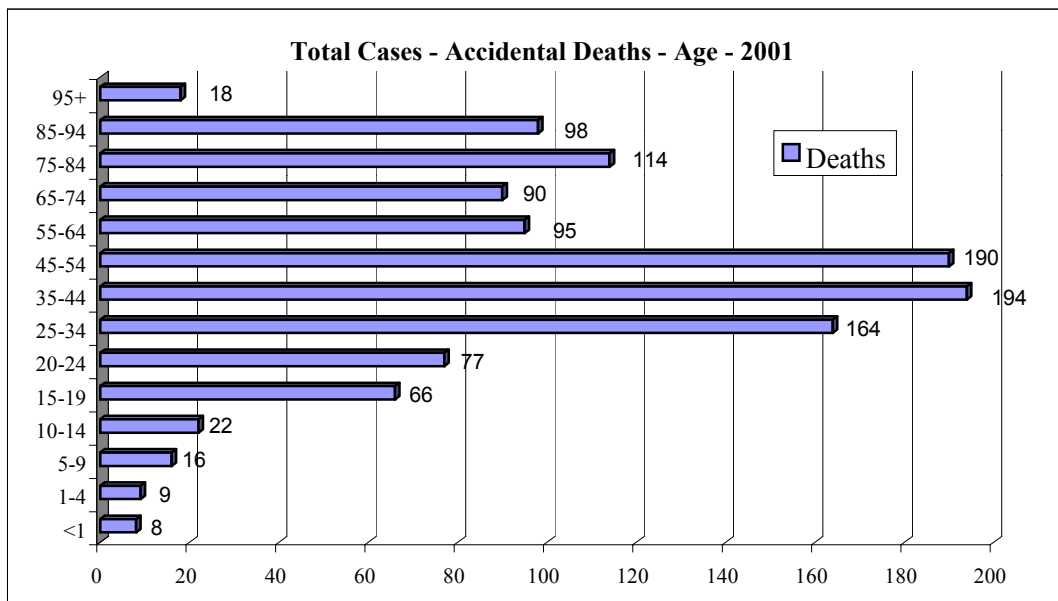


Table 10 – Manner of Death – Suicide – Alphabetic Sort
Total Cases- Manner of Death - Suicide Deaths - 2001

Alphabetic Sort				
Manner of Death - Suicide	Total Cases	Autopsied	Dictated External	Investigation/Field Examination
Asphyxia				
Drowned self	3	3	0	0
Hanged self	79	66	5	8
Suffocated self	14	11	3	0
Drug Use				
Ingested or injected medication	46	44	0	2
Ingested, injected or inhaled non-prescription medication	5	4	1	0
Fall				
Jumped from height	4	3	1	0
Fire				
Burned self	2	2	0	0
Motor Vehicle				
Driver of motor vehicle	1	1	0	0
Suicide as pedestrian	2	2	0	0
Poisoned				
Inhaled toxic agent	19	16	2	1
Traumatic Injury				
Cut/Slashed self	4	2	0	2
Shot self with firearm	198	165	13	20
Stabbed self	1	1	0	0
Unknown				
Suicide-Other	3	3	0	0
Total	381	323	25	33

Table 11 – Manner of Death – Suicide – Numeric Sort
Total Cases - Manner of Death - Suicide Deaths - 2001

By Highest Value				
Manner of Death - Suicide	Total Cases	Autopsied	Dictated External	Investigation/Field Examination
Shot self with firearm	198	165	13	20
Hanged self	79	66	5	8
Ingested or injected medication	46	44	0	2
Inhaled toxic agent	19	16	2	1
Suffocated self	14	11	3	0
Ingested, injected or inhaled non-prescription medication	5	4	1	0
Jumped from height	4	3	1	0
Cut/Slashed self	4	2	0	2
Suicide-Other	3	3	0	0
Drowned self	3	3	0	0
Suicide as pedestrian	2	2	0	0
Burned self	2	2	0	0
Driver of motor vehicle	1	1	0	0
Stabbed self	1	1	0	0
Total	381	323	25	33

Figure 7 - Suicide Deaths

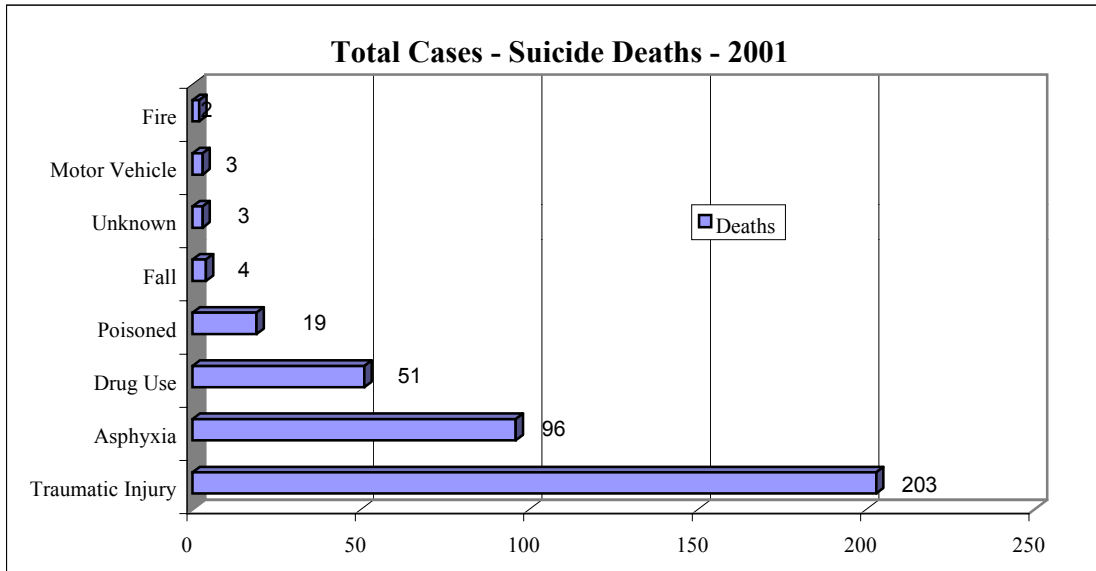


Figure 8 - Suicide Deaths - Age

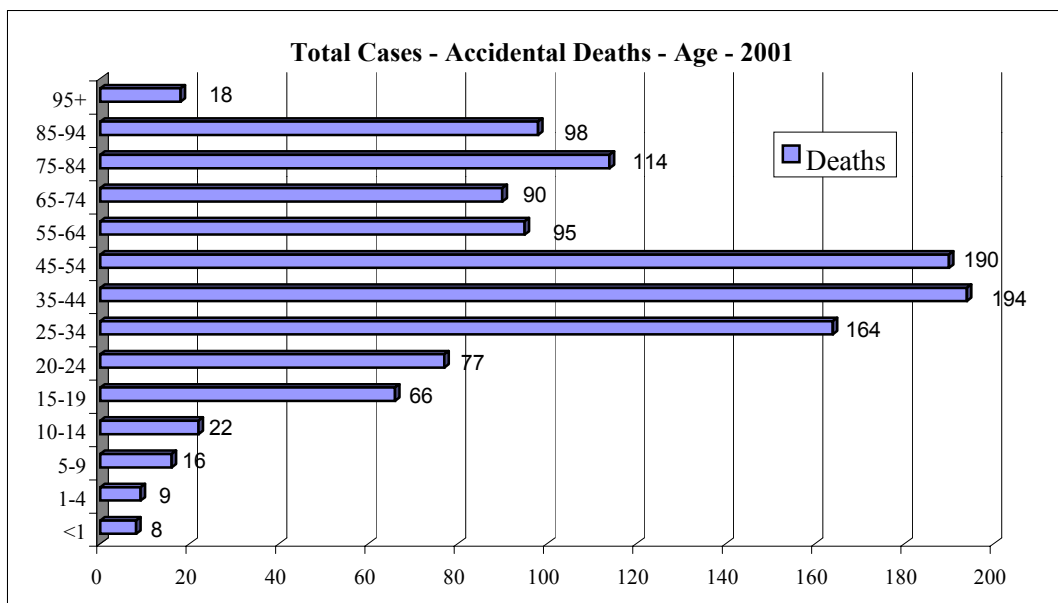


Table 12 – Suicide Deaths - County of Residence

Suicide Deaths - County of Residence - 2001

County of Residence	Year of Death							
	1994	1995	1996	1997	1998	1999	2000	2001
Bernalillo	97	99	113	89	88	100	99	116
Catron	1	0	0	1	1	1	1	0
Chaves	14	17	9	10	6	13	13	12
Cibola	5	4	2	4	5	1	0	9
Colfax	0	2	7	0	1	5	4	4
Curry	8	6	7	5	12	8	5	8
DeBaca	0	1	0	1	0	1	1	1
Dona Ana	17	21	23	18	24	18	26	22
Eddy	5	7	11	12	7	8	6	6
Grant	6	6	7	9	5	10	5	4
Guadalupe	4	2	0	1	1	0	0	2
Harding	1	0	1	0	0	0	0	2
Hidalgo	0	1	0	0	1	2	1	1
Lea	3	7	7	5	6	8	7	9
Lincoln	3	6	4	5	8	9	7	5
Los Alamos	1	2	5	2	1	3	0	5
Luna	3	5	5	12	1	8	2	5
McKinley	9	6	11	14	14	14	14	15
Mora	3	0	0	2	2	0	2	4
Otero	8	15	6	5	2	9	12	11
Quay	4	3	2	0	1	2	2	4
Rio Arriba	15	6	12	14	9	8	10	11
Roosevelt	0	1	3	1	2	2	3	2
San Juan	16	13	11	12	17	15	18	18
San Miguel	8	5	5	6	5	4	8	11
Sandoval	11	11	8	11	13	7	16	16
Santa Fe	27	24	32	21	28	23	23	21
Sierra	4	2	7	10	4	6	6	4
Socorro	4	1	4	4	3	0	3	6
Taos	2	4	4	5	5	2	3	3
Torrence	0	1	4	5	3	3	4	5
Union	0	0	0	1	0	0	0	1
Valencia	12	8	10	8	9	13	7	12
Unknown	0	0	2	0	0	0	1	0
Non Resident	14	12	18	6	26	9	14	26
Total	305	298	340	299	310	312	323	381

Table 13 - Manner of Death – Homicide Deaths – Alphabetic Sort

Total Cases - Manner of Death - Homicide Deaths - 2001

Manner of Death - Homicide	Alphabetic Sort			
	Total Cases	Autopsied	Dictated External	Investigation/Field Examination
Asphyxia				
Strangled by assailant(s)	9	9	0	0
Fire				
Victim of intentionally set fire	1	1	0	0
Motor Vehicle				
Struck with auto by assailant(s)	4	4	0	0
Poisoned				
Ingested/injected/inhaled drugs/poisons	1	1	0	0
Traumatic Injury				
Assaulted (unknown)	1	1	0	0
Beaten by assailant(s)	26	26	0	0
Shot by assailant(s) with firearm	79	78	0	1
Stabbed by assailant(s)	24	24	0	0
Unknown				
Homicide-Other	12	12	0	0
Total	157	156	0	1

Table 14 – Manner of Death – Homicide Deaths – Numeric Sort

Total Cases - Manner of Death - Homicide Deaths - 2001

Manner of Death - Homicide	By Highest Value			
	Total Cases	Autopsied	Dictated External	Investigation/Field Examination
Shot by assailant(s) with firearm	79	78	0	1
Beaten by assailant(s)	26	26	0	0
Stabbed by assailant(s)	24	24	0	0
Homicide-Other	12	12	0	0
Strangled by assailant(s)	9	9	0	0
Struck with auto by assailant(s)	4	4	0	0
Victim of intentionally set fire	1	1	0	0
Ingested/injected/inhaled drugs/poisons	1	1	0	0
Assaulted (unknown)	1	1	0	0
Total	157	156	0	1

Figure 9 – Homicide Deaths

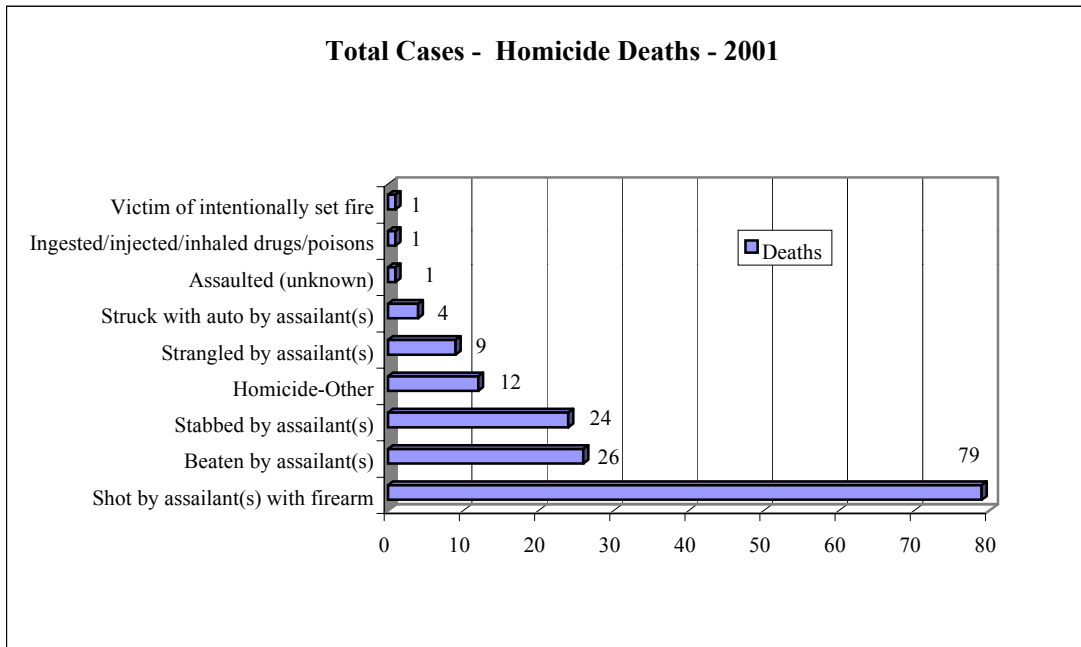


Figure 10 – Homicide Deaths – Age

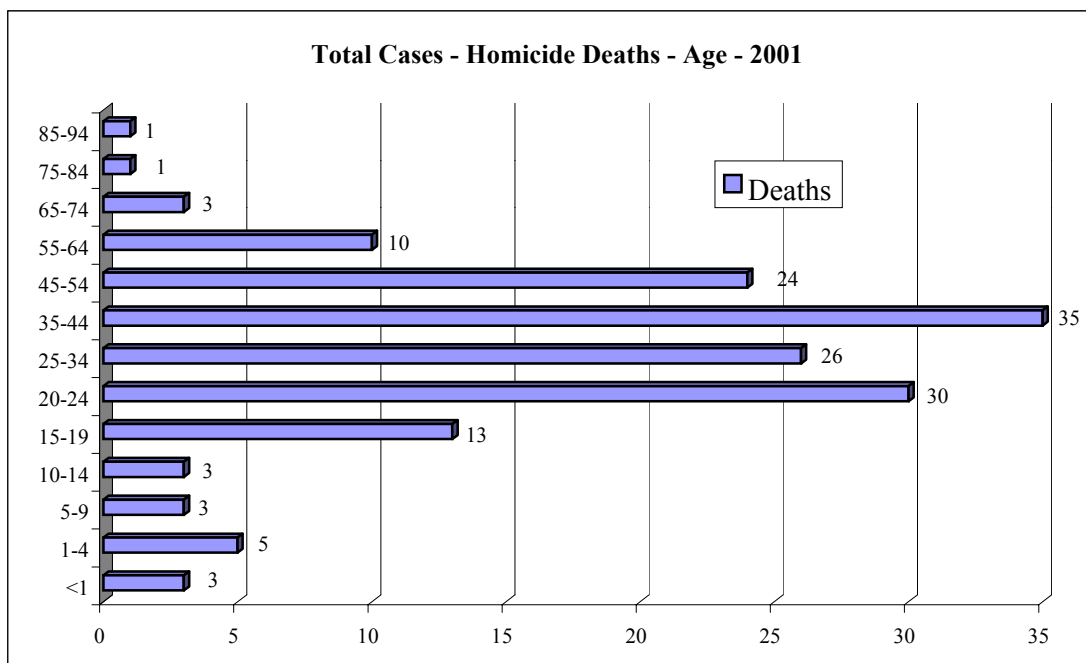


Table 15 – Homicide Deaths – County of Residence

County of Residence	Year of Death							
	1994	1995	1996	1997	1998	1999	2000	2001
Bernalillo	64	81	80	61	61	67	56	40
Catron	1	0	1	3	1	1	0	0
Chaves	8	8	14	13	5	10	14	5
Cibola	5	3	2	2	1	1	1	5
Colfax	0	0	0	0	1	1	0	0
Curry	2	3	1	3	3	5	1	5
DeBaca	0	0	0	0	0	0	0	0
Dona Ana	13	9	6	9	13	12	10	10
Eddy	5	0	5	3	2	4	8	2
Grant	1	3	3	3	4	3	2	2
Guadalupe	2	0	0	2	3	1	0	0
Harding	0	0	0	0	0	0	0	0
Hidalgo	0	0	0	0	0	0	0	0
Lea	2	5	4	8	5	7	6	4
Lincoln	2	0	1	3	2	2	1	1
Los Alamos	2	0	0	1	0	0	1	1
Luna	1	2	3	5	0	1	2	0
McKinley	5	9	8	9	13	5	3	13
Mora	1	0	2	1	0	0	0	0
Otero	1	2	0	3	2	2	2	1
Quay	2	1	0	0	1	3	1	0
Rio Arriba	8	7	4	4	12	4	3	5
Roosevelt	1	1	1	0	1	1	0	0
San Juan	17	7	16	9	11	7	7	6
San Miguel	6	2	2	6	3	3	10	3
Sandoval	10	2	7	4	4	4	10	4
Santa Fe	4	11	11	10	7	12	14	6
Sierra	1	1	0	1	1	1	1	8
Socorro	1	1	3	2	1	0	1	1
Taos	1	2	1	1	2	5	4	0
Torrence	2	1	0	0	3	1	1	2
Union	1	0	0	0	0	0	0	0
Valencia	5	6	7	5	6	6	9	8
Unknown	17	12	12	9	3	3	1	0
Non-Resident	0	1	4	1	9	13	14	25
Total	191	180	198	181	180	185	183	157

Table 16 – Manner of Death – Undetermined Deaths – Alphabetic Sort

Total Cases - Undetermined Deaths - 2001

Alphabetic Sort

Manner of Death - Undetermined	Total Cases	Autopsied	Dictated External	Investigation/Field Examination
Asphyxia				
Asphyxia/airway obstruction/suffocation	1	1	0	0
Hanged/strangled	1	1	0	0
Drug Use				
Ingested/injected medication	4	4	0	0
Ingested/injected/inhaled illicit drug or volatile	4	4	0	0
Narcotic abuse	2	2	0	0
Fire				
Explosion/Victim of fire	1	1	0	0
Traumatic Injury				
Blunt trauma/multiple injuries/subdural hematoma	7	6	0	1
Gunshot wound	2	2	0	0
Unknown				
Skeletal, mummified or decomposed remains	30	29	0	1
Undetermined after autopsy and/or toxicology	48	46	1	1
Other				
Consult Request Withdrawn	7	1	0	6
Insufficient remains for determination of death	2	1	0	1
Non-human remains	1	0	0	1
Skeletal remains (ancient)	1	0	0	1
Uncoded	1	1	0	0
Total	112	99	1	12

Table 17 – Manner of Death – Undetermined Deaths – Numeric Sort

Total Cases - Undetermined Deaths - 2001

By Highest Value

	Total Cases	Autopsied	Dictated External	Investigation/Field Examination
Manner of Death - Undetermined				
Undetermined after autopsy and/or toxicology	48	46	1	1
Skeletal, mummified or decomposed remains	30	29	0	1
Blunt trauma/multiple injuries/subdural hematoma	7	6	0	1
Consult Request Withdrawn	7	1	0	6
Ingested/injected/inhaled illicit drug or volatile	4	4	0	0
Ingested/injected medication	4	4	0	0
Gunshot wound	2	2	0	0
Narcotic abuse	2	2	0	0
Insufficient remains for determination of death	2	1	0	1
Uncoded	1	1	0	0
Explosion/Victim of fire	1	1	0	0
Hanged/strangled	1	1	0	0
Asphyxia/airway obstruction/suffocation	1	1	0	0
Skeletal remains (ancient)	1	0	0	1
Non-human remains	1	0	0	1
Total	112	99	1	12

Figure 11 – Undetermined Deaths - Age

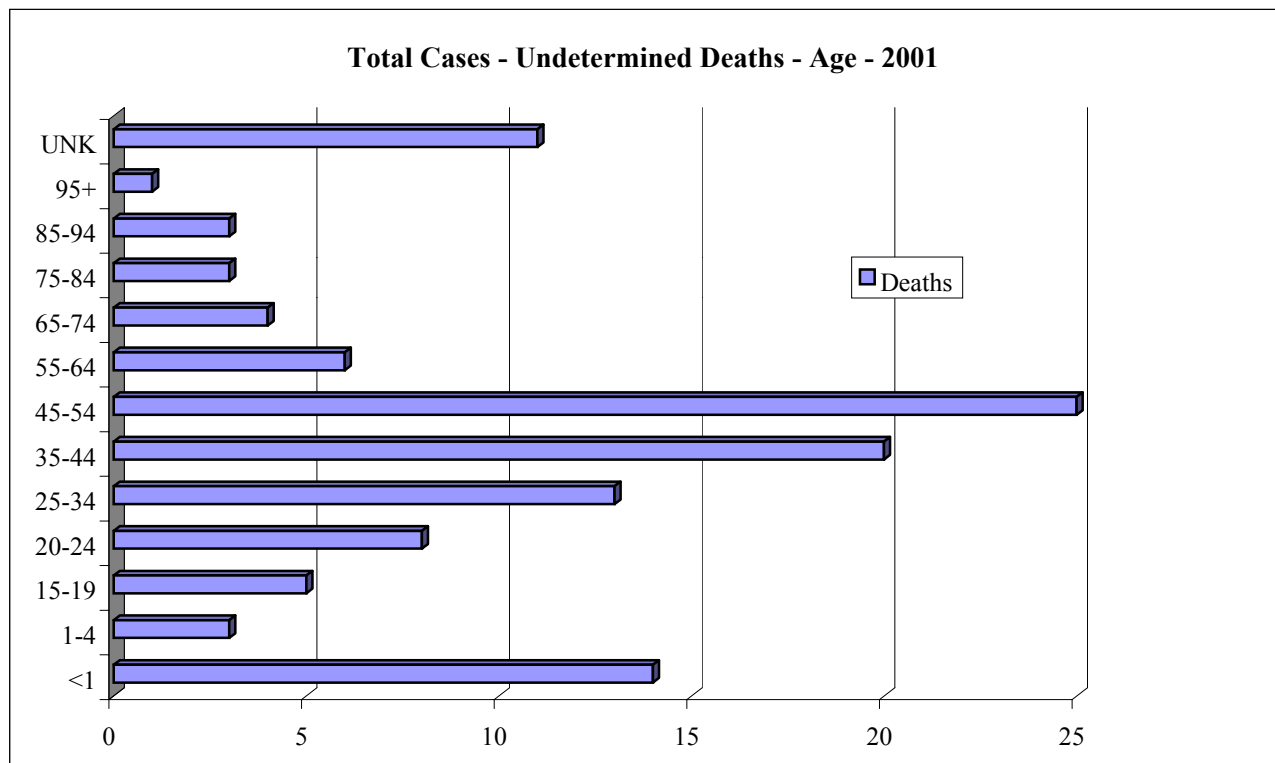


Table 18 – Total Cases - Age

		Total Cases - Age at Death - 2001						
Gender	Age	Manner of Death					Total	
		Natural	Accidents		Suicide	Homicide		Undetermined
			Motor Vehicle	Non-Motor Vehicle				
Female	<1	48	1	3	0	1	7	60
	1-4	8	4	0	0	1	2	15
	5-9	3	5	0	0	2	0	10
	10-14	0	8	2	2	2	0	14
	10-14	6	12	2	3	1	1	25
	15-19	5	17	2	0	5	1	30
	20-24	5	21	15	16	5	3	65
	25-34	22	19	31	21	14	5	112
	35-44	64	21	24	18	4	9	140
	45-54	116	21	16	10	4	1	168
	55-64	144	12	15	7	2	3	183
	65-74	200	7	39	4	0	3	253
	75-84	341	6	46	1	0	2	396
	85-94	251	0	17	0	0	1	269
	95+	50	0	0	0	0	2	52
	Subtotal	1,263	154	212	82	41	40	1,792
Male	<1	69	1	3	0	2	4	79
	1-4	6	1	4	0	4	1	16
	5-9	1	9	2	0	1	0	13
	10-14	7	9	3	3	1	0	23
	15-19	6	39	13	21	12	4	95
	20-24	8	42	16	22	25	6	119
	25-34	35	71	57	41	21	10	235
	35-44	136	65	79	77	21	14	392
	45-54	232	59	86	54	20	15	466
	55-64	322	30	28	28	6	5	419
	65-74	404	23	40	24	1	1	493
	75-84	415	22	46	19	1	0	503
	85-94	204	4	42	8	1	1	260
	95+	22	0	1	2	0	0	25
		UNK	0	0	0	0	0	1
	Subtotal	1,867	375	420	299	116	62	3,139
Unknown		6	0	0	0	0	10	16
Total		3,136	529	632	381	157	112	4,947

Table 19 – Total Cases - Gender
Total Cases - Gender - 2001

Gender	Manner of Death					Total
	Natural	Accident	Suicide	Homicide	Undetermined	
Female	1,263	366	82	41	40	1,792
Male	1,870	795	299	116	62	3,142
Unknown	3	0	0	0	10	13
Total	3,136	1,161	381	157	112	4,947

Figure 12 – Total Cases - Day

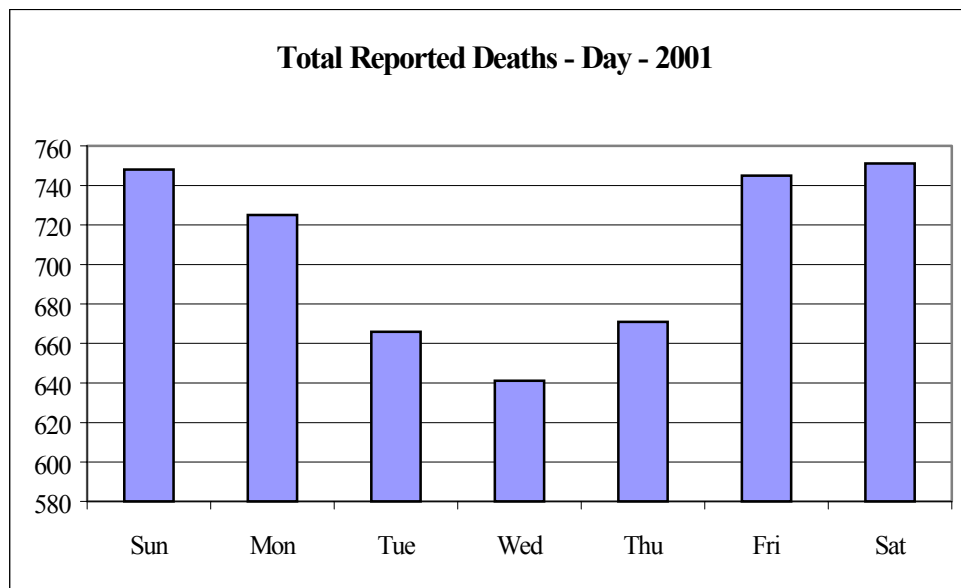


Figure 13 – Total Cases – Manner of Death - Day

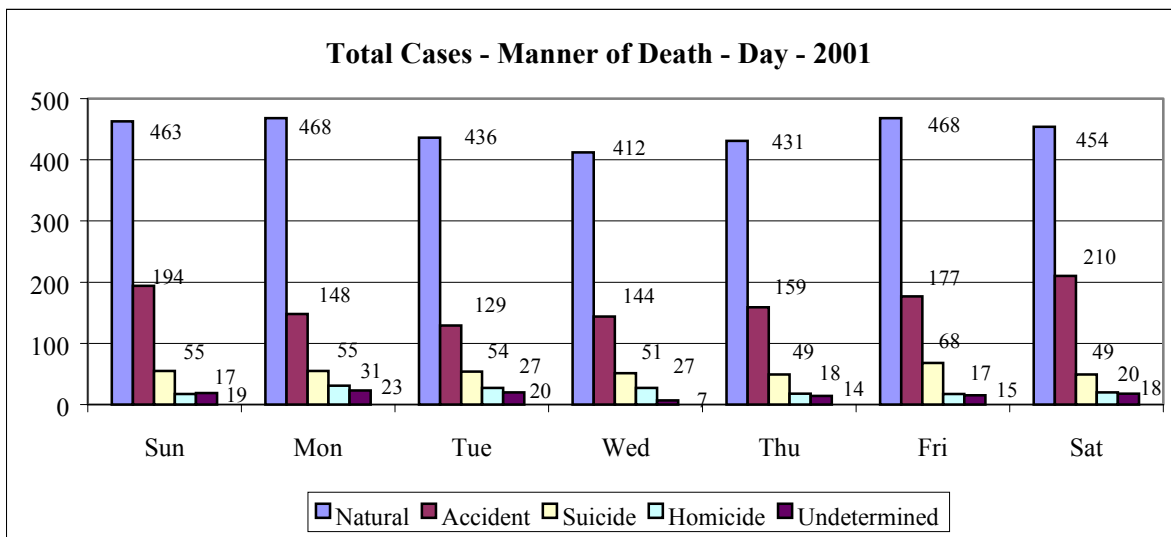


Figure 14 – Total Cases – Month

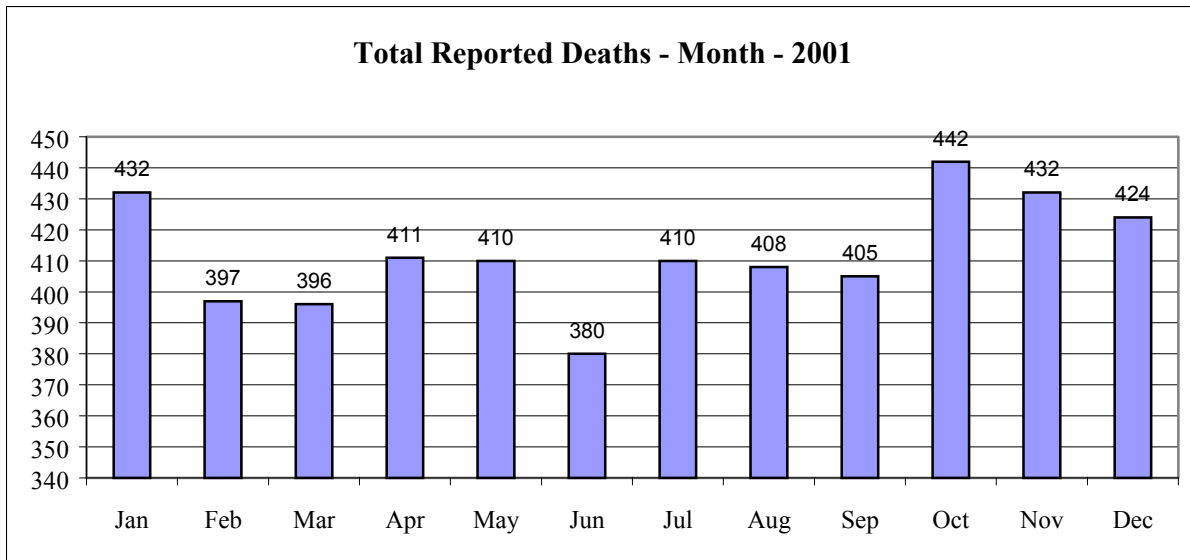
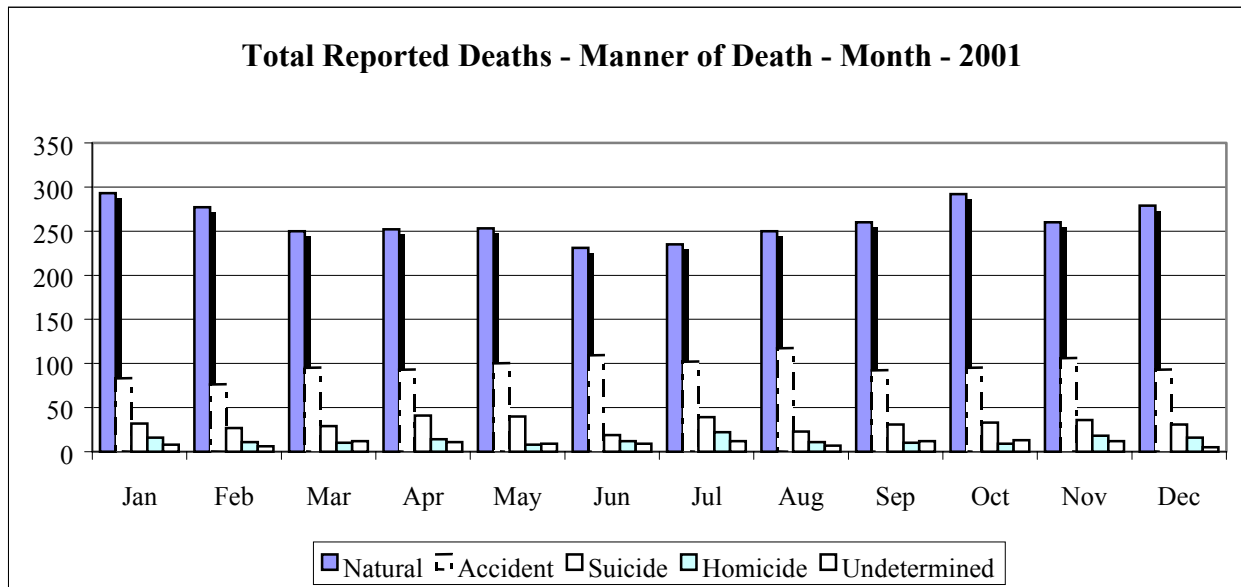


Figure 15 – Total Cases –Manner of Death - Month



Deaths of Children (18 Years of Age and Younger)

Cause of Death

Table 20 –Children – Cause of Death – Alphabetic Sort

Children* - Cause of Death - 2001
Alphabetic Sort

	Total Cases	Autopsied	Dictated External	Investigation/Field Examination
Natural Deaths				
Aneurysm	1	1	0	0
Carcinoma	3	0	3	0
Cerebrovascular	4	1	2	1
Congenital Defect	21	8	12	1
Dehydration	1	1	0	0
Epilepsy	1	1	0	0
Heart Disease	4	2	2	0
Hepatic failure	1	0	1	0
History of Illness or Injury	2	2	0	0
Hypertension	4	2	2	0
Intrauterine Fetal Death	32	16	14	2
Leukemia	1	0	1	0
Maternal and Fetal Complications of Birth	1	1	0	0
Medical Treatment	3	2	1	0
Meningitis	2	0	1	1
Natural- Other	18	6	11	1
Pneumonia	11	10	1	0
Prematurity	23	3	20	0
Renal Failure	1	1	0	0
Respiratory Distress Syndrome	6	1	5	0
Sepsis	4	2	2	0
Sudden Infant Death Syndrome	14	14	0	0
Subtotal	158	74	78	6

Continued on the next page-

Children* - Cause of Death - 2001 Cont.

Alphabetic Sort

	Total Cases	Autopsied	Dictated External	Investigation/Field Examination
Unnatural Deaths				
Asphyxia	9	8	0	1
Carbon Monoxide Intoxication	3	3	0	0
Child abuse	2	2	0	0
Drowning	1	1	0	0
Electrocution	1	1	0	0
Ethanol (alcohol) Intoxication	1	1	0	0
Exposure	1	1	0	0
Exsanguination	1	1	0	0
Gunshot Wound	26	25	1	0
Hanging	14	13	1	0
Head and Neck Injuries	47	24	8	15
Multiple Injuries	39	22	10	7
Stab Wound	1	1	0	0
Substance Intoxication	7	7	0	0
Subtotal	153	110	20	23
Undetermined				
Undetermined After Autopsy and/or Investigation	13	13	0	0
Subtotal	13	13	0	0
Total	324	197	98	29

* 18 Years of Age and Younger

Table 21 - Children – Cause of Death – Numeric Sort

Children* - Cause of Death - 2001

By Highest Value

	Total Cases	Autopsied	Dictated External	Investigation/Field Examination
Natural Deaths				
Intrauterine Fetal Death	32	16	14	2
Prematurity	23	3	20	0
Congenital Defect	21	8	12	1
Natural- Other	18	6	11	1
Sudden Infant Death Syndrome	14	14	0	0
Pneumonia	11	10	1	0
Respiratory Distress Syndrome	6	1	5	0
Cerebrovascular	4	1	2	1
Heart Disease	4	2	2	0
Hypertension	4	2	2	0
Sepsis	4	2	2	0
Carcinoma	3	0	3	0
Medical Treatment	3	2	1	0
History of Illness or Injury	2	2	0	0
Meningitis	2	0	1	1
Aneurysm	1	1	0	0
Dehydration	1	1	0	0
Epilepsy	1	1	0	0
Hepatic failure	1	0	1	0
Leukemia	1	0	1	0
Maternal and Fetal Complications of Birth	1	1	0	0
Renal Failure	1	1	0	0
Subtotal	158	74	78	6
Unnatural Deaths				
Head and Neck Injuries	47	24	8	15
Multiple Injuries	39	22	10	7
Gunshot Wound	26	25	1	0
Hanging	14	13	1	0
Asphyxia	9	8	0	1
Substance Intoxication	7	7	0	0
Carbon Monoxide Intoxication	3	3	0	0
Child abuse	2	2	0	0
Drowning	1	1	0	0
Electrocution	1	1	0	0
Ethanol (alcohol) Intoxication	1	1	0	0
Exposure	1	1	0	0
Exsanguination	1	1	0	0
Stab Wound	1	1	0	0
Subtotal	153	110	20	23
Undetermined				
Undetermined After Autopsy and/or Investigation	13	13	0	0
Subtotal	13	13	0	0
Total	324	197	98	29

* 18 Years of Age and Younger

Manner of Death – Accidental

Table 22 – Children – Manner of Death – Accidental Deaths – Alphabetic Sort

Children* - Accidental Deaths - 2001

Alphabetic Sort

Manner of Death - Accident	Total Cases	Autopsied	Dictated External	Investigation/Field Examination
Animal Related				
Fell/thrown from (horse, brahma bull, other riding animal)	1	0	0	1
Asphyxia				
Accidental ligature strangulation	1	1	0	0
Choked on foreign object	1	1	0	0
Crushed/suffocated	3	2	0	1
Drowned (non-recreational water accidents)	1	1	0	0
Drug Use				
Ingested alcohol (ethanol)	2	1	1	0
Ingested and/or injected illicit drug(s)	2	2	0	0
Ingested and/or injected prescription medications	3	3	0	0
Electrical				
Contacted electrical current	1	1	0	0
Exposure				
Exposed to cold, heat	1	1	0	0
Fall				
Fall from height	2	2	0	0
Fire				
Victim of fire	2	2	0	0
Motor Vehicle				
Cyclist struck by motor vehicle type	1	1	0	0
Driver of auto in collision with fixed object	3	1	0	2
Driver of auto in collision with other motor vehicle	6	3	1	2
Driver of auto that left roadway	4	2	1	1
Driver of motorcycle left roadway	2	0	2	0
Driver of motorcycle in collision with other motor vehicle type	1	0	0	1
Driver of pickup that left roadway	4	2	0	2
Passenger in auto in collision with fixed object	4	2	0	2
Passenger in auto in collision with other motor vehicle type	11	5	5	1
Passenger in auto that left roadway	24	10	10	4
Passenger in pickup in collision with motor vehicle type	1	1	0	0
Passenger in pickup that left roadway	3	1	1	1
Passenger in truck that left roadway	1	0	1	0
Passenger on motorcycle in collision with other motor vehicle type	1	1	0	0
Pedestrian struck by motor vehicle	8	7	1	0
Poisoned				
Inhaled toxic substances to achieve intoxication	1	1	0	0
Traumatic Injury				
Accidental discharge of firearm	1	1	0	0
Unknown				
Accident-Unknown	6	5	0	1
Total	102	60	23	19

* 18 Years of Age and Younger

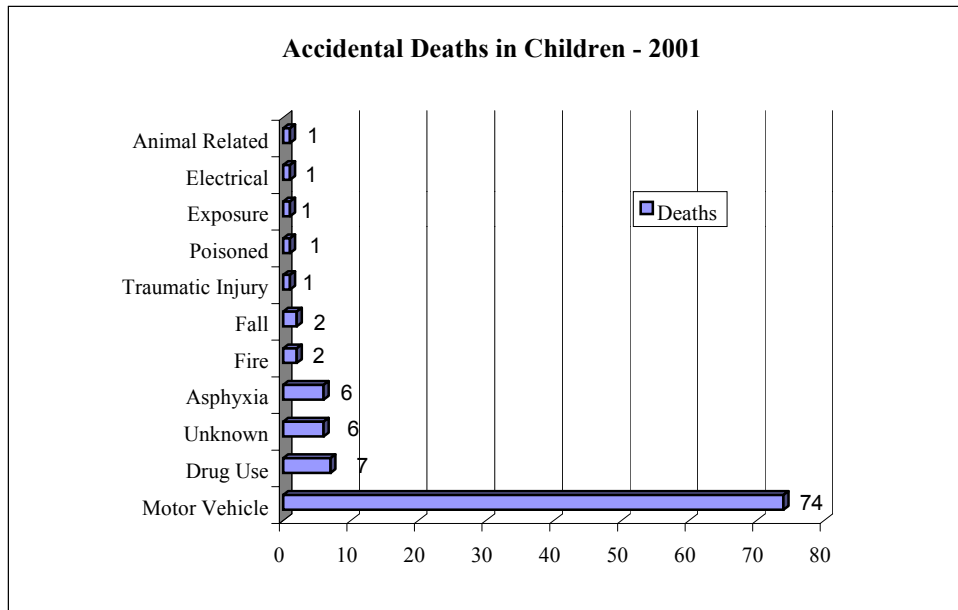
Table 23 – Children – Manner of Death – Accidental Deaths – Numeric Sort

**Children* - Accidental Deaths -2001
 By Highest Value**

Manner of Death - Accident	Total Cases	Autopsied	Dictated External	Investigation/Field Examination
Passenger in auto that left roadway	24	10	10	4
Passenger in auto in collision with other motor vehicle type	11	5	5	1
Pedestrian struck by motor vehicle	8	7	1	0
Accident-Unknown	6	5	0	1
Driver of auto in collision with other motor vehicle	6	3	1	2
Driver of auto that left roadway	4	2	1	1
Driver of pickup that left roadway	4	2	0	2
Passenger in auto in collision with fixed object	4	2	0	2
Crushed/suffocated	3	2	0	1
Driver of auto in collision with fixed object	3	1	0	2
Ingested and/or injected prescription medications	3	3	0	0
Passenger in pickup that left roadway	3	1	1	1
Driver of motorcycle left roadway	2	0	2	0
Fall from height	2	2	0	0
Ingested alcohol (ethanol)	2	1	1	0
Ingested and/or injected illicit drug(s)	2	2	0	0
Victim of fire	2	2	0	0
Accidental discharge of firearm	1	1	0	0
Accidental ligature strangulation	1	1	0	0
Choked on foreign object	1	1	0	0
Contacted electrical current	1	1	0	0
Cyclist struck by motor vehicle type	1	1	0	0
Driver of motorcycle in collision with other motor vehicle type	1	0	0	1
Drowned (non-recreational water accidents)	1	1	0	0
Exposed to cold, heat	1	1	0	0
Fell/thrown from (horse, brahma bull, other riding animal	1	0	0	1
Inhaled toxic substances to achieve intoxication	1	1	0	0
Passenger in pickup in collision with motor vehicle type	1	1	0	0
Passenger in truck that left roadway	1	0	1	0
Passenger on motorcycle in collision with other motor vehicle type	1	1	0	0
Total	102	60	23	19

* 18 Years of Age and Younger

Figure 16 – Accidental Deaths in Children



Manner of Death – Suicide

Table 24 – Children – Suicide Deaths

Children* - Suicide Deaths - 2001

Manner of Death - <i>Suicides</i>	Total Cases	Autopsied	Dictated External	Investigation/Field Examination
Hanged self	12	11	0	1
Inhaled toxic agent	1	1	0	0
Shot self with firearm	10	9	0	1
Total	23	21	0	2

* 18 Years of Age and Younger

Figure 17 – Suicide in Children

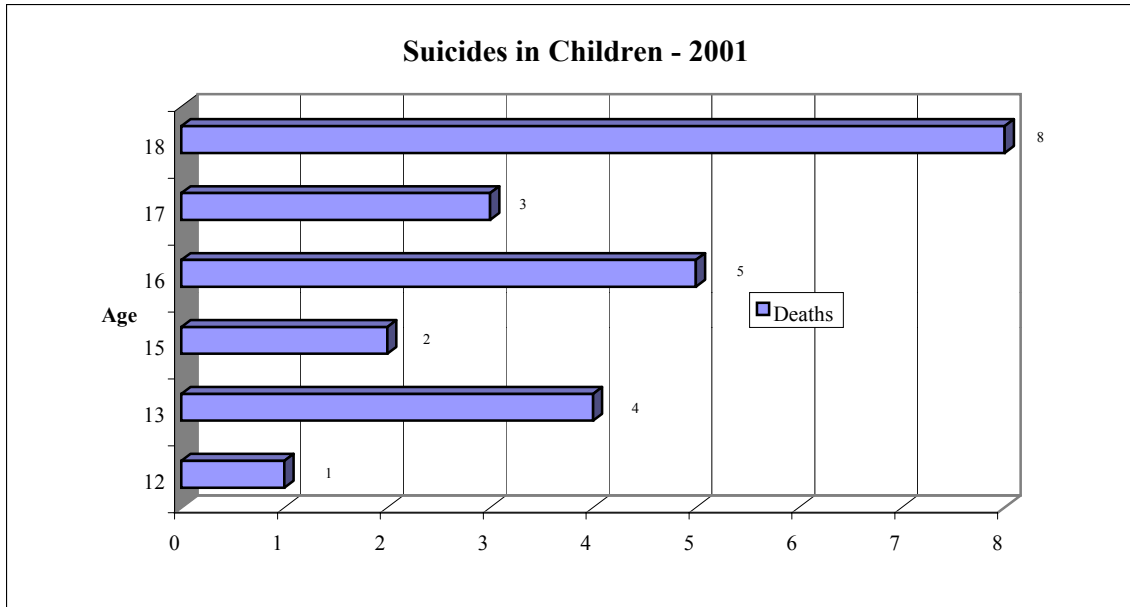
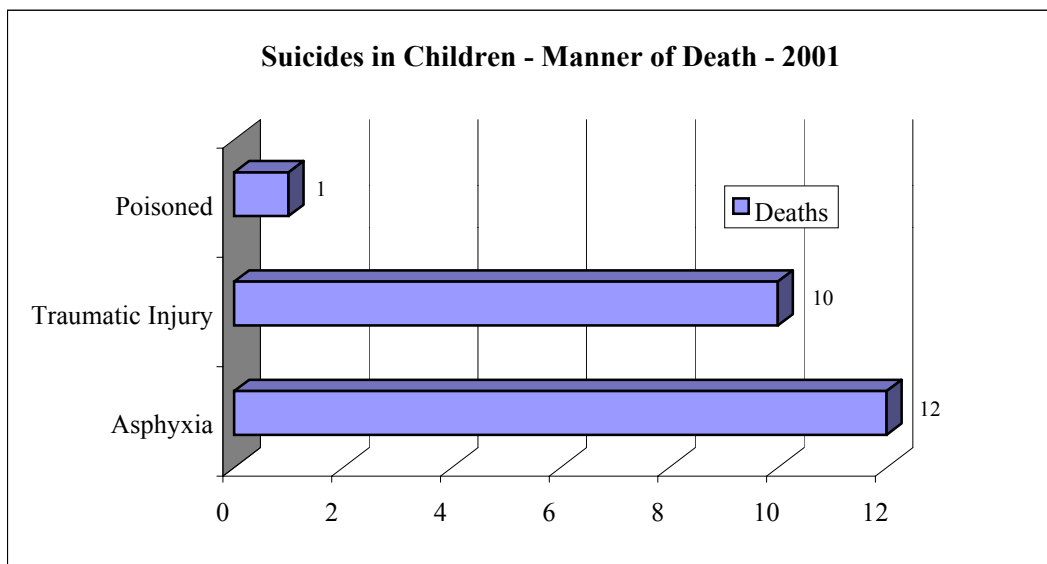


Figure 18 – Suicide in Children – Manner of Death



* 18 Years of Age and Younger

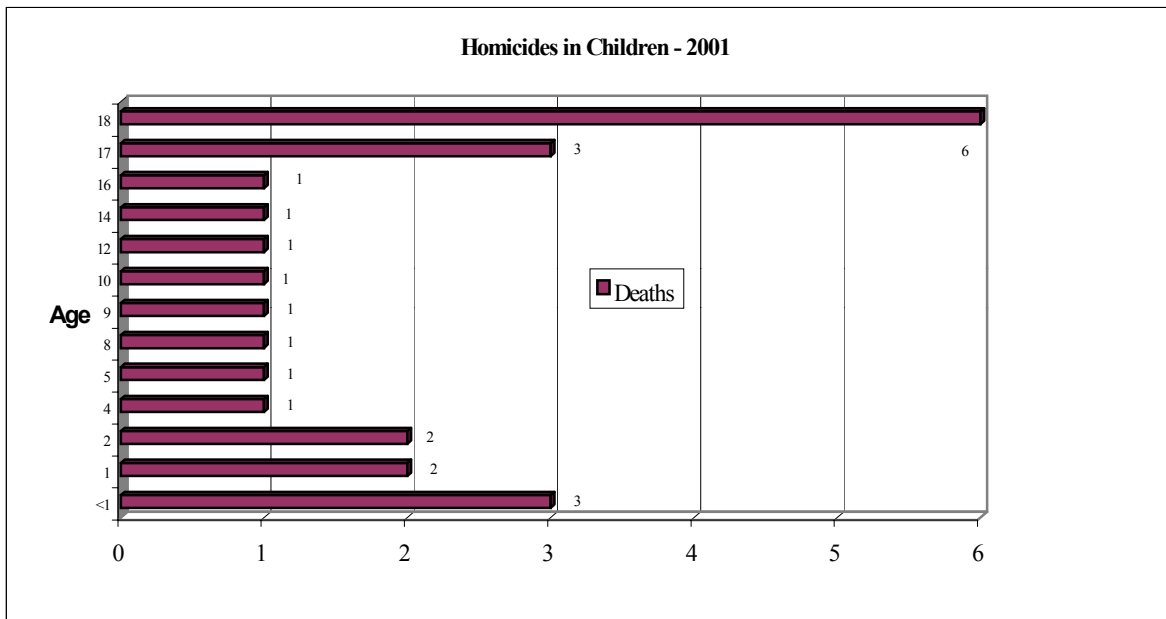
Manner of Death - Homicide

Table 25 – Children – Manner of Death – Homicide

Children* - Homicide Deaths - 2001

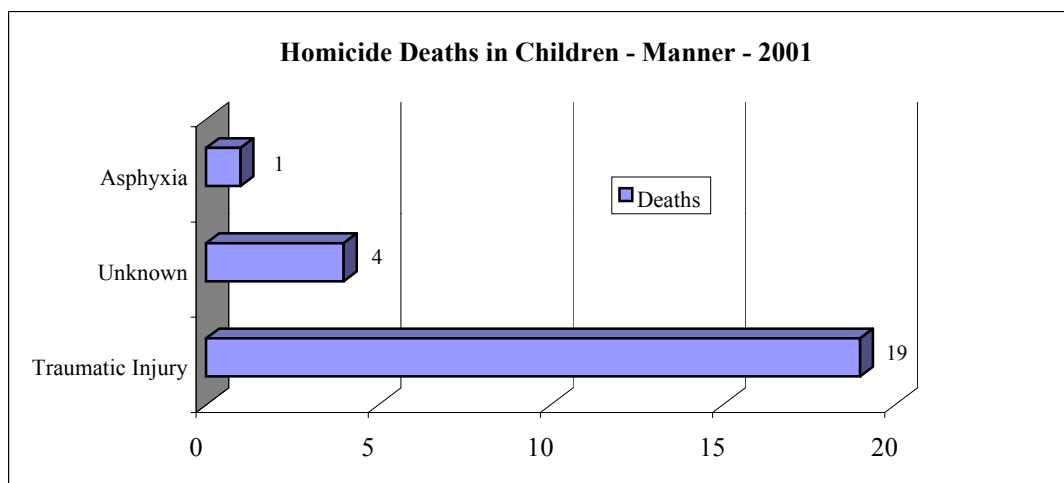
Manner of Death - Homicide	Total Cases	Autopsied	Dictated External	Investigation/Field Examination
Strangled by assailant(s)	1	1	0	0
Beaten by assailant(s)	3	3	0	0
Shot by assailant(s) with firearm	14	14	0	0
Stabbed by assailant(s)	2	2	0	0
Homicide-Other	4	4	0	0
Total	24	24	0	0

Figure 19 – Homicides in Children



* 18 Years of Age and Younger

Figure 20 – Homicides in Children



Manner of Death – Undetermined

Table 26 – Children – Manner of Death – Undetermined

Children* - Undetermined Deaths - 2001

	Total Cases	Autopsied	Dictated External	Investigation/Field Examination
Manner of Death - Undetermined				
Asphyxia/airway obstruction/suffocation	1	1	0	0
Hanged/strangled	1	1	0	0
Blunt trauma/multiple injuries/subdural hematoma	1	1	0	0
Undetermined after autopsy and/or toxicology	15	15	0	0
Total	18	18	0	0

* 18 Years of Age and Younger

Ethanol Related Deaths

Cause of Death

Table 27 – Cause of Death – Ethanol Present in Decedent – Alphabetic Sort

Cause of Death -Presence of Ethanol in Decedent

2001

Alphabetic Sort

	Total Cases	Ethanol \geq 0.005%		
		Yes	No	Not Tested
Natural Deaths				
Acquired Immune Deficiency Syndrome	6	0	1	5
Alzheimers Disease	35	0	0	35
Aneurysm	30	1	5	24
Arthritis	4	0	0	4
Aspiration	3	0	0	3
Asthma	21	1	9	11
Blood disorders	1	0	0	1
Carcinoma	303	0	4	299
Cerebrovascular	96	2	6	88
Chronic Drug Abuse	1	0	1	0
Chronic Obstructive Pulmonary Disease	135	1	14	120
Congenital Defect	26	0	2	24
Dehydration	2	0	1	1
Diabetes	42	4	12	26
Emboli	37	2	23	12
Emphysema	26	1	2	23
Epilepsy	23	3	17	3
Ethanolism	100	41	40	19
Gallbladder	1	0	1	0
Gastrointestinal Hemorrhage	62	7	17	38
Heart Disease	1585	68	307	1210
Hepatic failure	52	1	10	41
History of Illness or Injury	3	0	2	1
Hodgkin's disease	1	0	0	1
Hypertension	111	17	38	56
Intrauterine Fetal Death	31	0	3	28
Leukemia	9	0	0	9
Malnutrition	4	0	0	4
Maternal and Fetal Complications of Birth	5	0	0	5
Medical Treatment	6	0	0	6
Meningitis	4	0	2	2
Multiple Organ Failure	4	0	0	4
Natural- Other	116	4	24	88
Obesity	7	2	4	1
Obstruction (blockage)	4	1	0	3
Pancreas	4	0	1	3

-Continued on the Next Page

**Cause of Death -Presence of Ethanol in Decedent - Cont
 2001**

Alphabetic Sort

	Total Cases	Ethanol \geq 0.005%		
		Yes	No	Not Tested
Natural Deaths				
Parkinson's disease	18	0	0	18
Pathologic Injuries	2	0	1	1
Pneumonia	160	5	47	108
Prematurity	24	0	1	23
Presumably natural disease	1	0	1	0
Pulmonary Edema	3	0	2	1
Renal Failure	50	2	3	45
Respiratory Distress Syndrome	22	0	3	19
Sepsis	74	3	11	60
Spontaneous Hemorrhage	19	0	6	13
Sudden Infant Death Syndrome	14	0	14	0
Subtotal	3287	166	635	2486
Unnatural Deaths				
Asphyxia	56	22	29	5
Aspiration	8	1	1	6
Carbon Monoxide Intoxication	35	17	14	4
Child abuse	2	0	2	0
Drowning	22	14	6	2
Electrocution	5	0	5	0
Ethanol (alcohol) Intoxication	6	6	0	0
Exposure	24	16	5	3
Exsanguination	6	1	4	1
Gunshot Wound	286	117	162	7
Hanging	79	35	41	3
Head and Neck Injuries	245	73	113	59
Insanguination	1	0	1	0
Multiple Injuries	493	179	193	121
Narcotic Abuse	1	0	1	0
Stab Wound	25	17	7	1
Subdural Hematoma	13	1	2	10
Substance Intoxication	271	107	154	10
Thermal Injuries (burns)	7	1	3	3
Unnatural-Other	9	1	4	4
Subtotal	1594	608	747	239
Other				
Skeletal/Mummified Remains	26	11	2	13
Undetermined-	20	2	4	14
Undetermined After Autopsy and/or Investigation	19	3	14	2
Skeletal Remains- Ancient	1	0	0	1
Subtotal	66	16	20	30
Total	4947	790	1402	2755

Table 28 - Cause of Death – Ethanol Present in Decedent – Numeric Sort

Cause of Death - Presence of Ethanol in Decedent - 2001

By Highest Value

	Total Cases	Ethanol \geq 0.005%		
		Yes	No	Not Tested
Natural Deaths				
Heart Disease	1,585	68	307	1,210
Carcinoma	303	0	4	299
Pneumonia	160	5	47	108
Chronic Obstructive Pulmonary Disease	135	1	14	120
Natural- Other	117	4	25	88
Hypertension	111	17	38	56
Ethanolism	100	41	40	19
Cerebrovascular	96	2	6	88
Sepsis	74	3	11	60
Gastrointestinal Hemorrhage	62	7	17	38
Hepatic failure	52	1	10	41
Renal Failure	50	2	3	45
Diabetes	42	4	12	26
Emboli	37	2	23	12
Alzheimers Disease	35	0	0	35
Intrauterine Fetal Death	32	0	3	29
Aneurysm	30	1	5	24
Congenital Defect	26	0	2	24
Emphysema	26	1	2	23
Prematurity	24	0	1	23
Epilepsy	23	3	17	3
Respiratory Distress Syndrome	22	0	3	19
Asthma	21	1	9	11
Spontaneous Hemorrhage	19	0	6	13
Parkinson's disease	18	0	0	18
Sudden Infant Death Syndrome	14	0	14	0
Leukemia	9	0	0	9
Medical Treatment	8	0	0	8
Obesity	7	2	4	1
Acquired Immune Deficiency Syndrome	6	0	1	5
Maternal and Fetal Complications of Birth	5	0	0	5
Arthritis	4	0	0	4
Malnutrition	4	0	0	4
Meningitis	4	0	2	2
Multiple Organ Failure	4	0	0	4
Obstruction (blockage)	4	1	0	3
Pancreas	4	0	1	3
Aspiration	3	0	0	3
History of Illness or Injury	3	0	2	1
Pulmonary Edema	3	0	2	1

-Continued on the Next Page

Cause of Death - Presence of Ethanol in Decedent - Cont
2001

By Highest Value

	Total Cases	Ethanol \geq 0.005%		
		Yes	No	Not Tested
Natural Deaths				
Dehydration	2	0	1	1
Pathologic Injuries	2	0	1	1
Blood disorders	1	0	0	1
Chronic Drug Abuse	1	0	1	0
Gallbladder	1	0	1	0
Hodgkin's disease	1	0	0	1
Presumably natural disease	1	0	1	0
Subtotal	3,287	166	635	2,486
Unnatural Deaths				
Multiple Injuries	493	179	193	121
Gunshot Wound	286	117	162	7
Substance Intoxication	271	107	154	10
Head and Neck Injuries	245	73	113	59
Hanging	79	35	41	3
Asphyxia	56	22	29	5
Carbon Monoxide Intoxication	35	17	14	4
Stab Wound	25	17	7	1
Exposure	24	16	5	3
Drowning	22	14	6	2
Subdural Hematoma	13	1	2	10
Unnatural-Other	9	1	4	4
Aspiration	8	1	1	6
Thermal Injuries (burns)	7	1	3	3
Ethanol (alcohol) Intoxication	6	6	0	0
Exsanguination	6	1	4	1
Electrocution	5	0	5	0
Child abuse	2	0	2	0
Insanguination	1	0	1	0
Narcotic Abuse	1	0	1	0
Subtotal	1,594	608	747	239
Other				
Skeletal/Mummified Remains	26	11	2	13
Undetermined-	20	2	4	14
Undetermined After Autopsy and/or Investigation	19	3	14	2
Skeletal Remains- Ancient	1	0	0	1
Subtotal	66	16	20	30
Total	4,947	790	1,402	2,755

Manner of Death – Accidental Deaths

Table 29 - Accidental Deaths – Ethanol Present in Decedent – Alphabetic Sort

Accidental Deaths - Presence of Ethanol in Decedent - 2001

	Alphabetic Sort			
	Total	Ethanol >= 0.005%		
		Yes	No	Not Tested
Accidental Deaths				
Aircraft				
Passenger in aircraft crash	5	0	4	1
Pilot of aircraft crash	6	3	3	0
Animal Related				
Animal Related	6	1	2	3
Asphyxia				
Accidental ligature strangulation	4	2	1	1
Choked on foreign object	14	3	3	8
Crushed/suffocated	6	1	4	1
Drowned (non-recreational water accidents)	11	8	2	1
Drowned while swimming (recreational and rescue attempts)	5	3	2	0
Cyclist				
Cyclist non-motor vehicle accident	2	0	1	1
Drug Use				
Ingested alcohol (ethanol)	11	11	0	0
Ingested and/or injected illicit drug(s)	148	65	77	6
Ingested and/or injected prescription medications	69	11	54	4
Electrical				
Contacted electrical current	3	0	3	0
Struck by lightning	2	0	2	0
Exposure				
Exposed to cold, heat	23	15	7	1
Fall				
Fall from height	55	7	13	35
Fall from standing height	175	6	10	159
Fire				
Scalded by hot water, hot oil, other agent	1	0	0	1
Victim of explosion	2	0	1	1
Victim of fire	10	5	2	3
Machinery				
Farm or Industrial machinery accident	9	0	9	0
Medical treatment				
Medical treatment	1	0	1	0

-Continued on the Next Page

Accidental Deaths - Presence of Ethanol in Decedent - 2001 Cont.

	Alphabetic Sort			
	Total	Ethanol \geq 0.005%		
		Yes	No	Not Tested
Accidental Deaths				
Motor Vehicle				
Cyclist struck by motor vehicle type	6	1	4	1
Driver of auto in collision with fixed object	21	6	9	6
Driver of auto in collision with other motor vehicle	85	23	53	9
Driver of auto that left roadway	62	31	25	6
Driver of motor vehicle struck by train	2	1	1	0
Driver of motorcycle left roadway	19	7	11	1
Driver of motorcycle in collision with other motor vehicle type	14	2	11	1
Driver of pickup in collision with fixed object	3	0	2	1
Driver of pickup in collision with motor vehicle type	13	2	8	3
Driver of pickup that left roadway	34	24	7	3
Driver of truck in collision with other fixed object	2	0	2	0
Driver of truck in collision with other motor vehicle type	3	1	2	0
Driver of truck that left roadway	13	4	7	2
Motor vehicle accident, etiology unknown	1	0	0	1
Passenger in auto in collision with fixed object	16	7	6	3
Passenger in auto in collision with other motor vehicle type	42	8	19	15
Passenger in auto that left roadway	62	18	33	11
Passenger in motor vehicle struck by train	2	1	0	1
Passenger in pickup in collision with fixed object	2	1	1	0
Passenger in pickup in collision with motor vehicle type	8	2	5	1
Passenger in pickup that left roadway	18	13	3	2
Passenger in truck in collision with other motor vehicle type	1	1	0	0
Passenger in truck in collision with other fixed object	1	1	0	0
Passenger in truck that left roadway	4	0	4	0
Passenger on motorcycle in collision with other motor vehicle type	3	0	2	1
Passenger on motorcycle left roadway	2	0	2	0
Passenger who fell from moving motor vehicle	1	0	0	1
Pedestrian struck by motor vehicle	89	51	29	9
Pedestrian				
Pedestrian struck by non-motor vehicle	2	2	0	0
Poisoned				
Inhaled toxic agent accidentally	2	0	1	1
Inhaled toxic substances to achieve intoxication	5	2	2	1
Poisoned	1	1	0	0
Traumatic Injury				
Accidental discharge of firearm	5	1	4	0
Cut self	1	0	1	0
Struck by moving object	1	0	1	0
Unknown				
Accident-Unknown	47	11	23	13
Total	1,161	363	479	319

Table 30 – Accidental Deaths – Ethanol Present in Decedent – Numeric Sort

Accidental Deaths - Presence of Ethanol in Decedent -2001

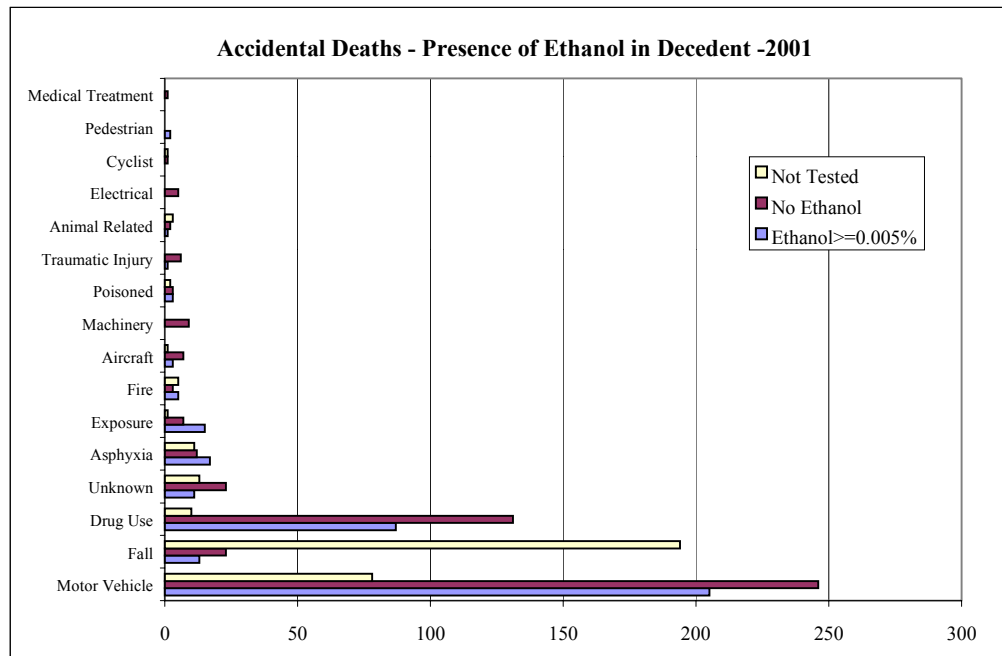
Accidental Deaths	Total	Ethanol $\geq 0.005\%$		
		Yes	No	Not Tested
Fall from standing height	175	6	10	159
Ingested and/or injected illicit drug(s)	148	65	77	6
Pedestrian struck by motor vehicle	89	51	29	9
Driver of auto in collision with other motor vehicle	85	23	53	9
Ingested and/or injected prescription medications	69	11	54	4
Driver of auto that left roadway	62	31	25	6
Passenger in auto that left roadway	62	18	33	11
Fall from height	55	7	13	35
Accident-Unknown	47	11	23	13
Passenger in auto in collision with other motor vehicle type	42	8	19	15
Driver of pickup that left roadway	34	24	7	3
Exposed to cold, heat	23	15	7	1
Driver of auto in collision with fixed object	21	6	9	6
Driver of motorcycle left roadway	19	7	11	1
Passenger in pickup that left roadway	18	13	3	2
Passenger in auto in collision with fixed object	16	7	6	3
Choked on foreign object	14	3	3	8
Driver of motorcycle in collision with other motor vehicle type	14	2	11	1
Driver of pickup in collision with motor vehicle type	13	2	8	3
Driver of truck that left roadway	13	4	7	2
Drowned (non-recreational water accidents)	11	8	2	1
Ingested alcohol (ethanol)	11	11	0	0
Victim of fire	10	5	2	3
Farm or Industrial machinery accident	9	0	9	0
Passenger in pickup in collision with motor vehicle type	8	2	5	1
Animal related (bitten, kicked, trampled)	6	1	2	3
Crushed/suffocated	6	1	4	1
Cyclist struck by motor vehicle type	6	1	4	1
Pilot of aircraft crash	6	3	3	0
Accidental discharge of firearm	5	1	4	0
Drowned while swimming (recreational and rescue attempts)	5	3	2	0
Inhaled toxic substances to achieve intoxication	5	2	2	1
Passenger in aircraft crash	5	0	4	1
Accidental ligature strangulation	4	2	1	1
Passenger in truck that left roadway	4	0	4	0
Contacted electrical current	3	0	3	0

-Continued on the Next Page

Accidental Deaths - Presence of Ethanol in Decedent -2001 Cont.

Accidental Deaths	Total	By Highest Value		
		Ethanol >=0.005%		
		Yes	No	Not Tested
Contacted electrical current	3	0	3	0
Driver of pickup in collision with fixed object	3	0	2	1
Driver of truck in collision with other motor vehicle type	3	1	2	0
Passenger on motorcycle in collision with other motor vehicle type	3	0	2	1
Cyclist non-motor vehicle accident	2	0	1	1
Driver of motor vehicle struck by train	2	1	1	0
Driver of truck in collision with other fixed object	2	0	2	0
Inhaled toxic agent accidentally	2	0	1	1
Passenger in motor vehicle struck by train	2	1	0	1
Passenger in pickup in collision with fixed object	2	1	1	0
Passenger on motorcycle left roadway	2	0	2	0
Pedestrian struck by non-motor vehicle	2	2	0	0
Struck by lightning	2	0	2	0
Victim of explosion	2	0	1	1
Cut self	1	0	1	0
Medical treatment	1	0	1	0
Motor vehicle accident, etiology unknown	1	0	0	1
Passenger in truck in collision with other fixed object	1	1	0	0
Passenger who fell from moving motor vehicle	1	0	0	1
Poisoned	1	1	0	0
Scalded by hot water, hot oil, other agent	1	0	0	1
Struck by moving object	1	0	1	0
Total	1,161	363	479	319

Figure 21 – Accidental Deaths – Ethanol Present in Decedent



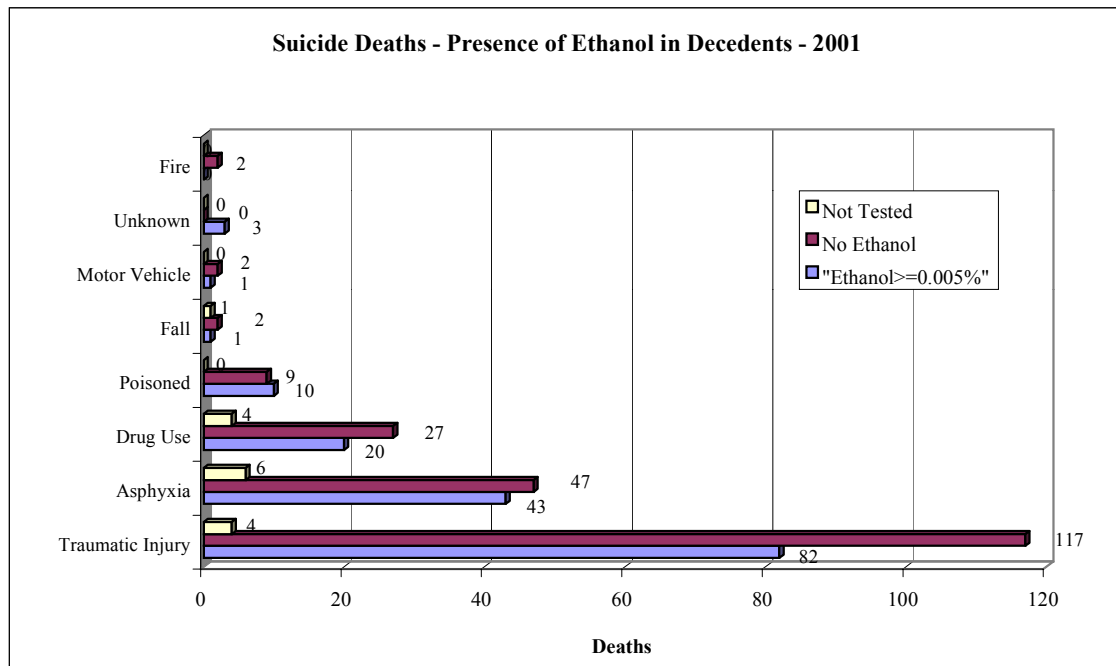
Manner of Death - Suicide

Table 31 – Suicide Deaths – Ethanol Present in Decedent

**Suicide Deaths - Presence of Ethanol in Decedent
 2001**

Circumstances	By Highest Value			
	Total	Ethanol $\geq 0.005\%$		
Suicide Deaths		Yes	No	Not Tested
Shot self with firearm	198	79	115	4
Hanged self	79	35	40	4
Ingested or injected medication	46	18	25	3
Inhaled toxic agent	19	10	9	0
Suffocated self	14	6	6	2
Ingested, injected or inhaled non-prescription medication	5	2	2	1
Jumped from height	4	1	2	1
Cut/Slashed self	4	2	2	0
Drowned self	3	2	1	0
Suicide-Other	3	3	0	0
Burned self	2	0	2	0
Suicide as pedestrian	2	0	2	0
Driver of motor vehicle	1	1	0	0
Stabbed self	1	1	0	0
Total	381	160	206	15

Figure 22 – Suicide Deaths – Ethanol Present in Decedent



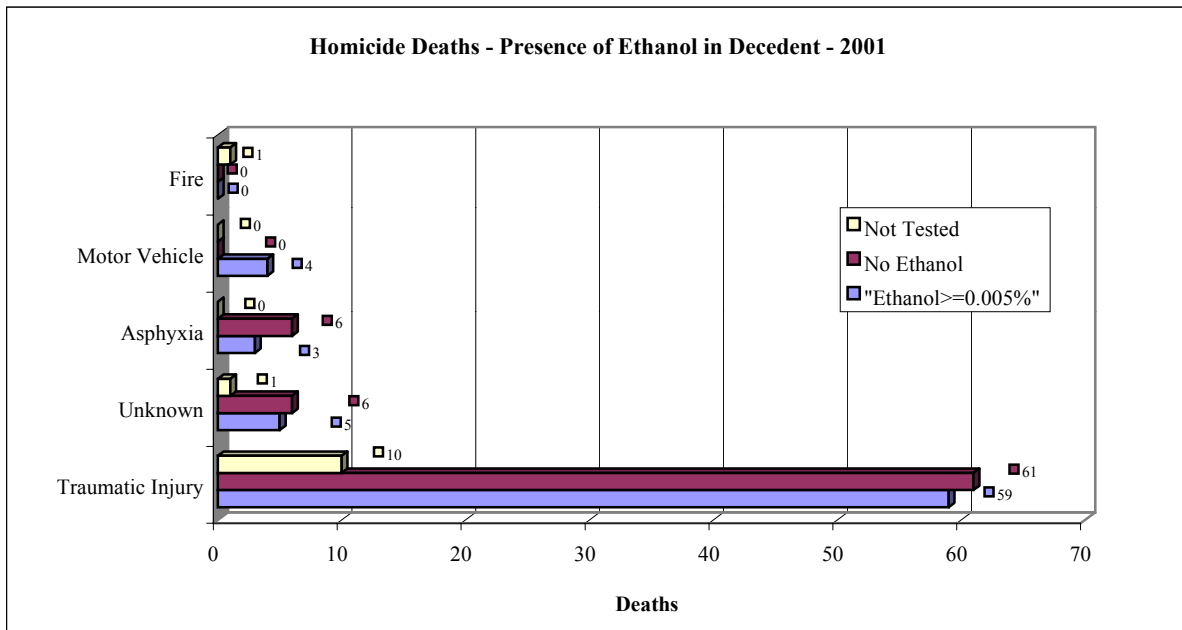
Manner of Death - Homicide

Table 32 – Homicide Deaths – Ethanol Present in Decedent

Homicide Deaths - Presence of Ethanol in Decedent - 2001

Homicide Deaths	Total	Ethanol $\geq 0.005\%$		
		Yes	No	Not Tested
Shot by assailant(s) with firearm	79	32	43	4
Beaten by assailant(s)	26	11	11	4
Stabbed by assailant(s)	24	16	6	2
Homicide-Other	12	5	6	1
Strangled by assailant(s)	9	3	6	0
Struck with auto by assailant(s)	4	4	0	0
Victim of intentionally set fire	1	0	0	1
Ingested/injected/inhaled drugs/poisons	1	0	1	0
Assaulted (unknown)	1	0	1	0
Total	157	71	74	12

Figure 23 – Homicide Deaths – Ethanol Present in Decedent



Manner of Death - Undetermined

Table 33 – Undetermined Deaths – Ethanol Present in Decedent

**Undetermined Deaths - Presence of Ethanol in Decedent
2001**

Undetermined Deaths	Total	Ethanol \geq0.005%		
		Yes	No	Not Tested
Unknown	78	26	33	19
Other	11	0	0	11
Drug Use	10	6	4	0
Traumatic Injury	9	5	4	0
Asphyxia	2	0	2	0
Fire	1	1	0	0
Uncoded	1	0	0	1
Total	112	38	43	31

Motor Vehicle Related Deaths

Table 34 – Deaths Related to Motor Vehicles – Ethanol Present in Decedent

**Deaths Related to Motor Vehicles - Presence of Ethanol in Decedent
 2001**

Circumstances	Ethanol $\geq 0.005\%$			Total
	Yes	No	Not Tested	
Motor Vehicle Driver	93	116	30	239
Motor Vehicle Passenger	52	71	34	157
Pedestrian Hit by Motor Vehicle	55	31	9	95
Motorcycle Driver	9	22	2	33
Motorcycle Passenger	0	4	1	5
Total	209	244	76	529

Figure 24 – Deaths Related to Motor Vehicles – Ethanol Present in Decedent

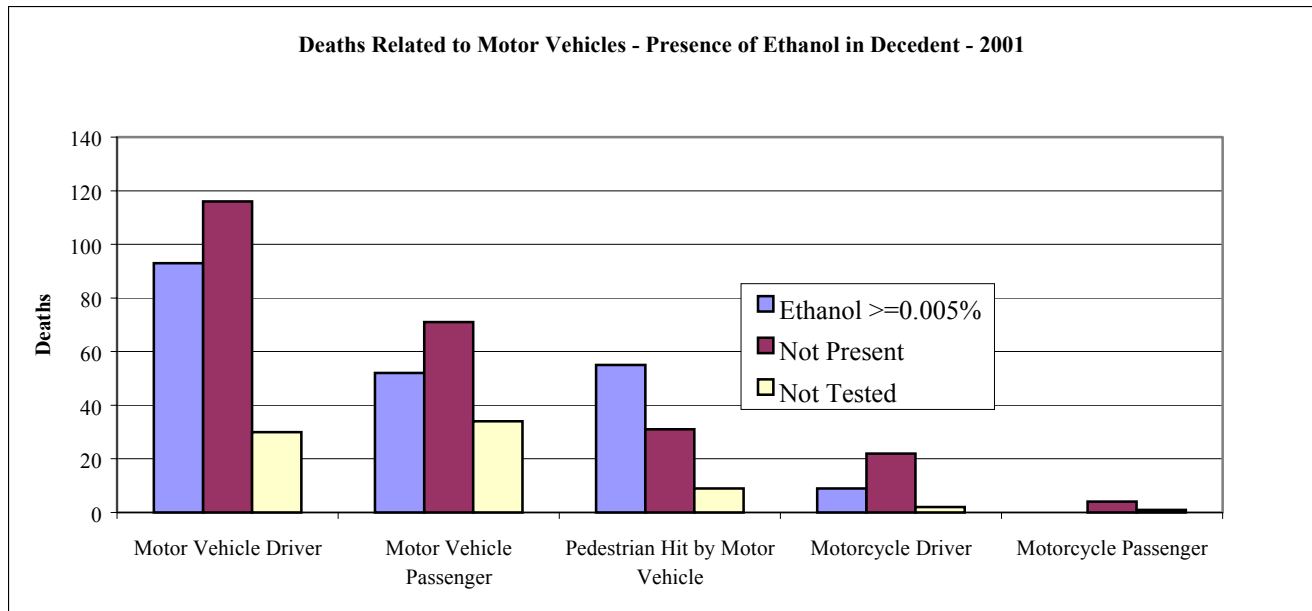


Table 35 – Motor Vehicle – Ethanol Present in Decedent- Seat Belt Use

**Deaths Related to Motor Vehicles - Presence of Ethanol in Decedent - Seat Belt Use
 2001**

Circumstance	Ethanol \geq 0.005%	Seat Belt Use			Total
		Belt Not in Use	Belt in Use	Unknown	
Motor Vehicle Driver	Yes	48	14	40	102
	No	31	43	64	138
	Not Tested	2	5	25	32
	Subtotal	81	62	129	272
Motor Vehicle Passenger	Yes	32	6	14	52
	No	41	15	19	75
	Not Tested	11	4	20	35
	Subtotal	84	25	53	162
Total		165	87	182	434

Table 36 – Motor Vehicle – Ethanol Present in Decedent – Air Bag Use

**Deaths Related to Motor Vehicles - Presence of Ethanol in Decedent - Air Bag Use
 2001**

Circumstance	Ethanol \geq 0.005%	Air Bag Use			Unknown	Total
		Air Bag Not in Use	Air Bag Inflated	Air Bag Not Installed		
Motor Vehicle Driver	Yes	1	4	0	97	102
	No	0	6	0	132	138
	Not Tested	1	1	0	30	32
	Subtotal	2	11	0	259	272
Motor Vehicle Passenger	Yes	0	0	0	52	52
	No	0	3	0	72	75
	Not Tested	0	2	0	33	35
	Subtotal	0	5	0	157	162
Total		2	16	0	416	434

Drug Caused Deaths

Table 37 – Drug Caused Deaths – Age

Age at Death	Manner of Death					Total
	Natural	Accident	Suicide	Homicide	Undetermined	
10-14	0	1	0	0	0	1
15-19	0	6	1	0	1	8
20-24	0	10	0	0	0	10
25-34	0	36	4	0	3	43
35-44	0	65	12	0	5	82
45-54	0	55	12	1	11	79
55-64	0	10	5	0	0	15
65-74	0	1	6	0	0	7
UNK	0	1	1	0	0	2
Total	0	185	41	1	20	247

Figure 25 – Drug Caused Deaths – Manner of Deaths

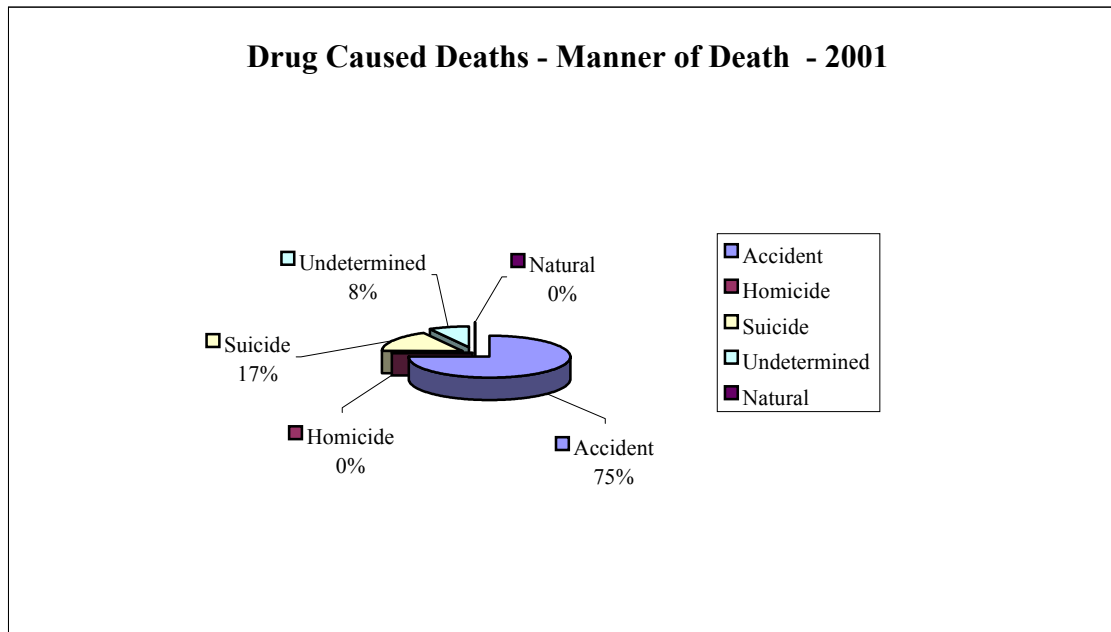


Table 38 – Drug Caused Deaths – County of Residence

Drug Caused Deaths - County of Residence - 2001

County of Residence	Deaths
Bernalillo	106
Catron	0
Chaves	6
Cibola	2
Colfax	1
Curry	0
DeBaca	0
Dona Ana	14
Eddy	7
Grant	1
Guadalupe	1
Harding	0
Hidalgo	0
Lea	2
Lincoln	3
Los Alamos	2
Luna	1
McKinley	1
Mora	0
Otero	4
Quay	1
Rio Arriba	13
Roosevelt	1
San Juan	6
San Miguel	4
Sandoval	7
Santa Fe	28
Sierra	3
Socorro	1
Taos	3
Torrence	5
Union	0
Valencia	11
Non Resident	13
Total	247

Table 39 – Drug/Physiologically Active Compounds Present in Decedent

Drug/Physiologically Active Compounds Present in Decedent - 2001

Drug/Compound	Total
ALCOHOL	
ETHANOL	46
ALCOHOL Total	46
ANALGESIC	
ACETAMINOPHEN (Tylenol)	10
DEXTROMETHORPHAN	1
SALICYLATE (Aspirin,Empirin)	3
TRAMADOL (Ultram)	1
AMINOPYRINE (Dipyrone)	1
IBUPROFEN (Motrin)	1
ANALGESIC Total	17
ANTI-ARRYTHMIC/ANTI-HYPERTENSIVE	
PROPANOLOL (Inderal)	1
MECLIZINE (Antivert)	1
ANTI-ARRYTHMIC/ANTI-HYPERTENSIVE Total	2
ANTICONVULSANT	
DIPHENYLHYDANTOIN (Dilantin, Phenytoin)	1
GABAPENTIN	1
PRIMIDONE (Mysoline)	1
ANTICONVULSANT Total	3
ANTI-DEPRESSANT	
AMITRIPTYLINE (Elavil)	22
BUPROPION (Wellbutrin)	1
DESIPRAMINE (Norpramine)	2
DOXEPIN (Adapin, Sinequan)	1
IMIPRAMINE (Tofranil)	3
NORTRIPTYLINE (Amitriptyline Metabolite)	3
PAROXETINE (Paxil)	7
SERTRALINE (Zoloft)	5
TRAZODONE (Desyrel)	4
VENLAFAXINE (Effexor)	1
CITALOPRAM	2
OLANZAPINE	5
DESMETHYLSERTRALINE (Sertraline Metabolite)	1
ANTI-DEPRESSANT Total	57

Drug/Physiologically Active Compounds Present in Decedent - 2001 Cont.

BARBITURATE

BARBITURATES	1
BUTALBITAL (Fiorinal)	2
PHENOBARBITAL	8
PENTOBARBITAL (Nembutal)	1
SECOBARBITAL (Seconal, Tuinal)	1
THIOPENTAL (Pentothal)	1
BARBITURATE Total	14

CANNABINOID

CANNABINOIDS (Marijuana, THC)	3
CANNABINOID Total	3

MAJOR TRANQUILIZER

CLONAZEPAM (Clonopin)	1
HYDROXYZINE (Vistaril)	2
QUETIAPINE (SEROQUEL)	1
MAJOR TRANQUILIZER Total	4

MINOR TRANQUILIZER

ALPRAZOLAM (Xanax)	12
BENZODIAZEPINES	3
CARISOPRODOL (Soma)	5
CHLORDIAZEPOXIDE (Librium)	1
DIAZEPAM (Valium)	16
DIPHENHYDRAMINE (Benadryl, Sominex)	9
FLUOXETINE (Prozac)	10
LORAZEPAM (Ativan)	1
NORDIAZEPAM (Diazepam Metabolite)	4
MEPROBAMATE (Miltown)	1
TEMAZEPAM (Restoril)	5
ZOLPIDEM TARTRATE (Ambien)	3
MINOR TRANQUILIZER Total	70

NARCOTIC

6-Monoacetylmorphine (Heroin metabolite)	3
CODEINE	8
FENTANYL (Sublimaze)	2
HEROIN	11
HYDROCODONE (Hyphen, Hycodaphen, Tussionex)	11
MEPERIDINE (Demerol)	2
METHADONE	27
MORPHINE	81
OPIATES	9
OXYCODONE (Percodan, Percocet)	20
PROPOXYPHENE (Darvon, Darvocet)	16
Morphine (Codeine Metabolite)	2
Morphine (Heroin Metabolite)	1
NARCOTIC Total	193

Drug/Physiologically Active Compounds Present in Decedent- 2001 Cont.

OTHER

ETHYLENE GLYCOL (Anti-freeze)	1
BENZTROPINE (Cogentin)	1
QUININE	1
TRIMETHOPRIN (Bactrin)	1
OTHER Total	4

SEDATIVE

CYCLOBENZOPRINE (Flexeril)	4
SEDATIVE Total	4

STIMULANT

AMPHETAMINE	2
BENZOYLECGONINE (Cocaine Metabolite)	4
COCAINE	68
METHAMPHETAMINE	10
STIMULANTS	1
PSEUDOEPHEDRINE	1
EPHEDRINE	1
STIMULANT Total	87

VOLATILE ORGANIC

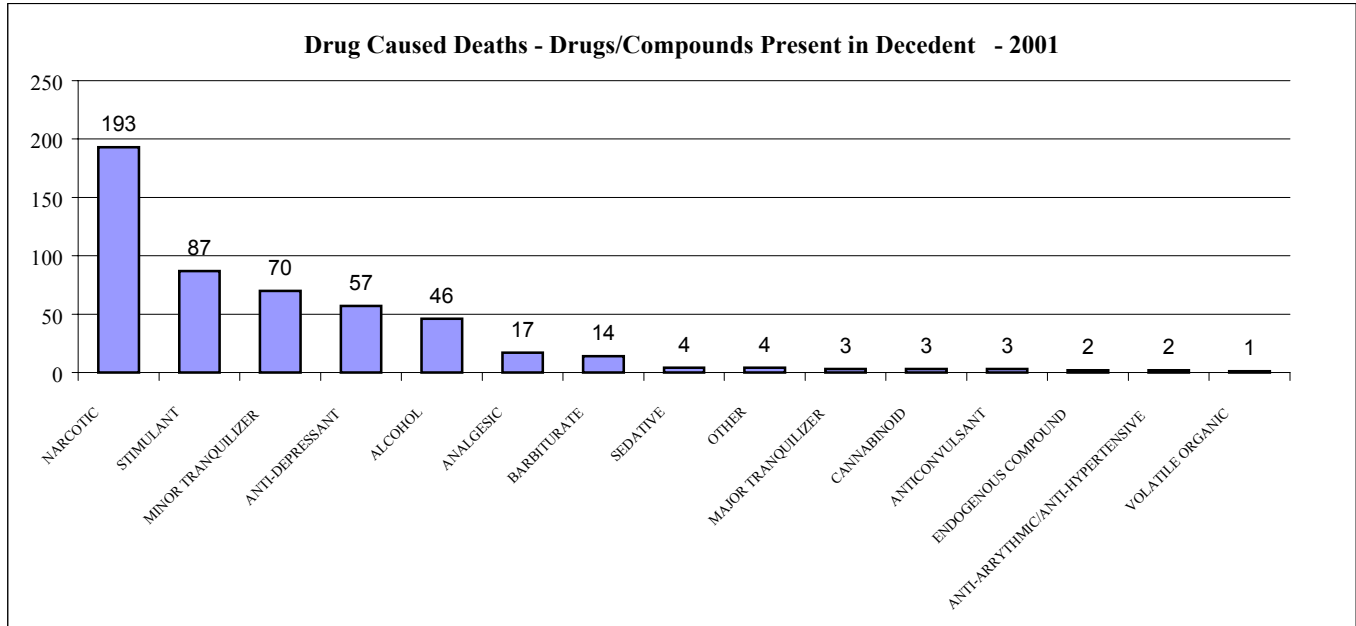
DIMETHYLBUTANE	1
VOLATILE ORGANIC Total	1

ENDOGENOUS COMPOUND

INSULIN	2
ENDOGENOUS COMPOUND Total	2

Total **507**

Figure 26 – Drug Caused Deaths – Drug/Compounds Present in Decedent



Cause of Death

Table 40 – Drug Caused Deaths – Cause of Death

Drug Caused Deaths - Cause of Death - 2001

Cause of Death	Deaths
<i>Natural Deaths</i>	
Pneumonia	1
Asthma	1
<i>Subtotal</i>	2
<i>Unatural Deaths</i>	
Asphyxia	1
Drowning	1
Ethanol (alcohol) Intoxication	2
Substance Intoxication	238
Exposure	1
Exsanguination	1
Head and Neck Injuries	1
<i>Subtotal</i>	245
Total	247

Table 41 – Drug Caused Deaths – Cause of Death – Natural – Drug/Compound Present in Decedent

**Drug Caused Deaths -Cause of Death - Natural - 2001
 Drugs/Compounds Present in Decedent**

Cause of Death	Drug/Compound Category				Total
	NARCOTIC	STIMULANT	0	0	
Asthma	0	1	0	0	1
Pneumonia	1	0	0	0	1
Total	1	1	0	0	2
Total Drugs/Compounds					2

Table 42 – Drug Caused Deaths – Cause of Death – Unnatural – Drug/Compound Present in Decedent

**Drug Caused Deaths -Cause of Death - Unnatural - 2001
 Drugs/Compounds Present in Decedent**

<i>Cause of Death</i>	<i>Drug Category</i>				<i>Total</i>
	ALCOHOL	ANALGESIC	ANTI- ARRHYTHMIC/ANTI- HYPERTENSIVE	ANTICONVULSANT	
Asphyxia	0	0	0	0	0
Drowning	0	0	0	0	0
Ethanol (alcohol) Intoxication	0	1	0	0	1
Exposure	0	0	0	0	0
Exsanguination	0	0	0	0	0
Head and Neck Injuries	0	0	0	0	0
Substance Intoxication	46	16	2	3	67
Total	46	17	2	3	68

<i>Cause of Death</i>	<i>Drug Category</i>				<i>Total</i>
	ANTI-DEPRESSANT	BARBITURATE	CANNABINOID	ENDOGENOUS COMPOUND	
Asphyxia	1	0	0	0	1
Drowning	0	0	0	0	0
Ethanol (alcohol) Intoxication	1	0	0	0	1
Exposure	0	0	0	0	0
Exsanguination	0	0	0	0	0
Head and Neck Injuries	0	0	0	0	0
Substance Intoxication	55	14	3	2	74
Total	57	14	3	2	76

<i>Cause of Death</i>	<i>Drug Category</i>				<i>Total</i>
	MAJOR TRANQUILIZER	MINOR TRANQUILIZER	NARCOTIC	OTHER	
Asphyxia	0	1	0	0	1
Drowning	0	0	1	0	1
Ethanol (alcohol) Intoxication	0	0	4	0	4
Exposure	0	0	0	0	0
Exsanguination	0	0	0	0	0
Head and Neck Injuries	0	0	0	0	0
Substance Intoxication	4	69	187	4	264
Total	4	70	192	4	270

<i>Cause of Death</i>	<i>Drug Category</i>			<i>Total</i>
	SEDATIVE	STIMULANT	VOLATILE ORGANIC	
Asphyxia	0	0	0	0
Drowning	0	1	0	1
Ethanol (alcohol) Intoxication	0	1	0	1
Exposure	0	1	0	1
Exsanguination	0	1	0	1
Head and Neck Injuries	0	1	0	1
Substance Intoxication	4	81	1	85
Total	4	86	1	91

Total Drugs/Compounds	505
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Manner of Death

Table 43 – Drug Caused Deaths – Manner of Death

Drug Caused Deaths - Manner of Death - 2001	
Manner of Death	
Accident	Deaths
Ingested alcohol (ethanol)	1
Ingested and/or injected prescription medications	58
Ingested and/or injected illicit drug(s)	125
Inhaled toxic substances to achieve intoxication	1
Subtotal	185
Suicide	Deaths
Ingested or injected medication	39
Ingested, injected or inhaled non-prescription medication	1
Suffocated self	1
Subtotal	41
Undetermined	Deaths
Ingested/injected medication	4
Ingested/injected/inhaled illicit drug or volatile	4
Narcotic abuse	2
Undetermined after autopsy and/or toxicology	7
Blunt trauma/multiple injuries/subdural hematoma	1
Skeletal, mummified or decomposed remains	2
Subtotal	20
Total	247

Manner of Death – Accidental Deaths

Table 44 – Drug Caused Deaths – Manner of Death – Accident – Drug/Compounds Present in Decedent

**Drug Caused Deaths - Manner of Death -Accident - 2001
 Drugs/Compounds Present in Decedent**

<i>Manner of Death</i>	<i>Drug Category</i>			
	ALCOHOL	ANALGESIC	ANTICONSULSANT	ANTI-DEPRESSANT
Drug Use	38	7	2	34
Poisoned	1	0	0	0
Total	39	7	2	34

<i>Manner of Death</i>	<i>Drug Category</i>			
	BARBITURATE	CANNABINOID	MAJOR TRANQUILIZER	MINOR TRANQUILIZER
Drug Use	7	3	3	47
Poisoned	0	0	0	0
Total	7	3	3	47

<i>Manner of Death</i>	<i>Drug Category</i>			
	NARCOTIC	OTHER	SEDATIVE	STIMULANT
Drug Use	166	1	2	77
Poisoned	0	0	0	0
Total	166	1	2	77

<i>Manner of Death</i>	<i>Drug Category</i>
	VOLATILE ORGANIC
Drug Use	1
Poisoned	0
Total	1

Total Drug/Compounds	389
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Manner of Death - Suicide

Table 45 - Drug Caused Deaths – Manner of Death – Suicide – Drug/Compounds Present in Decedent

**Drug Caused Deaths - Manner of Death - Suicide - 2001
 Drugs/Compounds Present in Decedent**

<i>Manner of Death</i>	<i>Drug Category</i>			
	ALCOHOL	ANALGESIC	ANTI-ARRHYTHMIC/ANTI-HYPERTENSIVE	ANTICONVULSANT
Asphyxia	0	0	0	0
Drug Use	3	8	2	1
Total	3	8	2	1

<i>Manner of Death</i>	<i>Drug Category</i>			
	ANTI-DEPRESSANT	BARBITURATE	ENDOGENOUS COMPOUND	MAJOR TRANQUILIZER
Asphyxia	1	0	0	0
Drug Use	18	5	2	1
Total	19	5	2	1

<i>Manner of Death</i>	<i>Drug Category</i>			
	MINOR TRANQUILIZER	NARCOTIC	OTHER	SEDATIVE
Asphyxia	1	0	0	0
Drug Use	15	14	2	2
Total	16	14	2	2

<i>Manner of Death</i>	<i>Drug Category</i>
	STIMULANT
Asphyxia	0
Drug Use	2
Total	2

Total Drugs/Compounds

77

Manner of Death - Undetermined

**Table 46 - Drug Caused Deaths – Manner of Death – Undetermined –
 Drug/Compounds Present in Decedent**

**Drug Caused Deaths - Cause of Death -Undetermined - 2001
 Drugs/Compounds Present in Decedent**

<i>Manner of Death</i>	<i>Drug Category</i>			
	ALCOHOL	ANALGESIC	ANTI-DEPRESSANT	BARBITURATE
Drug Use	3	0	1	1
Traumatic Injury	0	0	0	0
Unknown	1	2	3	0
Total	4	2	4	1

<i>Manner of Death</i>	<i>Drug Category</i>			
	MINOR TRANQUILIZER	NARCOTIC	STIMULANT	OTHER
Drug Use	3	7	3	1
Traumatic Injury	0	0	1	0
Unknown	3	6	4	0
Total	6	13	8	1

Total Drugs/Compounds **39**

Drug Involved Deaths

Cause of Death

Table 47 – Drug Involved Deaths- Cause of Death
Drug Involved Deaths - Cause of Death - 2001

Cause of Death	Deaths
Natural	
Asthma	1
Chronic Obstructive Pulmonary Disease	1
Emboli	1
Heart Disease	6
Hepatic failure	1
Natural- Other	1
Pneumonia	6
Sepsis	3
Aneurysm	1
Chronic Drug Abuse	1
Spontaneous Hemorrhage	1
Diabetes	2
Emphysema	1
Intrauterine Fetal Death	1
<i>Subtotal</i>	27
Unnatural Deaths	
Asphyxia	5
Carbon Monoxide Intoxication	1
Drowning	1
Exposure	1
Gunshot Wound	10
Hanging	12
Head and Neck Injuries	5
Multiple Injuries	14
Stab Wound	1
Substance Intoxication	27
Thermal Injuries (burns)	1
Unnatural-Other	1
<i>Subtotal</i>	79
Total	106

Manner of Death – Accidental Deaths

Table 48 – Drug Involved Deaths – Manner of Death - Accident

Drug Involved Deaths - Manner of Death - Accident - 2001	
Manner of Death	
<i>Accident</i>	Deaths
Asphyxia	
Accidental ligature strangulation	1
Choked on foreign object	1
Drug Use	
Ingested and/or injected prescription medications	14
Ingested and/or injected illicit drug(s)	20
Exposure	
Exposed to cold, heat	1
Fall	
Fall from height	1
Fire	
Victim of fire	1
Motor Vehicle	
Cyclist struck by motor vehicle type	1
Driver of auto in collision with fixed object	1
Driver of auto in collision with other motor vehicle	3
Driver of auto that left roadway	1
Driver of motorcycle in collision with other motor vehicle type	1
Driver of pickup that left roadway	2
Driver of truck that left roadway	1
Passenger in auto that left roadway	1
Passenger in pickup that left roadway	2
Passenger in truck that left roadway	1
Pedestrian struck by motor vehicle	2
Driver of truck in collision with other fixed object	1
Passenger in auto in collision with fixed object	1
Traumatic Injury	
Accidental discharge of firearm	1
Unknown	
Accident-Unknown	1
Total	59

Manner of Death - Suicide

Table 49 – Drug Involved Deaths – Manner of Death – Suicide

Drug Involved Deaths - Manner of Death - Suicide - 2001	
Manner of Death	
<i>Suicide</i>	Deaths
Asphyxia	
Hanged self	11
Suffocated self	1
Drug Use	
Ingested or injected medication	6
Poisoned	
Inhaled toxic agent	1
Traumatic Injury Total	
Shot self with firearm	7
Total	26

Manner of Death - Homicide

Table 50 – Drug Involved Deaths – Manner of Death – Homicide

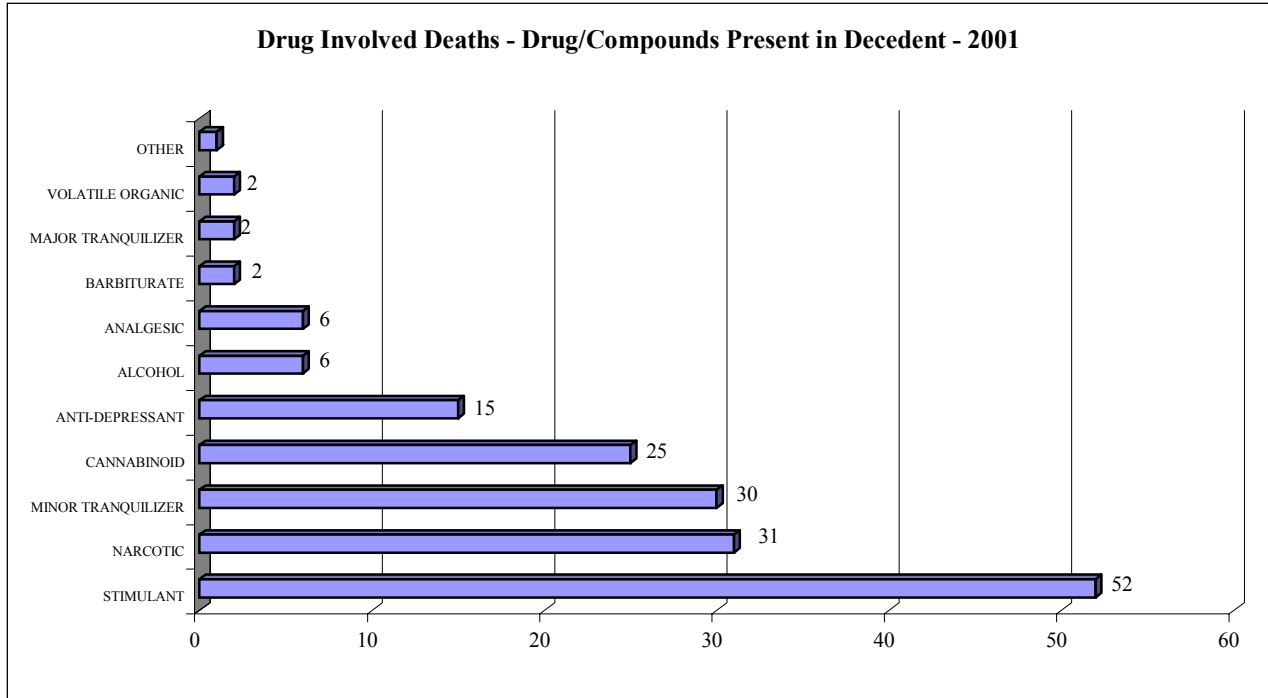
Drug Involved Deaths - Manner of Death - Homicide - 2001	
Manner of Death	
<i>Homicide</i>	Deaths
Asphyxia	
Strangled by assailant(s)	1
Traumatic Injury	
Beaten by assailant(s)	1
Shot by assailant(s) with firearm	2
Stabbed by assailant(s)	1
Total	5

Manner of Death - Undetermined

Table 51 – Drug Involved Deaths – Manner of Death - Undetermined

Table 49. Drug Involved Deaths - Manner of Death - Undetermined -2000	
Manner of Death	
<i>Undetermined</i>	Deaths
Traumatic Injury	
Blunt trauma/multiple injuries/subdural hematoma	2
Unknown	
Skeletal, mummified or decomposed remains	3
Undetermined after autopsy and/or toxicology	6
Total	11

Figure 27 – Drug Involved Deaths – Drug/Compounds Present in Decedent



Glossary

Accident – The *manner of death* used when, in other than *natural deaths*, there is no evidence of intent.

Autopsy - A detailed postmortem external and internal examination of a body to determine cause of death.

Ethanol Present – Deaths in which toxicological tests reveal a reportable level of *ethanol* (0.005% or greater) at the time of death.

Cause of Death – The agent of effect that results in a physiological derangement or biochemical disturbance that is incompatible with life. The results of post-mortem examination, including autopsy and toxicological findings, combined with information about the medical history of the decedent serves to establish the *cause of death*. The same *cause of death* can result from different *circumstances* and *manner of death*. For example, the same cause of death, drowning, can result from the accidental immersion of a child in a swimming pool or from the homicidal immersion of a child in a bathtub.

Children – Individuals 18 years of age or younger.

Circumstances of Death – The situation, setting, or condition present at the time of injury or death.

County of Death – The County where the injury leading to death occurred. The county where the decedent legally resided, the county where the decedent was fatally injured, and the county where the decedent died may be the same or different. For example, a resident of Los Angeles County, California, may be injured in a motor vehicle accident in Apache County, Arizona, and be transported to and die in a regional trauma center in Bernalillo County, New Mexico. See *county of residence*.

County of Residence - the County where a person legally resides. If not a resident of New Mexico, the decedent is listed as “out of state.” We distinguish between *county of residence* and *county of injury*.

Deputy Medical Investigator – An investigator, not necessarily a physician, appointed by the *State Medical Investigator* to assist in the investigation of deaths in the *jurisdiction* of the OMI. There is at least one deputy medical investigator in each county in New Mexico.

Dictated External – A detailed postmortem external examination of a body.

Drug Caused Death – A death caused by a drug or combination of drugs. Deaths caused by *ethanol*, poisons and volatile substances are excluded.

Drug Involved Death – A death in which a drug or combination of drugs is present in the body at the time of death. The drug(s) is not the *cause of death*, but may have contributed to the death. Therapeutic drugs exceeding therapeutic levels are included.

Ethanol – An alcohol, which is the principal intoxicant in liquor, beer, and wine. A person with an alcohol concentration in blood of 0.08 grams percent (0.08g%) is legally intoxicated in New Mexico.

Homicide – The *manner of death* in which death results from the intentional harm of one person by another.

Jurisdiction – The extent of the Office of the Medical Investigator’s authority over deaths. The OMI authority covers reportable deaths that occur in New Mexico, except for those occurring on federal reservations (American Indian and military) and in Veteran’s Administration hospitals. 24-11-5NMSA 1978 and described in the OMI policy manual defines reportable deaths. The OMI may be invited to consult on or investigate cases over which it has no jurisdiction.

Investigation/Field Examination – An investigation and external examination conducted at the scene to determine cause of death.

Manner of Death – The general category of the condition, circumstances, or event, which causes the death. The categories are *natural*, *accident*, *homicide*, *suicide*, and *undetermined*.

Motor Vehicle Accident Related Deaths – An accidental death involving a motor vehicle. Motor vehicles include automobiles, vans, motorcycles, and trucks, but exclude bicycles, tricycles, aircraft and trains. The decedent is usually a driver of, a passenger in, or a pedestrian who is struck by, a motor vehicle. The death of a bicyclist that is struck by a motor vehicle is considered to be a motor vehicle accident related death.

Natural – The *manner of death* used when solely a disease causes death. If death is hastened by an injury, the *manner of death* is not considered natural.

Non-Motor Vehicle Accident – An *accidental death* that does not involve a motor vehicle.

Office of the Medical Investigator – The state agency in New Mexico that is responsible for the investigation of sudden, violent, or untimely deaths. The Office of the Medical Investigator was created by legislation in 1973 to replace the county coroner system (see also *Deputy Medical Investigator*).

Opiate – A class of drugs, including morphine, codeine, and heroin, derived from the opium poppy plant (*Papaver Somniferum*).

Place of Injury – The type of place where the injury leading to death occurred. In this report six categories are used:

Residence – Includes areas in and around dwellings, but excludes long-term care facilities and institutions.

Roadway, Railroad, or Airport – Includes all public areas designed for motorized or powered transportation.

Body of Water – Includes naturally occurring and manmade bodies of water, such as lakes, rivers, ocean, streams, swimming pools; but excludes small containers holding water, such as bathtubs, pails, toilettes.

Building/Developed Area – Includes areas in and around non-residential buildings or structures, and developed outdoor areas, such as city parks, golf courses, ski areas, but excludes undeveloped outdoor areas such as forests or fields.

Undeveloped Land – Includes undeveloped outdoor areas, such as farm fields, forests, rural or natural land, or outdoor areas under construction.

Unknown – Insufficient information is available to classify the place of injury into one of the above categories.

State Medical Investigator – The head of the *Office of the Medical Investigator*. The State Medical Investigator must be a licensed physician licensed in New Mexico and may appoint Assistant Medical Investigators, who must be physicians, and *Deputy Medical Investigators*.

Stimulant – a class of drugs, including cocaine and oral and indictable amphetamines, whose principal action is the stimulation of the central nervous system, Cocaine is an alkaloid derived from the leaves of *Erythroxylon Coca*, a shrub which grows in the Andes Mountains 1000 to 3000 meters above sea level, and can be taken orally, intravenously, or by inhalation.

Suicide – The *manner of death* in which death results from the purposeful attempt to end one's life.

Uncoded – The *cause of death* and *manner of death* are to be determined pending further investigation and/or toxicological, histological and/or neuropathological testing at the time of publication.

Undetermined – The *manner of death* for deaths in which there is insufficient information to assign another manner.