

NORTH CAROLINA

Violent Death  
Reporting System  
November 2009

Trends Report 2004 - 2007

North Carolina  
Injury & Violence  
**PREVENTION** Branch

Division of Public Health

North Carolina Department of Health and Human Services

## Background and Acknowledgements

The North Carolina Violent Death Reporting System (NC-VDRS) is a CDC-funded state-wide surveillance system that collects detailed information on deaths that occur in N.C. resulting from violence: homicide, suicide, unintentional firearm deaths, legal intervention, and deaths for which intent could not be determined. NC-VDRS is a multi-source system that gathers information from death certificates, medical examiner reports, and law enforcement reports. The goal of this system is to aid researchers, legislators, and community interest groups in the development of public health prevention strategies to reduce violent deaths. NC-VDRS began collecting data in January, 2004. This document summarizes findings from N.C. that occurred between 2004 and 2007.

An Annual Report for 2007 will be completed by summer of 2010. Additional special reports will be made throughout the year. More information can be found at:  
[www.injuryfreenc.ncdhhs.gov/About/ncVDRS.htm](http://www.injuryfreenc.ncdhhs.gov/About/ncVDRS.htm)

The task of locating, abstracting, entering, and evaluating the data that are used to create the NC-VDRS is challenging, time consuming and difficult. The extent and quality of the data in this report are the direct result of the dedication of the NC-VDRS staff: Tammy Norwood, Program Manager, and Susan Autry and Pat Jones, Statistical Research Assistants.

Thanks to Sharon Schiro for the analysis and programming of the NC-VDRS data and Becca Byrd for the formatting and updating of this report.

Three advisory groups provided assistance to us during 2007. The leadership of these advisory groups formed the Board Leadership & Evaluation Team (BLET). Members of the BLET for 2007 were Tamera Coyne-Beasley, Kay Sanford, Phillip J. Cook, Sandra Martin, Steve Marshall and Anna Waller.

We acknowledge the assistance and on-going support of the N.C. State Center for Health Statistics, the N.C. Office of the Chief Medical Examiner, and the N.C. State Bureau of Investigation, as well as the many local law enforcement agencies throughout N.C. that have provided information to the NC-VDRS.

This report was supported in part by Cooperative Agreement Number 5U17CE423098-07 from the Centers for Disease Control and Prevention. Its contents are solely the responsibility of the authors and do not necessarily represent official views of the Centers for Disease Control and Prevention.

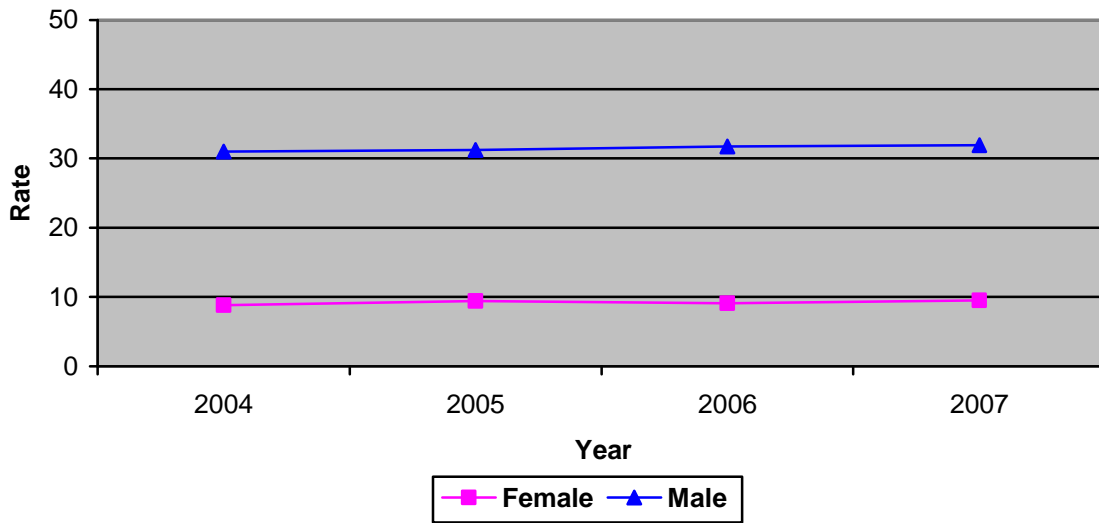
## SECTION I: OVERALL

**Overall: Gender, Race, and Age Group of Violent Death Victims in N.C.  
2004 - 2007**

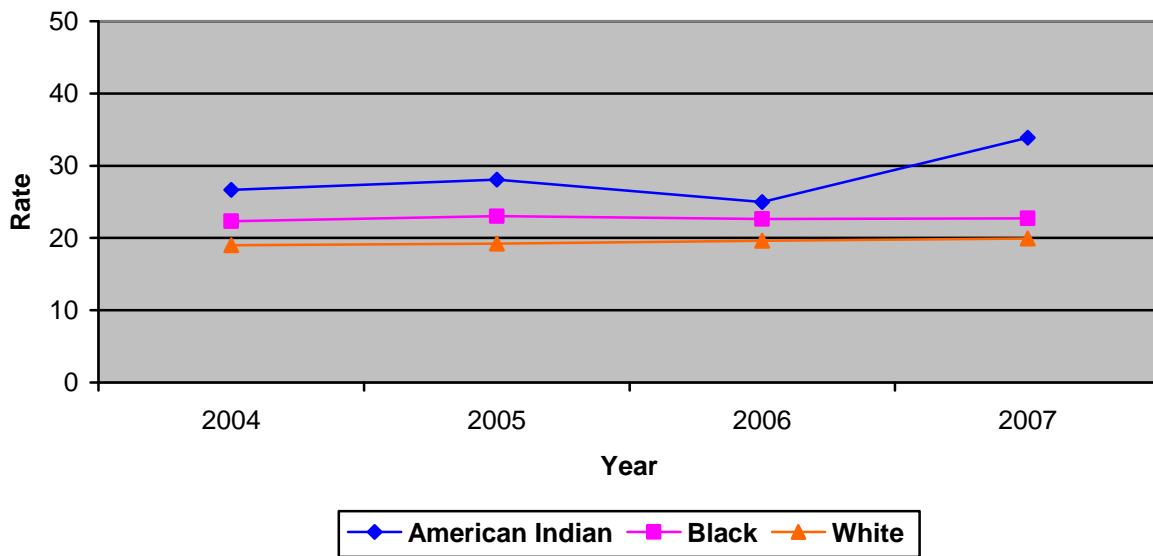
		Number 2004	Rate 2004	CI 2004	Number 2005	Rate 2005	CI 2005	Number 2006	Rate 2006	CI 2006	Number 2007	Rate 2007	CI 2007
<b>Gender</b>													
	Female	384	8.8	7.9 - 9.7	416	9.4	8.5 - 10.3	412	9.1	8.2 - 10	439	9.5	8.6 - 10.4
	Male	1,294	31	29.3 - 32.7	1,321	31.2	29.5 - 32.9	1,373	31.7	30 - 33.4	1,408	31.9	30.2 - 33.6
<b>Race</b>													
	American Indian	30	26.7	17.1 - 36.3	32	28.1	18.4 - 37.8	29	25	15.9 - 34.1	40	33.9	23.4 - 44.4
	Asian	13	8.2	3.8 - 12.6	18	10.8	5.8 - 15.8	12	6.8	2.9 - 10.7	10	5.4	2.1 - 8.7
	Black	418	22.3	20.2 - 24.4	438	23	20.8 - 25.2	440	22.6	20.5 - 24.7	452	22.7	20.6 - 24.8
	Pacific Islander	0			1	*	*	1	*	*	0		
	White	1,211	19	17.9 - 20.1	1,245	19.2	18.1 - 20.3	1,297	19.6	18.5 - 20.7	1,343	19.9	18.8 - 21
	Other	4	*	*	3	*	*	4	*	*	0		
	Unknown	2	*	*	0			2	*	*	2	*	*
<b>Hispanic</b>													
	Hispanic	62	12.2	9.2 - 15.2	86	15.7	12.4 - 19	88	14.9	11.8 - 18	117	18.4	15.1 - 21.7
	Non-Hispanic	1,616	20.2	19.2 - 21.2	1,650	20.3	19.3 - 21.3	1,697	20.6	19.6 - 21.6	1,730	20.6	19.6 - 21.6
	Unknown	0			1	*	*	0			0		
<b>Age Group</b>													
	< 1	12	10.1	4.4 - 15.8	22	18.1	10.5 - 25.7	17	13.5	7.1 - 19.9	13	9.7	4.4 - 15
	1 - 4	16	3.4	1.7 - 5.1	15	3.1	1.5 - 4.7	13	2.7	1.2 - 4.2	10	2	0.8 - 3.2
	5 - 9	2	*	*	6	1.1	0.3 - 1.9	9	1.5	0.5 - 2.5	7	1.2	0.3 - 2.1
	10 - 14	24	4.1	2.5 - 5.7	17	2.9	1.5 - 4.3	14	2.4	1.2 - 3.6	20	3.4	1.9 - 4.9
	15 - 19	87	15.2	12 - 18.4	103	17.5	14.1 - 20.9	112	18.5	15.1 - 21.9	106	17.1	13.8 - 20.4
	20 - 24	192	32.4	27.8 - 37	191	32.2	27.6 - 36.8	213	35.1	30.4 - 39.8	205	33.6	29 - 38.2
	25 - 34	346	28.6	25.6 - 31.6	315	26.1	23.2 - 29	312	25.7	22.8 - 28.6	344	28.3	25.3 - 31.3
	35 - 44	371	28.7	25.8 - 31.6	343	26.3	23.5 - 29.1	356	27	24.2 - 29.8	379	28.3	25.4 - 31.2
	45 - 54	267	22.2	19.5 - 24.9	334	27.1	24.2 - 30	350	27.7	24.8 - 30.6	317	24.4	21.7 - 27.1
	55 - 64	164	18.5	15.7 - 21.3	172	18.5	15.7 - 21.3	187	19.2	16.4 - 22	223	21.8	18.9 - 24.7
	65 - 74	99	18	14.5 - 21.5	116	20.7	16.9 - 24.5	112	19.5	15.9 - 23.1	119	20.1	16.5 - 23.7
	75 - 84	74	20.6	15.9 - 25.3	79	21.7	16.9 - 26.5	64	17.5	13.2 - 21.8	81	21.9	17.1 - 26.7
	85 +	24	19.6	11.8 - 27.4	24	18.7	11.2 - 26.2	26	19.2	11.8 - 26.6	23	16.2	9.6 - 22.8
<b>Total Deaths</b>		<b>1,678</b>	<b>19.7</b>	<b>18.8 - 20.6</b>	<b>1,737</b>	<b>20.1</b>	<b>19.2 - 21</b>	<b>1,785</b>	<b>20.2</b>	<b>19.3 - 21.1</b>	<b>1,847</b>	<b>20.4</b>	<b>19.5 - 21.3</b>

\* The number of deaths was zero or too small to support the calculation of a rate.

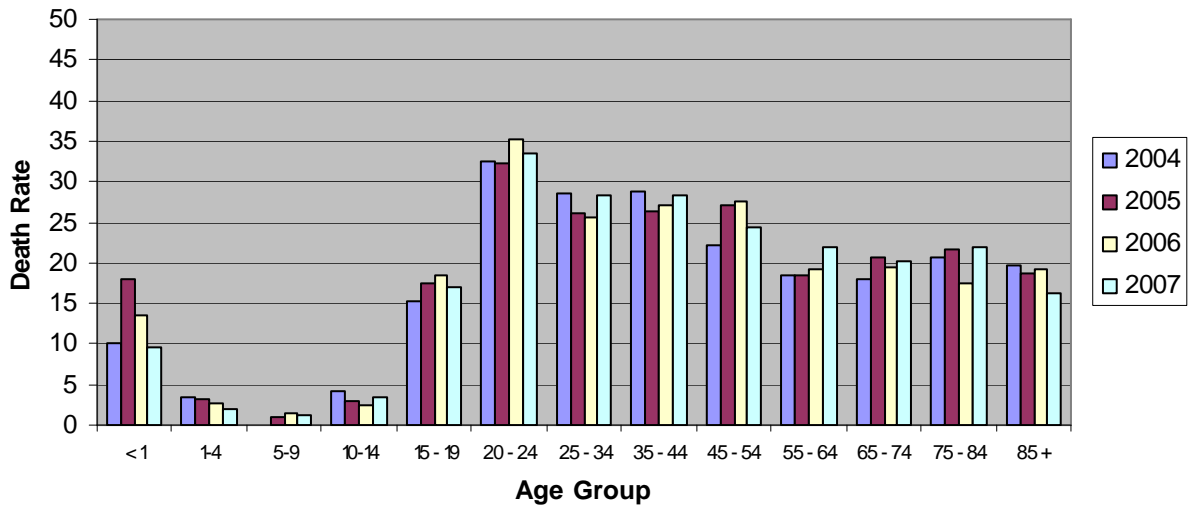
**Overall: Gender of Violent Death Victims in N.C.  
2004 - 2007**



**Overall: Race of Violent Death Victims in N.C. 2004 - 2007**



### Overall: Age Group of Violent Death Victims in N.C. 2004 - 2007



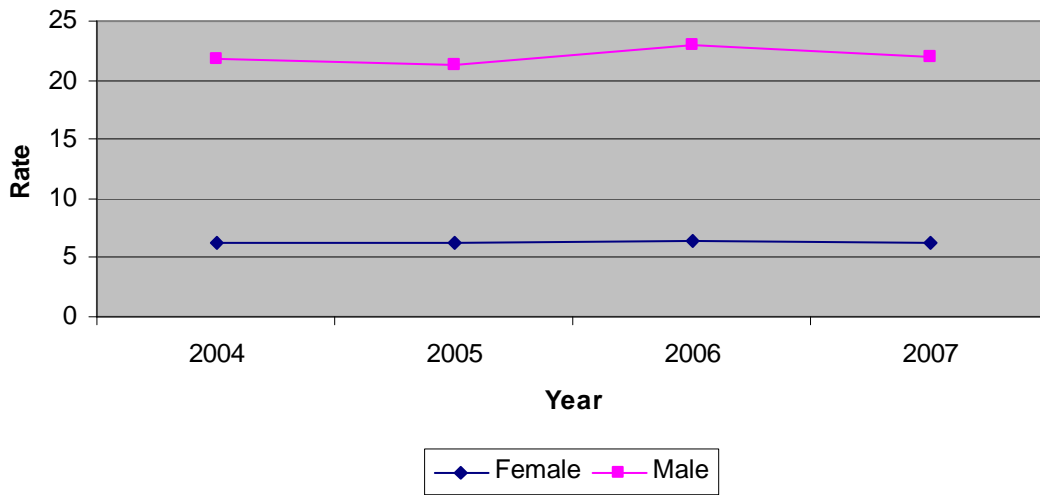
## SECTION II: SUICIDE

**Suicide: Gender, Race, and Age Group of Violent Death Victims in N.C.  
2004 - 2007**

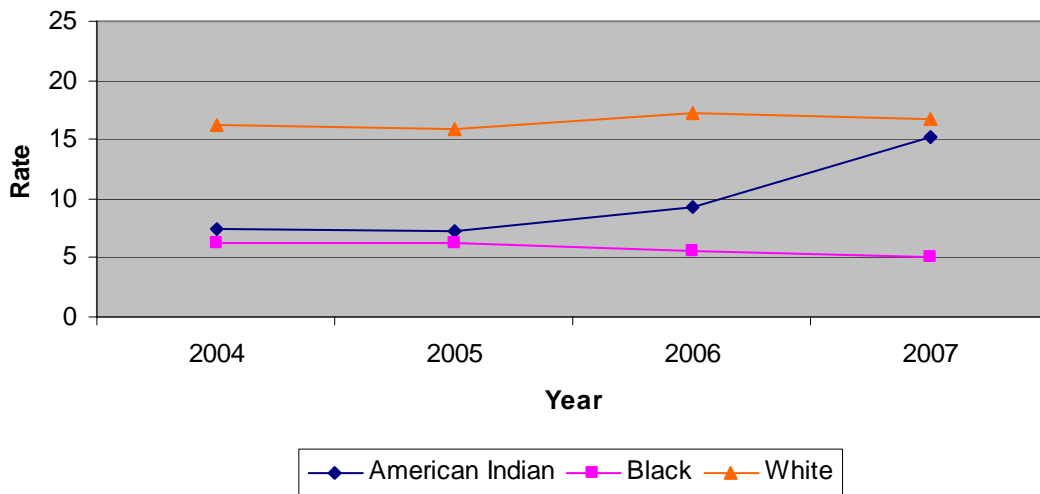
		Number 2004	Rate 2004	CI 2004	Number 2005	Rate 2005	CI 2005	Number 2006	Rate 2006	CI 2006	Number 2007	Rate 2007	CI 2007
<b>Gender</b>													
	Female	234	6.2	5.4 - 7.0	238	6.2	5.4 - 7.0	251	6.4	5.6 - 7.2	254	6.3	5.5 - 7.1
	Male	783	21.8	20.3 - 23.3	770	21.2	19.7 - 22.7	855	23	21.5 - 24.5	831	22	20.5 - 23.5
<b>Race</b>													
	American Indian	7	7.5	2.0 - 13.0	7	7.3	1.9 - 12.7	9	9.3	3.2 - 15.4	15	15.2	7.5 - 22.9
	Asian	8	6	1.8 - 10.2	8	5.8	1.8 - 9.8	8	5.5	1.7 - 9.3	5	3.2	0.4 - 6.0
	Black	99	6.2	5.0 - 7.4	100	6.2	5.0 - 7.4	93	5.6	4.5 - 6.7	84	5	3.9 - 6.1
	Pacific Islander	0			0			1	*	*	0		
	White	901	16.2	15.1 - 17.3	893	15.8	14.8 - 16.8	994	17.3	16.2 - 18.4	980	16.7	15.7 - 17.7
	Other	2	*	*	0			0			0		
	Unknown	0			0			1	*	*	1	*	*
<b>Hispanic</b>													
	Hispanic	22	5.7	3.3 - 8.1	17	4.2	2.2 - 6.2	26	6	3.7 - 8.3	31	6.7	4.3 - 9.1
	Non-Hispanic	995	14.2	13.3 - 15.1	991	14	13.1 - 14.9	1,080	15	14.1 - 15.9	1,054	14.4	13.5 - 15.3
<b>Age Group</b>													
	10 - 14	9	1.5	0.5 - 2.5	7	1.2	0.3 - 2.1	7	1.2	0.3 - 2.1	7	1.2	0.3 - 2.1
	15 - 19	46	8.1	5.8 - 10.4	38	6.5	4.4 - 8.6	47	7.8	5.6 - 10.0	43	6.9	4.8 - 9.0
	20 - 24	82	13.8	10.8 - 16.8	76	12.8	9.9 - 15.7	101	16.7	13.4 - 20.0	82	13.4	10.5 - 16.3
	25 - 34	179	14.8	12.6 - 17	142	11.8	9.9 - 13.7	156	12.9	10.9 - 14.9	155	12.7	10.7 - 14.7
	35 - 44	243	18.8	16.4 - 21.2	210	16.1	13.9 - 18.3	215	16.3	14.1 - 18.5	234	17.5	15.3 - 19.7
	45 - 54	175	14.6	12.4 - 16.8	228	18.5	16.1 - 20.9	265	21	18.5 - 23.5	214	16.5	14.3 - 18.7
	55 - 64	120	13.5	11.1 - 15.9	126	13.5	11.1 - 15.9	142	14.6	12.2 - 17.0	171	16.7	14.2 - 19.2
	65 - 74	79	14.3	11.1 - 17.5	94	16.8	13.4 - 20.2	91	15.8	12.5 - 19.1	96	16.2	13.0 - 19.4
	75 - 84	62	17.3	13.0 - 21.6	65	17.9	13.6 - 22.2	57	15.5	11.5 - 19.5	64	17.3	13.1 - 21.5
	85 +	22	17.9	10.4 - 25.4	22	17.1	9.9 - 24.3	25	18.5	11.3 - 25.7	19	13.4	7.4 - 19.4
<b>Total Deaths</b>		<b>1,017</b>	<b>13.8</b>	<b>13 - 14.6</b>	<b>1,008</b>	<b>13.5</b>	<b>12.7 - 14.3</b>	<b>1,106</b>	<b>14.5</b>	<b>13.6 - 15.4</b>	<b>1,085</b>	<b>13.9</b>	<b>13.1 - 14.7</b>

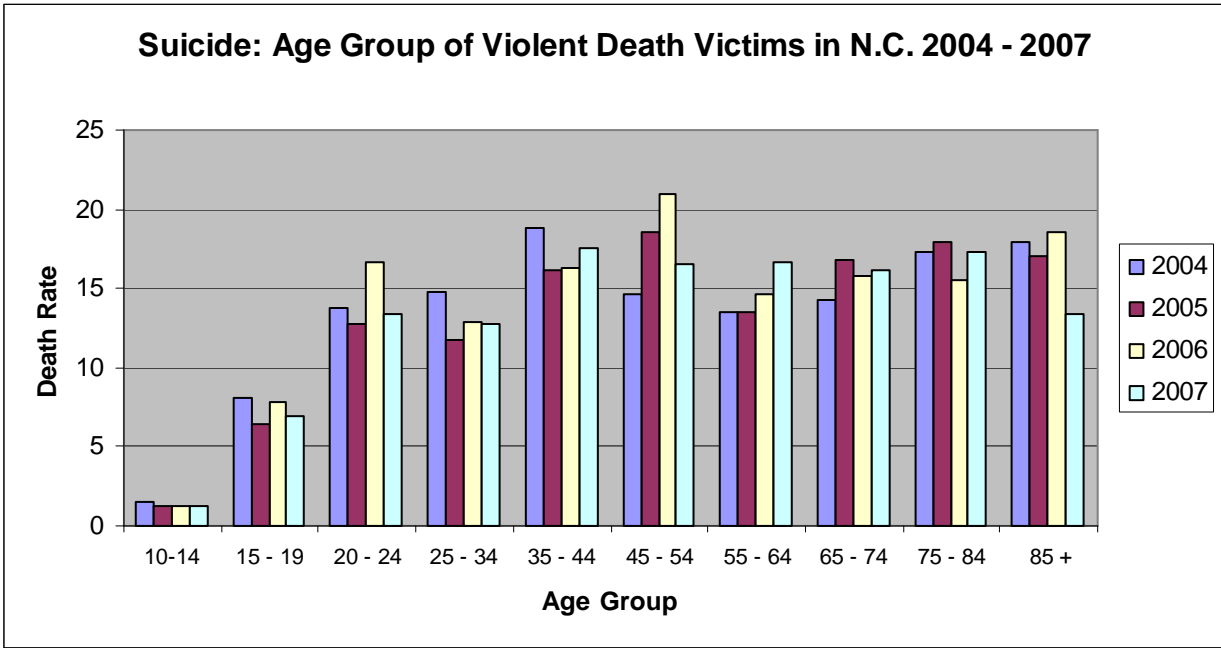
\* The number of deaths was zero or too small to support the calculation of a rate.

**Suicide: Gender of Violent Death Victims in N.C.  
2004 - 2007**



**Suicide: Race of Violent Death Victims in N.C.  
2004 - 2007**







## SECTION III: HOMICIDE

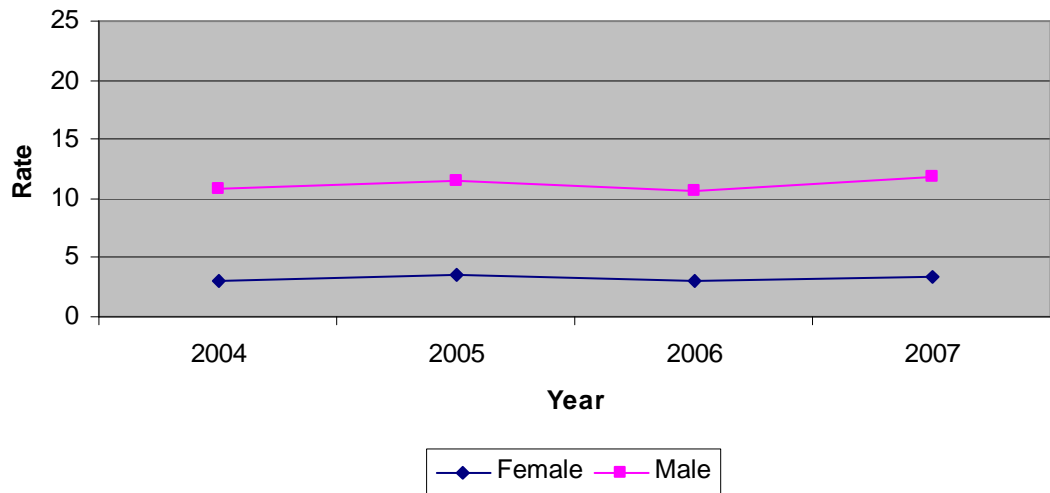
### Homicide: Gender, Race, and Age Group of Violent Death Victims in N.C.

2004 - 2007

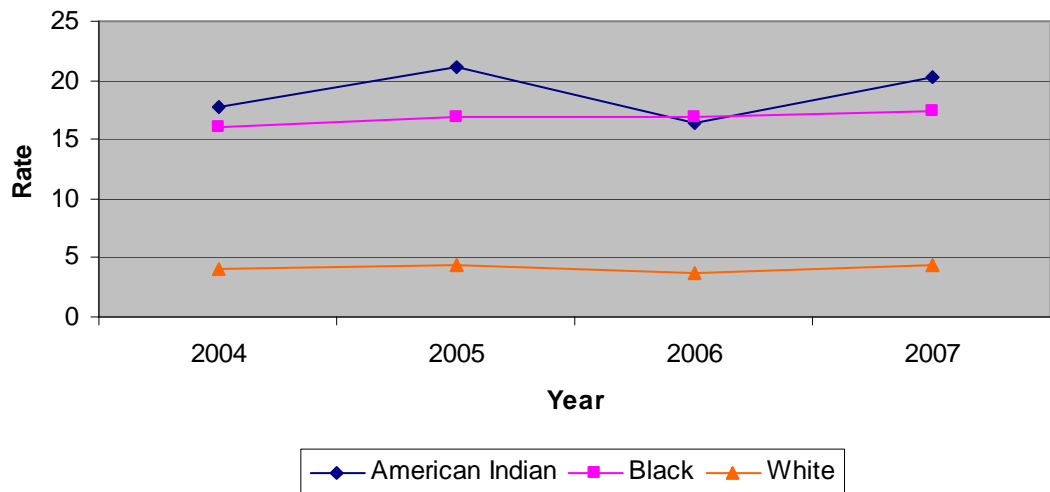
	Number 2004	Rate 2004	CI 2004	Number 2005	Rate 2005	CI 2005	Number 2006	Rate 2006	CI 2006	Number 2007	Rate 2007	CI 2007
<b>Gender</b>												
Female	135	3.1	2.6 - 3.6	157	3.5	2.9 - 4.1	138	3.1	2.6 - 3.6	152	3.3	2.8 - 3.8
Male	451	10.8	9.8 - 11.8	489	11.5	10.5 - 12.5	461	10.6	9.6 - 11.6	523	11.8	10.8 - 12.8
<b>Race</b>												
American Indian	20	17.8	10.0 - 25.6	24	21.1	12.7 - 29.5	19	16.4	9.0 - 23.8	24	20.3	12.2 - 28.4
Asian	5	3.1	0.3 - 5.9	9	5.4	1.9 - 8.9	4	*	*	5	2.7	0.3 - 5.1
Black	301	16	14.2 - 17.8	322	16.9	15.1 - 18.7	329	16.9	15.1 - 18.7	345	17.4	15.6 - 19.2
White	257	4	3.5 - 4.5	288	4.4	3.9 - 4.9	242	3.7	3.2 - 4.2	300	4.4	3.9 - 4.9
Other	2	*	*	3	*	*	4	*	*	0		
Unknown	1	*	*	0			1	*	*	1	*	*
<b>Hispanic</b>												
Hispanic	38	7.5	5.1 - 9.9	68	12.4	9.4 - 15.4	61	10.3	7.7 - 12.9	83	13	10.2 - 15.8
Non-Hispanic	548	6.8	6.2 - 7.4	578	7.1	6.5 - 7.7	538	6.5	5.9 - 7.1	592	7	6.4 - 7.6
<b>Age Group</b>												
< 1	12	10.1	4.4 - 15.8	22	18.1	10.5 - 25.7	17	13.5	7.1 - 19.9	13	9.7	4.4 - 15
1 - 4	14	3	1.4 - 4.6	13	2.7	1.2 - 4.2	10	2.1	0.8 - 3.4	10	2	0.8 - 3.2
5 - 9	1	*	*	2	*	*	7	1.2	0.3 - 2.1	4	*	*
10 - 14	13	2.2	1.0 - 3.4	8	1.4	0.5 - 2.3	6	1	0.2 - 1.8	10	1.7	0.7 - 2.7
15 - 19	36	6.3	4.2 - 8.4	60	10.2	7.6 - 12.8	56	9.3	6.9 - 11.7	58	9.3	6.9 - 11.7
20 - 24	101	17	13.7 - 20.3	111	18.7	15.2 - 22.2	104	17.2	13.9 - 20.5	116	19	15.5 - 22.5
25 - 34	156	12.9	10.9 - 14.9	158	13.1	11.1 - 15.1	146	12	10.0 - 14.0	178	14.6	12.4 - 16.8
35 - 44	108	8.3	6.7 - 9.9	119	9.1	7.5 - 10.7	126	9.5	7.8 - 11.2	125	9.3	7.7 - 10.9
45 - 54	75	6.2	4.8 - 7.6	86	7	5.5 - 8.5	63	5	3.8 - 6.2	85	6.5	5.1 - 7.9
55 - 64	37	4.2	2.9 - 5.5	33	3.5	2.3 - 4.7	39	4	2.7 - 5.3	40	3.9	2.7 - 5.1
65 - 74	19	3.4	1.8 - 5.0	19	3.4	1.9 - 4.9	18	3.1	1.7 - 4.5	20	3.4	1.9 - 4.9
75 - 84	12	3.3	1.4 - 5.2	13	3.6	1.7 - 5.5	6	1.6	0.3 - 2.9	13	3.5	1.6 - 5.4
85 +	2	*	*	2	*	*	1	*	*	3	*	*
<b>Total Deaths</b>	586	6.9	6.3 - 7.5	646	7.5	6.9 - 8.1	599	6.8	6.3 - 7.3	675	7.5	6.9 - 8.1

\* The number of deaths was zero or too small to support the calculation of a rate.

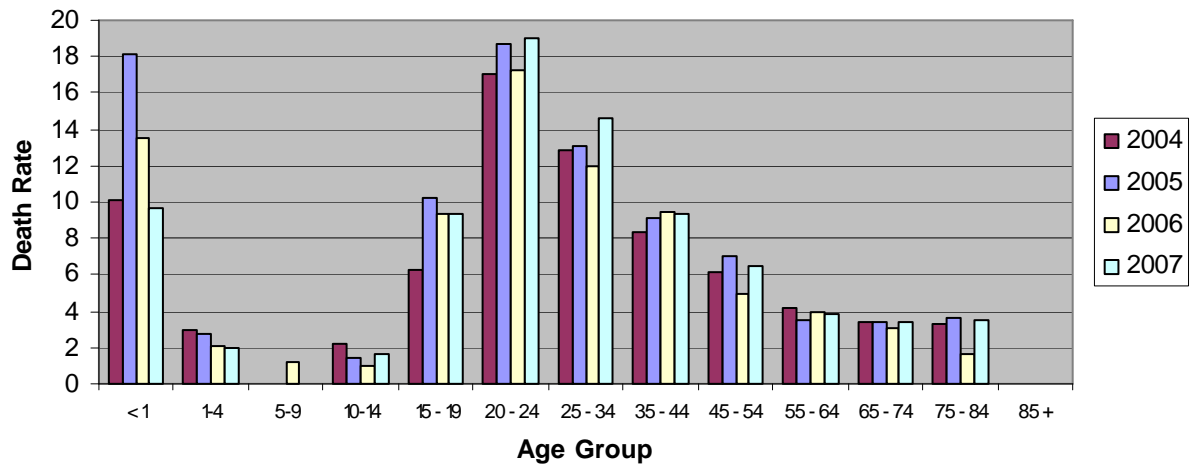
**Homicide: Gender of Violent Death Victims in N.C.  
2004 - 2007**



**Homicide: Race of Violent Death Victims in N.C.  
2004 - 2007**



### Homicide: Age Group of Violent Death Victims in N.C. 2004 - 2007



## **GLOSSARY**

Adult	Person was 18 years of age or older on date of death.
Child	Person was less than 18 years of age on date of death.
Legal intervention	Decedent was killed by a police officer or some other peace officer, including military police, acting in the line of duty. Includes legal executions.
Occurrent death	Death occurred in NC. Decedent may or may not have been a NC resident at the time of death.
Peace officer	Person with specified legal authority to use deadly force.
Rates	Calculated as count x 100,000/population.
Resident death	Victim was a NC resident at the time of death and the death occurred in NC. All deaths reported in this report are resident deaths.
Undetermined intent	A death resulting from the use of force or power against oneself or another person for which the evidence indicating the manner of death was not sufficient to determine intent.
Violent death	Intentional use of physical force or power against oneself, another person, or against a group or community. Deaths meeting this definition include suicides, homicides, and legal interventions.



State of North Carolina • Beverly Eaves Perdue, Governor  
Department of Health and Human Services  
Lanier M. Cansler, Secretary  
Division of Public Health • Jeffrey P. Engel, State Health Director  
Injury and Violence Prevention Branch

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