

State Injury Profile for South Carolina

The CDC State Injury Profiles

Gathering and sharing reliable data about the broad range of public health problems is among the many ways the Centers for Disease Control and Prevention protect the safety and health of Americans.

Policy makers and health care workers need access to the best, most current data available so they can make informed decisions about where to allocate limited resources to prevent diseases and injuries. Yet, many people find statistics difficult to understand and interpret. This State Injury Profile offers an easier way to look at statistics. Through maps and graphs, the Profile clearly shows how this state compares with others in the nation and what injury problems are most pressing.

CDC's National Center for Injury Prevention and Control gathers data about a broad range of intentional and unintentional injuries or what many people call 'violence' and 'accidents.' Injuries affect everyone. Injury is the leading cause of death for all Americans ages one to 34, and injury remains one of the leading causes of death, no matter how long someone may live.

Maps and graphs in this State Injury Profile show this state's death rates from in falls, poisoning, drowning, suffocation, fires and burns, suicide, homicide, traumatic brain injury and injuries related to firearms. The graphics show how this state compares with others and with mortality rates in the United States as a whole. You will also find a table showing the Ten Leading Causes of Death for the United States and for this state. **New this year** is a county-by-county map showing locations with higher death rates for each type of injury.

In addition to injury data, you'll also find a list of all CDC-funded injury prevention and research programs in this state for 2001.

DEPARTMENT OF HEALTH AND HUMAN SERVICES

Centers for Disease Control and Prevention
National Center for Injury Prevention and Control

To learn more

After you page through the State Injury Profile, if you want to know more, CDC has made it easy for you to find additional information about any injury and public health. Simply visit www.cdc.gov/ncipc. Or call the CDC National Center for Injury Prevention and Control, Office of Planning, Evaluation and Legislation at 1-770-488-4936.

These other resources offered or funded by the CDC may also interest you:

General information about injury in America

Customized data reports, www.cdc.gov/ncipc/wisqars

Consumer facts and tip sheets, www.cdc.gov/ncipc/safeusa or call the SafeUSA hotline toll free at 1-800-252-7751.

Intentional Injury

National Resource Center on Domestic Violence, 1-800-537-2238

National Sexual Violence Resource Center, www.nsvrc.org, or call 1-877-739-3895

National Violence Against Women Prevention Research Center, www.violenceagainstwomen.org, or call 1-843-792-2945

National Youth Violence Prevention Resource Center, www.safeyouth.org, or call 1-866-SAFEYOUTH (723-3968)

Violence Against Women Electronic Network (VAWnet), www.vawnet.org, or call 1-800-537-2238

Unintentional Injury

National Program for Playground Safety, www.uni.edu/playground, or call 1-800-554-PLAY (7529)

National Resource Center on Aging and Injury, www.nrcai.org or call 1-619-594-0986

State Injury Profile for South Carolina 1989-1998

SAFER·HEALTHIER·PEOPLE™

United States

10 Leading Causes of Deaths by Age Group: 1996-1998

Rank	Age Groups										Total
	<1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	
1	Congenital Anomalies 18,771	Unintentional Injuries 6,087	Unintentional Injuries 4,666	Unintentional Injuries 5,392	Unintentional Injuries 40,525	Unintentional Injuries 37,468	Malignant Neoplasms 51,170	Malignant Neoplasms 135,803	Malignant Neoplasms 260,166	Heart Disease 1,824,785	Heart Disease 2,185,194
2	Short Gestation 11,928	Congenital Anomalies 1,791	Malignant Neoplasms 1,557	Malignant Neoplasms 1,514	Homicide 18,200	Suicide 16,898	Unintentional Injuries 43,925	Heart Disease 105,367	Heart Disease 198,361	Malignant Neoplasms 1,150,087	Malignant Neoplasms 1,620,642
3	SIDS 8,863	Malignant Neoplasms 1,227	Congenital Anomalies 662	Suicide 918	Suicide 12,679	Homicide 15,068	Heart Disease 40,037	Unintentional Injuries 31,208	Bronchitis Emphysema Asthma 30,317	Cerebro-vascular 419,998	Cerebro-vascular 478,181
4	Respiratory Distress Synd. 3,958	Homicide 1,194	Homicide 523	Homicide 908	Malignant Neoplasms 4,976	HIV 14,953	HIV 26,456	Cerebro-vascular 17,196	Cerebro-vascular 29,005	Bronchitis Emphysema Asthma 283,777	Bronchitis Emphysema Asthma 327,640
5	Maternal Complications 3,836	Heart Disease 643	Heart Disease 413	Congenital Anomalies 613	Heart Disease 3,124	Malignant Neoplasms 13,837	Suicide 20,308	Liver Disease 16,797	Diabetes 25,504	Pneumonia & Influenza 235,529	Unintentional Injuries 288,427
6	Placenta Cord Membranes 2,870	Pneumonia & Influenza 494	Pneumonia & Influenza 218	Heart Disease 560	Congenital Anomalies 1,252	Heart Disease 9,843	Homicide 11,138	Suicide 14,916	Unintentional Injuries 21,316	Diabetes 142,639	Pneumonia & Influenza 262,047
7	Perinatal Infections 2,348	Septicemia 245	HIV 194	Bronchitis Emphysema Asthma 287	HIV 883	Cerebro-vascular 2,068	Liver Disease 10,518	Diabetes 12,979	Liver Disease 15,844	Unintentional Injuries 95,191	Diabetes 189,154
8	Unintentional Injuries 2,323	HIV 233	Bronchitis Emphysema Asthma 159	Pneumonia & Influenza 180	Bronchitis Emphysema Asthma 677	Diabetes 1,903	Cerebro-vascular 8,159	HIV 12,892	Pneumonia & Influenza 11,228	Alzheimer's Disease 65,647	Suicide 92,013
9	Pneumonia & Influenza 1,358	Perinatal Period 210	Benign Neoplasms 134	Cerebro-vascular 140	Pneumonia & Influenza 638	Pneumonia & Influenza 1,633	Diabetes 5,622	Bronchitis Emphysema Asthma 8,467	Suicide 8,834	Nephritis 65,296	Nephritis 75,817
10	Intrauterine Hypoxia 1,341	Benign Neoplasms 188	Cerebro-vascular 102	HIV 139	Cerebro-vascular 533	Liver Disease 1,592	Pneumonia & Influenza 4,255	Pneumonia & Influenza 6,493	Septicemia 5,704	Septicemia 54,428	Liver Disease 75,414

United States Total Number of Injury Deaths

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Unintentional Injury	288,427	65.6%
Intentional	151,102	34.4%
Total (1996-1998)	439,529	100.0%

Average Number of Injury Deaths per Year
In the United States = **146,510**

South Carolina

10 Leading Causes of Deaths by Age Group: 1996-1998

Rank	Age Groups										
	<1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	Total
1	Congenital Anomalies 274	Unintentional Injuries 105	Unintentional Injuries 98	Unintentional Injuries 116	Unintentional Injuries 806	Unintentional Injuries 783	Unintentional Injuries 855	Malignant Neoplasms 2,317	Malignant Neoplasms 4,299	Heart Disease 23,092	Heart Disease 30,019
2	Short Gestation 221	Heart Disease 20	Malignant Neoplasms 23	Malignant Neoplasms 24	Homicide 262	HIV 328	Heart Disease 807	Heart Disease 2,052	Heart Disease 3,731	Malignant Neoplasms 15,170	Malignant Neoplasms 22,964
3	SIDS 139	Homicide 17	Congenital Anomalies 8	Suicide 13	Suicide 198	Homicide 293	Malignant Neoplasms 807	Unintentional Injuries 627	Cerebro-vascular 708	Cerebro-vascular 7,160	Cerebro-vascular 8,598
4	Maternal Complications 103	Malignant Neoplasms 16	Heart Disease 8	Homicide 13	Malignant Neoplasms 80	Suicide 256	HIV 461	Cerebro-vascular 467	Bronchitis Emphysema Asthma 608	Bronchitis Emphysema Asthma 3,663	Unintentional Injuries 5,236
5	Respiratory Distress Synd. 76	Congenital Anomalies 13	Homicide 8	Congenital Anomalies 10	Heart Disease 63	Malignant Neoplasms 225	Suicide 292	Liver Disease 291	Diabetes 515	Pneumonia & Influenza 2,683	Bronchitis Emphysema Asthma 4,524
6	Unintentional Injuries 57	Pneumonia & Influenza 13	Bronchitis Emphysema Asthma 5	Heart Disease 9	Congenital Anomalies 19	Heart Disease 203	Homicide 221	Diabetes 276	Unintentional Injuries 394	Diabetes 2,031	Pneumonia & Influenza 3,161
7	Placenta Cord Membranes 53	Septicemia 7	Benign Neoplasms 2	Cerebro-vascular 6	HIV 19	Cerebro-vascular 44	Cerebro-vascular 192	Suicide 240	Liver Disease 221	Unintentional Injuries 1,393	Diabetes 2,956
8	Perinatal Infections 31	Anemias 4	Cerebro-vascular 2	HIV 4	Pneumonia & Influenza 15	Diabetes 29	Liver Disease 169	HIV 216	Pneumonia & Influenza 202	Alzheimer's Disease 929	Suicide 1,378
9	Intrauterine Hypoxia 20	Benign Neoplasms 4	5 Tied	Pneumonia & Influenza 4	Diabetes 10	Pneumonia & Influenza 28	Diabetes 94	Bronchitis Emphysema Asthma 177	Suicide 148	Septicemia 802	HIV 1,119
10	3 Tied	4 Tied	5 Tied	2 Tied	3 Tied	Liver Disease 18	Pneumonia & Influenza 83	Homicide 124	Nephritis 110	Hypertension 711	Liver Disease 1,101

South Carolina Total Number of Injury Deaths

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Unintentional Injury	5,236	68.0%
Intentional Injury	2,469	32.0%
Total (1996-1998)	7,705	100.0%

Average Number of Injury Deaths per Year
In South Carolina = **2,568**

1996-1998 Leading Causes of Death

Unintentional Injury

United States Unintentional Injury

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
MV Traffic	127,053	44.1%
Fall	35,745	12.4%
Poisoning	30,474	10.6%
Suffocation	13,325	4.6%
Drowning	12,416	4.3%
Fire/Burn	10,809	3.7%
Other Causes	<u>58,605</u>	<u>20.3%</u>
	288,427	100.0%

South Carolina Only Unintentional Injury

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
MV Traffic	2,762	52.8%
Fall	409	7.8%
Poisoning	350	6.7%
Suffocation	319	6.1%
Fire/Burn	280	5.3%
Other Causes	<u>1,116</u>	<u>21.3%</u>
	5,236	100.0%

Intentional Injury

United States Suicide

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	53,156	57.8%
Suffocation	16,469	17.9%
Poisoning	15,280	16.6%
Other Causes	<u>7,108</u>	<u>7.7%</u>
	92,013	100.0%

South Carolina Only Suicide

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	977	70.9%
Suffocation	180	13.1%
Poisoning	155	11.2%
Other Causes	<u>66</u>	<u>4.8%</u>
	1,378	100.0%

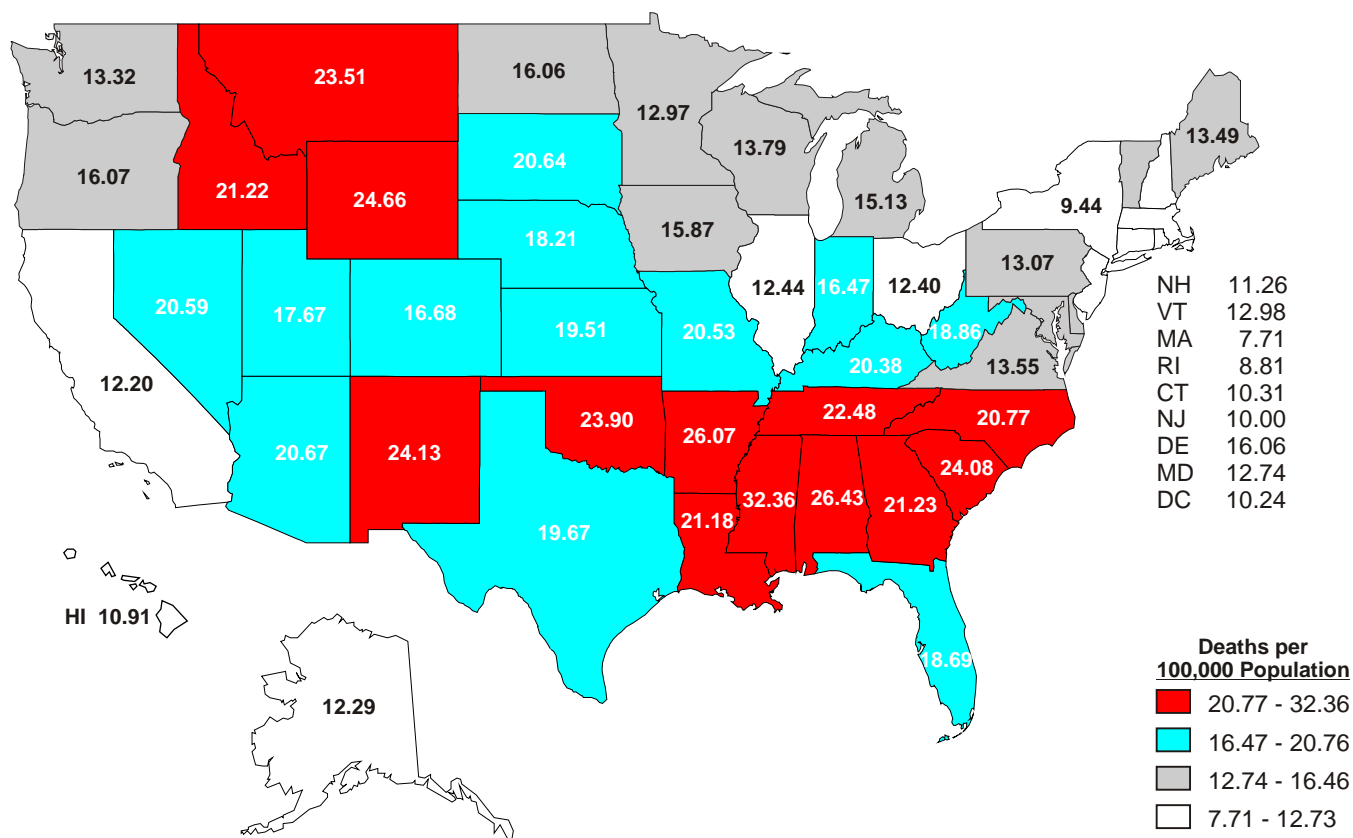
United States Homicide and Legal Intervention

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	39,951	67.6%
Cut/Pierce	6,955	11.8%
Suffocation	2,147	3.6%
Other Causes	<u>10,036</u>	<u>17.0%</u>
	59,089	100.0%

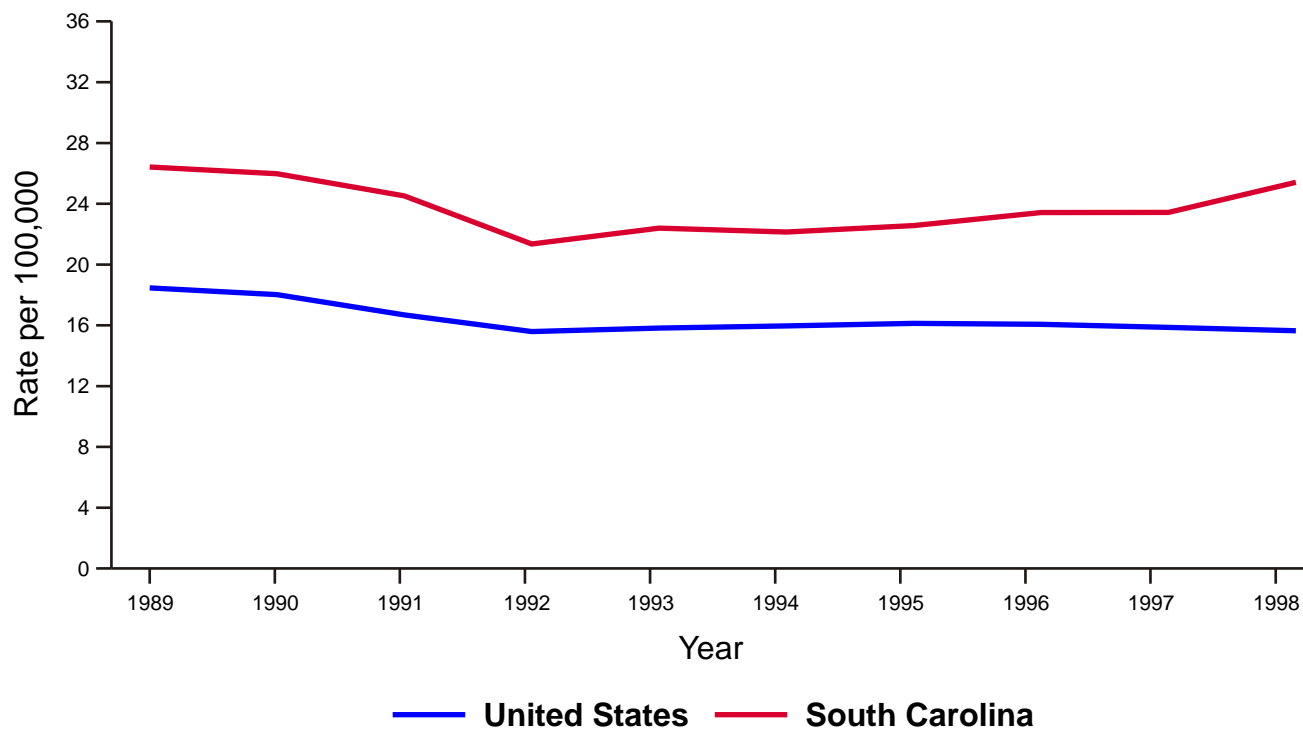
South Carolina Only Homicide and Legal Intervention

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	730	66.9%
Cut/Pierce	132	12.1%
Suffocation	42	3.8%
Other Causes	<u>187</u>	<u>17.1%</u>
	1,091	99.9%

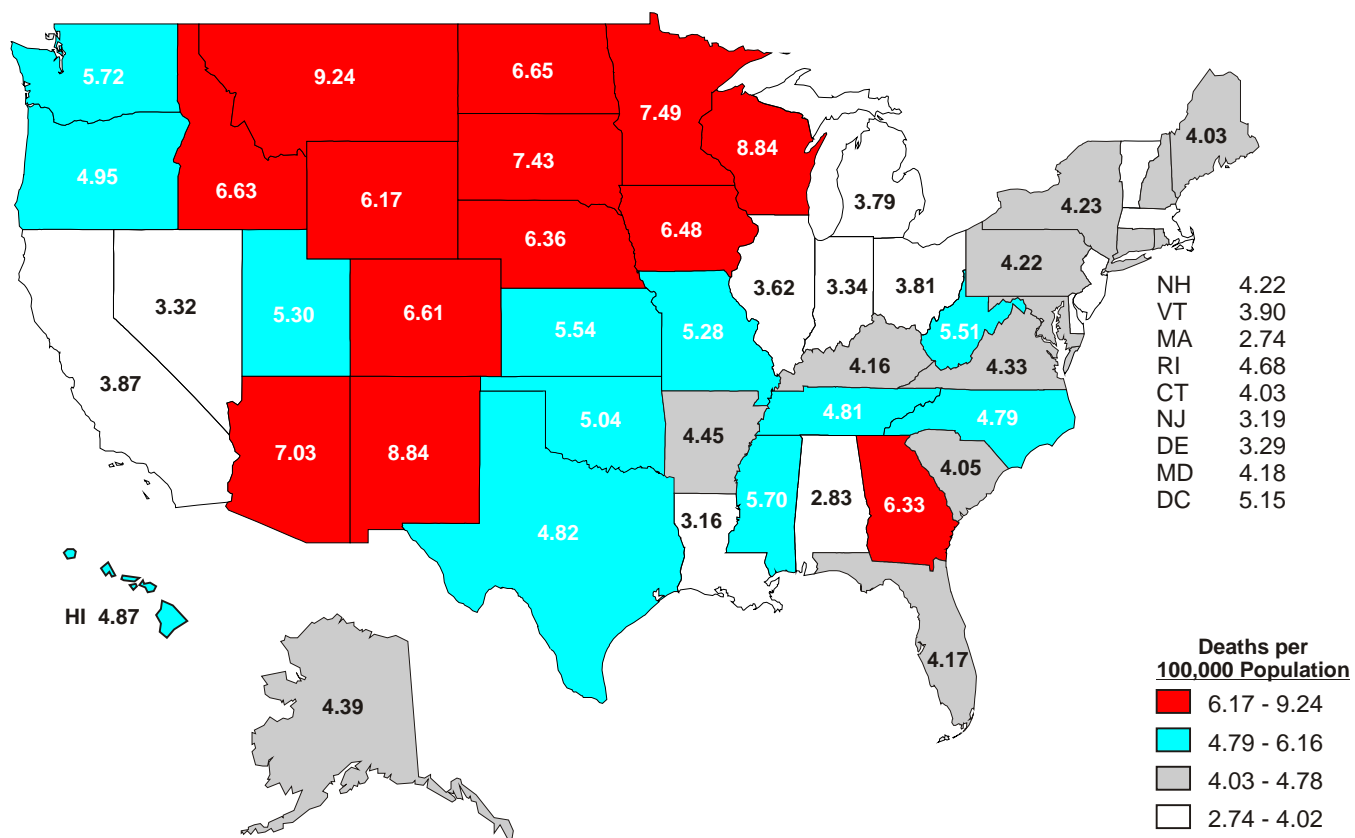
Unintentional Motor Vehicle, Traffic-Related Death Rates United States, 1996-1998



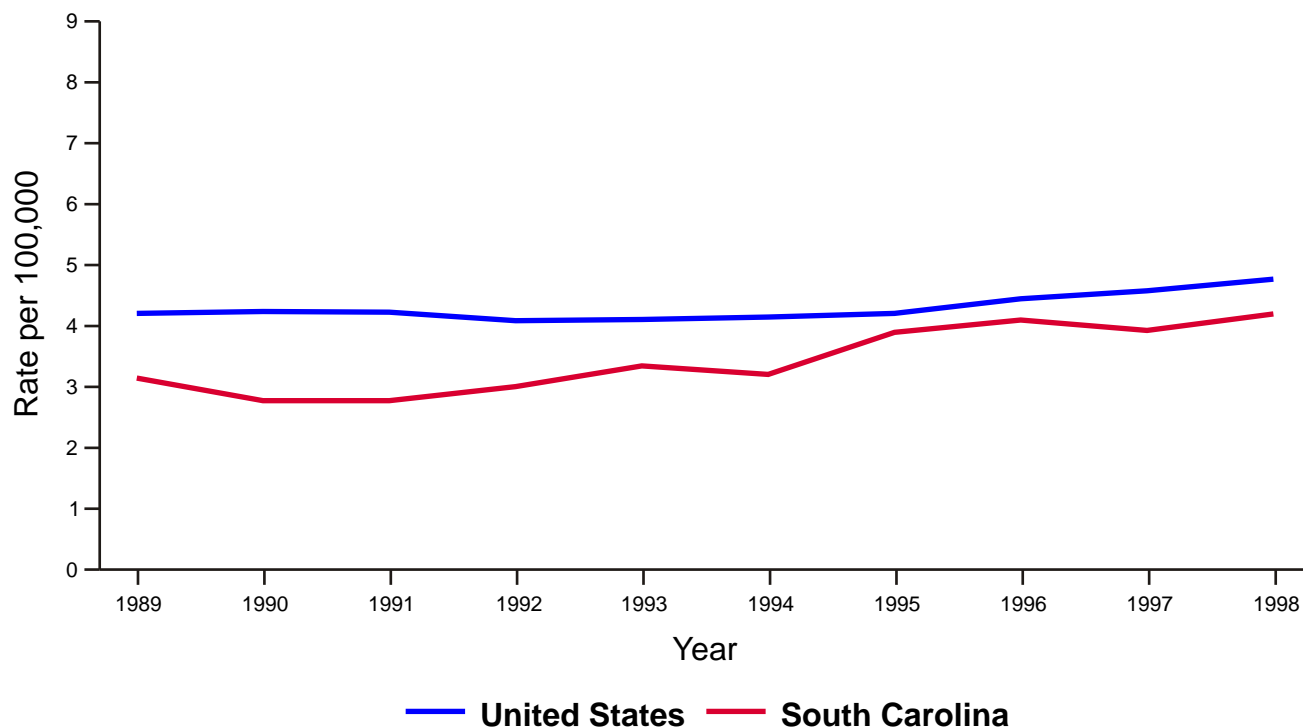
United States and South Carolina 1989-1998



Unintentional Fall Death Rates United States, 1996-1998



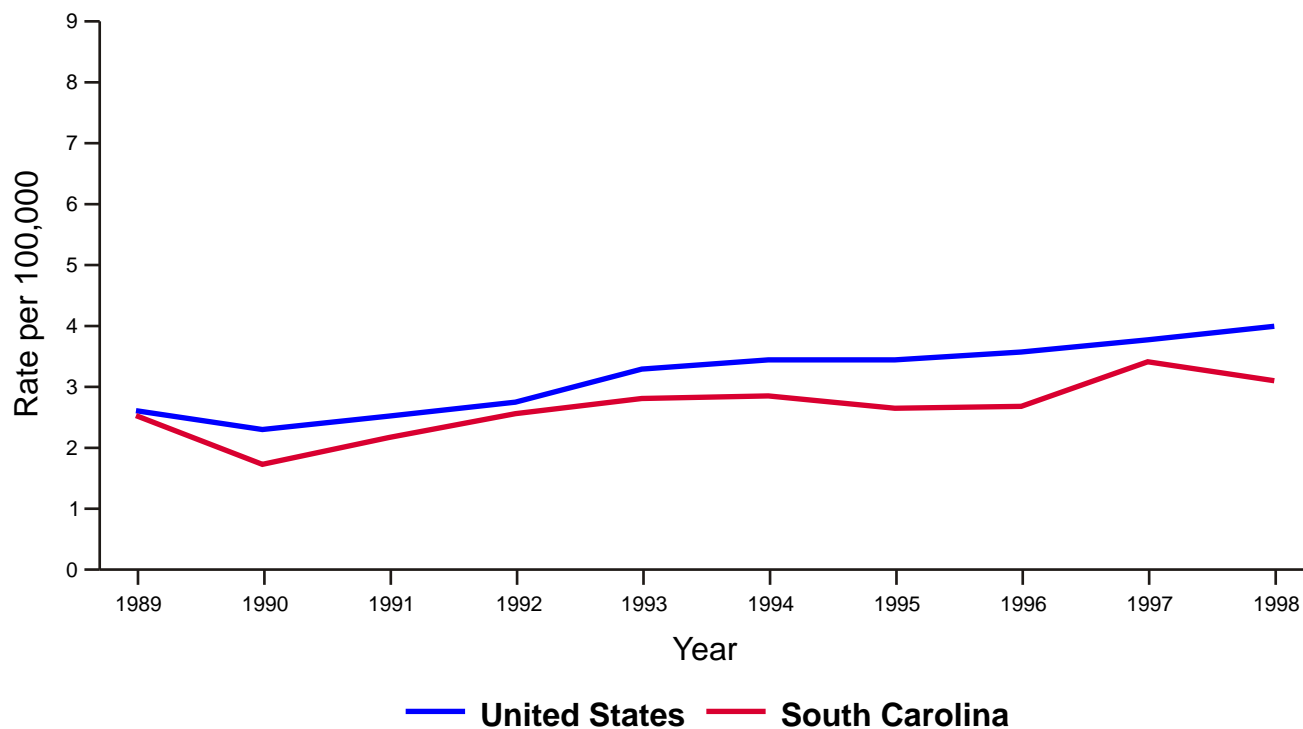
United States and South Carolina 1989-1998



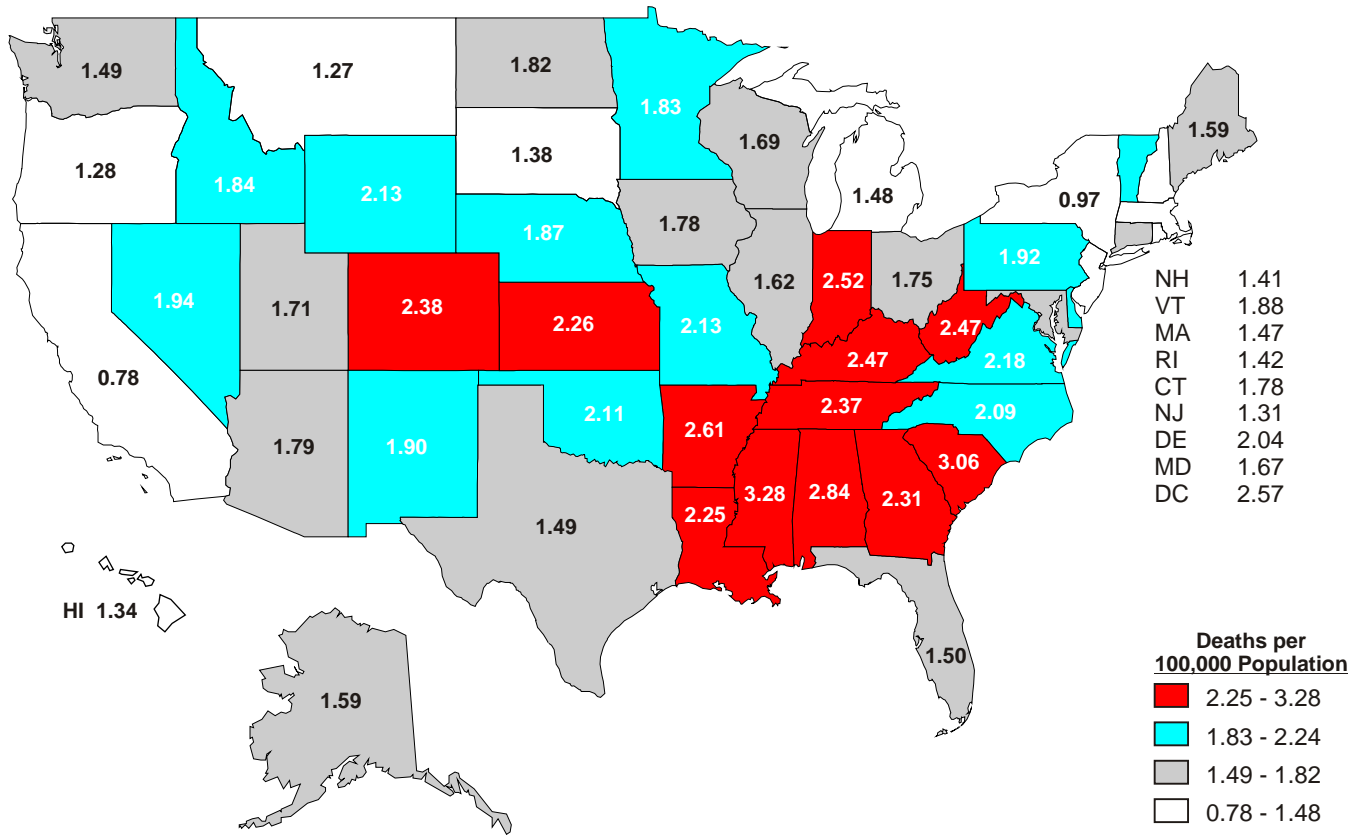
Unintentional Poisoning Death Rates United States, 1996-1998



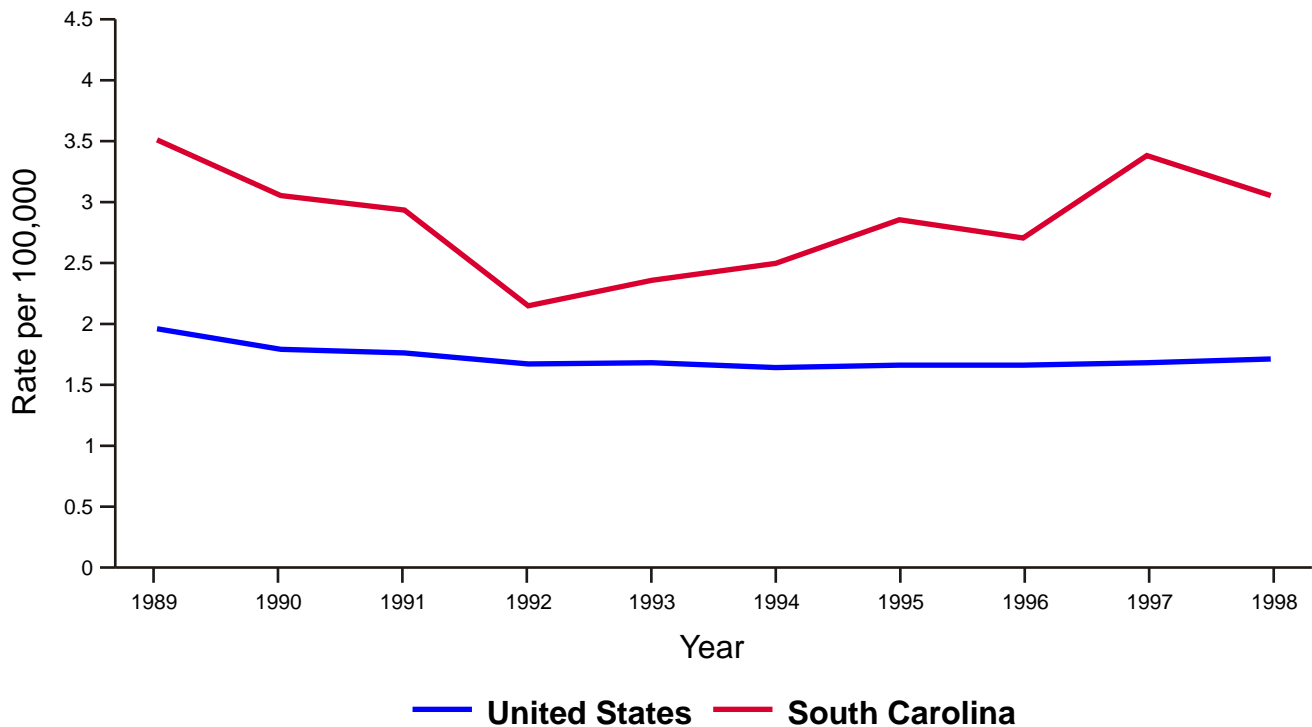
United States and South Carolina 1989-1998



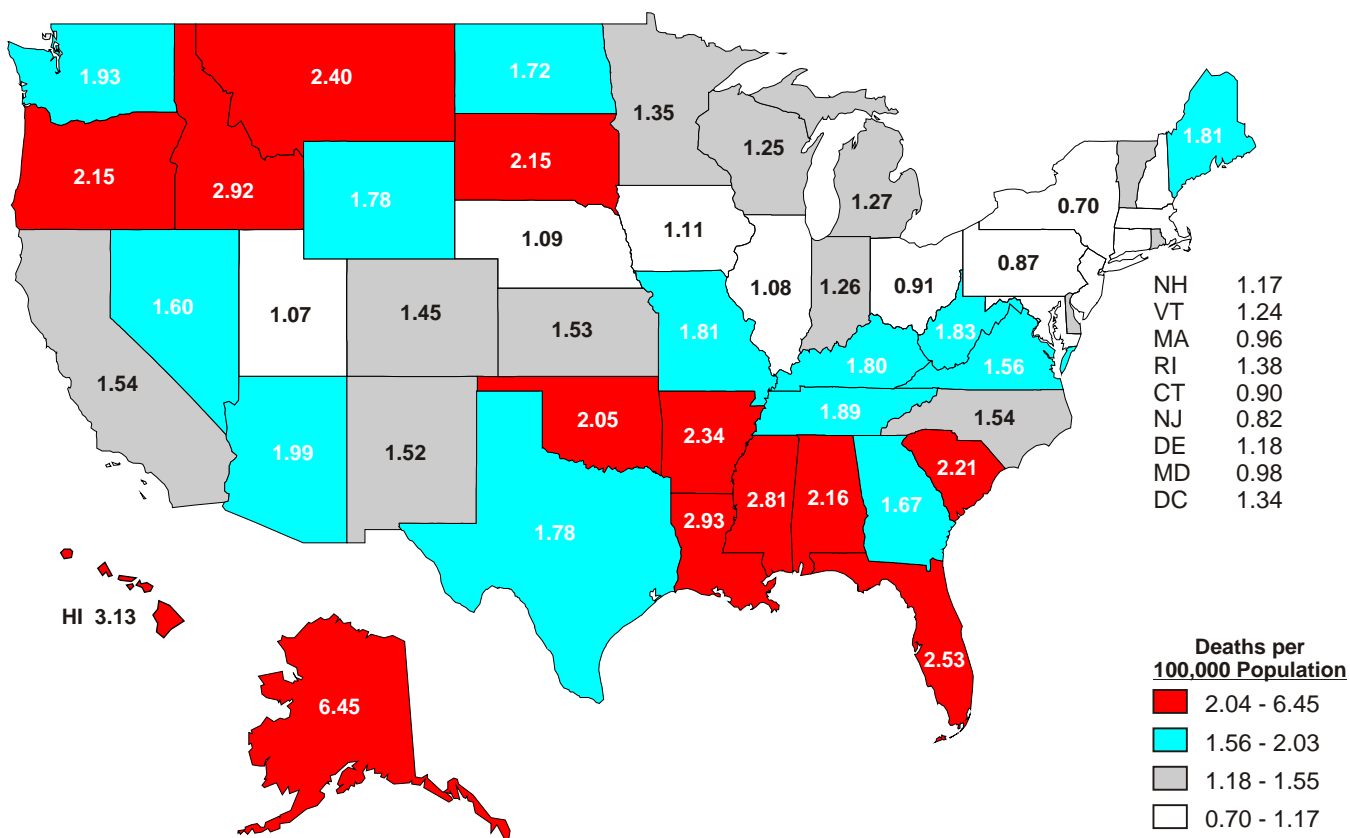
Unintentional Suffocation Death Rates United States, 1996-1998



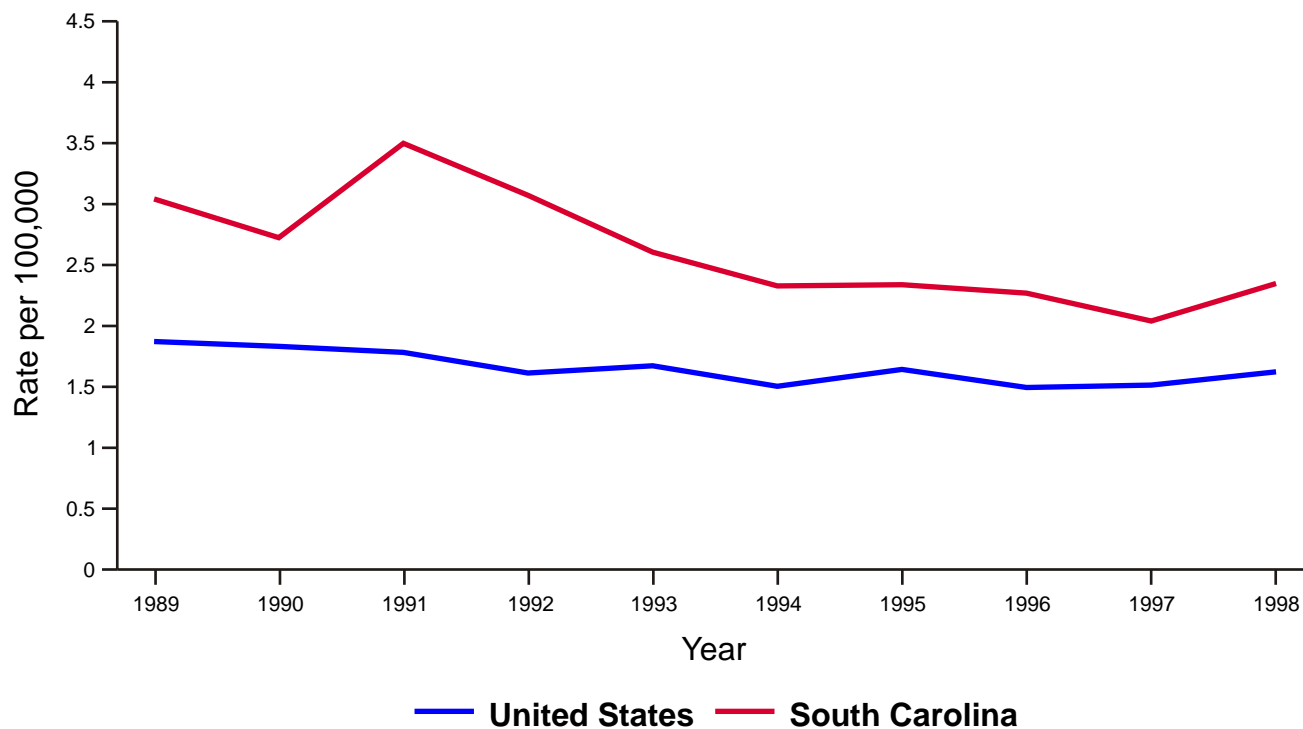
United States and South Carolina 1989-1998



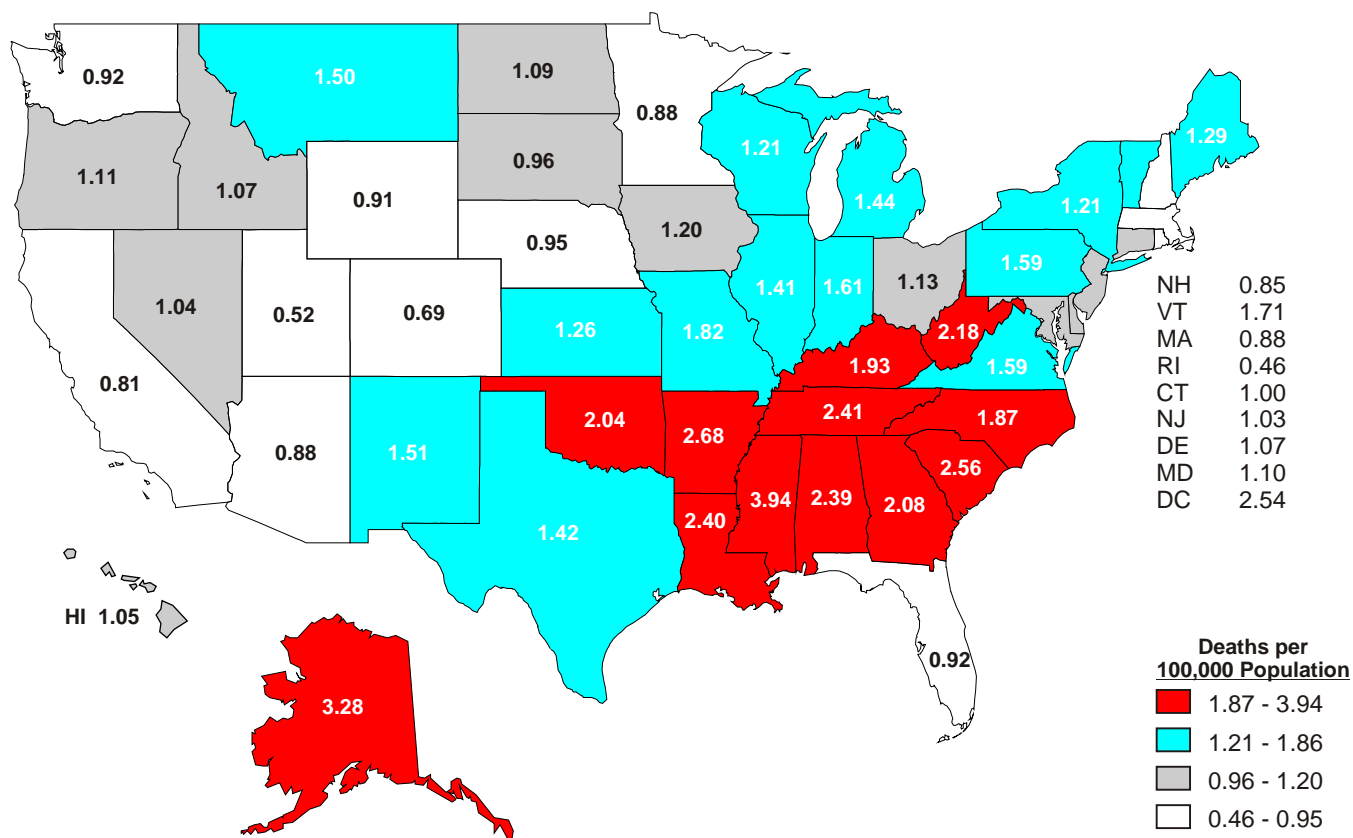
Unintentional Drowning Death Rates United States, 1996-1998



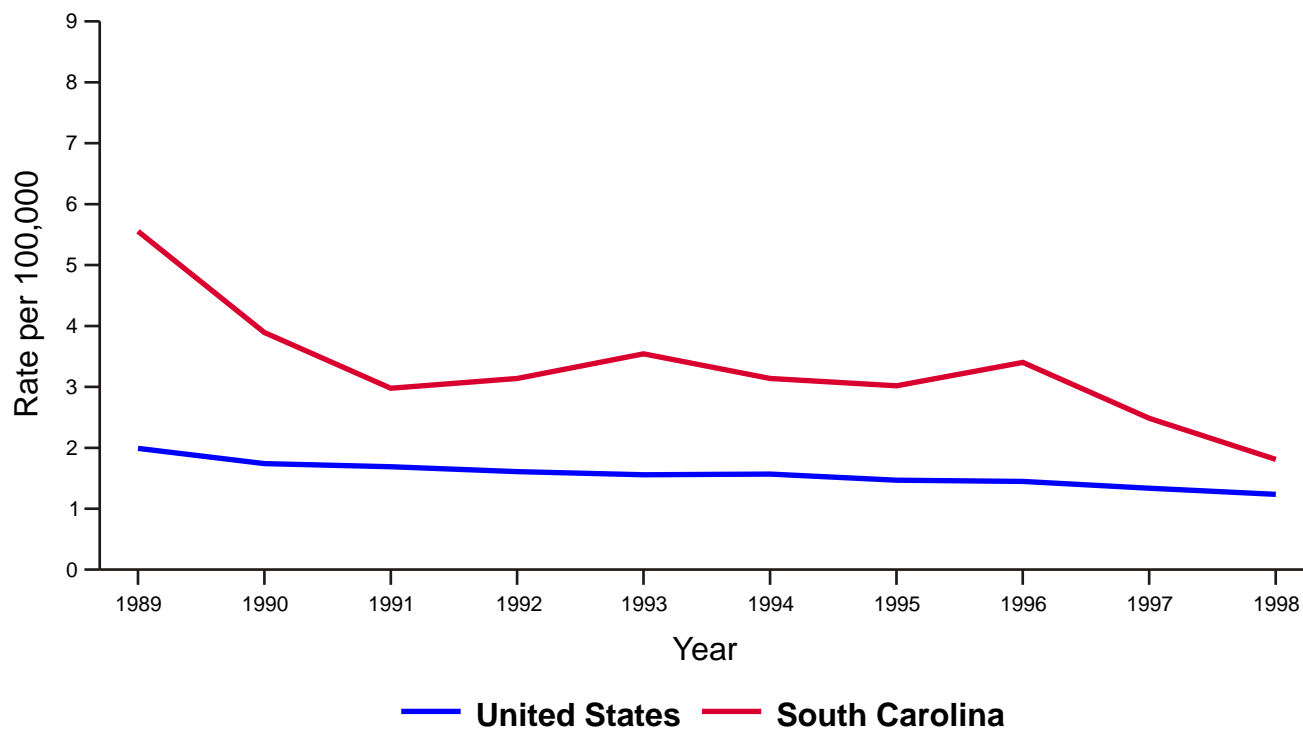
United States and South Carolina 1989-1998



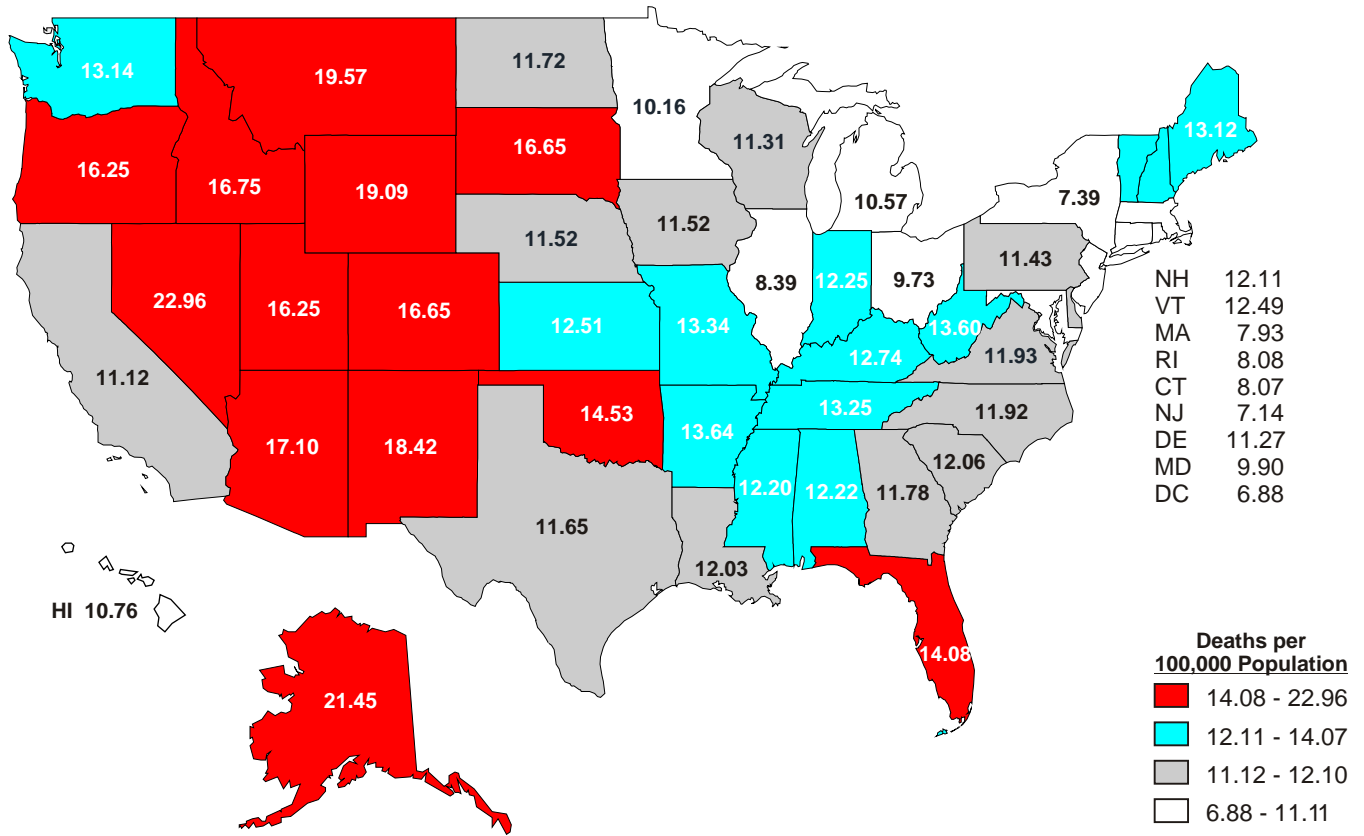
Unintentional Fire and Burn-Related Death Rates United States, 1996-1998



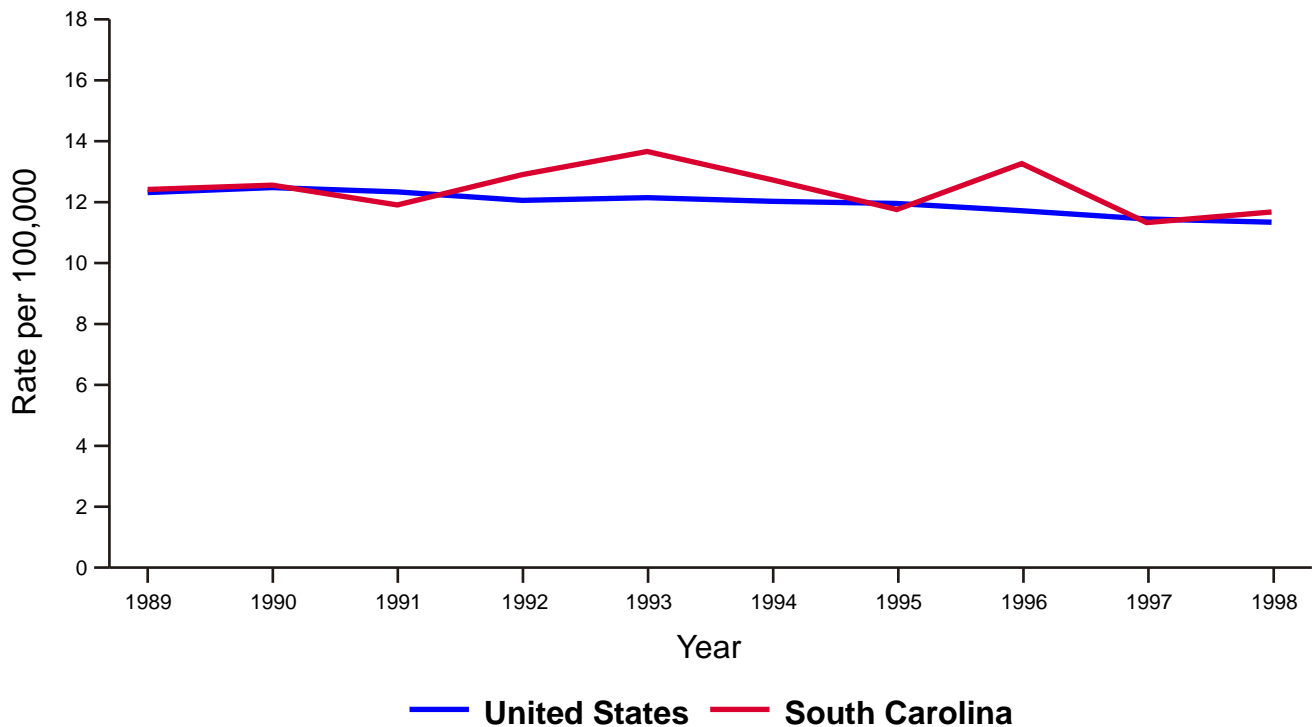
United States and South Carolina 1989-1998



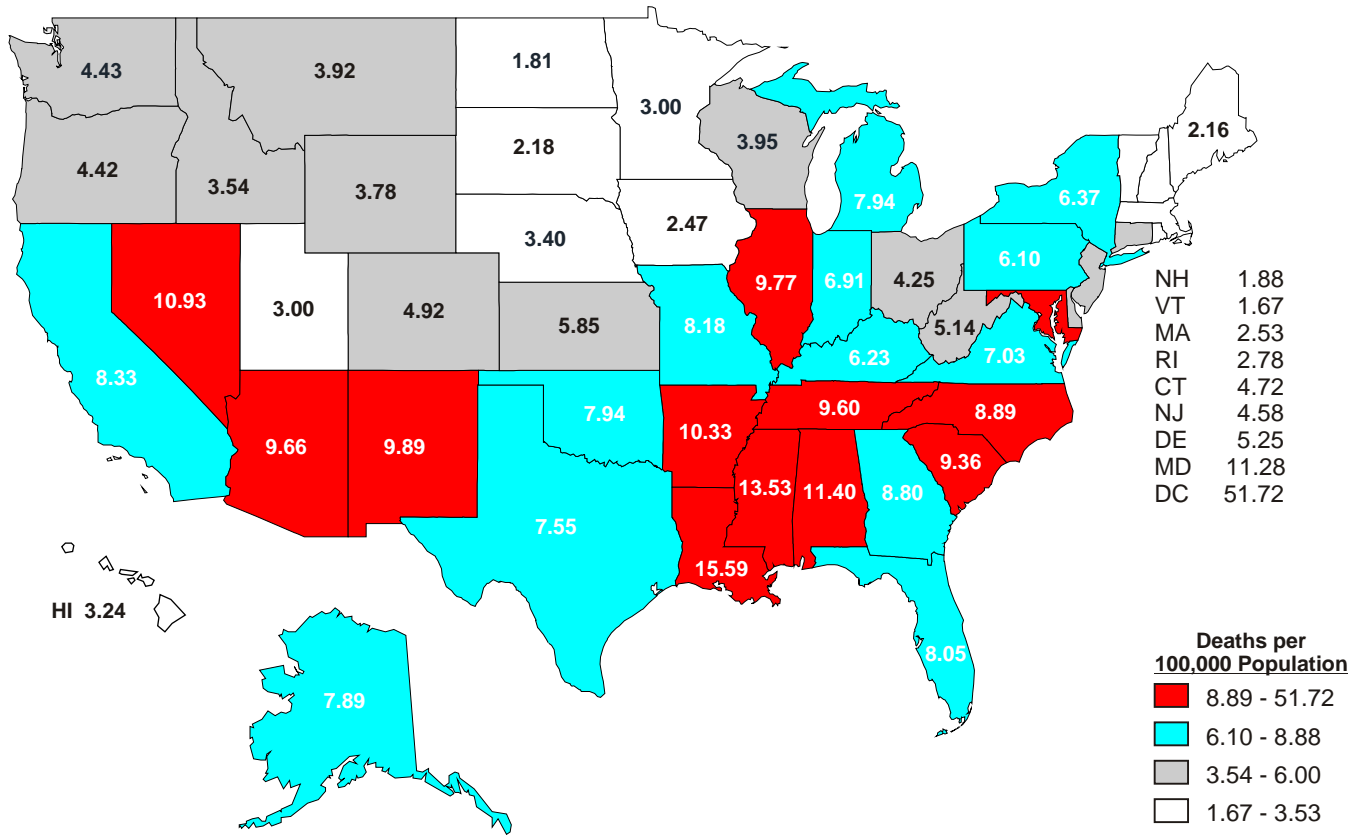
Suicide Death Rates United States, 1996-1998



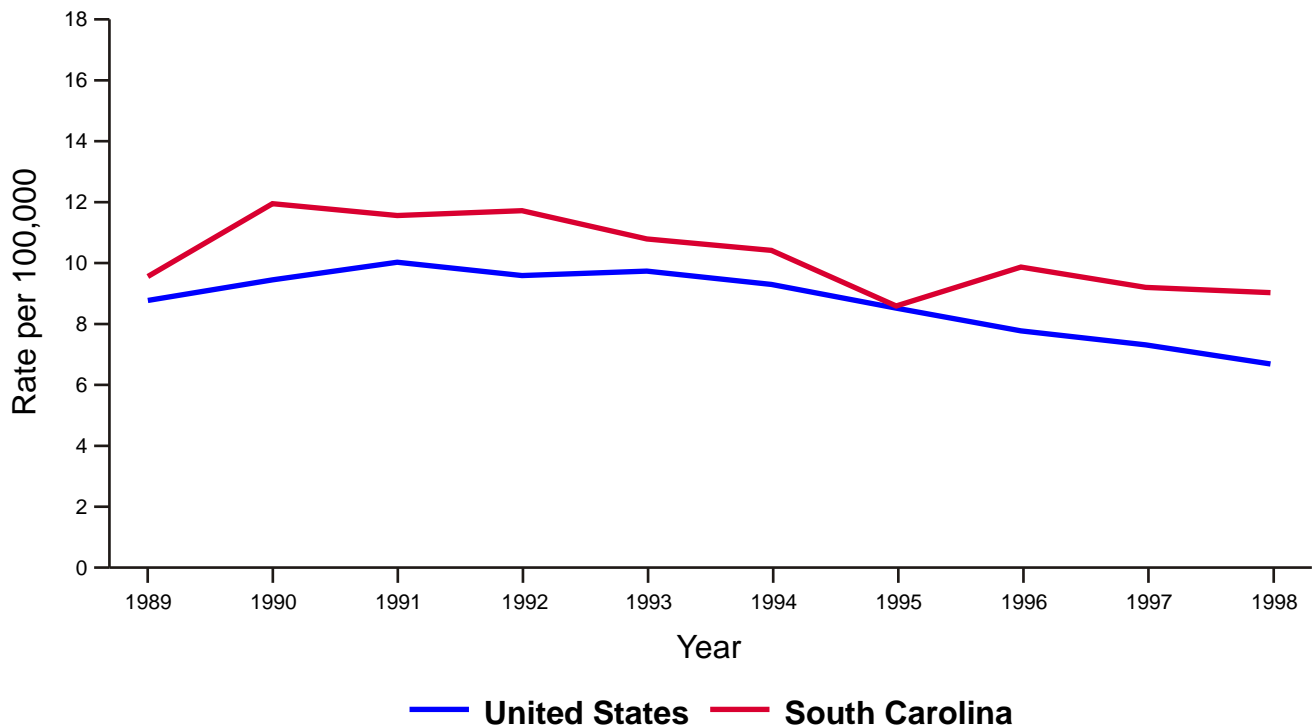
United States and South Carolina 1989-1998



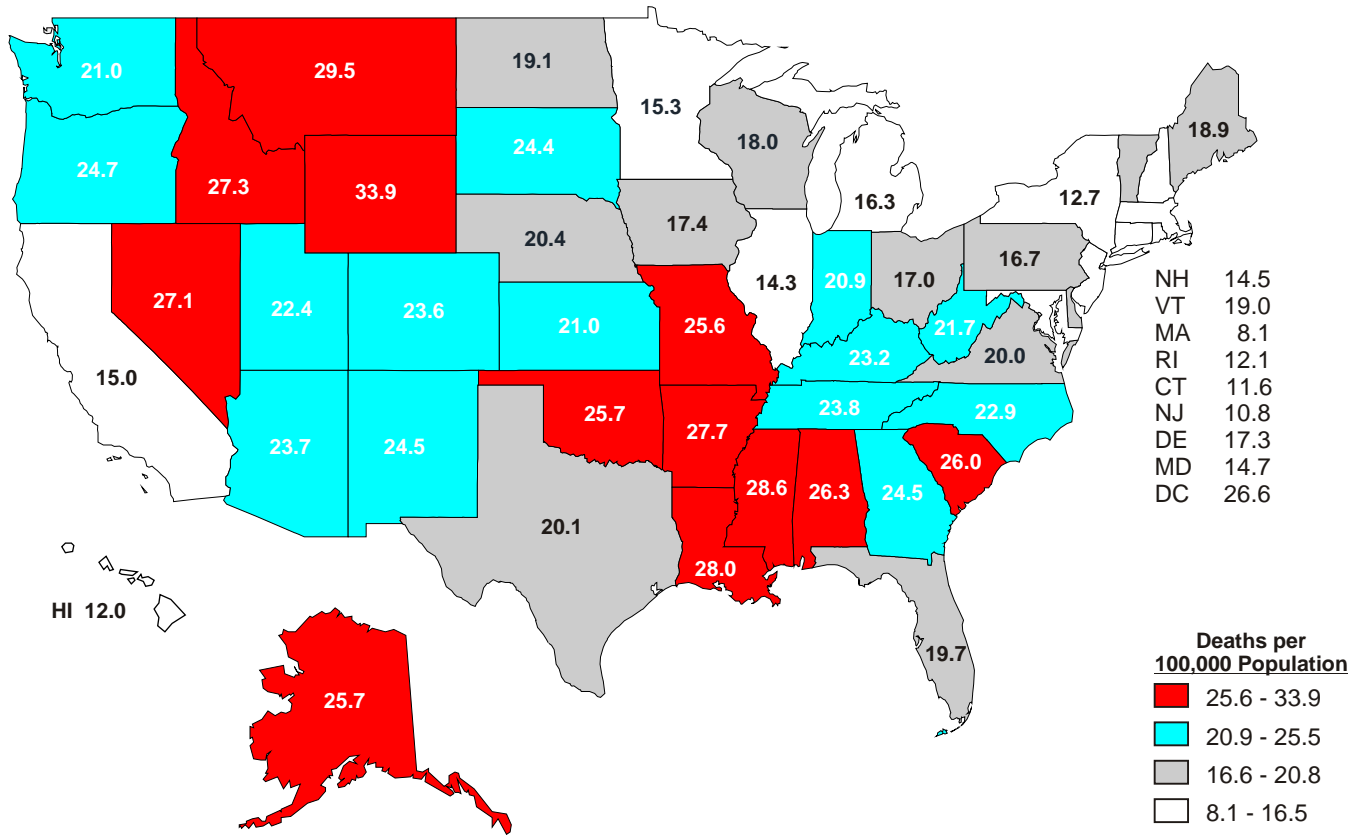
Homicide Death Rates United States, 1996-1998



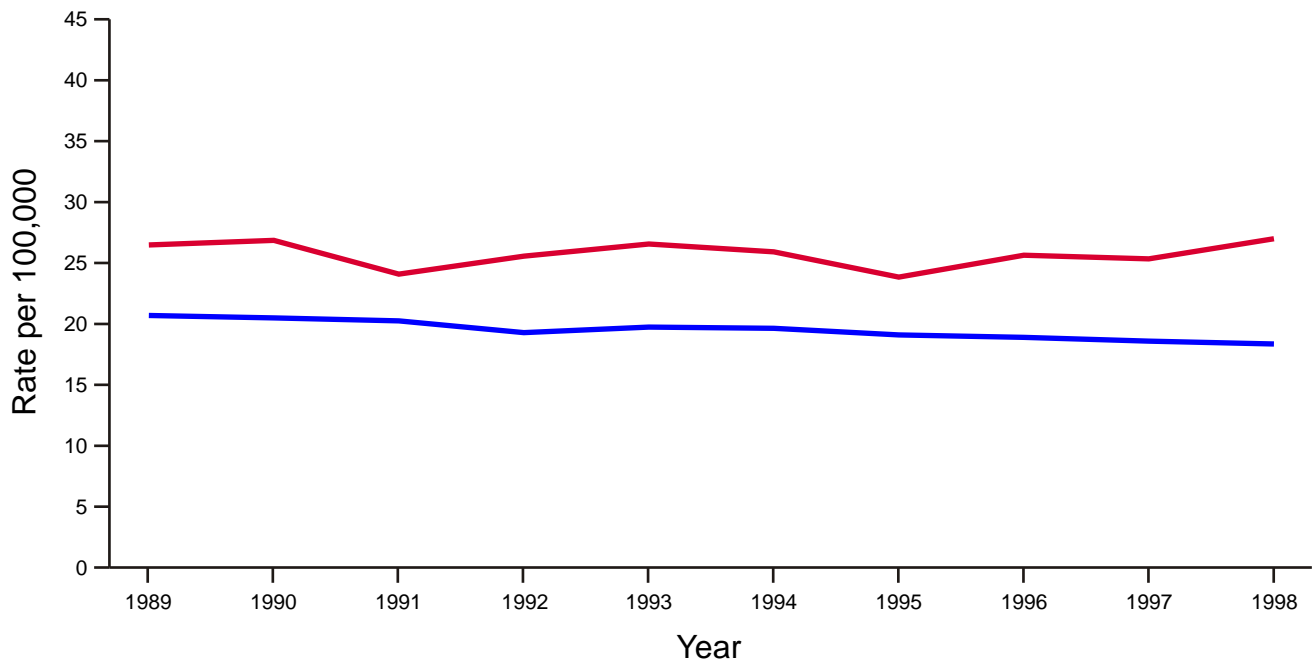
United States and South Carolina 1989-1998



Traumatic Brain Injury-Related Death Rates* United States, 1996-1998



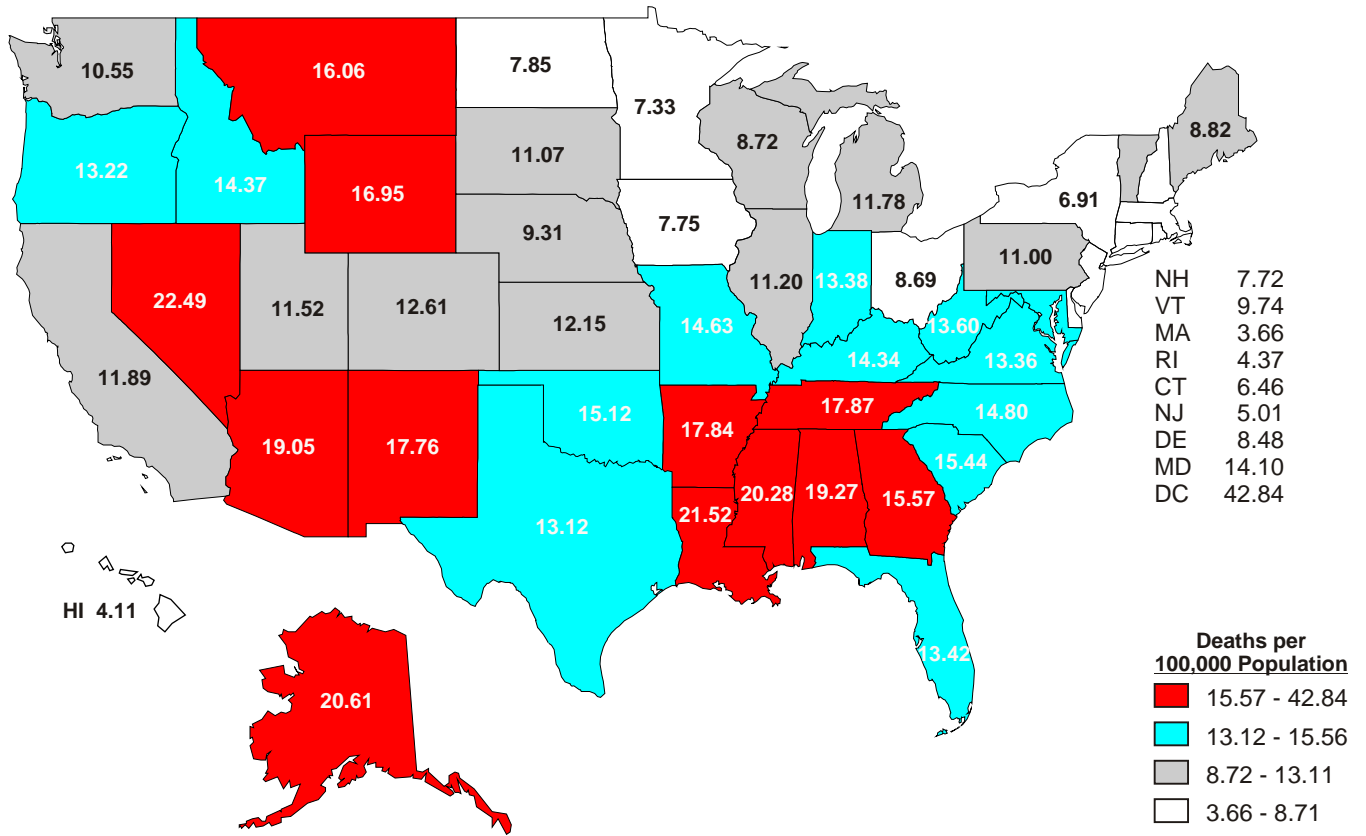
United States and South Carolina 1989-1998



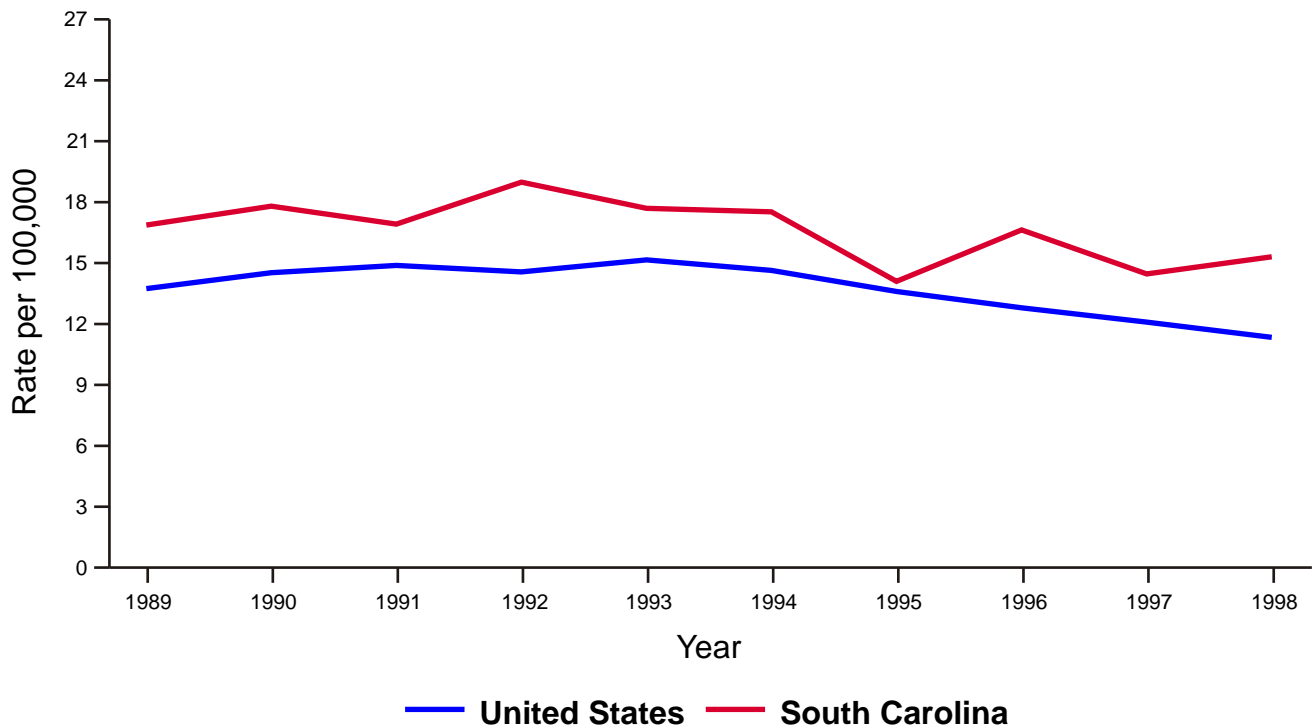
— United States — South Carolina

* Includes unintentional and intentional deaths from motor vehicles, firearms, falls, and other causes (of determined and undetermined intent).

Firearm-Related Death Rates United States, 1996-1998

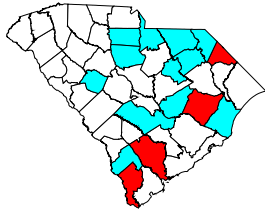


United States and South Carolina 1989-1998

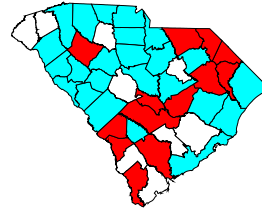


* Includes deaths from firearm suicide, firearm homicide, unintentional firearm-related deaths, and firearm-related deaths of undetermined intent.

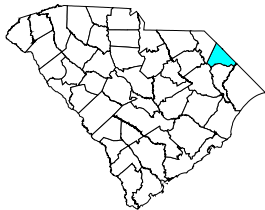
South Carolina 1989-1998



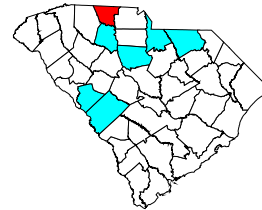
Motor Vehicle
881 Deaths/Year
 U.S. 16.4
 SC 23.8
 Excess Deaths/Year **270**



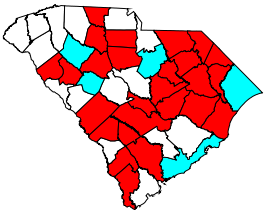
Homicides
387 Deaths/Year
 U.S. 8.7
 SC 10.3
 Excess Deaths/Year **57**



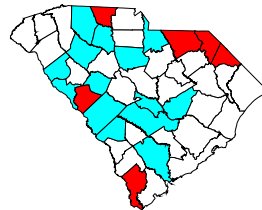
Falls
107 Deaths/Year
 U.S. 4.3
 SC 3.5



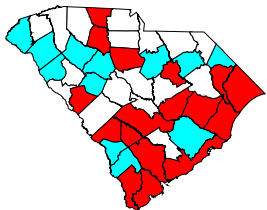
Suicides
451 Deaths/Year
 U.S. 12.0
 SC 12.4
 Excess Deaths/Year **17**



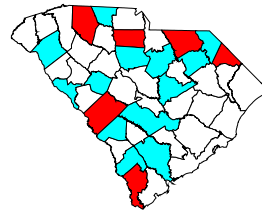
Fires/Burns
116 Deaths/Year
 U.S. 1.6
 SC 3.3
 Excess Deaths/Year **62**



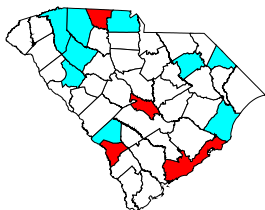
Firearms
616 Deaths/Year
 U.S. 13.7
 SC 16.6
 Excess Deaths/Year **106**



Drownings
97 Deaths/Year
 U.S. 1.7
 SC 2.6
 Excess Deaths/Year **35**



Traumatic Brain Injury
879 Deaths/Year
 U.S. 18.5
 SC 24.0
 Excess Deaths/Year **200**



Poisonings
97 Deaths/Year
 U.S. 3.2
 SC 2.7

Legend

- At or above the 90th NATIONAL percentile
- At or above the 75th but less than the 90th NATIONAL percentile

CDC-Funded Injury Control Projects

SAFER·HEALTHIER·PEOPLE™

CDC-Funded Injury Control Projects in SOUTH CAROLINA

CDC's National Center for Injury Prevention and Control (NCIPC) funds eight programs in South Carolina to build the state's ability to keep its citizens safe.

Core Injury Programs

State Injury Intervention and Surveillance Program

A program to develop and implement a statewide surveillance system for capturing emergency department-based injury data. Project staff will build upon existing administrative data sets to acquire information on crucial variables collated from CDC's *Data Elements for Emergency Department Surveillance Systems (DEEDS)*. (South Carolina Department of Health and Environmental Control)

Acute Care and Rehabilitation

Traumatic Brain Injury Surveillance Program

This program characterizes the risk factors, incidence, external causes, severity, and short-term outcomes of traumatic brain injury (TBI) through population-based surveillance. These data will be used to develop prevention programs to address both the specific causes of TBI and populations at greatest risk. Data may also be used to improve injured persons' access to health care and other services needed after injury. (South Carolina Department of Health and Environmental Control)

Applied Research for Traumatic Brain Injury Surveillance and Follow-Up Registry

A project to examine the outcomes of traumatic brain injury (TBI). Project staff will determine the number of people who become disabled each year as a result of TBI; identify specific functional outcomes for TBI survivors; identify the risk factors for specific secondary conditions; and evaluate service use and barriers to service. They will also evaluate the public health impact and societal costs of TBI. (University of South Carolina)

Intentional Injury

Evaluation of Interventions to Prevent Suicide

This project will evaluate specific interventions that may influence one or more of the factors that lead to suicidal behavior among adults ages 65 and older who are experiencing minor depression. (Medical University of South Carolina)

Violence Against Women Prevention Research Center

A program to foster interdisciplinary research in the field of violence against women. Project staff will identify barriers to collaboration; review existing literature and VAW data sets to identify research gaps; develop and pilot test new interventions for preventing VAW; train and assist VAW researchers; and disseminate the best prevention research. Program staff will also work to attract and train VAW researchers who are members of racial and ethnic minority groups. (Medical University of South Carolina)

Culturally appropriate Demonstration Project for Early Intervention and Prevention of Intimate Partner Violence and Sexual Violence Among Racial and Ethnic Minorities

A project to design and implement culturally appropriate screening and services for women seeking health care from primary care clinics. The program, which serves women in a low-income, rural region of South Carolina, seeks to evaluate interventions to improve the health, well-being, and safety of women experiencing intimate partner violence and to diminish the negative effects of exposure among their children. (*University of South Carolina*)

Rape Prevention and Education

A nationwide grant program providing resources to states for rape prevention and education programs conducted by rape crisis centers, State sexual assault coalitions, and other public and private nonprofit entities for:

- 1) educational seminars;
- 2) operation of hotlines;
- 3) training programs for professionals;
- 4) preparation of informational material;
- 5) education and training programs for students and campus personnel designed to reduce the incidence of sexual assault at colleges and universities;
- 6) education and training to increase awareness about drugs to facilitate rapes or sexual assaults; and
- 7) other efforts to increase awareness about, or to help prevent, sexual assault, including efforts to increase awareness in underserved communities and awareness among individuals with disabilities.

(*South Carolina Department of Health and Environmental Control*)

Unintentional Injury

Prevention of Fire-Related Injuries

A project to prevent fire-related injuries, disabilities, and deaths among individuals in various residential settings. Program staff will work closely with community members to increase proper smoke alarm use and increase public awareness of fire safety. (*South Carolina Department of Health and Environmental Control*)

Notes

Notes