

OFFICE OF THE CHIEF MEDICAL EXAMINER ANNUAL REPORT



**2007
JANUARY 1 – DECEMBER 31
STATE OF OKLAHOMA**

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2007 ANNUAL REPORT
PREPARED BY
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OFFICE OF THE CHIEF MEDICAL EXAMINER
901 N. STONEWALL
OKLAHOMA CITY, OKLAHOMA 73117

FOREWARD

The Office of the Chief Medical Examiner of the State of Oklahoma has the sole responsibility for investigating sudden, violent, unexpected and suspicious deaths. Information gained from these medicolegal investigations is frequently required in the form of evidence and expert testimony in both criminal and civil legal proceedings.

When a death occurs on the job or appears to be work-related, the results of the medicolegal investigation are of direct benefit to the family in order that insurance claims may be appropriately settled. These examinations also help identify potentially unsafe consumer products. The public health function of the medical examiners office is further apparent in the investigation of cases in which poisons or infectious agents are implicated. The identification of such dangerous elements allows the prompt implementation of treatment and preventive measures through coordination with Oklahoma's Public Health Agencies and OSHA.

The staff of the Office of the Chief Medical Examiner recognizes and is sensitive to the personal tragedy surrounding an untimely or violent death. The staff members interrelate daily with families of victims and serve on many community related activities such as the Child Abuse Prevention Taskforce, the Domestic Violence Fatality Review Board and the Child Death Review Board. Medicolegal education is offered to medical, dental, pharmacy, and nursing students, physicians, police officers and lay groups having interest in topics to which the medical examiner relates. Cooperation with other state and federal agencies such as the Oklahoma State Department of Health and the Centers for Disease Control in Atlanta allows information generated by the medical examiner to be utilized in epidemiological surveillance and development of public health programs.

Most importantly, The Office of the Chief Medical Examiner represents a resource of impartial professionals and support staff providing continuous objective medicolegal investigations to the People of Oklahoma.

MEDICAL EXAMINER CASES IN 2007

BRIEF SUMMARY

In 2007, there were 35,371 deaths reported in the State of Oklahoma. Of these, 17,166 were reported to the medical examiner by medical and law enforcement personnel. Based on the analysis of the scene and circumstances of death and the decedent's medical history, the medical examiner assumed jurisdiction in 13,898 of these reported deaths. Of these, 11,010 were investigated because they were going to be cremated, shipped out of state or ultimately made unavailable for pathological study. Throughout the presentation and discussion of data that follows, except where stated, these cases are excluded.

Complete investigation and examination were performed in 4714 cases. Of these, 1599 were selected for autopsy. Autopsies by medical examiner pathologists were not performed in deaths where scene investigation, circumstances, medical history, and external examination of the body provided sufficient information for death certification.

Specific presentation of relevant tables regarding 2007 cases follows this brief summary.

OFFICE OF THE CHIEF MEDICAL EXAMINER STATE OF OKLAHOMA

The Oklahoma Medical Examiner's system came into being in 1961. It was without funding until 1967. The Office of the Chief Medical Examiner of the State of Oklahoma operates under the control of the Board of Medicolegal Investigations through the provisions of the Oklahoma Statutes. The office is directed by the Chief Medical Examiner who is a licensed physician, trained and certified in forensic pathology, the branch of medicine concerned with the investigation of sudden, unexpected, violent or suspicious death. The office provides toxicological and pathological services to aid in the investigation of death defined by law as being subject to public inquiry.

In the State of Oklahoma, the medical examiner is the medical officer charged with the medical aspects of death investigation. These medical examiners are licensed medical and osteopathic physicians in private practice who, as a service to their community and to the state, have consented to serve in this official capacity. The medical examiner is an officer of the state charged with certain statutory powers and duties.

The law requires that all human deaths of the types listed below must be reported to the medical examiner and investigated by him.

1. Violent deaths, whether apparently homicidal, suicidal or accidental including but not limited to deaths due to thermal, chemical, electrical or radiational injury and deaths due to criminal abortions, whether self-induced or not.
2. Deaths under suspicious, unusual or unnatural means.
3. Deaths related to disease which might constitute a threat to public health.
4. Deaths unattended by a licensed medical or osteopathic physician for fatal or potentially fatal illness.
5. Deaths of persons after unexplained coma.
6. Deaths that are medically unexpected and that occur during a therapeutic procedure.
7. Deaths of any inmate occurring in any place of penal incarceration.
8. Deaths of persons whose bodies are to be cremated, buried at sea, transported out of state or otherwise made ultimately unavailable for pathological study.

FAMILY ASSISTANCE

The Office of the Chief Medical Examiner is the sole entity responsible for establishing the cause and manner of death for the State of Oklahoma in types of deaths specifically defined by Oklahoma Statute. Deaths caused by homicide; or those of a suspicious nature, obviously generate a substantial amount of interest from family members, friends, the general public and the media. The State of Oklahoma averages several hundred of these deaths per year.

Relatives and friends of these decedents unfortunately can get lost in the whirlwind chaos of the aftermath of the victim's death. When informed and confronted with their unexpected loss they can be left alone trying to determine what actually occurred and what to do next after a build up of disbelief regarding the death of their loved one or friend.

As a result of several major catastrophes in Oklahoma and the every day experiences of personal tragedies by numerous families, this Agency became painfully aware of the countless questions individuals seek. The search for prompt answers to their questions seems to never end.

Since 1999, with the assistance of a federal grant from the Victim's of Crime Act (VOCA) through the U.S. Department of Justice and monitored by the Oklahoma District Attorney's Council, the Office of the Chief Medical Examiner has been able to greatly expand its services to assist families and friends of those who suffer violent deaths with the creation of the Family Assistance Coordinators. The Central and Eastern Division Office each have a Coordinator position available.

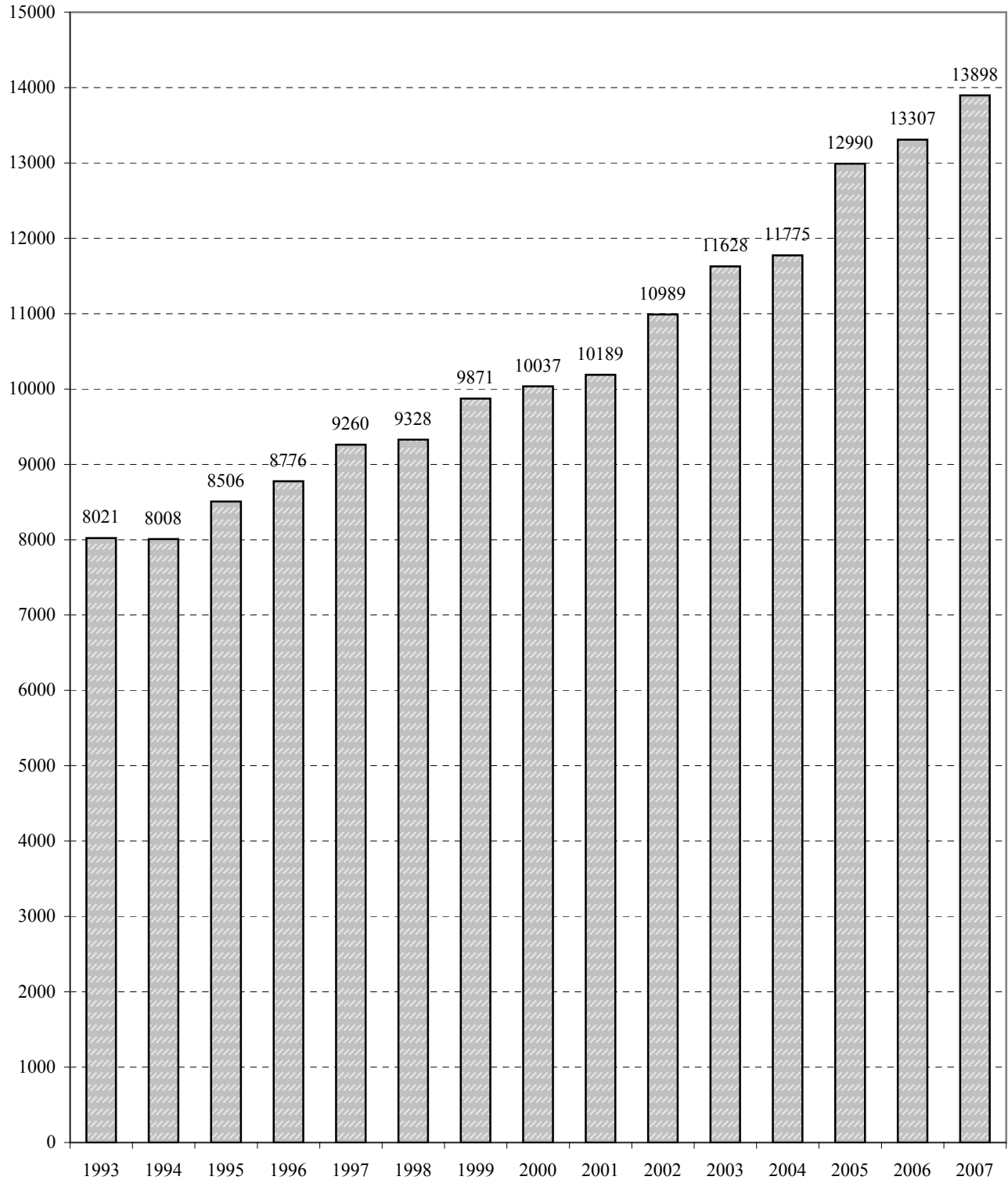
The Coordinators ensure that medical and investigative information is provided to families and friends without delay. Efforts are made to get responses to their countless inquiries about medical questions, circumstances as to the cause of death and what to expect from a variety of other agencies they are introduced to because of death. The Family Assistance Coordinators keep close contact with the families and friends as the case proceeds through the many facets of the death investigation.

In addition, the Family Assistance Coordinators keep families informed as to the many monetary benefits available to them through the VOCA Grant. These benefits assist families with the burdensome and frequently unexpected out-of-pocket expenses for funeral costs, economic losses, medical costs and professional grief counseling.

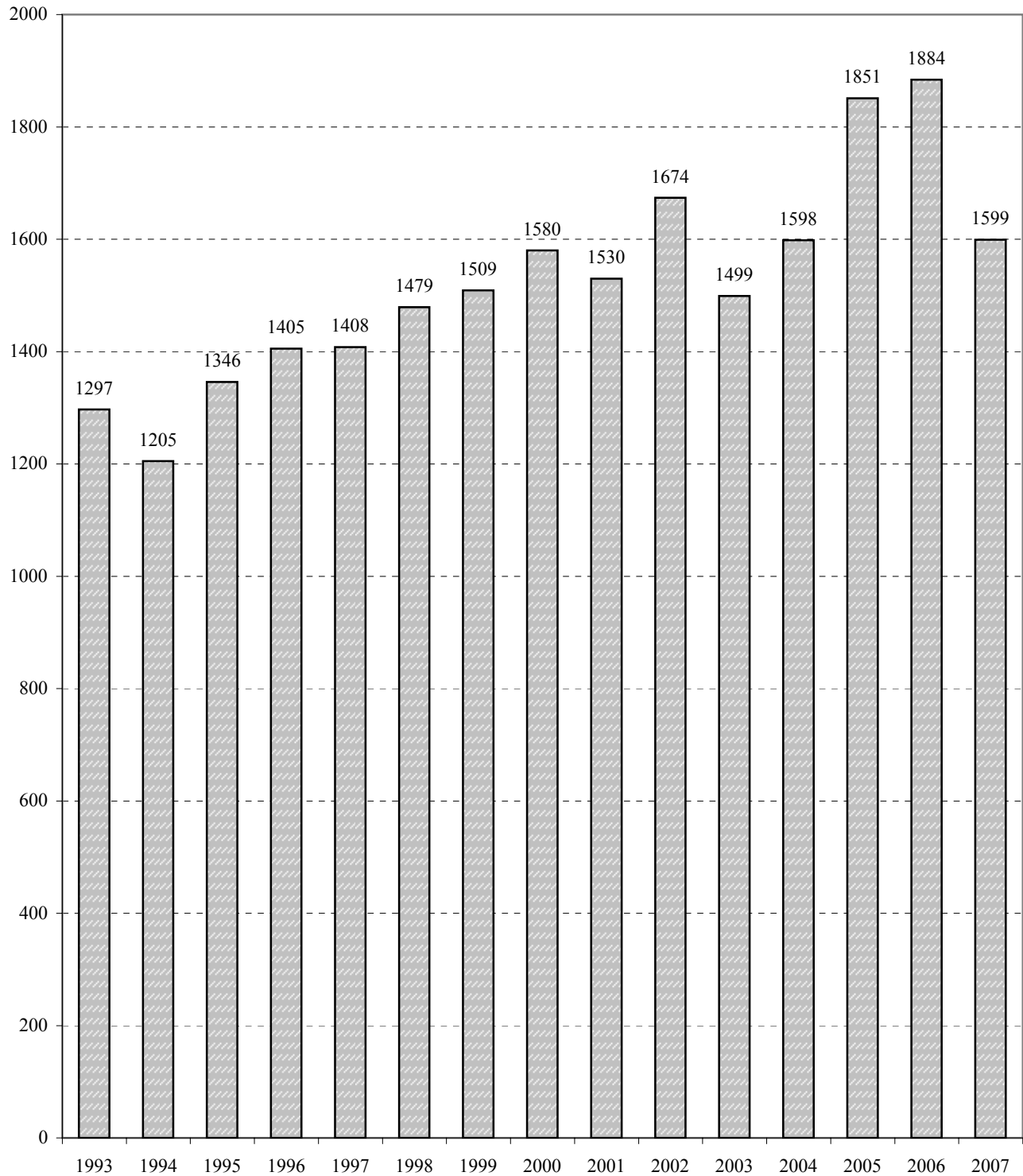
Coordinators also assist in informing families and friends of what they may encounter from their unexpected introduction into the criminal justice system. By communicating closely with other victim or community service's, relatives and friends are better prepared for the sometimes cruel and unbelievable circumstances surrounding their loved one's death.

As a result of this Agency's dedication in dealing with the various family issues and questions which arise from traumatic deaths, a development of trust and dependability has been created between the Office of the Chief Medical Examiner and the families and friends it serves.

JURISDICTION ASSUMED FIFTEEN YEAR COMPARISON

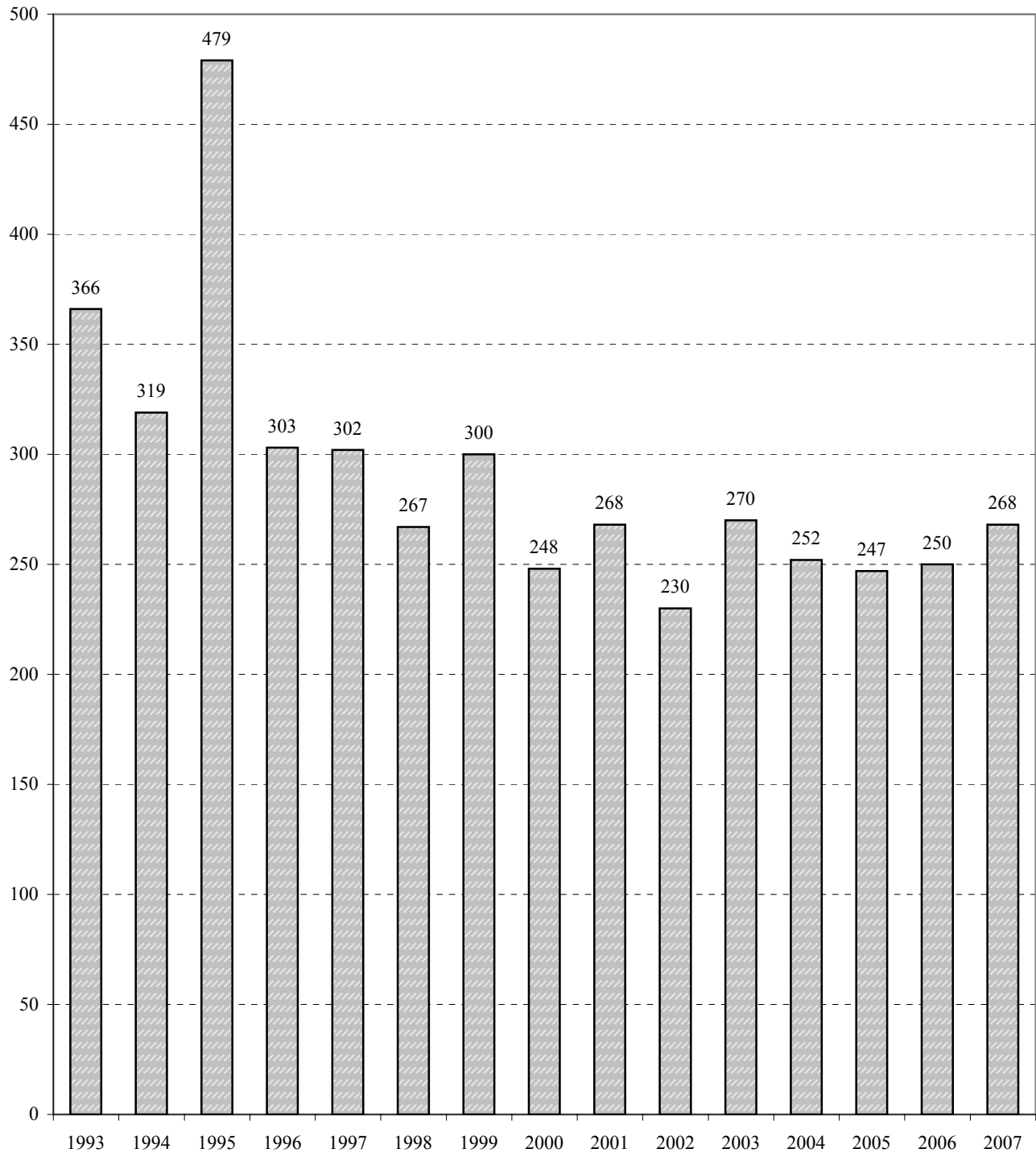


CASES AUTOPSIED FIFTEEN YEAR COMPARISON



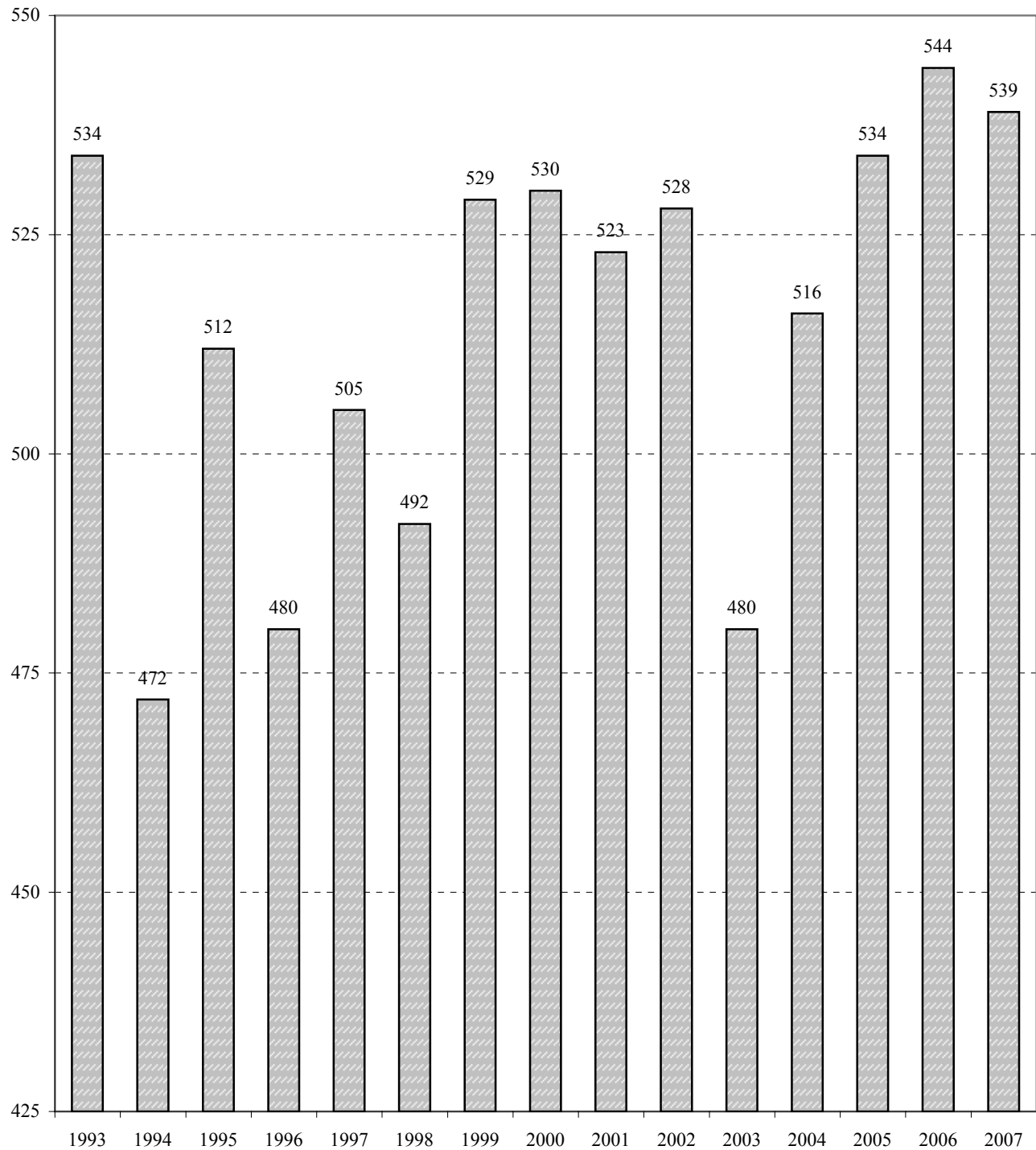
HOMICIDE CASES

FIFTEEN YEAR COMPARISON

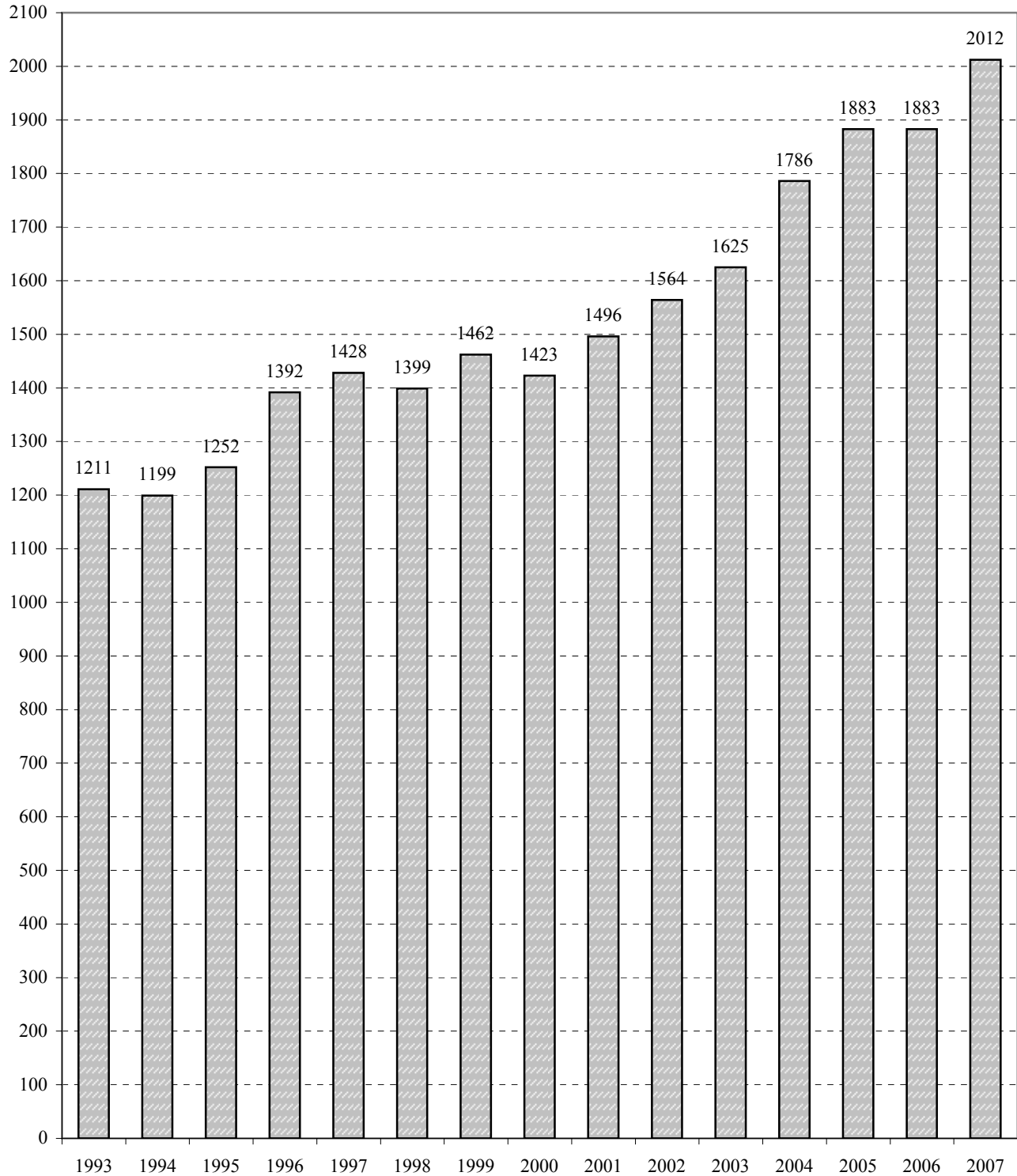


SUICIDE CASES

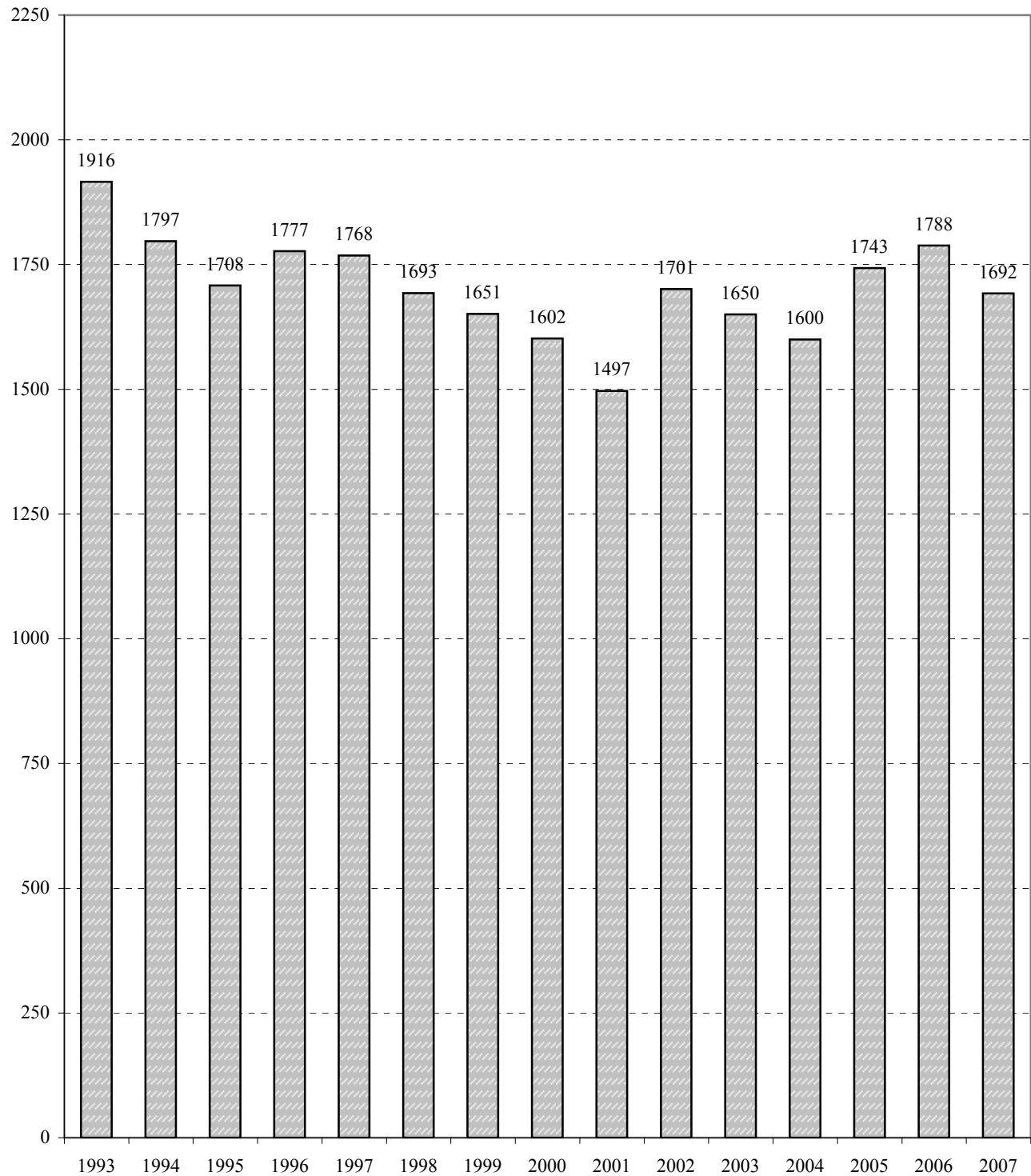
FIFTEEN YEAR COMPARISON



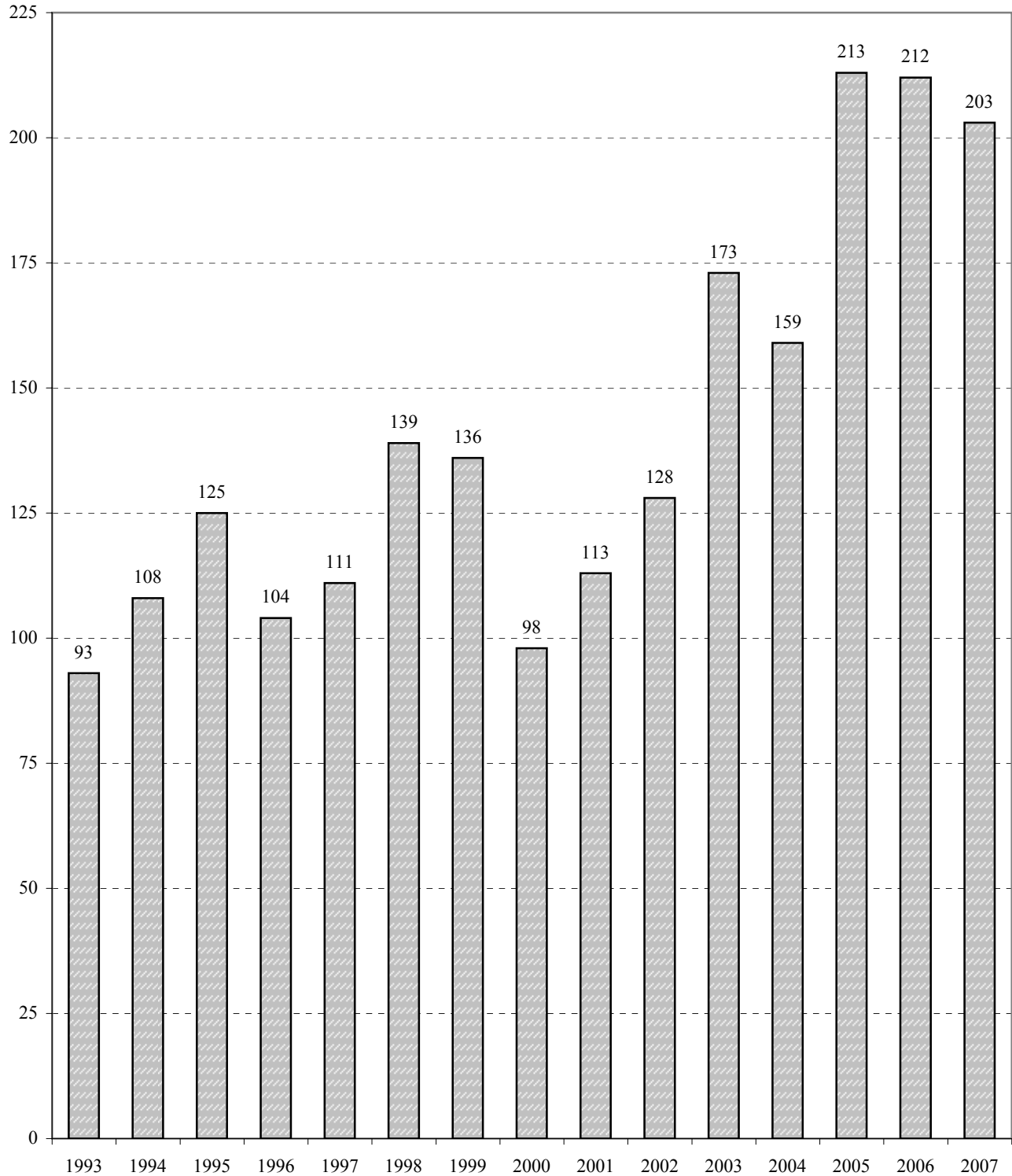
ACCIDENT DEATHS FIFTEEN YEAR COMPARISON INCLUDING TRAFFIC



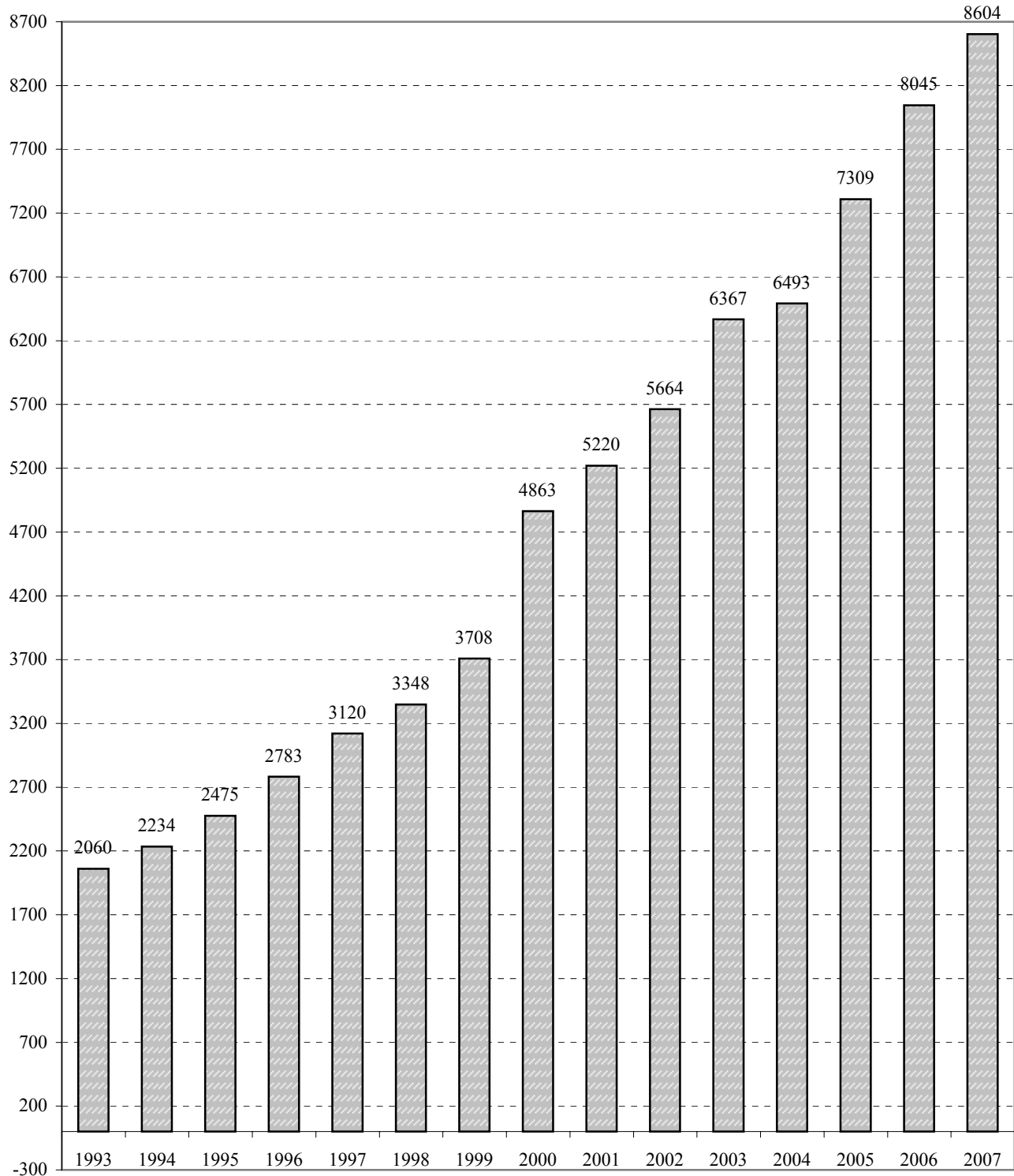
NATURAL DEATHS FIFTEEN YEAR COMPARISON



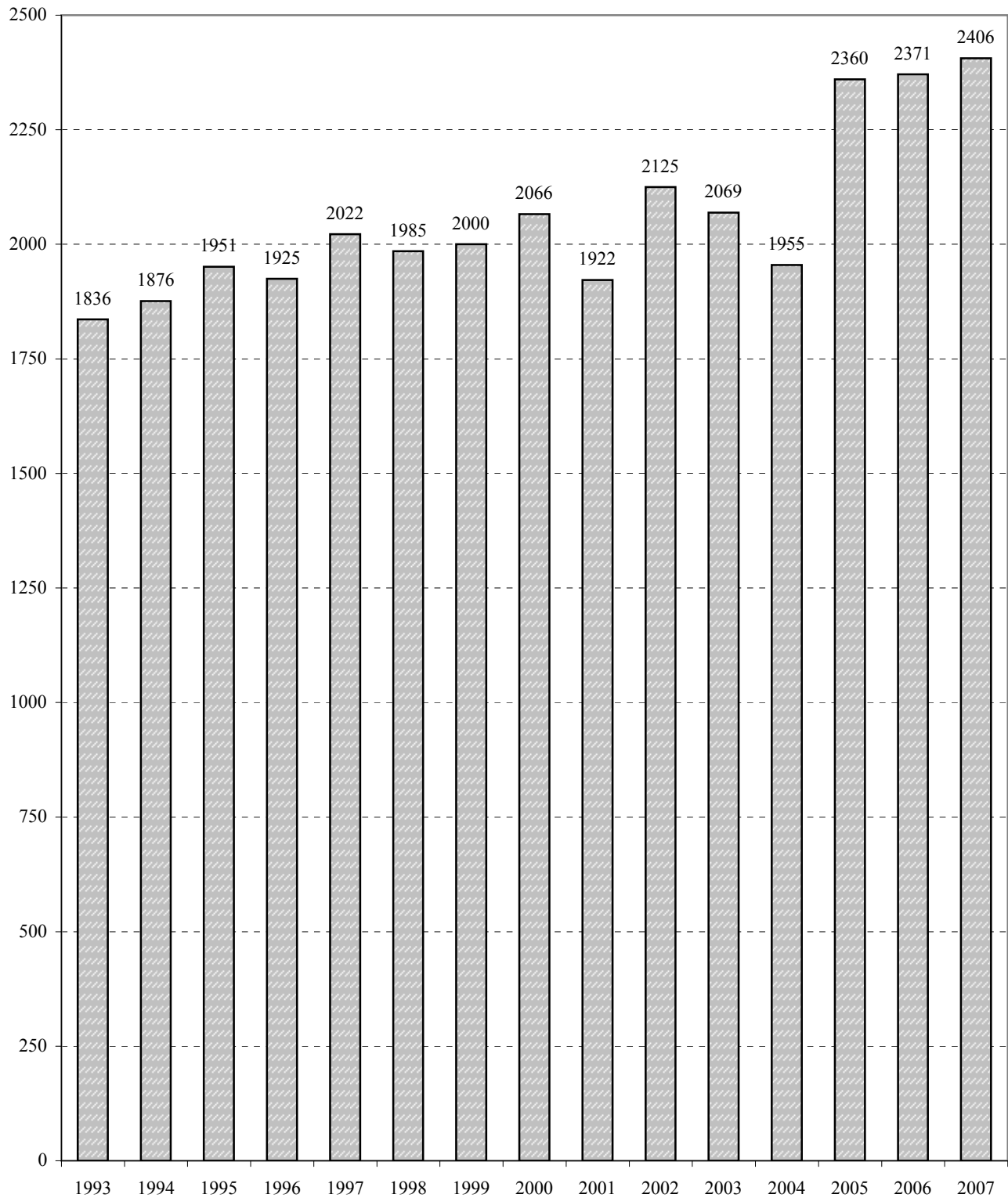
UNDETERMINED DEATHS FIFTEEN YEAR COMPARISON



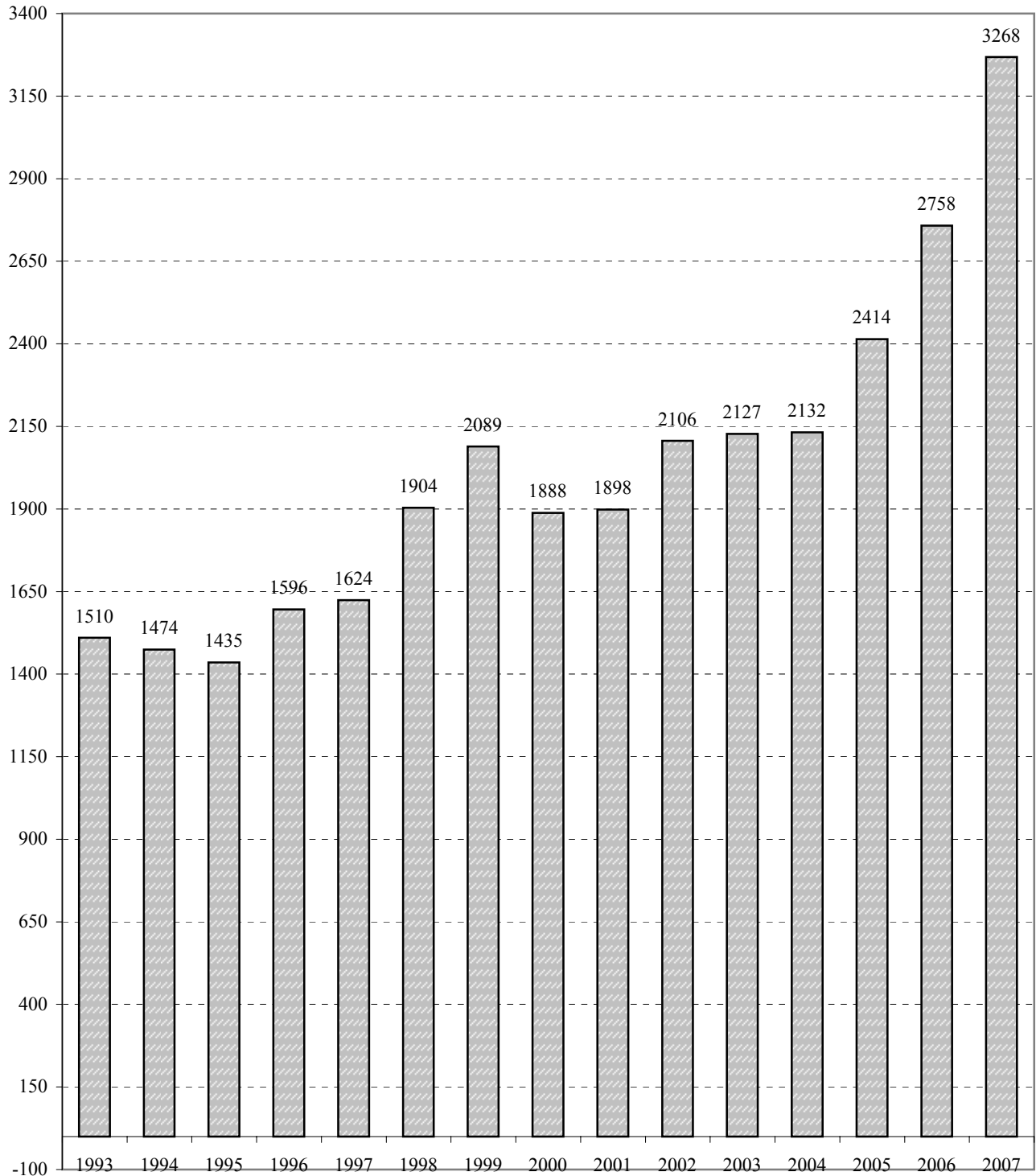
CREMATION DEATHS FIFTEEN YEAR COMPARISON



OUT OF STATE PERMITS FIFTEEN YEAR COMPARISON

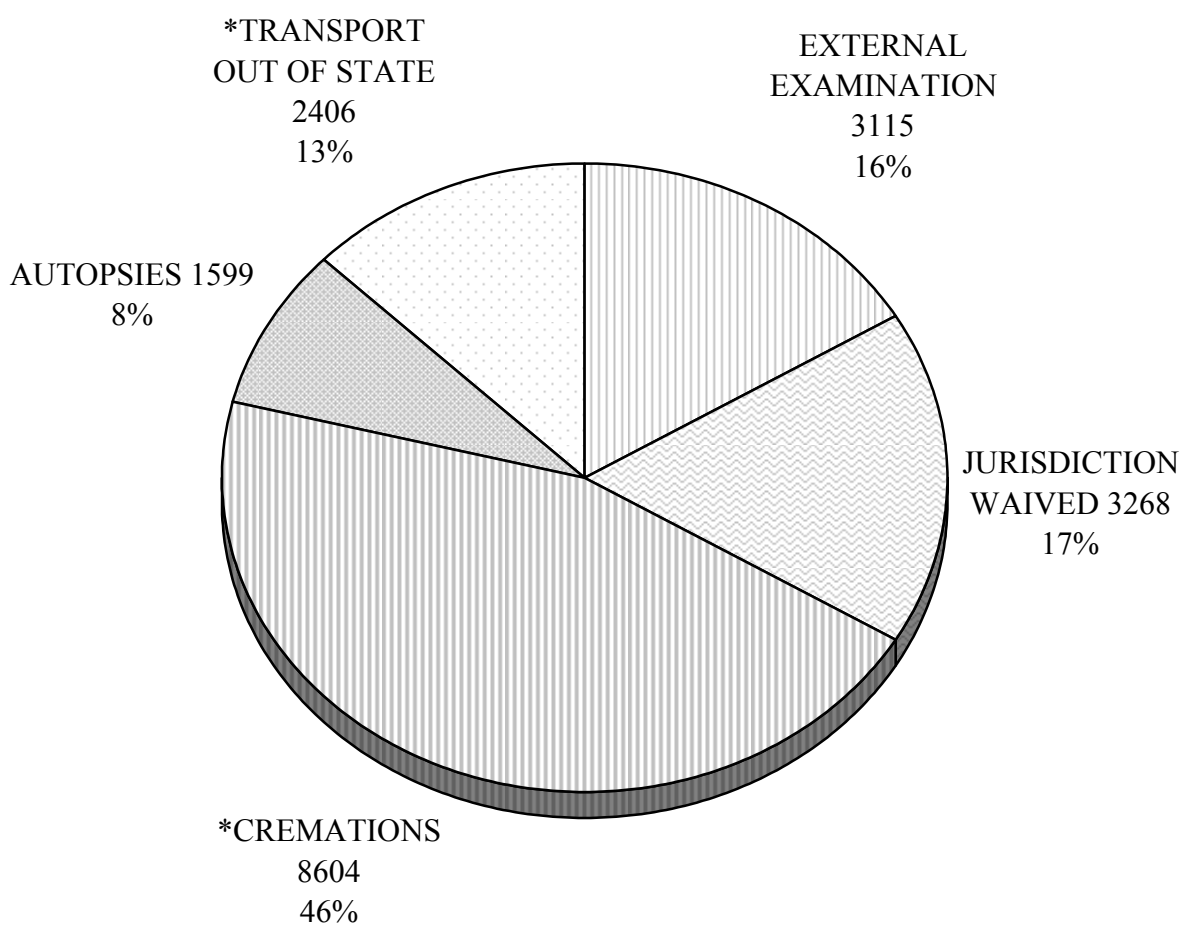


JURISDICTION WAIVED FIFTEEN YEAR COMPARISON



35,371 TOTAL DEATHS IN OKLAHOMA

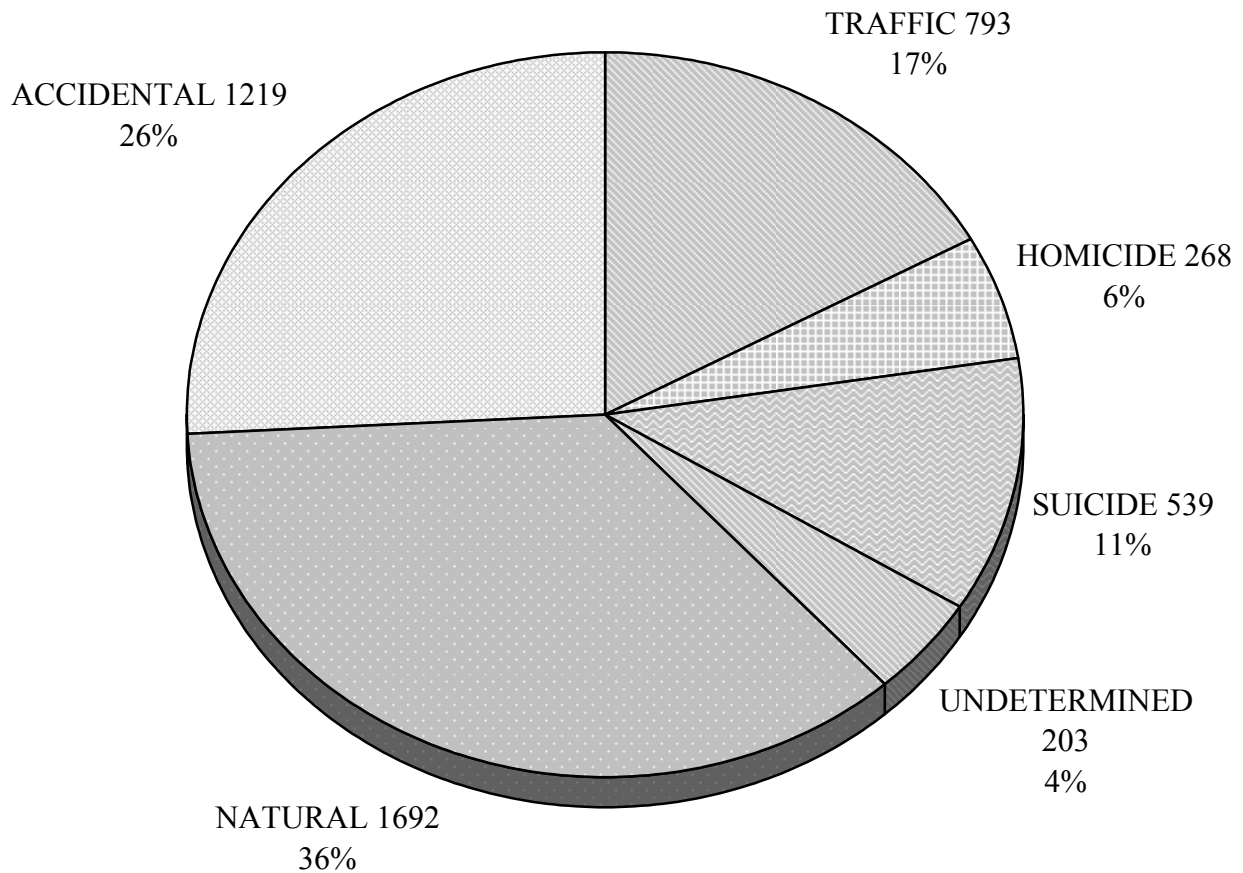
DEATHS REPORTED TO MEDICAL EXAMINER 17,166



49% of all deaths in Oklahoma were reported
to the Medical Examiner

*1826 of the cases cremated/transported out of state were also medical examiner cases for other reasons and were examined and/or autopsied

MEDICAL EXAMINER CASES
EXAMINED AND/OR AUTOPSIED
TOTAL 4714



MEDICAL EXAMINER CASES

CLASSIFIED BY AGE													
MANNER/AGE	0-5	6-10	11-15	16-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	UNK	TOTAL
NATURAL	55	7	4	8	41	100	306	454	320	221	175	1	1692
TRAFFIC	15	18	16	72	184	104	130	112	54	52	35	1	793
ACCIDENT	33	10	17	46	146	185	244	177	95	97	169	0	1219
SUICIDE	0	0	5	17	82	97	126	101	42	28	41	0	539
HOMICIDE	16	0	3	31	70	52	48	28	15	2	2	1	268
UNDETERMINED	81	1	1	2	15	22	33	26	10	6	2	4	203
TOTAL	200	36	46	176	538	560	887	898	536	406	424	7	4714

CLASSIFIED BY RACE							
MANNER/RACE	WHITE	BLACK	AM INDIAN	HISPANIC	OTHER	UNK	TOTAL
NATURAL	1372	190	85	34	11	0	1692
TRAFFIC	614	53	53	65	8	0	793
ACCIDENT	1025	82	69	36	7	0	1219
SUICIDE	475	19	21	20	4	0	539
HOMICIDE	146	85	16	16	4	1	268
UNDETERMINED	145	25	19	10	0	4	203
TOTAL	3777	454	263	181	34	5	4714

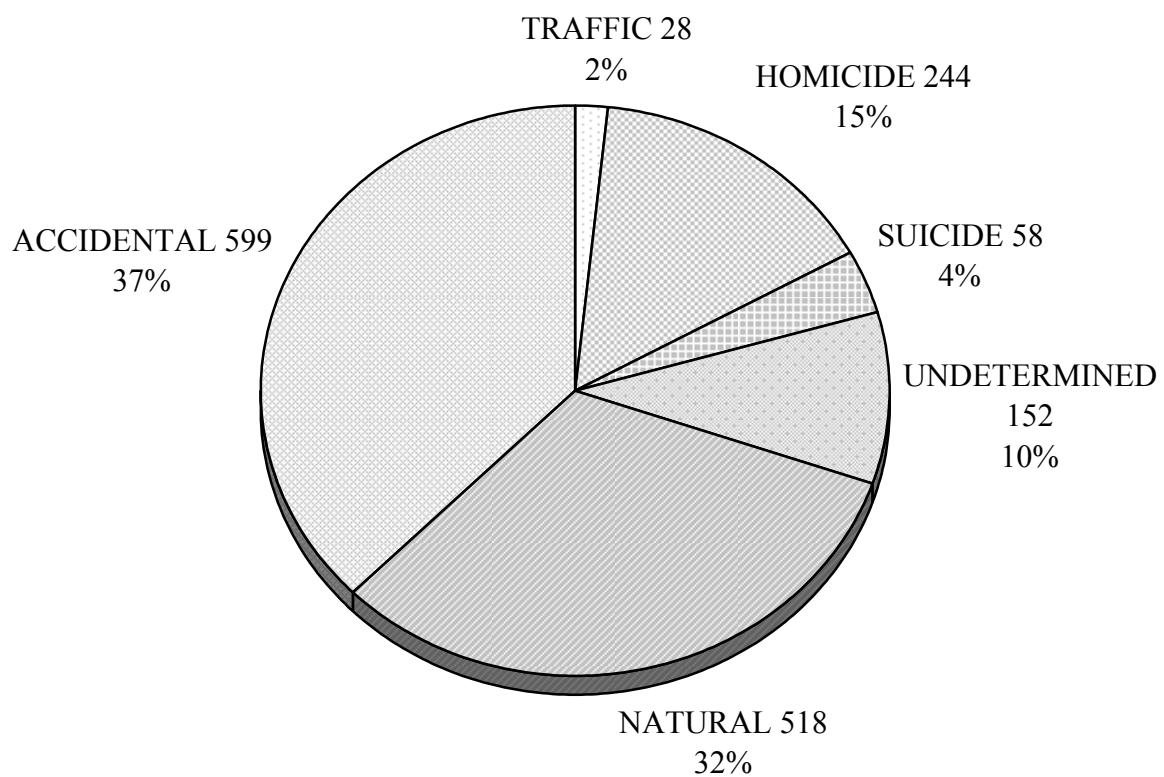
MEDICAL EXAMINER CASES

CLASSIFIED BY MONTH													
MANNER/MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
NATURAL	155	166	152	136	151	118	118	129	126	134	151	156	1692
TRAFFIC	51	55	63	62	91	51	61	77	70	69	76	67	793
ACCIDENT	137	110	94	80	90	101	101	133	79	83	105	106	1219
SUICIDE	29	50	51	42	50	42	52	63	34	55	38	33	539
HOMICIDE	22	20	21	21	29	27	31	19	23	17	17	21	268
UNDETERMINED	11	16	17	20	23	8	19	22	18	21	14	14	203
TOTAL	405	417	398	361	434	347	382	443	350	379	401	397	4714

CLASSIFIED BY SEX				
MANNER/SEX	MALE	FEMALE	UNKNOWN	TOTAL
NATURAL	1164	528	0	1692
TRAFFIC	545	248	0	793
ACCIDENT	750	469	0	1219
SUICIDE	418	121	0	539
HOMICIDE	198	69	1	268
UNDETERMINED	108	91	4	203
TOTAL	3183	1526	5	4714

MEDICAL EXAMINER CASES AUTOPSIED

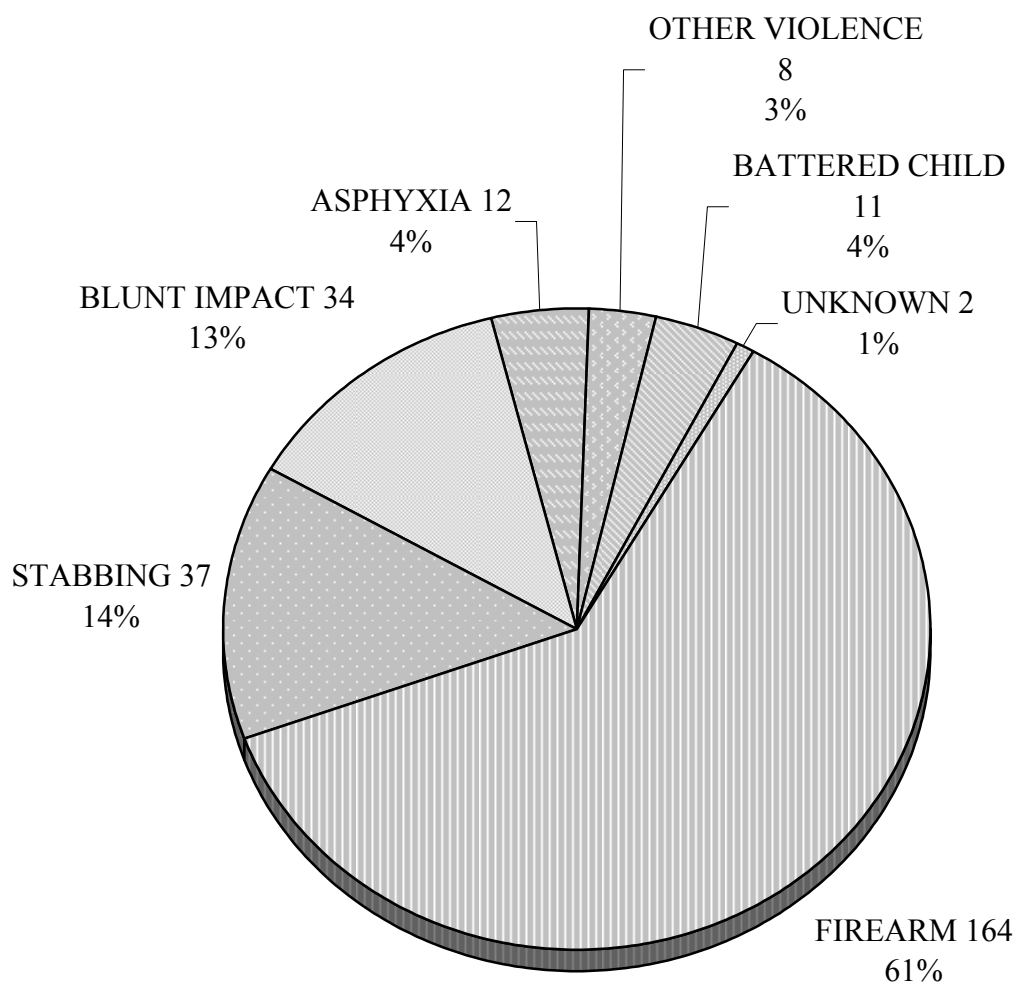
TOTAL 1599



34% of Medical Examiner Cases Were Autopsied

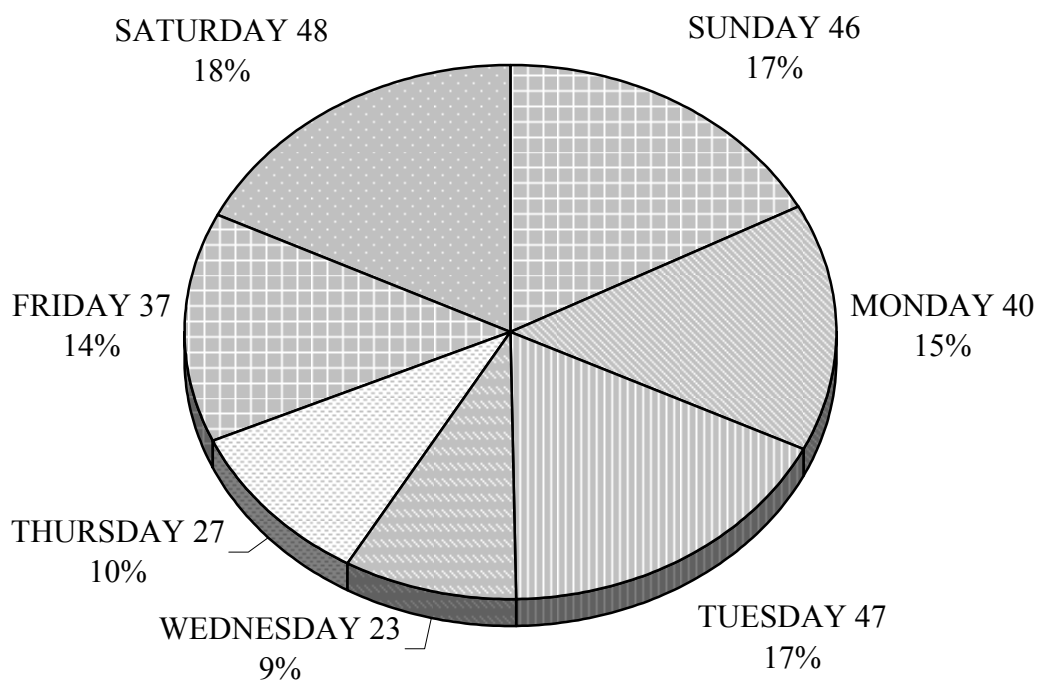
HOMICIDE DEATHS

TOTAL 268

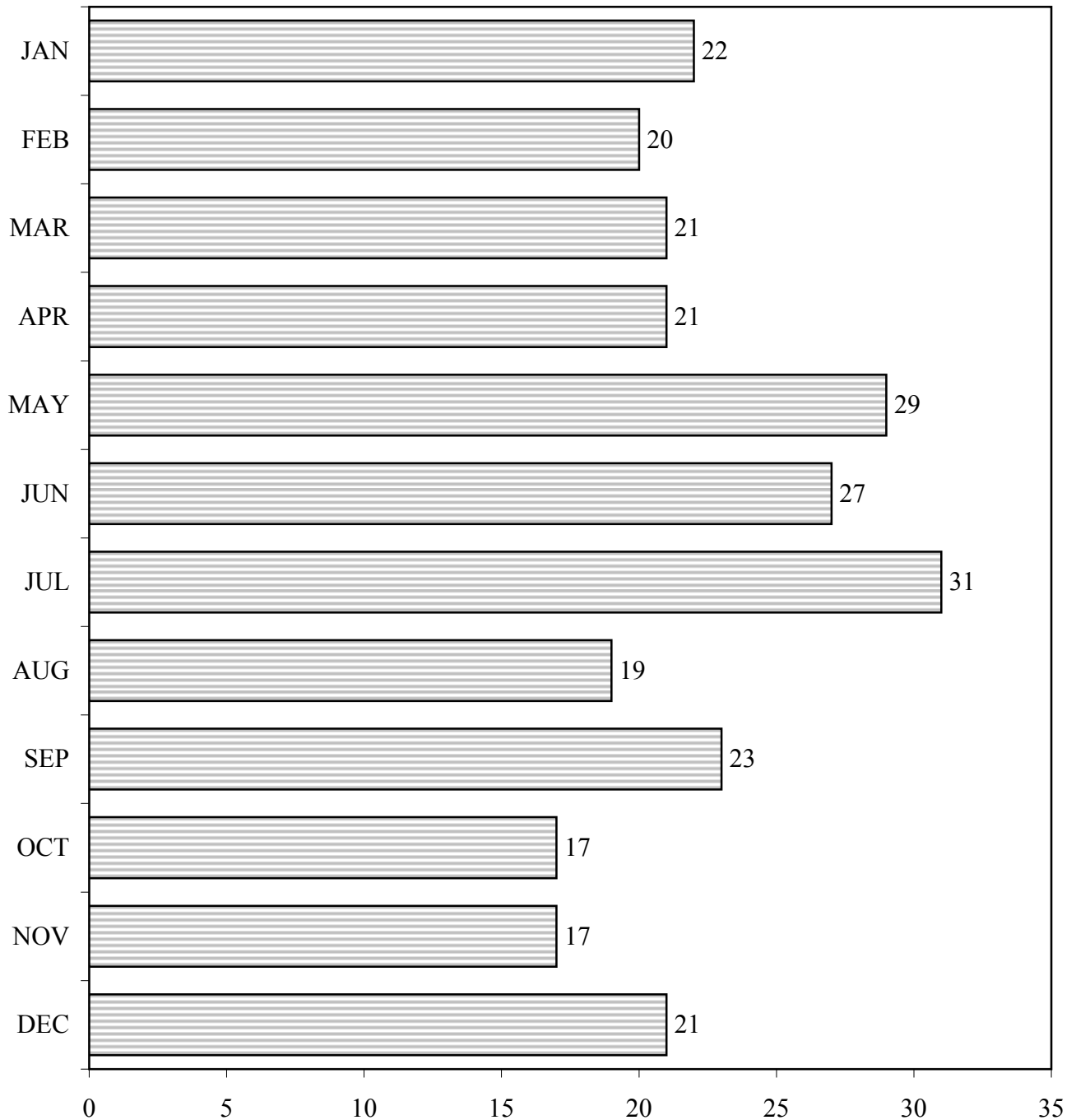


Other Violence - 3 Drugs, 2 Vehicular, 1 Drowning, 1 Fire, 1 Other/Unknown

HOMICIDE DEATHS CLASSIFIED BY DAY OF WEEK TOTAL 268



HOMICIDE DEATHS CLASSIFIED BY MONTH TOTAL 268



HOMICIDES

CLASSIFIED BY AGE													
METHOD/AGE	0-5	6-10	11-15	16-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	UNK	TOTAL
FIREARM	2	0	2	22	54	34	25	14	9	0	2	0	164
BLUNT IMPACT	1	0	0	1	3	8	8	8	4	0	0	1	34
STABBING	0	0	1	7	8	5	10	4	1	1	0	0	37
ASPHYXIA	1	0	0	0	4	2	1	2	1	1	0	0	12
BATTERED CHILD	11	0	0	0	0	0	0	0	0	0	0	0	11
OTHER/UNKNOWN	1	0	0	1	1	3	4	0	0	0	0	0	10
TOTAL	16	0	3	31	70	52	48	28	15	2	2	1	268

CLASSIFIED BY RACE							
METHOD/RACE	WHITE	BLACK	AM INDIAN	HISPANIC	OTHERS	UNKNOWN	TOTAL
FIREARM	80	64	5	13	2	0	164
BLUNT IMPACT	23	5	5	0	0	1	34
STABBING	23	9	3	2	0	0	37
ASPHYXIA	9	1	1	1	0	0	12
BATTERED CHILD	4	4	2	0	1	0	11
OTHER/UNKNOWN	7	2	0	0	1	0	10
TOTAL	146	85	16	16	4	1	268

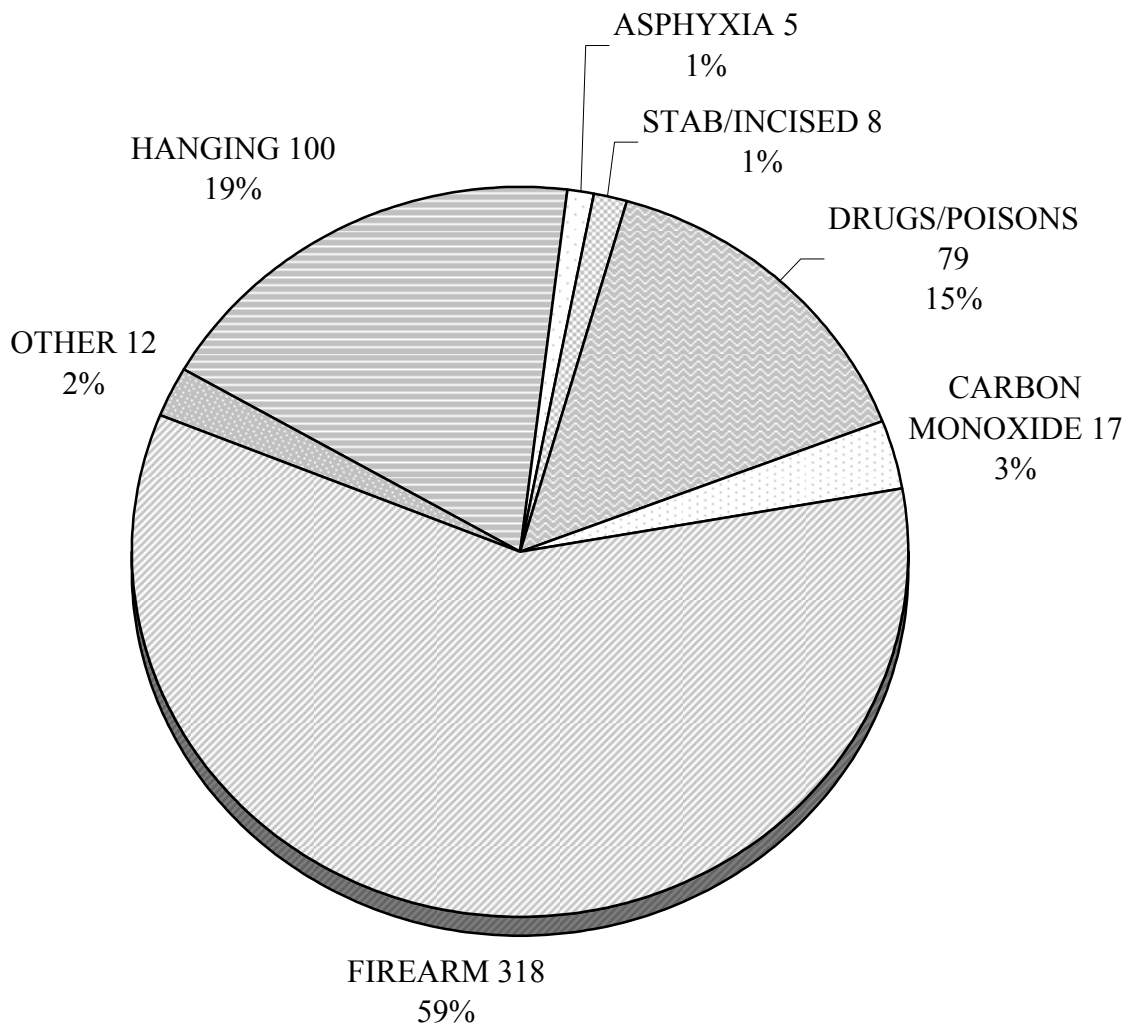
HOMICIDES

CLASSIFIED BY BLOOD ALCOHOL								
METHOD/ETOH	TEST	NEG	0.02 - 0.04	0.05 - 0.09	0.10 - 0.19	0.20 - 0.29	0.30+	TOTAL
FIREARM	11	99	11	11	23	7	2	164
BLUNT IMPACT	6	18	4	1	3	1	1	34
STABBING	1	21	1	2	7	3	2	37
ASPHYXIA	1	8	0	0	3	0	0	12
BATTERED CHILD	1	10	0	0	0	0	0	11
OTHER/UNKNOWN	4	5	0	0	0	1	0	10
TOTAL	24	161	16	14	36	12	5	268

CLASSIFIED BY SEX				
METHOD/SEX	MALE	FEMALE	UNKNOWN	TOTAL
FIREARM	133	31	0	164
BLUNT IMPACT	23	10	1	34
STABBING	24	13	0	37
ASPHYXIA	6	6	0	12
BATTERED CHILD	7	4	0	11
OTHER/UNKNOWN	5	5	0	10
TOTAL	198	69	1	268

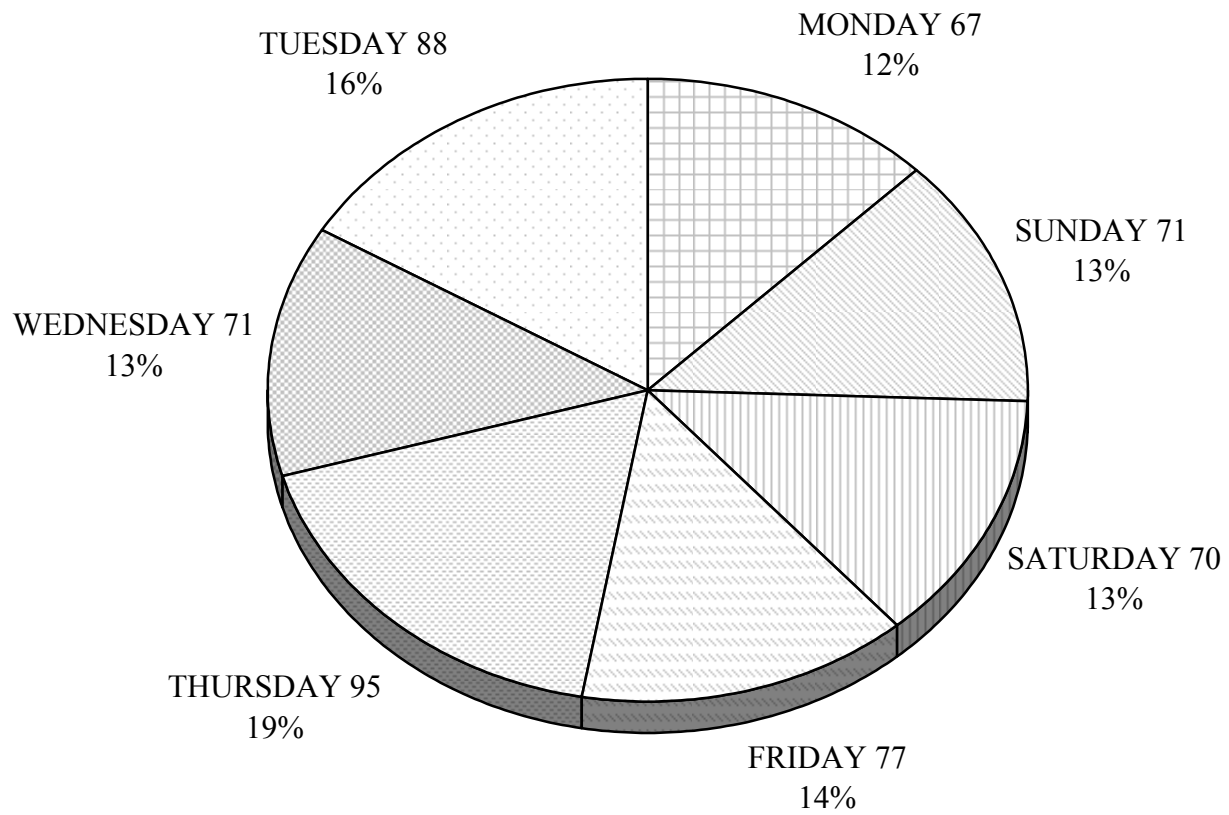
SUICIDE DEATHS

TOTAL 539

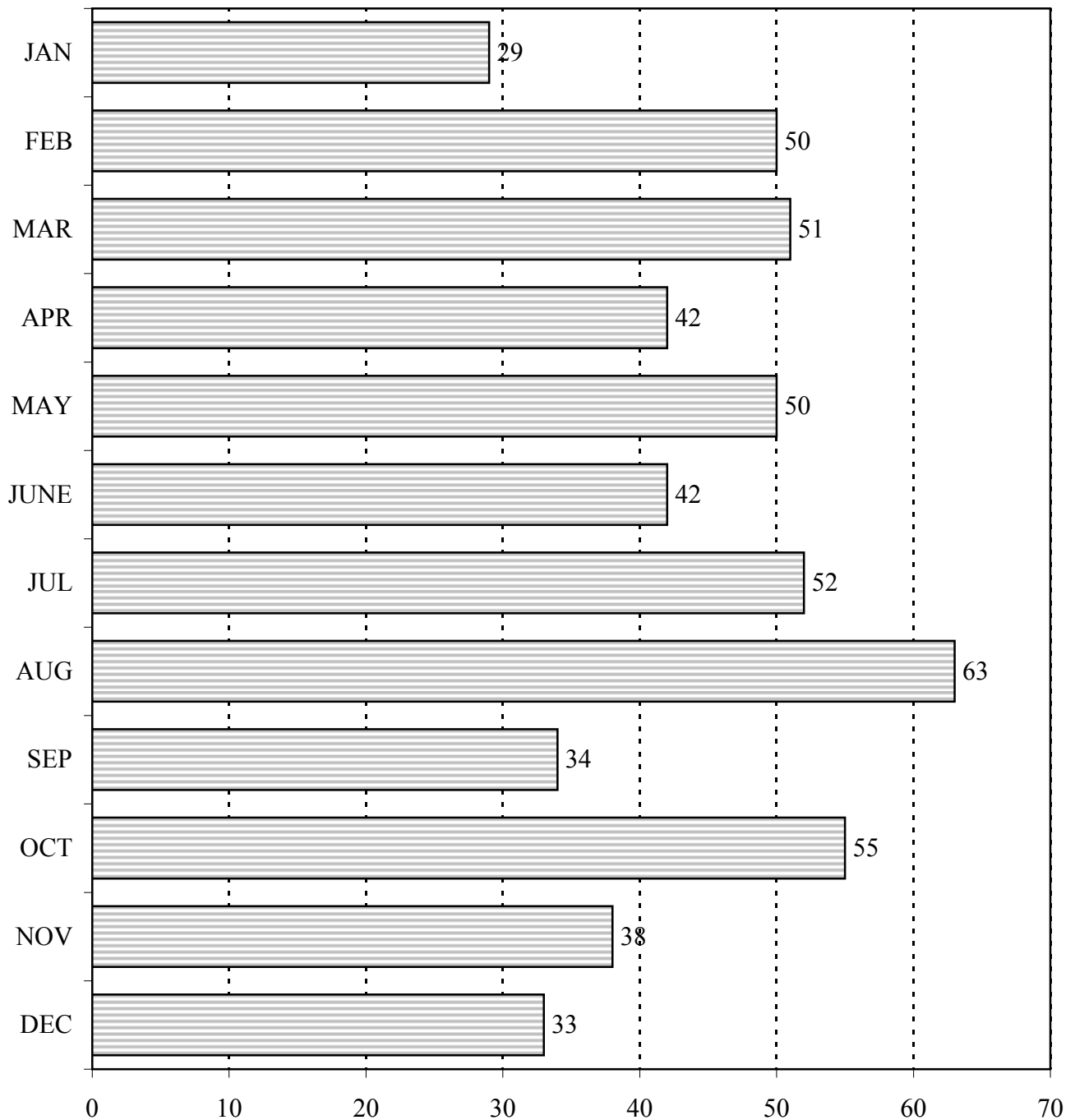


Other - 4 Fire, 7 Vehicular/Train, 1 Drowning

SUICIDE DEATHS CLASSIFIED BY DAY OF WEEK TOTAL 539



SUICIDE DEATHS CLASSIFIED BY MONTH TOTAL 539



S U I C I D E S

CLASSIFIED BY AGE													
METHOD/AGE	0-5	6-10	11-15	16-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	UNK	TOTAL
FIREARM	0	0	0	15	38	47	63	61	32	25	37	0	318
HANGING/ASPHYXIA	0	0	4	2	30	30	24	6	3	3	3	0	105
DRUGS/POISONS	0	0	1	0	7	14	32	21	4	0	0	0	79
CARBON MONOXIDE	0	0	0	0	1	4	3	7	2	0	0	0	17
STAB/INCISED	0	0	0	0	2	1	0	4	1	0	0	0	8
OTHER	0	0	0	0	4	1	4	2	0	0	1	0	12
TOTAL	0	0	5	17	82	97	126	101	42	28	41	0	539

CLASSIFIED BY RACE							
METHOD/RACE	WHITE	BLACK	AM INDIAN	HISPANIC	OTHERS	UNKNOWN	TOTAL
FIREARM	287	12	6	9	4	0	318
HANGING/ASPHYXIA	83	3	11	8	0	0	105
DRUGS/POISONS	73	1	4	1	0	0	79
CARBON MONOXIDE	16	0	0	1	0	0	17
STAB/INCISED	6	2	0	0	0	0	8
OTHER	10	1	0	1	0	0	12
TOTAL	475	19	21	20	4	0	539

S U I C I D E S

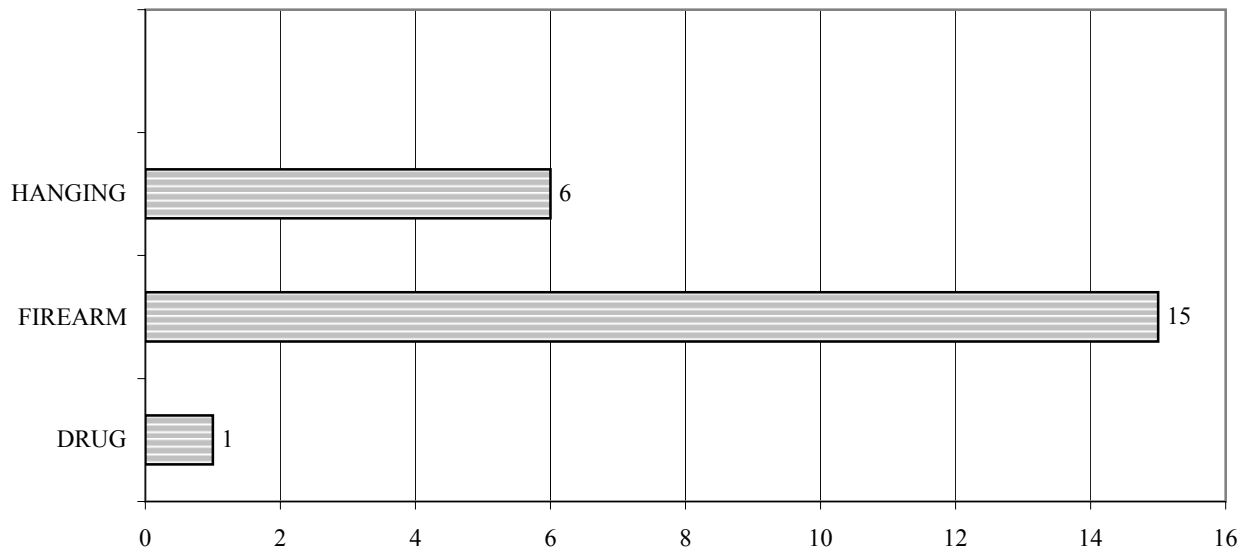
CLASSIFIED BY BLOOD ALCOHOL									
METHOD/ETOH	NO TEST	NEG	0.02 - 0.04	0.05 - 0.09	0.10 - 0.19	0.20 - 0.29	0.30+	TOTAL	
FIREARM	18	202	11	13	32	29	13	318	
HANGING/ASPHYXIA	9	57	5	6	17	7	4	105	
DRUGS/POISONS	5	60	2	3	5	3	1	79	
CARBON MONOXIDE	2	9	0	0	4	2	0	17	
STAB/INCISED	0	8	0	0	0	0	0	8	
OTHER	4	6	0	1	0	1		12	
TOTAL	38	342	18	23	58	42	18	539	

CLASSIFIED BY SEX				
METHOD/SEX	MALE	FEMALE	UNKNOWN	TOTAL
FIREARM	268	50	0	318
HANGING/ASPHYXIA	90	15	0	105
DRUGS/POISONS	34	45	0	79
CARBON MONOXIDE	13	4	0	17
STAB/INCISED	6	2	0	8
OTHER	7	5	0	12
TOTAL	418	121	0	539

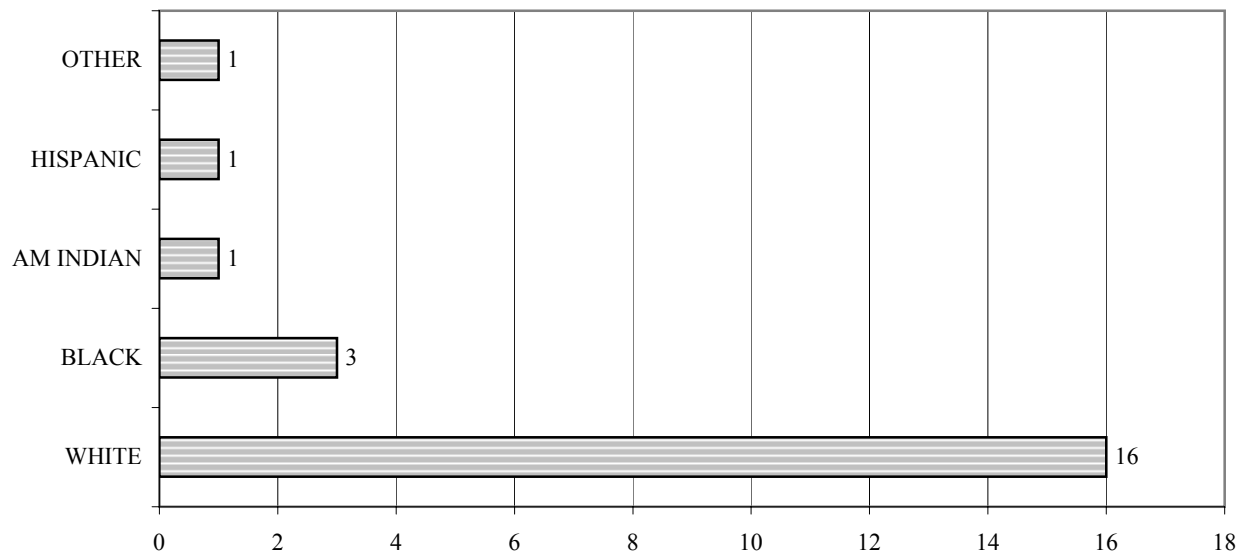
SUICIDE UNDER AGE 20

TOTAL 22

CLASSIFIED BY METHOD



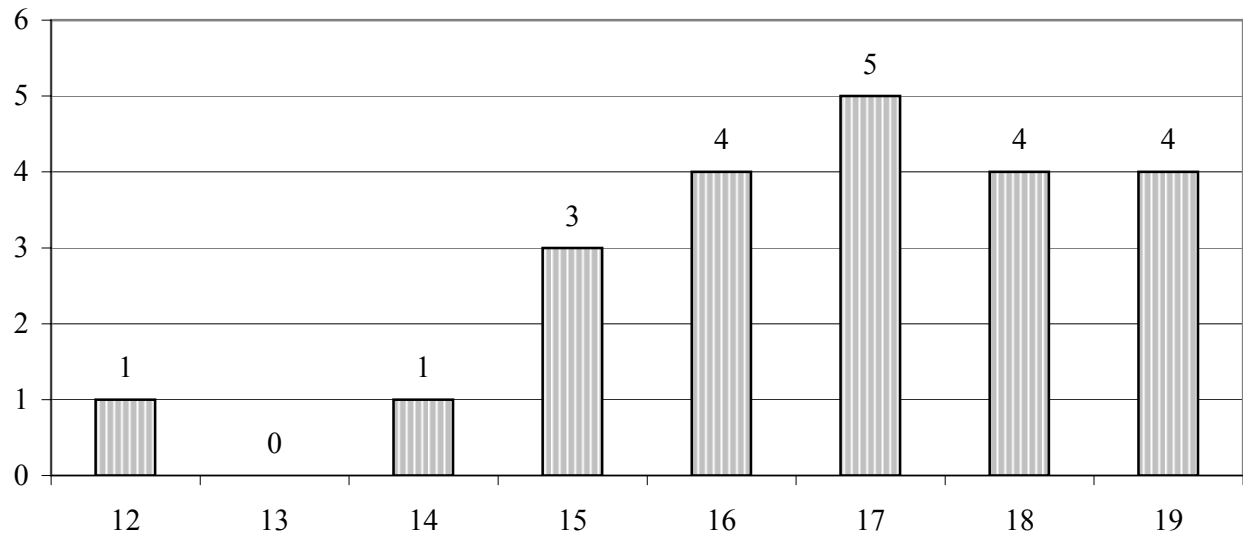
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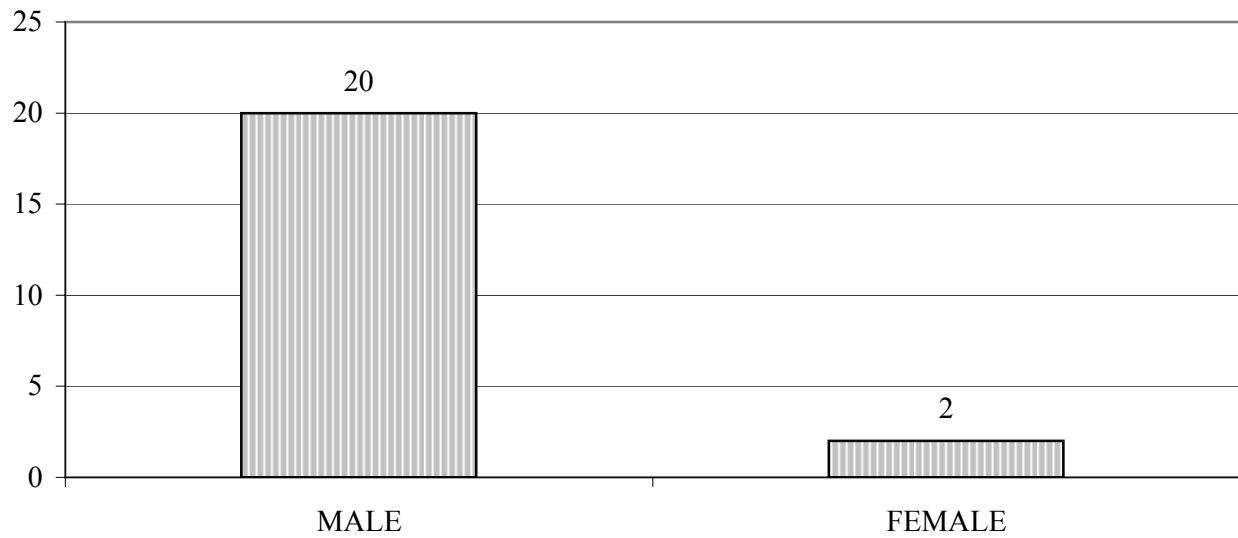
SUICIDE UNDER AGE 20

TOTAL 22

CLASSIFIED BY AGE



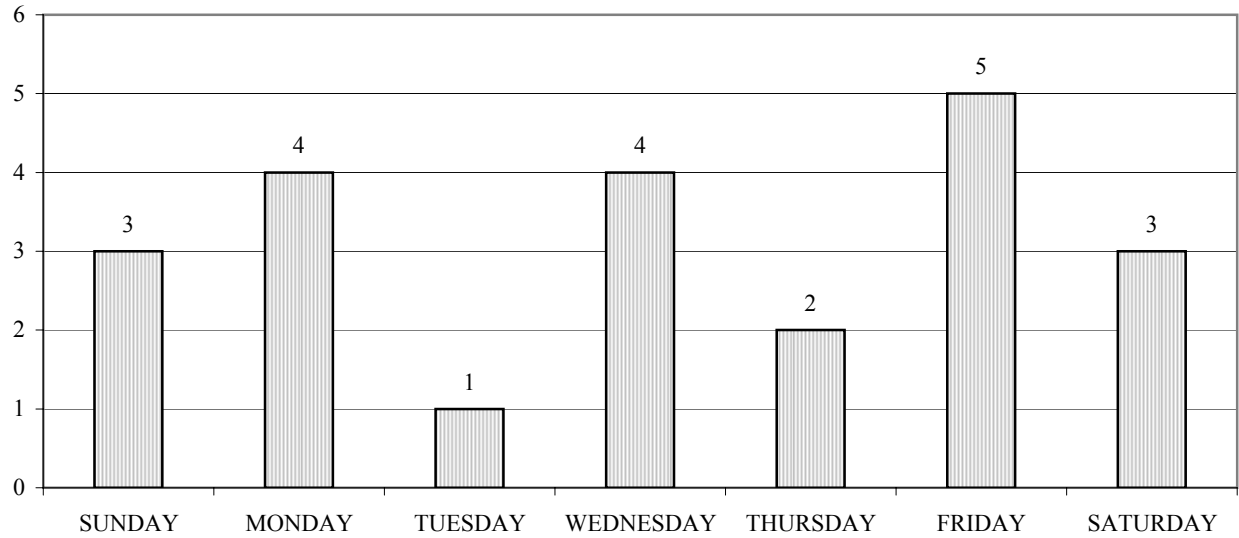
CLASSIFIED BY SEX



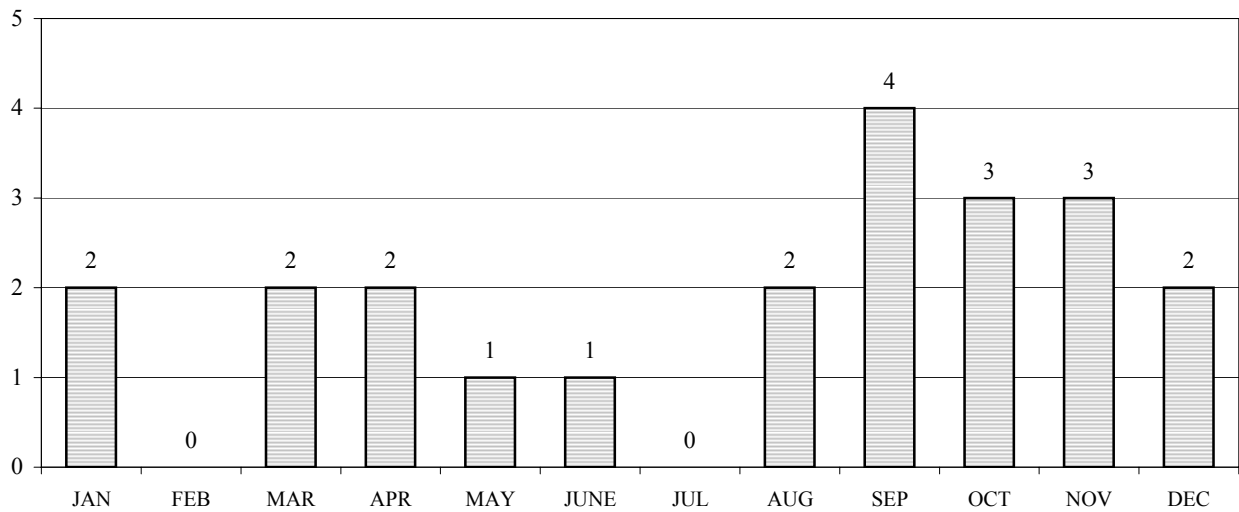
SUICIDE UNDER AGE 20

TOTAL 22

CLASSIFIED BY DAY

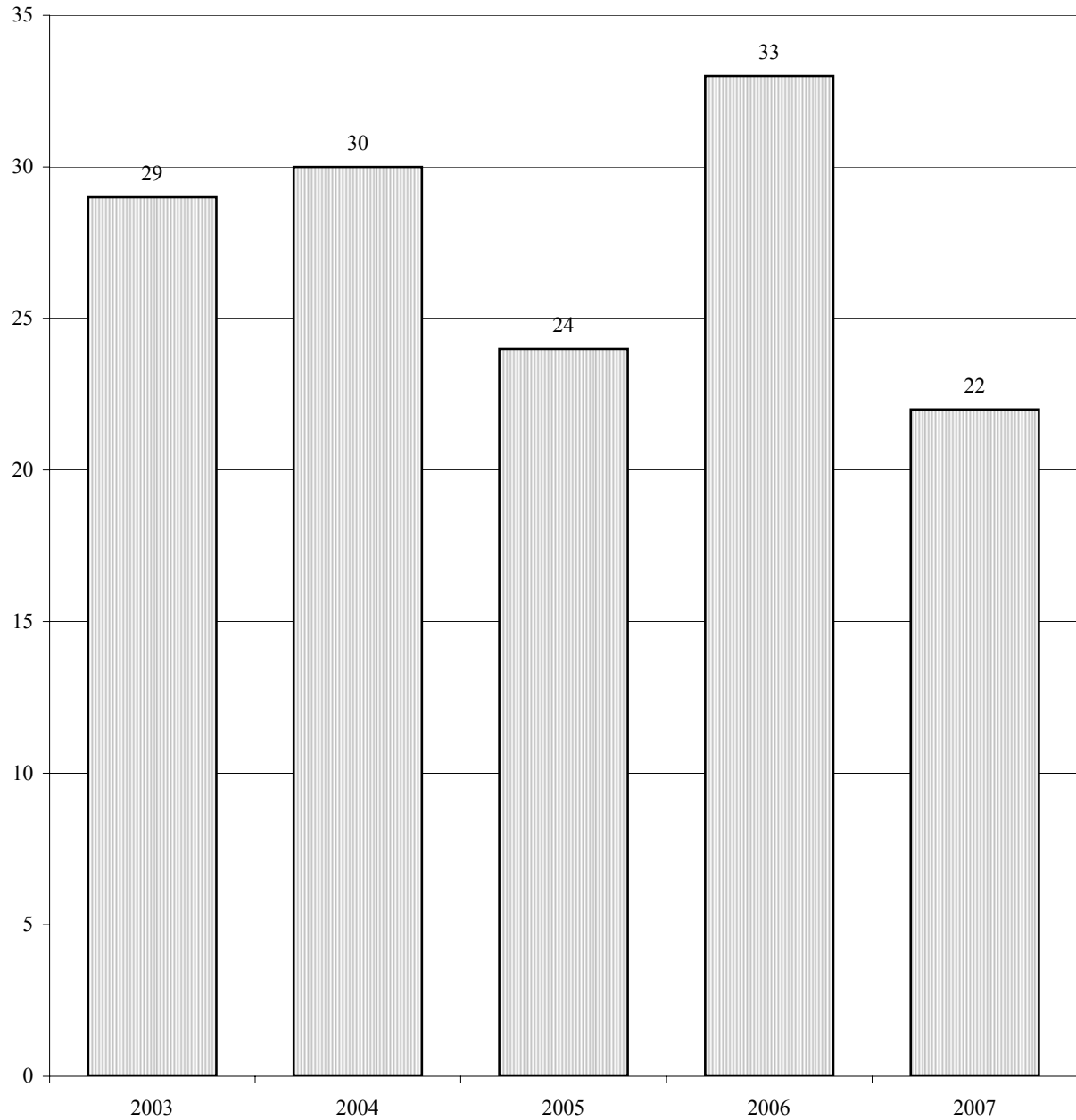


CLASSIFIED BY MONTH



SUICIDE UNDER AGE 20 TOTAL 22

FIVE YEAR COMPARISON



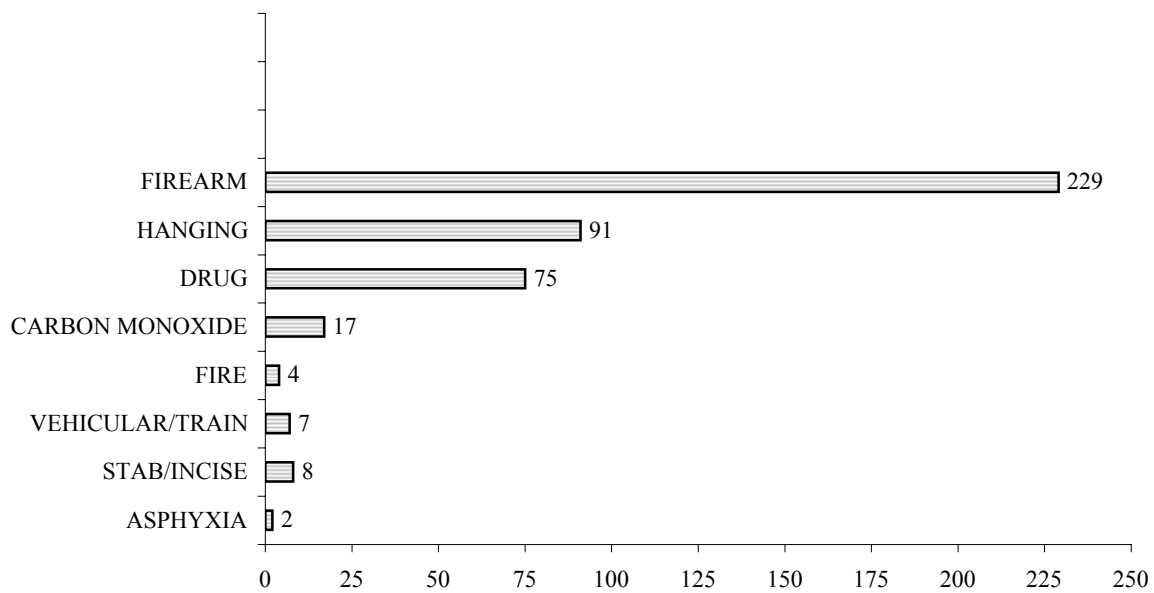
SUICIDE UNDER AGE 20
TOTAL 22
CLASSIFIED BY COUNTY

COMANCHE	1
GRADY	2
KAY	1
KIOWA	1
LEFLORE	1
OKLAHOMA	6
OSAGE	1
OTTAWA	1
PAWNEE	1
POTTAWATOMIE	1
TULSA	6
TOTAL	22

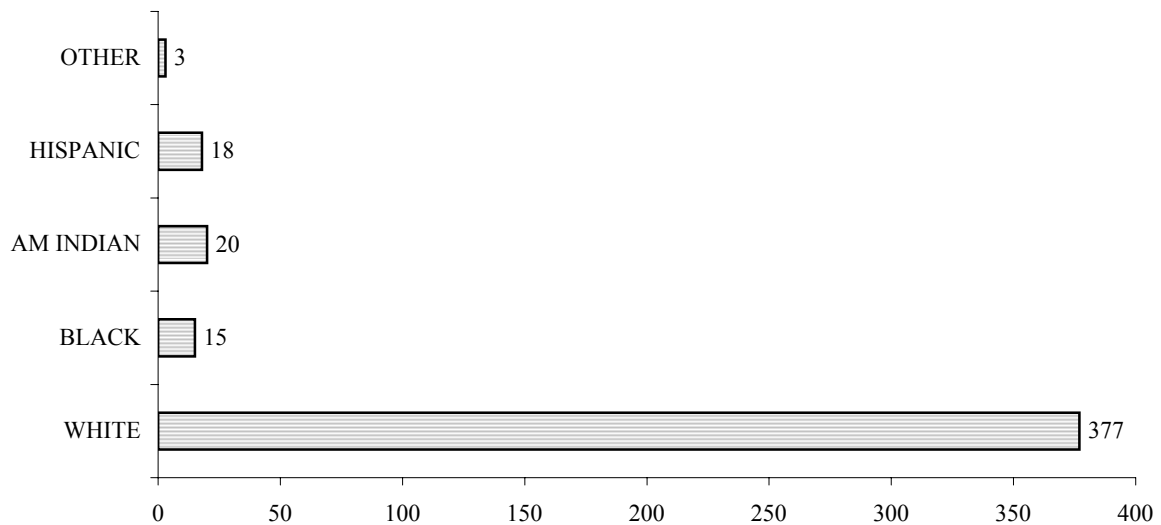
SUICIDE AGES 20 TO 65

TOTAL 433

CLASSIFIED BY METHOD



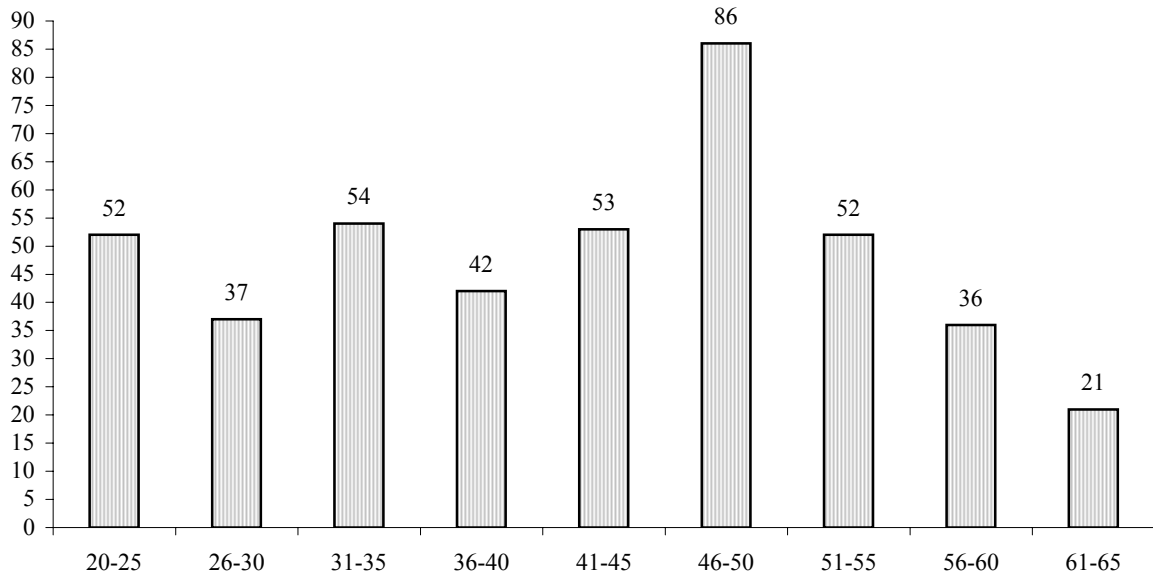
CLASSIFIED BY RACE



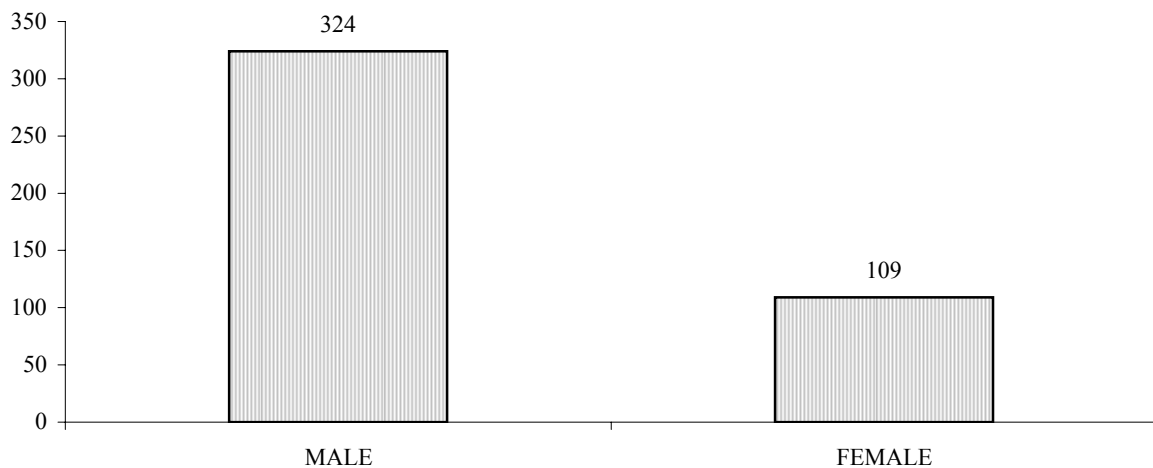
SUICIDE AGES 20 TO 65

TOTAL 433

CLASSIFIED BY AGE



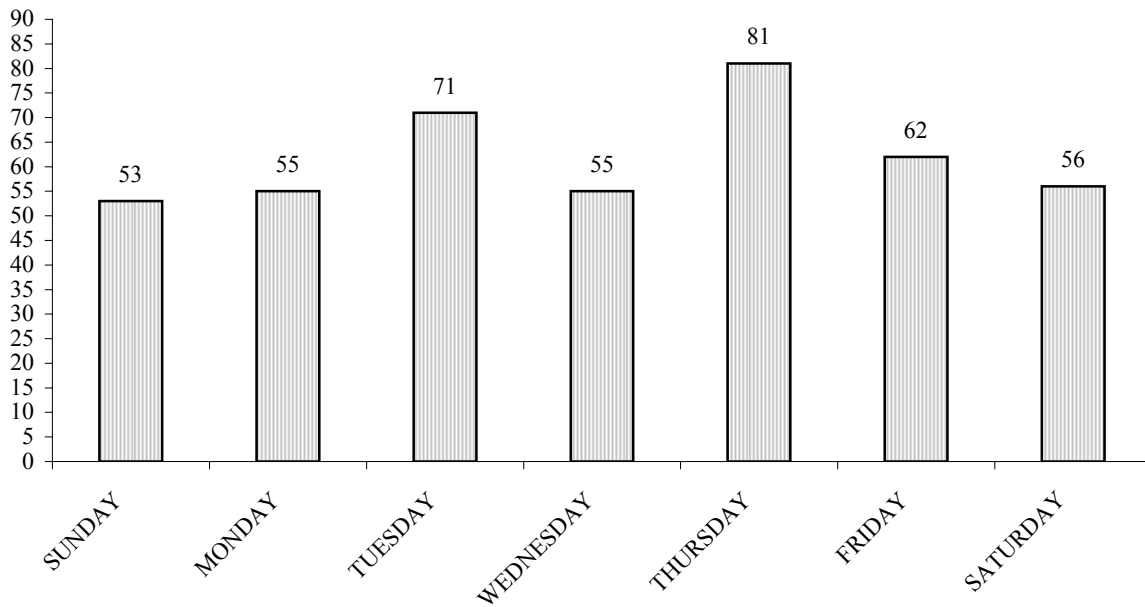
CLASSIFIED BY SEX



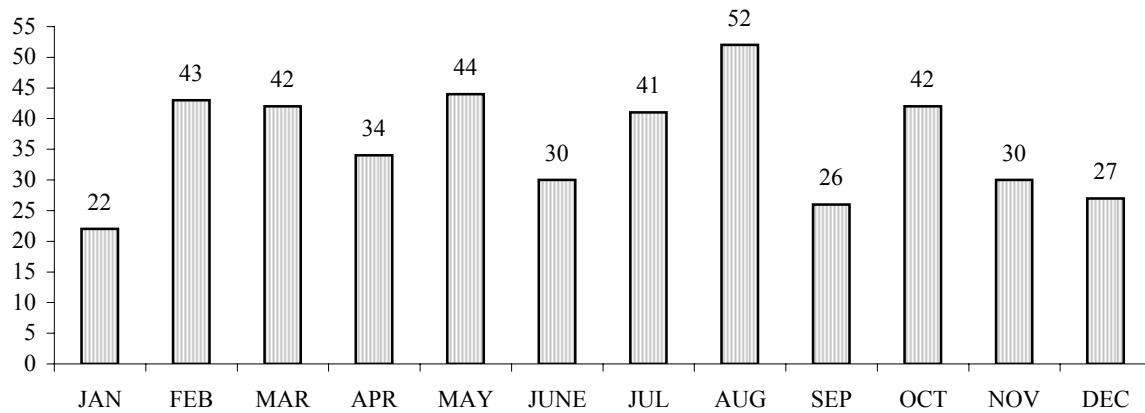
SUICIDE AGES 20 TO 65

TOTAL 433

CLASSIFIED BY DAY OF WEEK

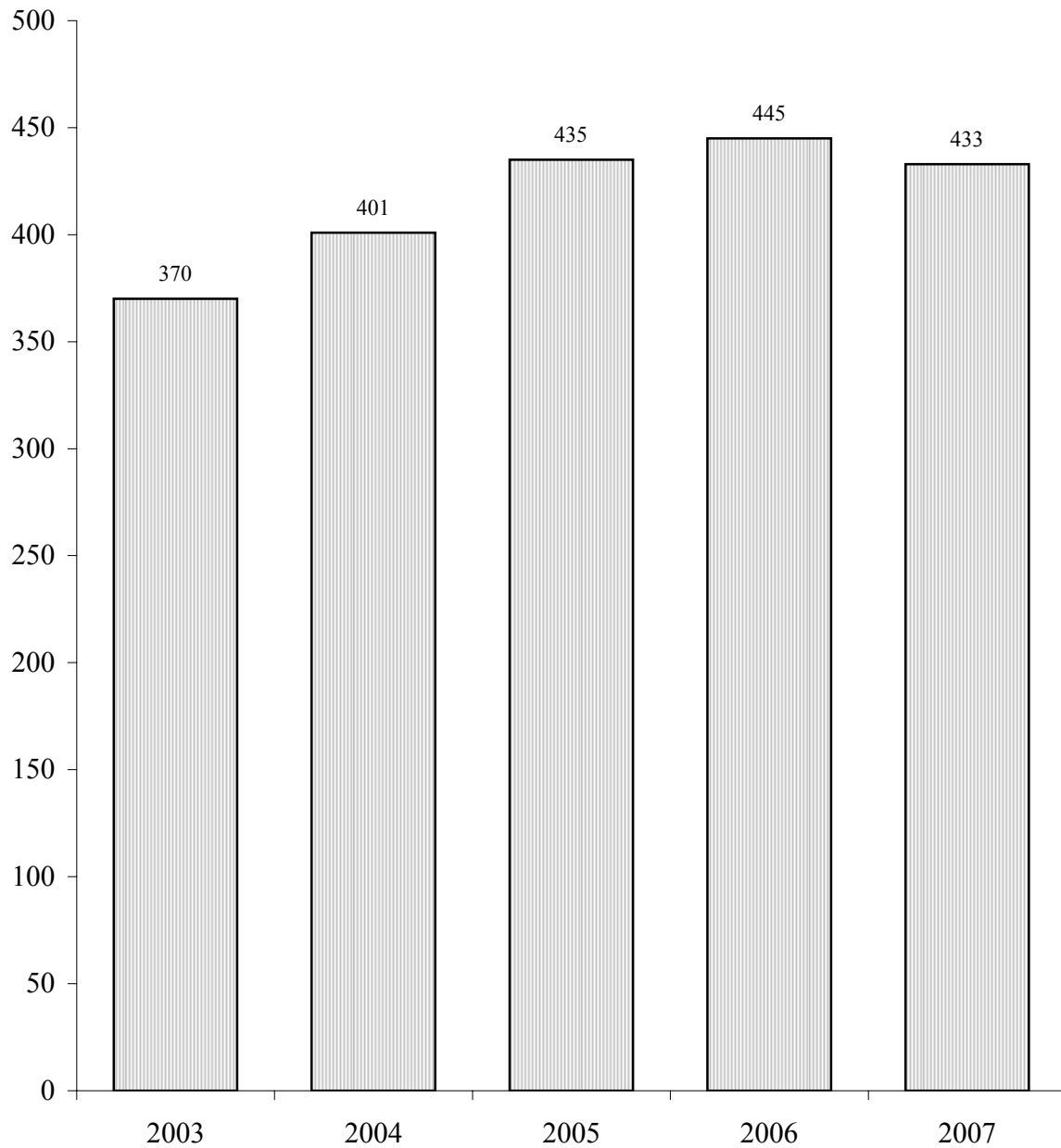


CLASSIFIED BY MONTH



SUICIDE AGES 20 TO 65 TOTAL 433

FIVE YEAR COMPARISON



SUICIDE AGES 20 TO 65

TOTAL 433

CLASSIFIED BY COUNTY

ADAIR	1
ATOKA	1
BEAVER	1
BECKHAM	2
BRYAN	7
CADDO	4
CANADIAH	5
CARTER	7
CHEROKEE	6
CHOCTAW	3
CLEVELAND	15
COAL	1
COMANCHE	16
COTTON	1
CRAIG	2
CREEK	9
CUSTER	1
DELAWARE	10
GARFIELD	8
GARVIN	6
GRADY	2
GRANT	1
HARMON	1
HUGHES	3
JEFFERSON	1
JOHNSTON	2
KAY	2
KINGFISH	1
KIOWA	1
LATIMER	2
LEFLORE	6
LINCOLN	1
LOGAN	2
LOVE	2
MAYES	6
MCCLAIN	3
MCCURTAIN	3
MCINTOSH	2
MURRAY	3
MUSKOGEE	9
NOBLE	2
NOWATA	5
OKLAHOMA	88
OKMULGEE	8
OSAGE	6
OTTAWA	6
PAWNEE	2

SUICIDE AGES 20 TO 65

TOTAL 433

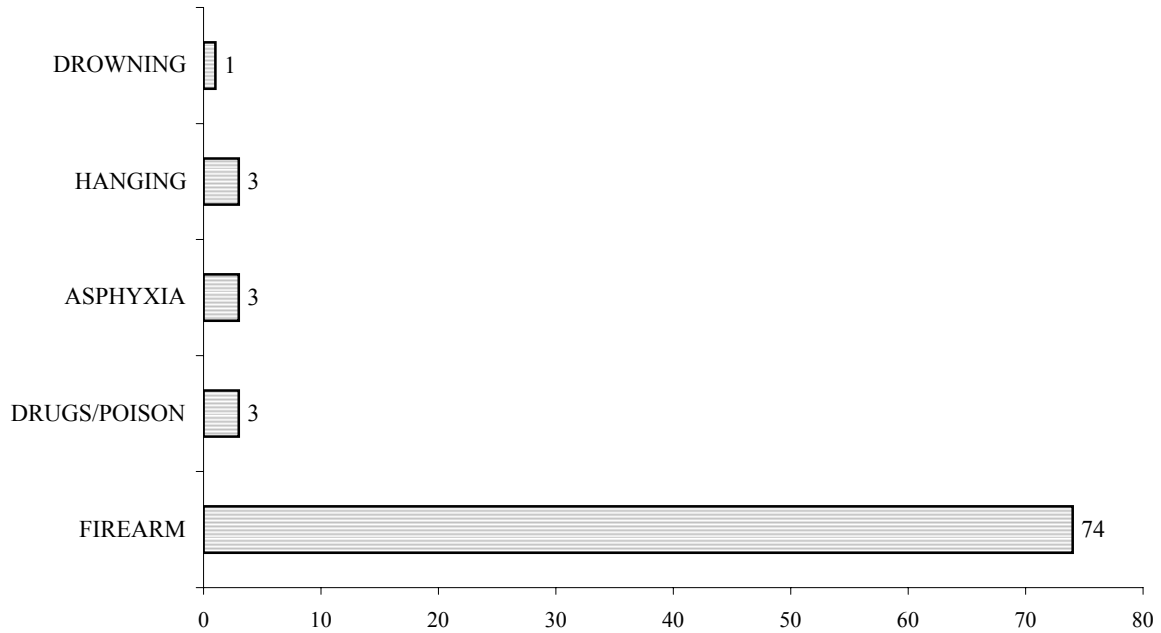
CLASSIFIED BY COUNTY

PAYNE	7
PITTSBURG	11
PONTOTOC	5
POTTAWATOMIE	5
PUSHMATAHA	1
ROGER MILLS	1
ROGERS	9
SEMINOLE	1
SEQUOYAH	7
STEPHENS	4
TEXAS	2
TULSA	83
WAGONER	4
WASHINGTON	10
WASHITA	4
WOODS	1
WOODWARD	2
TOTAL	433

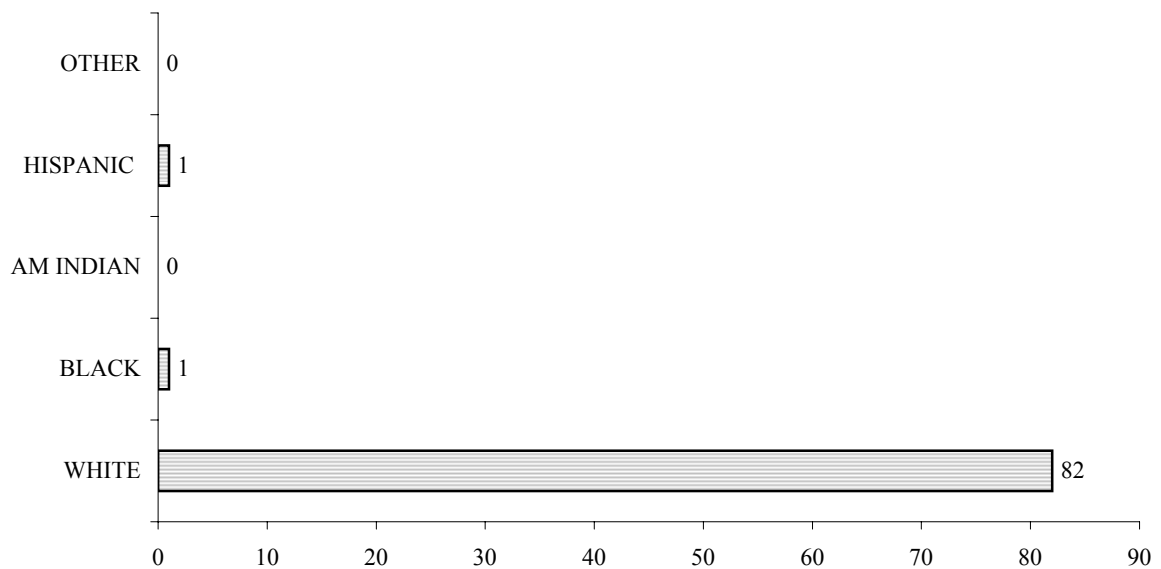
SUICIDE OVER AGE 65

TOTAL 84

CLASSIFIED BY METHOD



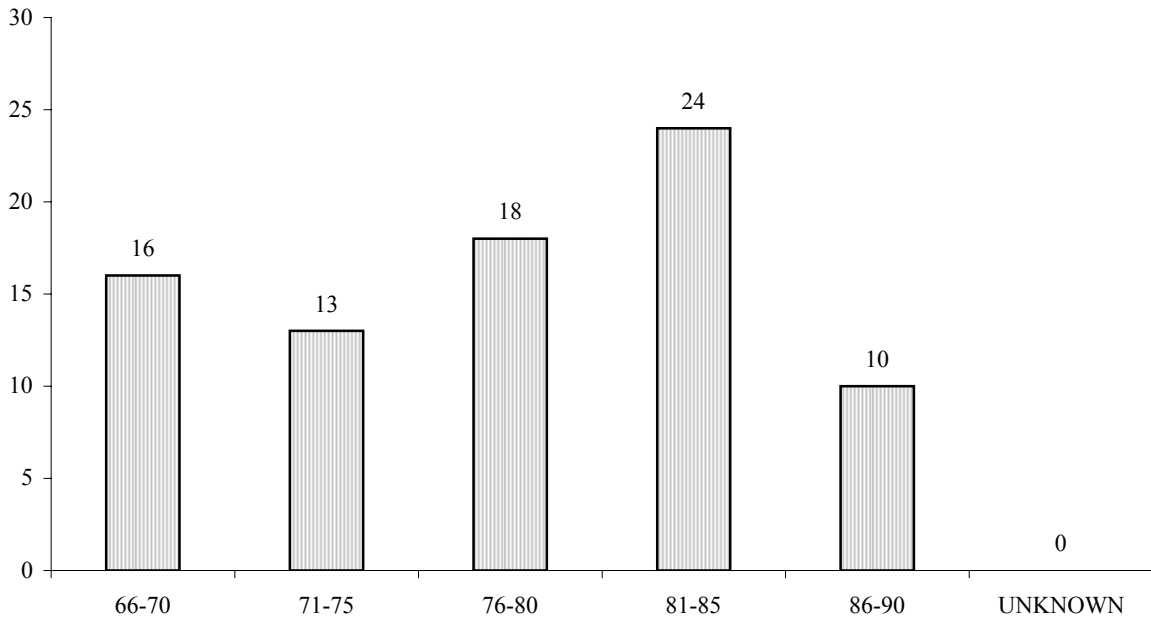
CLASSIFIED BY RACE



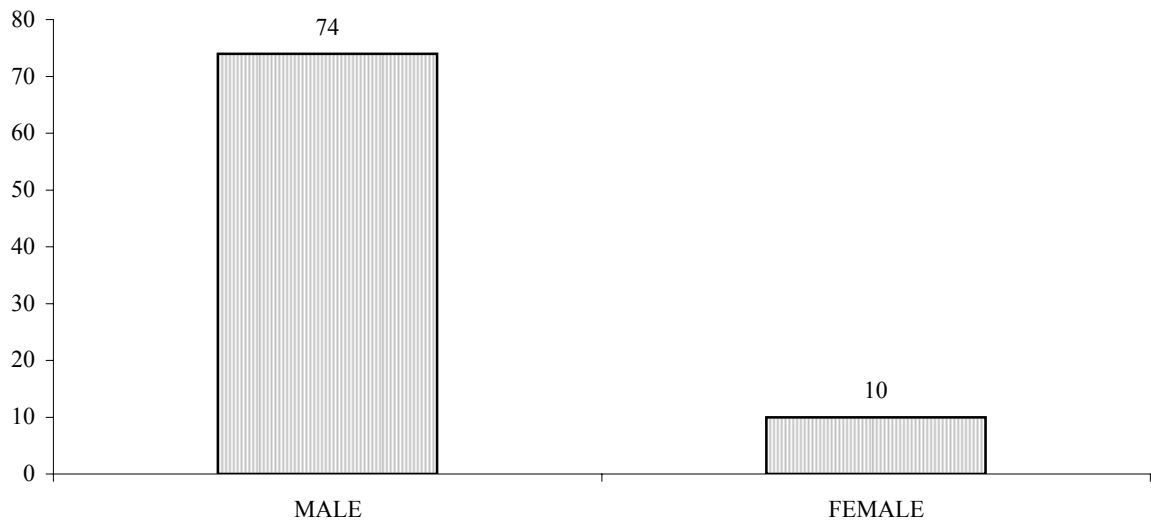
SUICIDE OVER AGE 65

TOTAL 84

CLASSIFIED BY AGE



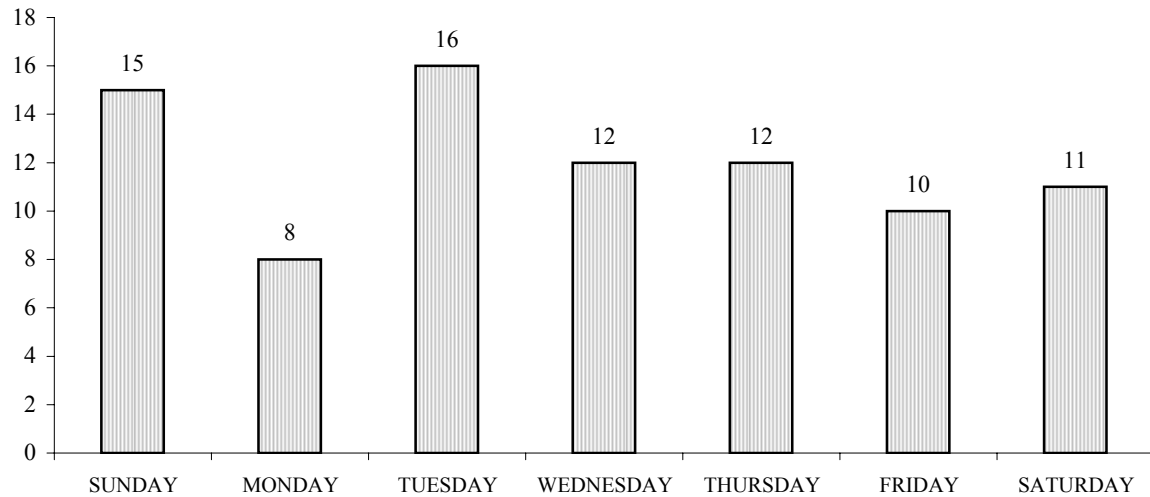
CLASSIFIED BY SEX



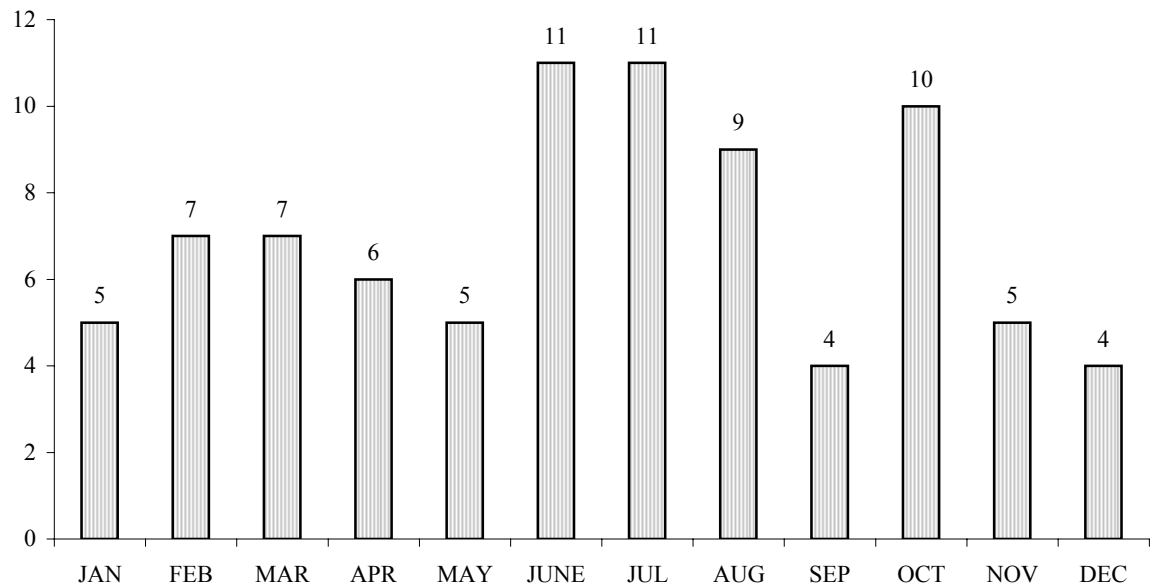
SUICIDE OVER AGE 65

TOTAL 84

CLASSIFIED BY DAY

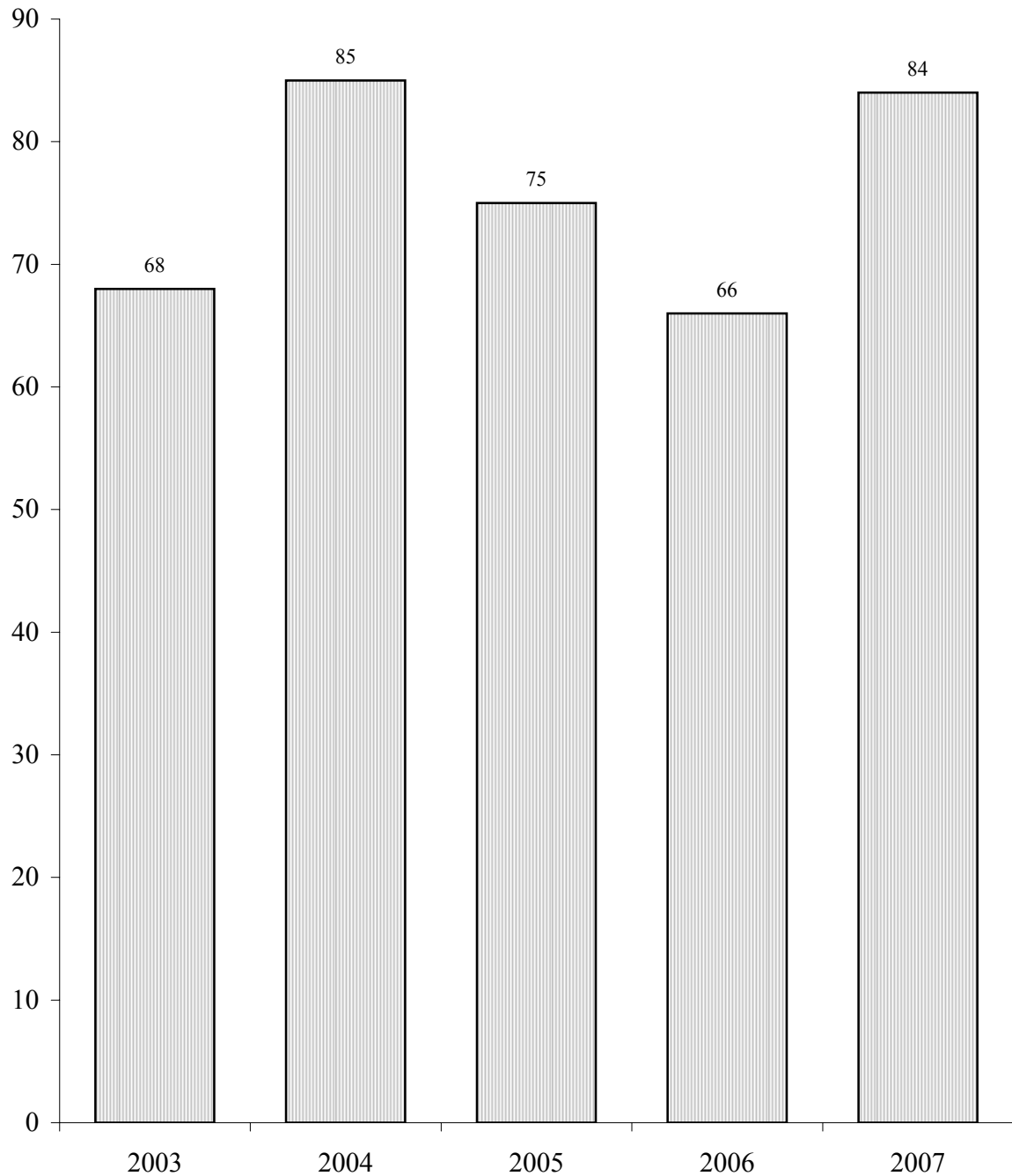


CLASSIFIED BY MONTH



SUICIDE OVER AGE 65 TOTAL 84

FIVE YEAR COMPARISON



SUICIDE OVER AGE 65

TOTAL 84

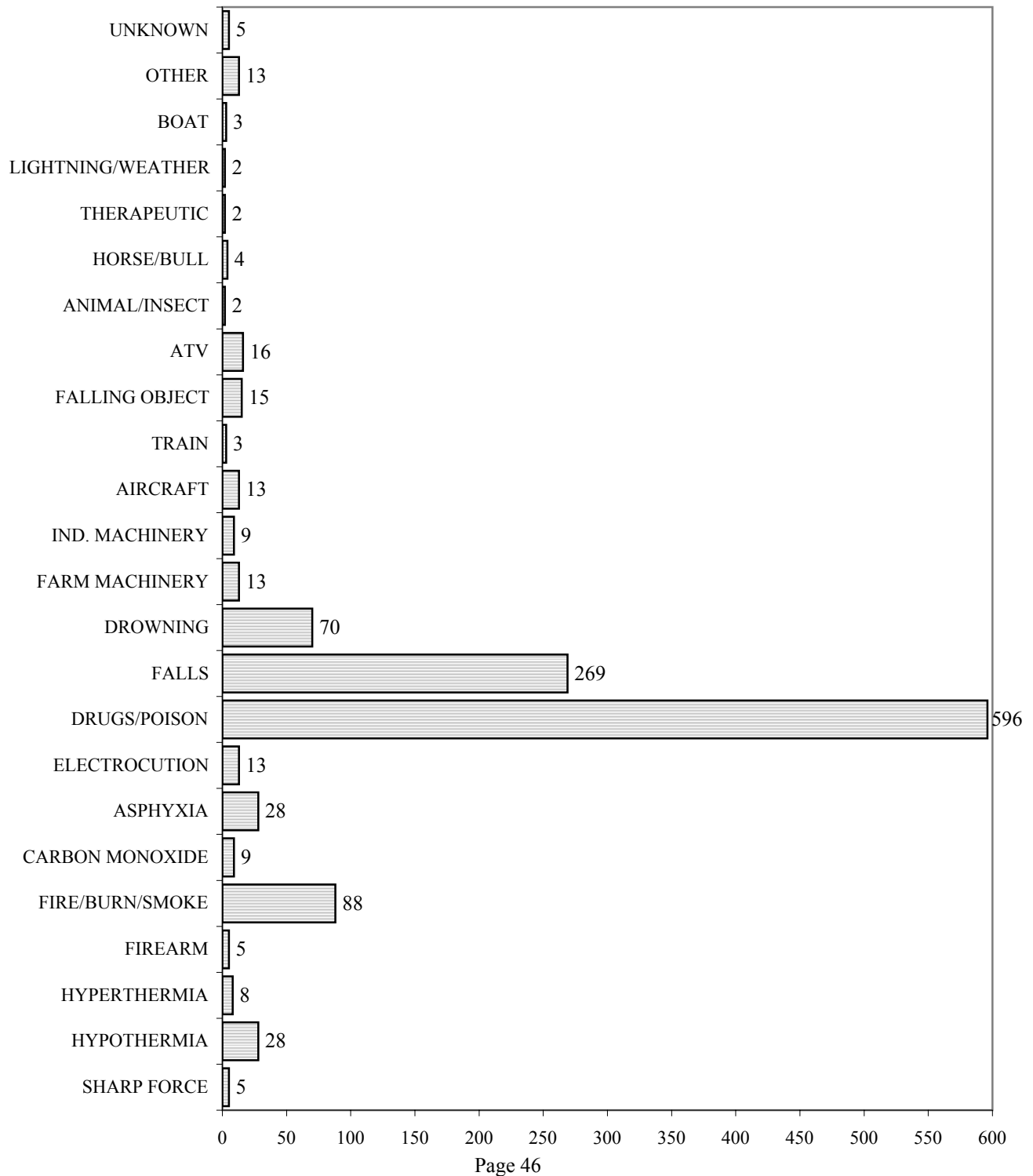
CLASSIFIED BY COUNTY

ALFALFA	1
BEAVER	1
BECKHAM	1
BRYAN	2
CANADIAN	8
CHOCTAW	1
CLEVELAND	5
COAL	1
CREEK	3
DELAWARE	1
GARFIELD	2
GRADY	1
HASKELL	1
KAY	2
LEFLORE	1
LOVE	1
MAYES	3
MUSKOGEE	1
OKLAHOMA	16
OTTAWA	2
PAWNEE	1
PAYNE	3
PITTSBURG	2
PONTOTOC	2
POTTWATOMIE	1
PUSHMATAHA	2
TEXAS	1
TULSA	16
WAGONER	1
WASHINGTON	1
TOTAL	84

ACCIDENTAL DEATHS

TOTAL 1219

(EXCLUDING TRAFFIC)



A C C I D E N T S

CLASSIFIED BY AGE													
MANNER/AGE	0-5	6-10	11-15	16-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	UNK	TOTAL
THERAPEUTIC	0	0	0	0	0	0	0	0	1	1	0	0	2
DROWNING	13	5	2	8	12	7	5	4	6	5	3	0	70
FARM MACHINERY	0	0	0	2	0	1	0	0	3	4	3	0	13
INDUSTRIAL MACHINERY	0	0	0	0	3	1	2	1	2	0	0	0	9
FALLING OBJECT	2	0	0	1	2	2	4	3	1	0	0	0	15
ATV/MOTORCYCLE	0	0	3	3	6	0	0	0	1	2	1	0	16
TRAIN	0	0	0	0	0	1	2	0	0	0	0	0	3
HORSE/BULL	0	1	2	0	1	0	0	0	0	0	0	0	4
BOAT	0	0	0	0	0	0	1	2	0	0	0	0	3
AIRCRAFT	0	0	2	1	2	0	1	5	1	1	0	0	13
ANIMAL/INSECT	0	0	0	0	0	0	0	0	1	0	1	0	2
LIGHTING/WEATHER	0	0	0	0	0	0	0	2	0	0	0	0	2
FIREARM	1	1	1	2	0	0	0	0	0	0	0	0	5
ASPHYXIA	11	0	2	0	1	2	3	3	1	2	3	0	28
FIRE/SMOKE	3	0	0	1	9	3	10	21	19	10	12	0	88
CARBON MONOXIDE	0	0	0	2	0	1	1	2	2	0	1	0	9
ELECTROCUTION	1	1	0	0	3	2	3	0	1	2	0	0	13
FALLS	0	0	1	0	3	7	12	20	27	62	137	0	269
HYPERTHERMIA	0	0	0	0	0	1	1	2	0	2	2	0	8
HYPOTHERMIA	0	0	0	0	0	2	7	6	5	4	4	0	28
DRUGS/POISONS	2	1	4	25	101	151	187	101	22	1	1	0	596
SHARP/FORCE	0	0	0	1	0	0	1	1	1	1	0	0	5
OTHER	1	0	0	0	2	2	3	3	1	0	1	0	13
UNKNOWN	0	0	0	0	1	2	1	1	0	0	0	0	5
TOTAL	34	9	17	46	146	185	244	177	95	97	169	0	1219

ACCIDENTS

CLASSIFIED BY RACE							
METHOD/RACE	WHITE	BLACK	AM INDIAN	HISPANIC	OTHERS	UNKNOWN	TOTAL
THERAPEUTIC	2	0	0	0	0	0	2
DROWNING	45	9	9	5	2	0	70
FARM MACHINERY	12	0	0	1	0	0	13
INDUSTRIAL MACHINERY	6	0	0	3	0	0	9
FALLING OBJECT	12	2	0	1	0	0	15
ATV/MOTORCYCLE	12	2	1	1	0	0	16
TRAIN	2	0	0	1	0	0	3
HORSE/BULL	4	0	0	0	0	0	4
BOAT	3	0	0	0	0	0	3
AIRCRAFT	13	0	0	0	0	0	13
ANIMAL/INSECT	2	0	0	0	0	0	2
LIGHTING/WEATHER	2	0	0	0	0	0	2
FIREARM	3	2	0	0	0	0	5
ASPHYXIA	22	5	1	0	0	0	28
FIRE/SMOKE	73	7	4	4	0	0	88
CARBON MONOXIDE	5	0	2	2	0	0	9
ELECTROCUTION	12	0	0	1	0	0	13
FALLS	237	13	9	9	1	0	269
HYPERTHERMIA	5	1	0	1	1	0	8
HYPOTHERMIA	21	0	6	1	0	0	28
DRUGS/POISONS	511	40	36	6	3	0	596
SHARP/FORCE	4	1	0	0	0	0	5
OTHER	13	0	0	0	0	0	13
UNKNOWN	4	0	1	0	0	0	5
TOTAL	1025	82	69	36	7	0	1219

A C C I D E N T S

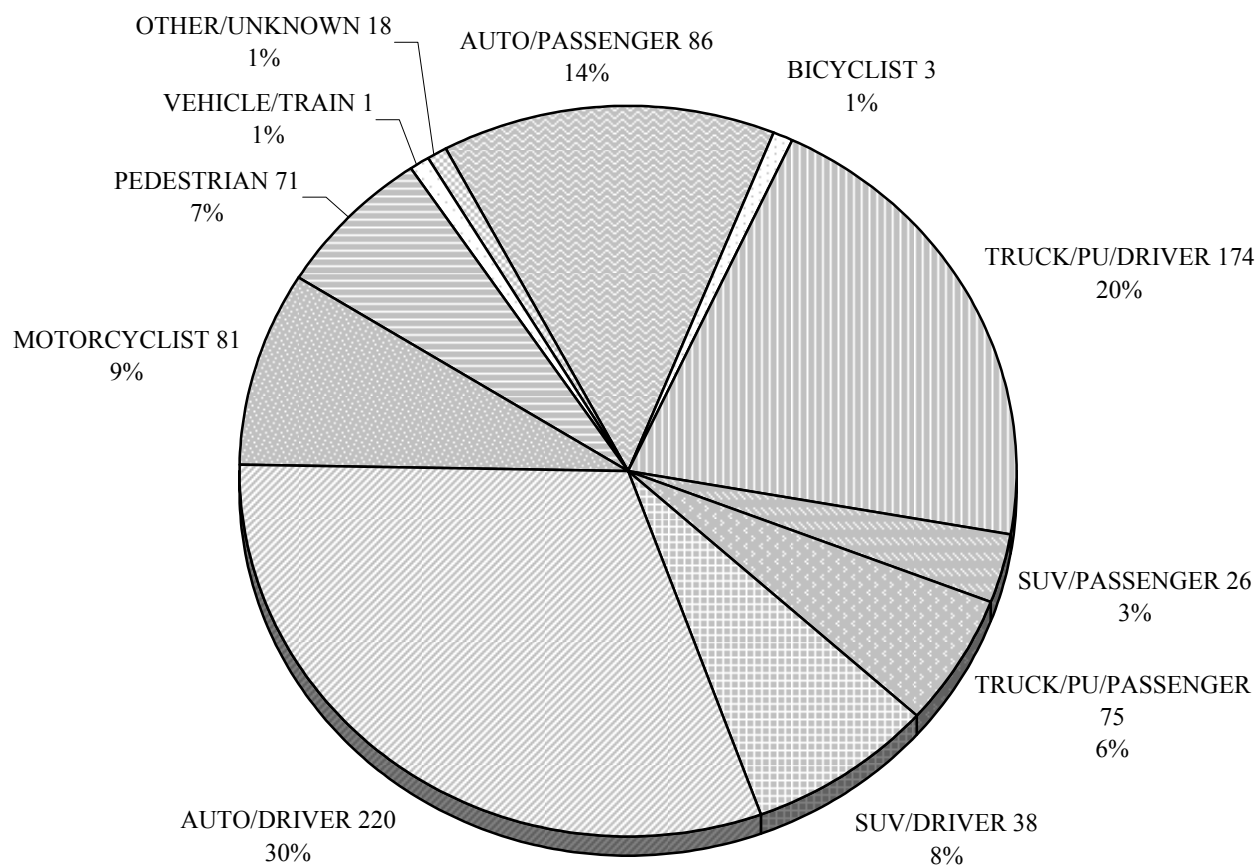
CLASSIFIED BY SEX				
METHOD/SEX	MALE	FEMALE	UNKNOWN	TOTAL
THERAPEUTIC	1	1	0	2
DROWNING	55	15	0	70
FARM MACHINERY	13	0	0	13
INDUSTRIAL MACHINERY	9	0	0	9
FALLING OBJECT	12	3	0	15
ATV/MOTORCYCLE	13	3	0	16
TRAIN	2	1	0	3
HORSE/BULL	2	2	0	4
BOAT	3	0	0	3
AIRCRAFT	9	4	0	13
ANIMAL/INSECT	0	2	0	2
LIGHTING/WEATHER	1	1	0	2
FIREARM	5	0	0	5
ASPHYXIA	14	14	0	28
FIRE/SMOKE	49	39	0	88
CARBON MONOXIDE	5	4	0	9
ELECTROCUTION	13	0	0	13
FALLS	140	129	0	269
HYPERTHERMIA	6	2	0	8
HYPOTHERMIA	20	8	0	28
DRUGS/POISONS	361	235	0	596
SHARP/FORCE	5	0	0	5
OTHER	10	3	0	13
UNKNOWN	2	3	0	5
TOTAL	750	469	0	1219

ACCIDENTS

CLASSIFIED BY BLOOD ALCOHOL									
METHOD/ETOH	NO	TEST	NEG	0.02 - 0.04	0.05 - 0.09	0.10 - 0.19	0.20 - 0.29	0.30+	TOTAL
THERAPEUTIC	2	0	0	0	0	0	0	0	2
DROWNING	12	32	8	2	5	7	4	70	
FARM MACHINERY	0	12	1	0	0	0	0	13	
INDUSTRIAL MACHINERY	1	8	0	0	0	0	0	9	
FALLING OBJECT	3	11	1	0	0	0	0	15	
ATV/MOTORCYCLE	5	8	1	0	2	0	0	16	
TRAIN	0	0	0	0	0	1	2	3	
HORSE/BULL	3	1	0	0	0	0	0	4	
BOAT	0	1	0	1	1	0	0	3	
AIRCRAFT	7	6	0	0	0	0	0	13	
ANIMAL/INSECT	1	1	0	0	0	0	0	2	
LIGHTING/WEATHER	0	2	0	0	0	0	0	2	
FIREARM	3	1	0	0	1	0	0	5	
ASPHYXIA	4	24	0	0	0	0	0	28	
FIRE/SMOKE	33	36	1	1	7	5	5	88	
CARBON MONOXIDE	0	6	0	0	3	0	0	9	
ELECTROCUTION	3	10	0	0	0	0	0	13	
FALLS	204	58	0	3	1	1	2	269	
HYPERTHERMIA	2	4	0	1	0	1	0	8	
HYPOTHERMIA	3	12	1	2	4	3	3	28	
DRUGS/POISONS	14	471	23	19	23	15	31	596	
SHARP/FORCE	1	3	0	0	0	1	0	5	
OTHER	8	4	0	1	0	0	0	13	
UNKNOWN	1	3	1	0	0	0	0	5	
TOTAL	310	714	37	30	47	34	47	1219	

TRAFFIC DEATHS

TOTAL 793



T R A F F I C

CLASSIFIED BY AGE													
MANNER/AGE	0-5	6-10	11-15	16-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	UNK	TOTAL
BICYCLIST	0	2	0	0	0	0	1	0	0	0	0	0	3
VEHICLE/TRAIN	0	0	0	0	0	1	0	0	0	0	0	0	1
PEDESTRIAN	2	3	2	4	17	10	15	8	2	4	4	0	71
MOTORCYCLIST	0	0	1	1	16	13	14	28	8	0	0	0	81
TRUCK/PU/PASS	3	2	3	10	25	7	9	9	5	2	0	0	75
TRUCK/PU/DRIVER	0	0	1	13	44	30	34	23	15	10	4	0	174
AUTO/PASSENGER	6	7	7	11	16	5	7	5	4	6	12	0	86
AUTO/DRIVER	1	0	0	26	48	29	37	24	14	28	13	0	220
SUV/PASSENGER	3	4	1	4	3	4	2	2	1	0	1	1	26
SUV/DRIVER	0	0	1	3	9	4	8	9	2	1	1	0	38
OTHER/UNKNOWN	0	0	0	0	6	1	3	4	3	1	0	0	18
TOTAL	15	18	16	72	184	104	130	112	54	52	35	1	793

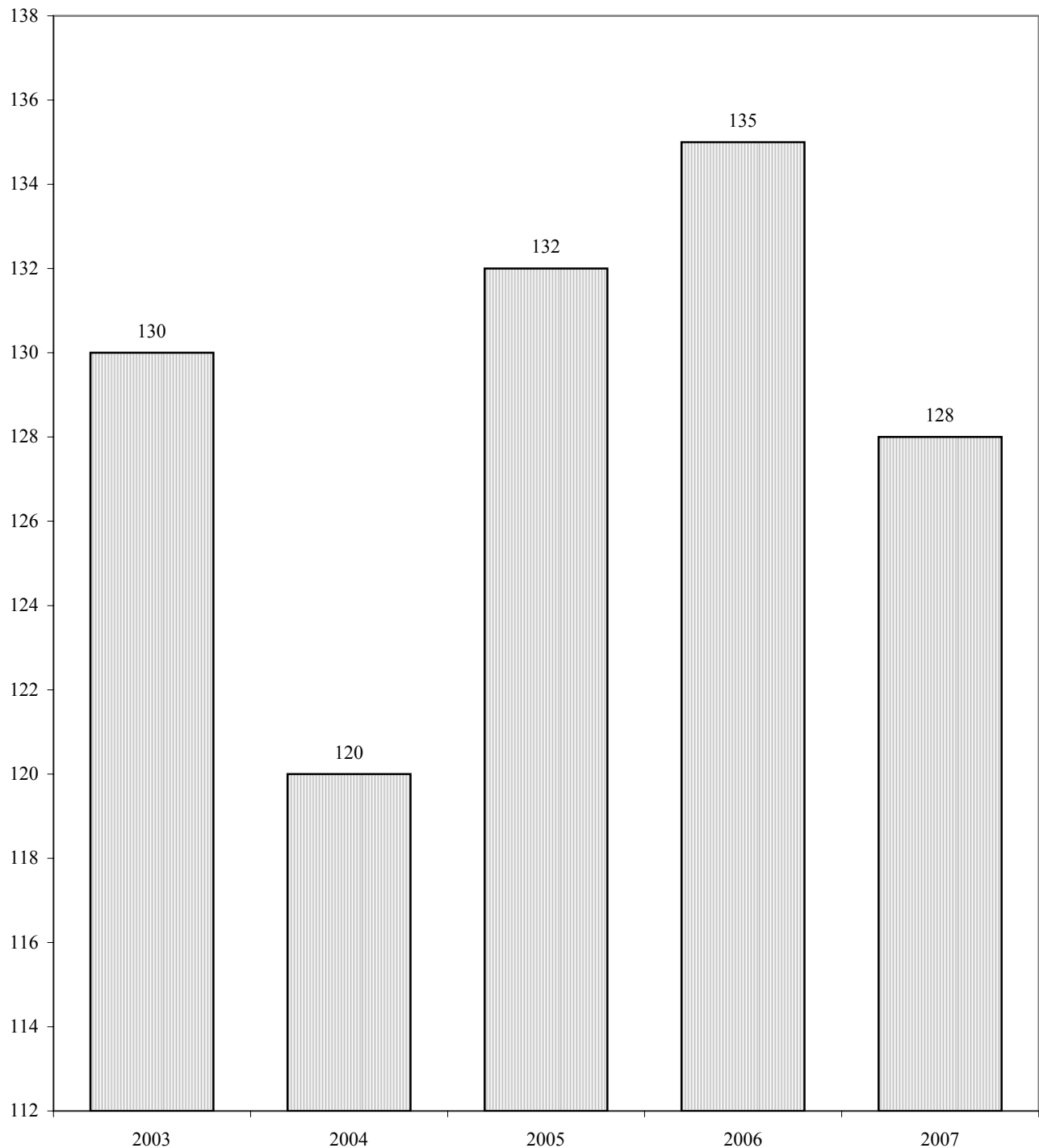
CLASSIFIED BY RACE							
METHOD/RACE	WHITE	BLACK	AM INDIAN	HISPANIC	OTHERS	UNKNOWN	TOTAL
BICYCLIST	3	0	0	0	0	0	3
VEHICLE/TRAIN	1	0	0	0	0	0	1
PEDESTRIAN	52	8	5	5	1	0	71
MOTORCYCLIST	80	1	0	0	0	0	81
TRUCK/PU/PASS	44	6	6	18	1	0	75
TRUCK/PU/DRIVER	146	6	12	10	0	0	174
AUTO/PASSENGER	62	7	8	5	4	0	86
AUTO/DRIVER	178	12	17	11	2	0	220
SUV/PASSENGER	11	3	0	12	0	0	26
SUV/DRIVER	29	4	1	4	0	0	38
OTHER/UNKNOWN	14	2	2	0	0	0	18
TOTAL	620	49	51	65	8	0	793

T R A F F I C

CLASSIFIED BY BLOOD ALCOHOL								
METHOD/ETOH	NO TEST	NEG	0.02 - 0.04	0.05 - 0.09	0.10 - 0.19	0.20 - 0.29	0.30+	TOTAL
BICYCLIST	1	2	0	0	0	0	0	3
VEHICLE/TRAIN	0	0	1	0	0	0	0	1
PEDESTRIAN	12	36	1	2	9	9	2	71
MOTORCYCLIST	10	49	1	0	13	6	2	81
TRUCK/PU/PASS	57	11	0	2	3	2	0	75
TRUCK/PU/DRIVER	11	108	3	2	19	25	6	174
AUTO/PASSENGER	66	13	0	2	1	3	1	86
AUTO/DRIVER	27	139	0	5	27	19	3	220
SUV/PASSENGER	18	8	0	0	0	0	0	26
SUV/DRIVER	4	23	1	1	5	2	2	38
OTHER/UNKNOWN	3	10	0	1	3	1	0	18
TOTAL	209	399	7	15	80	67	16	793

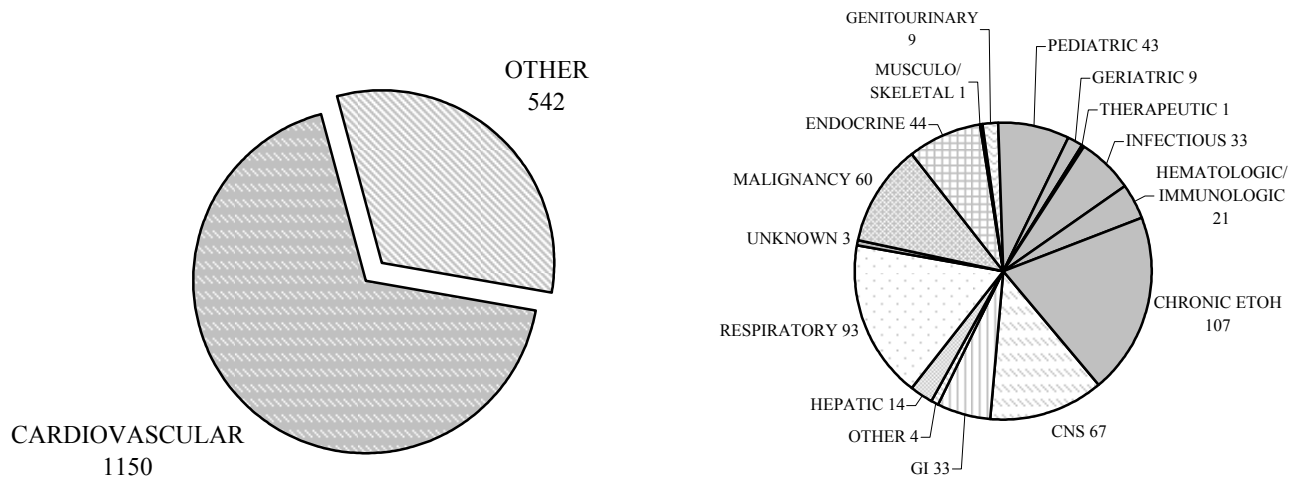
CLASSIFIED BY SEX				
METHOD/SEX	MALE	FEMALE	UNKNOWN	TOTAL
BICYCLIST	3	0	0	3
VEHICLE/TRAIN	1	0	0	1
PEDESTRIAN	51	20	0	71
MOTORCYCLIST	73	8	0	81
TRUCK/PU/PASS	45	30	0	75
TRUCK/PU/DRIVER	144	30	0	174
AUTO/PASSENGER	36	50	0	86
AUTO/DRIVER	135	85	0	220
SUV/PASSENGER	19	7	0	26
SUV/DRIVER	25	13	0	38
OTHER/UNKNOWN	13	5	0	18
TOTAL	545	248	0	793

TRAFFIC - DRIVER ALCOHOL GREATER THAN 0.08% W/V FIVE YEAR COMPARISON



NATURAL DEATHS

TOTAL 1692



Deaths that are classified as natural are those that occur in conformity with the ordinary course of nature. They generally come under the jurisdiction of the medical examiner because they are sudden and unexpected, often in individuals who are not being followed for any known potentially lethal disease. Some come to the attention of the medical examiner because circumstances surrounding the death arouse suspicion. In 2007, 1692 deaths were certified by the medical examiner as attributable to natural causes. Of these, 1150 (67%) were attributed to cardiovascular disease.

N A T U R A L S

CLASSIFIED BY AGE													
MANNER/AGE	0-5	6-10	11-15	16-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	UNK	TOTAL
CARDIOVASCULAR	2	1	1	1	14	49	210	311	250	182	129	0	1150
RESPIRATORY	6	3	1	2	6	8	17	17	14	11	8	0	93
SIDS	23	0	0	0	0	0	0	0	0	0	0	0	23
CNS	2	0	2	1	6	3	12	15	10	5	11	0	67
MALIGNANCY	0	0	0	0	1	4	11	22	9	8	5	0	60
HEPATIC	0	0	0	0	0	0	4	5	3	1	1	0	14
ENDOCRINE	0	0	0	1	4	5	7	13	8	3	3	0	44
GASTROINTESTINAL	1	0	0	0	2	2	4	10	6	3	5	0	33
CHRONIC ETHANOLISM	0	0	0	0	1	11	28	50	13	3	1	0	107
MUSCULOSKELETAL	0	0	0	0	1	0	0	0	0	0	0	0	1
GENITOURINARY	0	0	0	0	0	1	1	4	1	1	1	0	9
PEDIATRIC (NOT SIDS)	19	1	0	0	0	0	0	0	0	0	0	0	20
GERIATRIC	0	0	0	0	0	0	0	0	0	1	8	0	9
THERAPEUTIC	0	0	0	1	0	0	0	0	0	0	0	0	1
INFECTIOUS	2	2	0	1	2	5	9	4	3	3	2	0	33
HEMATOLOGIC/ IMMUNOLOGIC	0	0	0	0	4	8	3	2	2	0	1	1	21
OTHER	0	0	0	0	0	2	0	1	1	0	0	0	4
UNDETERMINED	0	0	0	1	0	2	0	0	0	0	0	0	3
TOTAL	55	7	4	8	41	100	306	454	320	221	175	1	1692

N A T U R A L S

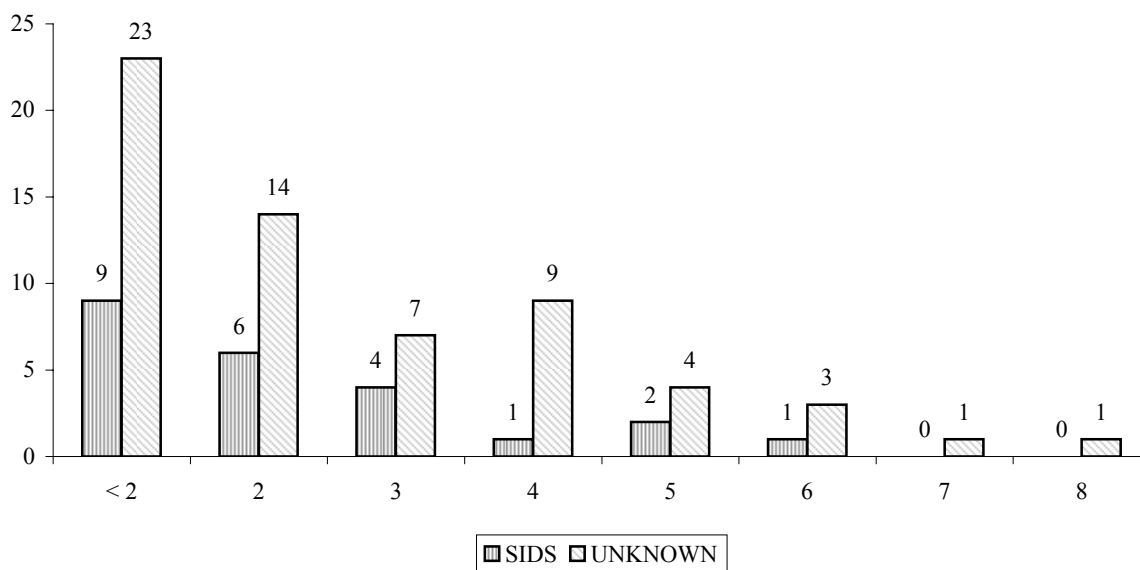
CLASSIFIED BY RACE							
METHOD/RACE	WHITE	BLACK	AM INDIAN	HISPANIC	OTHERS	UNKNOWN	TOTAL
CARDIOVASCULAR	935	127	55	22	11	0	1150
RESPIRATORY	82	10	1	0	0	0	93
SIDS	17	4	1	1	0	0	23
CNS	51	11	3	2	0	0	67
MALIGNANCY	50	9	1	0	0	0	60
HEPATIC	10	2	2	0	0	0	14
ENDOCRINE	35	3	4	2	0	0	44
GASTROINTESTINAL	29	2	0	2	0	0	33
CHRONIC ETHANOLISM	89	5	12	1	0	0	107
MUSCULOSKELETAL	1	0	0	0	0	0	1
GENITOURINARY	8	1	0	0	0	0	9
PEDIATRIC (NOT SIDS)	12	6	2	0	0	0	20
GERIATRIC	7	2	0	0	0	0	9
THERAPEUTIC	1	0	0	0	0	0	1
INFECTIOUS	26	4	1	2	0	0	33
HEMATOLOGIC/ IMMUNOLOGIC	14	4	1	2	0	0	21
OTHER	3	0	1	0	0	0	4
UNDETERMINED	2	0	1	0	0	0	3
TOTAL	1372	190	85	34	11	0	1692

N A T U R A L S

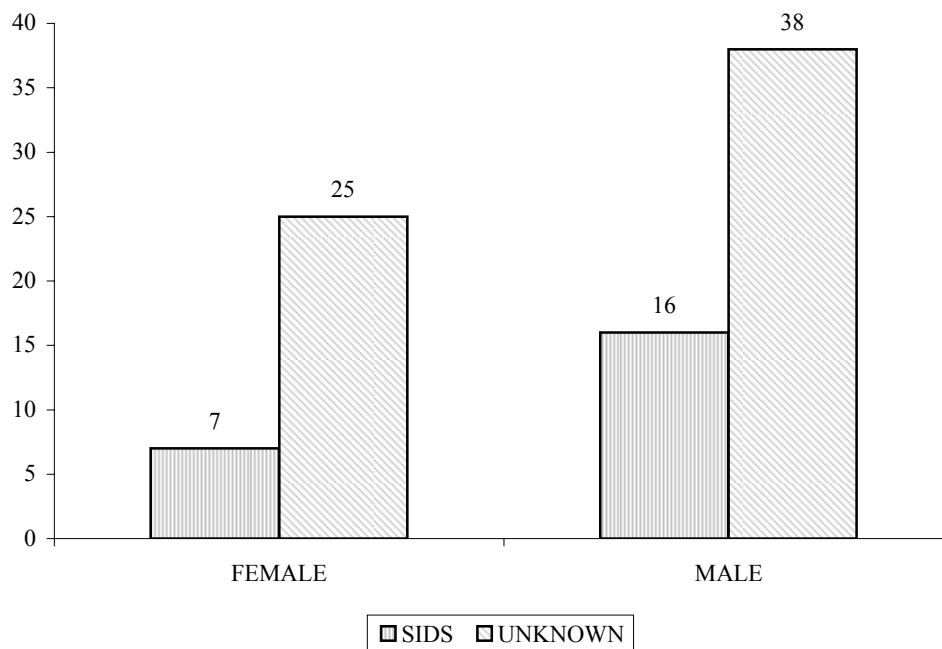
CLASSIFIED BY SEX				
METHOD/SEX	MALE	FEMALE	UNKNOWN	TOTAL
CARDIOVASCULAR	816	334	0	1150
RESPIRATORY	56	37	0	93
SIDS	16	7	0	23
CNS	33	34	0	67
MALIGNANCY	44	16	0	60
HEPATIC	10	4	0	14
ENDOCRINE	28	16	0	44
GASTROINTESTINAL	21	12	0	33
CHRONIC				
ETHANOLISM	82	25	0	107
MUSCULOSKELETAL	1	0	0	1
GENITOURINARY	5	4	0	9
PEDIATRIC (NOT SIDS)	12	8	0	20
GERIATRIC	4	5	0	9
THERAPEUTIC	0	1	0	1
INFECTIOUS	18	15	0	33
HEMATOLOGIC/				
IMMUNOLOGIC	13	8	0	21
OTHER	2	2	0	4
UNDETERMINED	3	0	0	3
TOTAL	1164	528	0	1692

COMPARISON SIDS VS UNKNOWN DEATHS AGES LESS THAN 1 YEAR

CLASSIFIED BY AGE

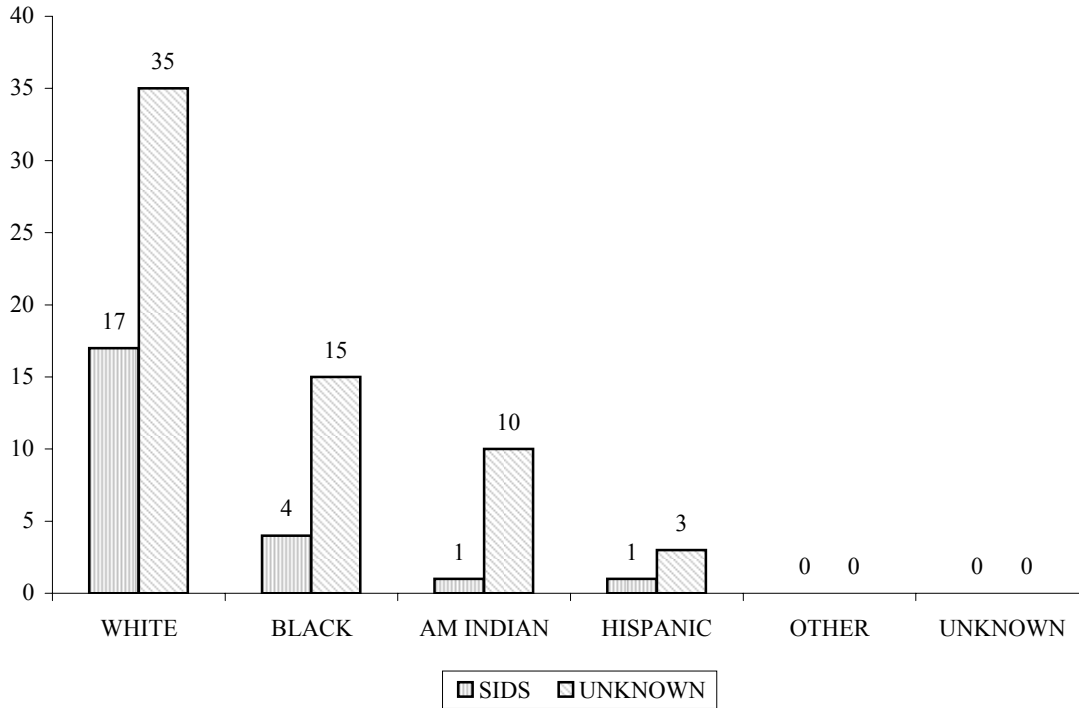


CLASSIFIED BY SEX

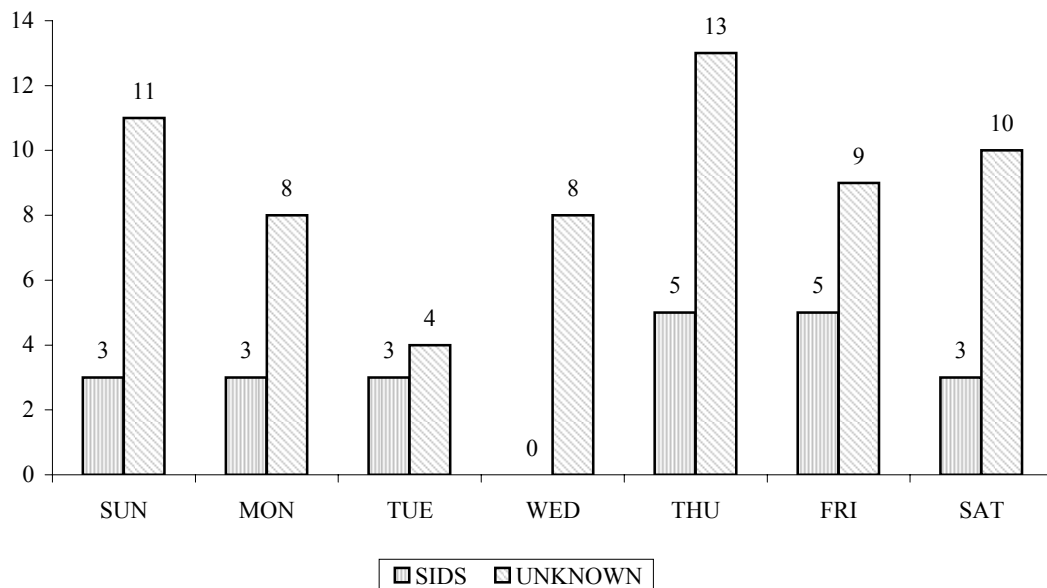


COMPARISON SIDS VS UNKNOWN DEATHS AGES LESS THAN 1 YEAR

CLASSIFIED BY RACE

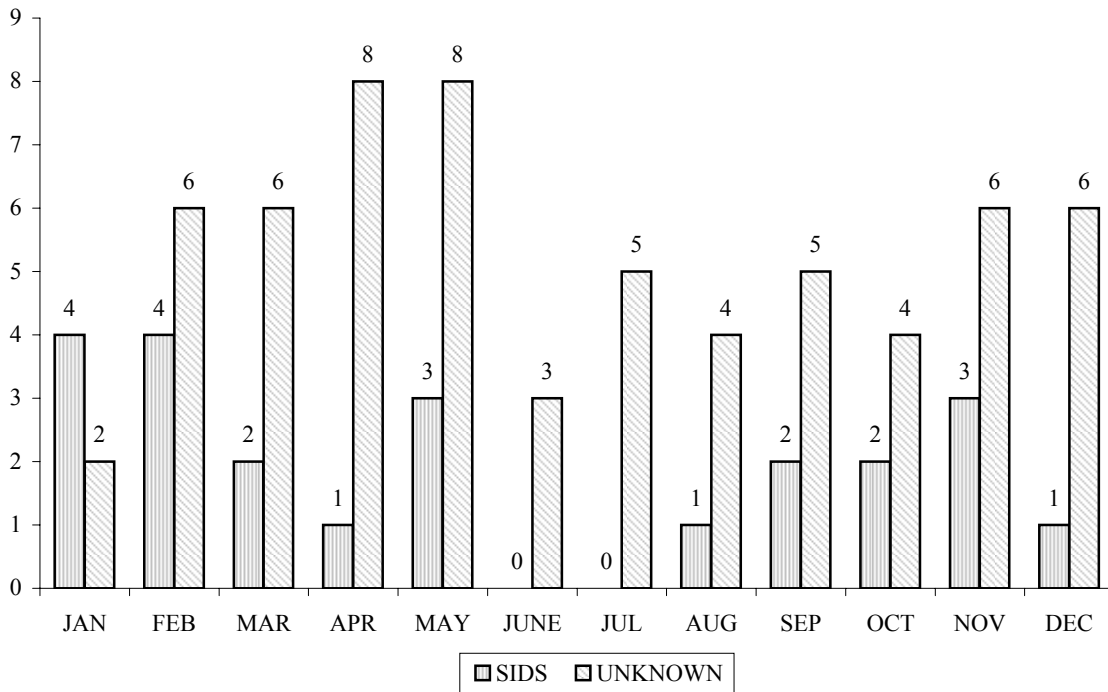


CLASSIFIED BY DAY OF WEEK

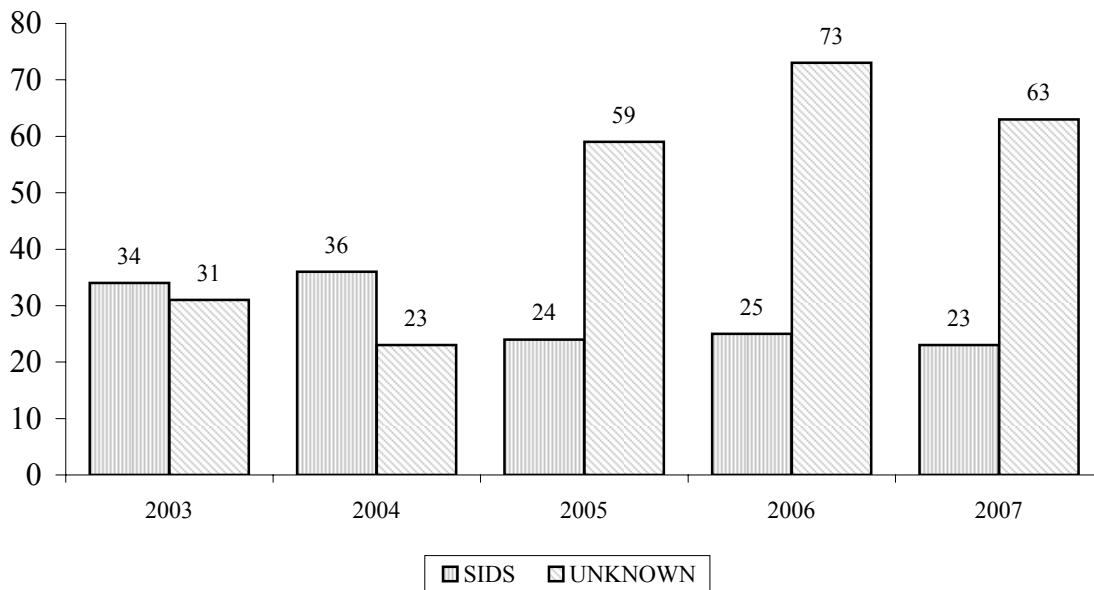


COMPARISON SIDS VS UNKNOWN DEATHS AGES LESS THAN 1 YEAR

CLASSIFIED BY MONTH

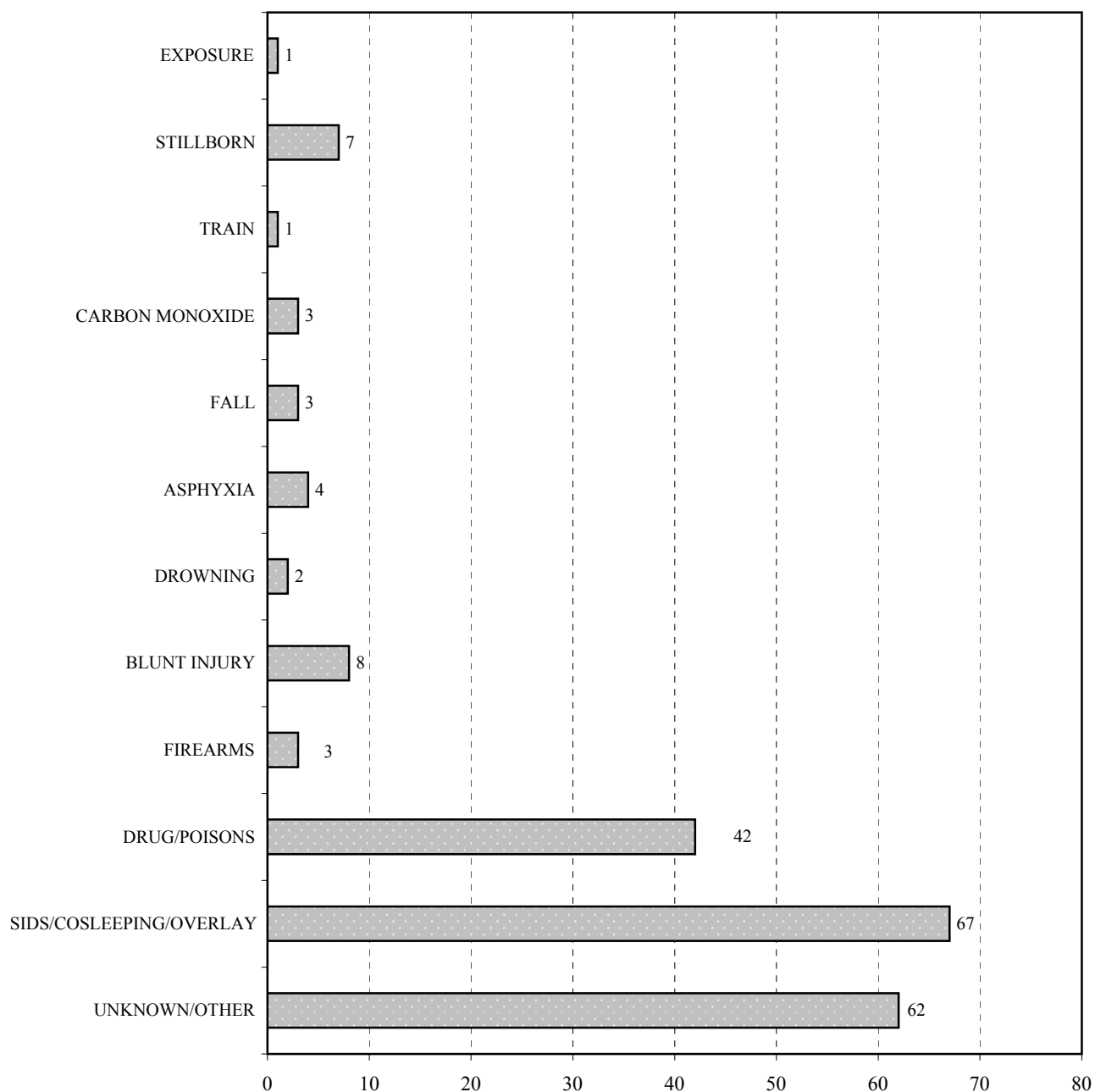


FIVE YEAR COMPARISON



UNDETERMINED MANNER OF DEATH

TOTAL 203



Deaths are certified as undetermined when serious doubt exists as to the manner of death. Information concerning the circumstances may be lacking because of the absence of background information, lack of witnesses, or because of a lengthy delay between death and discovery. If an extensive investigation and autopsy cannot clarify the situation, the death is placed in this category.

**MEDICAL EXAMINER CASES
EXAMINED AND/OR AUTOPSIED**

MANNER OF DEATH BY COUNTY							
COUNTY	ACCIDENT	TRAFFIC	HOMICIDE	SUICIDE	NATURAL	UNDETER	TOTAL
ADAIR	2	2	2	1	7	0	14
ALFALFA	0	2	0	1	2	0	5
ATOKA	4	5	0	1	6	0	16
BEAVER	3	1	1	2	1	0	8
BECKHAM	11	10	0	3	15	0	39
BLAINE	2	4	0	0	7	1	14
BRYAN	11	14	6	9	40	1	81
CADDO	15	15	1	4	9	1	45
CANADIAN	20	12	8	13	23	7	83
CARTER	13	11	4	7	40	6	81
CHEROKEE	18	12	4	6	17	2	59
CHOCTAW	8	3	3	4	10	1	29
CIMARRON	0	1	0	0	1	2	4
CLEVELAND	49	19	5	20	73	5	171
COAL	4	2	0	2	0	1	9
COMANCHE	33	25	14	17	51	8	148
COTTON	1	2	0	1	2	0	6
CRAIG	3	4	0	2	7	0	16
CREEK	24	14	1	12	23	2	76
CUSTER	3	9	2	1	7	0	22
DELAWARE	5	1	4	11	22	1	44
DEWEY	1	0	1	0	12	0	14
ELLIS	1	1	0	0	3	0	5
GARFIELD	8	7	5	10	30	2	62
GARVIN	4	7	4	6	49	2	72
GRADY	8	7	0	5	17	0	37
GRANT	0	1	0	1	1	0	3
GREER	2	2	1	0	2	1	8
HARMON	2	1	1	1	1	0	6
HARPER	1	0	0	0	2	0	3
HASKELL	3	1	0	1	3	0	8

MANNER OF DEATH BY COUNTY							
COUNTY	ACCIDENT	TRAFFIC	HOMICIDE	SUICIDE	NATURAL	UNDETER	TOTAL
HUGHES	0	0	1	3	10	1	15
JACKSON	6	6	0	0	16	1	29
JEFFERSON	3	2	0	1	3	1	10
JOHNSTON	4	7	0	2	4	1	18
KAY	17	13	2	5	20	3	60
KINGFISHER	6	2	0	1	0	0	9
KIOWA	2	1	1	2	1	0	7
LATIMER	3	7	0	2	7	0	19
LEFLORE	14	12	1	8	25	0	60
LINCOLN	9	9	0	1	22	0	41
LOGAN	5	8	1	2	13	0	29
LOVE	4	3	0	3	13	0	23
MAJOR	1	2	0	0	2	0	5
MARSHALL	4	7	0	0	12	0	23
MAYES	11	9	0	9	17	4	50
McCLAIN	4	16	2	3	17	0	42
McCURTAIN	14	10	6	3	20	0	53
McINTOSH	10	7	1	2	15	1	36
MURRAY	5	4	0	3	10	1	23
MUSKOGEE	18	10	5	10	32	8	83
NOBLE	3	2	1	2	5	0	13
NOWATA	3	1	0	5	4	0	13
OKFUSKEE	4	11	1	0	8	0	24
OKLAHOMA	303	140	80	110	383	44	1060
OKMULGEE	10	8	1	8	21	8	56
OSAGE	6	6	3	7	18	2	42
OTTAWA	7	7	0	9	18	1	42
PAWNEE	4	5	0	4	6	2	21
PAYNE	14	7	2	10	12	6	51
PITTSBURG	17	16	9	13	33	4	92
PONTOTOC	11	11	2	7	18	0	49
POTTAWATOMIE	23	13	4	7	42	6	95
PUSHMATAHA	4	3	0	3	5	0	15
ROGER MILLS	0	2	0	1	1	0	4

MANNER OF DEATH BY COUNTY							
COUNTY	ACCIDENT	TRAFFIC	HOMICIDE	SUICIDE	NATURAL	UNDETER	TOTAL
ROGERS	17	17	1	9	19	3	66
SEMINOLE	6	10	0	1	14	0	31
SEQUOYAH	13	4	1	7	18	3	46
STEPHENS	18	9	1	4	16	2	50
TEXAS	2	3	0	3	5	0	13
TILLMAN	0	2	0	0	2	0	4
TULSA	316	139	72	105	252	48	932
WAGONER	17	4	2	5	18	3	49
WASHINGTON	14	13	0	11	13	4	55
WASHITA	5	23	0	4	8	0	40
WOODS	2	2	0	1	4	0	9
WOODWARD	1	5	0	2	7	2	17
OUT OF STATE	0	0	1	0	0	1	2
TOTAL	1219	793	268	539	1692	203	4714

DEATHS REPORTED TO THE MEDICAL EXAMINER

TYPES OF DEATH BY COUNTY						
COUNTY	EXTERNAL EXAMINATION	TRANSPORT OUT OF STATE*	CREMATIONS*	AUTOPIES	JURISDICTION WAIVED	TOTAL
ADAIR	11	9	11	3	13	47
ALFALFA	4	1	5	1	2	13
ATOKA	10	0	12	6	9	37
BEAVER	6	10	0	2	11	29
BECKHAM	25	14	34	14	29	116
BLAINE	12	0	12	2	8	34
BRYAN	57	68	63	24	21	233
CADDO	35	6	31	10	16	98
CANADIAN	48	24	108	35	61	276
CARTER	61	28	116	20	88	313
CHEROKEE	36	12	94	23	26	191
CHOCTAW	17	17	11	12	10	67
CIMARRON	3	3	1	1	2	10
CLEVELAND	94	79	478	77	170	898
COAL	8	2	10	1	3	24
COMANCHE	97	55	223	51	117	543
COTTON	6	2	10	0	8	26
CRAIG	10	11	41	6	9	77
CREEK	47	12	150	29	37	275
CUSTER	15	11	48	7	74	155
DELAWARE	25	138	69	19	35	286
DEWEY	9	2	3	5	7	26
ELLIS	3	3	4	2	11	23
GARFIELD	45	42	171	17	104	379
GARVIN	59	9	54	13	24	159
GRADY	27	12	61	10	40	150
GRANT	3	2	3	0	1	9
GREER	5	2	8	3	5	23
HARMON	4	4	1	2	3	14
HARPER	3	2	3	0	8	16
HASKELL	8	4	12	0	10	34

TYPES OF DEATH BY COUNTY						
COUNTY	EXTERNAL EXAMINATION	TRANSPORT OUT OF STATE*	CREMATIONS*	AUTOPIES	JURISDICTION WAIVED	TOTAL
HUGHES	10	1	25	5	9	50
JACKSON	19	13	49	10	19	110
JEFFERSON	7	0	9	3	3	22
JOHNSTON	14	3	14	4	5	40
KAY	42	30	122	18	17	229
KINGFISHER	7	5	11	2	8	33
KIOWA	4	5	17	3	6	35
LATIMER	16	11	7	3	33	70
LEFLORE	46	69	20	14	36	185
LINCOLN	34	10	58	7	32	141
LOGAN	21	15	57	8	21	122
LOVE	16	5	18	7	4	50
MAJOR	3	7	9	2	7	28
MARSHALL	20	15	43	3	9	90
MAYES	38	20	65	12	14	149
McCLAIN	36	4	44	6	19	109
McCURTAIN	36	16	21	17	33	123
McINTOSH	32	4	46	4	22	108
MURRAY	17	5	18	6	24	70
MUSKOGEE	49	44	176	34	63	366
NOBLE	9	6	15	4	7	41
NOWATA	12	7	15	1	8	43
OKFUSKEE	17	4	21	7	19	68
OKLAHOMA	645	506	2407	415	926	4899
OKMULGEE	34	13	66	22	33	168
OSAGE	26	14	66	16	12	134
OTTAWA	31	120	16	11	20	198
PAWNEE	13	7	28	8	9	65
PAYNE	31	24	142	20	12	229
PITTSBURG	66	37	109	26	36	274
PONTOTOC	33	12	67	16	36	164
POTTAWATOMIE	62	20	160	33	60	335
PUSHMATAHA	12	7	18	3	13	53
ROGER MILLS	3	2	0	1	5	11
ROGERS	50	32	164	16	121	383
SEMINOLE	28	11	40	3	29	111

TYPES OF DEATH BY COUNTY						
COUNTY	EXTERNAL EXAMINATION	TRANSPORT OUT OF STATE*	CREMATIONS*	AUTOPIES	JURISDICTION WAIVED	TOTAL
SEQUOYAH	33	41	24	13	26	137
STEPHENS	36	14	105	14	41	210
TEXAS	9	22	1	4	24	60
TILLMAN	4	3	5	0	7	19
TULSA	581	484	2168	351	364	3948
WAGONER	25	5	73	24	19	146
WASHINGTON	39	99	172	16	24	350
WASHITA	35	10	13	5	8	71
WOODS	8	13	9	1	36	67
WOODWARD	13	11	24	4	27	79
OUT OF STATE	0	0	0	2	0	2
UNKNOWN	0	16	0	0	0	16
TOTAL	3115	2406	8604	1599	3268	18992
*1826 OF THE CASES CREMATED/SHIPPED OUT OF STATE WERE ALSO MEDICAL EXAMINER CASES FOR OTHER REASONS AND WERE EXAMINED AND/OR AUTOPSIED						

DEATHS DUE TO DRUGS AND POISONS

SINGLE DRUG DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
ACETAMINOPHEN			2	2	4
ALPRAZOLAM	2		1		3
AMITRIPTYLINE			2		2
BENZTROPINE	1				1
CARISOPRODOL			3		3
COCAINE	44			3	47
DIPHENHYDRAMINE	1		1	1	3
DOXYLAMINE	1				1
FENTANYL	24			2	26
HYDROCODONE	17				17
ISOFURANE	1				1
MEPERIDINE	1				1
METHADONE	78		1	3	82
METHAMPHETAMINE	16			1	17
METHYLENEDIOXYMETHYL-	1				1
MORPHINE	26		3	1	30
NORTRIPTYLINE	1				1
OXYCODONE	28		1		29
OXYMORPHONE	1				1
PHENCYCLIDINE	1				1
PHTERMINE	1				1
PROMETHAZINE			1		1
PROPOXYPHENE	2		1		3
SALICYLATE			1		1
TEMAZEPAM			1		1
VERAPAMIL				1	1
METHOCARBAMOL			1		1
METHANOL			1		1
COLCHICINE			1		1
ALBUTEROL	1				1
ACEBUTOLOL			1		1
GLYBURIDE	1				1
INSULIN			1		1
ETHANOL	28			2	30
CITALOPRAM	1				1
VENLAFAXINE			1		1
HEROIN	1				1
AMANTADINE	1				1
LITHIUM	1				1
TRAMADOL	6		2	1	9
DILTIAZEM			1		1
QUETIAPINE	1		2		3
TOTAL	288	0	29	17	334

DEATHS DUE TO DRUGS AND POISONS

SINGLE DRUG DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
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POISONS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
ETHYLENE GLYCOL			2		2
INSECTICIDE/PESTICIDE			1		1
METHANOL	1				1
HALOGENATED HYROCARBON	1				1
PROPANE	1				1
TOLUENE	4				4
TOTAL	7	0	3	0	10

DEATHS DUE TO DRUGS AND POISONS

MULTIPLE DRUG DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
ACETAMINOPHEN, PAROXETINE			1		1
ACETAMINOPHEN, SALICYLATE			1		1
ALPRAZOLAM, AMITRIPTYLINE, ETHANOL	1				1
ALPRAZOLAM, CYCLOBENZAPRINE, METHADONE	1				1
ALPRAZOLAM, DIAZEPAM, OXYCODONE	1				1
ALPRAZOLAM, ETHANOL	4				4
ALPRAZOLAM, ETHANOL, OXYCODONE, DIAZEPAM, TEMAZEPAM, CARISOPRODOL			1		1
ALPRAZOLAM, HYDROCODONE, CYCLOBENZAPRINE	1				1
ALPRAZOLAM, HYDROCODONE, OXYCODONE	1				1
ALPRAZOLAM, HYDROCODONE, VENLAFAXINE, ACETAMINOPHEN			1		1
ALPRAZOLAM, METHADONE, METHAMPHETAMINE, ETHANOL	1				1
ALPRAZOLAM, MIRTAZAPINE, FLUOXETINE, ETHANOL	1				1
ALPRAZOLAM, OXYCODONE, HYDROCODONE	1				1
ALPRAZOLAM, PROPOXYPHENE	1				1
ALPRAZOLAM, PROPOXYPHENE, ETHANOL, DIPHENHYDRAMINE, ACETAMINOPHEN			1		1
AMITRIPTYLINE, CITALOPRAM, METHADONE, CHLORPROMAZINE, DIPHENHYDRAMINE	1				1
AMITRIPTYLINE, ETHANOL, HYDROCODONE, FLUOXETINE			1		1
AMITRIPTYLINE, FLUOXETINE				1	1
AMITRIPTYLINE, LITHIUM			1		1
AMITRIPTYLINE, NORTRIPTYLINE	1			1	2

DEATHS DUE TO DRUGS AND POISONS

MULTIPLE DRUG DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
AMITRIPTYLINE, SERTRALINE			1		1
BENZATROPINE, CHLORPROMAZINE			1		1
BUTALBITAL, OXYCODONE, MORPHINE	1				1
CARBAMAZEPINE, METHADONE	1				1
CARISOPRODOL, ALPRAZOLAM	1				1
CARISOPRODOL, ETHANOL	1				1
CITALOPRAM, ETHANOL			1		1
CITALOPRAM, ETHANOL, METOPROLOL	1				1
CITALOPRAM, MIRTAZAPINE			1		1
CITALOPRAM, MORPHINE, AMITRIPTYLINE	1				1
COCAINE, ALPRAZOLAM	1				1
COCAINE, AMPHETAMINE, OPIATE, BENZODIAZEPINE	1				1
COCAINE, ETHANOL	1				1
COCAINE, FENTANYL	1				1
COCAINE, HYDROCODONE, OXYCODONE	1				1
COCAINE, HYDROCODONE, OXYCODONE				1	1
COCAINE, METHADONE	1				1
COCAINE, METHADONE, CARISOPRODOL	1				1
COCAINE, METHADONE, OXYCODONE, ALPRAZOLAM	1				1
COCAINE, METHAMPHETAMINE	2				2
COCAINE, MORPHINE	5				5
COCAINE, MORPHINE, ETHANOL	1				1
COCAINE, OXYCODONE, ALPRAZOLAM	1				1
CODEINE, ETHANOL, AMITRIPTYLINE			1		1
CODEINE, ETHANOL, METHOCARBAMOL, QUETIAPINE	1				1
CODEINE, GABAPENTIN				1	1
CODEINE, HYDROCODONE, TEMAZEPAM	1				1
CODEINE, OXYCODONE	1				1
CYCLOBENZAPRINE, MORPHINE	1				1
CYCLOBENZAPRINE, OXYCODONE				1	1
CYCLOBENZAPRINE, OXYCODONE, HYDROCODONE	1				1
DIAZEPAM, ETHANOL	1				1

DEATHS DUE TO DRUGS AND POISONS

MULTIPLE DRUG DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
DIHYDROCODEINE, OXYCODONE, ALPRAZOLAM	1				1
DIPHENHYDRAMINE, ETHANOL				1	1
DONEPEZIL, VENLAFAXINE			1		1
DOXEPIN, ALPRAZOLAM			1		1
DOXEPIN, PROPOXYPHENE			1		1
DOXYLAMINE, OXYCODONE				1	1
FENTANYL, ALPRAZOLAM	2				2
FENTANYL, ALPRAZOLAM, AMITRIPTYLINE	1				1
FENTANYL, CITALOPRAM	1				1
FENTANYL, COCAINE	1				1
FENTANYL, CYCLOBENZAPRINE	1				1
FENTANYL, HYDROCODONE, OXYCODONE	1				1
FENTANYL, METHADONE	1				1
FENTANYL, METHADONE, METHAMPHETAMINE	1				1
FENTANYL, METHADONE, MIRTAZAPINE	1				1
FENTANYL, METHAMPHETAMINE, ALPRAZOLAM, HYDROCODONE, PROPOXYPHENE	1				1
FENTANYL, OXYCODONE	1				1
FENTANYL, OXYCODONE, ALPRAZOLAM	1				1
FENTANYL, PROPOXYPHENE	1				1
FLUOXETINE, ETHANOL	1				1
FLUVOXAMINE, METHAMPHETAMINE, DIAZEPAM	1				1
HEROIN, ETHANOL	1				1
HEROIN, MORPHINE				1	1
HYDRCODONE, ALPRAZOLAM, METHADONE, ETHANOL	1				1
HYDRCODONE, OXYCODONE, ALPRAZOLAM	1				1
HYDRMORPHONE, ZOLPIDEM, ALPRAZOLAM			1		1
HYDROCODONE, ACETAMINOPHEN	1				1

DEATHS DUE TO DRUGS AND POISONS

MULTIPLE DRUG DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
HYDROCODONE, ACETAMINOPHEN, ALPRAZOLAM	1		1	1	3
HYDROCODONE, ACETAMINOPHEN, METHAMPHETAMINE	1				1
HYDROCODONE, ACETAMINOPHEN, TRAMADOL			1		1
HYDROCODONE, ALPRAZOLAM	17		2		19
HYDROCODONE, ALPRAZOLAM, CARISOPRODOL	2			1	3
HYDROCODONE, ALPRAZOLAM, DOXYLAMINE	1				1
HYDROCODONE, ALPRAZOLAM, ETHANOL			1		1
HYDROCODONE, ALPRAZOLAM, OXYCODONE	2				2
HYDROCODONE, CARISOPRODOL	1				1
HYDROCODONE, CARISOPRODOL, CITALOPRAM	1				1
HYDROCODONE, COCAINE	1				1
HYDROCODONE, CYCLOBENZAPRINE	1				1
HYDROCODONE, CYCLOBENZAPRINE, ETHANOL, ACETAMINOPHEN			1		1
HYDROCODONE, CYCLOBENZAPRINE, PSEUDOEPHEDRINE	1				1
HYDROCODONE, DIAZEPAM	1				1
HYDROCODONE, ETHANOL	5		1		6
HYDROCODONE, ETHANOL, COCAINE	1				1
HYDROCODONE, FLUVOXAMINE, NORTRIPTYLINE				1	1
HYDROCODONE, HEROIN	1				1
HYDROCODONE, METHADONE	5				5
HYDROCODONE, METHADONE, DOXEPIN, ALPRAZOLAM, PROMETHAZINE	1				1
HYDROCODONE, METHADONE, FENTANYL, ALPRAZOLAM	1				1
HYDROCODONE, MORPHINE, ALPRAZOLAM				1	1
HYDROCODONE, OXYCODONE	11				11

DEATHS DUE TO DRUGS AND POISONS

MULTIPLE DRUG DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
HYDROCODONE, OXYCODONE, DIAZEPAM	2				2
HYDROCODONE, OXYCODONE, DIPHENHYDRAMINE	1				1
HYDROCODONE, PROPOXYPHENE	2				2
HYDROCODONE, TRAMADOL, VENLAFAXINE, CYCLOBENZAPRINE	1				1
HYDROCODONE, VERAPAMIL	1				1
HYDROCODONE, ZOLPIDEM			1		1
HYDROMORPHONE, ALPRAZOLAM	1				1
HYDROMORPHONE, CYCLOBENZAPRINE	1				1
HYDROMORPHONE, METHAMPHETAMINE	1				1
HYDROXYCHLOROQUINE, AMITRIPTYLINE, DIPHENHYDRAMINE, TRAMADOL	1				1
IMIPRAMINE, FENTANYL	1				1
ISOPROTERENOL, TEMAZEPAM, DIPHENHYDRAMINE, CLONAZEPAM			1		1
LAMOTRIGINE, CLONAZEPAM, LAMOTRIGINE, CLONAZEPAM, DULOXETINE			1		1
LOXAPINE, TRAZODONE			1		1
METHADONE, ALPRAZOLAM, METHAMPHETAMINE, FLUOXETINE	1				1
METHADONE, ALPRAZOLAM	19		1	1	21
METHADONE, ALPRAZOLAM, CARISOPRODOL, DIAZEPAM	1				1
METHADONE, ALPRAZOLAM, CITALOPRAM	1				1
METHADONE, ALPRAZOLAM, COCAINE	1				1
METHADONE, ALPRAZOLAM, ETHANOL	1				1
METHADONE, ALPRAZOLAM, TRAMADOL, PROPOXYPHENE, DIPHENHYDRAMINE	1				1
METHADONE, CITALOPRAM	1				1
METHADONE, CLONAZEPAM	1				1

DEATHS DUE TO DRUGS AND POISONS

MULTIPLE DRUG DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
METHADONE, COCAINE	4				4
METHADONE, COCAINE, HYDROCODONE, OXYCODONE, ALPRAZOLAM	1				1
METHADONE, COCAINE, ALPRAZOLAM	2				2
METHADONE, COCAINE, ALPRAZOLAM, DIAZEPAM, ETHANOL	1				1
METHADONE, CYCLOBENZAPRINE	3				3
METHADONE, CYCLOBENZAPRINE, DIPHENHYDRAMINE	1				1
METHADONE, CYCLOBENZAPRINE, FLUOXETINE, DOXYLAMINE	1				1
METHADONE, CYCLOBENZAPRINE, HYDROCODONE	1				1
METHADONE, DIAZEPAM	4				4
METHADONE, DIAZEPAM, CYCLOBENZAPRINE	1				1
METHADONE, DIAZEPAM, DIPHENHYDRAMINE	1		1		2
METHADONE, DIAZEPAM, TEMAZEPAM	1				1
METHADONE, DIPHENHYDRAMINE, ALPRAZOLAM, CLONAZEPAM	1				1
METHADONE, ETHANOL	3				3
METHADONE, ETHANOL, ALPRAZOLAM, DIAZEPAM	1				1
METHADONE, ETHANOL, DIAZEPAM	1				1
METHADONE, FENTANYL, ALPRAZOLAM	1				1
METHADONE, FLUVOXAMINE				1	1
METHADONE, HYDROCODONE, ALPRAZOLAM	2				2
METHADONE, HYDROCODONE, ALPRAZOLAM, ACETAMINOPHEN			1		1
METHADONE, HYDROCODONE, ALPRAZOLAM, DIAZEPAM, TEMAZEPAM	1				1

DEATHS DUE TO DRUGS AND POISONS

MULTIPLE DRUG DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
METHADONE, HYDROCODONE, ALPRAZOLAM, QUETIAPINE, CITALOPRAM	1				1
METHADONE, HYDROCODONE, DIAZEPAM	1				1
METHADONE, HYDROCODONE, ETHANOL	1				1
METHADONE, METHAMPHETAMINE, ALPRAZOLAM	1				1
METHADONE, METHAMPHETAMINE, COCAINE	1				1
METHADONE, MORPHINE	2				2
METHADONE, OXYCODONE	1				1
METHADONE, OXYCODONE, CITALOPRAM, ALPRAZOLAM, HYDROCODONE	1				1
METHADONE, OXYCODONE, HYDROCODONE, ALPRAZOLAM, MEPERIDINE	1				1
METHADONE, PHENTERMINE	1				1
METHADONE, PROPOXYPHENE, ALPRAZOLAM, ETHANOL	1				1
METHADONE, TRAMADOL	1				1
METHADONE, VENLAFAXINE	1				1
METHAMPHETAMINE, ALPRAZOLAM, METHADONE	1				1
METHAMPHETAMINE, AMPHETAMINE, MIRTAZAPINE, LIDOCAINE	1				1
METHAMPHETAMINE, BUPROPION, FLUVOXAMINE			1		1
METHAMPHETAMINE, ETHANOL	1				1
METHAMPHETAMINE, FLUVOXAMINE	1				1
METHAMPHETAMINE, HYDROCODONE, TEMAZEPAM	1				1
METHAMPHETAMINE, HYDROMORPHONE	1				1
METHAMPHETAMINE, INSULIN				1	1

DEATHS DUE TO DRUGS AND POISONS

MULTIPLE DRUG DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
METHAMPHETAMINE, OXYCODONE, ALPRAZOLAM	1				1
METHAMPHETAMINE, OXYCODONE, ALPRAZOLAM, DIAZEPAM, AMITRIPTYLINE	1				1
METHYLENEDIOXYMETHYL-, ETHANOL	1				1
MIRTAZAPINE, ALPRAZOLAM, TRAZODONE, ETHANOL	1				1
MIRTAZAPINE, ACETAMINOPHEN, CITALOPRAM			1		1
MORPHINE, ALPRAZOLAM	4				4
MORPHINE, ALPRAZOLAM, HYDROCODONE	1				1
MORPHINE, ALPRAZOLAM, HYDROCODONE, OXYCODONE	1				1
MORPHINE, ALPRAZOLAM, MIRTAZAPINE	1				1
MORPHINE, ALPRAZOLAM, OXYCODONE, DIAZEPAM, CARISOPRODOL, HYDROCODONE	1				1
MORPHINE, AMITRIPTYLINE	2				2
MORPHINE, CARISOPRODOL	1				1
MORPHINE, CITALOPRAM, FLUOXETINE	1				1
MORPHINE, CYCLOBENZAPRINE	1				1
MORPHINE, ETHANOL	2				2
MORPHINE, ETHANOL, PROPOXYPHENE, ALPRAZOLAM	1				1
MORPHINE, FENTANYL, TRAMADOL	1				1
MORPHINE, FLURAZEPAM, ALPRAZOLAM, DIAZEPAM			1		1
MORPHINE, HYDROCODONE	3			1	4
MORPHINE, HYDROCODONE, IMIPRAMINE	1				1
MORPHINE, METHADONE, HYDROCODONE, OXYCODONE	1				1
MORPHINE, METHOCARBAMOL, CLOMIPRAMINE	1				1

DEATHS DUE TO DRUGS AND POISONS

MULTIPLE DRUG DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
MORPHINE, QUETIAPINE, FLUOXETINE, ALPRAZOLAM	1				1
MORPHINE, SERTRALINE, MIRTAZAPINE, DIAZEPAM	1				1
MORPHINE, VENLFXINE	1				1
ORPHENADRINE, HYDROCODONE, METOPROLOL	1				1
OXYCODONE, ACETAMINOPHEN	1				1
OXYCODONE, ALPRAZOLAM	8		1	1	10
OXYCODONE, ALPRAZOLAM, CARISOPRODOL	1				1
OXYCODONE, ALPRAZOLAM, DIPHENHYDRAMINE, HYDROCODONE	1				1
OXYCODONE, ALPRAZOLAM, ETHANOL	3				3
OXYCODONE, ALPRAZOLAM, HYDROCODONE	1				1
OXYCODONE, BUTALBITAL	1				1
OXYCODONE, BUTALBITAL, ALPRAZOLAM, HYDROCODONE, CITALOPRAM	1				1
OXYCODONE, CARISOPRODOL, PHENYTOIN			1		1
OXYCODONE, COCAINE, ALPRAZOLAM	1				1
OXYCODONE, ETHANOL	6				6
OXYCODONE, ETHANOL, DIAZEPAM	1				1
OXYCODONE, ETHANOL, DIPHENHYDRAMINE			1		1
OXYCODONE, FENTANYL, ALPRAZOLAM	1				1
OXYCODONE, HYDROCODONE, ALPRAZOLAM	4				4
OXYCODONE, HYDROCODONE, ALPRAZOLAM, SERTRALINE, METHYLENEDIOXYMETHAMPHETAMINE	1				1
OXYCODONE, METHADONE, ALPRAZOLAM	1				1
OXYCODONE, METHADONE, HYDROCODONE	1				1

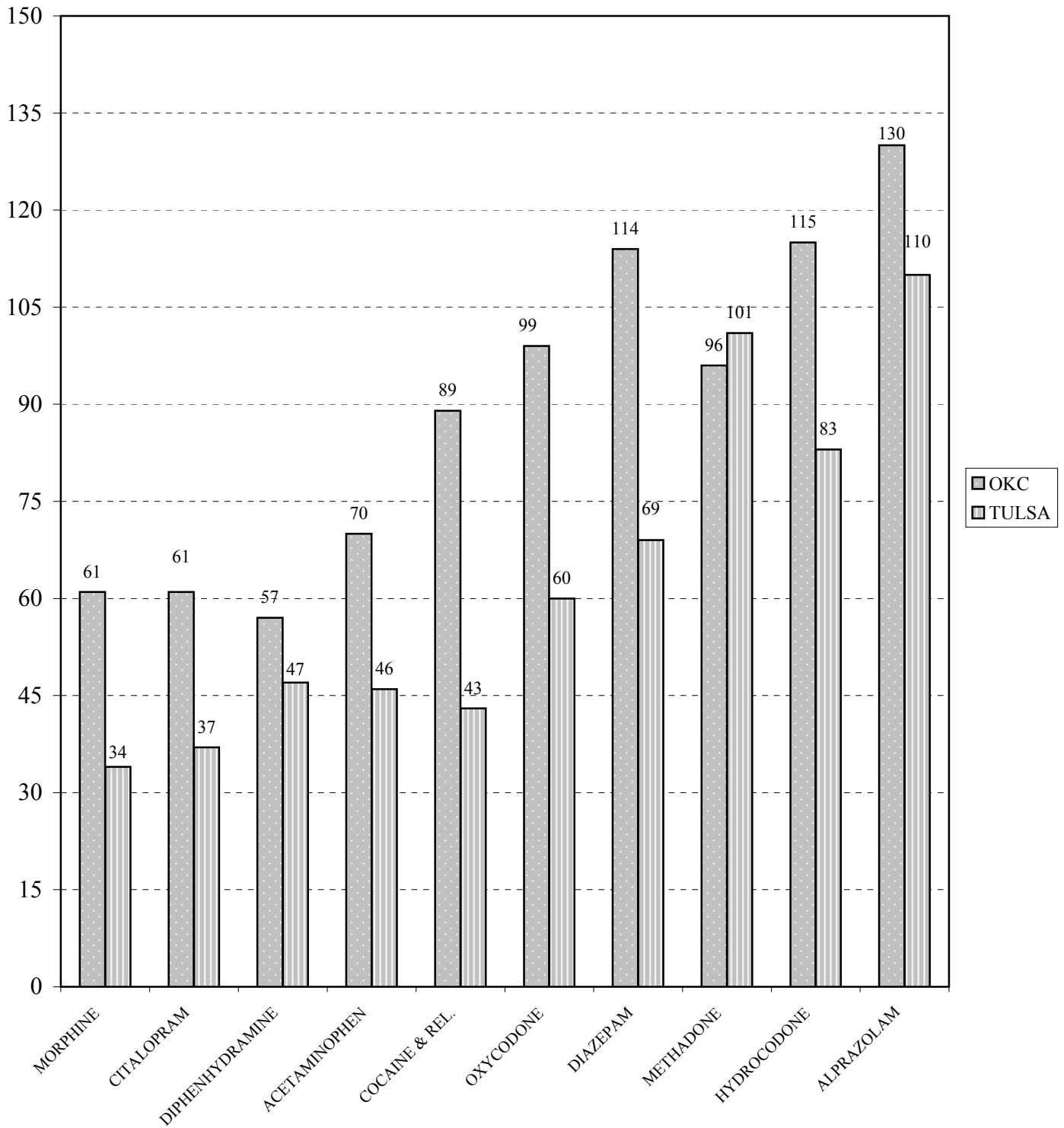
DEATHS DUE TO DRUGS AND POISONS

MULTIPLE DRUG DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
OXYCODONE, METHADONE, HYDROCODONE, DIAZEPAM	1				1
OXYCODONE, METHAMPHETAMINE	1				1
OXYCODONE, METHAMPHETAMINE, ALPRAZOLAM	1				1
OXYCODONE, PROPOXYPHENE	1				1
OXYCODONE, PROPOXYPHENE, ALPRAZOLAM, ETHANOL	1				1
OXYCODONE, QUETIAPINE	1				1
OXYCODONE, TRAMADOL			1		1
OXYCODONE, VENLAFAXINE	1				1
OXYCODONE, VENLAFAXINE, CYCLOBENZAPRINE	1				1
OXYCODONE, VENLAFAXINE, ETHANOL	1				1
OXYCODONE, ZOLPIDEM	1				1
OXYCODONE, ZOLPIDEM, ETHANOL	1				1
OXYCODONE, ZOLPIDEM, QUETIAPINE, DIPHENHYDRAMINE	1				1
OXYMORPHONE, PROMETHAZINE	1				1
OXYMORPHONE, TOPIRAMATE, MEPERIDINE	1				1
PAROXETINE, DIPHENHYDRAMINE				1	1
PROPOXYPHENE, ACETAMINOPHEN	1		1		2
PROPOXYPHENE, ALPRAZOLAM, ETHANOL			1		1
PROPOXYPHENE, CYCLOBENZAPRINE			1		1
PROPOXYPHENE, CYCLOBENZAPRINE	1				1
PROPOXYPHENE, CYCLOBENZAPRINE, TEMAZEPAM	1				1
PROPOXYPHENE, DIPHENHYDRAMINE, QUETIAPINE			1		1
PROPOXYPHENE, FLUVOXAMINE, OXYCODONE, ALPRAZOLAM				1	1
PROPOXYPHENE, METAXALONE, SALICYLATE			1		1

DEATHS DUE TO DRUGS AND POISONS

MULTIPLE DRUG DEATHS	ACCIDENT	HOMICIDE	SUICIDE	UNKNOWN	TOTAL
PROPOXYPHENE, PROPANE			1		1
PROPOXYPHENE, TEMAZEPAM, MIRTAZAPINE			1		1
PROPRANOLOL, ALPRAZOLAM			1		1
PROPRANOLOL, ETHANOL			1		1
PROTRIPTYLINE, METHADONE, ALPRAZOLAM	1				1
TEMAZEPAM, METHADONE, OXYCODONE	1				1
THIOPENTAL SODIUM/VERCURONIUM BROMIDE/POTASSIUM CHLORIDE SYNERGISM	3				3
TRAMADOL, ETHANOL	1				1
TRAZODONE, FLUOXETINE	1				1
VENLAFAXINE, OXYCODONE	1				1
TOTAL	299	0	46	19	364

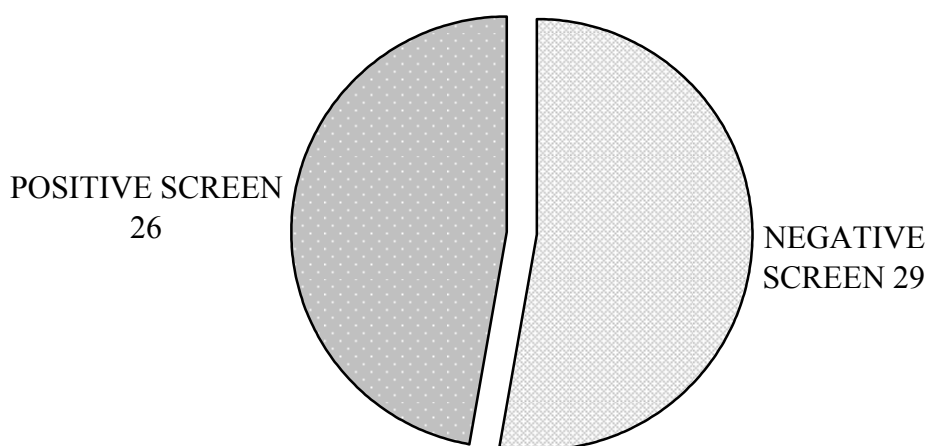
TOP TEN DRUGS IDENTIFIED



HOMICIDES

SCREENED FOR DRUGS

54 OF 268 (21%) WERE SCREENED



Positive drugs to include:

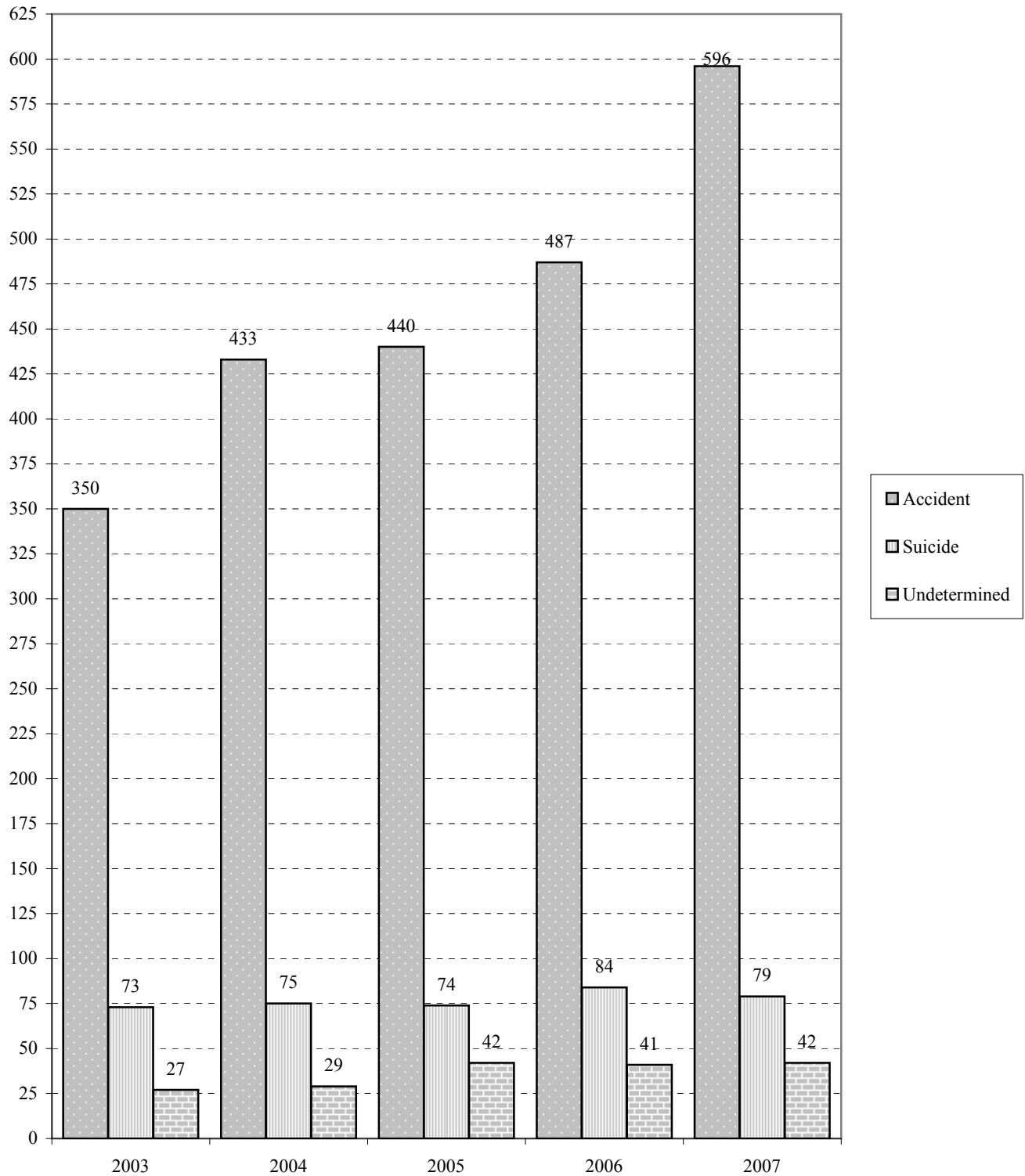
Cocaine & related
Amphetamine
Verapamil
Chlorpheniramine
Amitriptyline
Valproic Acid
Quetiapine
Phenytoin
Diazepam
Phencyclidine
Citalopram
Temazepam

Methamphetamine
Alprazolam
Phenobarbital
Diphenhydramine
Nortriptyline
Trazodone
Metoclopramide
Olanzapine
Nordiazepam
Atropine
Methadone

*Drugs detected – more than one drug
may be found in a case

DRUG DEATHS BY MANNER

FIVE YEAR COMPARISON



COMMON DRUG DEATHS

FIVE YEAR COMPARISON

