VIRGINIA DEPARTMENT OF HEALTH
Protecting You and Your Environment

Office of the Chief Medical Examiner's Annual Report, 2005

Commonwealth of Virginia
Virginia Department of Health
Office of the Chief Medical Examiner
October 2006

OFFICE OF THE CHIEF MEDICAL EXAMINER'S ANNUAL REPORT, 2005

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Department of Health
Commonwealth of Virginia

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Letter from the Chief Medical Examiner

The Office of the Chief Medical Examiner (OCME) presents to Governor Kaine, the Virginia General Assembly, the justice system, Courts and the citizens a report of its activities for 2005.

The OCME investigates deaths occurring in Virginia of persons who die a sudden and unexpected, unattended, violent or suspicious death. The OCME's major missions are to identify and certify the cause of death, determine the manner of death, collect medical evidence and reconstruct how injury occurred. In accomplishing these missions, the medical examiner wears two hats: the hat of the medical detective in assisting the criminal and civil justice system with the investigation of violent deaths associated with violence and criminality and a public health hat wherein the medical examiner documents injuries and deaths that might be preventable and to conduct surveillance for deaths that may represent a disease process that is hazardous to the public health. The latter includes emerging infections and bioterrorism agents. The OCME is also responsible for management of mass fatalities due to injuries related to weather, accident, suicide or terrorism events. To assist with its prevention efforts, the OCME houses two death review teams, Child Fatality Review and Maternal Mortality Review and two injury surveillance teams, the Family and Intimate Partner Violence Program and the National Violent Death Reporting System. All teams produce reports available on the OCME website: http://www.vdh.state.va.us/medexam/.

This report is especially promulgated to those to have the power to effect change. This report represents many years of productive life lost by Virginians. The accidental deaths, in particular, beg for prevention strategies. The deaths due to suicide seek interventions and support for those whose abject despair has led to their taking of their own lives. The homicides seek analysis for circumstances that may be altered in such a way as to prevent them. The intimate partner violent deaths have remained at about one third of homicides for years and are a particular tragedy in that they occur between persons who at one time cared for one another.

The deaths of children deserve special attention because they are our societal future. The data presented show there is prevention work to be done.

Special thanks go to Anna Noller, PhD, OCME Forensic Epidemiologist for gathering and interpreting the mountain of OCME data.

The staff of the OCME serves Virginia's citizens living and dead. It is hoped that its effort inspires others to promote a healthy and long life.

Marcella F. Fierro, MD
Chief Medical Examiner
Commonwealth of Virginia

Introduction

This report presents the deaths investigated by the Virginia Department of Health, Office of the Chief Medical Examiner in 2005.

Preparation for the Annual Report

The OCME data from which this report was compiled are maintained on a Solaris SunFire 280R enterprise server, running Solaris 8 and Oracle 8i, and is located at the Central district office of the OCME in Richmond. Anna C. Noller, PhD used SPSS v11.0 and Microsoft Office 2000 Professional to prepare this report.

SECTION 1: OVERVIEW- OFFICE OF THE CHIEF MEDICAL EXAMINER

In 1946, Virginia became one of the first states to institute a statewide medical examiner system. In that same year, the General Assembly of Virginia abolished the Office of Coroner's Physician and appointed a Chief Medical Examiner. Four years later, in 1950, the Office of the Chief Medical Examiner (OCME) became an office within the Virginia Department of Health.

Virginia 2005

In 2005, the estimated population of the Commonwealth was 7,567,465, ranking 12th among the states. Virginia has a land area of 39,594 square mile, ranking 37th among the states; for comparison, Texas is ranked 2nd and is 6.6 times larger than Virginia. Virginia's population density is 191.2 persons per square mile; although an estimated 85.5 percent of the population lives in urban areas. Racially, whites constituted 73.6 percent of the population, blacks 19.9 percent, Native Americans 0.35 percent, Asians 4.6 percent, Native Hawaiian and other Pacific Islanders 0.08 percent, and those of mixed heritage 1.59 percent. Hispanics, who may be of any race, were 6.0 percent of Virginia's people. The median household income in 2005 was $54,240.

Jurisdictional Authority

Pursuant to § 32.1-283 of the Code of Virginia, all of the following deaths are investigated by the OCME:

- Any death from trauma, injury, violence, or poisoning attributable to accident, suicide or homicide;
- Sudden deaths to persons in apparent good health or deaths unattended by a physician;
- Deaths of persons in jail, prison, or another correctional institution, or in police custody (this includes deaths from legal intervention);
- Deaths of patients/residents of state mental health or mental retardation facilities;
- The sudden death of any infant less than eighteen months of age whose death might be attributable to Sudden Infant Death Syndrome; and
- Any other suspicious, unusual, or unnatural death.

In Virginia, medical examiners conduct a medicolegal death investigation, serving as the principal case investigator in their locality for deaths falling within their jurisdiction and statutory authority. The OCME currently supports more than 253 local medical examiners, who receive the initial

notification of death and determine if the death should come under the jurisdiction of the medical examiner. Local medical examiners may examine the body, collect a toxicology sample, and sign the certificate of death on medical examiner cases or, using professionally established guidelines, refer certain classes of cases for more intensive death investigation and medicolegal autopsy.

When an autopsy is required, it is conducted in one of four district offices: Northern, Tidewater, Central or Western. Each district is staffed by board certified forensic pathologists, death investigators, clerical and morgue personnel. The Chief Medical Examiner, Dr. Marcella F. Fierro, resides in the Richmond office and is responsible for the overall operations of the state's medical examiner system.

The overall vision of the OCME is to be the best medical examiner system in the world. The following missions form the core of OCME staff members' efforts in accomplishing this goal:

- Conduct medicolegal death investigations.
- Perform autopsies to certify cause and manner of death.
- Provide public service to citizens and professional colleagues throughout the Commonwealth.
- Educate peers and professionals on subjects related to death investigation.
- Reduce violent death by conducting surveillance and fatality review.
- Provide support and technical assistance to local fatality review teams.
- Administer the State Anatomical Program.

Virginia's medical examiners and forensic pathologists are committed to public safety and to public health. To promote public safety, they testify to their findings in civil and criminal courts throughout the Commonwealth. They advance public health through their investigations of deaths that present a hazard to Virginia's citizens, such as emerging infections and bioterrorism. This report describes medical examiner activities for the 2005 calendar year.

Review and Surveillance Teams

In addition to its central mission – conducting medico-legal death investigation to identify the cause and manner of death – the OCME has another mission related to injury and violence prevention. The OCME houses four fatality review and surveillance projects, which are designed to:

- Understand the circumstances of death.
- Provide information to legislators, policy makers, and other advocates for injury prevention.
- Make direct recommendations for prevention and intervention.
- Measure the impact of prevention programs and practices.
- Make something good come from the violence and destruction of human life.

The **Child Fatality Review Team** was established by the Virginia General Assembly and the Governor of Virginia. Working in the spirit of public health, this Team reviews violent and unexpected child deaths and develops consensus recommendations to prevent similar deaths in the future. It is a multidisciplinary Team with representatives from pediatrics, child psychiatry, law enforcement, social services, forensic pathology, commonwealth's attorneys, local fire and emergency medical services providers, the Virginia SIDS alliance, and state agencies. Published reports are available at http://www.vdh.state.va.us/medExam/childfatality.htm.

The OCME's **Family and Intimate Partner Violence Surveillance Project** uses OCME records and news reports to identify the circumstances and the dynamics of fatal family violence. Staff members publish annual information on every homicide in the Commonwealth with a focus on family and intimate partner violence. Published reports are available at http://www.vdh.state.va.us/medExam/violence.htm.

In partnership with the Office of Family Health Services, the OCME coordinates the work of the **Maternal Mortality Review Team.** This effort involves review of the circumstances surrounding all maternal deaths in the Commonwealth by an interdisciplinary team of professionals, including representatives from local health departments, obstetrician-gynecologists, medical social workers, nurse-midwives, nurse practitioners, and state planning agencies. Maternal deaths include all deaths to women during or within one year of the termination of pregnancy, regardless of outcome of the pregnancy or cause and manner of death. This Team's preliminary report was published in 2006 and is available at http://www.vdh.state.va.us/medExam/maternalmortality.htm.

The OCME was the first statewide medical examiner system to be selected as a demonstration site for the Center for Disease Control and Prevention's National Violent Death Reporting System. Known in Virginia as the VVDRS, the **Virginia Violent Death Reporting System** is a relatively

new venture for the OCME. VVDRS collects information from a variety of sources – forensic pathology, forensic science, law enforcement, vital records, health statistics, and medical records – in order to comprehend the circumstances and victims of violent death. Information will be used to frame violence and injury prevention programs at the national, state and local levels. Published reports are available at http://www.vdh.state.va.us/medExam/reports.htm.

Training and Education

Forensic Pathology Training Programs

Website — http://www.vdh.state.va.us/medExam/training.htm

The Virginia Commonwealth University, School of Medicine (VCU) and the Eastern Virginia Medical School (EVMS) in conjunction with the OCME offer Accreditation Council for Graduate Medical Education (ACGME) accredited residency/fellowship training in the subspecialty of forensic pathology. The four board-certified forensic pathologists of the Central District office are the core faculty of the Department of Legal Medicine at VCU, and faculty in the Division of Forensic Pathology of the Department of Pathology at VCU. Medical Examiner's office staff has full access to facilities at VCU and its medical, dental, pharmacy, hospital administration, nursing, and other health science schools. The three board-certified forensic pathologists including a pediatric pathologist of the Tidewater District office are faculty in the Department of Pathology at EVMS and the Department of Legal Medicine at VCU. The Tidewater District office staff has full access to EVMS. The forensic pathology training program is designed to provide flexibility in training and experience depending upon the individual physician's career objectives.

- A 1 or 2-month experience for the trainee who desires a brief exposure to forensic pathology as part of a general anatomic pathology program.
- A 3 to 6-month experience for trainees desiring more intensive exposure as part of a general anatomic pathology program.
- A 12-month experience for a trainee desiring eligibility to take the American Board of Pathology examination in forensic pathology.

The Central District office provides forensic pathology and medical examiner administrative services to the county and city medical examiners in the central region of Virginia including the Richmond Metropolitan area. The Tidewater District office provides forensic pathology and medical examiner administrative services to the county and city medical examiners in the eastern

region of Virginia including the Norfolk, Virginia Beach, Hampton, Portsmouth, and Newport News metropolitan areas.

It is the aim of the forensic pathology training program that, by the end of the fellowship year, the trainee can adequately manage the great majority of medicolegal deaths with self-assurance and technical competence. The trainee should be equipped to step into a position as an able assistant in an established Medical Examiner's or Coroner's Office of a county, city, or state.

Virginia Institute of Forensic Science and Medicine

Website — http://www.vifsm.org/

The Virginia Institute for Forensic Science and Medicine, a 501(c) (3) organization founded in 1999, is a premier provider of hands on training in a working forensic environment for aspiring forensic scientists and pathologists. To the nation, VIFSM promotes a Virginia brand of justice forged from the cooperative efficiencies and innovations of its medical examiner system and forensic science laboratories. Over 200 world-renowned faculty members, many of whom are staff members of the Division of Forensic Science and Office of the Chief Medical Examiner, lend their expertise as foremost practitioners of all disciplines of forensic science and medicine. VIFSM offers state-of-the-art postgraduate fellowships as preparation for careers in these forensic disciplines. Through its training seminars, VIFSM enhances the knowledge and performance of those engaged in violent crime and death investigation.

SECTION 2: TOTAL CASES

Since 1999 the number of deaths investigated annually by the OCME has increased by a total of 14.0 percent, while during the same time frame the population of Virginia has increased by 10.1 percent. In 2005, the OCME investigated 5,907 deaths, representing 10.3 percent of the estimated total deaths in Virginia. Of the deaths investigated by the OCME in 2005:

- The total number of deaths investigated represents a 1.9 percent increase from the 2004 total and an overall increase 11.9 percent since 1999.
- The highest total number of deaths occurred in July, and the fewest in February. More deaths occurred on Saturdays than any other day of the week, and the least on Wednesdays.
- The ratio of male to female deaths was 2.4:1. Decedents classified as white represented 71.5 percent of the total.
- The City of Richmond continued to have the greatest number of homicide deaths with 105 deaths; 49.1% greater than Norfolk, which was the locality with the second greatest number of homicides (82) in 2005. Fairfax County experienced the greatest number of accidental, natural, and suicide deaths in its residents.
- Autopsies were conducted in 37.8 percent of cases due to accidental deaths, 98.2 percent of homicides, 38.9 percent of natural causes, 83.1 percent of suicides, 96.3 percent of undetermined deaths, and 50.8 percent of all cases in 2005.
- Gunshot wounds were the cause of death in 887 deaths in 2005, 15.0 percent of total cases.
- Whites represented the greatest proportion of cases by all manners of death except homicide in which blacks represented 58.4 percent of cases.
- The number of suicides (875) was 75 percent greater than the number of homicides (498) in 2005.

Figure 1. Total Cases by Year of Death, 1999-2005

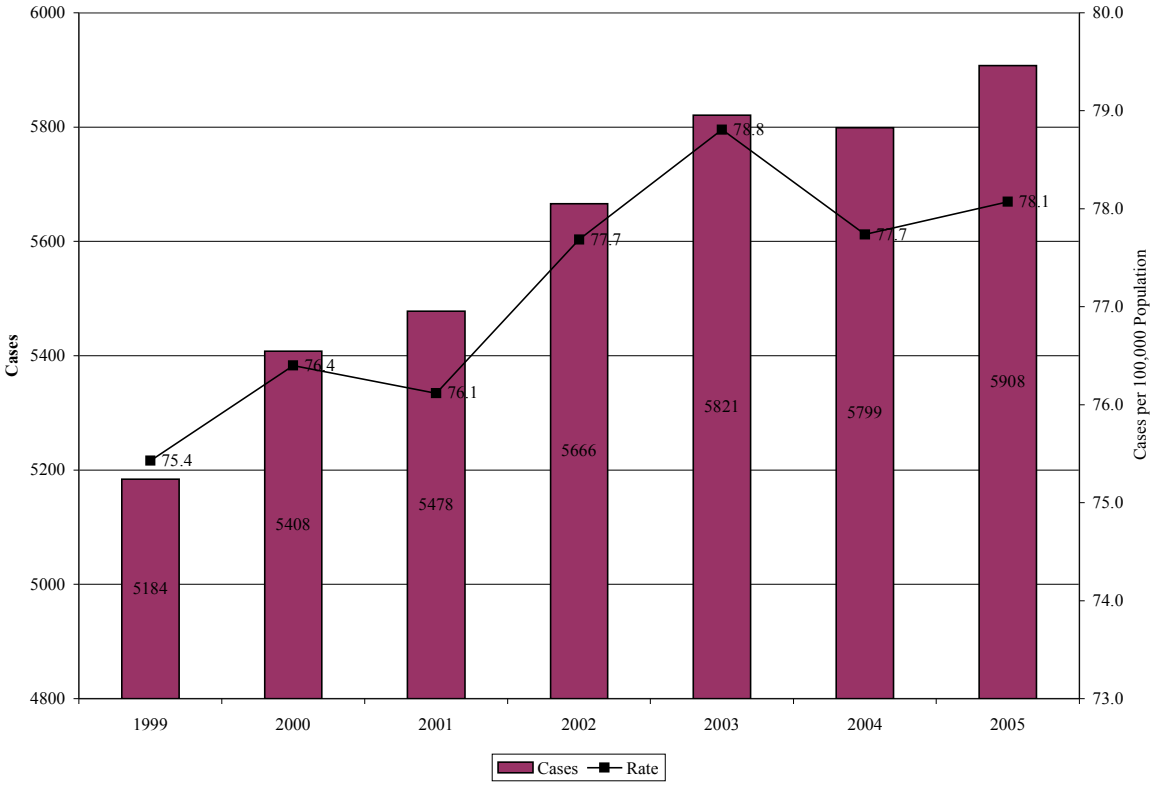


Table 1. Total Cases by Manner of Death by OCME District, 2005

	OCME District				
Manner	**Central**	**Northern**	**Tidewater**	**Western**	**Total**
Accident	736	456	427	629	2248
Homicide	177	64	173	84	498
Natural	726	461	571	447	2205
Suicide	248	230	127	270	875
Undetermined	32	6	17	26	81
Total	1919	1217	1315	1456	5907

Figure 2. Total Cases by Month of Death, 2005

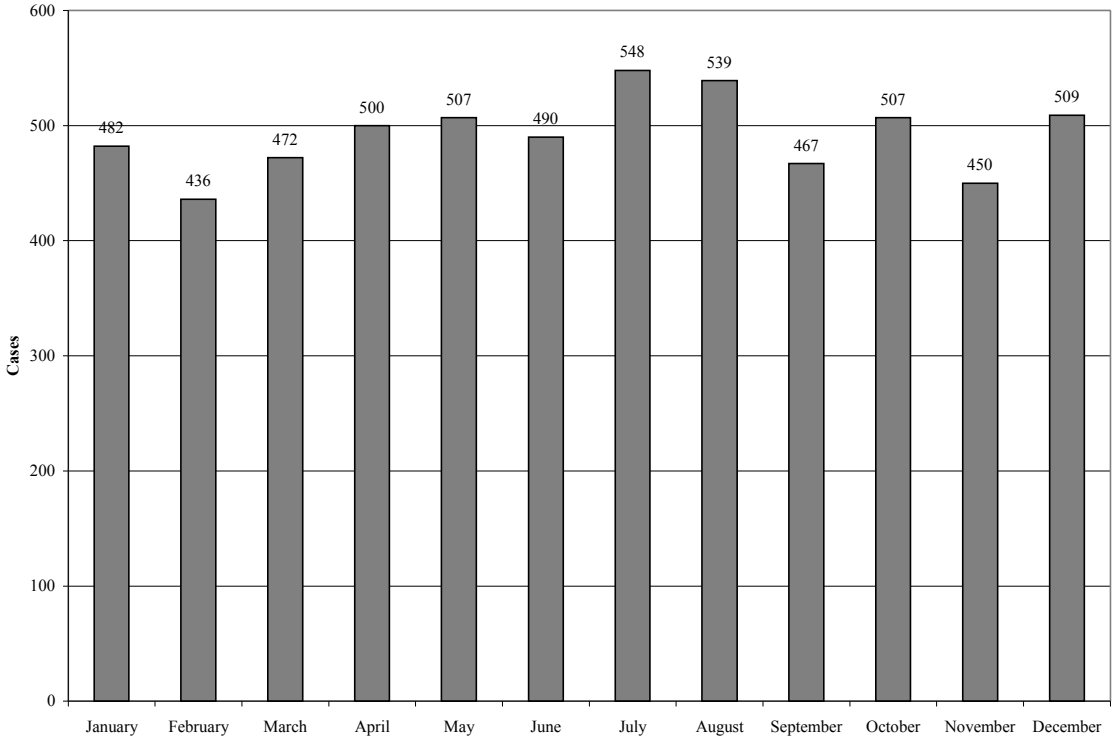


Figure 3. Total Cases by Day of Death, 2005

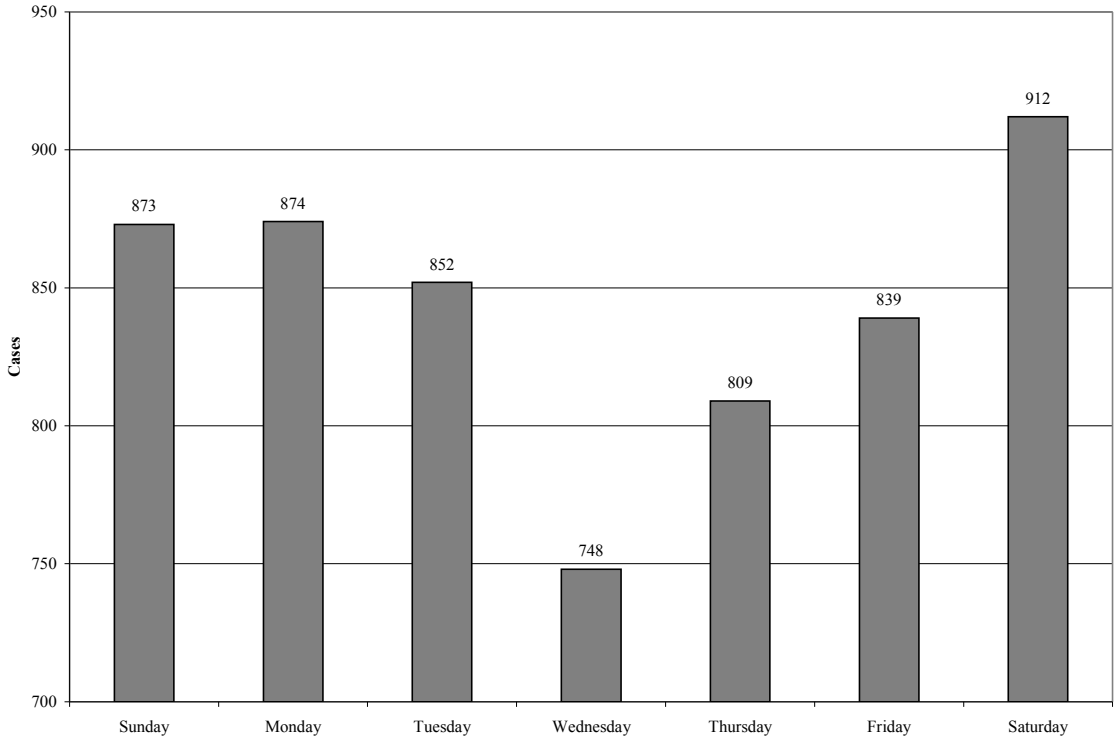


Table 2. Total Cases by Gender, 2005

Gender	Frequency	Percent (%)
Male	4155	70.3
Female	1752	29.7
Total	**5907**	**100.0**

Table 3. Total Cases by Race/Ethnicity, 2005

White	Black	Asian	Native American/ Alaskan	Hawaiian/Pacific Islander	Hispanic	Other	Unknown	Total
4225	1409	108	1	8	138	13	5	5907

Figure 4. Total Cases by Age Group, 2005

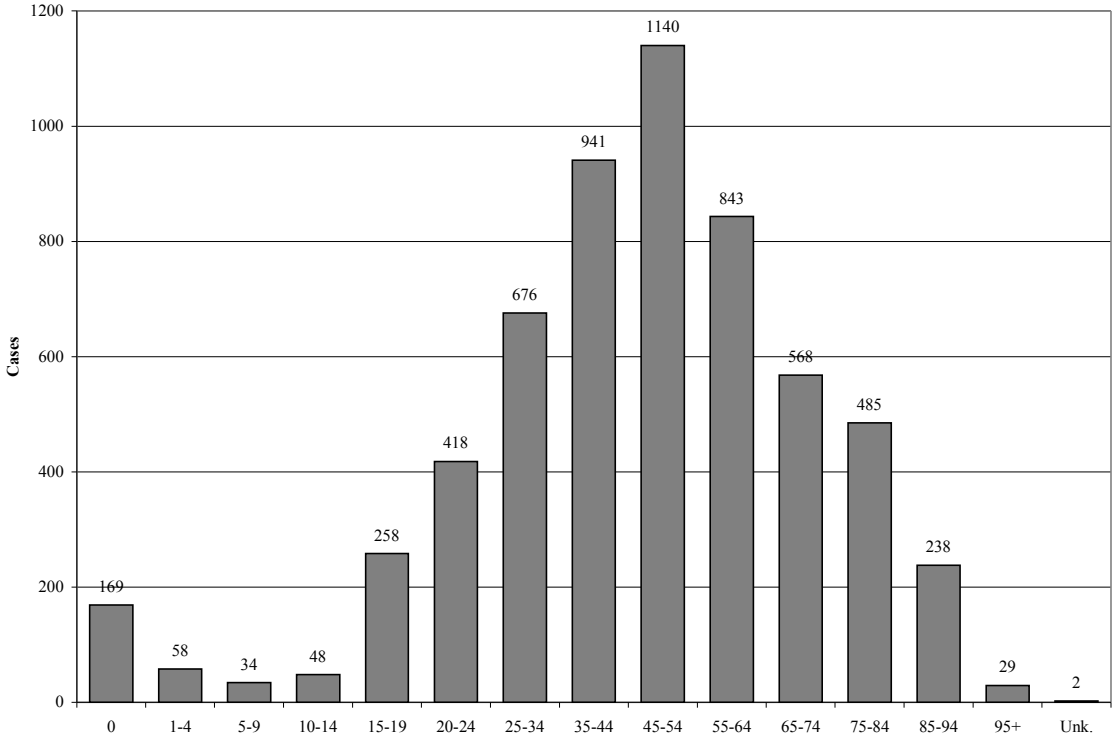


Table 4. Total Cases by Autopsy Status, 2005

	Manner of Death					
Autopsy	**Accident**	**Homicide**	**Natural**	**Suicide**	**Undetermined**	**Total**
Yes	850	489	857	727	78	3001
No	1398	9	1348	148	3	2906
%	37.8	98.2	38.9	83.1	96.3	50.8
Total	**2248**	**498**	**2205**	**875**	**81**	**5907**

Figure 5. Proportion of Cases by Manner of Death, 2005

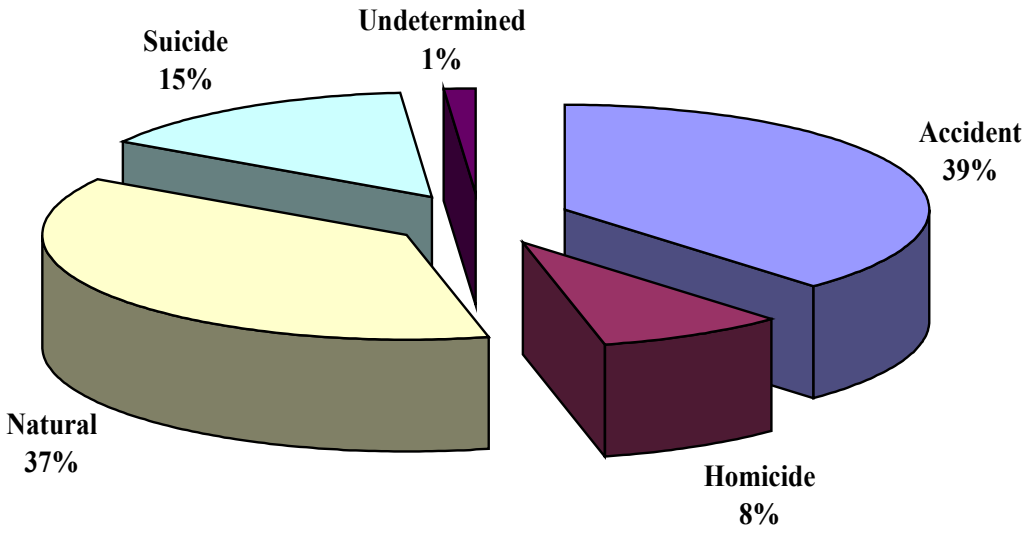


Figure 6. Total Cases by Manner of Death by Month of Death, 2005

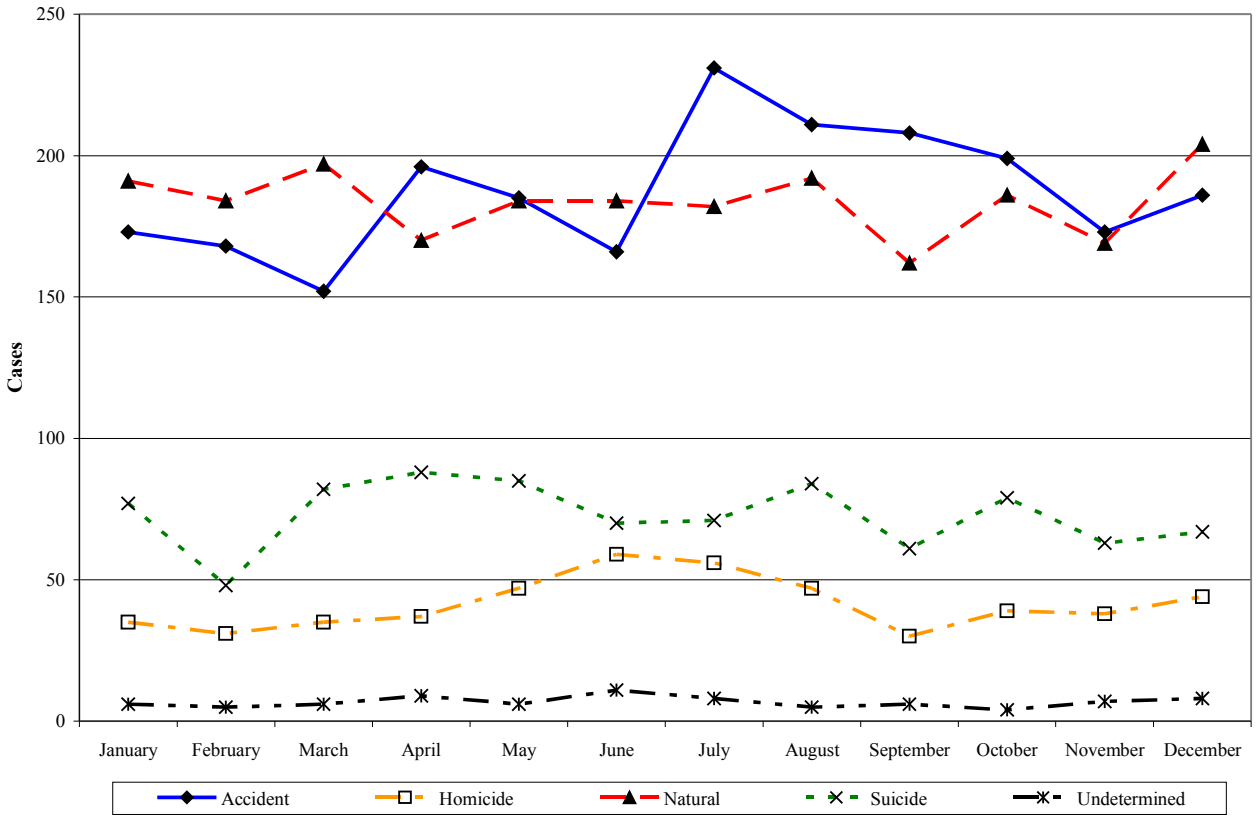


Figure 7. Total Cases by Manner of Death by Day of Death, 2005

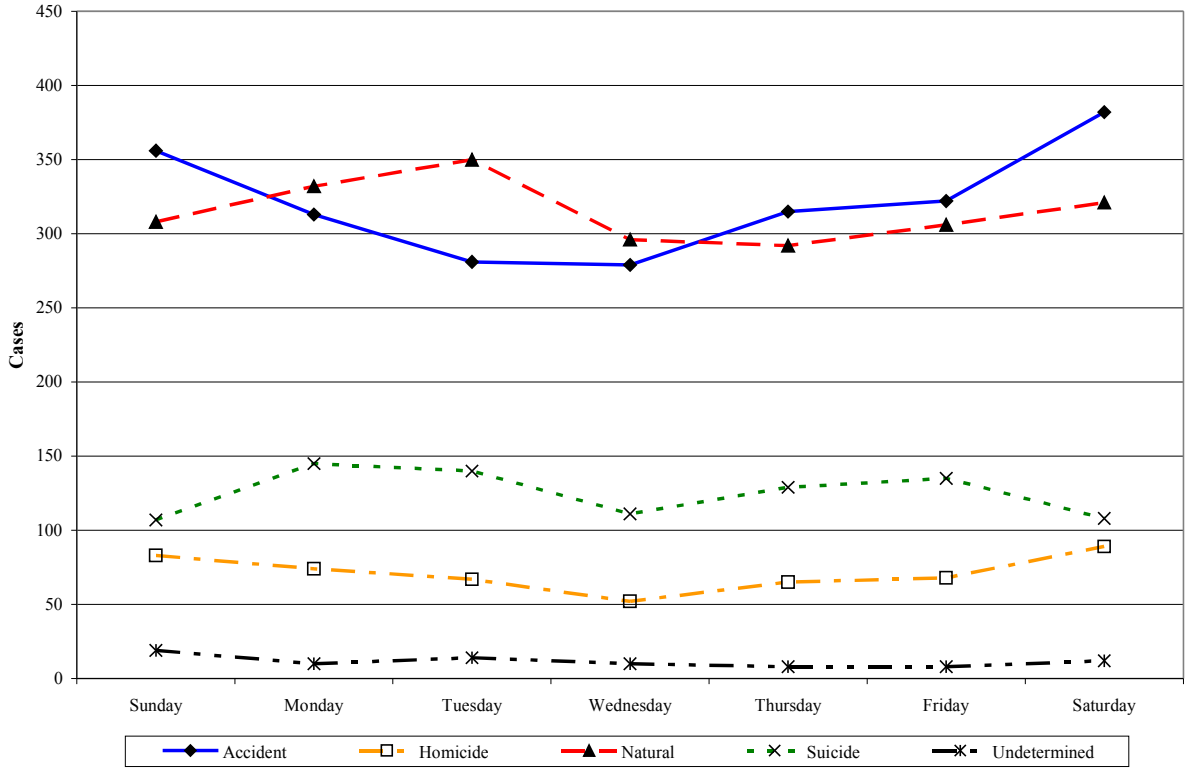


Table 5. Total Cases by Manner of Death by Gender, 2005

	Manner of Death					
Gender	**Accident (%)**	**Homicide (%)**	**Natural (%)**	**Suicide (%)**	**Undetermined (%)**	**Total (%)**
Male	1527 (67.9)	393(79.8)	1490 (67.6)	693 (79.2)	52 (64.2)	4155 (70.3)
Female	721 (32.1)	105 (32.1)	715 (32.4)	182 (20.8)	29 (35.8)	1752 (29.7)
Total	2248	498	2205	875	81	5907

Figure 8. Total Cases by Manner of Death by Gender, 2005

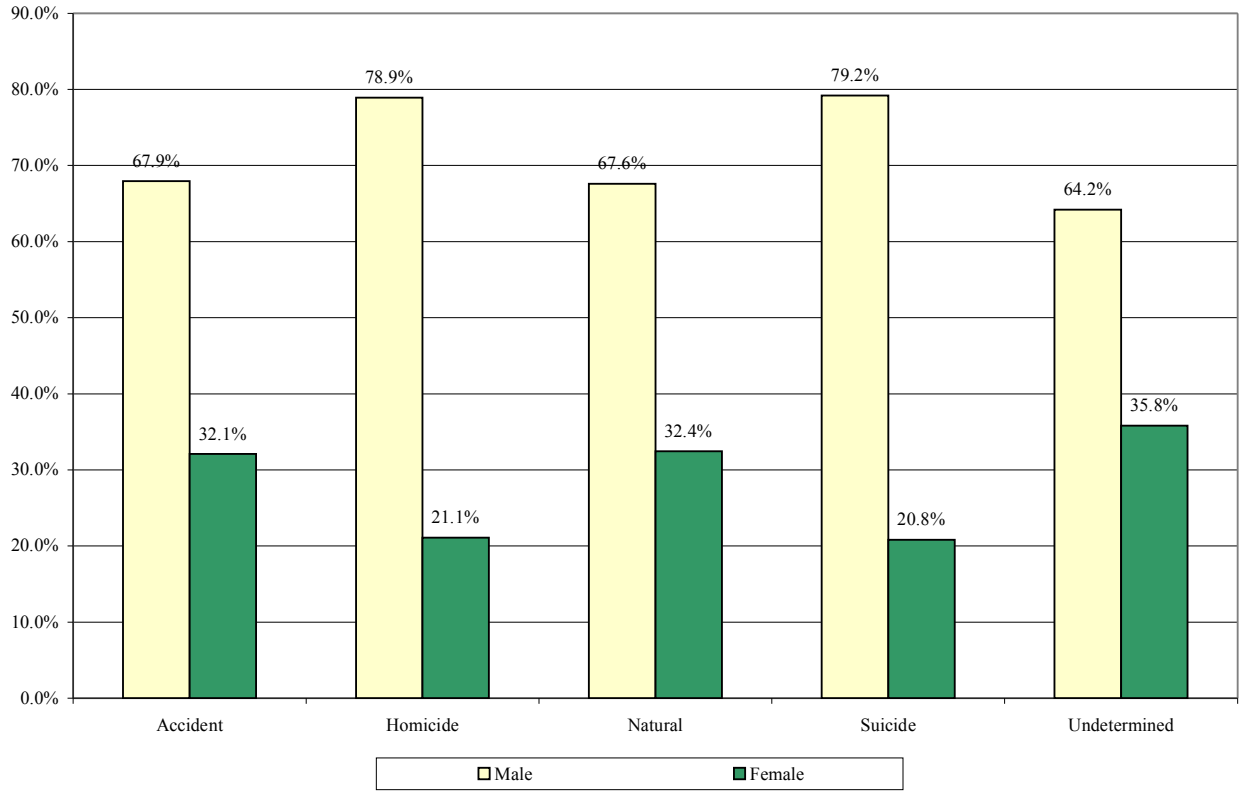


Table 6. Total Cases by Manner of Death by Age Group by Gender, 2005

		Manner of Death					
Gender	**Age**	**Accident**	**Homicide**	**Natural**	**Suicide**	**Undetermined**	**Total**
Male	<1	12	3	73	0	9	97
	1-4	19	5	8	0	1	33
	5-9	11	2	3	0	0	16
	10-14	15	6	3	8	0	32
	15-19	116	45	6	24	1	192
	20-24	168	86	28	50	4	336
	25-34	202	108	69	124	7	510
	35-44	297	60	185	123	7	672
	45-54	247	48	401	146	13	855
	55-64	149	15	327	99	4	594
	65-74	110	10	225	58	2	405
	75-84	124	5	119	44	2	294
	85-94	52	0	38	17	1	108
	95+	4	0	5	0	0	9
	Unknown	1	0	0	0	1	2
	Subtotal	**1527**	**393**	**1490**	**693**	**52**	**4155**
Female	<1	11	6	51	0	4	72
	1-4	11	6	7	0	1	25
	5-9	12	1	4	0	1	18
	10-14	8	2	2	4	0	16
	15-19	36	9	7	12	2	66
	20-24	44	14	13	10	1	82
	25-34	75	16	47	26	2	166
	35-44	118	25	86	34	6	269
	45-54	103	9	127	43	3	285
	55-64	78	9	121	36	5	249
	65-74	60	3	90	9	1	163
	75-84	88	5	91	6	1	191
	85-94	69	0	58	2	1	130
	95+	8	0	11	0	1	20
	Subtotal	**721**	**105**	**715**	**182**	**29**	**1752**
Total		**2248**	**498**	**2205**	**875**	**81**	**5907**

Figure 9. Total Cases by Manner of Death by Race/Ethnicity, 2005

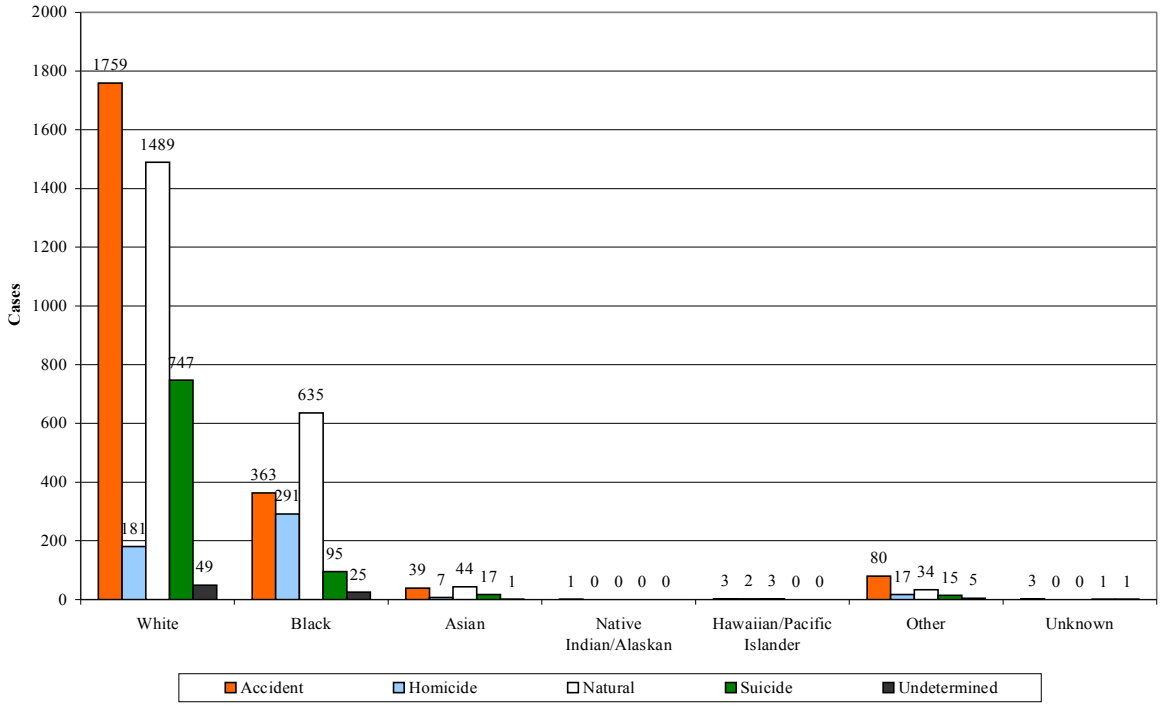


Figure 10. Total Cases by Manner of Death by Year of Death, 1999-2005

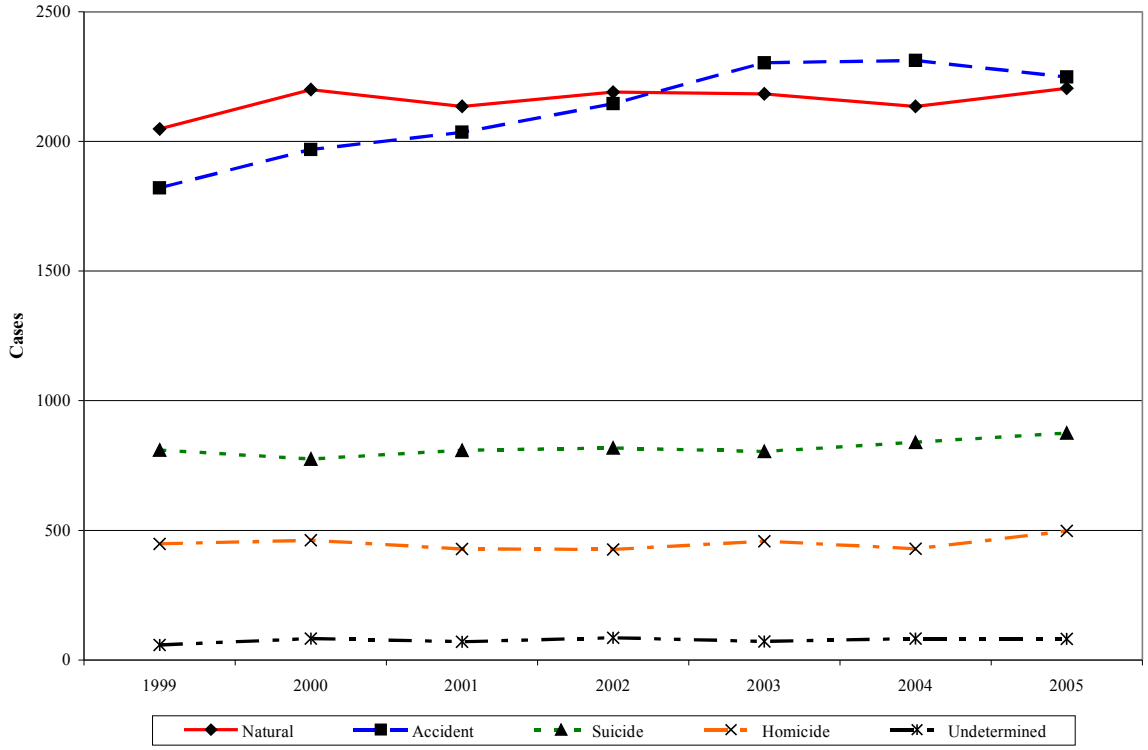


Table 7. Total Cases by Locality of Injury Leading to Death, 2005

	MANNER					
Locality of Injury Leading to Death	Accident Total	Homicide Total	Natural Total	Suicide Total	Undetermined Total	Total
ACCOMACK COUNTY	24	0	20	5	1	50
ALBEMARLE COUNTY	26	2	16	6	0	50
ALEXANDRIA CITY	14	6	56	8	0	84
ALLEGHANY COUNTY	7	0	7	1	2	17
AMELIA COUNTY	9	0	5	2	0	16
AMHERST COUNTY	7	2	13	5	0	27
APPOMATTOX COUNTY	7	1	7	4	0	19
ARLINGTON	16	3	42	27	0	88
AUGUSTA COUNTY	41	5	16	10	1	73
BATH COUNTY	0	0	1	0	0	1
BEDFORD CITY	5	0	5	0	1	11
BEDFORD COUNTY	28	0	12	8	0	48
BLAND COUNTY	2	0	3	0	1	6
BOTETOURT COUNTY	7	2	9	7	0	25
BRISTOL	5	2	5	5	1	18
BRUNSWICK COUNTY	13	2	10	3	1	29
BUCHANAN COUNTY	24	2	13	8	0	47
BUCKINGHAM COUNTY	6	1	6	0	1	14
BUENA VISTA	4	0	0	1	0	5
CAMPBELL COUNTY	23	0	8	11	0	42
CAROLINE COUNTY	15	0	9	3	0	27
CARROLL COUNTY	10	1	9	7	0	27
CHARLES CITY COUNTY	1	1	2	0	0	4
CHARLOTTE COUNTY	10	0	2	0	0	12
CHARLOTTESVILLE CITY	24	2	16	9	1	52
CHESAPEAKE	44	15	56	14	1	130
CHESTERFIELD COUNTY	55	9	55	30	5	154
CLARKE COUNTY	9	0	1	2	1	13
COLONIAL HEIGHTS CITY	4	0	4	1	0	9
COVINGTON	0	0	1	1	1	3
CRAIG COUNTY	3	1	2	3	1	10
CULPEPER COUNTY	7	1	16	5	1	30
CUMBERLAND COUNTY	9	1	3	1	0	14
DANVILLE	17	8	24	8	1	58
DICKENSON COUNTY	8	3	2	2	0	15
DINWIDDIE COUNTY	11	3	8	8	0	30
EMPORIA CITY	4	1	6	0	0	11
ESSEX COUNTY	5	0	5	0	0	10
FAIRFAX CITY	2	0	0	0	0	2
FAIRFAX COUNTY	206	32	180	80	3	501
FALLS CHURCH CITY	2	0	4	1	0	7
FAUQUIER COUNTY	23	1	15	9	0	48
FLOYD COUNTY	4	0	2	1	1	8
FLUVANNA COUNTY	10	0	9	2	0	21
FRANKLIN CITY	0	0	1	1	0	2
FRANKLIN COUNTY	29	0	17	7	1	54

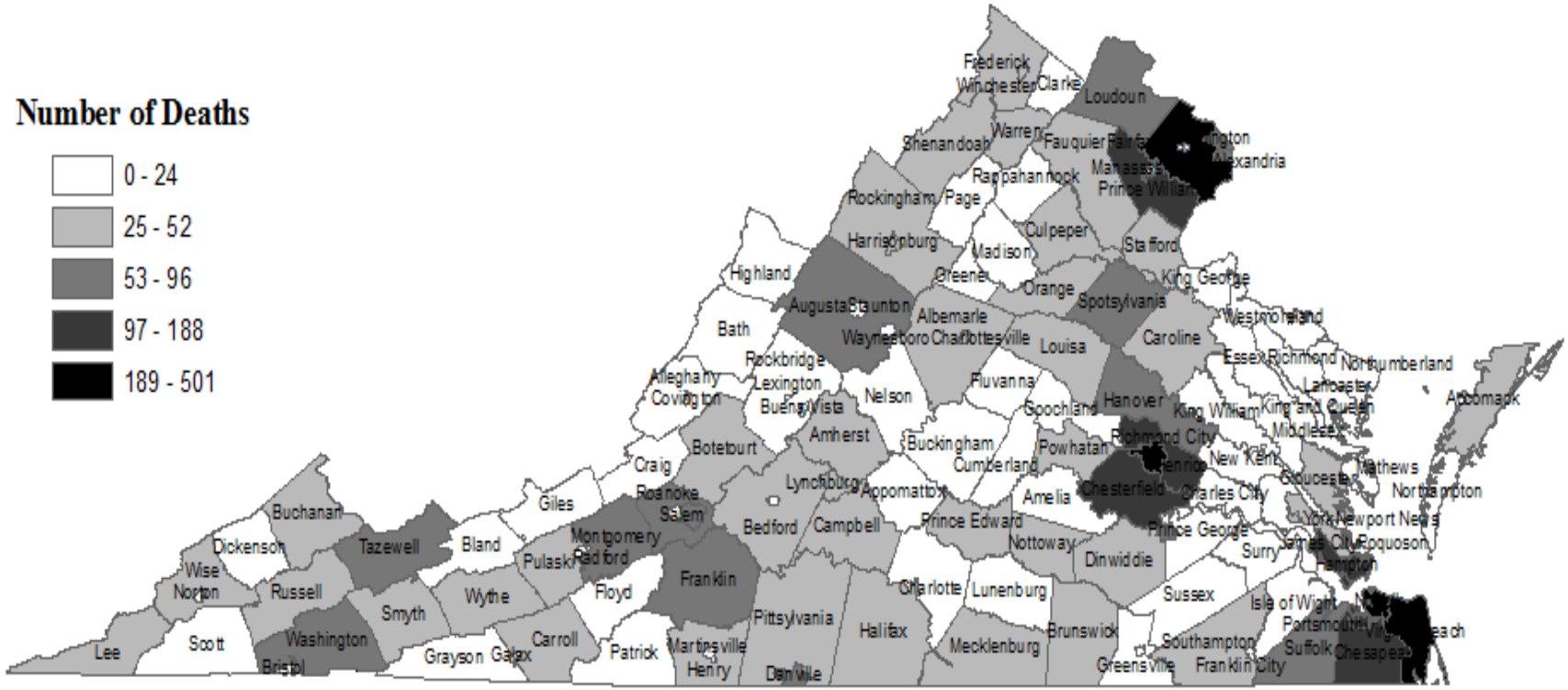
~continued

Locality of Injury Leading to Death	MANNER					
	Accident Total	Homicide Total	Natural Total	Suicide Total	Undetermined Total	Total
FREDERICK COUNTY	19	0	14	5	0	38
FREDERICKSBURG CITY	16	1	23	2	0	42
GALAX	2	0	3	2	0	7
GILES COUNTY	9	0	3	1	0	13
GLOUCESTER COUNTY	12	0	7	10	4	33
GOOCHLAND COUNTY	5	1	1	4	0	11
GRAYSON COUNTY	10	2	5	5	0	22
GREENE COUNTY	13	0	7	1	0	21
GREENSVILLE COUNTY	8	1	10	0	0	19
HALIFAX COUNTY	18	2	16	3	1	40
HAMPTON	20	13	80	12	2	127
HANOVER COUNTY	25	1	24	10	1	61
HARRISONBURG	10	1	16	5	1	33
HENRICO COUNTY	75	16	70	25	2	188
HENRY COUNTY	9	7	15	13	0	44
HIGHLAND COUNTY	0	0	0	1	0	1
HOPEWELL CITY	4	1	11	2	0	18
ISLE OF WIGHT	8	0	2	1	0	11
JAMES CITY COUNTY	10	0	13	1	0	24
KING & QUEEN COUNTY	5	1	4	1	0	11
KING GEORGE COUNTY	5	0	9	1	0	15
KING WILLIAM COUNTY	4	1	2	2	2	11
LANCASTER COUNTY	4	0	2	3	0	9
LEE COUNTY	20	1	15	5	0	41
LEXINGTON	2	0	1	1	0	4
LOUDOUN COUNTY	30	5	36	17	0	88
LOUISA COUNTY	12	0	10	3	0	25
LUNENBURG COUNTY	2	0	12	2	1	17
LYNCHBURG	14	5	19	3	0	41
MADISON COUNTY	4	0	3	2	0	9
MANASSAS CITY	8	2	9	4	0	23
MARTINSVILLE	4	0	5	4	0	13
MATHEWS COUNTY	4	0	1	4	0	9
MECKLENBURG COUNTY	16	3	5	9	0	33
MIDDLESEX COUNTY	6	0	2	3	0	11
MONTGOMERY COUNTY	33	2	23	9	0	67
NELSON COUNTY	6	1	2	4	0	13
NEW KENT COUNTY	7	0	3	3	1	14
NEWPORT NEWS	44	20	65	13	1	143
NORFOLK	72	63	112	25	4	276
NORTHAMPTON COUNTY	8	1	7	1	0	17
NORTHUMBERLAND COUNTY	8	1	3	3	0	15
NORTON	4	0	3	0	0	7
NOTTOWAY COUNTY	10	2	20	0	0	32
ORANGE COUNTY	10	3	8	6	0	27
PAGE COUNTY	8	1	5	5	0	19
PATRICK COUNTY	10	2	1	5	0	18
PETERSBURG CITY	9	10	46	3	4	72

~continued

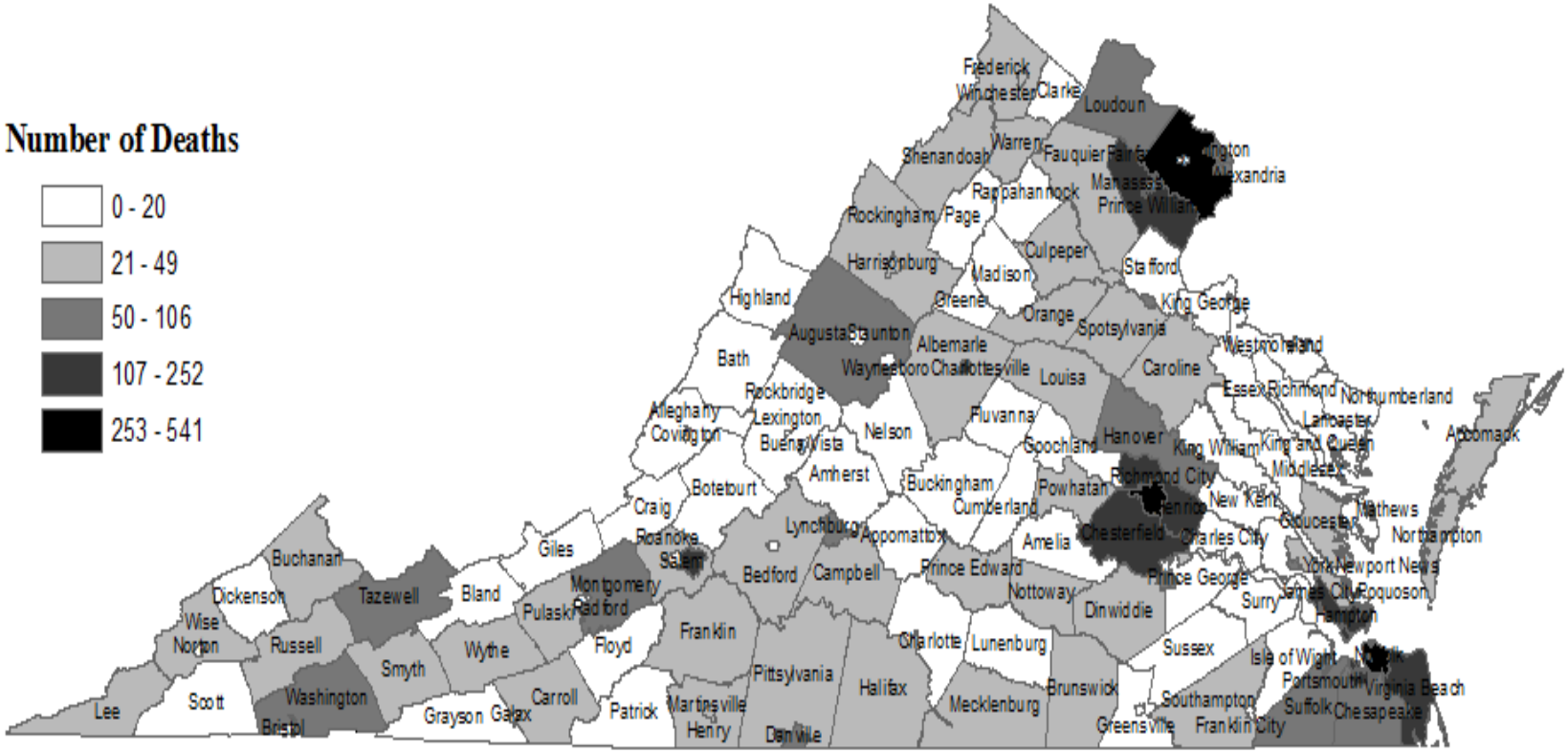
Locality of Injury Leading to Death	MANNER					
	Accident Total	Homicide Total	Natural Total	Suicide Total	Undetermined Total	Total
PITTSYLVANIA COUNTY	22	3	14	11	0	50
POQUOSON	1	0	3	1	0	5
PORTSMOUTH	24	22	59	13	4	122
POWHATAN COUNTY	8	0	32	5	0	45
PRINCE EDWARD COUNTY	13	3	7	2	0	25
PRINCE GEORGE COUNTY	8	1	7	2	0	18
PRINCE WILLIAM COUNTY	54	11	49	37	1	152
PULASKI COUNTY	19	0	5	7	3	34
RADFORD	6	0	3	4	0	13
RAPPAHANNOCK COUNTY	6	0	0	1	0	7
RICHMOND CITY	113	95	135	36	5	384
RICHMOND COUNTY	3	1	3	4	0	11
ROANOKE CITY	29	15	32	18	2	96
ROANOKE COUNTY	26	2	12	14	1	55
ROCKBRIDGE COUNTY	9	1	11	2	0	23
ROCKINGHAM COUNTY	23	1	10	7	1	42
RUSSELL COUNTY	18	1	6	5	1	31
SALEM	7	0	4	3	0	14
SCOTT COUNTY	5	0	4	3	0	12
SHENANDOAH COUNTY	12	0	7	10	0	29
SMYTH COUNTY	14	7	4	7	0	32
SOUTHAMPTON COUNTY	13	1	10	2	0	26
SPOTSYLVANIA COUNTY	30	0	24	6	0	60
STAFFORD COUNTY	14	2	15	12	0	43
STAUNTON CITY	2	1	8	3	1	15
SUFFOLK	19	10	24	6	1	60
SURRY COUNTY	7	1	0	0	0	8
SUSSEX COUNTY	9	0	6	0	0	15
TAZEWELL COUNTY	38	1	14	12	1	66
VIRGINIA BEACH	103	24	115	30	2	274
WARREN COUNTY	11	0	6	8	0	25
WASHINGTON COUNTY	26	2	20	8	1	57
WAYNESBORO	9	0	3	6	0	18
WESTMORELAND COUNTY	6	1	3	4	0	14
WILLIAMSBURG CITY	10	3	29	8	1	51
WINCHESTER CITY	16	1	11	3	0	31
WISE COUNTY	13	3	14	8	0	38
WYTHE COUNTY	10	0	11	7	0	28
YORK COUNTY	15	2	15	4	0	36
TOTAL FOR STATE	**2193**	**492**	**2191**	**869**	**75**	**5820**
OUT OF STATE	34	2	8	5	1	50
OUT OF COUNTRY	0	0	1	0	0	1
UNKNOWN	21	4	5	1	5	30
TOTAL	**2248**	**498**	**2205**	**875**	**81**	**5907**

Figure 11. Total Cases by Location of Injury Leading to Death, 2005



Localities where the event/action/injury leading to death occurred, but the actual death may have occurred in a different location.

Figure 12. Total Cases by Locality of Death, 2005



Localities where death occurred, but not necessarily the event/action/injury leading to death

Table 8. Total Cases by Locality of Residence, 2005

Manner of Death

Locality of Residence	Accident Total	Accident Rate*	Homicide Total	Homicide Rate*	Natural Total	Natural Rate*	Suicide Total	Suicide Rate*	Undeter-mined Total	Undeter-mined Rate*	Total	Total Rate*
ACCOMACK	16	40.6	0	0.0	21	53.3	4	10.1	1	2.5	42	106.5
ALBEMARLE	15	16.5	2	2.2	12	13.2	5	5.5	0	0.0	34	37.5
ALEXANDRIA	22	16.3	6	4.4	34	25.1	7	5.2	0	0.0	69	51.0
ALLEGHANY	5	29.9	0	0.0	5	29.9	1	6.0	2	12.0	13	77.8
AMELIA	9	73.3	0	0.0	5	40.7	2	16.3	0	0.0	16	130.4
AMHERST	8	24.9	0	0.0	12	37.3	5	15.6	0	0.0	25	77.8
APPOMATTOX	6	43.0	2	14.3	7	50.1	4	28.6	0	0.0	19	136.0
ARLINGTON	19	9.7	2	1.0	38	19.4	24	12.2	0	0.0	83	42.4
AUGUSTA	32	45.9	5	7.2	13	18.6	10	14.3	0	0.0	60	86.1
BATH	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
BEDFORD CITY	5	80.5	0	0.0	5	80.5	1	16.1	1	16.1	12	193.2
BEDFORD	31	47.5	0	0.0	11	16.8	7	10.7	0	0.0	49	75.1
BLAND	2	28.8	0	0.0	2	28.8	0	0.0	1	14.4	5	72.0
BOTETOURT	5	15.6	2	6.2	10	31.2	6	18.7	0	0.0	23	71.8
BRISTOL	5	28.8	2	11.5	5	28.8	4	23.1	0	0.0	16	92.3
BRUNSWICK	11	61.4	2	11.2	11	61.4	4	22.3	1	5.6	29	161.8
BUCHANAN	26	105.0	2	8.1	13	52.5	7	28.3	0	0.0	48	193.9
BUCKINGHAM	10	62.3	0	0.0	5	31.1	0	0.0	1	6.2	16	99.6
BUENA VISTA	6	93.2	0	0.0	1	15.5	2	31.1	0	0.0	9	139.8
CAMPBELL	13	24.8	1	1.9	8	15.3	11	21.0	0	0.0	33	63.1
CAROLINE	11	43.0	1	3.9	8	31.3	2	7.8	1	3.9	23	90.0
CARROLL	5	17.0	1	3.4	7	23.8	8	27.2	0	0.0	21	71.3
CHARLES CITY	2	28.1	1	14.0	2	28.1	0	0.0	0	0.0	5	70.2
CHARLOTTE	9	72.6	1	8.1	6	48.4	0	0.0	0	0.0	16	129.0
CHARLOTTESVILLE	17	42.0	2	4.9	13	32.1	9	22.3	0	0.0	41	101.4
CHESAPEAKE	50	22.8	16	7.3	56	25.6	14	6.4	1	0.5	137	62.6
CHESTERFIELD	52	18.0	19	6.6	56	19.4	30	10.4	2	0.7	159	55.0

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Manner of Death

Locality of Residence	Accident Total	Accident Rate*	Homicide Total	Homicide Rate*	Natural Total	Natural Rate*	Suicide Total	Suicide Rate*	Undeter-mined Total	Undeter-mined Rate*	Total	Total Rate*
CLARKE	7	49.3	0	0.0	3	21.1	2	14.1	1	7.0	13	91.5
COLONIAL HEIGHTS	6	34.2	1	5.7	7	39.8	3	17.1	0	0.0	17	96.8
COVINGTON	2	32.2	0	0.0	2	32.2	1	16.1	1	16.1	6	96.7
CRAIG	3	58.2	1	19.4	4	77.6	2	38.8	1	19.4	11	213.4
CULPEPER	14	32.9	1	2.4	17	40.0	5	11.8	1	2.4	38	89.3
CUMBERLAND	7	74.6	1	10.7	3	32.0	0	0.0	0	0.0	11	117.3
DANVILLE	15	32.5	7	15.2	23	49.8	7	15.2	1	2.2	53	114.9
DICKENSON	9	55.4	2	12.3	3	18.5	2	12.3	0	0.0	16	98.5
DINWIDDIE	11	43.3	2	7.9	8	31.5	7	27.6	0	0.0	28	110.3
EMPORIA	1	17.9	2	35.8	1	17.9	0	0.0	0	0.0	4	71.6
ESSEX	7	66.7	0	0.0	4	38.1	0	0.0	0	0.0	11	104.8
FAIRFAX CITY	2	9.1	0	0.0	2	9.1	0	0.0	0	0.0	4	18.2
FAIRFAX	142	14.1	24	2.4	145	14.4	73	7.3	2	0.2	386	38.3
FALLS CHURCH	2	18.6	0	0.0	3	27.8	1	9.3	0	0.0	6	55.7
FAUQUIER	23	35.4	1	1.5	18	27.7	9	13.8	1	1.5	52	80.0
FLOYD	7	47.8	0	0.0	1	6.8	1	6.8	1	6.8	10	68.3
FLUVANNA	11	44.4	1	4.0	10	40.4	3	12.1	0	0.0	25	101.0
FRANKLIN	31	61.6	0	0.0	17	33.8	9	17.9	1	2.0	58	115.2
FREDERICK	17	24.6	0	0.0	16	23.1	6	8.7	0	0.0	39	56.4
FREDERICKSBURG	12	57.9	1	4.8	15	72.4	2	9.6	0	0.0	30	144.7
GALAX	3	44.9	0	0.0	2	30.0	1	15.0	0	0.0	6	89.9
GILES	6	35.1	0	0.0	4	23.4	1	5.8	0	0.0	11	64.3
GLOUCESTER	17	45.0	0	0.0	6	15.9	9	23.8	4	10.6	36	95.3
GOOCHLAND	3	15.5	0	0.0	2	10.3	5	25.8	0	0.0	10	51.7
GRAYSON	10	61.1	2	12.2	6	36.7	5	30.6	0	0.0	23	140.5
GREENE	11	63.2	1	5.7	9	51.7	1	5.7	0	0.0	22	126.3
GREENSVILLE	6	54.1	0	0.0	11	99.2	0	0.0	0	0.0	17	153.3
HALIFAX	20	55.1	1	2.8	12	33.1	3	8.3	1	2.8	37	102.0
HAMPTON	17	11.7	12	8.2	80	55.0	13	8.9	1	0.7	123	84.5
HANOVER	32	32.8	2	2.1	23	23.6	12	12.3	2	2.1	71	72.9

~continued

Manner of Death

Locality of Residence	Accident Total	Accident Rate*	Homicide Total	Homicide Rate*	Natural Total	Natural Rate*	Suicide Total	Suicide Rate*	Undeter-mined Total	Undeter-mined Rate*	Total	Total Rate*
HARRISONBURG	13	32.1	1	2.5	12	29.7	4	9.9	1	2.5	31	76.7
HENRICO	63	22.5	18	6.4	56	20.0	26	9.3	4	1.4	167	59.5
HENRY	11	19.5	6	10.6	16	28.3	15	26.5	0	0.0	48	85.0
HIGHLAND	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
HOPEWELL	6	26.4	1	4.4	9	39.7	2	8.8	0	0.0	18	79.3
ISLE OF WIGHT	12	35.9	0	0.0	5	15.0	0	0.0	0	0.0	17	50.9
JAMES CITY	7	12.2	2	3.5	12	20.9	1	1.7	0	0.0	22	38.2
KING & QUEEN	3	44.1	1	14.7	4	58.9	1	14.7	0	0.0	9	132.4
KING GEORGE	5	24.2	0	0.0	9	43.6	1	4.8	0	0.0	15	72.7
KING WILLIAM	6	40.7	1	6.8	2	13.6	2	13.6	2	13.6	13	88.2
LANCASTER	6	51.8	0	0.0	3	25.9	3	25.9	0	0.0	12	103.5
LEE	17	71.8	1	4.2	14	59.1	4	16.9	0	0.0	36	152.0
LEXINGTON	3	44.3	0	0.0	1	14.8	0	0.0	0	0.0	4	59.0
LOUDOUN	33	12.9	8	3.1	29	11.3	18	7.0	0	0.0	88	34.4
LOUISA	9	30.0	0	0.0	7	23.3	4	13.3	0	0.0	20	66.6
LUNENBURG	4	30.3	1	7.6	8	60.6	2	15.2	1	7.6	16	121.3
LYNCHBURG	19	28.4	4	6.0	18	26.9	4	6.0	0	0.0	45	67.2
MADISON	2	14.9	0	0.0	2	14.9	2	14.9	1	7.5	7	52.2
MANASSAS CITY	7	18.6	3	8.0	7	18.6	4	10.6	0	0.0	21	55.9
MARTINSVILLE	3	20.1	1	6.7	5	33.5	4	26.8	0	0.0	13	87.1
MATHEWS	3	32.6	0	0.0	2	21.8	4	43.5	0	0.0	9	97.9
MECKLENBURG	12	36.9	2	6.1	5	15.4	7	21.5	0	0.0	26	79.9
MIDDLESEX	6	57.2	0	0.0	0	0.0	3	28.6	0	0.0	9	85.8
MONTGOMERY	31	36.8	2	2.4	19	22.5	7	8.3	0	0.0	59	70.0
NELSON	10	66.2	1	6.6	2	13.2	4	26.5	0	0.0	17	112.6
NEW KENT	7	43.5	1	6.2	6	37.3	5	31.0	1	6.2	20	124.2
NEWPORT NEWS	41	22.8	17	9.4	68	37.8	13	7.2	1	0.6	140	77.8
NORFOLK	59	25.4	55	23.7	98	42.2	19	8.2	3	1.3	234	100.9
NORTHAMPTON	7	51.7	1	7.4	8	59.0	1	7.4	0	0.0	17	125.5
NORTHUMBERLAND	5	38.8	1	7.8	1	7.8	3	23.3	0	0.0	10	77.7
NORTON	3	81.6	0	0.0	3	81.6	0	0.0	0	0.0	6	163.2

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Manner of Death

Locality of Residence	Accident Total	Accident Rate*	Homicide Total	Homicide Rate*	Natural Total	Natural Rate*	Suicide Total	Suicide Rate*	Undeter-mined Total	Undeter-mined Rate*	Total	Total Rate*
NOTTOWAY	10	64.3	2	12.9	18	115.7	0	0.0	0	0.0	30	192.8
ORANGE	18	59.5	3	9.9	9	29.8	6	19.8	0	0.0	36	119.0
PAGE	7	29.4	1	4.2	8	33.6	4	16.8	0	0.0	20	83.9
PATRICK	8	41.6	1	5.2	1	5.2	3	15.6	0	0.0	13	67.7
PETERSBURG	12	36.8	7	21.5	37	113.5	1	3.1	3	9.2	60	184.0
PITTSYLVANIA	21	34.0	4	6.5	19	30.7	12	19.4	0	0.0	56	90.5
POQUOSON	2	16.9	0	0.0	5	42.3	1	8.5	0	0.0	8	67.7
PORTSMOUTH	31	30.9	23	23.0	53	52.9	13	13.0	4	4.0	124	123.8
POWHATAN	11	41.4	0	0.0	35	131.6	5	18.8	0	0.0	51	191.7
PRINCE EDWARD	16	78.2	2	9.8	5	24.4	3	14.7	0	0.0	26	127.1
PRINCE GEORGE	12	32.7	1	2.7	9	24.5	2	5.4	0	0.0	24	65.4
PRINCE WILLIAM	63	18.1	11	3.2	53	15.2	36	10.3	1	0.3	164	47.0
PULASKI	21	59.9	0	0.0	6	17.1	7	20.0	3	8.6	37	105.5
RADFORD	4	27.4	0	0.0	3	20.6	5	34.3	0	0.0	12	82.3
RAPPAHANNOCK	5	68.8	0	0.0	0	0.0	1	13.8	0	0.0	6	82.5
RICHMOND CITY	77	39.7	82	42.3	122	63.0	33	17.0	5	2.6	319	164.6
RICHMOND	4	43.9	1	11.0	3	32.9	3	32.9	0	0.0	11	120.7
ROANOKE CITY	31	33.5	15	16.2	28	30.2	19	20.5	2	2.2	95	102.6
ROANOKE	26	29.5	2	2.3	11	12.5	12	13.6	2	2.3	53	60.1
ROCKBRIDGE	6	28.2	1	4.7	6	28.2	1	4.7	0	0.0	14	65.9
ROCKINGHAM	18	25.3	1	1.4	12	16.8	5	7.0	2	2.8	38	53.3
RUSSELL	17	58.7	1	3.5	8	27.6	5	17.3	1	3.5	32	110.5
SALEM	9	36.5	0	0.0	4	16.2	2	8.1	0	0.0	15	60.8
SCOTT	7	30.5	0	0.0	5	21.8	2	8.7	0	0.0	14	61.0
SHENANDOAH	12	30.6	0	0.0	6	15.3	9	23.0	0	0.0	27	68.9
SMYTH	11	33.7	7	21.4	2	6.1	7	21.4	0	0.0	27	82.7
SOUTHAMPTON	9	51.2	0	0.0	11	62.6	3	17.1	0	0.0	23	130.8
SPOTSYLVANIA	20	17.2	1	0.9	20	17.2	10	8.6	0	0.0	51	43.8
STAFFORD	26	22.1	3	2.5	16	13.6	12	10.2	0	0.0	57	48.4
STAUNTON	3	12.9	1	4.3	8	34.3	3	12.9	1	4.3	16	68.6

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Manner of Death

Locality of Residence	Accident Total	Accident Rate*	Homicide Total	Homicide Rate*	Natural Total	Natural Rate*	Suicide Total	Suicide Rate*	Undeter-mined Total	Undeter-mined Rate*	Total	Total Rate*
SUFFOLK	15	19.0	10	12.7	24	30.4	4	5.1	0	0.0	53	67.1
SURRY	6	85.6	2	28.5	0	0.0	0	0.0	0	0.0	8	114.1
SUSSEX	4	33.1	0	0.0	6	49.7	0	0.0	0	0.0	10	82.8
TAZEWELL	35	78.1	1	2.2	14	31.3	11	24.6	0	0.0	61	136.2
VIRGINIA BEACH	100	22.8	25	5.7	104	23.7	31	7.1	3	0.7	263	60.0
WARREN	14	39.4	0	0.0	5	14.1	7	19.7	0	0.0	26	73.1
WASHINGTON	20	38.4	1	1.9	20	38.4	7	13.4	2	3.8	50	96.0
WAYNESBORO	10	47.0	0	0.0	3	14.1	8	37.6	0	0.0	21	98.7
WESTMORELAND	8	46.4	1	5.8	3	17.4	5	29.0	0	0.0	17	98.7
WILLIAMSBURG	10	85.1	3	25.5	15	127.6	7	59.6	1	8.5	36	306.4
WINCHESTER	8	31.8	1	4.0	4	15.9	3	11.9	0	0.0	16	63.7
WISE	15	35.7	3	7.1	13	31.0	8	19.0	0	0.0	39	92.9
WYTHE	9	31.7	0	0.0	8	28.1	6	21.1	0	0.0	23	80.9
YORK	9	14.6	1	1.6	12	19.4	4	6.5	0	0.0	26	42.1
TOTAL FOR STATE	**2039**	**26.9**	**475**	**6.3**	**2008**	**26.5**	**839**	**11.1**	**73**	**1.0**	**5434**	**71.8**
OUT OF COUNTRY	0	ND**	0	ND	11	ND	1	ND	0	ND	12	ND
OUT OF STATE	201	ND	22	ND	184	ND	35	ND	2	ND	444	ND
UNKNOWN	8	ND	1	ND	2	ND	0	ND	6	ND	17	ND
TOTAL	**2248**	**ND**	**498**	**ND**	**2205**	**ND**	**875**	**ND**	**81**	**ND**	**5907**	**ND**

*-Rate per 100,000

**-ND: No Denominator

Figure 13. Total Cases by Residency, 2005

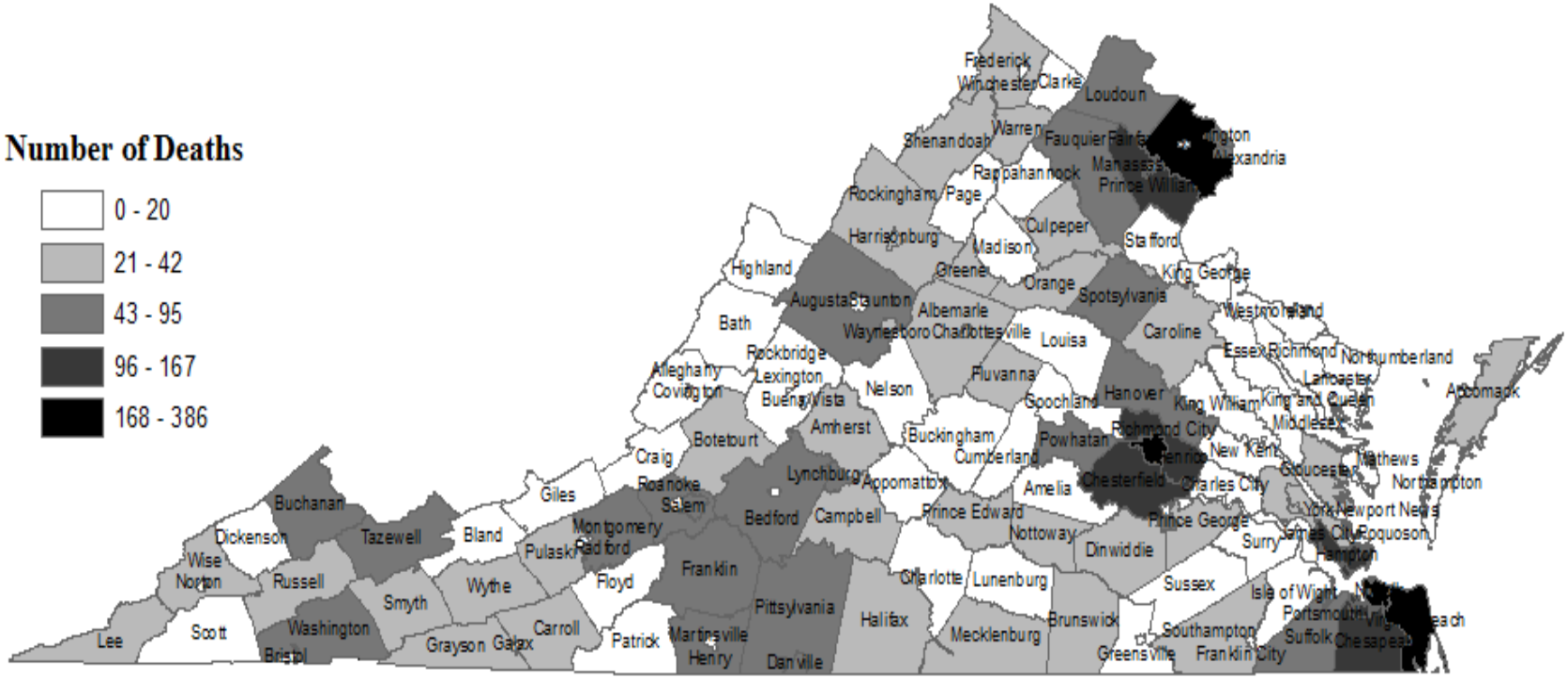


Table 9. Total Cases by Cause of Death, 2005

Natural Deaths	Total Cases	Autopsied
AIDS/HIV Complications	8	1
Alzheimer's Disease	5	1
Aneurysm	15	9
Asthma	17	10
Blood Disorders	1	0
Carcinoma	67	27
Cerebrovascular	36	19
COPD	19	4
Congenital Defect	8	2
Dehydration	4	4
Diabetes	37	17
Emboli	41	26
Emphysema	4	3
Epilepsy	23	20
Ethanolism	69	38
GastrointestinaI Hemorrhage	35	8
Heart Disease	1489	453
Hepatic Failure	33	13
History of Illness or Injury	2	2
Hypertension	7	1
Leukemia	3	0
Maternal and Fetal Complications	7	7
Medical Treatment	1	0
Meningitis	4	4
Obesity	16	4
Parkinson's Disease	1	0
Pneumonia	83	56
Prematurity	4	4
Renal Failure	12	1
Respiratory Distress Syndrome	1	1
Sepsis	30	11
Sudden Infant Death Syndrome	90	90
Natural - Other	44	32
Subtotal	**2216**	**868**
Unnatural Deaths		
Asphyxia	114	65
Carbon Monoxide Poisoning	91	53
Child Abuse	6	6
Drowning	102	68
Electrocution	15	12
Ethanol Poisoning	26	20
Exposure	21	11
Exsanguination	27	15
Gunshot Wound	884	867
Handgun	(657)	(646)
Rifle	(66)	(64)
Shotgun	(106)	(103)
Other	(4)	(4)
Unspecified	(51)	(5)
Hanging	159	82
Head and Neck Injuries	599	107
Multiple Injuries	822	182
Narcotic Abuse	194	168
Stab Wound	57	54

~continued

Subdural Hematoma	87	7
Substance Poisoning	404	358
Thermal Injuries (burns)	36	19
Unnatural - Other	12	6
Subtotal	**3657**	**2101**
Undetermined Deaths		
Skeletal/Mummified Remains	2	2
Undetermined after Autopsy and/or Investigation	32	30
Subtotal	**34**	**32**
Total	**5907**	**3001**

SECTION 3: MANNER OF DEATH

NATURAL DEATH

Natural deaths enter the medical examiner system as deaths that are sudden, unexpected and suspicious; that upon examination and investigation are established as natural or as unattended by a physician for a disease process that could reasonably be expected to account for death.

- Natural deaths accounted for 37.0 percent of the deaths investigated by the OCME in 2005; the number investigated has increased 7.7 percent since 1999.
- For children 17 years and younger, the highest number of deaths occurred for those aged under 1 years old.

Figure 14. Natural Deaths by Gender by Age Group, 2005

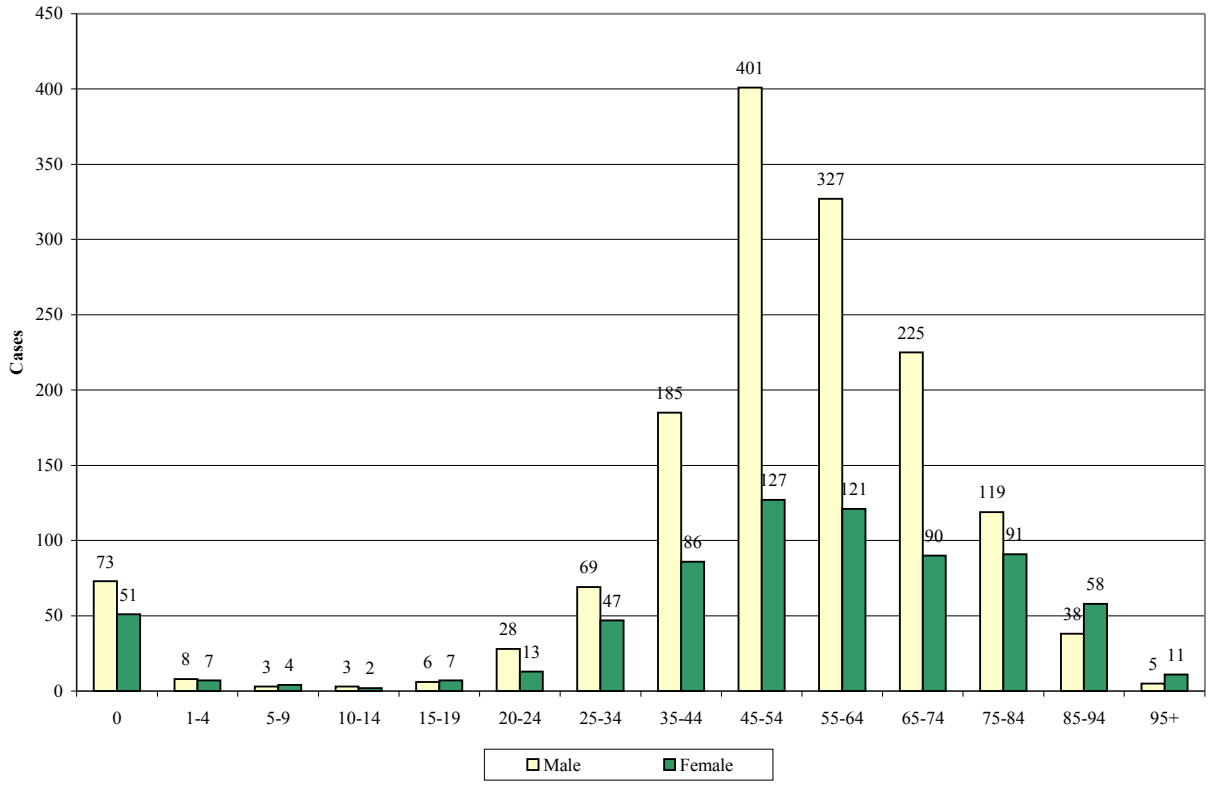


Figure 15. Natural Deaths by Race/Ethnicity, 2005

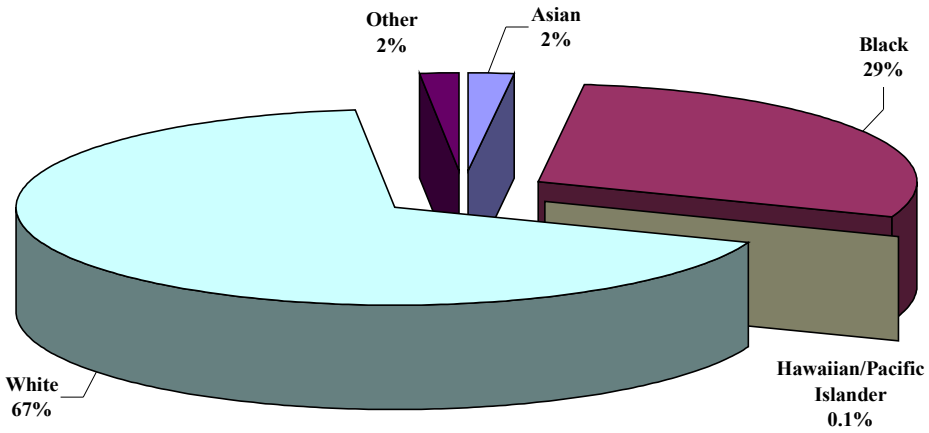
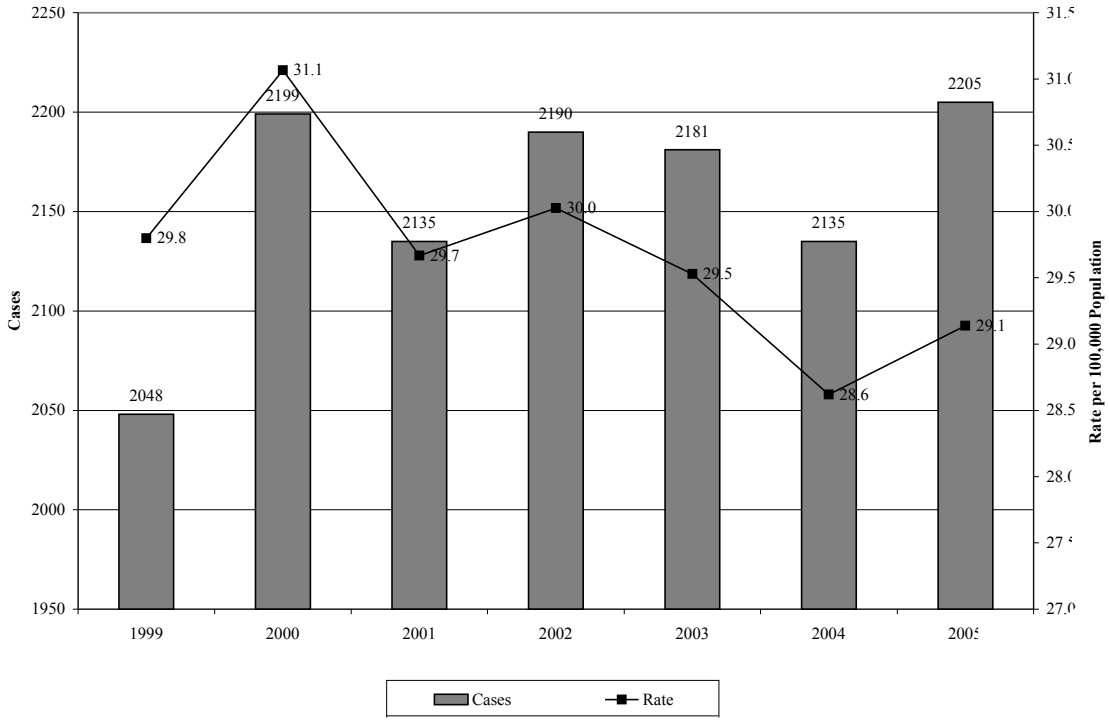


Figure 16. Natural Deaths by Year of Death, 1999-2005



ACCIDENTAL DEATHS

Accidental deaths accounted for 38.1 percent of the deaths investigated by OCME in 2005; this represents the greatest proportion of deaths by manner. The number of accidental deaths investigated annually by the OCME has increased 23.5 percent since 1999.

- Accidents involving a motor vehicle were the most common cause of accidental deaths with 45.1 percent; this was more than double the next leading cause, drug use, with 21.0 percent of all accidental deaths.

Figure 17. Accidental Deaths by Gender by Age Group, 2005

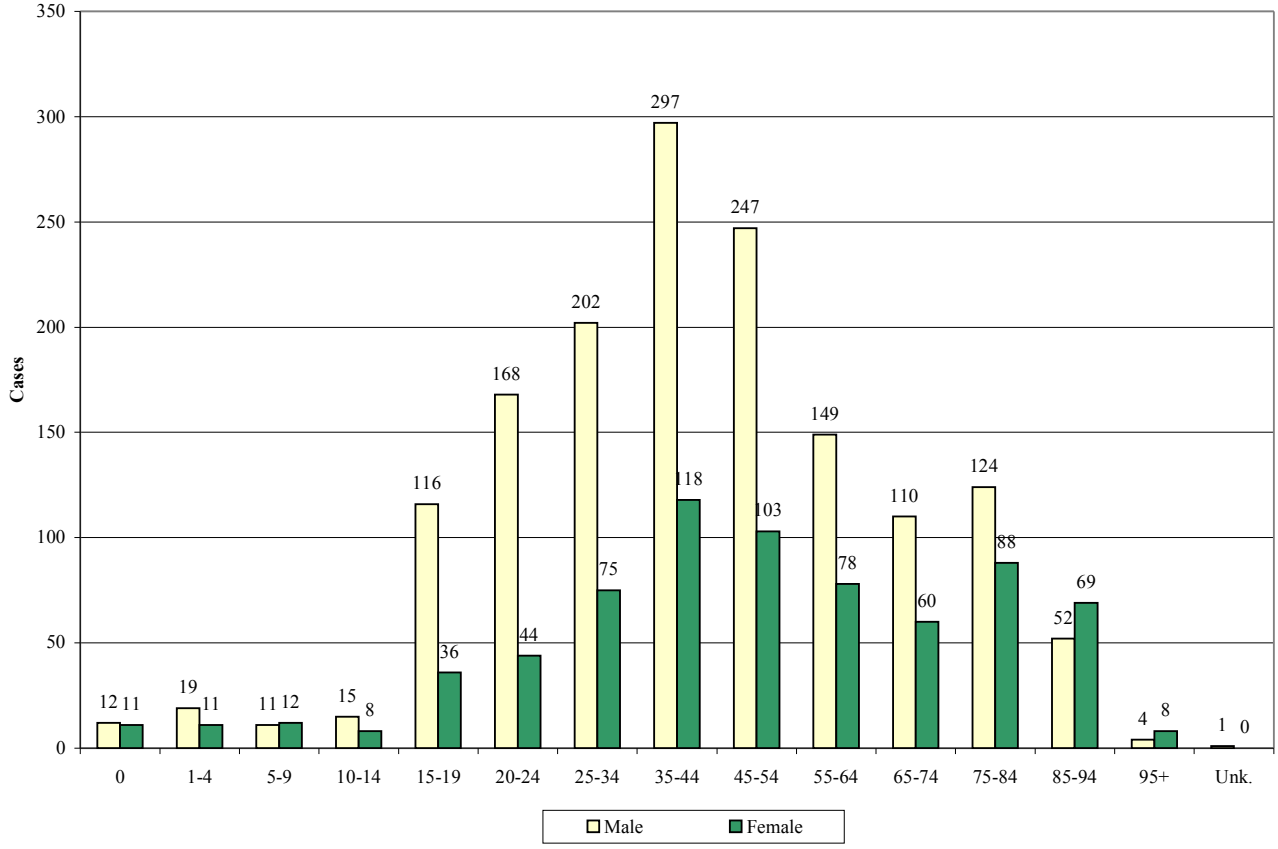


Figure 18. Proportion of Accidental Deaths by Race/Ethnicity, 2005

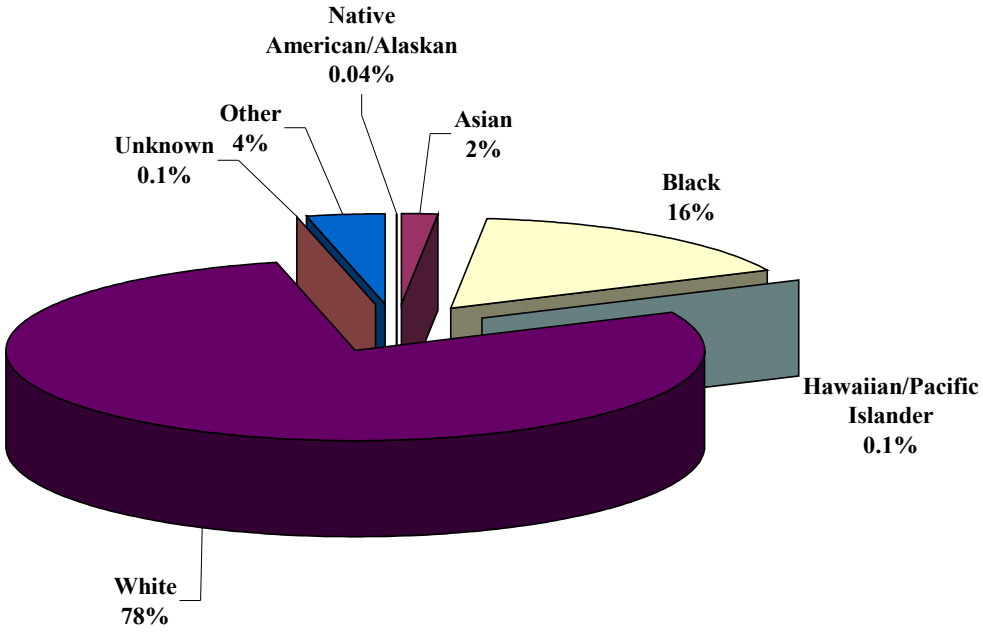


Figure 19. Accidental Deaths by Year of Death, 1999-2005

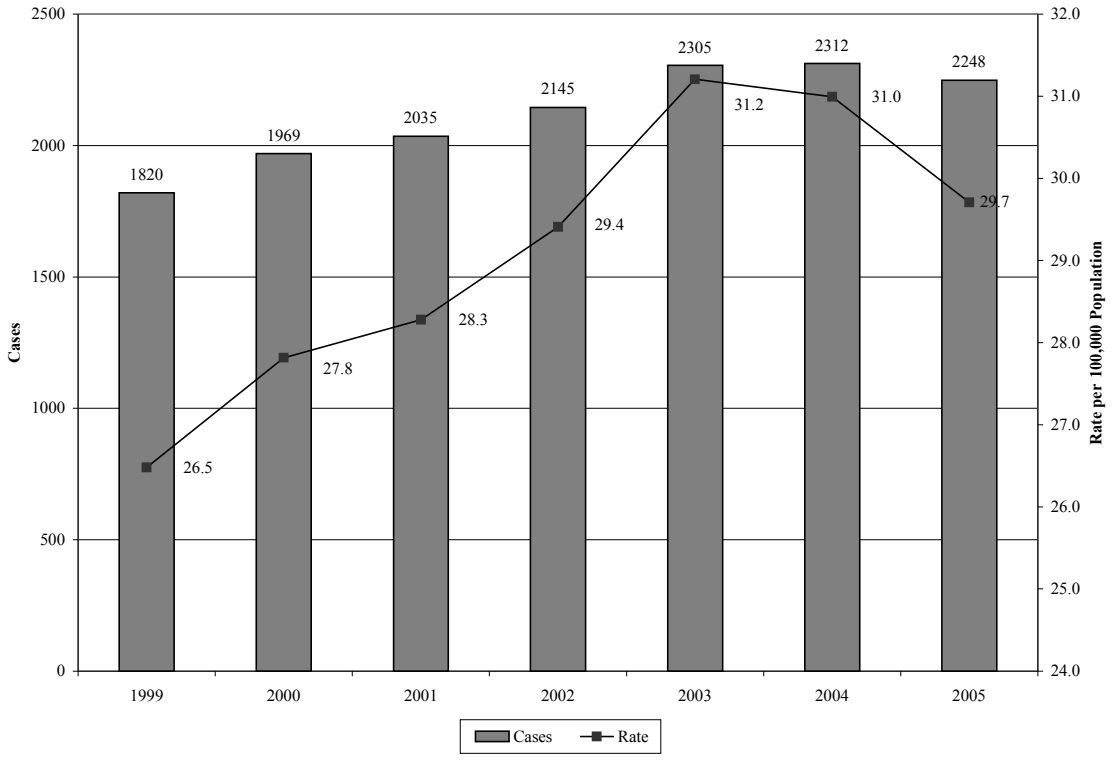


Table 10. Accidental Deaths by Fatal Agency, 2005

Fatal Agency	Total Cases	Autopsied
Aircraft		
Passenger/Pilot in aircraft crash	6	5
Animal Related		
Animal related (bitten, kicked, trampled)	5	3
Asphyxia		
Accidental ligature strangulation	5	2
Allergic reaction	1	0
Choked on foreign object	20	5
Crushed/suffocated	32	22
Drowned	89	57
Hanging	12	7
Drug Use		
Ingested alcohol (ethanol)	25	19
Ingested and/or injected illicit drug and/or prescription medications	475	423
Electrical		
Contacted electrical current	10	8
Lightning	1	0
Exposure		
Exposed to cold	15	8
Exposed to heat	4	3
Fall		
Fall from all heights	352	51
Fire		
Scalded by hot water, hot oil, other agent	2	0
Smoke Inhalation (Carbon Monoxide)	52	33
Victim of explosion	2	2
Victim of Fire	25	11
Machinery		
Farm or industrial machinery accident	9	3
Motor Vehicle		
Vehicular: ATV	10	0
Vehicular: auto/truck (driver)	589	65
Vehicular: auto/truck (passenger)	195	29
Vehicular: auto/truck (pedestrian)	102	32
Vehicular: auto/truck (unknown)	19	5
Vehicular: bicycle	17	3
Vehicular: boat	3	3
Vehicular: mo-ped	2	0
Vehicular: motorcycle	59	5
Vehicular: tractor/heavy construction equipment	9	3
Vehicular: train	6	4
Vehicular: other	20	4
Poisoned		
Inhaled toxic agent (Carbon Monoxide - Other)	6	3

~continued

Fatal Agency	Total Cases	Autopsied
Traumatic Injury		
Accidental discharge of firearm	4	4
Handgun	(3)	(3)
Shotgun	(1)	(1)
Accidental cut injury	1	0
Cave-in	2	2
Received blow/collided with object	25	7
Sports related	3	1
Other traumatic causes	30	16
Unknown		
Accident - Unknown	4	2
Total	**2248**	**850**

Table 11. Accidental Deaths by Locality of Injury Leading to Death by Leading Methods of Death, 2005

	LEADING FATAL AGENCIES OF ACCIDENTAL DEATHS						
LOCALITY OF INJURY LEADING TO ACCIDENTAL DEATH	DROWNING	FALL/ PUSH	POISONING: DRUGS, OTHER POISONS	VEHICULAR: AUTO/TRUCK (DRIVER)	VEHICULAR: AUTO/TRUCK (PASSENGER)	VEHICULAR: AUTO/TRUCK (PEDESTRIAN)	TOTAL
ACCOMACK COUNTY	3	1	2	7	5	2	20
ALBEMARLE COUNTY	2	3	2	10	3	0	20
ALEXANDRIA CITY	1	1	5	1	1	2	11
ALLEGHANY COUNTY	0	1	0	4	1	0	6
AMELIA COUNTY	1	0	1	3	2	1	8
AMHERST COUNTY	0	1	2	3	0	1	7
APPOMATTOX COUNTY	0	1	0	2	3	0	6
ARLINGTON	1	6	2	2	0	1	12
AUGUSTA COUNTY	3	2	2	17	5	1	30
BEDFORD CITY	0	2	1	1	0	1	5
BEDFORD COUNTY	0	5	4	7	4	1	21
BLAND COUNTY	0	0	0	2	0	0	2
BOTETOURT COUNTY	0	1	1	2	1	0	5
BRISTOL	0	0	4	1	0	0	5
BRUNSWICK COUNTY	0	2	2	4	3	0	11
BUCHANAN COUNTY	2	1	11	4	2	0	20
BUCKINGHAM COUNTY	0	0	0	2	2	0	4
BUENA VISTA	0	0	1	0	0	0	1
CAMPBELL COUNTY	0	6	0	9	3	1	19
CAROLINE COUNTY	1	1	0	4	4	0	10
CARROLL COUNTY	0	0	4	2	1	2	9
CHARLOTTE COUNTY	1	0	1	4	1	0	7
CHARLOTTESVILLE CITY	1	8	2	6	1	2	20
CHESAPEAKE	1	7	11	14	2	2	37
CHESTERFIELD COUNTY	4	5	9	16	7	2	43
CLARKE COUNTY	0	1	2	4	1	1	9
COLONIAL HEIGHTS CITY	1	0	2	0	0	0	3
CRAIG COUNTY	0	0	1	1	0	0	2

~continued

LOCALITY OF INJURY LEADING TO ACCIDENTAL DEATH	LEADING FATAL AGENCIES OF ACCIDENTAL DEATHS						
	DROWNING	FALL/ PUSH	POISONING: DRUGS, OTHER POISONS	VEHICULAR: AUTO/TRUCK (DRIVER)	VEHICULAR: AUTO/TRUCK (PASSENGER)	VEHICULAR: AUTO/TRUCK (PEDESTRIAN)	TOTAL
CULPEPER COUNTY	0	1	0	3	0	3	7
CUMBERLAND COUNTY	0	0	0	4	5	0	9
DANVILLE	1	4	5	3	0	0	13
DICKENSON COUNTY	0	0	6	1	0	0	7
DINWIDDIE COUNTY	1	1	0	5	1	1	9
EMPORIA CITY	0	0	1	3	0	0	4
ESSEX COUNTY	0	0	1	2	1	0	4
FAIRFAX CITY	0	0	0	0	1	0	1
FAIRFAX COUNTY	5	68	27	49	13	12	174
FALLS CHURCH CITY	0	1	0	0	1	0	2
FAUQUIER COUNTY	0	1	2	12	1	1	17
FLOYD COUNTY	0	2	1	0	0	0	3
FLUVANNA COUNTY	0	2	1	3	1	0	7
FRANKLIN COUNTY	0	4	9	10	1	0	24
FREDERICK COUNTY	0	0	3	8	2	1	14
FREDERICKSBURG CITY	0	11	0	0	0	0	11
GALAX	0	0	1	0	0	0	1
GILES COUNTY	2	1	1	2	0	0	6
GLOUCESTER COUNTY	0	1	3	5	2	0	11
GOOCHLAND COUNTY	0	0	0	4	1	0	5
GRAYSON COUNTY	0	0	2	3	1	0	6
GREENE COUNTY	0	0	1	4	3	1	9
GREENSVILLE COUNTY	0	1	0	3	2	1	7
HALIFAX COUNTY	0	1	5	5	2	1	14
HAMPTON	2	3	7	2	1	0	15
HANOVER COUNTY	1	7	4	7	4	1	24
HARRISONBURG	0	2	2	1	0	2	7
HENRICO COUNTY	4	17	22	10	4	6	63
HENRY COUNTY	1	0	1	4	1	1	8
HOPEWELL CITY	1	1	0	0	0	0	2
ISLE OF WIGHT	0	1	0	5	1	0	7
JAMES CITY COUNTY	0	0	2	3	2	1	8
KING & QUEEN COUNTY	0	1	0	3	0	0	4
KING GEORGE COUNTY	0	0	0	3	1	0	4
KING WILLIAM COUNTY	0	0	2	1	0	0	3
LANCASTER COUNTY	0	0	0	2	0	0	2
LEE COUNTY	1	1	9	3	1	1	16
LEXINGTON	0	1	0	0	0	0	1
LOUDOUN COUNTY	0	2	4	9	3	2	20
LOUISA COUNTY	1	0	1	6	2	0	10
LUNENBURG COUNTY	0	0	0	1	0	0	1
LYNCHBURG	0	4	5	3	0	0	12
MADISON COUNTY	0	1	0	0	1	0	2
MANASSAS CITY	0	1	2	1	1	1	6
MARTINSVILLE	0	1	2	0	0	0	3
MATHEWS COUNTY	0	1	0	1	2	0	4
MECKLENBURG COUNTY	0	0	2	7	2	1	12

~continued

LOCALITY OF INJURY LEADING TO ACCIDENTAL DEATH	LEADING FATAL AGENCIES OF ACCIDENTAL DEATHS						
	DROWNING	FALL/ PUSH	POISONING: DRUGS, OTHER POISONS	VEHICULAR: AUTO/TRUCK (DRIVER)	VEHICULAR: AUTO/TRUCK (PASSENGER)	VEHICULAR: AUTO/TRUCK (PEDESTRIAN)	TOTAL
MIDDLESEX COUNTY	1	1	0	2	0	0	4
MONTGOMERY COUNTY	0	3	12	3	5	4	27
NELSON COUNTY	0	0	1	2	0	1	4
NEW KENT COUNTY	0	1	0	3	2	0	6
NEWPORT NEWS	4	8	10	6	5	3	36
NORFOLK	8	12	20	6	1	6	53
NORTHAMPTON COUNTY	1	0	0	1	0	0	2
NORTHUMBERLAND COUNTY	0	0	1	4	1	0	6
NORTON	0	1	2	0	0	0	3
NOTTOWAY COUNTY	1	0	0	4	2	0	7
ORANGE COUNTY	0	1	1	4	0	1	7
PAGE COUNTY	1	1	1	3	0	0	6
PATRICK COUNTY	0	0	1	6	2	0	9
PETERSBURG CITY	1	1	4	1	0	1	8
PITTSYLVANIA COUNTY	1	3	6	4	4	0	18
POQUOSON	0	0	1	0	0	0	1
PORTSMOUTH	2	6	10	0	0	1	19
POWHATAN COUNTY	0	0	1	4	0	1	6
PRINCE EDWARD COUNTY	0	1	0	7	5	0	13
PRINCE GEORGE COUNTY	0	0	2	4	1	0	7
PRINCE WILLIAM COUNTY	2	5	14	16	3	2	42
PULASKI COUNTY	1	1	12	3	0	0	17
RADFORD	0	0	4	0	0	0	4
RAPPAHANNOCK COUNTY	0	2	1	0	0	0	3
RICHMOND CITY	3	33	31	17	8	3	95
RICHMOND COUNTY	0	1	0	1	0	0	2
ROANOKE CITY	0	3	10	5	0	2	20
ROANOKE COUNTY	1	5	4	10	1	0	21
ROCKBRIDGE COUNTY	0	0	1	6	1	0	8
ROCKINGHAM COUNTY	0	2	1	9	5	0	17
RUSSELL COUNTY	0	0	9	5	0	1	15
SALEM	0	3	1	0	0	1	5
SCOTT COUNTY	0	1	0	0	0	1	2
SHENANDOAH COUNTY	0	2	2	3	1	1	9
SMYTH COUNTY	1	0	7	1	2	0	11
SOUTHAMPTON COUNTY	0	0	1	3	3	3	10
SPOTSYLVANIA COUNTY	0	4	1	14	2	1	22
STAFFORD COUNTY	1	8	1	1	1	0	12
STAUNTON CITY	0	0	1	1	0	0	2
SUFFOLK	0	1	5	5	2	2	15
SURRY COUNTY	1	0	1	4	0	0	6
SUSSEX COUNTY	0	0	0	4	4	0	8
TAZEWELL COUNTY	3	0	14	8	5	0	30
VIRGINIA BEACH	8	21	29	18	1	7	84
WARREN COUNTY	0	0	3	5	0	0	8
WASHINGTON COUNTY	3	2	11	4	2	1	23
WAYNESBORO	0	1	3	2	0	1	7

~continued

LOCALITY OF INJURY LEADING TO ACCIDENTAL DEATH	LEADING FATAL AGENCIES OF ACCIDENTAL DEATHS: DROWNING	FALL/ PUSH	POISONING: DRUGS, OTHER POISONS	VEHICULAR: AUTO/TRUCK (DRIVER)	VEHICULAR: AUTO/TRUCK (PASSENGER)	VEHICULAR: AUTO/TRUCK (PEDESTRIAN)	TOTAL
WAYNESBORO COUNTY	0	1	0	0	0	0	1
WESTMORELAND COUNTY	0	0	2	2	1	0	5
WILLIAMSBURG CITY	0	4	1	5	0	0	10
WINCHESTER CITY	0	1	5	7	0	0	13
WISE COUNTY	0	0	9	2	0	0	11
WYTHE COUNTY	0	1	0	4	1	1	7
YORK COUNTY	1	0	0	8	2	0	11
OUT OF STATE	2	8	3	11	5	0	29
UNKNOWN	0	5	5	7	1	0	18
Total	**89**	**352**	**471**	**588**	**195**	**102**	**1797**

Table 12. Accidental Deaths by Locality of Death by Year of Death, 1999-2005

Locality of Death	Year of Death: 1999	2000	2001	2002	2003	2004	2005	Total
Accomack	13	17	17	14	16	17	18	112
Albemarle	15	6	7	22	26	37	24	137
Alexandria	19	16	17	20	14	18	14	118
Alleghany	4	3	3	4	3	5	4	26
Amelia	4	5	3	5	2	4	7	30
Amherst	9	4	5	3	5	3	4	33
Appomattox	2	1	3	6	2	2	6	22
Arlington	28	35	34	44	31	21	15	208
Augusta	16	18	24	24	26	28	33	169
Bath	3	1	2	3	6	2	0	17
Bedford City	1	1	5	2	2	0	5	16
Bedford	15	9	16	16	14	18	19	107
Bland	2	1	8	4	2	2	3	22
Botetourt	9	7	9	8	6	10	3	52
Bristol	1	1	0	2	6	4	11	25
Brunswick	8	8	7	9	5	12	19	68
Buchanan	11	10	16	19	20	21	6	103
Buckingham	8	7	8	5	8	6	4	46
Buena Vista	0	0	0	1	0	1	13	15
Campbell	11	12	7	12	15	10	12	79
Caroline	9	12	8	16	6	12	8	71
Carroll	7	9	5	5	8	9	0	43
Charles City	2	2	2	6	4	2	0	18
Charlotte	10	4	5	3	4	4	8	38
Charlottesville	74	60	70	71	83	58	72	488
Chesapeake	26	24	30	44	38	37	32	231
Chesterfield	43	43	28	46	50	48	44	302
Clarke	1	2	3	2	6	3	7	24
Colonial Heights	0	3	1	0	1	1	2	8

~continued

Locality of Death	Year of Death							Total
	1999	2000	2001	2002	2003	2004	2005	
Covington	3	0	0	0	2	0	0	5
Craig	0	0	0	3	1	0	3	7
Culpepper	5	8	12	8	12	15	4	64
Cumberland	6	4	1	0	2	1	9	23
Danville	17	23	22	16	21	25	26	150
Dickenson	4	2	7	9	7	10	7	46
Dinwiddie	7	10	5	6	8	12	8	56
Emporia	8	4	4	7	8	12	5	48
Essex	6	5	10	6	8	11	5	51
Fairfax City	3	0	2	2	3	1	2	13
Fairfax	171	201	196	235	232	217	233	1485
Falls Church	0	1	1	0	0	0	0	2
Fauquier	24	11	17	11	21	22	23	129
Floyd	5	8	7	6	11	4	2	43
Fluvanna	2	4	2	2	11	3	6	30
Franklin City	0	0	1	0	1	0	2	4
Franklin	17	9	19	14	16	18	22	115
Frederick	0	2	2	6	15	17	13	55
Fredericksburg	20	27	18	26	39	29	33	192
Galax	5	5	8	6	3	2	8	37
Giles	6	5	6	4	12	6	7	46
Gloucester	8	7	12	4	11	7	12	61
Goochland	3	4	3	2	8	2	4	26
Grayson	6	7	2	3	4	8	6	36
Greene	6	3	2	5	3	8	9	36
Greensville	3	4	1	2	3	5	5	23
Halifax	22	16	16	18	16	26	16	130
Hampton	25	17	19	21	33	24	18	157
Hanover	20	27	13	16	25	35	24	160
Harrisonburg	14	19	6	11	10	12	14	86
Henrico	40	51	50	59	65	64	65	394
Henry	7	6	8	8	17	13	2	61
Highland	3	2	2	0	0	0	0	7
Hopewell	7	6	14	5	3	5	5	45
Isle of Wight	8	7	10	4	13	7	5	54
James City	4	7	4	7	11	10	6	49
King & Queen	2	2	0	3	3	3	4	17
King George	4	1	2	8	5	4	3	27
King William	2	4	5	14	3	2	4	34
Lancaster	11	8	5	9	4	3	3	43
Lee	8	14	13	6	23	17	20	101
Lexington	10	4	1	5	1	4	2	27
Loudoun	15	16	25	15	26	35	23	155
Louisa	7	11	8	12	7	14	10	69
Lunenburg	7	4	2	8	2	5	2	30
Lynchburg	39	42	39	40	45	50	36	291
Madison	2	2	2	4	5	5	3	23
Manassas	15	10	12	12	14	14	8	85
Martinsville	17	13	24	15	17	20	13	119

~continued

Locality of Death	Year of Death							Total
	1999	2000	2001	2002	2003	2004	2005	
Mathews	2	1	3	2	4	0	2	14
Mecklenburg	13	14	12	13	13	12	15	92
Middlesex	5	2	4	6	4	5	4	30
Montgomery	29	21	29	22	22	24	24	171
Nelson	5	5	5	9	7	4	4	39
New Kent	2	6	7	2	8	2	5	32
Newport News	56	56	52	52	56	54	52	378
Norfolk	114	127	144	138	105	129	129	886
Northampton	9	7	13	10	10	11	11	71
Northumberland	0	3	2	1	3	1	6	16
Norton	6	5	6	5	5	11	8	46
Nottoway	7	3	6	2	10	5	8	41
Orange	7	4	6	10	6	9	8	50
Page	3	10	10	7	7	5	6	48
Patrick	4	6	8	7	6	20	10	61
Petersburg	19	18	10	18	13	7	12	97
Pittsylvania	8	12	21	21	7	14	13	96
Poquoson	3	0	2	0	0	2	1	8
Portsmouth	24	23	24	24	27	34	24	180
Powhatan	0	2	5	3	8	2	6	26
Prince Edward	2	7	11	4	8	7	13	52
Prince George	3	9	7	8	5	10	6	48
Prince William	20	38	36	36	42	34	47	253
Pulaski	11	8	18	20	14	13	17	101
Radford	2	3	1	3	0	2	3	14
Rappahannock	1	0	1	1	3	3	5	14
Richmond City	166	200	188	179	225	203	170	1331
Richmond	3	1	1	2	1	1	2	11
Roanoke City	74	76	80	98	89	99	100	616
Roanoke	8	10	10	8	15	10	12	73
Rockbridge	6	11	2	9	12	13	8	61
Rockingham	10	9	11	13	19	20	15	97
Russell	9	11	29	12	29	25	19	134
Salem	3	10	6	8	10	6	8	51
Scott	3	10	9	12	9	12	6	61
Shenandoah	6	8	7	12	11	11	10	65
Smyth	9	10	9	10	11	12	10	71
Southampton	9	17	12	6	7	12	10	73
Spotsylvania	13	21	15	8	13	12	16	98
Stafford	7	7	12	4	12	8	5	55
Staunton	1	1	3	1	6	2	2	16
Suffolk	20	21	17	31	14	22	20	145
Surry	1	5	3	4	1	1	5	20
Sussex	9	3	7	9	6	3	9	46
Tazewell	8	9	15	19	20	26	37	134
Virginia Beach	57	70	73	67	72	76	93	508
Warren	7	11	5	9	16	19	10	77
Washington	19	21	9	17	25	26	26	143
Waynesboro	2	1	3	3	0	3	6	18
Westmoreland	5	1	9	6	5	3	5	34

~continued

	Year of Death							
Locality of Death	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**Total**
Williamsburg	2	10	16	13	7	9	12	69
Winchester	16	21	25	29	18	23	27	159
Wise	7	16	7	11	21	27	12	101
Wythe	6	15	12	20	6	15	8	82
York	2	8	12	2	11	5	11	51
Unknown	1	0	0	0	0	0	0	1
Out of State	1	1	2	0	2	2	2	10
TOTAL	**1820**	**1969**	**2035**	**2145**	**2305**	**2312**	**2248**	**14834**

SUICIDE DEATHS

In 2005, suicide deaths occurred most frequently in males (79.2%) and those aged 45-54 years (21.6%). Fifty-nine percent of suicides were committed using some type of a firearm.

- Among blacks and white, whites committed suicide at approximately twice the rate of blacks and three times the rate of Asians (13.3 per 100,000 for whites compared to 6.2 per 100,000 for blacks and 4.5 per 100,000 for Asians).
- Black females were 8.9 times less likely to commit suicide than white males.
- Fairfax continued to be the locality with the highest number or 9.4 percent of suicide deaths in 2005 and 8.8 percent of all suicide deaths since 1999.
- Bath County, Falls Church, and Lexington had the lowest total numbers of suicide deaths in Virginia.

Figure 20. Suicide Deaths by Gender by Age Group, 2005

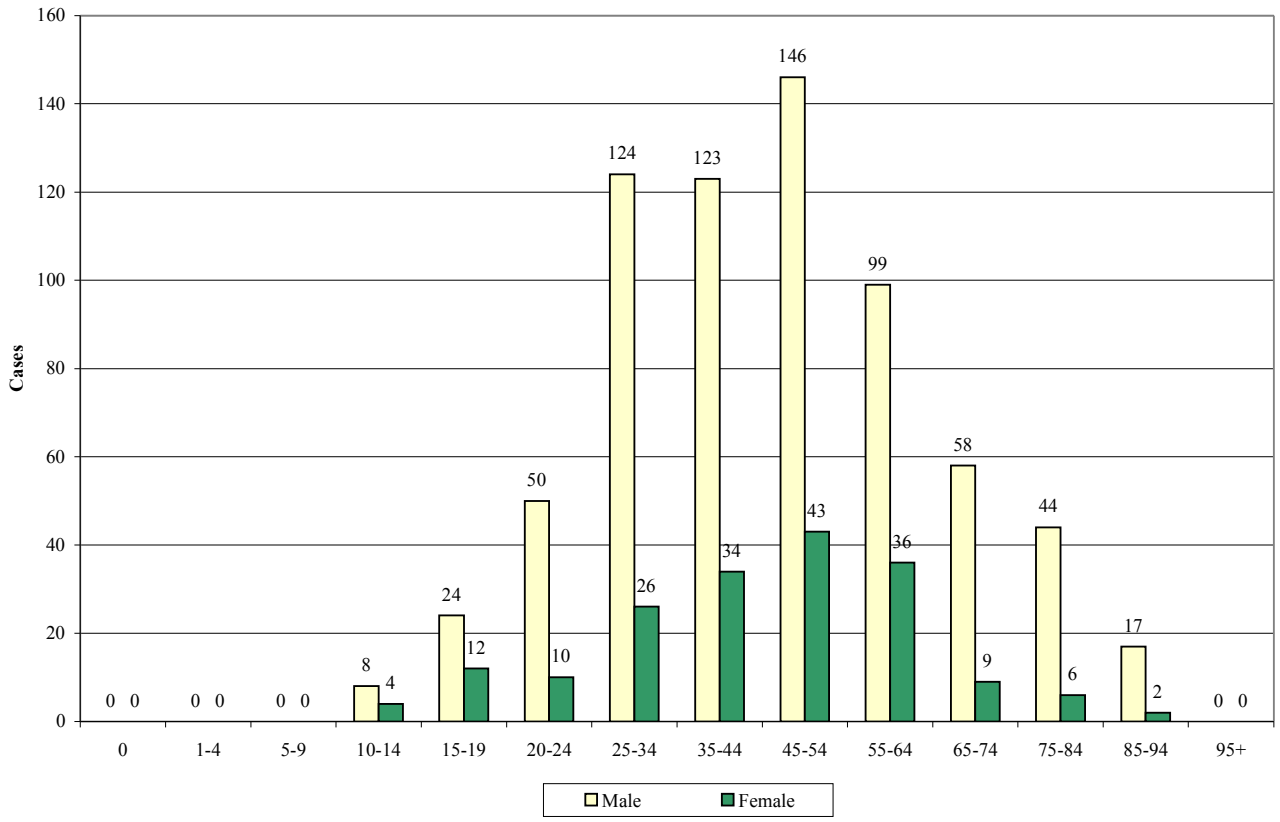


Figure 21. Suicide Deaths by Race/Ethnicity, 2005

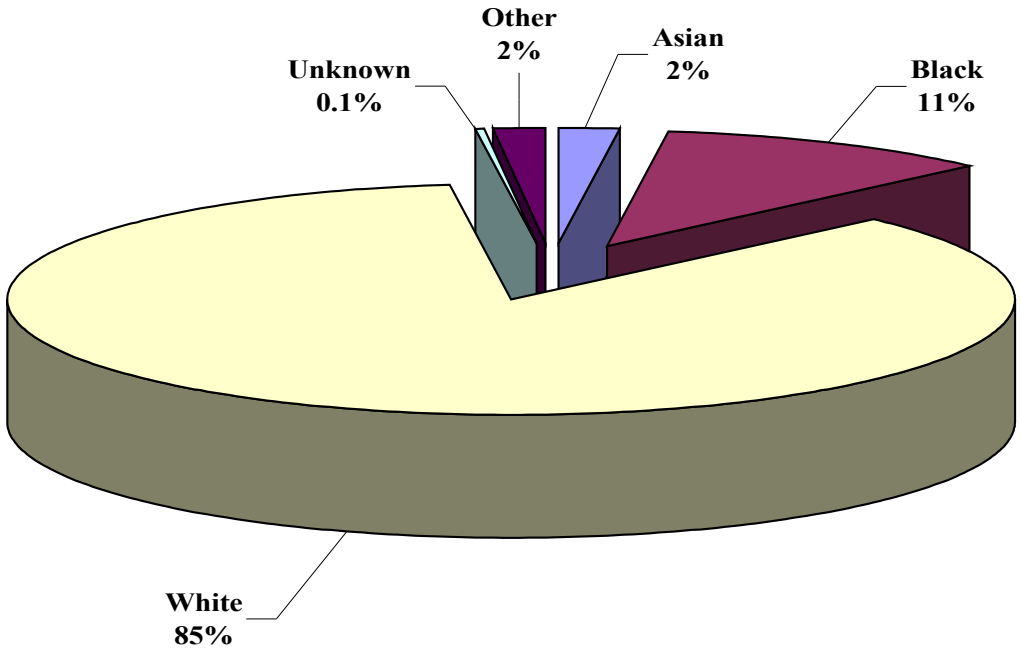


Figure 22. Suicide Deaths by Gender by Race/Ethnicity, 2005

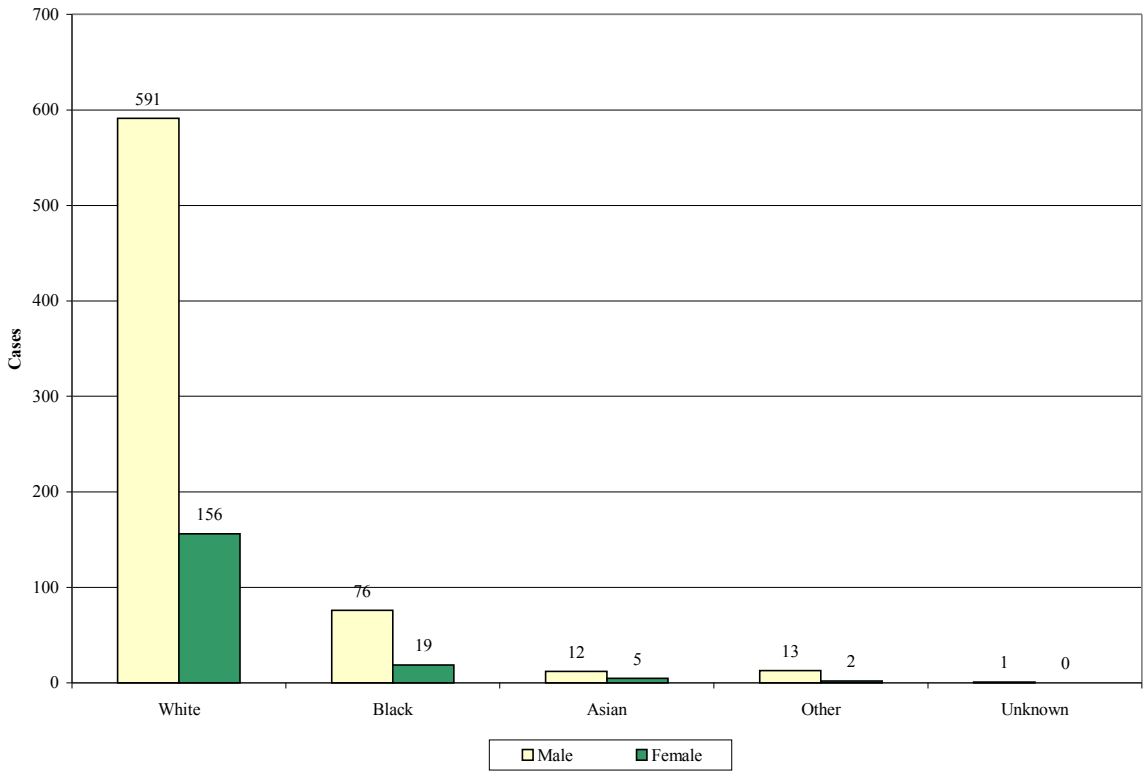


Figure 23. Suicide Deaths by Year of Death, 1999-2005

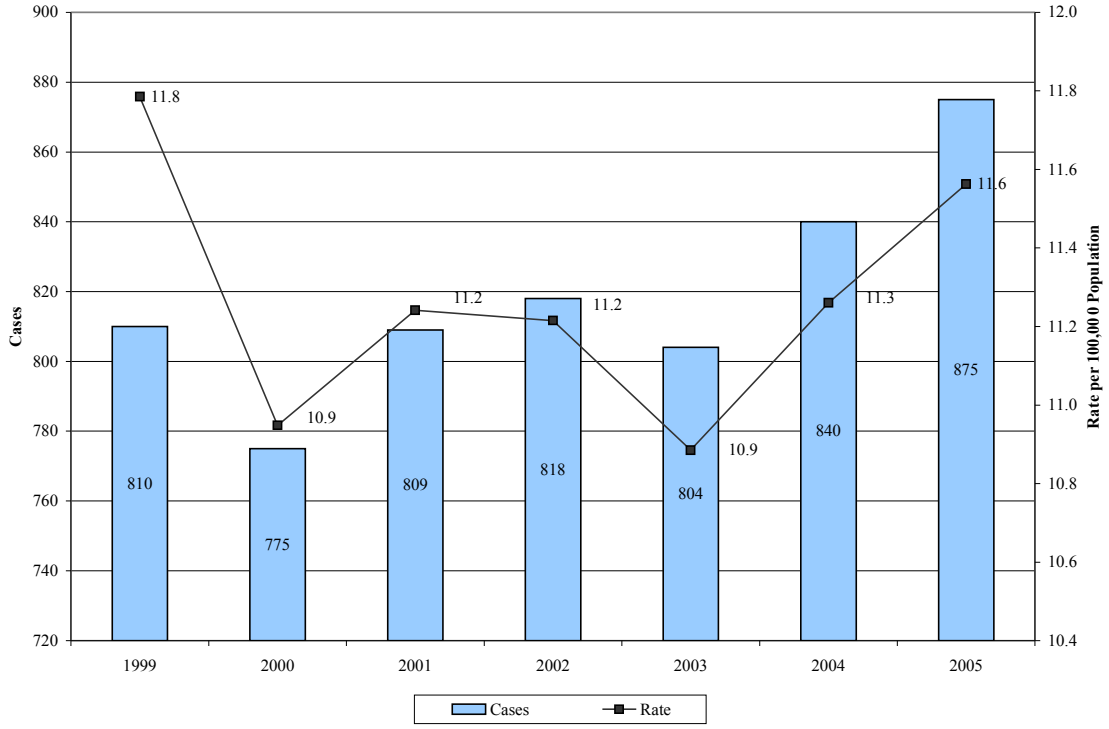


Table 13. Suicide Deaths by Fatal Agency, 2005

Fatal Agency	Total Cases	Autopsied
Asphyxia		
Drowned self	4	2
Hanged self	136	68
Suffocated self	12	6
Strangulation	11	7
Drug Use		
Ingested, injected or inhaled medication	111	90
Fall		
Jumped from height	21	12
Fire		
Burned self	3	2
Smoke inhalation (Carbon Monoxide)	2	1
Poisoned		
Carbon Monoxide (Inhaled motor vehicle exhaust)	20	7
Ingested alcohol	5	5
Traumatic Injury		
Cut/Stabbed self	17	13
Shot self with firearm	514	504
Handgun	(369)	(363)
Rifle	(53)	(51)
Shotgun	(86)	(84)
Other	(1)	(1)
Unspecified	(5)	(5)
Traumatic - Other	9	3
Vehicular		
Driver of auto/truck	8	5
Passenger of auto/truck	1	1
Pedestrian struck by motor vehicle	1	1
Total	**875**	**727**

Table 14. Suicide Deaths by Locality of Residence, 2005

Locality of Residence	Total	Rate*
Accomack	4	10.1
Albemarle	5	5.5
Alexandria	7	5.2
Alleghany	1	6.0
Amelia	2	16.3
Amherst	5	15.6
Appomattox	4	28.6
Arlington	24	12.2
Augusta	10	14.3
Bath	0	0.0
Bedford City	1	16.1
Bedford	7	10.7
Bland	0	0.0
Botetourt	6	18.7
Bristol	4	23.1
Brunswick	4	22.3
Buchanan	7	28.3
Buckingham	0	0.0
Buena Vista	2	31.1
Campbell	11	21.0
Caroline	2	7.8
Carroll	8	27.2
Charles City	0	0.0
Charlotte	0	0.0
Charlottesville	9	22.3
Chesapeake	14	6.4
Chesterfield	30	10.4
Clarke	2	14.1
Colonial Heights	3	17.1
Covington	1	16.1
Craig	2	38.8
Culpepper	5	11.8
Cumberland	0	0.0
Danville	7	15.2
Dickenson	2	12.3
Dinwiddie	7	27.6
Emporia	0	0.0
Essex	0	0.0
Fairfax City	0	0.0
Fairfax	73	7.3
Falls Church	1	9.3
Fauquier	9	13.8
Floyd	1	6.8
Fluvanna	3	12.1
Franklin	9	17.9
Frederick	6	8.7
Fredericksburg	2	9.6
Galax	1	15.0
Giles	1	5.8

Locality of Residence	Total	Rate*
Lee	4	16.9
Lexington	0	0.0
Loudoun	18	7.0
Louisa	4	13.3
Lunenburg	2	15.2
Lynchburg	4	6.0
Madison	2	14.9
Manassas	4	10.6
Martinsville	4	26.8
Mathews	4	43.5
Mecklenburg	7	21.5
Middlesex	3	28.6
Montgomery	7	8.3
Nelson	4	26.5
New Kent	5	31.0
Newport News	13	7.2
Norfolk	19	8.2
Northampton	1	7.4
Northumberland	3	23.3
Norton	0	0.0
Nottoway	0	0.0
Orange	6	19.8
Page	4	16.8
Patrick	3	15.6
Petersburg	1	3.1
Pittsylvania	12	19.4
Poquoson	1	8.5
Portsmouth	13	13.0
Powhatan	5	18.8
Prince Edward	3	14.7
Prince George	2	5.4
Prince William	36	10.3
Pulaski	7	20.0
Radford	5	34.3
Rappahannock	1	13.8
Richmond City	33	17.0
Richmond	3	32.9
Roanoke City	19	20.5
Roanoke	12	13.6
Rockbridge	1	4.7
Rockingham	5	7.0
Russell	5	17.3
Salem	2	8.1
Scott	2	8.7
Shenandoah	9	23.0
Smyth	7	21.4
Southampton	3	17.1
Spotsylvania	10	8.6
Stafford	12	10.2

~continued

Locality of Residence	Total	Rate*
Gloucester	9	23.8
Goochland	5	25.8
Grayson	5	30.6
Greene	1	5.7
Greensville	0	0.0
Halifax	3	8.3
Hampton	13	8.9
Hanover	12	12.3
Harrisonburg	4	9.9
Henrico	26	9.3
Henry	15	26.5
Highland	0	0.0
Hopewell	2	8.8
Isle of Wight	0	0.0
James City	1	1.7
King & Queen	1	14.7
King George	1	4.8
King William	2	13.6
Lancaster	3	25.9

Locality of Residence	Total	Rate*
Staunton	3	12.9
Suffolk	4	5.1
Surry	0	0.0
Sussex	0	0.0
Tazewell	11	24.6
Virginia Beach	31	7.1
Warren	7	19.7
Washington	7	13.4
Waynesboro	8	37.6
Westmoreland	5	29.0
Williamsburg	7	59.6
Winchester	3	11.9
Wise	8	19.0
Wythe	6	21.1
York	4	6.5
TOTAL FOR STATE	**839**	**11.1**
Out of State	36	ND**
TOTAL	**875**	**ND****

*- Rate per 100,000

**- ND- No Denominator

Table 15. Suicide Deaths by Locality of Death by Year of Death, 1999-2005

	Year of Death							
Locality of Death	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**Total**
Accomack	6	4	2	2	4	2	5	25
Albemarle	7	8	7	5	10	16	3	56
Alexandria	8	9	11	13	18	14	8	81
Alleghany	0	2	3	1	4	1	2	13
Amelia	0	0	1	2	2	3	2	10
Amherst	4	1	3	10	1	4	3	26
Appomattox	0	0	1	4	2	1	5	13
Arlington	9	14	10	22	15	14	27	111
Augusta	11	6	3	10	12	13	9	64
Bath	0	0	1	0	0	2	0	3
Bedford City	1	2	2	0	0	0	0	5
Bedford	9	11	10	4	7	5	8	54
Bland	3	0	1	0	3	2	0	9
Botetourt	5	4	4	4	2	2	7	28
Bristol	0	2	1	1	3	3	5	15
Brunswick	0	1	0	2	4	1	3	11
Buchanan	6	4	9	8	5	8	6	46
Buckingham	4	4	2	2	0	1	0	13
Buena Vista	0	2	0	1	0	2	1	6
Campbell	4	5	9	2	5	6	7	38
Caroline	5	3	1	2	5	1	2	19
Carroll	6	10	3	3	2	8	6	38
Charles City	1	1	0	1	1	1	0	5

~continued

Locality of Death	Year of Death 1999	2000	2001	2002	2003	2004	2005	Total
Charlotte	3	0	3	1	0	1	0	8
Charlottesville	10	13	16	7	8	13	16	83
Chesapeake	18	8	17	12	16	19	10	100
Chesterfield	28	22	25	26	29	27	26	183
Clarke	3	1	0	2	2	1	2	11
Colonial Heights	3	1	1	3	1	1	1	11
Covington	0	2	0	2	0	1	0	5
Craig	1	0	0	2	3	0	2	8
Culpepper	10	2	5	5	8	7	5	42
Cumberland	2	1	0	1	0	1	1	6
Danville	11	12	11	7	10	6	10	67
Dickenson	3	3	4	6	4	3	2	25
Dinwiddie	8	5	2	6	6	3	8	38
Emporia	2	0	0	1	1	1	0	5
Essex	1	1	1	4	3	2	0	12
Fairfax City	2	1	0	2	0	1	0	6
Fairfax	62	75	64	87	64	72	82	506
Falls Church	0	1	0	0	0	1	1	3
Fauquier	5	3	7	6	8	13	9	51
Floyd	1	0	1	2	0	3	1	8
Fluvanna	1	0	3	1	3	1	1	10
Franklin	5	6	9	9	8	9	7	53
Frederick	1	2	0	6	7	10	5	31
Fredericksburg	5	6	5	8	11	5	3	43
Galax	3	1	2	3	1	1	3	14
Giles	0	5	2	1	3	3	1	15
Gloucester	3	2	3	6	6	8	10	38
Goochland	2	1	2	2	2	1	4	14
Grayson	1	0	0	0	5	5	5	16
Greene	2	3	1	0	2	3	1	12
Greensville	2	6	2	2	2	0	0	14
Halifax	5	6	4	8	3	5	3	34
Hampton	12	10	12	10	11	13	10	78
Hanover	4	10	13	6	7	8	9	57
Harrisonburg	7	2	3	2	3	1	5	23
Henrico	32	26	37	19	35	21	23	193
Henry	6	8	5	5	4	8	11	47
Highland	1	0	0	1	0	2	1	5
Hopewell	4	3	5	3	2	1	2	20
Isle of Wight	2	7	3	4	4	5	1	26
James City	1	3	3	4	3	6	1	21
King & Queen	3	1	1	0	1	1	1	8
King George	4	3	2	2	1	2	1	15
King William	2	1	2	0	1	3	1	10
Lancaster	0	2	0	1	1	0	1	5
Lee	5	4	3	6	5	9	5	37
Lexington	1	1	0	0	0	0	1	3
Loudoun	13	6	17	10	17	17	17	97
Louisa	4	3	6	3	5	6	3	30
Lunenburg	2	0	0	3	2	3	2	12

~continued

Locality of Death	Year of Death 1999	2000	2001	2002	2003	2004	2005	Total
Lynchburg	8	10	5	12	10	6	9	60
Madison	1	4	2	1	1	1	2	12
Manassas	7	4	3	3	3	1	4	25
Martinsville	4	5	9	6	9	6	6	45
Mathews	1	3	0	2	0	0	3	9
Mecklenburg	4	3	6	4	6	9	9	41
Middlesex	1	0	2	2	1	2	3	11
Montgomery	13	3	10	8	4	10	9	57
Nelson	7	3	2	2	5	2	4	25
New Kent	3	4	2	4	1	4	2	20
Newport News	15	24	23	16	16	18	13	125
Norfolk	28	28	43	32	31	32	31	225
Northampton	1	4	0	4	1	4	1	15
Northumberland	1	0	1	2	1	1	3	9
Norton	2	5	5	0	2	3	0	17
Nottoway	2	1	0	4	1	4	0	12
Orange	4	3	1	3	3	0	6	20
Page	1	2	3	3	5	0	5	19
Patrick	5	3	1	6	4	6	5	30
Petersburg	4	4	4	3	3	5	4	27
Pittsylvania	9	9	9	15	8	5	9	64
Poquoson	2	0	1	1	1	0	1	6
Portsmouth	13	6	14	10	10	10	12	75
Powhatan	1	2	5	6	1	4	5	24
Prince Edward	4	2	1	1	1	2	3	14
Prince George	4	3	0	6	3	6	1	23
Prince William	26	25	21	15	20	17	35	159
Pulaski	4	4	7	11	7	7	7	47
Radford	3	3	1	2	0	2	4	15
Rappahannock	0	1	0	2	1	1	1	6
Richmond City	42	21	45	44	27	27	50	256
Richmond	1	1	4	0	3	1	4	14
Roanoke City	22	28	18	21	19	17	24	149
Roanoke	6	12	10	15	10	9	13	75
Rockbridge	4	3	2	2	2	5	1	19
Rockingham	2	5	12	5	4	6	6	40
Russell	6	9	9	6	2	9	6	47
Salem	3	4	1	2	8	6	3	27
Scott	7	9	4	3	3	3	3	32
Shenandoah	5	8	5	5	8	6	10	47
Smyth	6	4	3	3	2	5	7	30
Southampton	3	4	3	3	2	2	2	19
Spotsylvania	5	5	9	11	9	8	6	53
Stafford	12	5	5	8	7	9	11	57
Staunton	2	3	3	4	3	3	3	21
Suffolk	0	9	7	4	8	8	6	42
Surry	1	1	1	1	1	0	0	5
Sussex	3	1	4	2	3	1	0	14
Tazewell	15	9	7	5	9	6	12	63
Virginia Beach	44	42	37	35	43	48	30	279

~continued

Locality of Death	Year of Death							
	1999	2000	2001	2002	2003	2004	2005	Total
Warren	5	6	6	4	1	14	7	43
Washington	8	16	12	6	7	8	8	65
Waynesboro	3	3	2	4	1	4	7	24
Westmoreland	1	4	2	2	2	1	4	16
Williamsburg	3	2	2	2	5	4	8	26
Winchester	12	8	5	10	9	6	4	54
Wise	7	3	8	9	7	2	8	44
Wythe	4	3	8	7	5	5	7	39
York	5	4	3	1	7	3	4	27
Out of State	0	3	5	2	5	3	1	19
TOTAL	**810**	**775**	**809**	**818**	**804**	**840**	**875**	**5731**

HOMICIDE DEATHS

The number of homicides in Virginia increased 16.1 percent from 2004 to 2005. Homicide deaths occurred most frequently in males (78.9%), blacks (58.4%), and those aged 25-34 years (24.9%).

- Seventy-two percent of homicides were committed using a firearm, with handguns the most common type of firearm used in 56.2 percent of all homicide cases.
- Richmond City continues to be the locality with the highest number or 21.1 percent of all homicide deaths in 2005, followed by Norfolk (16.5%) and Fairfax County (6.8%).
- Fifty of 125 Virginian localities, or 40.0 percent, experienced no homicides at all in 2005.

Figure 24. Homicide Deaths by Gender by Age Group, 2005

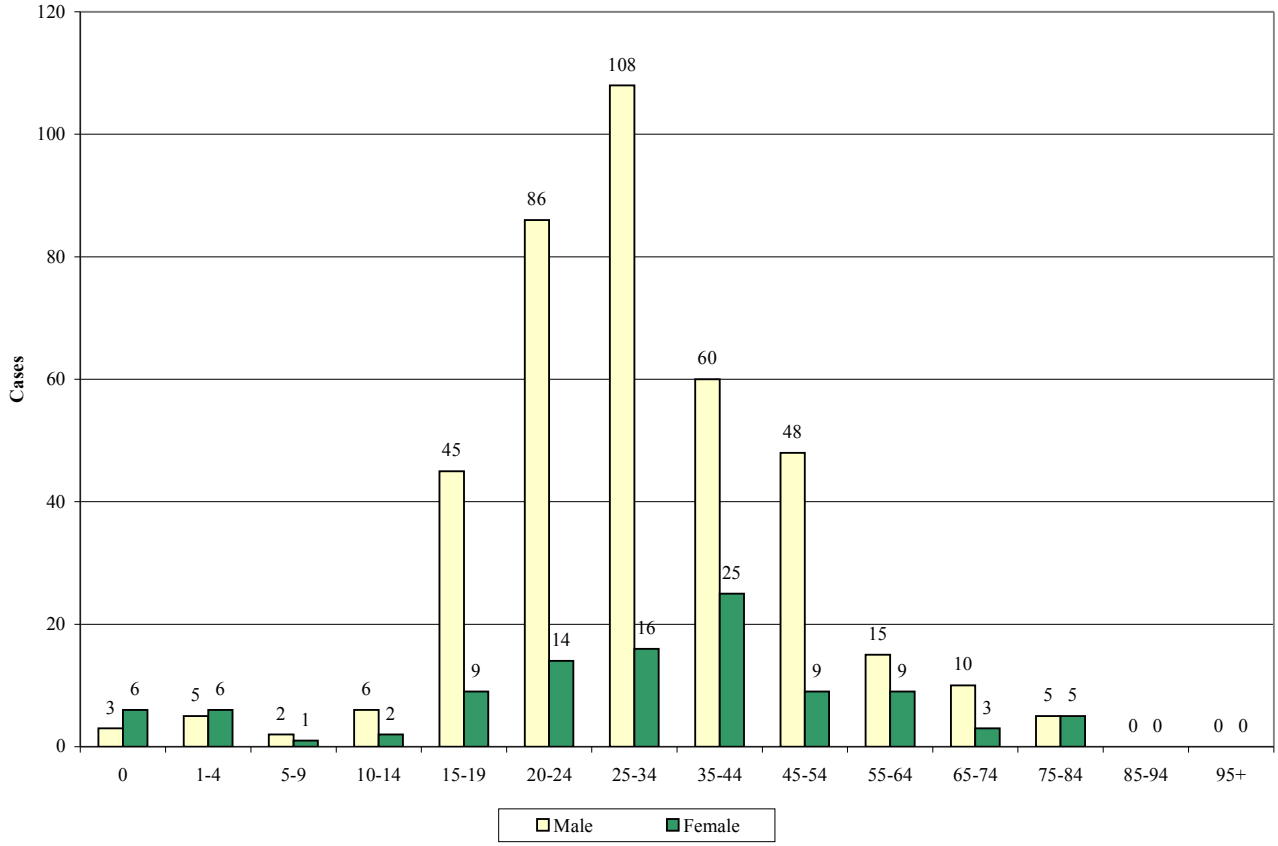


Figure 25. Homicide Deaths by Race/Ethnicity, 2005

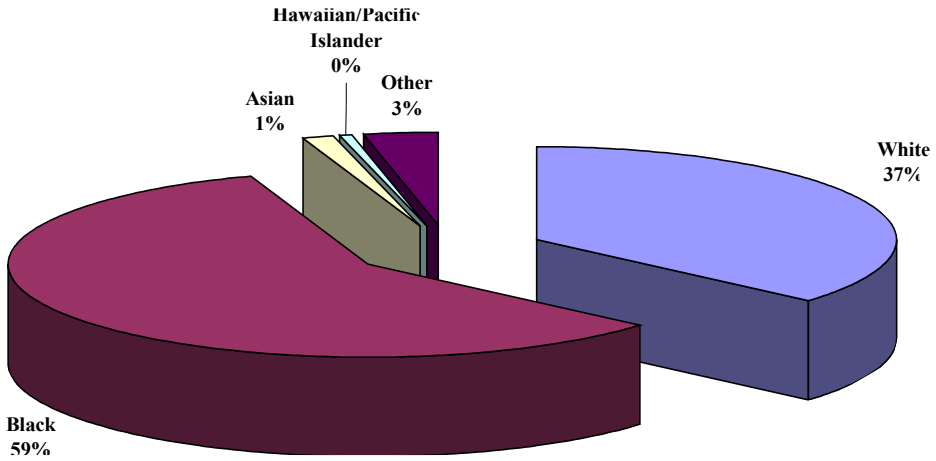


Figure 26. Homicide Deaths by Year of Death, 1999-2005

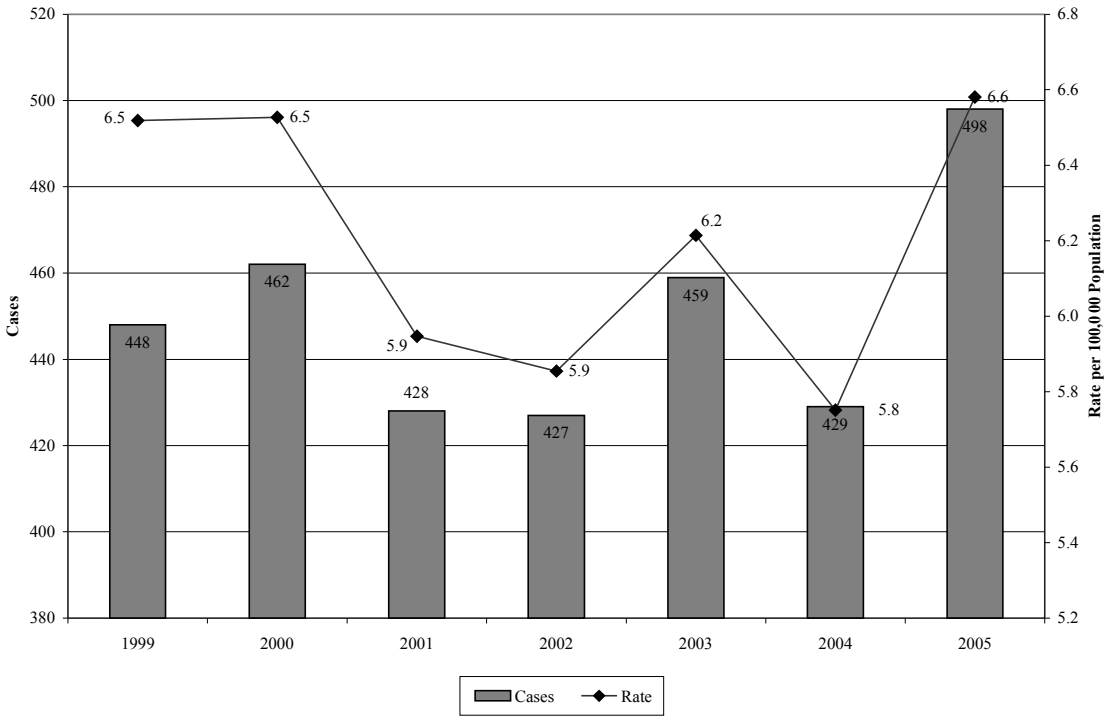


Table 16. Homicide Deaths by Fatal Agency, 2005

Fatal Agency	Total Case	Autopsied
Asphyxia		
Drowning	3	3
Strangled by assailant(s)	15	15
Fire		
Victim of intentionally set fire	1	1
Traumatic Injury		
Abused/Battered child	8	8
Beaten by assailant(s)	31	31
Fall/Push	2	2
Hanging	3	2
Shot by assailant(s) with firearm	357	351
Handgun	(280)	(275)
Rifle	(11)	(11)
Shotgun	(19)	(18)
Other	(2)	(2)
Unspecified	(46)	(45)
Stabbed by assailant(s)	59	59
Traumatic - Other	9	8
Vehicular		
Struck with auto by assailant(s)	4	4
Unknown		
Homicide - Other	5	5
Total	**498**	**489**

Figure 27. Homicide Deaths by Leading Methods of Death, 2005

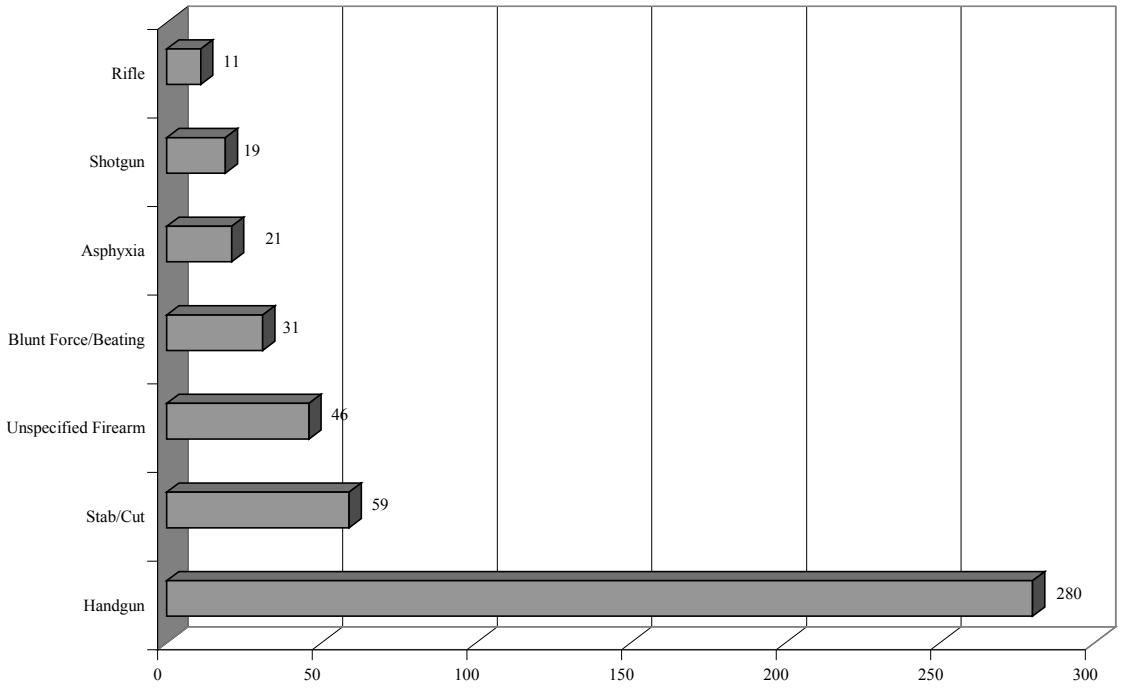


Table 17. Homicide Deaths by Locality of Residence, 2005

Locality of Death	Total	Rate*	Locality of Death	Total	Rate*
Accomack	0	0.0	Lancaster	0	0.0
Albemarle	2	2.2	Lee	1	4.2
Alexandria	6	4.4	Loudoun	8	3.1
Alleghany	0	0.0	Louisa	0	0.0
Amelia	0	0.0	Lunenburg	1	7.6
Amherst	0	0.0	Lynchburg	4	6.0
Appomattox	2	14.3	Madison	0	0.0
Arlington	2	1.0	Manassas	3	8.0
Augusta	5	7.2	Martinsville	1	6.7
Bath	0	0.0	Mathews	0	0.0
Bedford City	0	0.0	Mecklenburg	2	6.1
Bedford	0	0.0	Middlesex	0	0.0
Bland	0	0.0	Montgomery	2	2.4
Botetourt	2	6.2	Nelson	1	6.6
Bristol	2	11.5	New Kent	1	6.2
Brunswick	2	11.2	Newport News	17	9.4
Buchanan	2	8.1	Norfolk	55	23.7
Buckingham	0	0.0	Northampton	1	7.4
Buena Vista	0	0.0	Northumberland	1	7.8
Campbell	1	1.9	Norton	0	0.0
Caroline	1	3.9	Nottoway	2	12.9
Carroll	1	3.4	Orange	3	9.9
Charles City	1	14.0	Page	1	4.2
Charlotte	1	8.1	Patrick	1	5.2
Charlottesville	2	4.9	Petersburg	7	21.5
Chesapeake	16	7.3	Pittsylvania	4	6.5
Chesterfield	19	6.6	Portsmouth	23	23.0
Clarke	0	0.0	Powhatan	0	0.0
Colonial Heights	1	5.7	Prince Edward	2	9.8
Covington	0	0.0	Prince George	1	2.7
Craig	1	19.4	Prince William	11	3.2
Culpepper	1	2.4	Pulaski	0	0.0
Cumberland	1	10.7	Radford	0	0.0
Danville	7	15.2	Rappahannock	0	0.0
Dickenson	2	12.3	Richmond City	82	42.3
Dinwiddie	2	7.9	Richmond	1	11.0
Emporia	2	35.8	Roanoke City	15	16.2
Essex	0	0.0	Roanoke	2	2.3
Fairfax City	0	0.0	Rockbridge	1	4.7
Fairfax	24	2.4	Rockingham	1	1.4
Falls Church	0	0.0	Russell	1	3.5
Fauquier	1	1.5	Salem	0	0.0
Floyd	0	0.0	Scott	0	0.0
Fluvanna	1	4.0	Shenandoah	0	0.0
Franklin	0	0.0	Smyth	7	21.4
Frederick	0	0.0	Southampton	0	0.0
Fredericksburg	1	4.8	Spotsylvania	1	0.9
Galax	0	0.0	Stafford	3	2.5
Giles	0	0.0	Staunton	1	4.3

Locality of Death	Total	Rate*
Gloucester	0	0.0
Goochland	0	0.0
Grayson	2	12.2
Greene	1	5.7
Greensville	0	0.0
Halifax	1	2.8
Hampton	12	8.2
Hanover	2	2.1
Harrisonburg	1	2.5
Henrico	18	6.4
Henry	6	10.6
Highland	0	0.0
Hopewell	1	4.4
Isle of Wight	0	0.0
James City	2	3.5
King & Queen	1	14.7
King George	0	0.0
King William	1	6.8
Suffolk	10	12.7
Surry	2	28.5
Sussex	0	0.0
Tazewell	1	2.2
Virginia Beach	25	5.7
Warren	0	0.0
Washington	1	1.9
Waynesboro	0	0.0
Westmoreland	1	5.8
Williamsburg	3	25.5
Winchester	1	4.0
Wise	3	7.1
Wythe	0	0.0
York	1	1.6
SUBTOTAL FOR STATE	**475**	**6.3**
Unknown	1	ND**
Out of State	22	ND
Total	**498**	**ND**

*- Rate per 100,000

**- ND- No Denominator

Table 18. Homicide Deaths by Locality of Death by Year of Death, 1999-2005

	Year of Death							
Locality of Death	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**Total**
Accomack	2	1	1	0	1	1	0	6
Albemarle	5	1	3	2	3	2	0	16
Alexandria	2	2	5	0	5	2	5	21
Alleghany	0	0	0	2	0	2	1	5
Amelia	0	1	0	0	1	0	1	3
Amherst	1	3	0	1	1	1	0	7
Appomattox	1	0	0	1	0	0	1	3
Arlington	3	10	2	5	3	2	3	28
Augusta	1	3	1	3	4	7	6	25
Bedford	2	1	1	2	0	0	0	6
Bland	0	1	0	0	0	0	0	1
Botetourt	0	2	0	0	1	0	0	3
Bristol	1	1	2	0	0	0	0	4
Brunswick	1	1	0	2	2	2	1	9
Buchanan	1	2	1	4	2	2	2	14
Buckingham	0	0	0	0	2	0	1	3
Campbell	2	1	0	0	0	2	0	5
Caroline	0	0	1	0	0	1	0	2
Carroll	1	2	0	1	1	0	1	6
Charles City	0	1	0	0	0	0	1	2
Charlotte	2	0	0	2	1	0	0	5
Charlottesville	6	7	7	5	4	7	6	42
Chesapeake	6	9	8	5	4	8	9	49
Chesterfield	8	6	6	5	7	8	8	48
Clarke	2	0	0	1	1	1	0	5

~continued

	Year of Death							
Locality of Death	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**Total**
Colonial Heights	1	0	0	0	0	4	0	5
Covington	0	0	0	1	0	0	0	1
Craig	0	0	0	1	0	0	1	2
Culpepper	0	1	3	1	2	0	1	8
Cumberland	0	2	0	0	0	0	1	3
Danville	9	10	6	8	5	5	8	51
Dickenson	0	1	0	2	0	3	3	9
Dinwiddie	1	1	2	2	2	3	2	13
Emporia	0	2	2	0	0	1	1	6
Essex	0	1	3	1	0	1	0	6
Fairfax City	0	0	0	1	0	0	0	1
Fairfax	26	21	23	19	15	16	34	154
Falls Church	1	0	0	0	0	0	0	1
Fauquier	3	0	3	1	2	0	1	10
Floyd	0	1	2	0	0	0	0	3
Fluvanna	0	1	0	0	0	0	0	1
Franklin	2	2	2	2	3	2	0	13
Frederick	0	0	0	2	1	2	0	5
Fredericksburg	4	4	3	1	0	2	1	15
Galax	4	1	2	0	0	0	0	7
Giles	0	0	0	1	0	1	0	2
Gloucester	1	2	1	3	2	1	0	10
Goochland	0	0	2	0	2	1	0	5
Grayson	0	0	2	1	0	1	3	7
Greene	0	0	0	0	4	1	1	6
Greensville	15	9	3	6	2	4	1	40
Halifax	2	4	3	8	4	2	1	24
Hampton	14	8	10	7	12	10	10	71
Hanover	2	3	1	4	2	3	1	16
Harrisonburg	1	4	1	0	0	1	1	8
Henrico	12	8	8	7	19	20	12	86
Henry	3	2	1	6	2	3	3	20
Highland	0	0	0	0	1	1	0	2
Hopewell	5	1	1	3	2	1	1	14
Isle of Wight	1	1	1	0	0	2	0	5
James City	0	1	3	0	0	0	1	5
King & Queen	0	0	3	0	2	0	1	6
King George	1	1	1	0	0	1	0	4
King William	1	0	0	1	1	0	1	4
Lancaster	0	0	3	0	0	0	0	3
Lee	1	2	2	1	2	2	1	11
Loudoun	1	1	6	3	1	2	4	18
Louisa	0	3	1	1	1	0	0	6
Lunenburg	0	0	0	1	0	0	0	1
Lynchburg	6	6	5	12	7	5	7	48
Madison	0	0	0	1	0	0	0	1
Manassas	2	2	0	1	5	3	2	15
Martinsville	6	11	8	3	1	1	3	33
Mathews	0	0	0	0	0	0	1	1
Mecklenburg	3	2	2	3	1	1	4	16
Montgomery	0	1	0	1	1	1	1	5
Nelson	0	1	2	0	0	1	1	5
New Kent	2	1	0	2	0	0	0	5
Newport News	20	23	34	23	29	21	22	172

~continued

	Year of Death							
Locality of Death	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**Total**
Norfolk	61	61	51	54	59	52	82	420
Northampton	1	3	1	0	1	3	1	10
Northumberland	0	0	1	0	0	0	1	2
Norton	1	1	0	0	0	0	0	2
Nottoway	1	1	1	1	0	0	2	6
Orange	0	1	1	1	0	1	3	7
Page	1	0	0	0	0	0	0	1
Patrick	0	1	1	0	0	2	2	6
Petersburg	8	9	5	7	7	5	10	51
Pittsylvania	0	3	5	7	2	2	3	22
Portsmouth	12	16	11	8	11	7	17	82
Powhatan	0	1	1	1	0	0	0	3
Prince Edward	0	1	3	1	0	1	3	9
Prince George	1	1	1	1	1	1	0	6
Prince William	11	5	8	4	8	6	10	52
Pulaski	2	2	2	1	0	0	0	7
Radford	0	1	0	0	0	0	0	1
Rappahannock	1	0	0	0	1	0	0	2
Richmond City	92	95	83	102	115	108	105	700
Richmond	1	0	0	0	0	0	1	2
Roanoke City	13	14	18	20	22	13	18	118
Roanoke	0	1	0	2	1	1	2	7
Rockbridge	0	0	0	0	3	0	1	4
Rockingham	1	0	1	1	0	1	0	4
Russell	0	4	0	2	1	0	0	7
Salem	0	0	1	0	0	0	0	1
Scott	0	0	0	1	1	0	0	2
Shenandoah	0	1	0	0	3	1	0	5
Smyth	0	0	0	3	0	0	6	9
Southampton	4	1	1	0	2	2	1	11
Spotsylvania	1	1	0	3	4	2	0	11
Stafford	0	2	1	1	4	4	2	14
Staunton	0	0	1	0	1	0	0	2
Suffolk	5	3	6	4	2	5	8	33
Surry	1	1	0	1	0	1	1	5
Sussex	2	2	3	0	0	2	0	9
Tazewell	0	3	1	2	2	1	1	10
Virginia Beach	12	7	11	5	23	18	21	97
Warren	0	1	0	1	0	1	0	3
Washington	2	3	3	2	2	3	2	17
Waynesboro	1	2	0	0	0	0	0	3
Westmoreland	3	2	0	0	0	3	1	9
Williamsburg	0	0	1	2	2	0	3	8
Winchester	6	3	2	5	2	0	1	19
Wise	1	1	2	2	1	1	3	11
Wythe	2	2	2	0	0	1	0	7
York	1	2	1	0	0	1	1	6
Out of State	3	4	5	0	2	3	4	21
Total	**448**	**462**	**428**	**427**	**459**	**429**	**498**	**3151**

UNDETERMINED DEATHS

Cause of death was not able to be determined in 51.9 percent of deaths with an undetermined manner.

- For deaths where manner of death was undetermined but the cause of death was determined, drug use was the most frequently associated cause (14.8%) followed closely by gunshot wound (11.1%).

Figure 28. Undetermined Deaths by Gender by Age Group, 2005

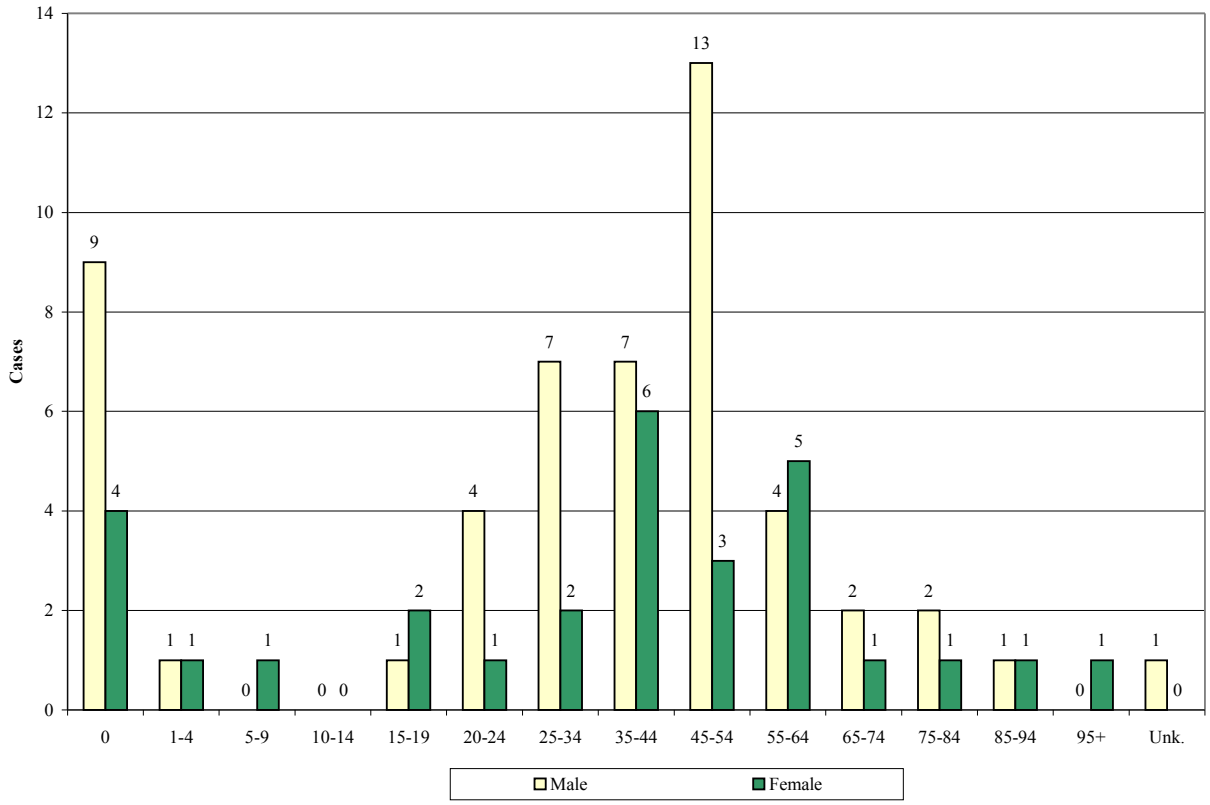


Figure 29. Undetermined Deaths by Race/Ethnicity, 2005

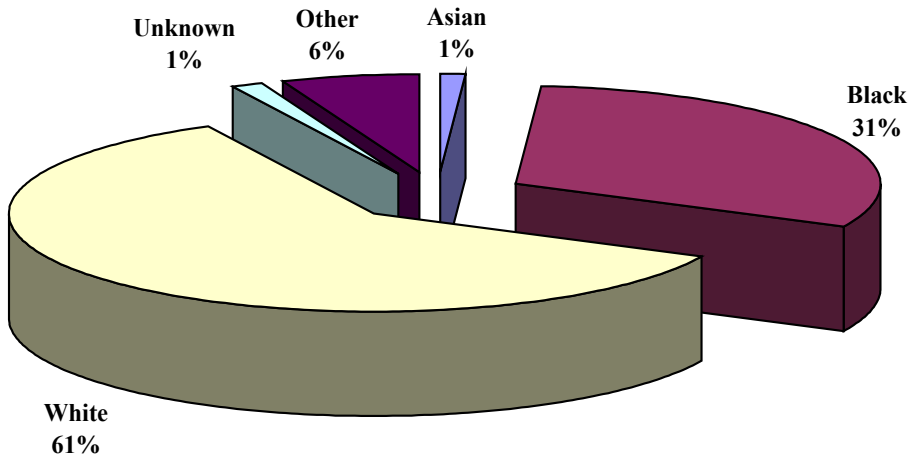


Figure 30. Undetermined Deaths by Year of Death, 1999-2005

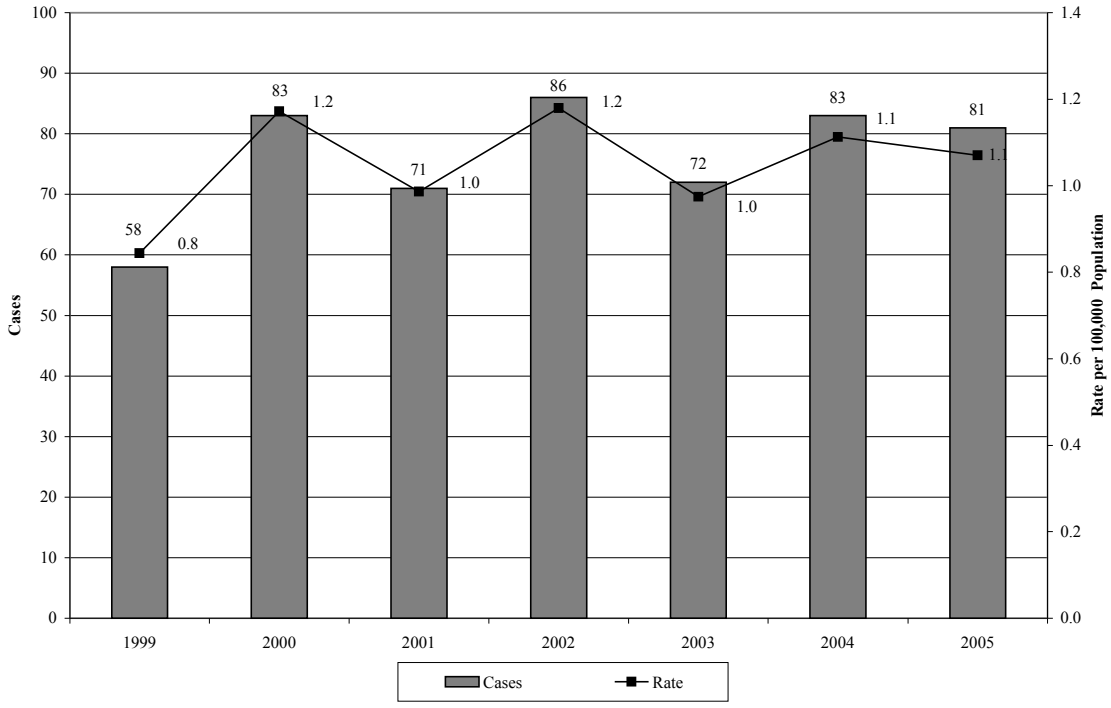


Figure 31. Undetermined Deaths by Method of Death, 2005

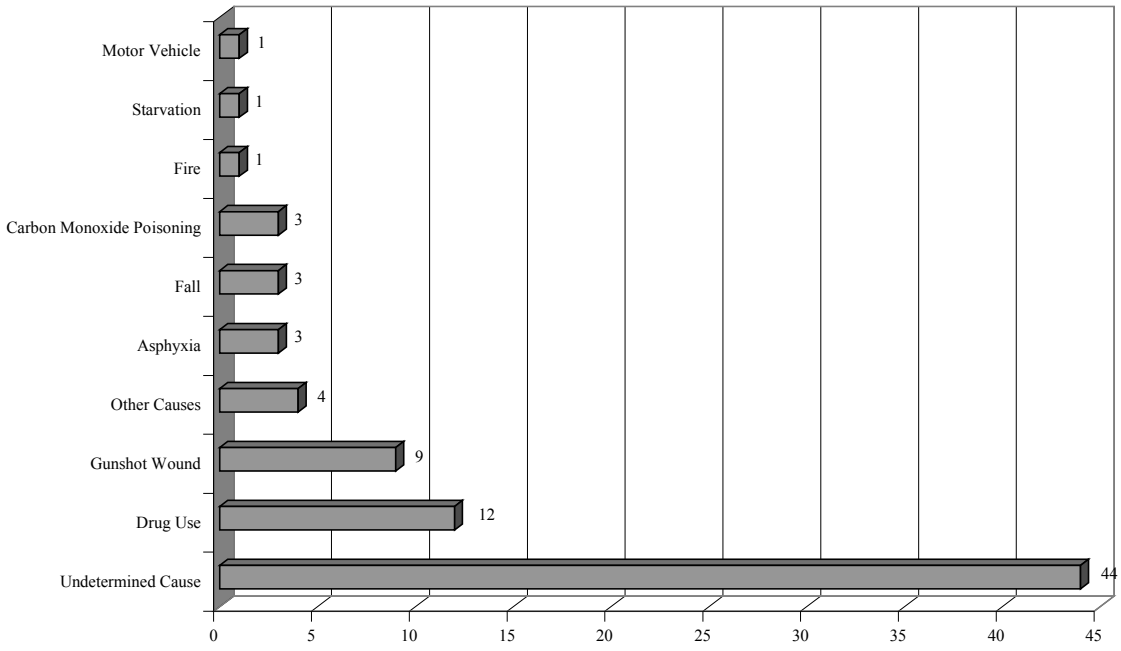


Table 19. Undetermined Deaths by Fatal Agency, 2005

	Total Cases	Autopsied
Undetermined Manner & Cause of Death		
Undetermined after autopsy and/or toxicology	42	39
Undetermined Manner but Cause of Death Determined		
Asphyxia		
Drowning	3	3
Drug Use		
Ingested/Injected medication	12	12
Exposure		
Starvation	1	1
Fall		
Fall from height/same height	3	3
Fire		
Explosion/Victim of fire	3	3
Poisoned		
Inhaled toxic agent	1	1
Traumatic Injury		
Beating/Blows/Blunt instrument	3	3
Gunshot wound	9	9
Other traumatic causes	3	3
Vehicular		
Driver/Passenger/Pedestrian	1	1
Determined Manner but Cause of Death Undetermined		
Undetermined after autopsy and/or toxicology	0	0
Total	**81**	**78**

SECTION 4: DEATHS OF CHILDREN (17 Years of Age and Younger)

The 426 deaths of children 17 years of age and younger represented 7.2 percent of all deaths investigated by the OCME in 2005, and an increase of 1.2 percent from the number of childhood deaths in 2004.

- Male decedents comprised 61.0 percent of the total deaths in children.
- The <1 year old age group had the largest percentage of deaths (39.7%) among children 17 years of age and younger.
- The leading causes of death in children were Sudden Infant Death Syndrome (SIDS) and head and neck injuries, which represented 54.9 percent of natural deaths and 25.4 percent of unnatural deaths, respectively, in children.
- Blacks accounted for 61.2 percent of homicides in children, representing a rate of 6.8 in 100,000 black children compared to 1.4 in 100,000 white children.

The State Child Fatality Review Team is an additional resource for comprehensive information on child death in Virginia. The Team's purpose is to systematically analyze deaths among Virginia's children to make recommendations for the prevention of these deaths. Chaired by the Chief Medical Examiner, the Team is a multi-disciplinary group including representatives from law enforcement, fire, social services departments, state medical associations, and other local and state agencies. Reviewed deaths may include violent and unnatural child deaths, sudden child deaths in the first 18 months of life, and deaths where the cause and manner was not determined with reasonable medical certainty. The Team's reviews are governed by the principles and practices of public health. Published reports are available at the following website: http://www.vdh.state.va.us/medExam/childfatality.htm.

Figure 32. Deaths of Children, 17 Years and Younger, by Manner of Death, 2005

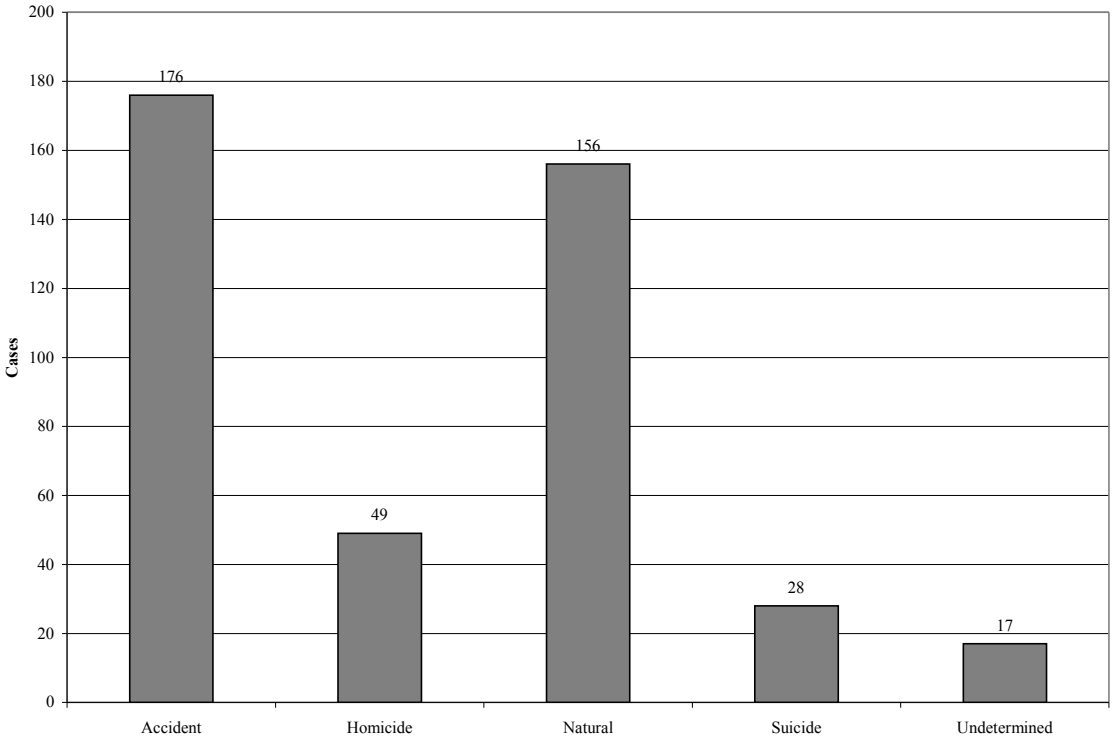


Figure 33. Deaths of Children, 17 Years and Younger, by Gender by Age, 2005

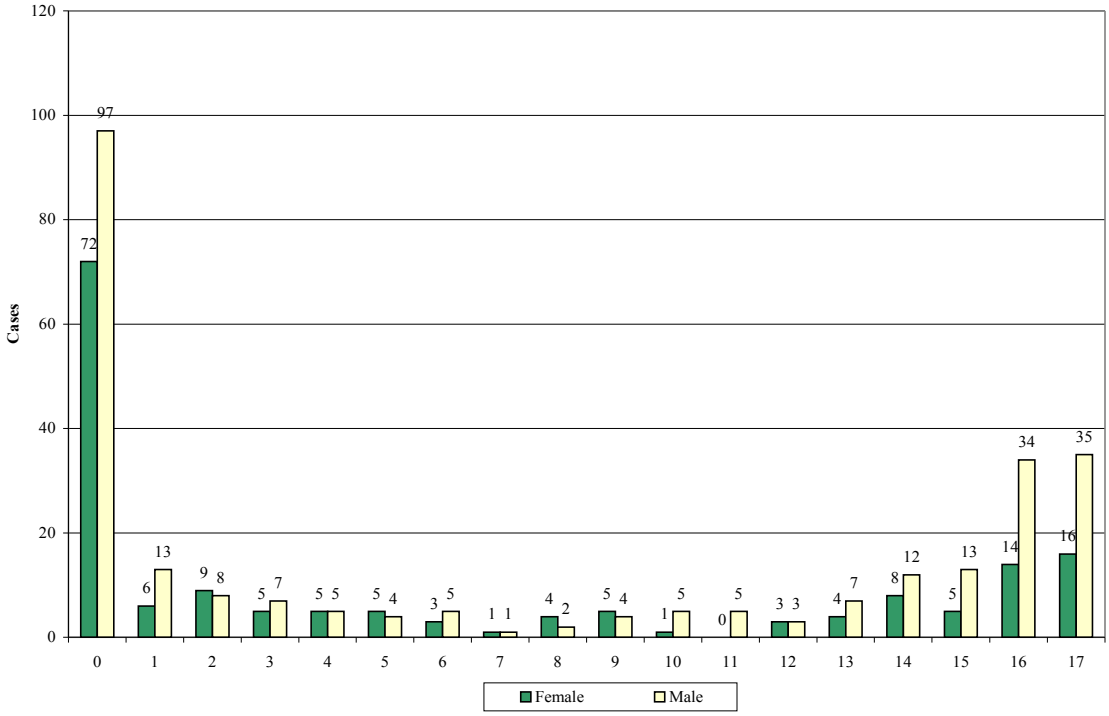


Figure 34. Deaths of Children, 17 Years and Younger, by Manner by Race/Ethnicity, 2005

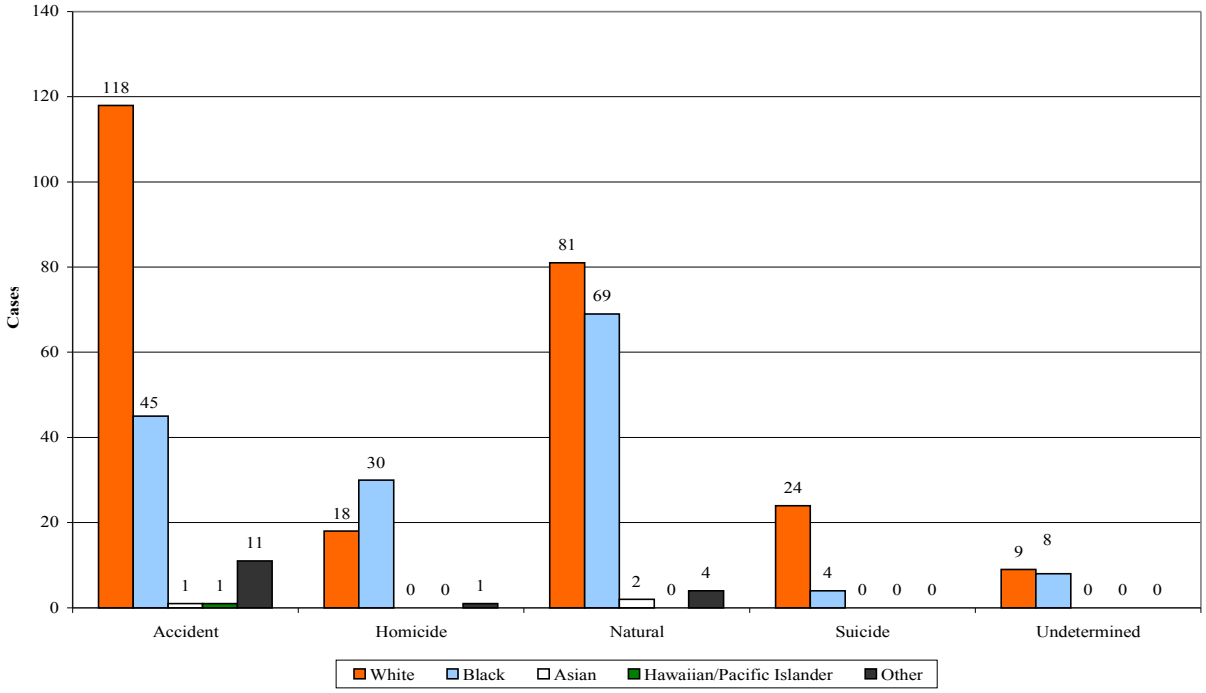


Figure 35. Proportion of Deaths of Children, 17 Years and Younger, by Race/Ethnicity, 2005

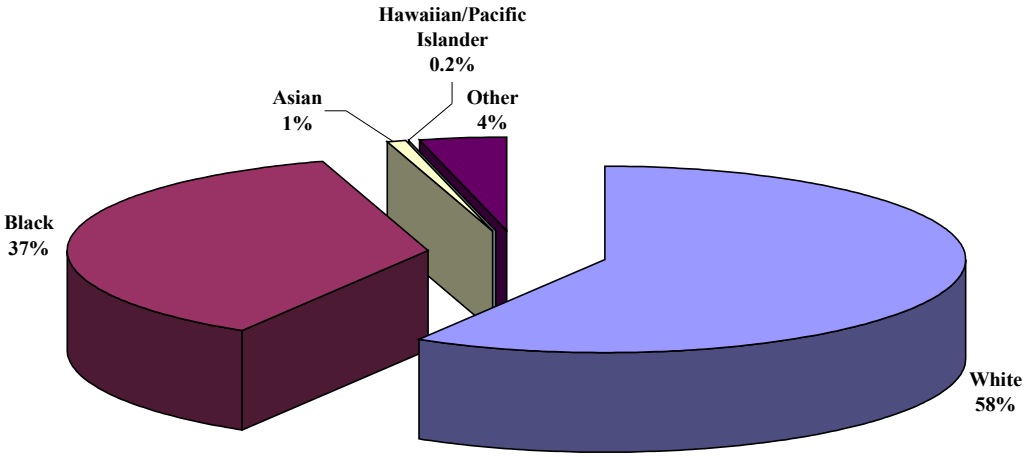


Table 20. Deaths of Children, 17 Years and Younger, by Cause of Death, 2005

Natural Deaths	Total Cases	Autopsied
Acute Viral Syndrome	8	8
Asthma	1	0
Cerebral Palsy	3	3
Congenital Defect	3	1
Dehydration	1	1
Diabetes	1	1
Emboli	1	0
Epilepsy	2	2
Heart Disease	15	13
History of Illness or Injury	2	2
Maternal and Fetal Complications	5	5
Meningitis	2	2
Metabolic Disorders	1	1
Natural - Other	5	4
Pneumonia	13	13
Prematurity	5	5
Renal Failure	1	0
Sepsis	5	4
Sudden Infant Death Syndrome	90	90
Subtotal	**164**	**155**
Unnatural Deaths		
Asphyxia	19	16
Carbon Monoxide Poisoning	12	8
Child Abuse	6	6
Drowning	24	16
Exsanguination	1	1
Gunshot Wound	37	37
Handgun	(30)	(30)
Rifle	(4)	(4)
Shotgun	(1)	(1)
Unspecified	(2)	(2)
Hanging	15	13
Head and Neck Injuries	65	16
Homicidal Violence	2	2
Multiple Injuries	62	16
Narcotic Abuse	3	3
Stab Wound	2	2
Substance Poisoning	5	5
Thermal Injuries (burns)	3	2
Subtotal	**256**	**143**
Undetermined after Autopsy	6	6
Total	**426**	**304**

NATURAL DEATHS OF CHILDREN

The less than 1 year old age group comprised 79.5 percent of all the natural deaths of children. The rate of natural deaths of black children is approximately 2.5 times greater than which children (15.5 per 100,000 black children versus 2.5 per 100,000 white children).

Figure 36. Natural Deaths of Children, 17 Years and Younger, by Gender and Age Group, 2005

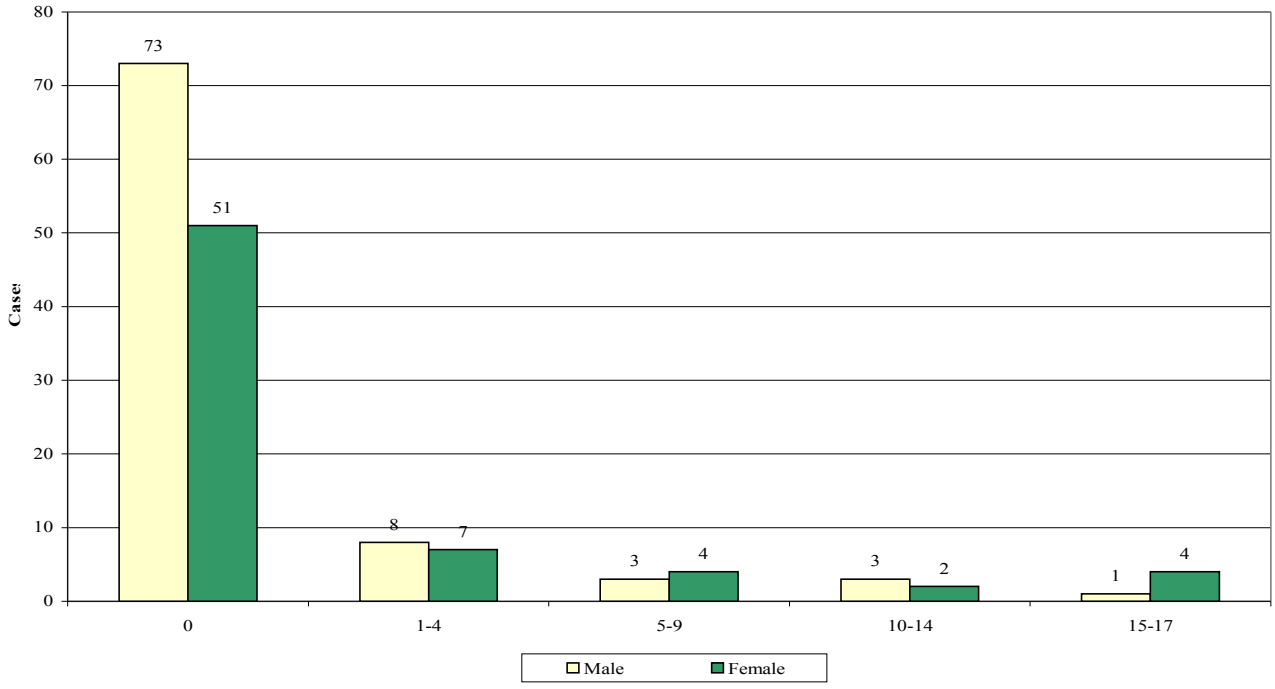
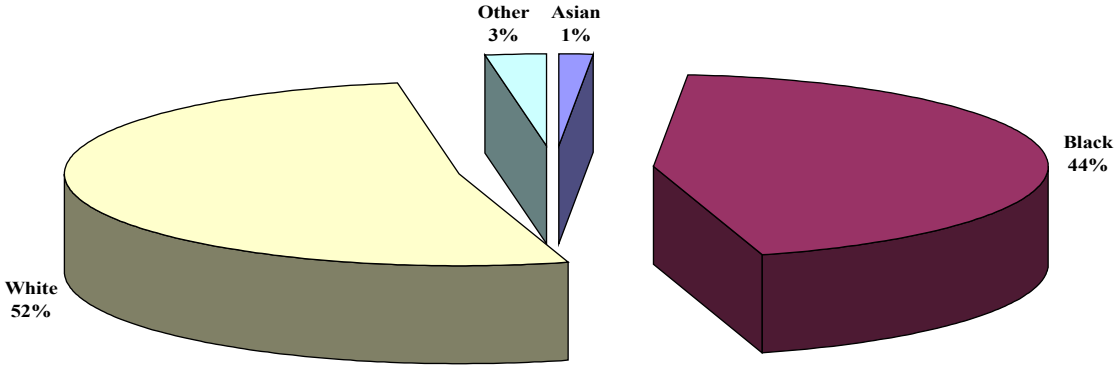


Figure 37. Proportion of Natural Deaths of Children, 17 Years and Younger, by Race/Ethnicity, 2005



ACCIDENTAL DEATHS OF CHILDREN

During 2005, the ratio of male to female accidental deaths averaged 1.93 to 1 for children aged 0 to 17 years.

- More accidental deaths occurred in whites (67.0%), in July (15.9%), and on Saturdays (21.0%).
- Being a passenger in an automobile accounted for 26.7 percent of all accidental deaths for children, followed by being the driver of an automobile (18.8%), and then by drowning (13.1%).

Figure 38. Accidental Deaths of Children, 17 Years and Younger, by Gender by Age Group, 2005

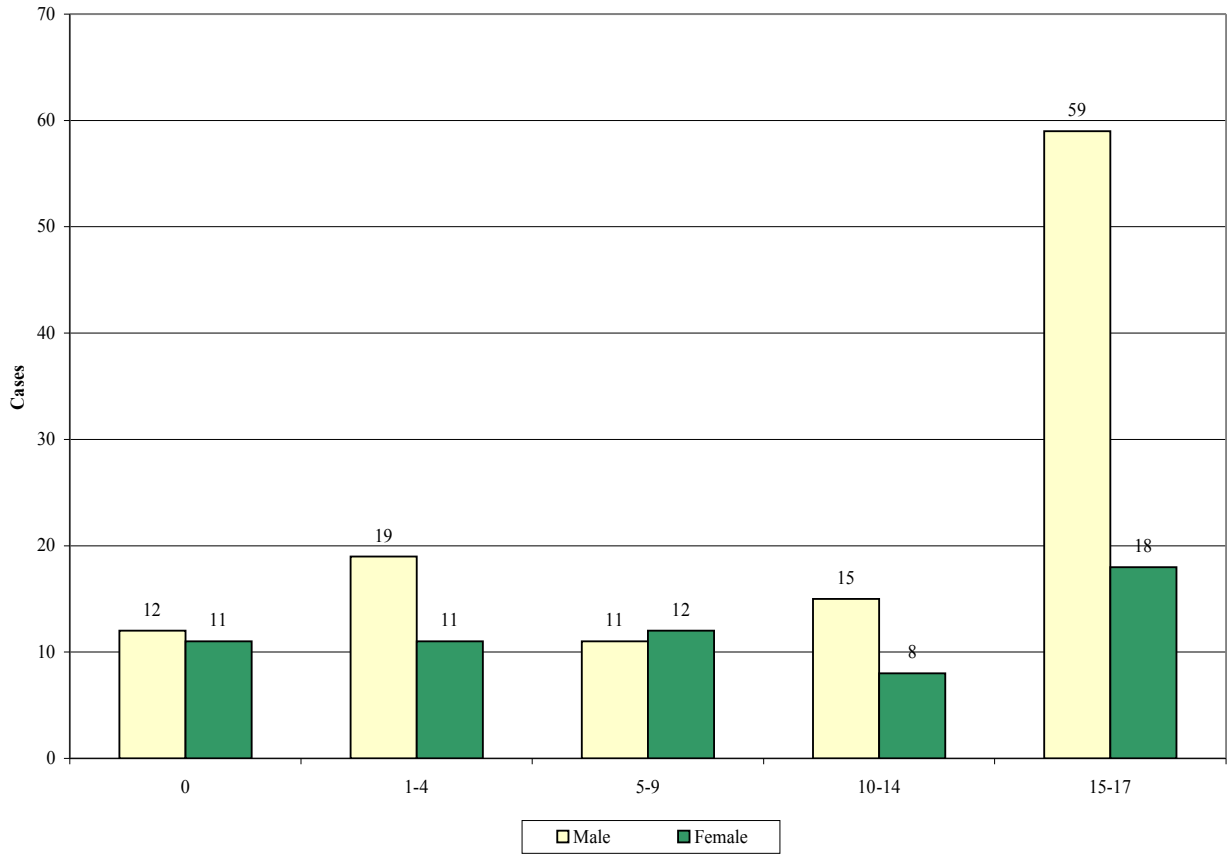


Figure 39. Proportion of Accidental Deaths of Children, 17 Years and Younger, by Race/Ethnicity, 2005

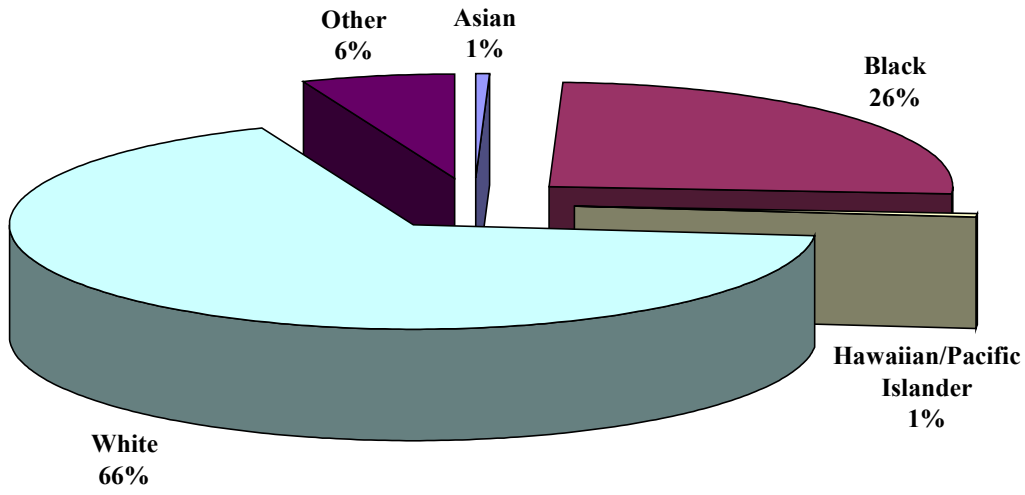


Figure 40. Accidental Deaths of Children, 17 Years and Younger, by Month of Death, 2005

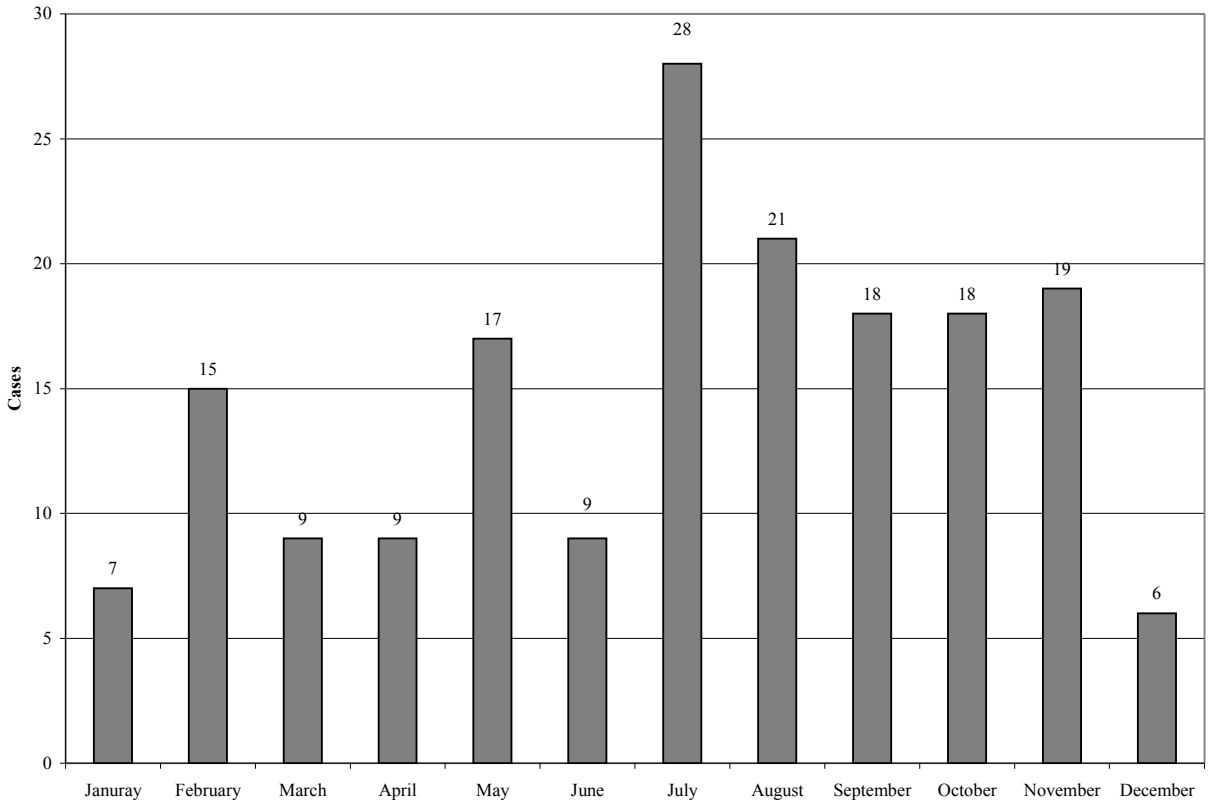


Figure 41. Accidental Deaths of Children, 17 Years and Younger, by Day of Death, 2005

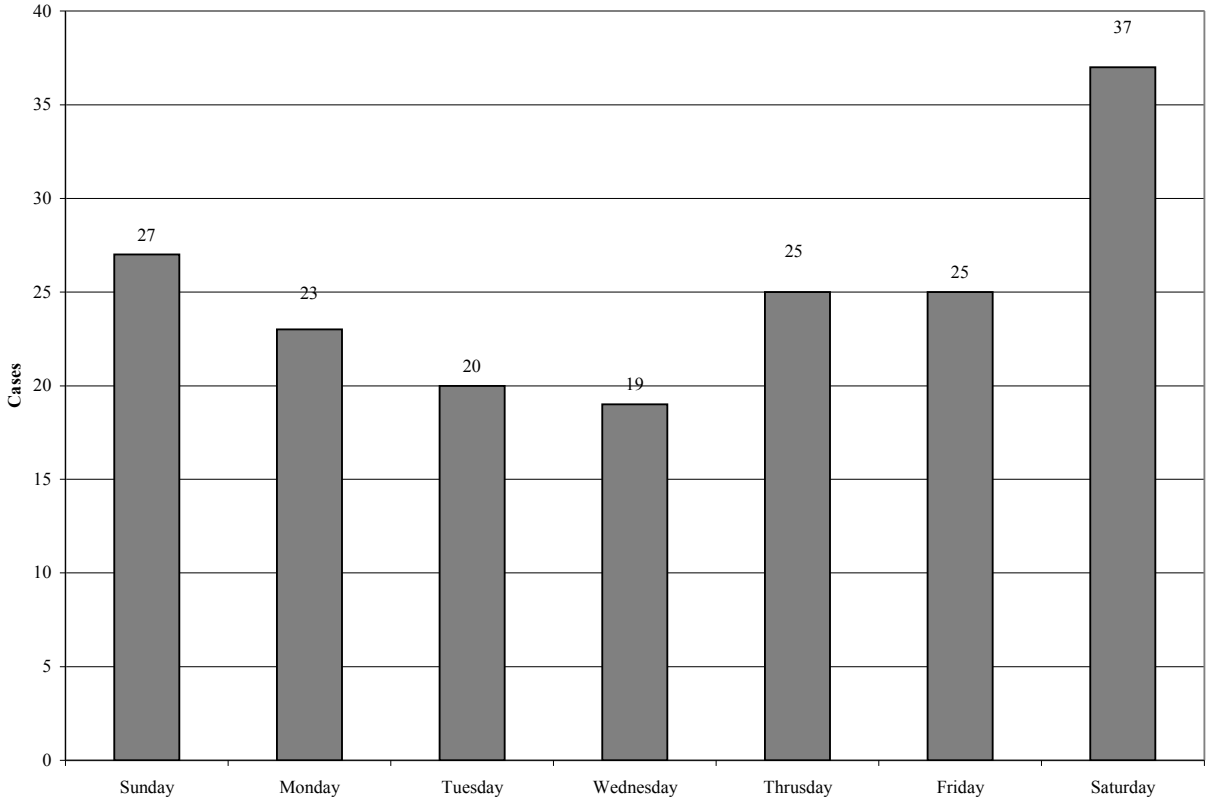


Table 21. Accidental Deaths of Children, 17 Years and Younger, by Fatal Agency, 2005

Fatal Agency	Total Cases	Autopsied
Aircraft		
Passenger/Pilot in air crash	1	1
Animal Related		
Animal related (bitten, kicked, trampled)	2	1
Asphyxia		
Accidental ligature strangulation	2	2
Choked on foreign object	1	
Crushed/Suffocated	6	6
Drowned	23	15
Hanging	3	3
Mechanical/Positional	4	3
Drug Use		
Ingested and/or injected medication	6	6
Fall		
Fall from height	2	0
Fire		
Victim of fire	13	9
Traumatic Injury		
Machinery related	2	0
Received blow/collided with object	2	1
Other traumatic injury	2	2
Vehicular		
Vehicular: ATV	2	0
Vehicular: auto/truck (driver)	33	1
Vehicular: auto truck (passenger)	47	7
Vehicular: auto/truck (pedestrian)	13	7
Vehicular: auto/truck (unknown)	1	1
Vehicular: bicycle	2	0
Vehicular: mo-ped	1	0
Vehicular: motorcycle	4	1
Vehicular: other	4	0
Total	**176**	**66**

SUICIDE DEATHS OF CHILDREN

In 2005, the number of suicide deaths of children increased from the previous year, but number of suicides for children over the past 7 years has remained relatively stable.

- Suicide was more common among males (57.1%), whites (86.0%), and children aged 14 years (28.5%).
- Almost 46.1 percent of suicides were committed using some type of firearm.

Figure 42. Suicide Deaths of Children, 17 Years and Younger, by Gender by Age, 2005

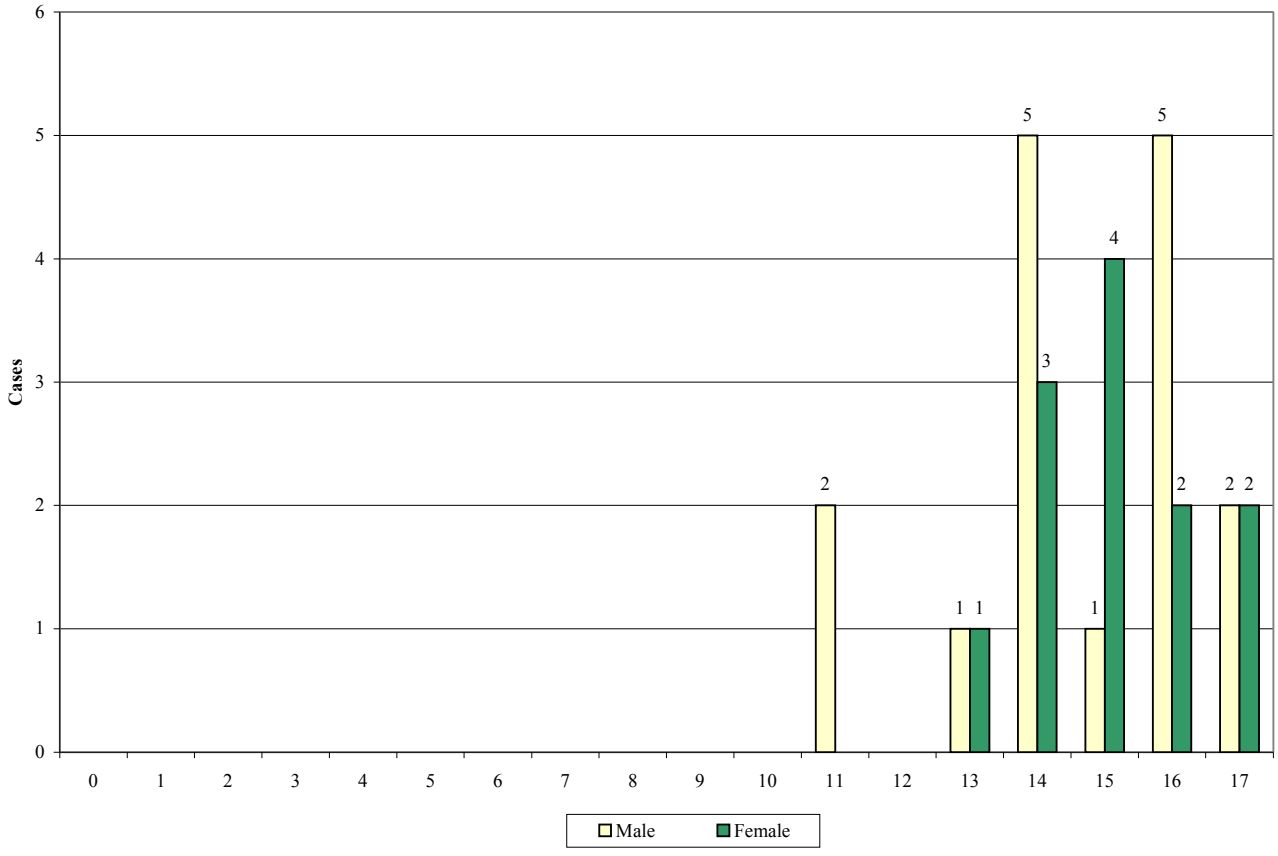


Figure 43. Proportion of Suicide Deaths by Children, 17 Years and Younger, by Race/Ethnicity, 2005

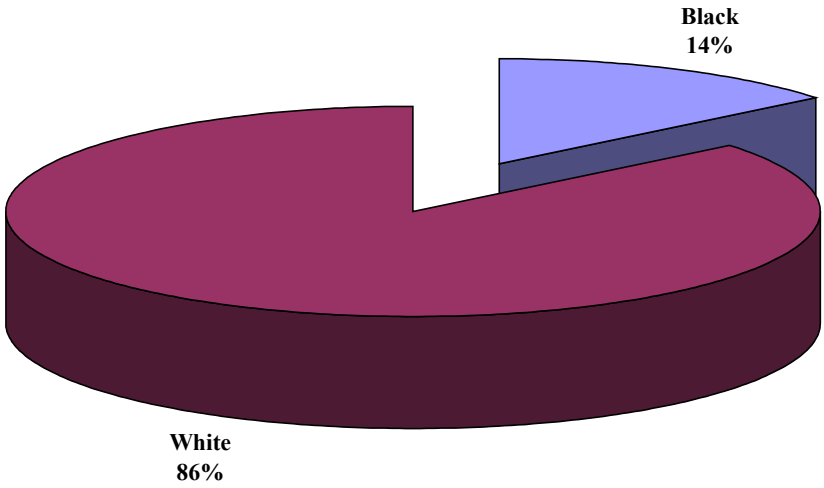


Figure 44. Suicide Deaths of Children, 17 Years and Younger, by Month of Death, 2005

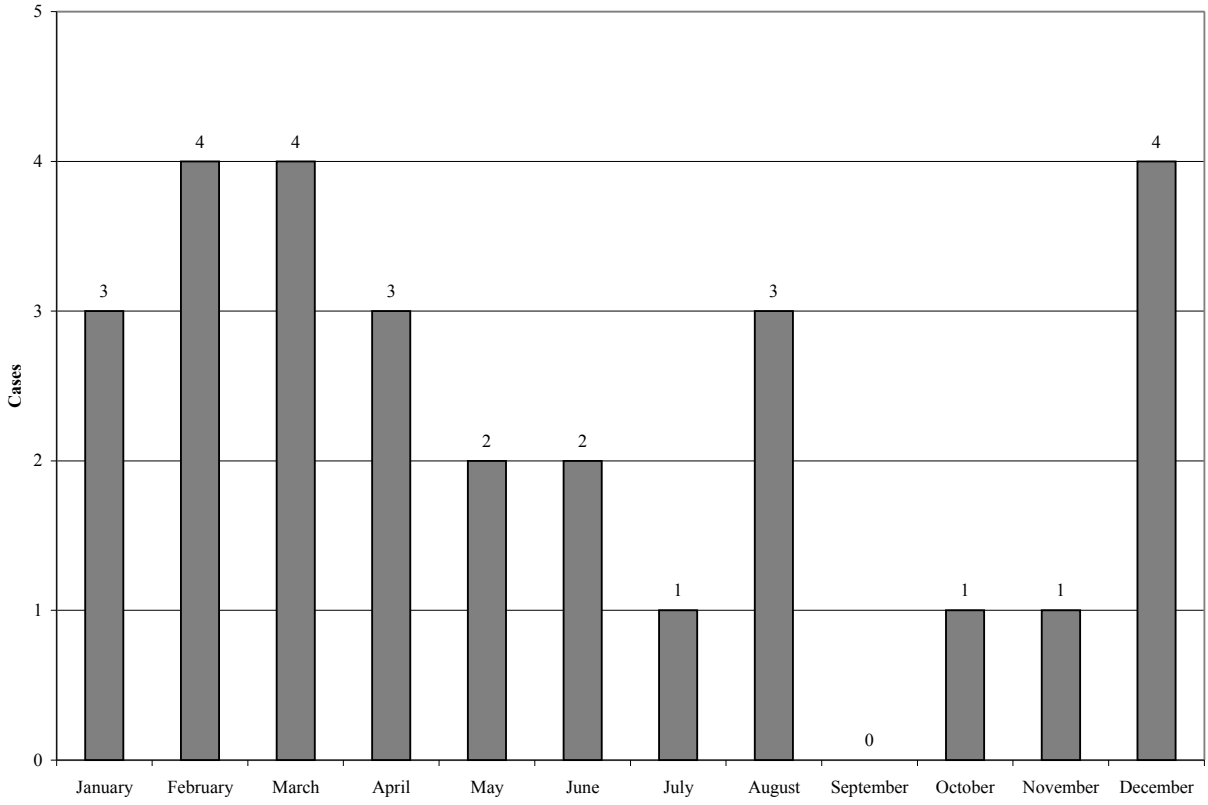


Figure 45. Suicide Deaths of Children, 17 Years and Younger, by Day of Death, 2005

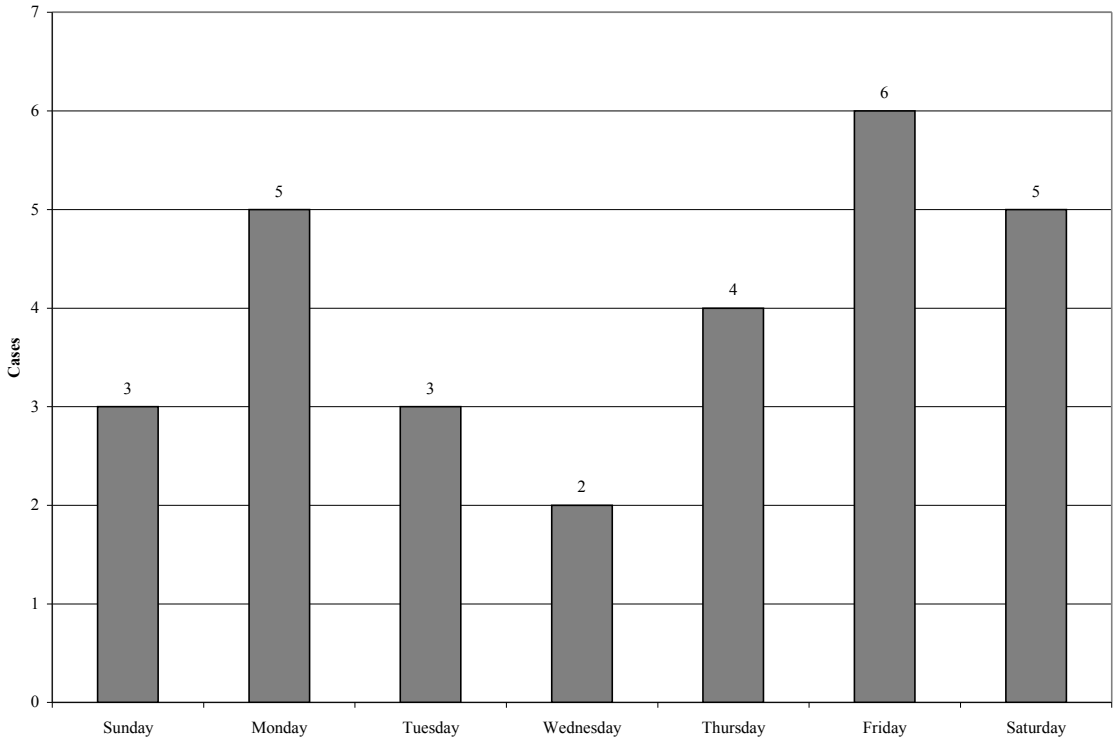
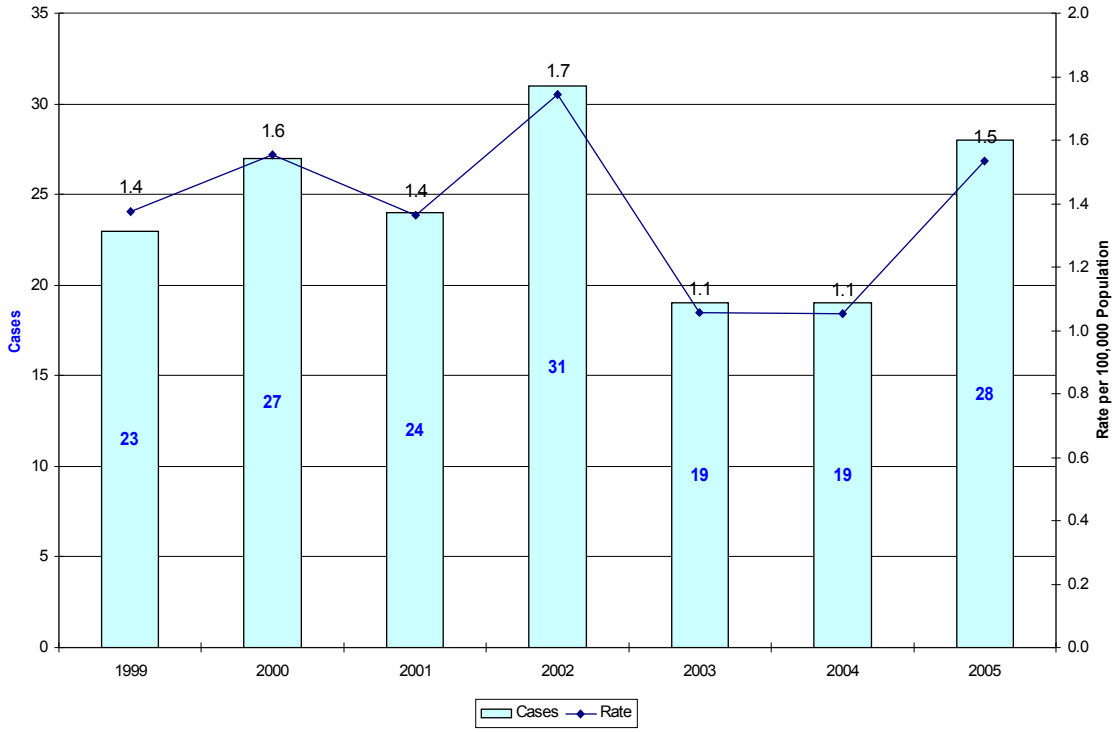


Table 22. Suicide Deaths of Children, 17 Years and Younger, by Fatal Agency, 2005

Fatal Agency	Total Cases	Autopsied
Asphyxia		
Hanged self	9	8
Strangulation	1	1
Drug Use		
Ingested, injected or inhaled medication	1	1
Traumatic Injury		
Fall/Push from height	1	1
Shot self with firearm	13	13
Handgun	(9)	(9)
Shotgun	(1)	(1)
Rifle	(3)	(3)
Traumatic- Other	1	0
Vehicular		
Vehicular: Auto/Truck (Driver)	2	1
Total	**28**	**25**

Figure 46. Suicide Deaths of Children, 17 Years and Younger, by Year of Death, 1999*-2005



*The 1999 population data is an estimate from VDH's Center for Health Statistics' data. The 15-17 year olds were contained within the age group for 15-19 year old; therefore 60 percent of the 15-19 age group was added into the 0-14 year old age groups to estimate the total 1999 children population of 0-17 year olds.

HOMICIDE DEATHS OF CHILDREN

During 2005, Virginia experienced a 14.0 percent increase of homicide deaths among children from the previous year. Homicides occurred more frequently in January, April, and October (32.6%) and on Sundays (24.5%).

- Males died from homicides at 1.5 times the rate of females overall
    - Females exceeded males 2.0 to 1.0 for <1 year old
    - Males and females had the same rate of homicides for the 1-9 age range
    - Males exceeded 2.7 times the rate of females for older children (aged 10-17 years).
- Of the 49 homicides, black children represented 61.2 percent of these deaths with a rate of 6.8 homicides per 100,000 black children compared to 1.4 homicides per 1000,000 white children.
- Firearms were the method of death in 49.0 percent of homicides of children.

Figure 47. Homicide Deaths of Children, 17 Years and Younger, by Gender by Age, 2005

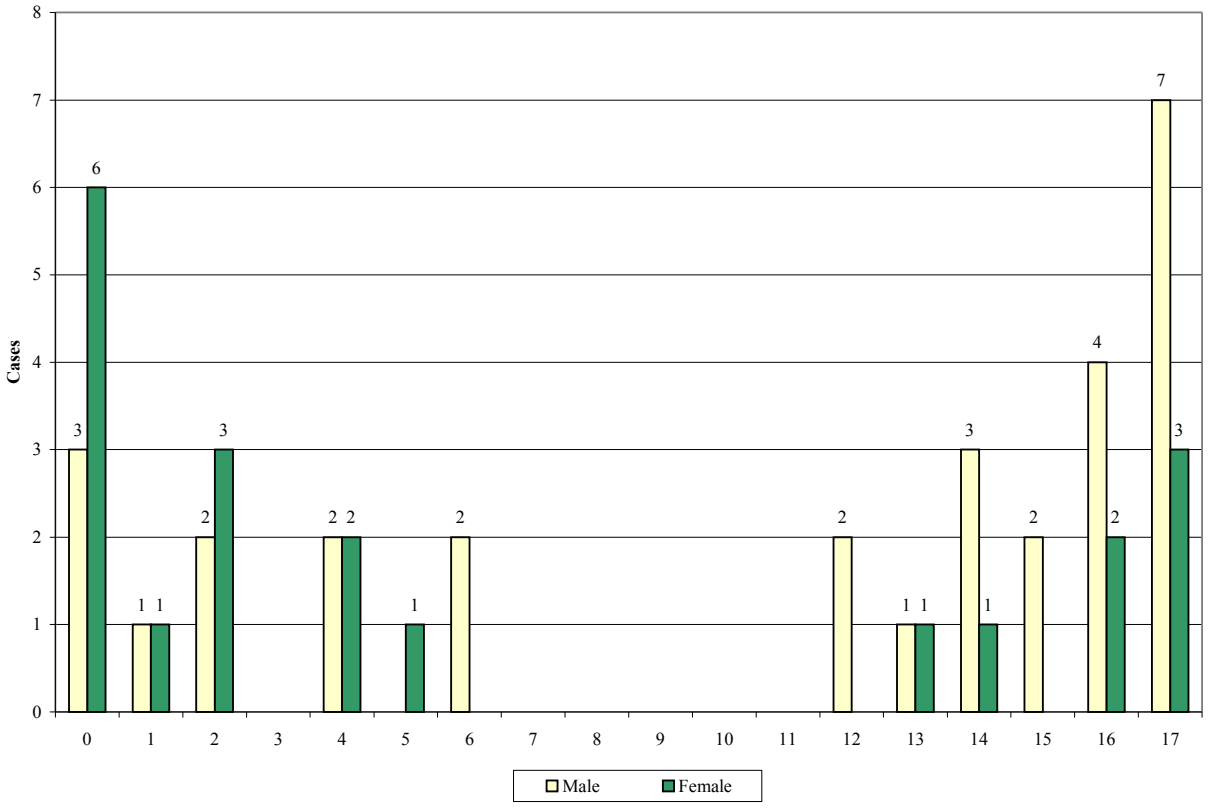


Figure 48. Proportion of Homicide Deaths of Children, 17 Years and Younger, by Race/Ethnicity, 2005

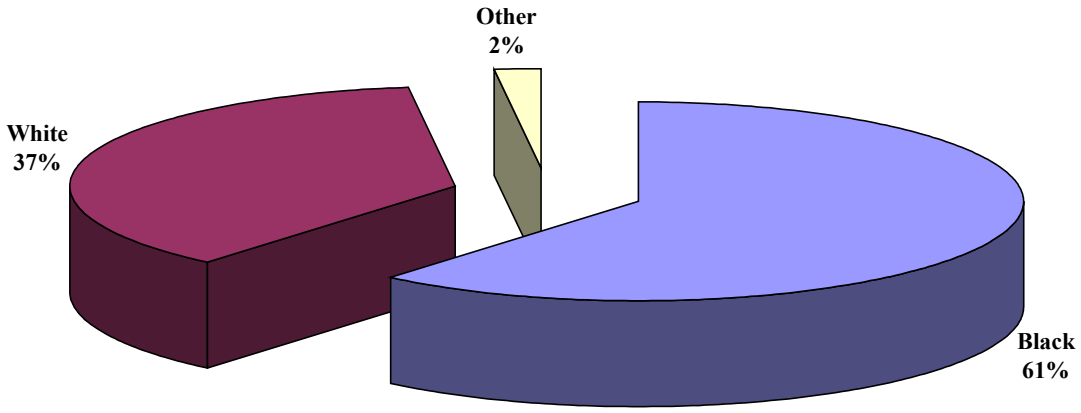


Figure 49. Homicide Deaths of Children, 17 Years and Younger, by Month of Death, 2005

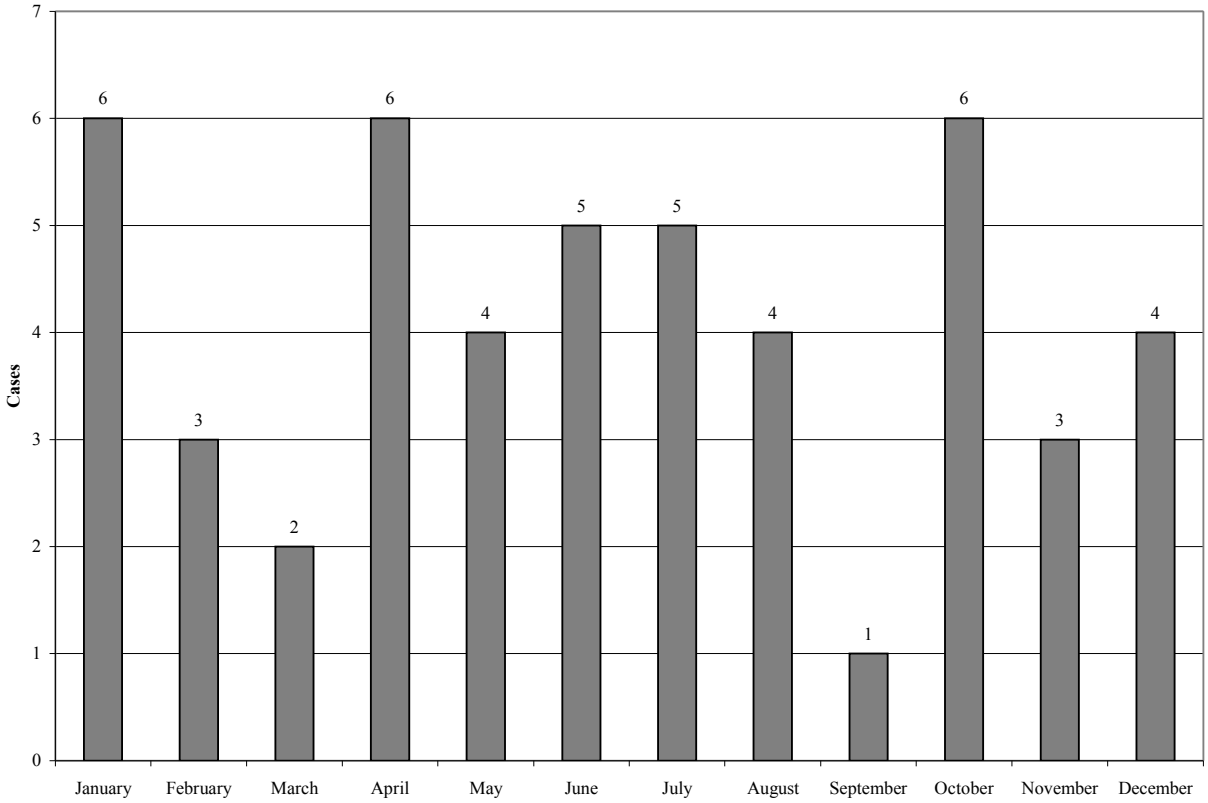


Figure 50. Homicide Deaths of Children, 17 Years and Younger, by Day of Death, 2005

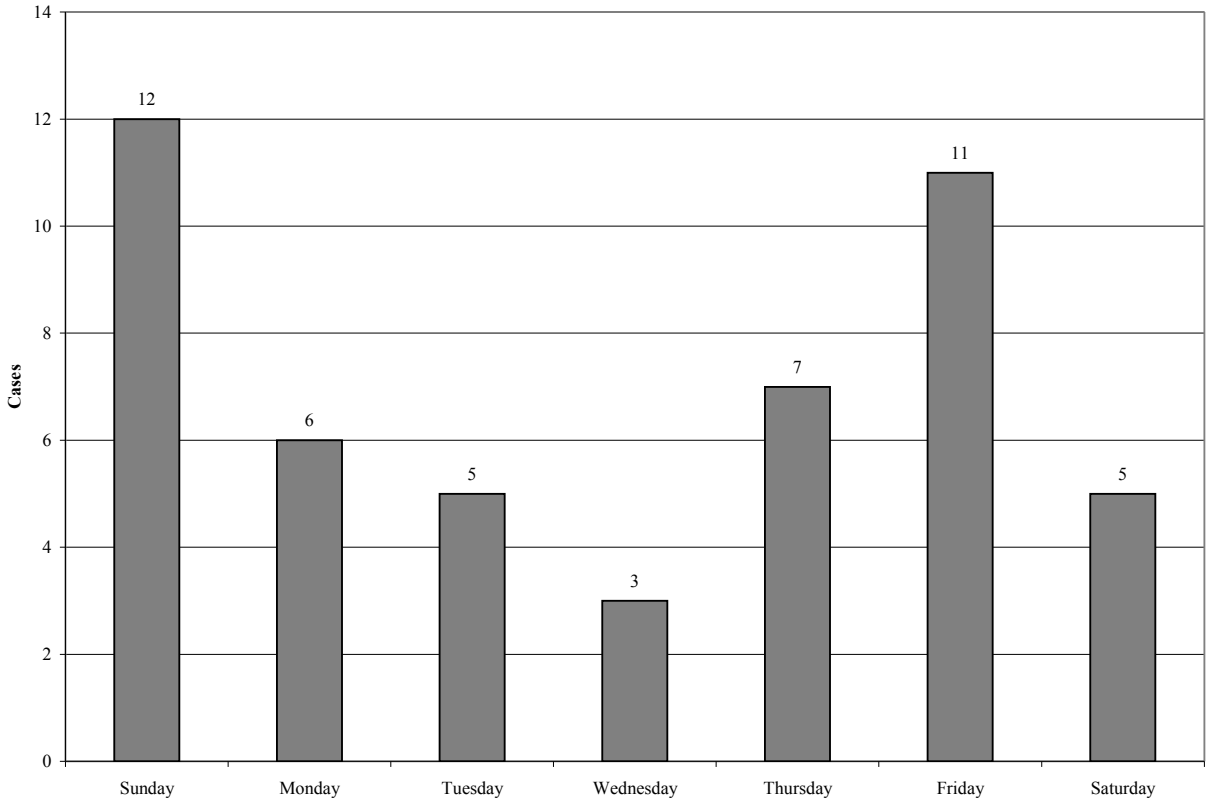
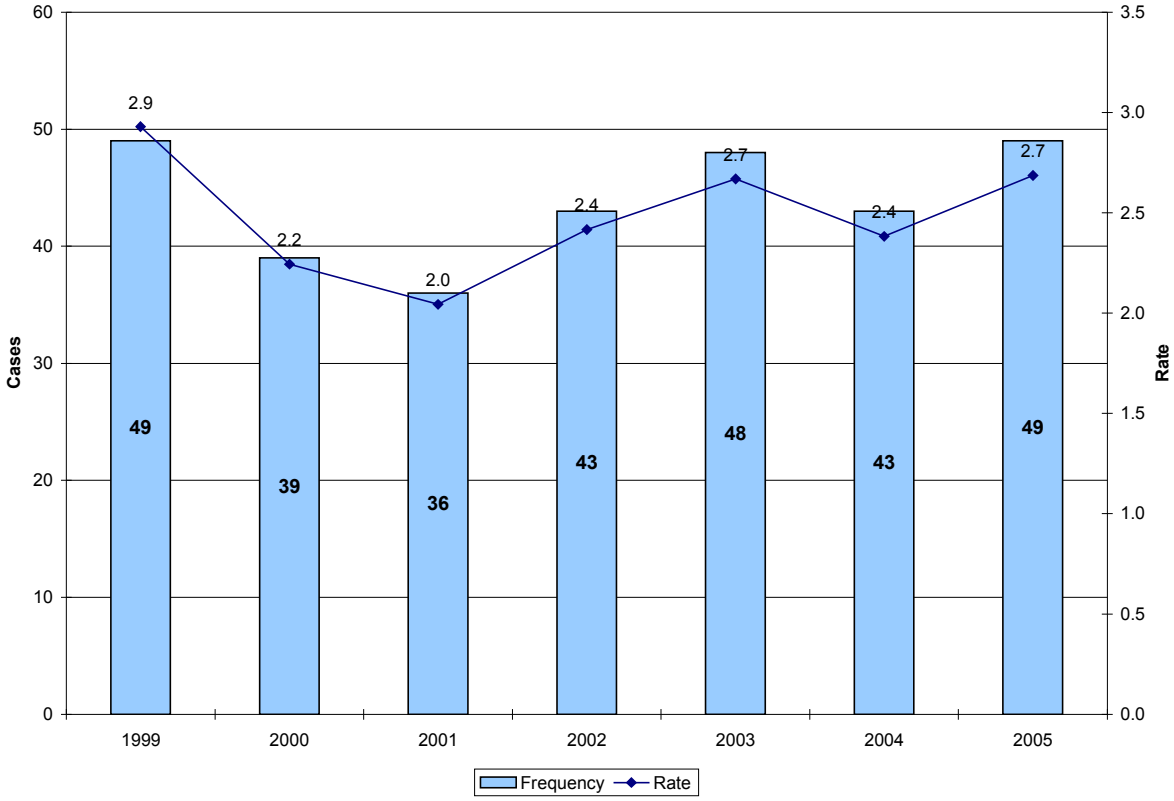


Table 23. Homicide Deaths of Children, 17 Years and Younger, by Fatal Agency, 2005

Fatal Agency	Total Case	Autopsied
Asphyxia		
Drowning	1	1
Mechanical/Positional	1	1
Strangled by assailant(s)	3	3
Traumatic Injury		
Abused/Battered child	8	8
Beaten by assailant(s)	5	5
Cutting Instrument	2	2
Shot by assailant(s) with firearm	24	24
Handgun	(22)	(22)
Unspecified	(2)	(2)
Traumatic - Other	4	4
Unknown		
Homicide - Other	1	1
Total	**49**	**49**

Figure 51. Homicide Deaths of Children, 17 Years and Younger, by Year of Death, 1999*-2005



*The 1999 population data is an estimate from VDH's Center for Health Statistics' data. The 15-17 year olds were contained within the age group for 15-19 year old; therefore 60 percent of the 15-19 age group was added into the 0-14 year old age groups to estimate the total 1999 children population of 0-17 year olds.

UNDETERMINED DEATHS OF CHILDREN

A total of 17 undetermined deaths of children occurred in 2005. The majority of these undetermined deaths were found in children aged less than 1 year (76.4%).

Table 24. Undetermined Deaths of Children, 17 Years and Younger, by Fatal Agency and by Age, 2005

Fatal Agency	Total Cases	Autopsied
Undetermined Manner & Cause of Death		
Undetermined after autopsy and/or toxicology	13	13
Undetermined Manner but Cause of Death Determined		
Burns/Fire	1	1
Exposure- Starvation/Inanition	1	1
Gunshot wound	1	1
Ingested/Injected medication	1	1
Determined Manner but Cause of Death Undetermined		
Undetermined after autopsy and/or toxicology	0	0
Age		
0	13	13
1	1	1
2	1	1
5	1	1
16	1	1
Total	**17**	**17**

SECTION 5: ETHANOL RELATED DEATHS

Ethanol, at a level of 0.01 percent by weight by volume (W/V) or greater, was detected in the blood of decedents in 1229 cases (20.8%) in 2005. Of those cases with a detectable ethanol level, 55.2 percent had a measured level at or above 0.08 percent W/V, which is the legal limit for operating a motor vehicle in Virginia.

- Accidents were responsible for 42.2 percent of all ethanol related deaths.
- Males died from ethanol related deaths 4.2 times the rate of females.
- The rate for ethanol related deaths was comparable between whites and blacks (17.4 per 100,000 blacks compared to 16.0 per 100,000 whites).

Figure 52. Ethanol Related Deaths by Manner of Death, 2005
Measure Ethanol ≥ 0.01% W/V

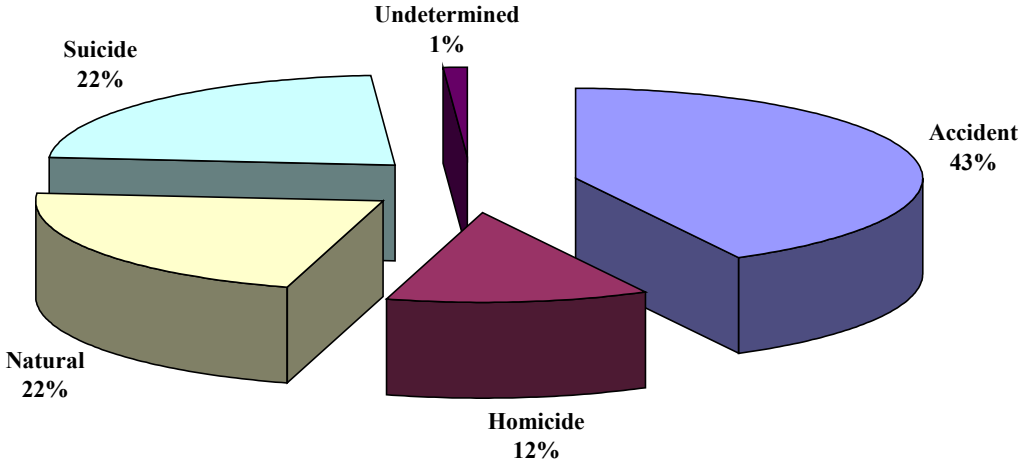


Figure 53. Ethanol Related Deaths by Gender by Age Group, 2005
Measured Ethanol ≥0.01% W/V

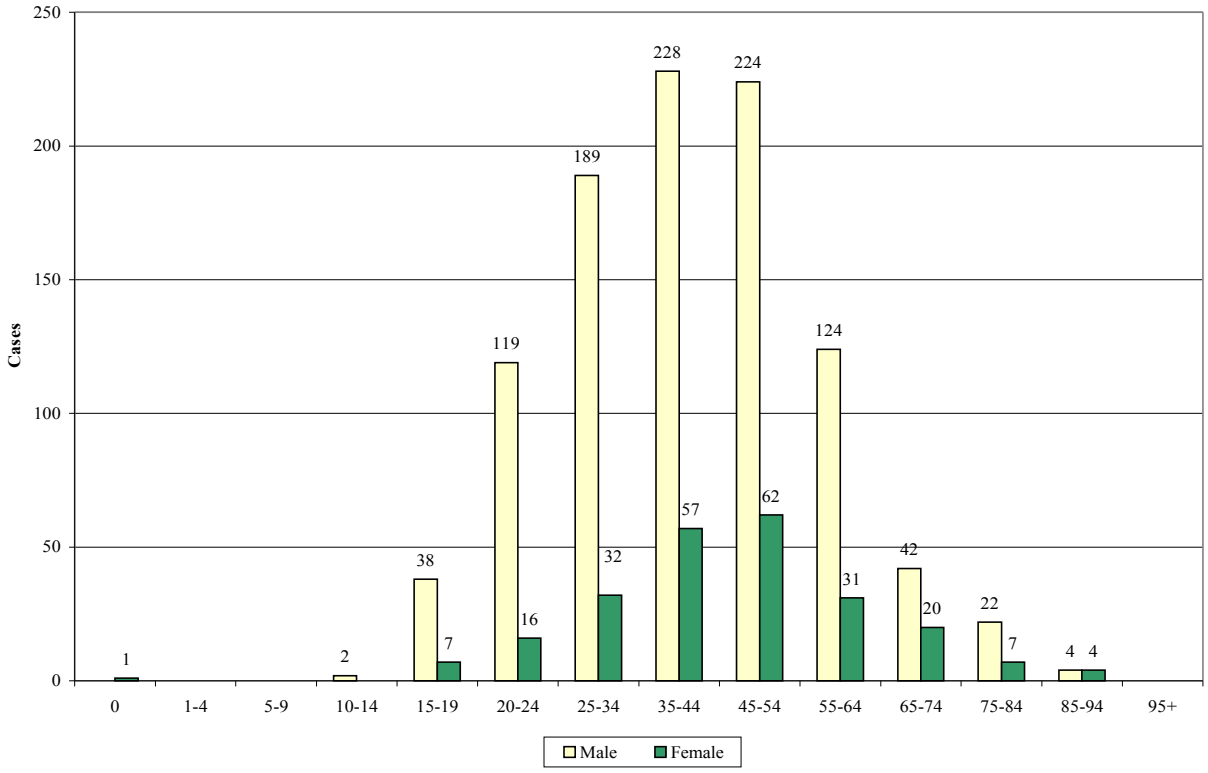


Figure 54. Ethanol Related Deaths by Race/Ethnicity, 2005
Measured Ethanol ≥0.01% W/V

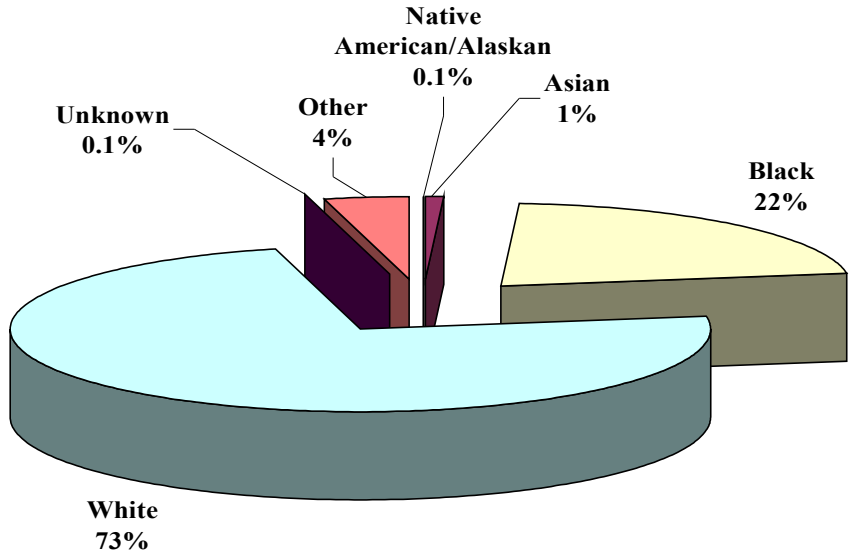
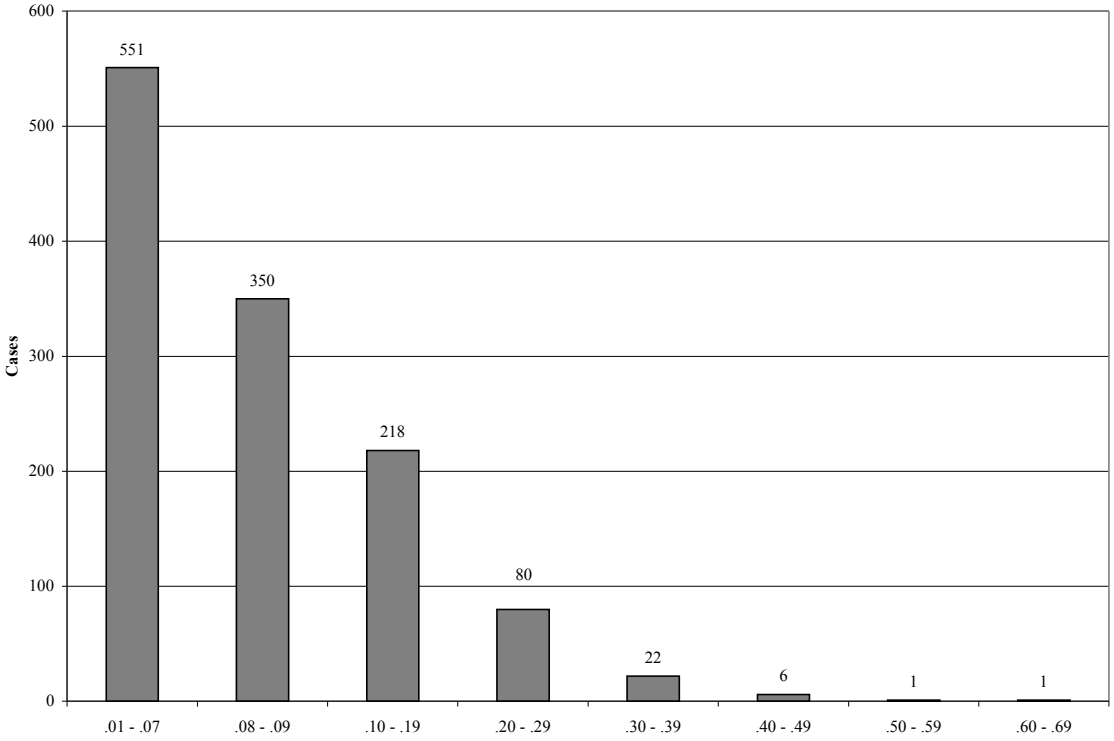


Figure 55. Ethanol Related Deaths by Measured Ethanol Level, 2005, %W/V



ETHANOL RELATED ACCIDENTAL DEATHS

Ethanol was detected in 23.1 percent of all accidental deaths in 2005; this was a slight decrease from the previous year.

- Vehicular related accidental deaths had detectable levels of ethanol in 26.0 percent of these deaths.
- Drug related accidental deaths had detectable levels of ethanol in 27.5 percent of these deaths.

Table 25. Ethanol Related Accidental Deaths by Fatal Agency, 2005

		Ethanol ≥0.01% W/V	
Fatal Agency	**Total**	**Yes**	**No**
Aircraft			
Passenger/Pilot in aircraft crash	6	0	6
Animal Related			
Animal related	5	0	5
Asphyxia			
Accidental ligature strangulation	5	0	5
Allergic Reaction	1	0	1
Choked on foreign object	20	4	16
Drowned	89	26	63
Hanging	12	5	7
Mechanical/Positional	21	4	17
Suffocation/Smothering	11	3	8
Drug Use			
Ingested alcohol (ethanol)	24	22	2
Ingested and/or injected drugs	475	130	345
Electrical			
Contacted electrical current	10	0	10
Struck by lightning	1	0	1
Exposure			
Exposure to cold	15	4	11
Exposure to heat	4	1	3
Fall			
Fall from height	352	25	327
Fire			
Scalded by hot water, hot oil, other agent	2	0	2
Smoke inhalation - carbon monoxide	52	10	42
Victim of fire	25	6	19
Machinery			
Farm or industrial machinery accident	9	0	9
Poisoned			

~continued

		Ethanol ≥0.01% W/V	
Fatal Agency	**Total**	**Yes**	**No**
Inhaled toxic agent accidentally - carbon monoxide	6	2	4
Traumatic Injury			
Accidental discharge of firearm	4	2	2
Accidental cutting with cutting instrument	1	0	1
Cave-in	2	1	1
Explosion	2	0	2
Received blow/collided with object	25	0	25
Sports/Athletic	3	1	2
Traumatic - other	33	3	30
Undetermined	4	0	4
Vehicular			
ATV	10	1	9
Auto - driver	589	171	418
Auto - passenger	195	40	155
Auto - pedestrian	102	28	74
Auto - unknown	19	6	13
Bicycle	17	1	16
Boat	3	2	1
Mo-ped	2	0	2
Motorcycle	59	16	43
Tractor/Heavy construction equipment	9	0	9
Train	6	2	4
Other	20	2	18
Total	**2248**	**519**	**1729**

ETHANOL RELATED SUICIDE DEATHS

Ethanol was detected in 276 or 31.5 percent of all suicides. Of these 276 suicides with ethanol present, the most frequent method of suicide was to shoot oneself with a firearm (64.1%) followed by hanging oneself (13.8%).

Table 26. Ethanol Related Suicide Deaths by Fatal Agency, 2005

		Ethanol ≥0.01% W/V	
Fatal Agency	**Total**	**Yes**	**No**
Asphyxia			
Drowned self	4	3	1
Hanged self	136	38	98
Suffocated self	12	2	10
Strangulation	11	2	9
Drug Use			
Ingested, injected or inhaled medication	111	34	77
Fall			
Jumped/Fell from height	21	2	19
Fire			
Burned self	3	0	3
Smoke Inhalation (Carbon Monoxide)	2	1	1
Poisoned			
Inhaled motor vehicle exhaust (Carbon Monoxide)	20	8	12
Ingested alcohol	5	2	3
Traumatic Injury			
Beating/Blows/Blunt Instrument	2	1	1
Cut/Stabbed self	17	2	15
Falling object	1	1	0
Shot self with firearm	514	176	338
Handgun	(369)	(124)	(245)
Rifle	(53)	(24)	(29)
Shotgun	(86)	(24)	(62)
Other	(1)	(1)	(0)
Unspecified	(5)	(0)	(5)
Traumatic - Other	6	1	5
Vehicular			
Driver of auto/truck	8	2	6
Passenger of auto/truck	1	0	1
Pedestrian struck by motor vehicle	1	0	1
Total	**875**	**276**	**599**

ETHANOL RELATED HOMICIDE DEATHS

Ethanol was detected in 34.0 percent of all homicide deaths in 2004. In homicide deaths involving a firearm, ethanol was detected in 36.1 percent, which was a 21.0 percent decrease from the previous year.

Table 27. Ethanol Related Homicide Deaths by Method of Death, 2005

		Ethanol ≥0.01% W/V	
Method of Death	**Total**	**Yes**	**No**
Asphyxia			
Drowning	3	1	2
Hanging	3	1	2
Mechanical/Positional	2	0	2
Suffocation/Smothering	1	1	0
Strangulation	12	1	11
Electrical			
Contacted electrical current	1	0	1
Fall			
Fall/Push	2	0	2
Fire			
Burns/Fire	1	0	1
Traumatic Injury			
Abused/Battered child	8	0	8
Beating/Blows/Blunt Instrument	31	11	20
Cutting Instrument/Stab	59	28	31
Shot self with firearm	358	102	256
Handgun	(280)	(81)	(199)
Rifle	(11)	(5)	(6)
Shotgun	(19)	(4)	(15)
Other	(2)	(0)	(2)
Unspecified	(46)	(12)	(34)
Traumatic - Other	8	1	7
Vehicular			
Unknown position of Auto/Truck	1	0	1
Pedestrian struck by motor vehicle	3	1	2
Undetermined			
Undetermined after autopsy and/or Investigation	5	2	3
Total	**498**	**149**	**349**

ETHANOL RELATED UNDETERMINED DEATHS

Ethanol was detected in 18.5 percent of all undetermined deaths.

Table 28. Ethanol Related Undetermined Deaths by Fatal Agency, 2005

		Ethanol ≥0.01% W/V	
	Total	**Yes**	**No**
Undetermined Manner & Cause of Death			
Undetermined after autopsy and/or toxicology	44	3	41
Undetermined Manner but Cause of Death Determined			
Asphyxia			
Drowning	3	3	0
Drug Use			
Ingested/Injected medication	12	3	9
Exposure			
Starvation	1	0	1
Fall			
Fall from height/same height	3	1	2
Fire			
Explosion/Victim of fire	3	1	2
Poisoned			
Inhaled toxic agent	1	0	1
Traumatic Injury			
Beating/Blows/Blunt instrument	3	1	2
Gunshot wound	9	2	7
Other traumatic causes	1	0	1
Vehicular			
Driver/Passenger/Pedestrian	1	1	0
Determined Manner but Cause of Death Undetermined			
Undetermined after autopsy and/or toxicology	0	0	0
Total	**81**	**15**	**66**

ETHANOL RELATED CAUSES OF DEATH

Ethanol was detected in 20.8 percent of all causes of deaths in 2005, with ethanol detected in 12.2 percent of all natural deaths and 26.2 percent of all unnatural deaths.

Table 29. Ethanol Related Natural and Unnatural Deaths by Cause of Death, 2005

		Ethanol ≥0.01% W/V	
Natural Deaths	**Total**	**Yes**	**No**
AIDS/HIV Complications	8	2	6
Alzheimers Disease	5	0	5
Aneurysm	15	3	12
Asthma	17	2	15
Blood Disorders	1	0	1
Carcinoma	67	3	64
Cerebrovascular	36	3	33
COPD	19	2	17
Congenital Defect	8	0	8
Dehydration	4	0	4
Diabetes	37	5	32
Emboli	41	3	38
Emphysema	4	0	4
Epilepsy	23	3	20
Ethanolism	69	37	32
Gastrointestinal Hemorrhage	35	8	27
Heart Disease	1489	182	1307
Hepatic Failure	33	6	27
History of Illness or Injury	2	0	2
Hypertension	7	1	6
Leukemia	3	0	3
Maternal and Fetal Complications	7	0	7
Medical Treatment	1	0	1
Meningitis	4	0	4
Natural - Other	44	4	40
Obesity	16	2	14
Parkinson's Disease	1	0	1
Pneumonia	83	2	81
Prematurity	4	0	4
Renal Failure	12	1	11
Respiratory Distress Syndrome	1	0	1
Sepsis	30	0	30
SIDS	90	1	89
Subtotal for Natural Deaths	**2216**	**270**	**1946**

~*continued*

		Ethanol ≥0.01% W/V	
Unnatural Deaths	**Total**	**Yes**	**No**
Asphyxia	114	23	91
Carbon Monoxide Poisoning	91	25	66
Child Abuse	6	0	6
Drowning	102	35	67
Electrocution	15	0	15
Ethanol Poisoning	26	23	3
Exposure	21	5	16
Exsanguination	27	4	23
Gunshot Wound	884	282	602
Handgun	(657)	(208)	(449)
Rifle	(66)	(29)	(37)
Shotgun	(106)	(29)	(77)
Other	(4)	(1)	(3)
Unspecified	(51)	(15)	(36)
Hanging	158	45	113
Head and Neck Injuries	599	135	464
Multiple Injuries	822	172	650
Narcotic Abuse	194	62	132
Stab Wound	57	26	31
Subdural Hematoma	87	4	83
Substance Poisoning	404	103	301
Thermal Injuries (burns)	36	12	24
Unnatural - Other	12	1	11
Skeletal/Mummified Remains	2	0	2
Subtotal for Unnatural Deaths	**3659**	**957**	**2702**
Uncertifiable Deaths			
Undetermined after Autopsy	32	2	30
Total (All Deaths)	**5907**	**1229**	**4678**

SECTION 6: MOTOR VEHICLE RELATED DEATHS

The OCME investigated 1,042 motor vehicle related deaths in 2005; and in 20.3 percent of these deaths, the decedent had a measured blood alcohol level at or above the legal limit of 0.08 percent W/V.

- Whites accounted for approximately three out of four motor vehicle deaths in which the decedent had a measured blood alcohol level at or above 0.01 percent W/V.
- Males died from motor vehicle incidents with the presence of alcohol at 5.5 times that of females (5.75 per 100,000 males compared to 1.04 per 100,000 females).
- Persons aged 35-44 years old had more deaths (23.7%) in motor vehicle incidents with the presence of ethanol in the decedent than any other age group.
- Of all the motor vehicle related deaths, 597 or 57.3 percent of the decedents were the drivers of the vehicle, while 142 or 23.8 percent of these deceased drivers had a measured blood alcohol level at or above 0.08 percent W/V.

Figure 56. Motor Vehicle Deaths with the Presence of Ethanol by Gender and by Age, 2005
Measured Ethanol ≥0.01% W/V

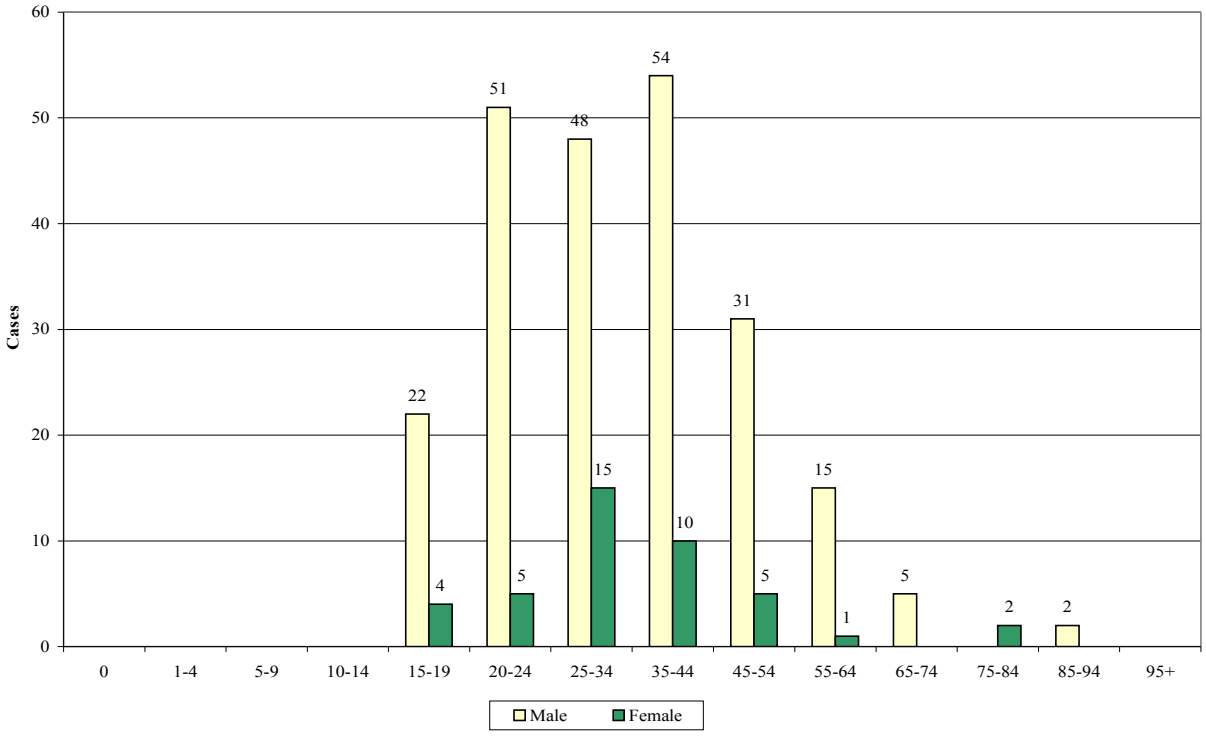


Figure 57. Proportion of Motor Vehicle Deaths with Ethanol Present by Race/Ethnicity, 2005
Measured Ethanol ≥0.01% W/V

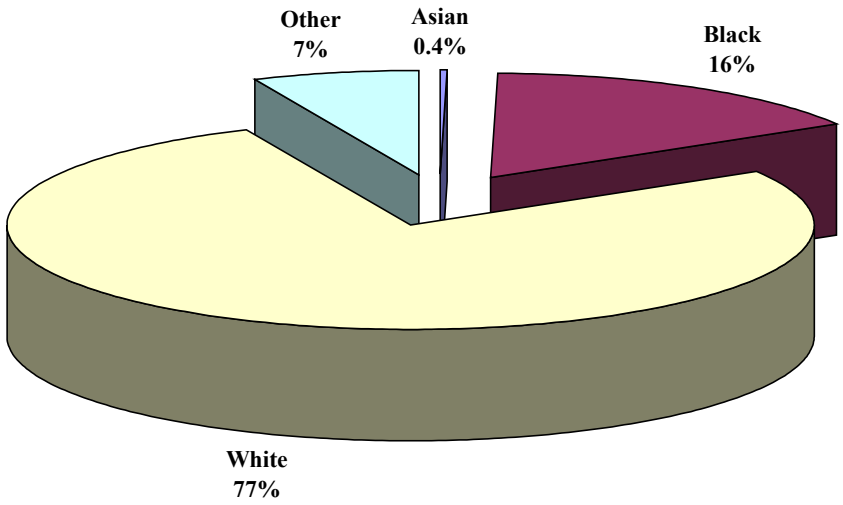


Figure 58. Motor Vehicle Related Deaths by Presence of Ethanol, 2005

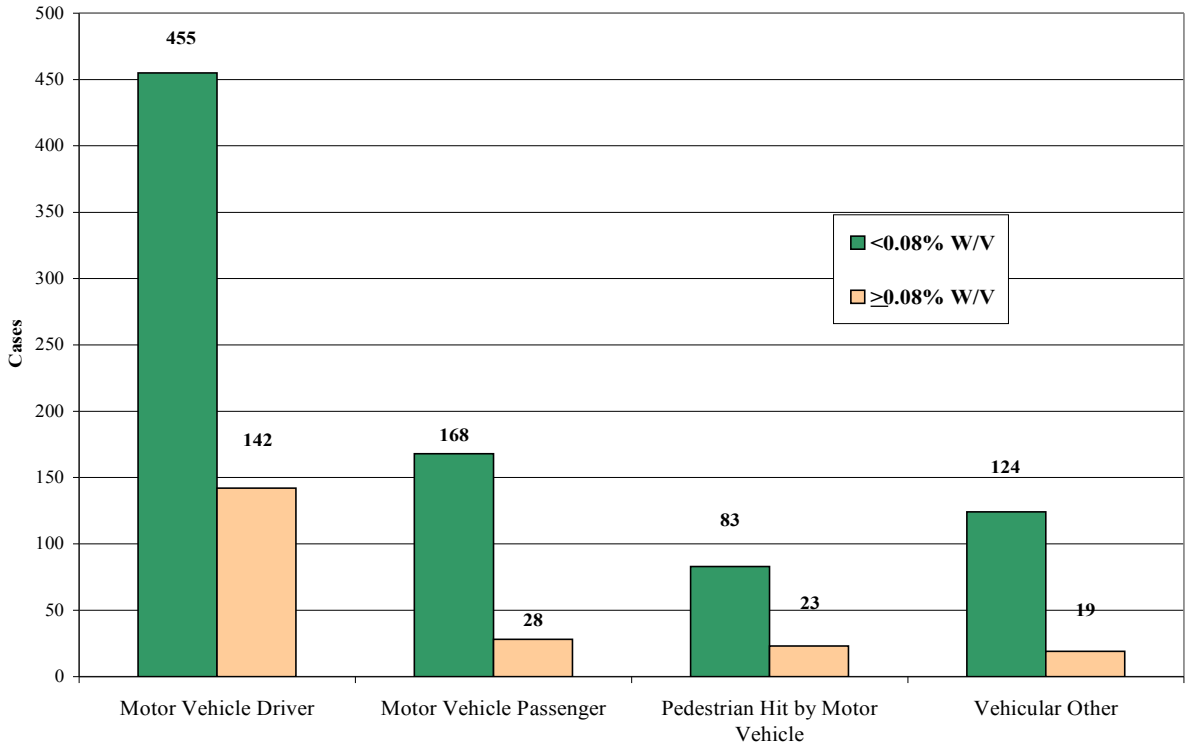


Figure 59. Motor Vehicle Related Deaths by Age Group, 2005

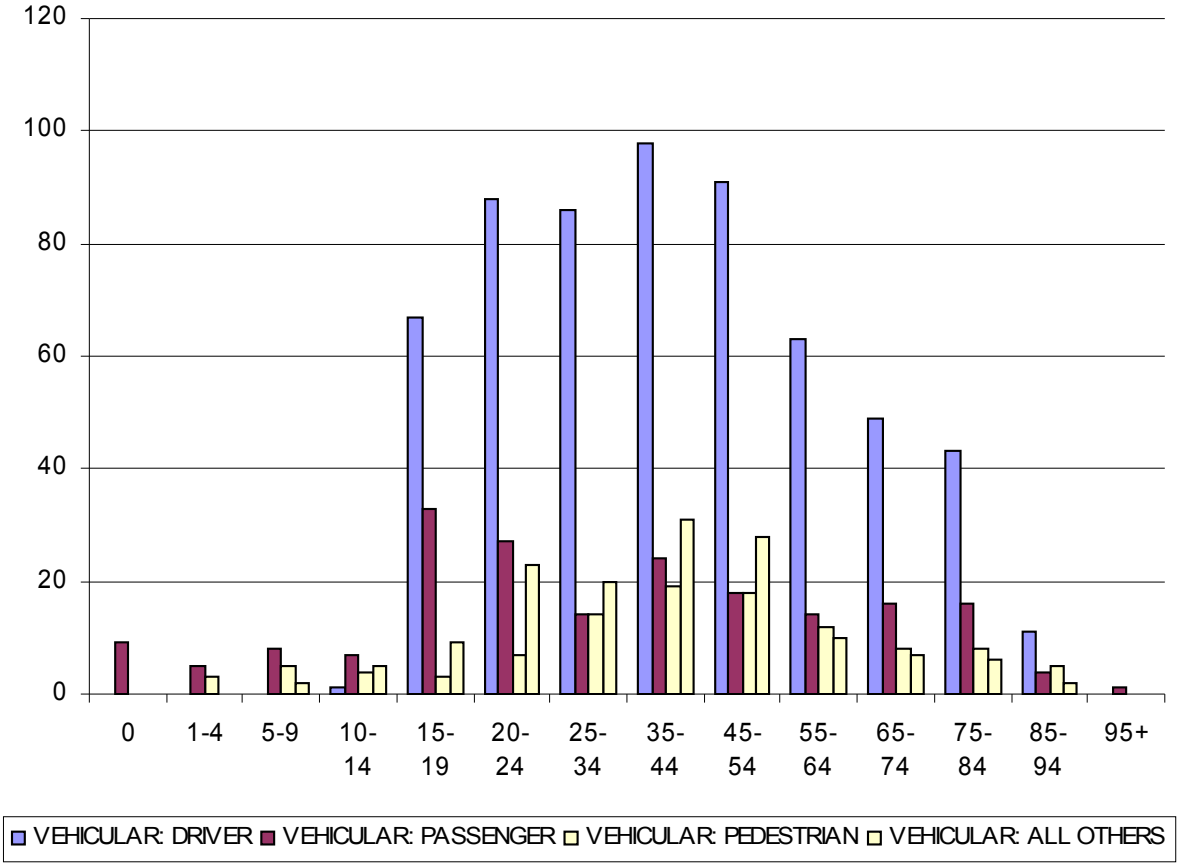


Table 30. Motor Vehicle Related Deaths by Presence of Ethanol, 2005

		Ethanol ≥0.08% W/V	
Circumstances	**Total**	**Yes**	**No**
Motor Vehicle Driver	597	142	455
Motor Vehicle Passenger	196	28	168
Pedestrian Hit by Motor Vehicle	106	23	83
Vehicular Other	143	19	124
Total	**1042**	**212**	**830**

SECTION 7: DRUG CAUSED DEATHS

In 2005, the 545 drug caused deaths were most frequently assigned (80.6%) as accidents as the manner of death with narcotic abuse and substance intoxication accounting for 99.3 percent of these accidental deaths.

- Drug caused deaths were greatest in males (60.2%), aged 35-44 years (34.9%), and whites (84.8%).
- Narcotics were the most frequently identified class of compounds present in decedents (31.3%) followed by stimulants (19.5%).
- Pulaski County had the highest rate of 45.6 per 100,000 people for drug related deaths in 2005 by county of residence, while Stafford County had the lowest rate of 1.7 per 100,000 people for those counties with at least 1 drug-related death.
- Lee County, which had the highest rate of 46.1 per 100,000 in 2004 dropped to a rate of 33.8 per 100,000
- Whites were 4.6 times more likely than blacks to die due to non-illicit drugs, while blacks were 1.6 times more likely than whites to die due to illicit drugs

Figure 60. Drug Caused Deaths by Gender and by Age, 2005

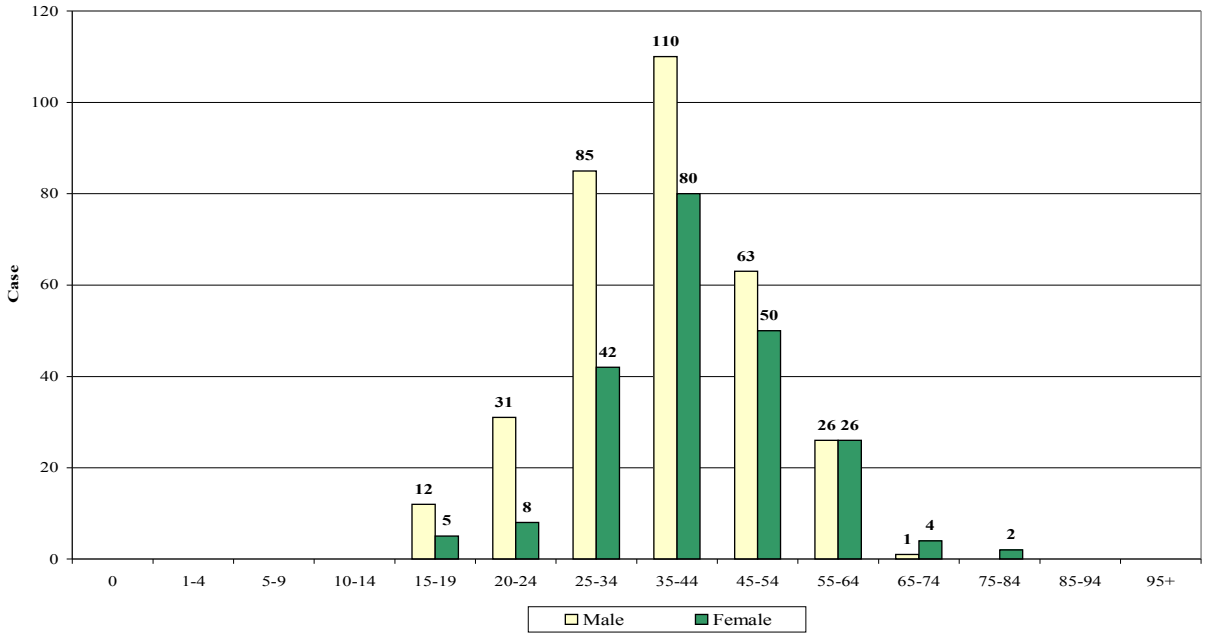


Figure 61. Proportion of Drug Caused Deaths by Race/Ethnicity, 2005

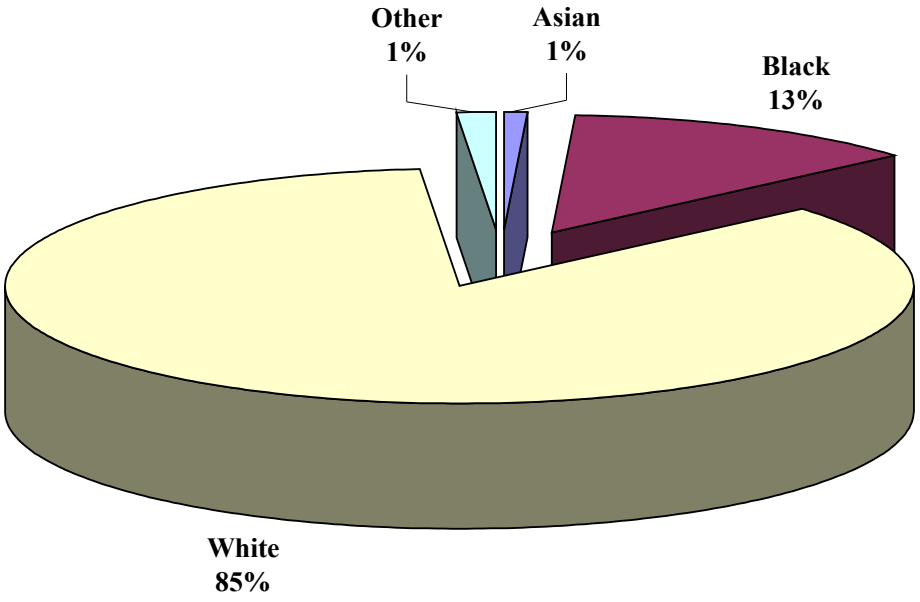


Figure 62. Proportion of Drug Caused Deaths by Manner of Death, 2005

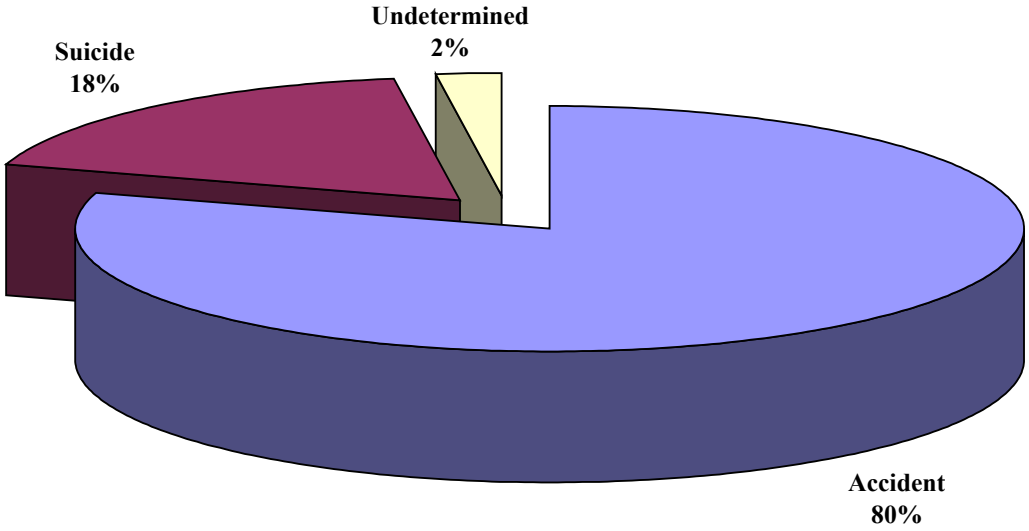


Figure 63. All Drug Caused Deaths Trend, 1999-2005

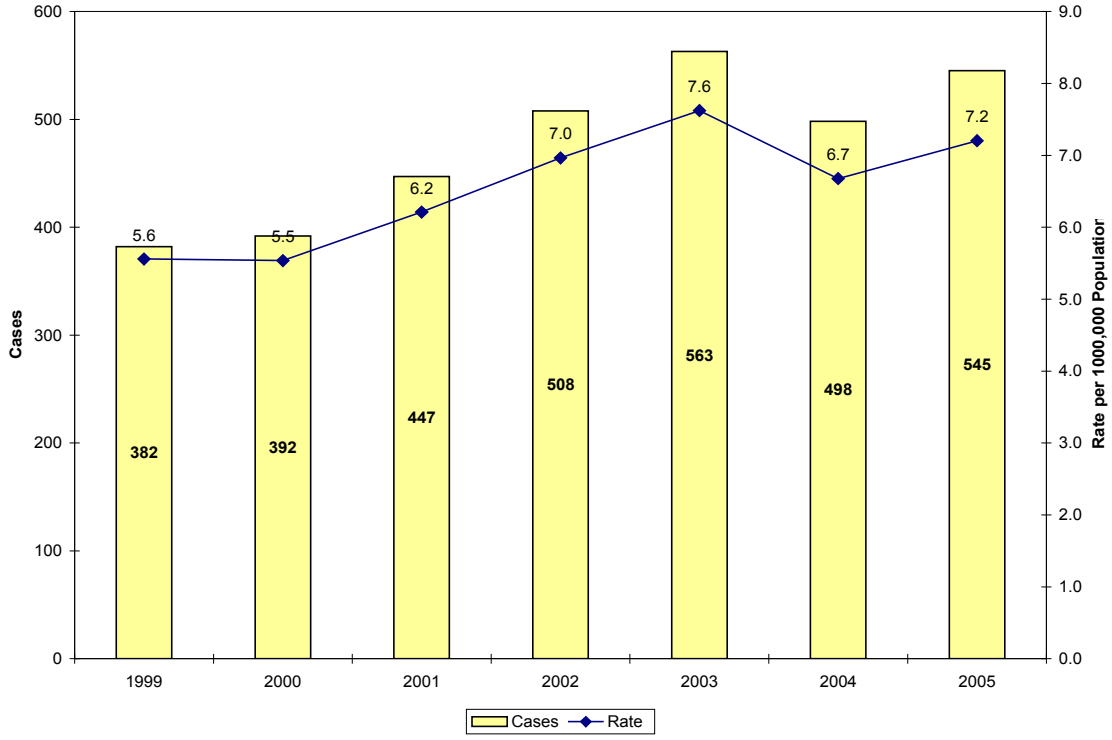
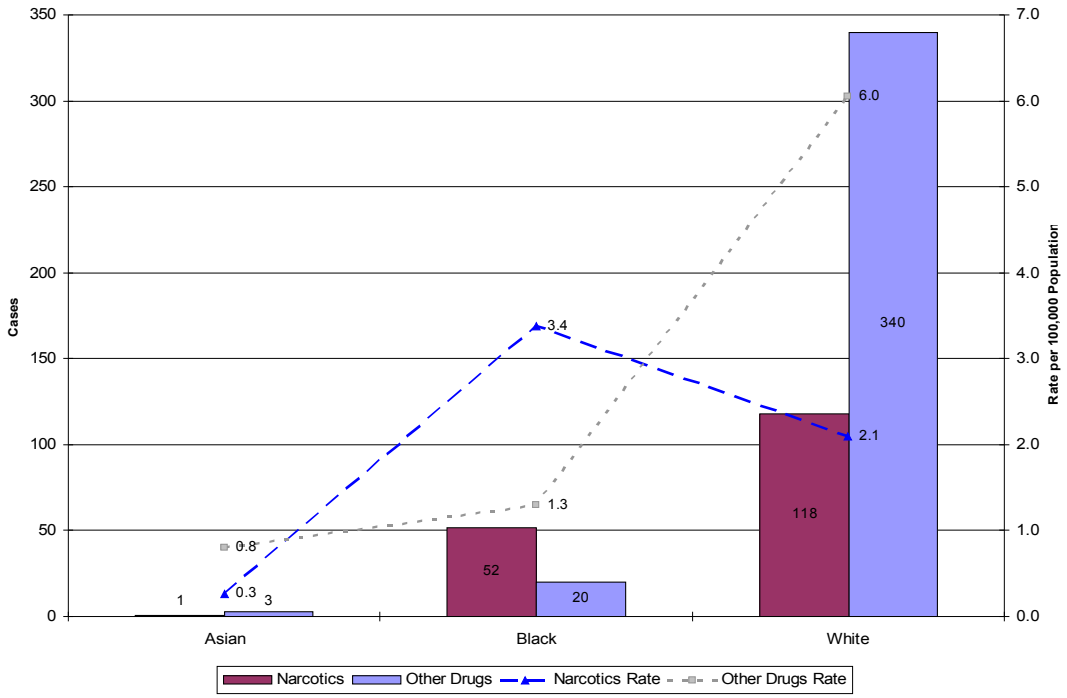
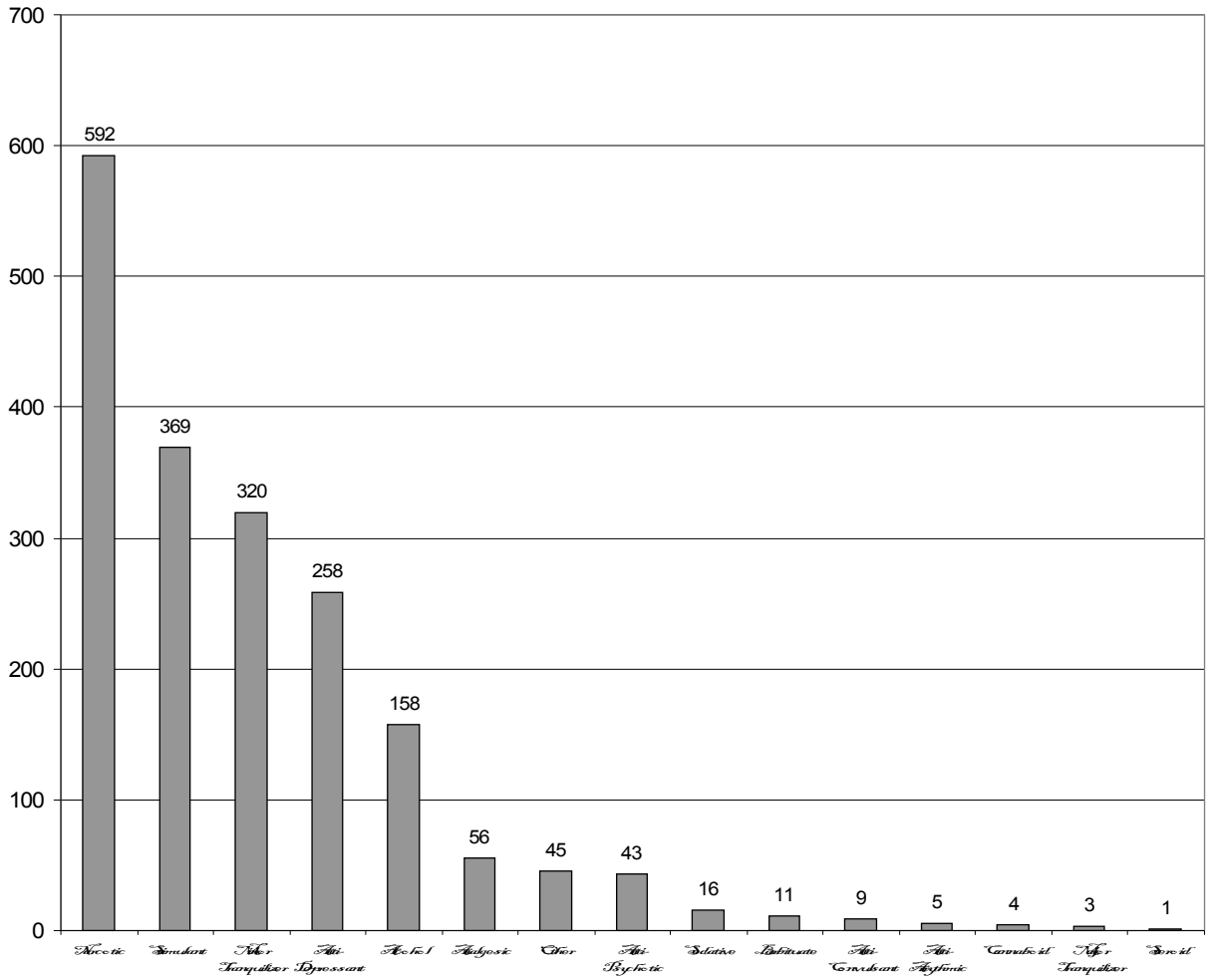


Figure 64. Narcotic-Caused or Other Drug-Caused* Deaths by Race, 2005



* Narcotic-caused drug deaths are those deaths that are primarily caused by an illicit drug (ex. cocaine, heroin, etc.) while Other-Drugs deaths are those drug caused deaths due to prescription medications, over-the counter, a mixture of the previous, or in combination with illicit drugs.

Figure 65. Class of Compounds of All Drugs Found* in Drug Caused Deaths, 2005



*All drugs found in drug-caused deaths are reported regardless if they attributed to the death.

Table 31. Drug Caused Deaths by Manner of Death by Age Group, 2005

	Manner of Death			
Age at Death	**Accident**	**Suicide**	**Undetermined**	**Total**
15-19	16	0	1	17
20-24	36	3	0	39
25-34	109	16	2	127
35-44	159	27	4	190
45-54	87	24	2	113
55-64	30	20	2	52
65-74	2	3	0	5
75-84	0	2	0	2
Total	**439**	**95**	**11**	**545**

Table 32. Drug Caused Deaths by Locality of Residence, 2005

Locality of Residence	Deaths	Rate*	Locality of Residence	Deaths	Rate*
ACCOMACK	1	2.5	LEE	8	33.8
ALBEMARLE	3	3.3	LOUDOUN	5	2.0
ALEXANDRIA	5	3.7	LOUISA	1	3.3
AMHERST	2	6.2	LYNCHBURG	4	6.0
ARLINGTON	5	2.6	MANASSAS	2	5.3
AUGUSTA	2	2.9	MARTINSVILLE	2	13.4
BEDFORD CITY	1	16.1	MATHEWS	1	10.9
BEDFORD	6	9.2	MECKLENBURG	2	6.1
BLAND	1	14.4	MONTGOMERY	14	16.6
BOTETOURT	3	9.4	NEWPORT NEWS	10	5.6
BRISTOL	4	23.1	NORFOLK	15	6.5
BRUNSWICK	2	11.2	NORTHUMBERLAND	1	7.8
BUCHANAN	11	44.4	NORTON	1	27.2
BUENA VISTA	1	15.5	PAGE	1	4.2
CAMPBELL	2	3.8	PATRICK	1	5.2
CARROLL	2	6.8	PETERSBURG	3	9.2
CHARLOTTE	1	8.1	PITTSYLVANIA	6	9.7
CHARLOTTESVILLE	1	2.5	POQUOSON	1	8.5
CHESAPEAKE	12	5.5	PORTSMOUTH	9	9.0
CHESTERFIELD	19	6.6	POWHATAN	2	7.5
CLARKE	2	14.1	PRINCE EDWARD	1	4.9
COLONIAL HEIGHTS	1	5.7	PRINCE GEORGE	2	5.4
CRAIG	1	19.4	PRINCE WILLIAM	19	5.5
CULPEPER	4	9.4	PULASKI	16	45.6
CUMBERLAND	1	10.7	RADFORD	2	13.7
DANVILLE	6	13.0	RICHMOND CITY	27	13.9
DICKENSON	6	36.9	ROANOKE CITY	13	14.0
ESSEX	1	9.5	ROANOKE	8	9.1
FAIRFAX	36	3.6	ROCKBRIDGE	1	4.7
FAUQUIER	3	4.6	ROCKINGHAM	2	2.8
FLOYD	1	6.8	RUSSELL	11	38.0
FLUVANNA	2	8.1	SALEM	2	8.1
FRANKLIN CITY	1	11.6	SHENANDOAH	2	5.1
FRANKLIN	8	15.9	SMYTH	6	18.4
FREDERICK	5	7.2	SOUTHAMPTON	1	5.7
FREDERICKSBURG	1	4.8	SPOTSYLVANIA	3	2.6
GILES	1	5.8	STAFFORD	2	1.7
GLOUCESTER	5	13.2	STAUNTON	1	4.3
GRAYSON	3	18.3	SUFFOLK	4	5.1
GREENE	1	5.7	SURRY	1	14.3
HALIFAX	5	13.8	TAZEWELL	15	33.5
HAMPTON	4	2.7	VIRGINIA BEACH	32	7.3
HANOVER	7	7.2	WARREN	2	5.6
HARRISONBURG	2	4.9	WASHINGTON	7	13.4
HENRICO	23	8.2	WAYNESBORO	7	32.9
HENRY	3	5.3	WESTMORELAND	1	5.8
HOPEWELL	1	4.4	WINCHESTER	3	11.9
JAMES CITY	3	5.2	WISE	10	23.8

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Locality of Residence	Deaths	Rate*	Locality of Residence	Deaths	Rate*
KING & QUEEN	1	14.7	WYTHE	2	7.0
KING WILLIAM	1	6.8	**TOTAL FOR STATE**	**514**	**6.8**
* Rate per 100,000 population			OUT OF STATE	31	ND**
**-ND-No Denominator			TOTAL	545	ND

Table 33. Drug/Physiologically Active Compounds Present in Decedents, 2005

Drug/Compound		Total
Alcohol		
	ETHANOL	156
	ISOPROPANOL	2
	Alcohol Total	**158**
Analgesic		
	ACETAMINOPHEN	20
	DEXTROMETHORPHAN	11
	IBUPROFEN	5
	NAPROXEN	1
	SALICYLATE	4
	TRAMADOL	15
	Analgesic Total	**56**
Anti-Arrythmic/Anti-Hypertensive		
	DILTIAZEM	1
	METOPROLOL	2
	VERAPAMIL	2
	Anti-Arrythmic/Anti-Hypertensive Subtotal	**5**
Anti-Convulsant		
	CARBAMAZEPINE	1
	CLONAZEPAM	2
	GABAPENTIN	1
	PHENYTOIN	3
	VALPROIC	2
	Anti-Convulsant Total	**9**
Anti-Depressant		
	AMITRIPTYLINE	37
	ATOMOXETINE	1
	BUPROPION (WELLBUTRIN)	16
	CITALOPRAM	42
	CLOMIPRAMINE	1
	DESALKYFLURAZEPAM	1
	DESIPRAMINE	3
	DOXEPIN	6
	FLUOXETINE	32
	FLUVOXAMINE	1
	IMIPRAMINE	3
	MIRTAZAPINE	7
	NORTRIPTYLINE	30

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Drug/Compound		Total
	OLANZAPINE	11
	PAROXETINE	10
	SERTRALINE	18
	TRAZODONE	15
	VENLAFAXINE	17
	ZOLPIDEM	7
	Anti-Depressant Total	**258**
Anti-Psychotic		
	PROMETHAZINE	19
	QUETIAPINE	23
	TRIFLUOPERAZINE	1
	Anti-Psychotic Total	**43**
Barbituate		
	BUTABARBITAL	1
	BUTALBITAL	7
	PHENOBARBITAL	3
	Anti-Barbituate Total	**11**
Cannaboid		
	TETRAHYDROCANNABINOL	4
	Cannaboid Total	**4**
Major Tranquilizer		
	KETAMINE	2
	TOPIRAMATE	1
	Major Tranquilizer Total	**3**
Minor Tranquilizer		
	ALPRAZOLAM	60
	CARISOPRODOL	15
	CHLORDIAZEPOXIDE	5
	DIAZEPAM	80
	DIPHENHYDRAMINE	43
	FLURAZEPAM	1
	LORAZEPAM	5
	MEPROBAMATE	17
	N-DESALKYFLURAZEPAM	3
	NORDIAZEPAM	79
	TEMAZEPAM	12
	Minor Tranquilizer Total	**320**
Narcotic		
	CODEINE	50
	FENTANYL	23
	HYDROCODONE	66
	HYDROMORPHONE	14
	MEPERIDINE	4
	METHADONE	128
	MORPHINE (including heroin)	150
	NORMEPERIDINE	1
	NORPROPOXYPHENE	17
	OXYCODONE	82
	OXYMORPHONE	29
	PROPOXYPHENE	28
	Narcotic Total	**592**

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Drug/Compound		Total
Other		
	ACETONE	4
	CHLORPHENIRAMINE	7
	CLOZAPINE	2
	DOXYLAMINE	8
	ETHYLENE GLYCOL	1
	FLUCONAZOLE	1
	HYDROXYZINE	5
	LAMOTRIGINE	8
	LIDOCAINE	3
	METAXALONE	1
	METHANOL	2
	METOCLOPRAMIDE	1
	PHENTERMINE	1
	QUININE	1
	Other Total	**45**
Sedative	CYCLOBENZAPRINE	16
	Sedative Total	**16**
Steroid	ANDROSTERONE	1
	Steroid Total	**1**
Stimulant	AMPHETAMINE	6
	BENZOYL ECGONINE	149
	COCAETHYLENE	33
	COCAINE	172
	EPHEDRINE	1
	METHAMPHETAMINE	4
	METHYLENEDIOXYAMPHETAMINE	2
	PARAMETHOXYAMPHETAMINE	1
	PARAMETHOXYMETAMPHETAMINE	1
	Stimulant Total	**369**
TOTAL		**1890**

Table 34. Drug Caused Deaths by Manner and Substance of Death, 2005

Manner of Death	Deaths
Accident	
Ethanol Poisoning	1
Narcotic Abuse	169
Substance Poisoning	269
Subtotal	**439**
Suicide	
Narcotic Abuse	6
Substance Poisoning	89
Subtotal	**95**
Undetermined	
Pneumonia (due to combined drug poisoning)	1
Narcotic Abuse	1
Substance Poisoning	9
Subtotal	**11**
Total	**545**

GLOSSARY

Accident – The *manner of death* used when, in other than *natural deaths*, there is no evidence of intent; an undesigned, sudden, and unexpected death

Assistant Chief Medical Examiner – A forensic pathologist who has the duty of performing autopsies and investigating deaths that fall under the *jurisdiction* of the *Office of the Chief Medical Examiner*, and determine *cause* and *manner of death*.

Autopsy – A detailed postmortem external and internal examination of a body to determine cause of death, collect evidence, determine the presence or absence of injury.

Cause of Death – The disease, injury, or poison that results in a physiological derangement or biochemical disturbance that is incompatible with life. The result 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*.

Chief Medical Examiner – The head of the *Office of the Chief Medical Examiner*. The Chief Medical Examiner must be a forensic pathologist licensed to practice medicine in Virginia and may appoint *Assistant Medical Examiners* who are forensic pathologists, and *Local Medical Examiners*.

Children – Individuals 17 years of age or younger.

County/City of Death – The county/city where the death occurred. The county/city where the decedent legally resided, the county/city where the decedent was fatally injured, and the county/city where the decedent died may be the same or different.

County/City of Residence – The county/city where a person legally resides. If not a resident of Virginia, the decedent is listed as "out of state".

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

Ethanol – An alcohol, which is the principal intoxicant in beer, liquor, and wine. A person with an alcohol concentration in blood of 0.08 percent by weight by volume (0.08%) is legally intoxicated in Virginia.

Ethanol Present – Deaths in which toxicological tests reveal a reportable level of *ethanol* (0.01% W/V or greater) at the time of death.

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 Chief Medical Examiner's authority over deaths. The OCME authority covers every death which is due or which might reasonably have been due to a violent or traumatic injury or accident, or is of public health interest which will be investigated by the Medical Examiner.

Local Medical Examiner – A physician appointed by the *Chief Medical Examiner* for a city or county to assist in the investigation of deaths and determine *jurisdiction* of the Office of the Chief Medical Examiner. There is a local medical examiner in most counties in Virginia.

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

Method of Death – The means, fatal agency or item causing death present at the time of injury or death.

Motor Vehicle Related Death – A death involving a motor vehicle. Motor vehicles include automobiles, vans, motorcycles, trucks, 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 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.

Office of the Chief Medical Examiner – The office in the Virginia Department of Health that is responsible for the investigation of sudden, violent, or unexpected death.

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

Stimulant – A class of drugs, including cocaine and oral and indictable amphetamines, whose principal action is the stimulation of the central nervous system.

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

Undetermined – The *manner of death* for deaths in which there is insufficient information to assign another manner. An undetermined death may have an undetermined cause of death & an unknown manner, an undetermined cause of death and a known manner, or a determined cause of death and an unknown manner.

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NORTHERN *Counties* of Arlington, Clarke, Culpeper, Fairfax, Fauquier, Frederick, Loudoun, Madison, Orange, Page, Prince William, Rappahannock, Shenandoah, and Warren. *Cities* of Alexandria, Arlington, Fairfax, Falls Church, Manassas, Manassas Park, and Winchester.

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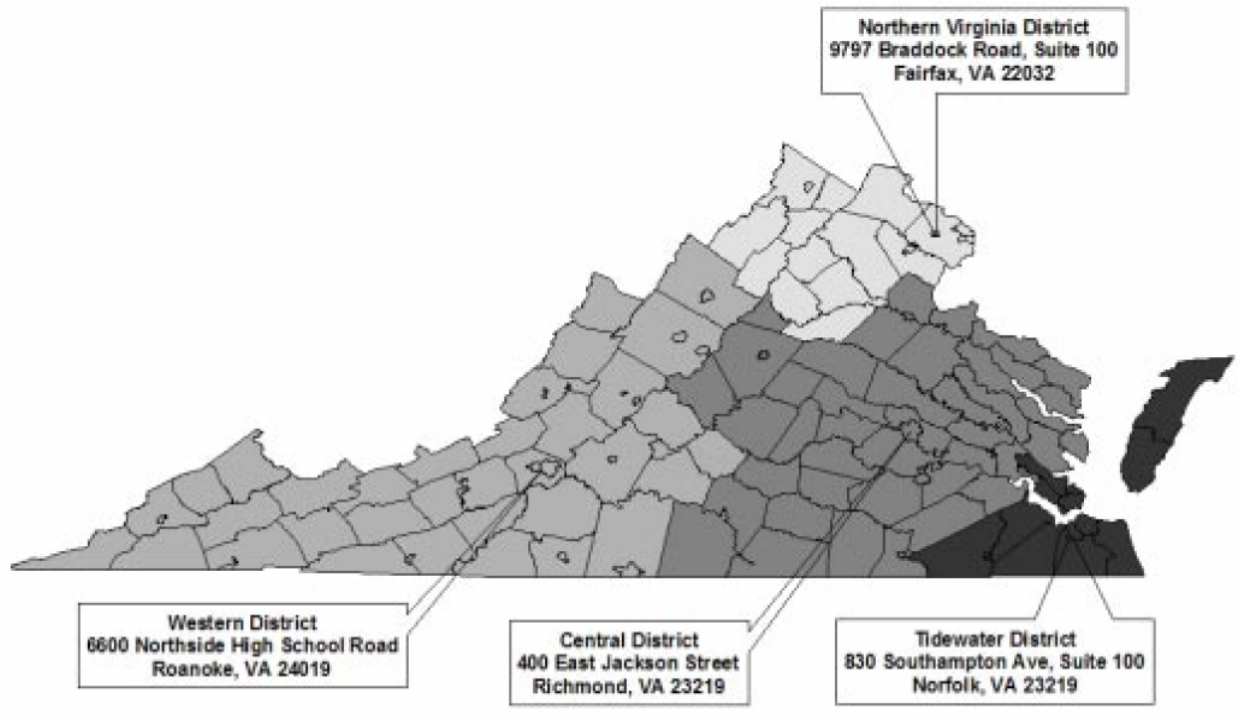

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Commonwealth of Virginia
Virginia Department of Health
Office of the Chief Medical Examiner
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Richmond, VA 23219
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