

State Injury Profile for Virginia

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 Virginia 1989-1998

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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

Cause	Deaths	Percent
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**

Virginia

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 433	Unintentional Injuries 115	Unintentional Injuries 94	Unintentional Injuries 116	Unintentional Injuries 860	Unintentional Injuries 852	Malignant Neoplasms 1,354	Malignant Neoplasms 3,605	Malignant Neoplasms 6,622	Heart Disease 38,280	Heart Disease 47,728
2	Short Gestation 397	Congenital Anomalies 45	Malignant Neoplasms 29	Malignant Neoplasms 33	Homicide 437	Suicide 410	Heart Disease 1,109	Heart Disease 2,758	Heart Disease 5,107	Malignant Neoplasms 26,388	Malignant Neoplasms 38,529
3	SIDS 216	Malignant Neoplasms 34	Heart Disease 11	Suicide 24	Suicide 357	Homicide 389	Unintentional Injuries 995	Unintentional Injuries 766	Cerebro-vascular 803	Cerebro-vascular 10,173	Cerebro-vascular 11,717
4	Maternal Complications 124	Homicide 20	Congenital Anomalies 10	Heart Disease 17	Malignant Neoplasms 108	Malignant Neoplasms 350	HIV 547	Suicide 410	Bronchitis Emphysema Asthma 690	Bronchitis Emphysema Asthma 6,135	Bronchitis Emphysema Asthma 7,152
5	Perinatal Infections 80	Heart Disease 16	Homicide 10	Homicide 13	Heart Disease 86	HIV 295	Suicide 517	Cerebro-vascular 401	Diabetes 563	Pneumonia & Influenza 5,422	Unintentional Injuries 6,878
6	Respiratory Distress Synd. 58	Pneumonia & Influenza 9	Pneumonia & Influenza 5	Congenital Anomalies 11	HIV 31	Heart Disease 283	Homicide 309	Liver Disease 337	Unintentional Injuries 539	Diabetes 2,793	Pneumonia & Influenza 5,975
7	Placenta Cord Membranes 55	Bronchitis Emphysema Asthma 8	Benign Neoplasms 4	Bronchitis Emphysema Asthma 4	Bronchitis Emphysema Asthma 20	Cerebro-vascular 62	Cerebro-vascular 228	Diabetes 279	Liver Disease 347	Unintentional Injuries 2,487	Diabetes 3,836
8	Unintentional Injuries 48	Cerebro-vascular 8	Bronchitis Emphysema Asthma 4	HIV 4	Congenital Anomalies 14	Pneumonia & Influenza 45	Liver Disease 177	HIV 236	Pneumonia & Influenza 250	Septicemia 1,873	Suicide 2,418
9	Intrauterine Hypoxia 35	Septicemia 6	Septicemia 4	Pneumonia & Influenza 4	Cerebro-vascular 13	Diabetes 43	Diabetes 147	Bronchitis Emphysema Asthma 203	Suicide 245	Nephritis 1,839	Septicemia 2,328
10	Homicide 27	4 Tied	HIV 2	3 Tied	Pneumonia & Influenza 12	Congenital Anomalies 32	Pneumonia & Influenza 82	Homicide 147	Septicemia 216	Alzheimer's Disease 1,581	Nephritis 2,175

Virginia Total Number of Injury Deaths

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Unintentional Injury	6,878	63.8%
Intentional Injury	3,905	36.2%
Total (1996-1998)	10,783	100.0%

Average Number of Injury Deaths per Year
In Virginia = **3,594**

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%

Virginia Only Unintentional Injury

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
MV Traffic	2,730	39.7%
Fall	747	10.9%
Poisoning	607	8.8%
Suffocation	389	5.7%
Drowning	317	4.6%
Other Causes	<u>2,088</u>	<u>30.4%</u>
	6,878	100.1%

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%

Virginia Only Suicide

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	1,592	65.8%
Suffocation	340	14.1%
Poisoning	339	14.0%
Other Causes	<u>147</u>	<u>6.1%</u>
	2,418	100.0%

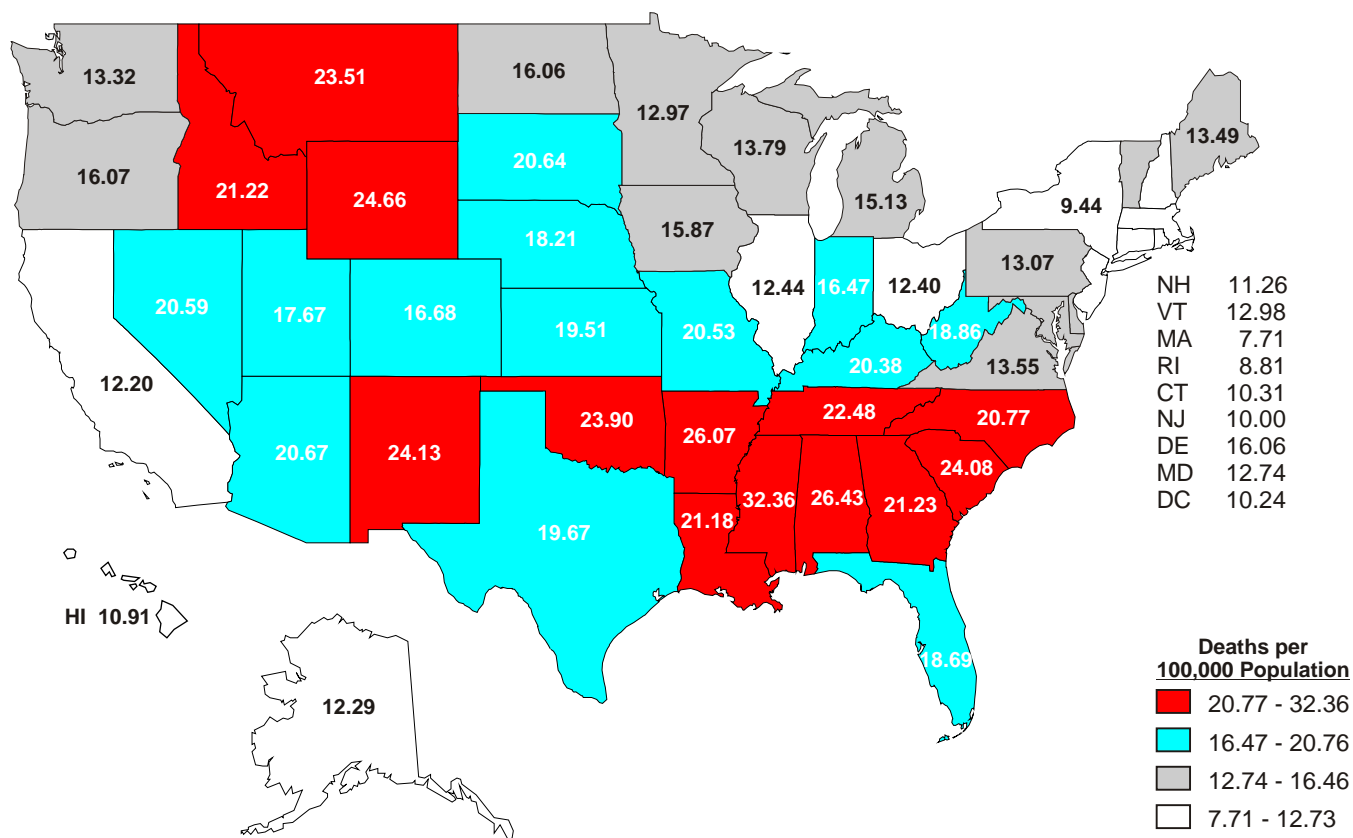
United States Homicide and Legal Intervention

<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%

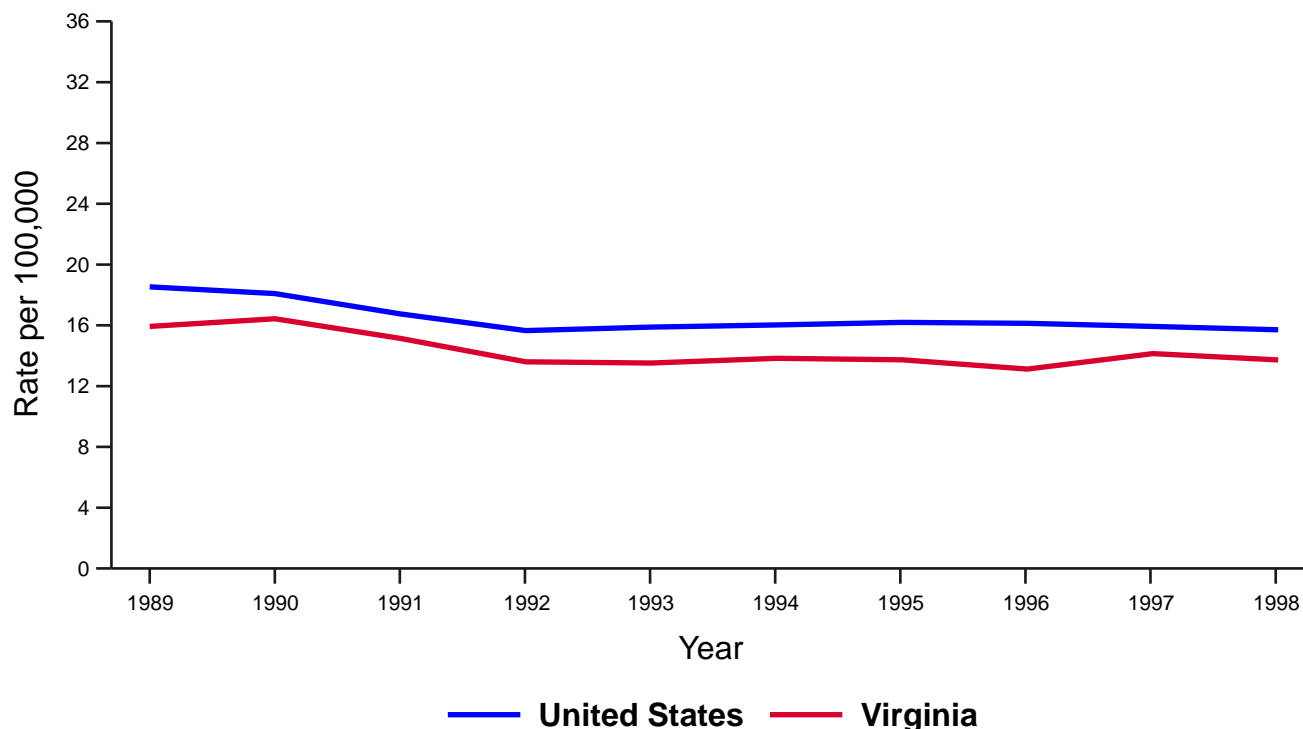
Virginia Only Homicide and Legal Intervention

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	1,043	70.1%
Cut/Pierce	180	12.1%
Suffocation	52	3.5%
Other Causes	<u>212</u>	<u>14.3%</u>
	1,487	100.0%

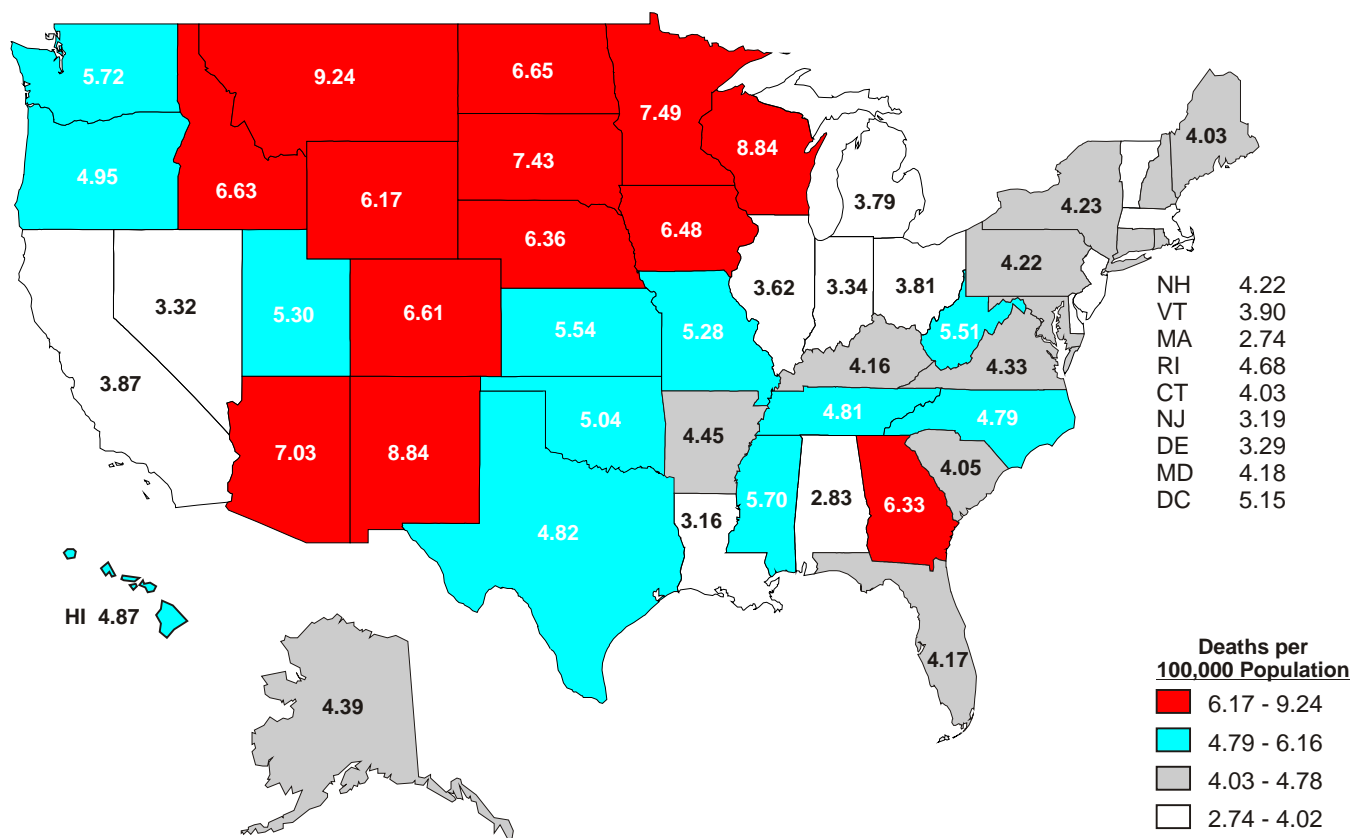
Unintentional Motor Vehicle, Traffic-Related Death Rates United States, 1996-1998



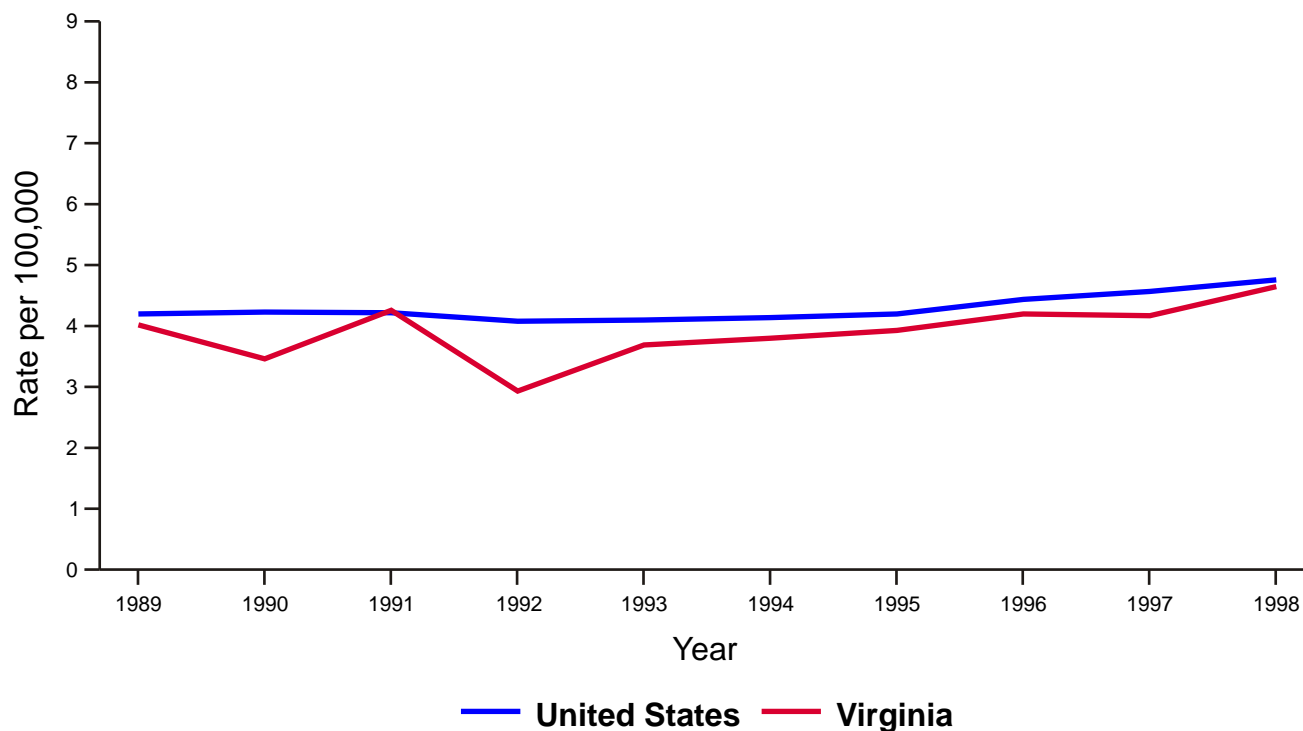
United States and Virginia 1989-1998



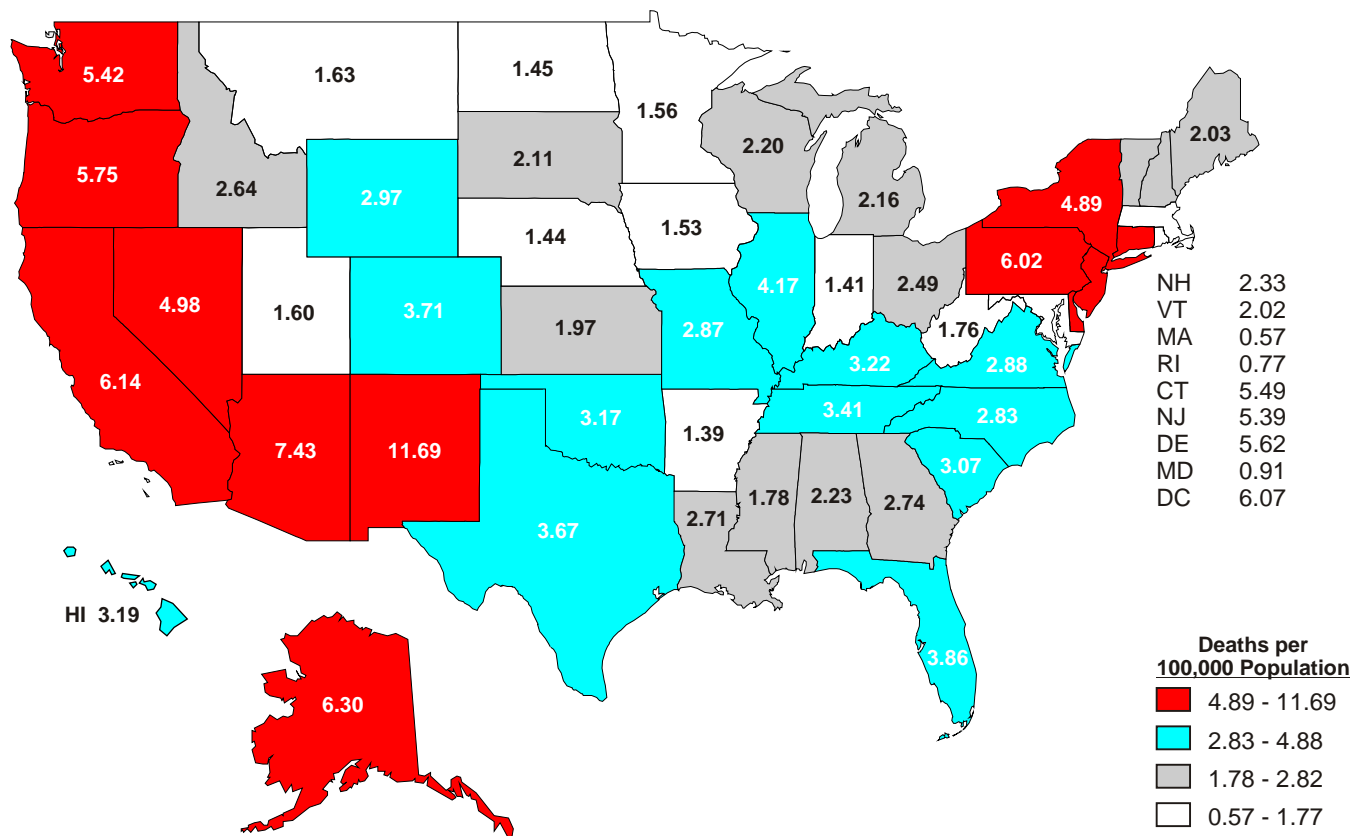
Unintentional Fall Death Rates United States, 1996-1998



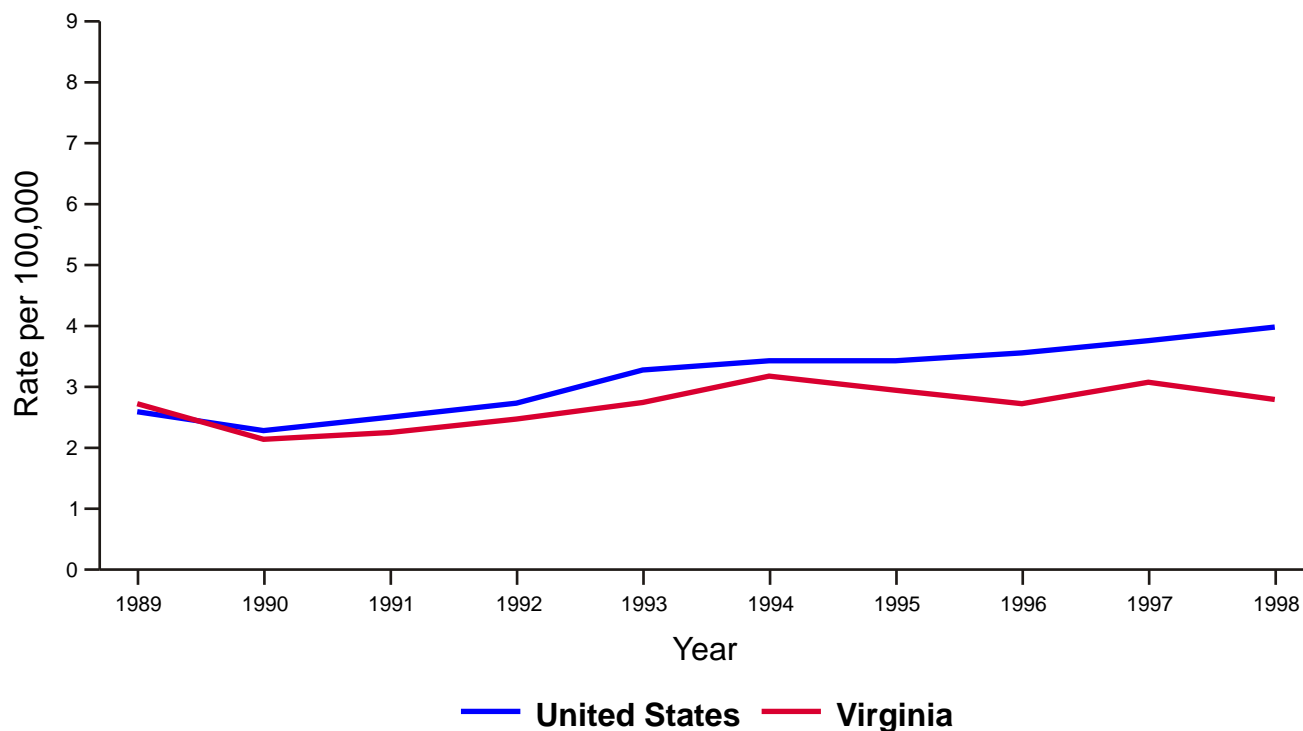
United States and Virginia 1989-1998



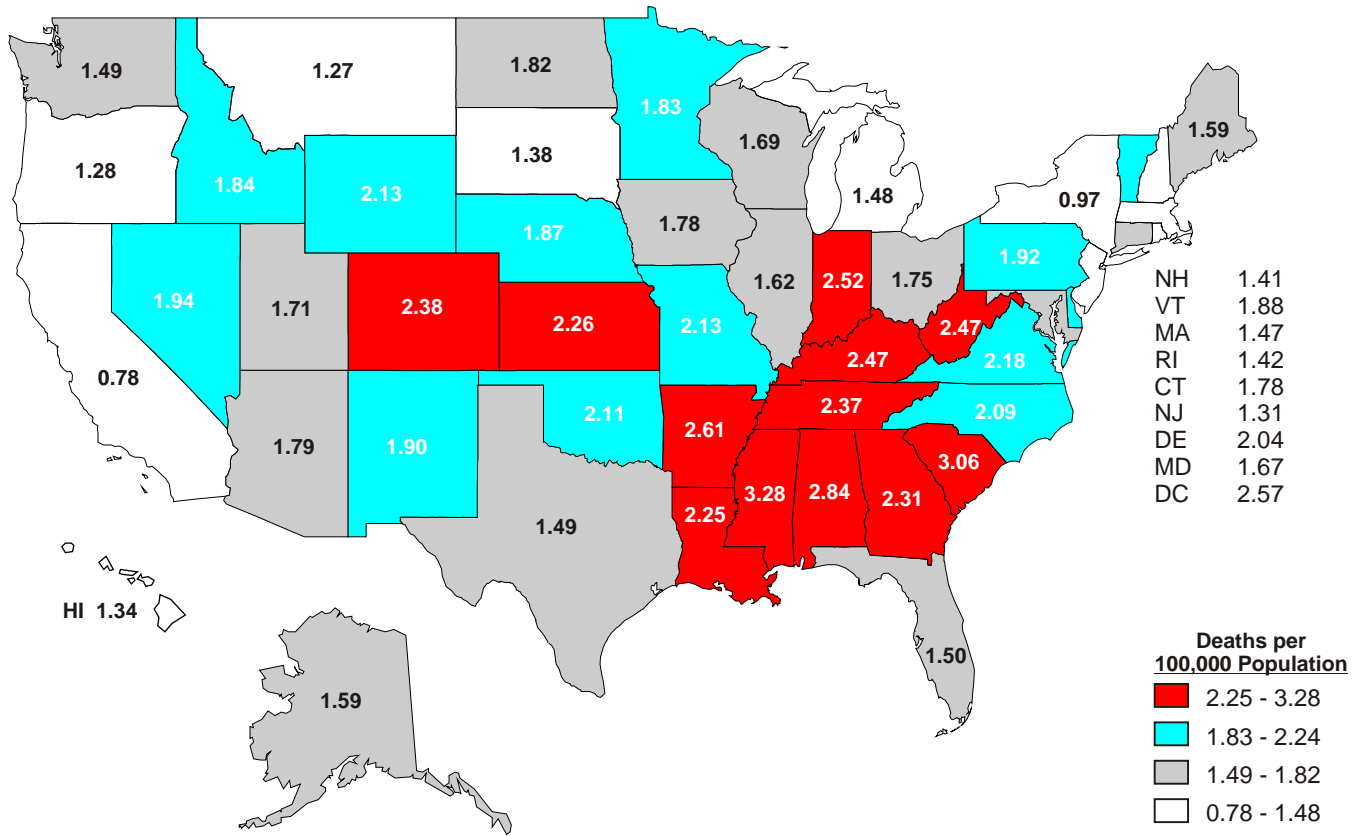
Unintentional Poisoning Death Rates United States, 1996-1998



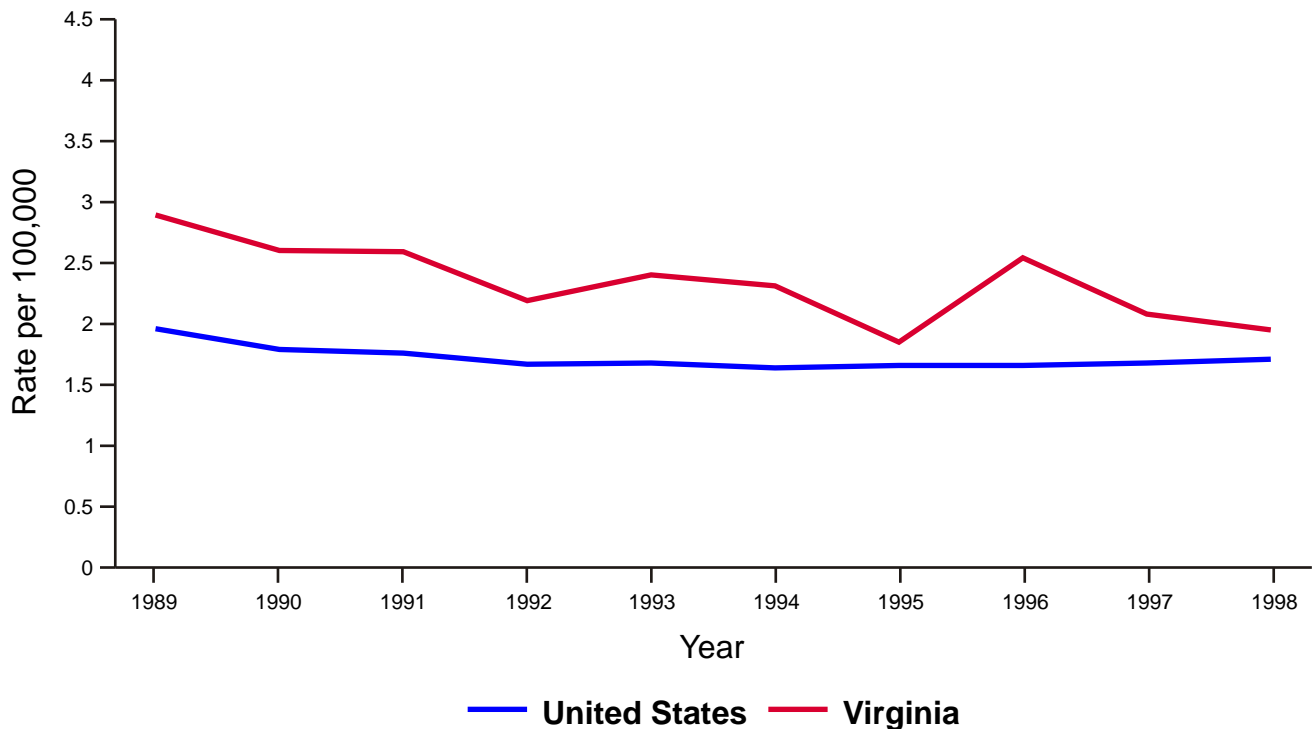
United States and Virginia 1989-1998



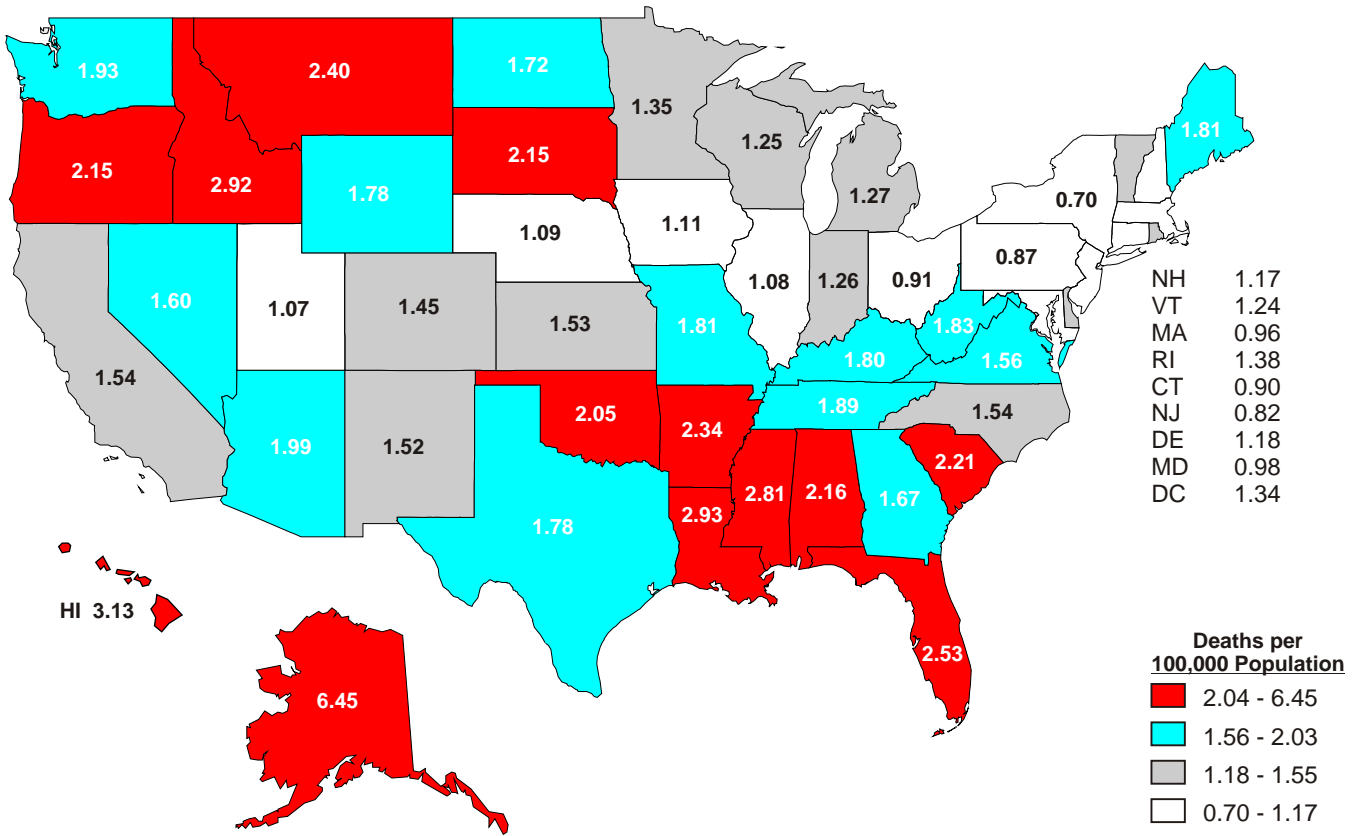
Unintentional Suffocation Death Rates United States, 1996-1998



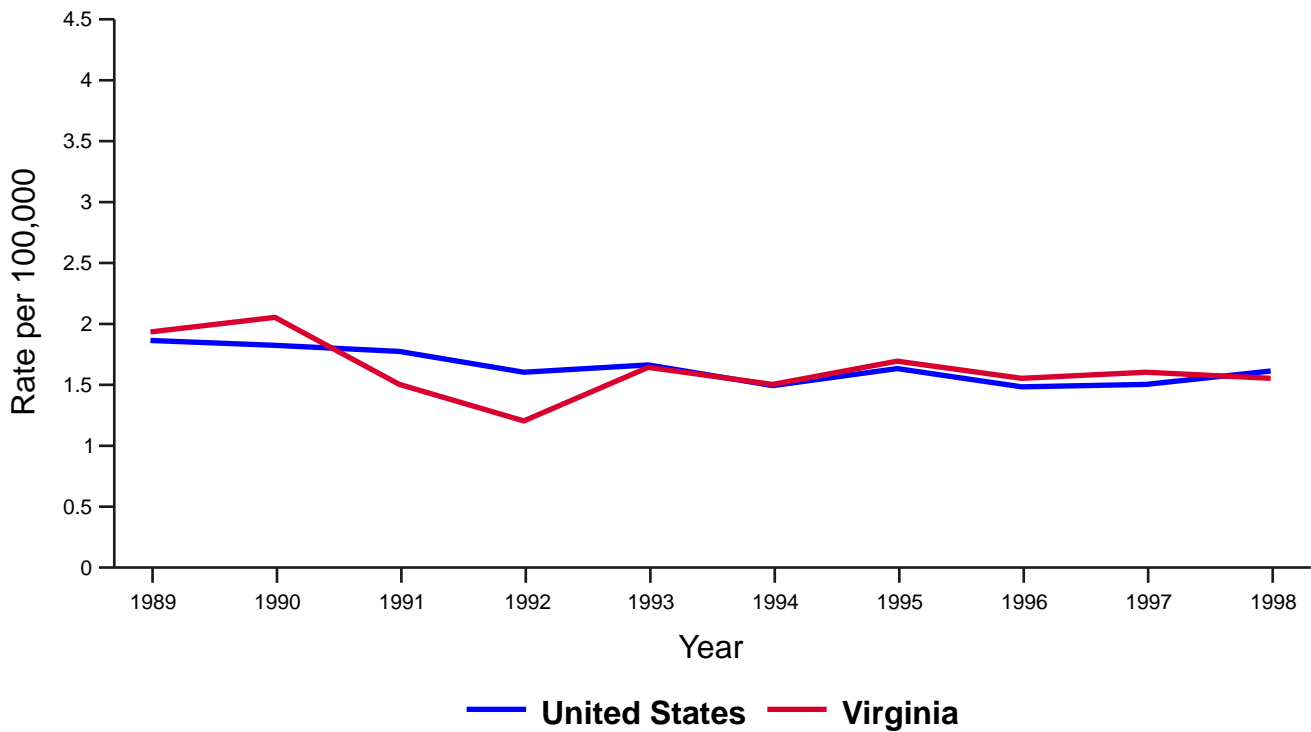
United States and Virginia 1989-1998



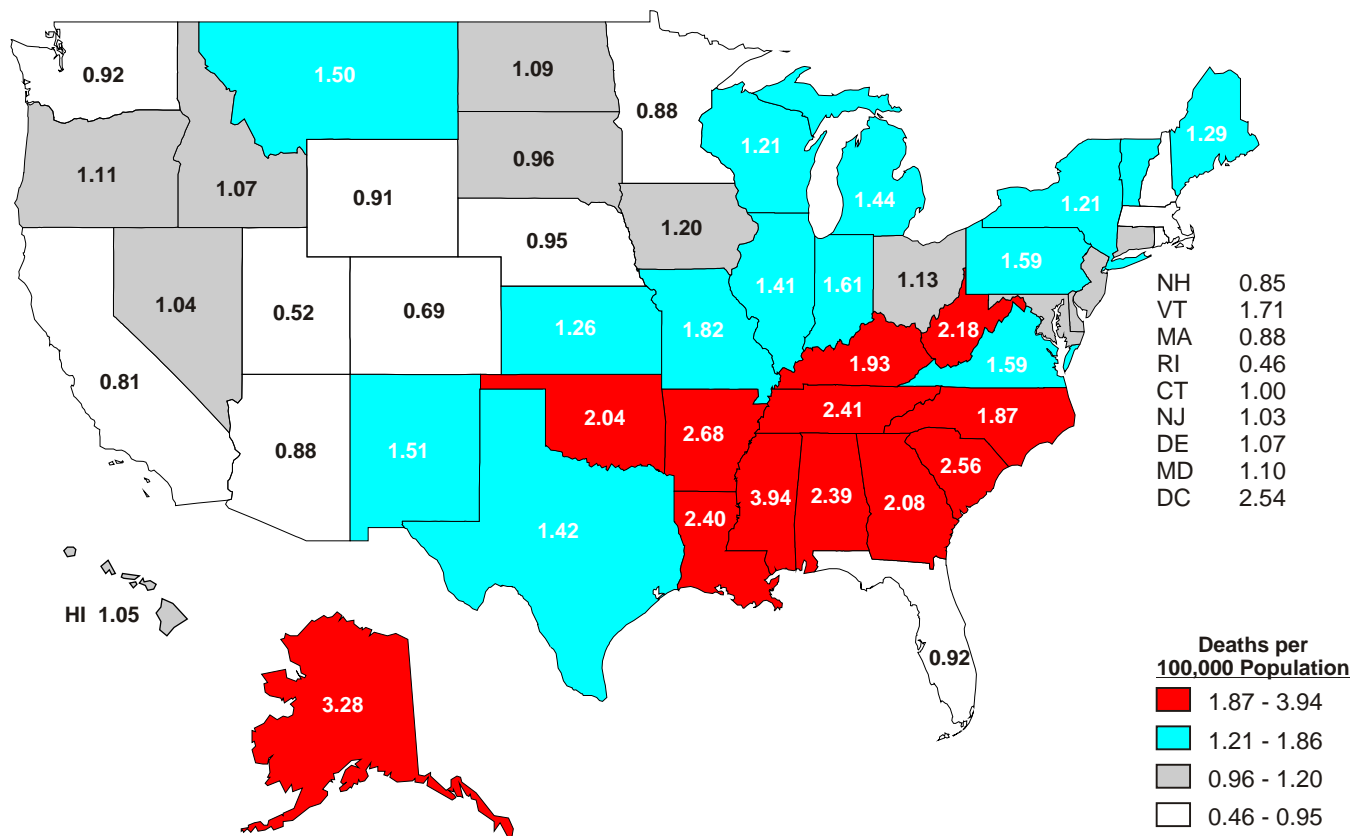
Unintentional Drowning Death Rates United States, 1996-1998



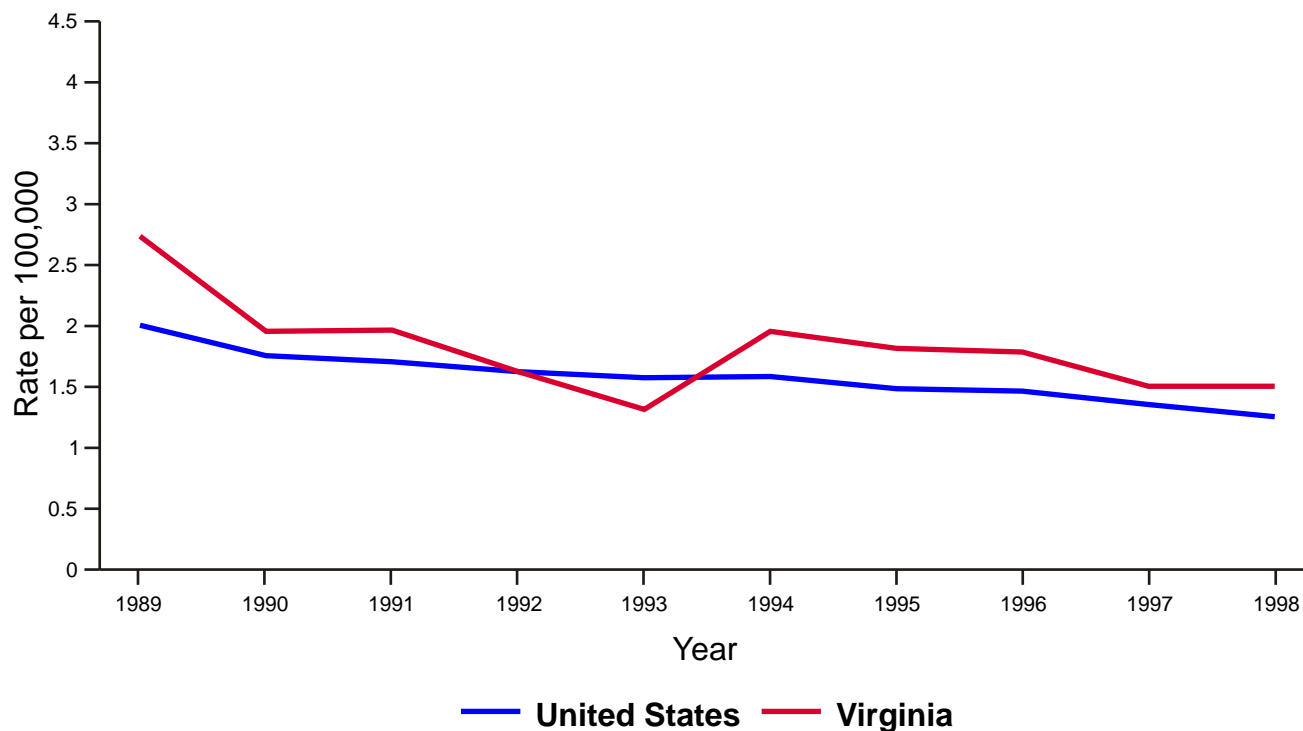
United States and Virginia 1989-1998



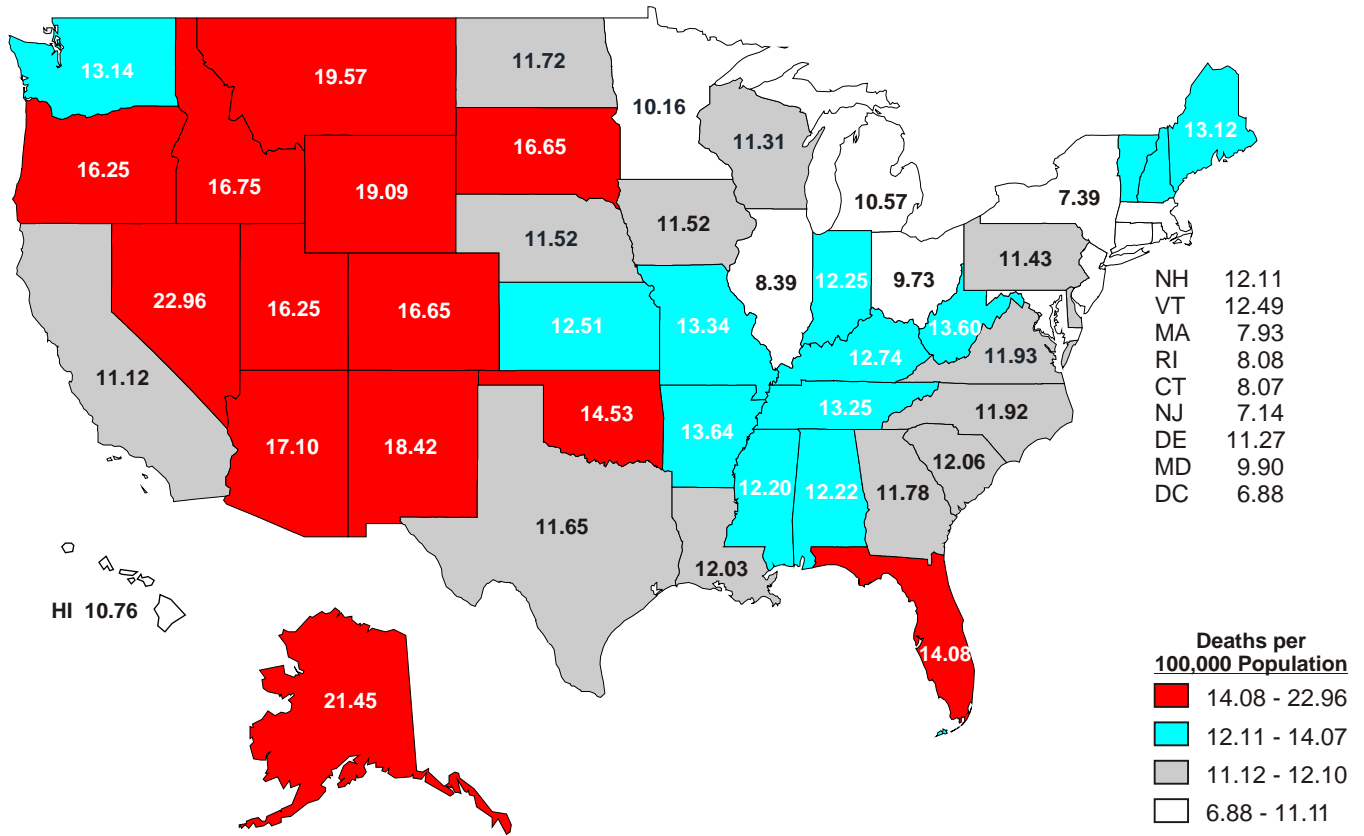
Unintentional Fire and Burn-Related Death Rates United States, 1996-1998



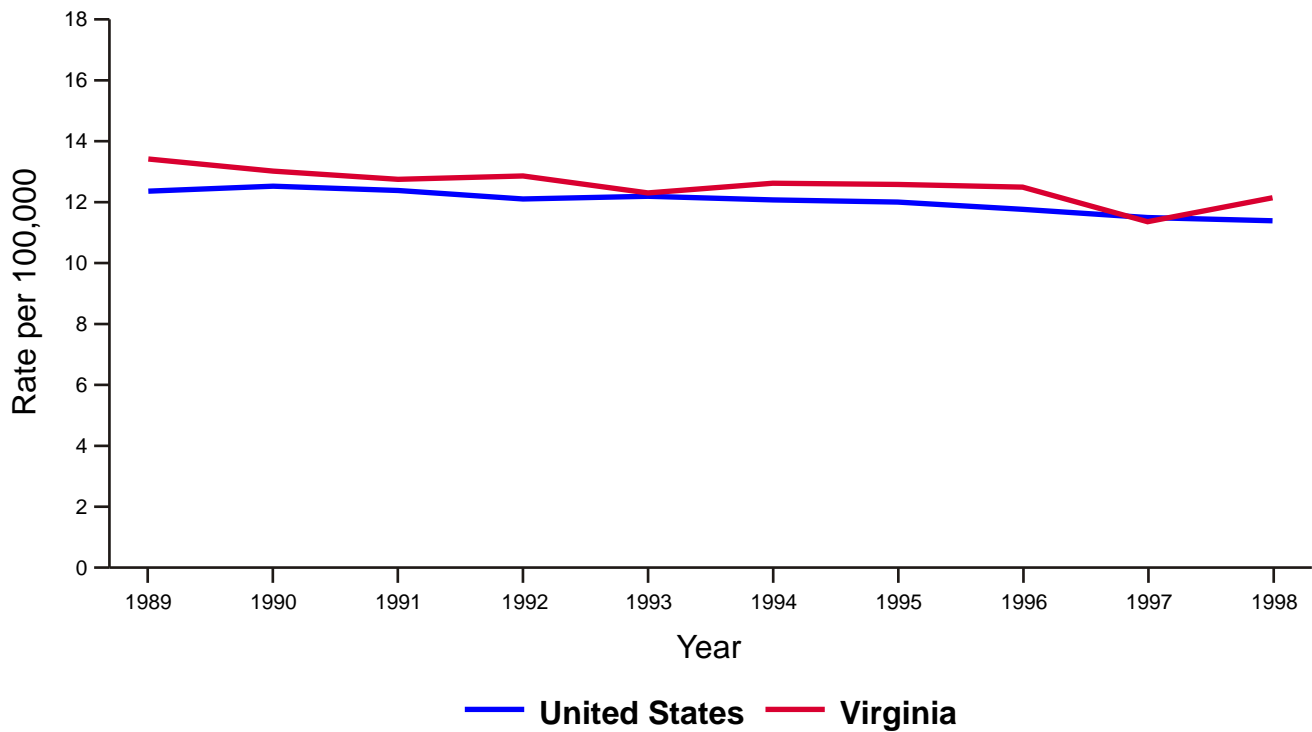
United States and Virginia 1989-1998



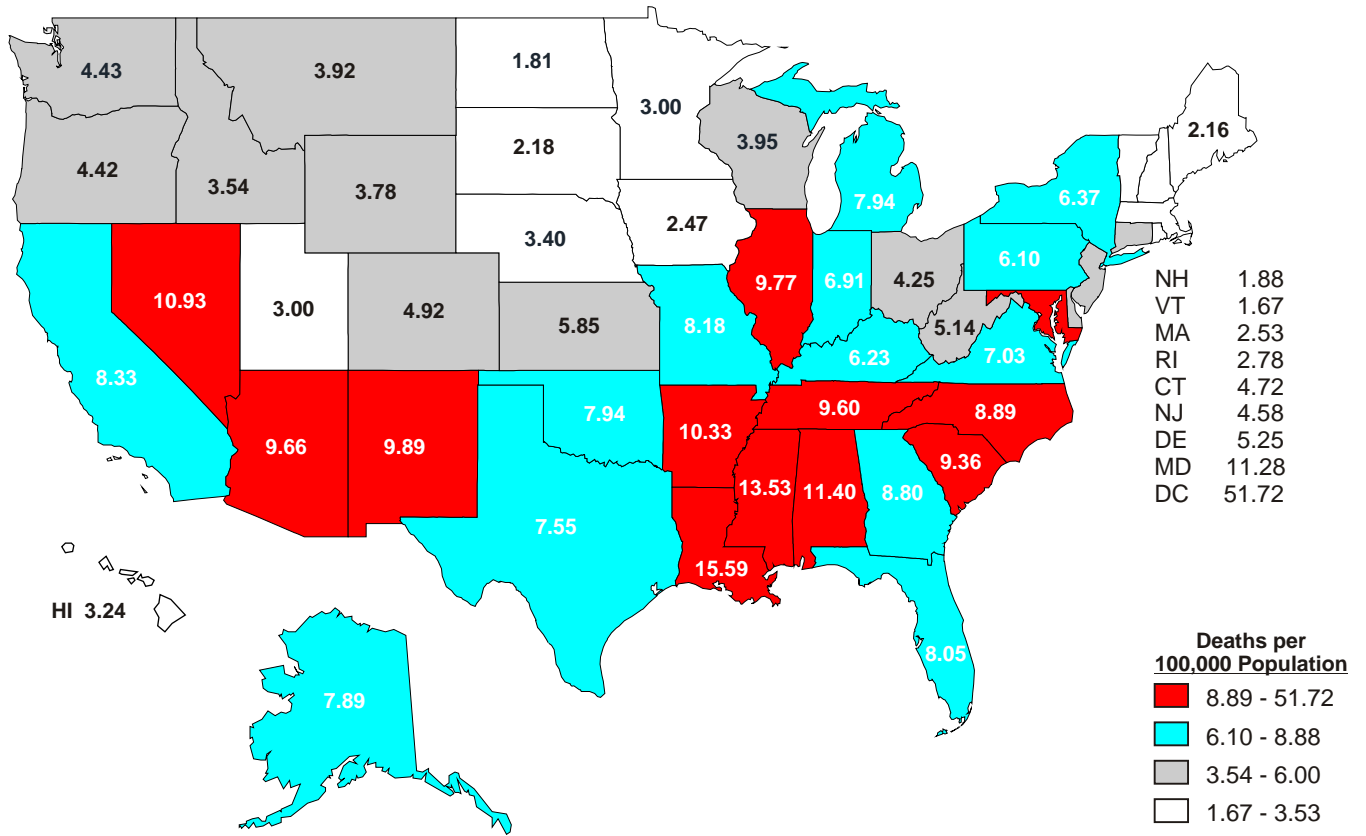
Suicide Death Rates United States, 1996-1998



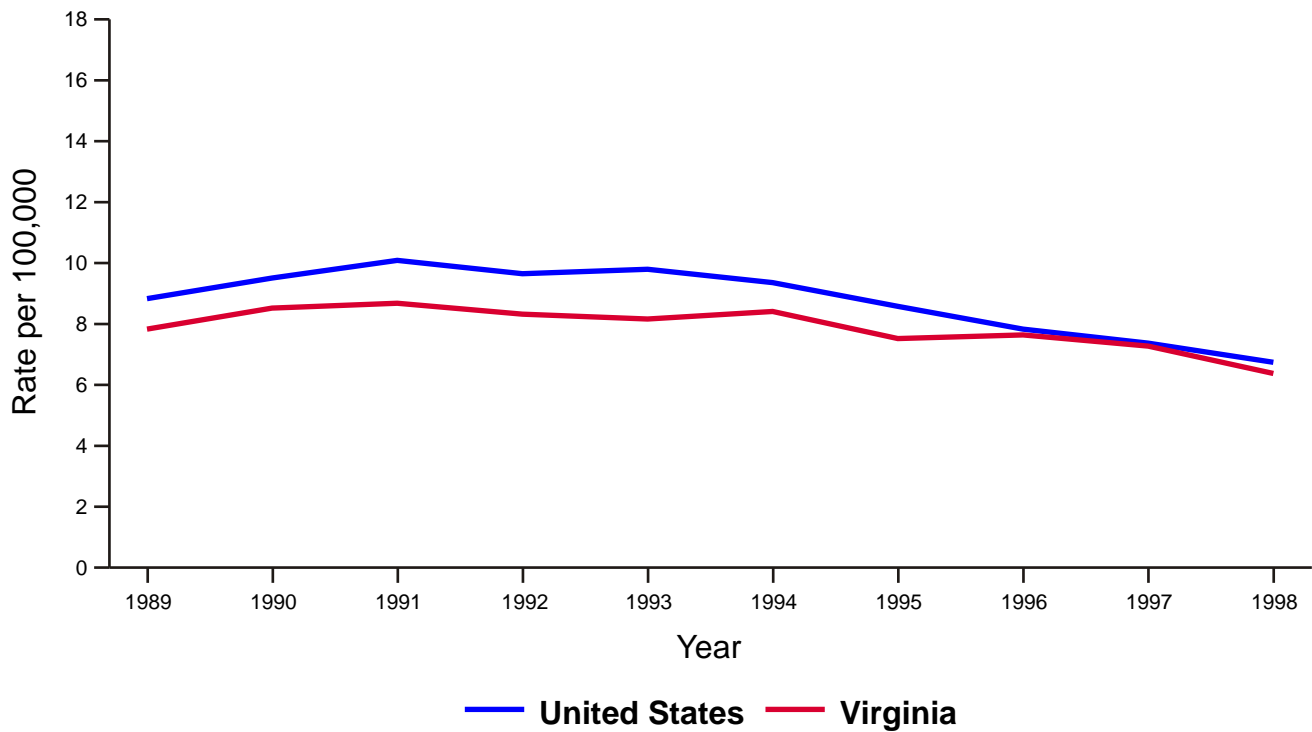
United States and Virginia 1989-1998



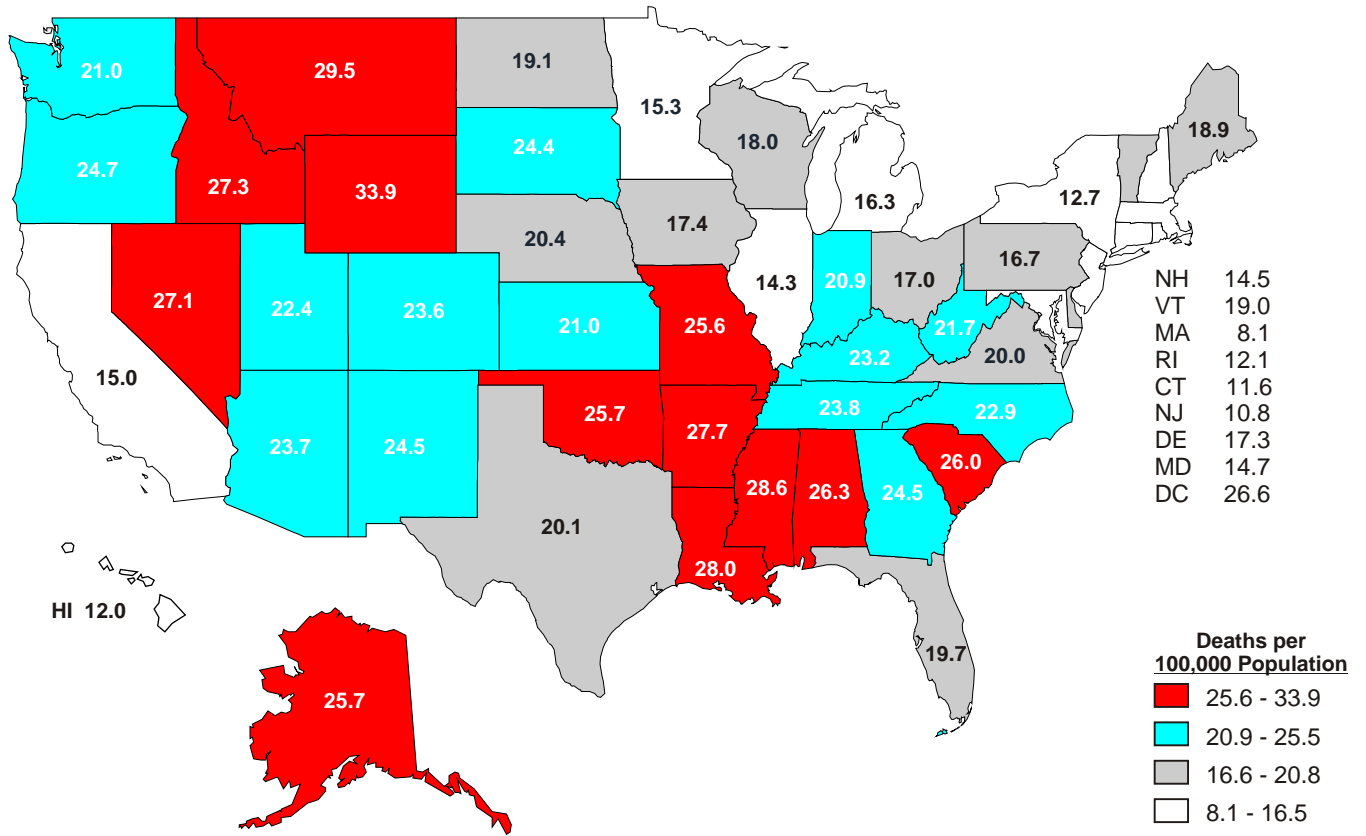
Homicide Death Rates United States, 1996-1998



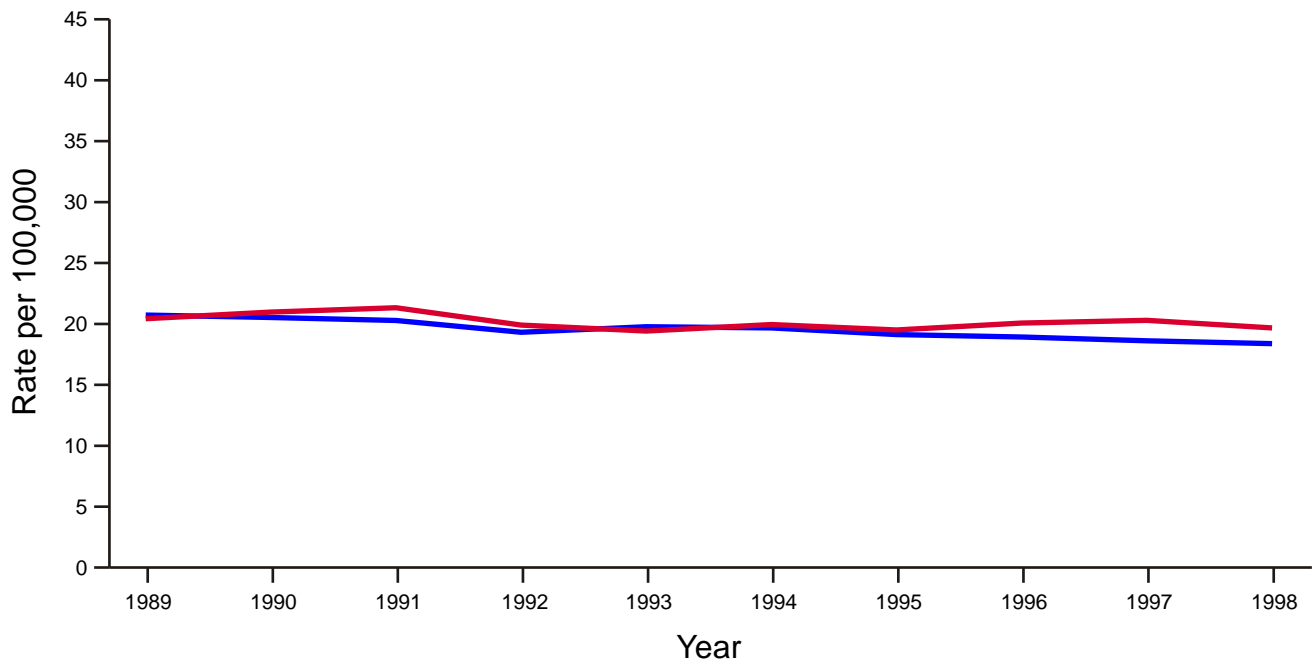
United States and Virginia 1989-1998



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



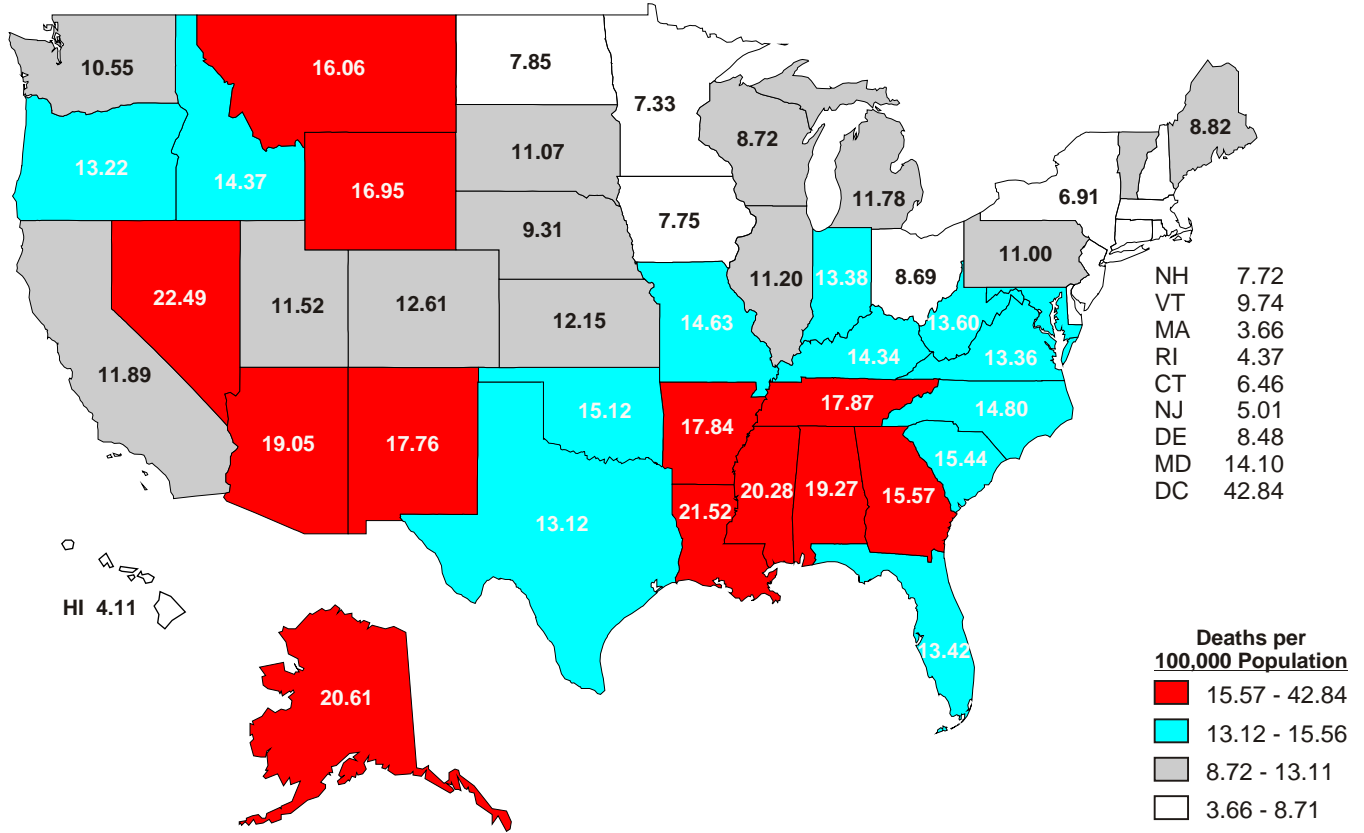
United States and Virginia 1989-1998



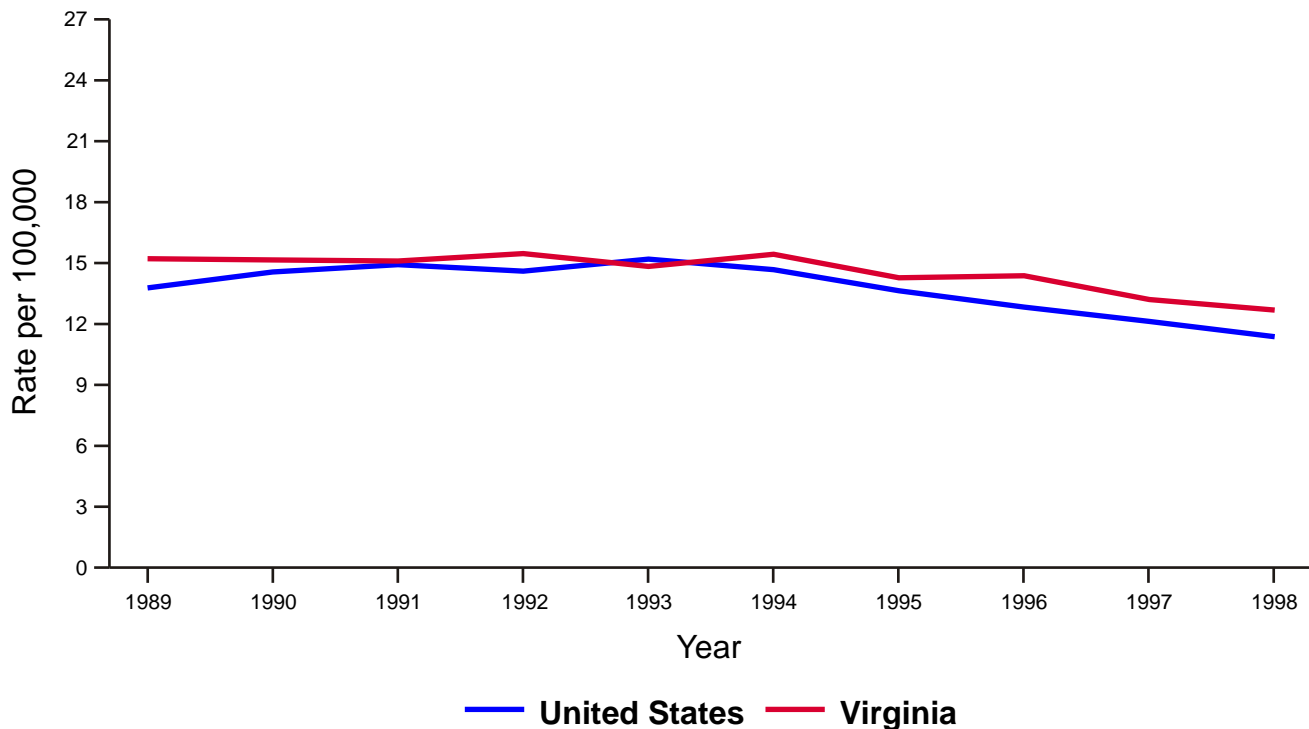
— United States — Virginia

* 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

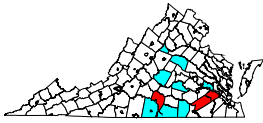


United States and Virginia 1989-1998

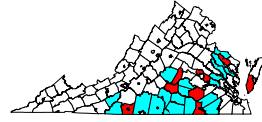


* Includes deaths from firearm suicide, firearm homicide, unintentional firearm-related deaths, and firearm-related deaths of undetermined intent.

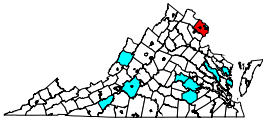
Virginia 1989-1998



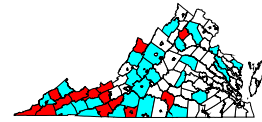
Motor Vehicle
923 Deaths/Year
 U.S. 16.4
 VA 14.2



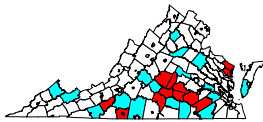
Homicides
539 Deaths/Year
 U.S. 8.7
 VA 7.9



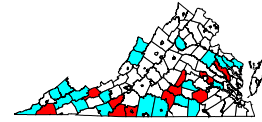
Falls
209 Deaths/Year
 U.S. 4.3
 VA 3.9



Suicides
806 Deaths/Year
 U.S. 12.0
 VA 12.5
 Excess Deaths/Year **34**



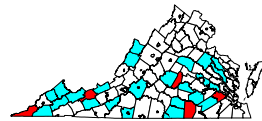
Fires/Burns
110 Deaths/Year
 U.S. 1.6
 VA 1.8
 Excess Deaths/Year **14**



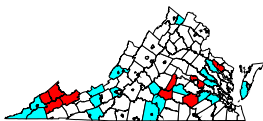
Firearms
963 Deaths/Year
 U.S. 13.7
 VA 14.5
 Excess Deaths/Year **54**



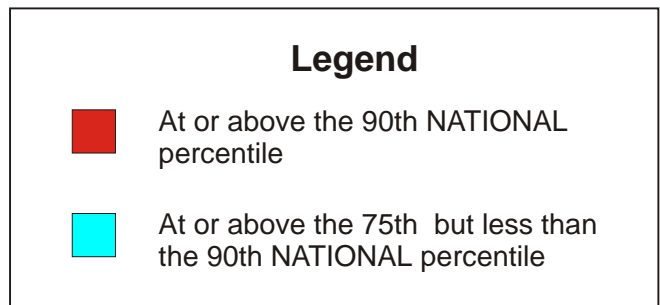
Drownings
106 Deaths/Year
 U.S. 1.7
 VA 1.6



Traumatic Brain Injury
1,148 Deaths/Year
 U.S. 18.5
 VA 17.9



Poisonings
181 Deaths/Year
 U.S. 3.2
 VA 2.7



CDC-Funded Injury Control Projects

SAFER·HEALTHIER·PEOPLE™

CDC-Funded Injury Control Projects in VIRGINIA

The National Center for Injury Prevention and Control (NCIPC) funds five programs in Virginia to build the state's ability to keep its citizens safe. New this year in Virginia is an Academic Center of Excellence on Youth Violence.

National Academic Centers of Excellence

National Academic Centers of Excellence on Youth Violence

Virginia Commonwealth University is one of ten centers created in October 2000 to link university-based research into violence with community programs to address youth violence. Virginia Commonwealth University was named a 'developing' center for non-research activities related to youth violence prevention such as training, technical assistance, program and policy development and evaluation, advocacy, and media outreach. The center will also coordinate small pilot projects and develop and implement a community response plan and curricula for training health care professionals about youth violence prevention.

(Virginia Commonwealth University)

Intentional Injury

Evaluation Research Study in the Area of Aggression and Interpersonal Youth Violence

Researchers will assess the outcome and cost-effectiveness of a school-based intervention relying on social and conflict resolution skills to prevent youth violence. Four sites are being employed to help determine whether middle-school interventions promoting anti-violence norms and behaviors should target all children, only high-risk youth and their families, or both.

(Virginia Commonwealth University, Richmond)

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.

(Virginia Department of Health)

Unintentional Injury

Prevention of Fire-Related Injuries

A project to prevent fire-related deaths and injuries in targeted communities.

(Virginia Commonwealth University)

Program to Prevent Fire- and Fall-Related Injuries in Older Adults

This is a collaborative effort of the Virginia Department of Health, the Virginia Department Fire Programs, the Virginia Department of Aging, local area agencies on aging, local health departments, fire departments, and other groups. Through group presentations, program staff will implement “Remembering When, A Fire and Fall Prevention Program for Older Adults” among more than 3,000 older adults. In addition, staff will visit more than 900 homes in target areas to identify safety hazards and install safety devices where needed.

(Virginia Department of Health)

Notes

Notes