

State Injury Profile for Tennessee

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.olderadultinjury.org, or call 1-619-594-0986

State Injury Profile for Tennessee 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**

Tennessee

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 399	Unintentional Injuries 140	Unintentional Injuries 134	Unintentional Injuries 132	Unintentional Injuries 1,192	Unintentional Injuries 1,077	Unintentional Injuries 1,196	Malignant Neoplasms 3,303	Malignant Neoplasms 6,574	Heart Disease 39,395	Heart Disease 49,416
2	Short Gestation 280	Congenital Anomalies 36	Malignant Neoplasms 35	Malignant Neoplasms 30	Homicide 423	Suicide 421	Malignant Neoplasms 1,158	Heart Disease 3,008	Heart Disease 5,427	Malignant Neoplasms 23,901	Malignant Neoplasms 35,468
3	SIDS 272	Malignant Neoplasms 24	Congenital Anomalies 13	Suicide 21	Suicide 263	Homicide 418	Heart Disease 1,153	Unintentional Injuries 841	Bronchitis Emphysema Asthma 954	Cerebrovascular 10,332	Cerebrovascular 11,989
4	Respiratory Distress Synd. 85	Homicide 15	Homicide 13	Congenital Anomalies 16	Malignant Neoplasms 98	Malignant Neoplasms 340	Suicide 507	Cerebrovascular 483	Cerebrovascular 868	Bronchitis Emphysema Asthma 6,108	Unintentional Injuries 7,789
5	Perinatal Infections 75	Heart Disease 13	Heart Disease 8	Homicide 14	Heart Disease 70	HIV 303	HIV 361	Liver Disease 386	Unintentional Injuries 611	Pneumonia & Influenza 5,462	Bronchitis Emphysema Asthma 7,409
6	Placenta Cord Membranes 55	Pneumonia & Influenza 9	Pneumonia & Influenza 6	Heart Disease 12	Congenital Anomalies 26	Heart Disease 276	Homicide 333	Suicide 341	Diabetes 578	Diabetes 2,820	Pneumonia & Influenza 6,130
7	Unintentional Injuries 52	Bronchitis Emphysema Asthma 5	Bronchitis Emphysema Asthma 3	Bronchitis Emphysema Asthma 9	Cerebrovascular 16	Cerebrovascular 51	Liver Disease 224	Diabetes 315	Liver Disease 361	Unintentional Injuries 2,410	Diabetes 3,915
8	Maternal Complications 36	Perinatal Period 5	11 Tied	Pneumonia & Influenza 6	Pneumonia & Influenza 15	Diabetes 48	Cerebrovascular 217	Bronchitis Emphysema Asthma 230	Pneumonia & Influenza 322	Alzheimer's Disease 1,323	Suicide 2,164
9	Intrauterine Hypoxia 34	Septicemia 5	11 Tied	Cerebrovascular 4	Bronchitis Emphysema Asthma 14	Liver Disease 42	Diabetes 140	Homicide 174	Suicide 249	Atherosclerosis 1,057	Liver Disease 1,619
10	Neonatal Hemorrhage 24	2 Tied	11 Tied	2 Tied	Diabetes 14	Pneumonia & Influenza 31	Pneumonia & Influenza 103	Pneumonia & Influenza 153	Septicemia 120	Nephritis 1,003	Homicide 1,584

Tennessee Total Number of Injury Deaths

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Unintentional Injury	7,789	67.5%
Intentional Injury	3,748	32.5%
Total (1996-1998)	11,537	100.0%

Average Number of Injury Deaths per Year
In Tennessee = **3,846**

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%

Tennessee Only Unintentional Injury

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
MV Traffic	3,649	46.8%
Fall	739	9.5%
Poisoning	558	7.2%
Fire/Burn	383	4.9%
Suffocation	368	4.7%
Other Causes	<u>2,092</u>	<u>26.9%</u>
	7,789	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%

Tennessee Only Suicide

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	1,517	70.1%
Poisoning	298	13.8%
Suffocation	246	11.4%
Other Causes	<u>103</u>	<u>4.8%</u>
	2,164	100.1%

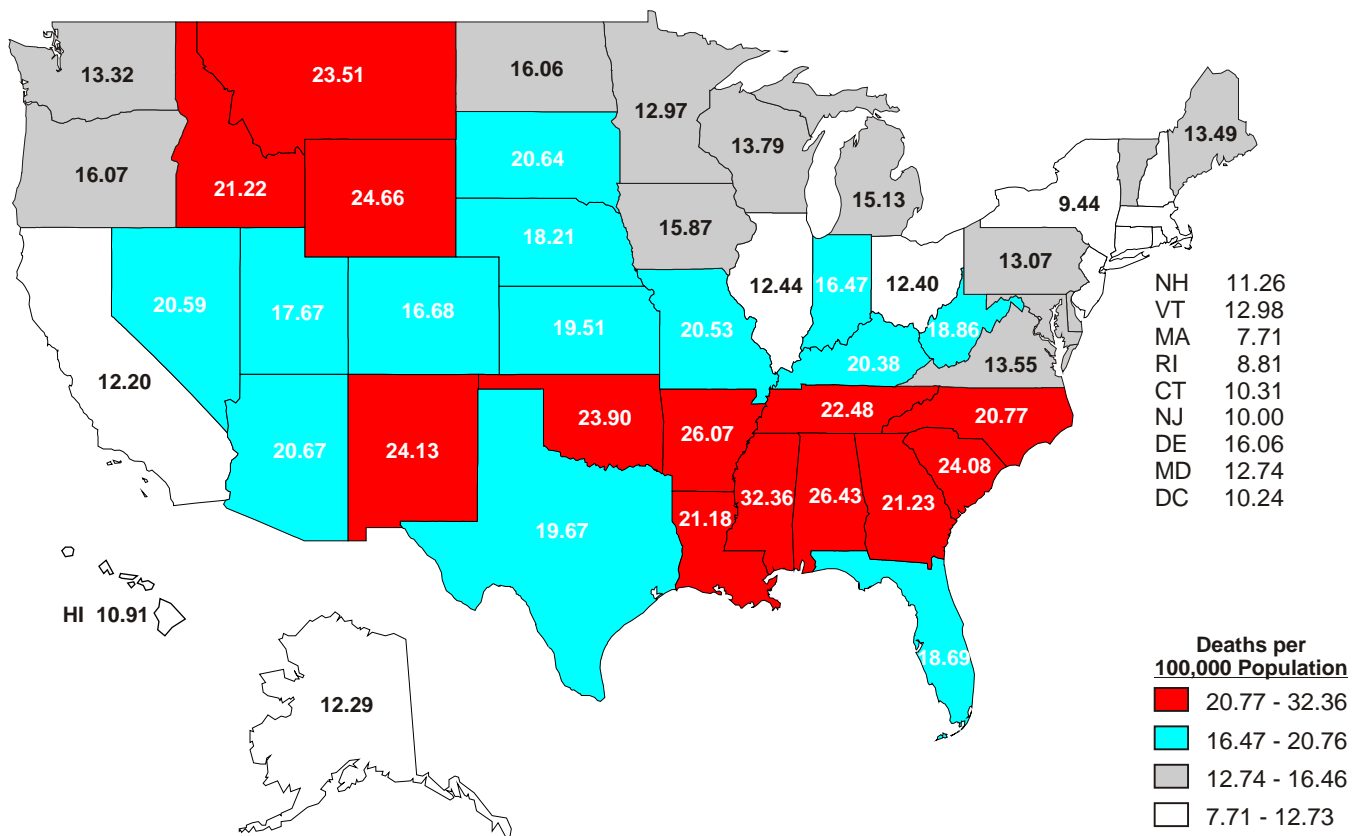
United States Homicide and Legal Intervention

<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%

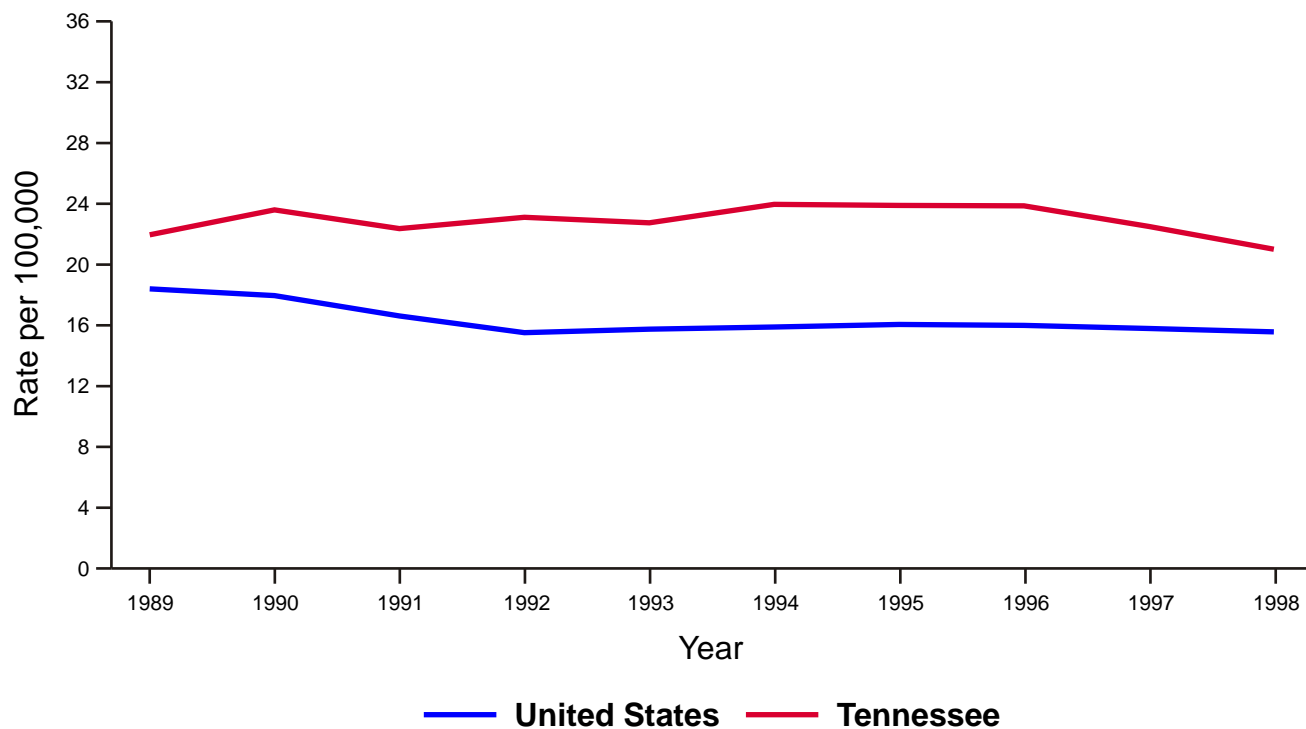
Tennessee Only Homicide and Legal Intervention

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	1,144	72.2%
Cut/Pierce	184	11.6%
Suffocation	37	2.3%
Other Causes	<u>219</u>	<u>13.8%</u>
	1,584	99.9%

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



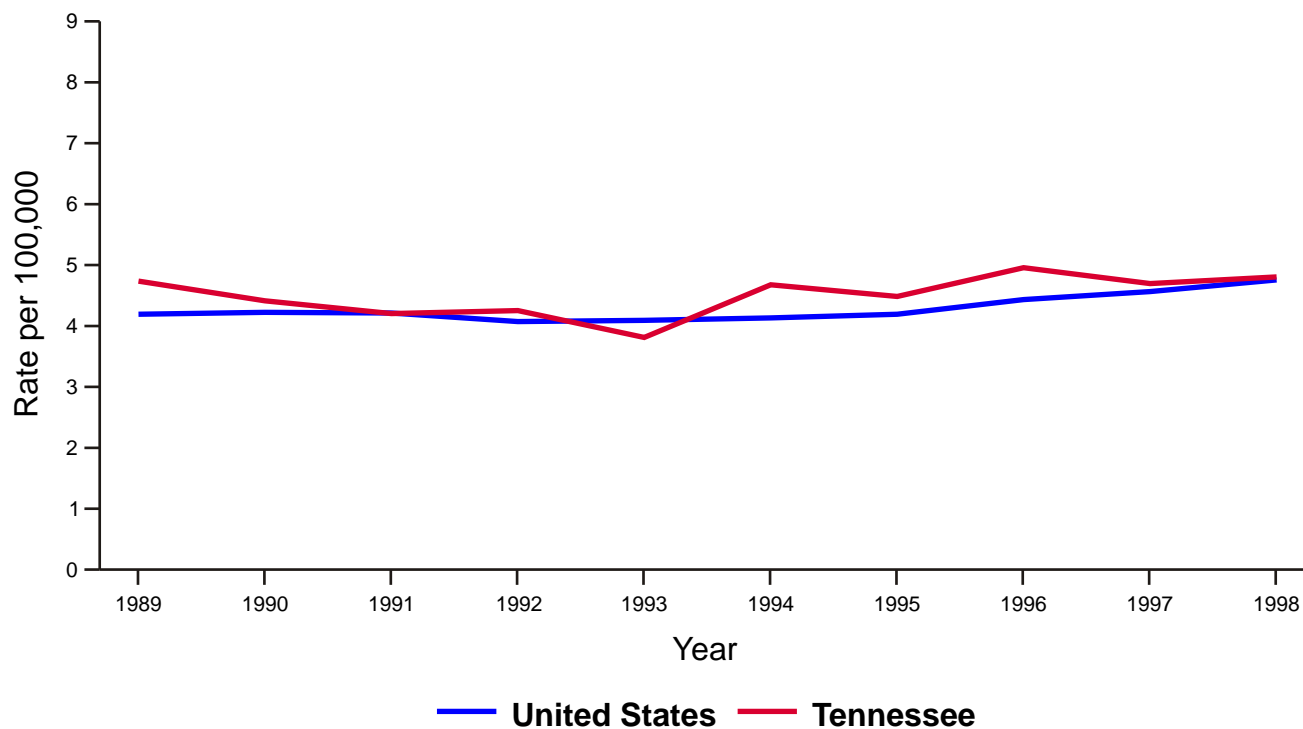
United States and Tennessee 1989-1998



Unintentional Fall Death Rates United States, 1996-1998



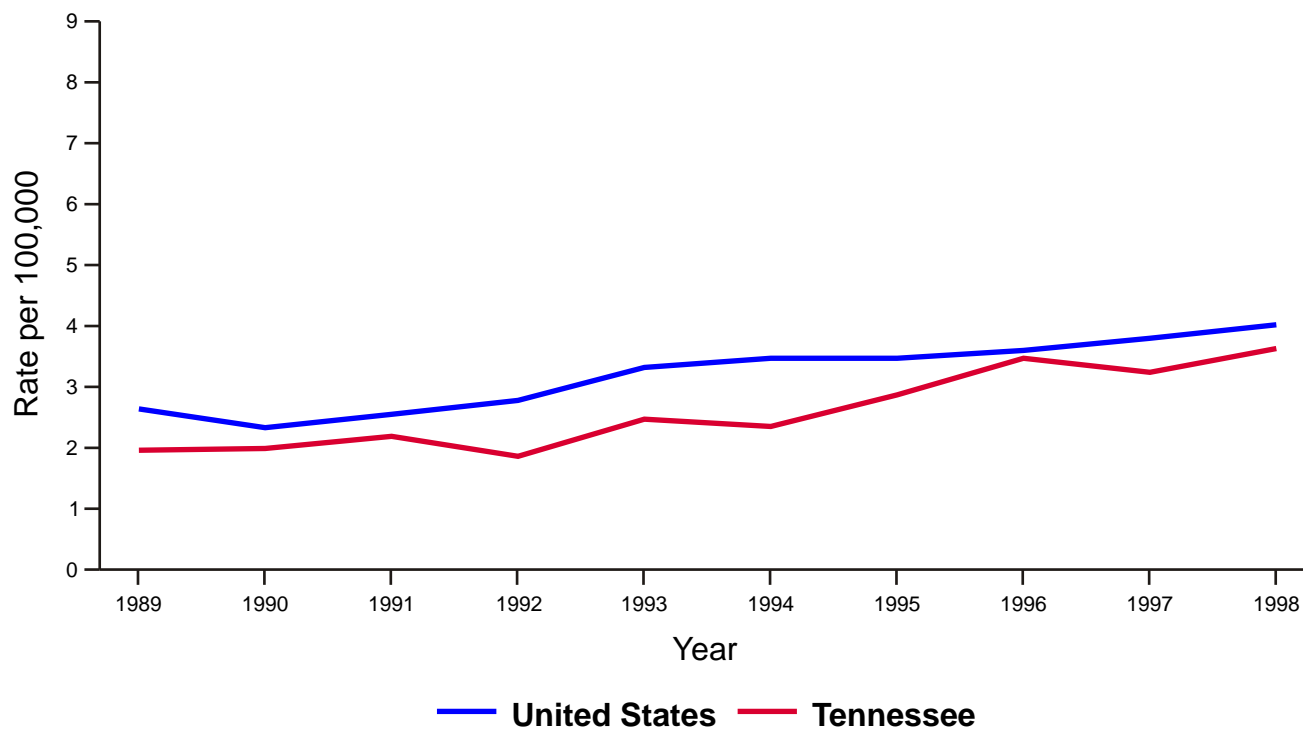
United States and Tennessee 1989-1998



Unintentional Poisoning Death Rates United States, 1996-1998



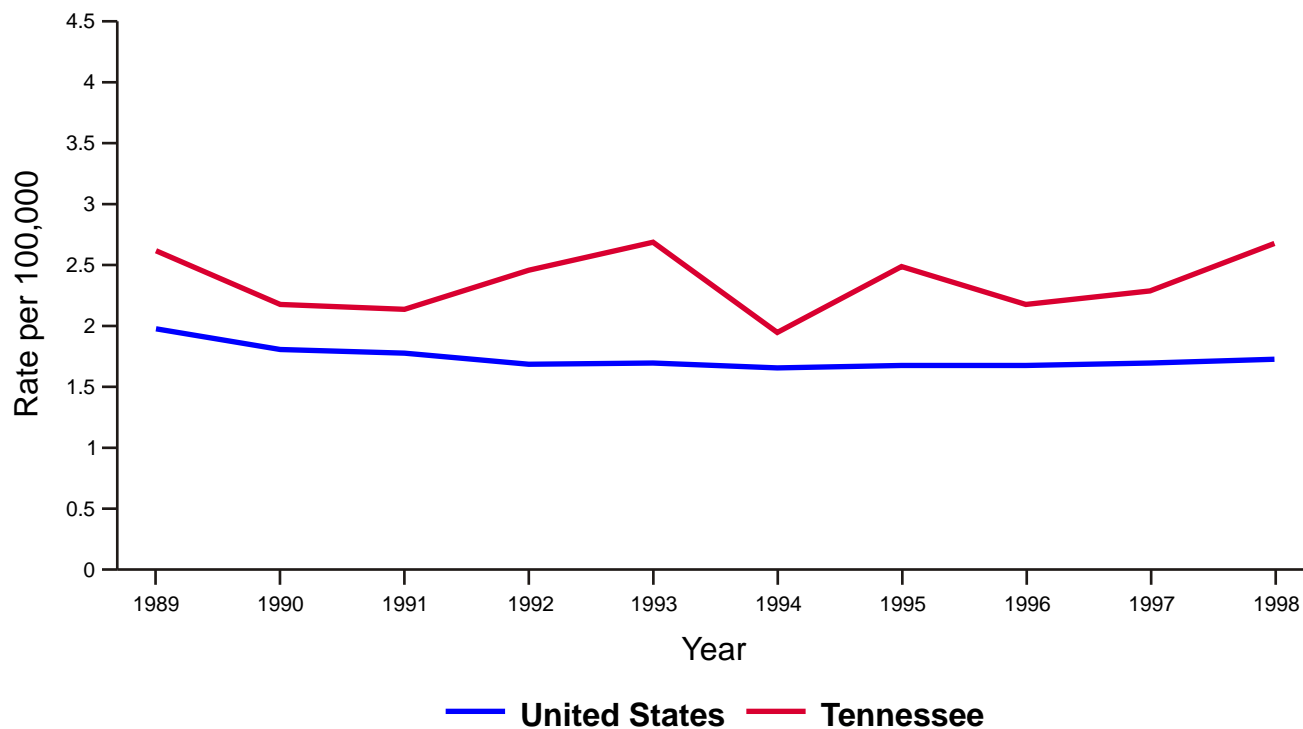
United States and Tennessee 1989-1998



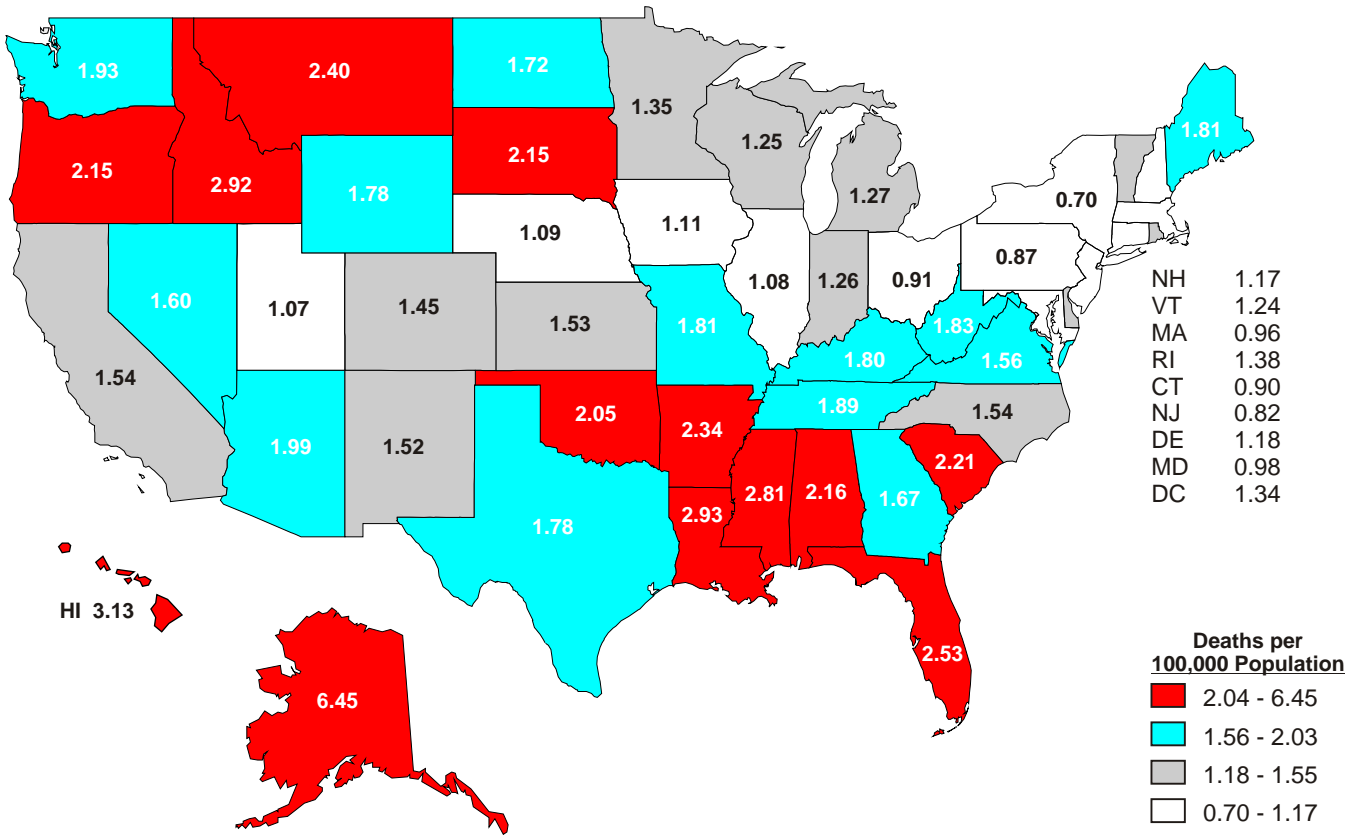
Unintentional Suffocation Death Rates United States, 1996-1998



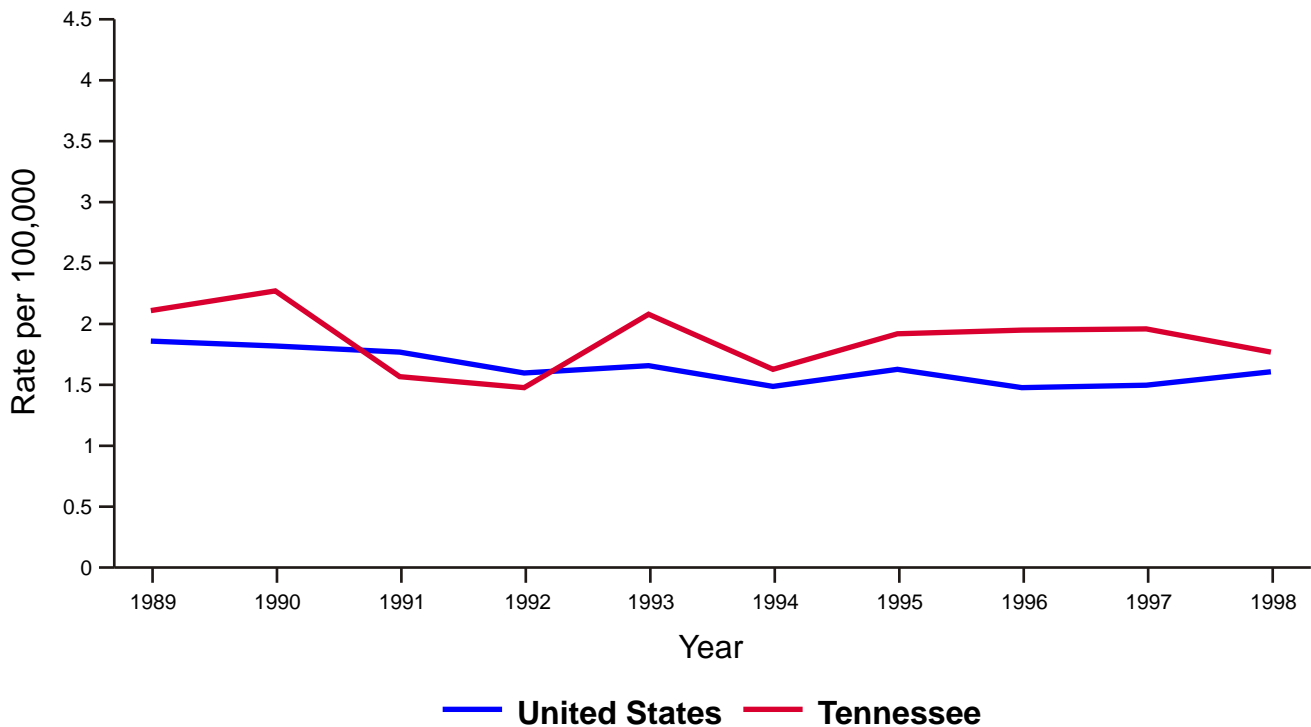
United States and Tennessee 1989-1998



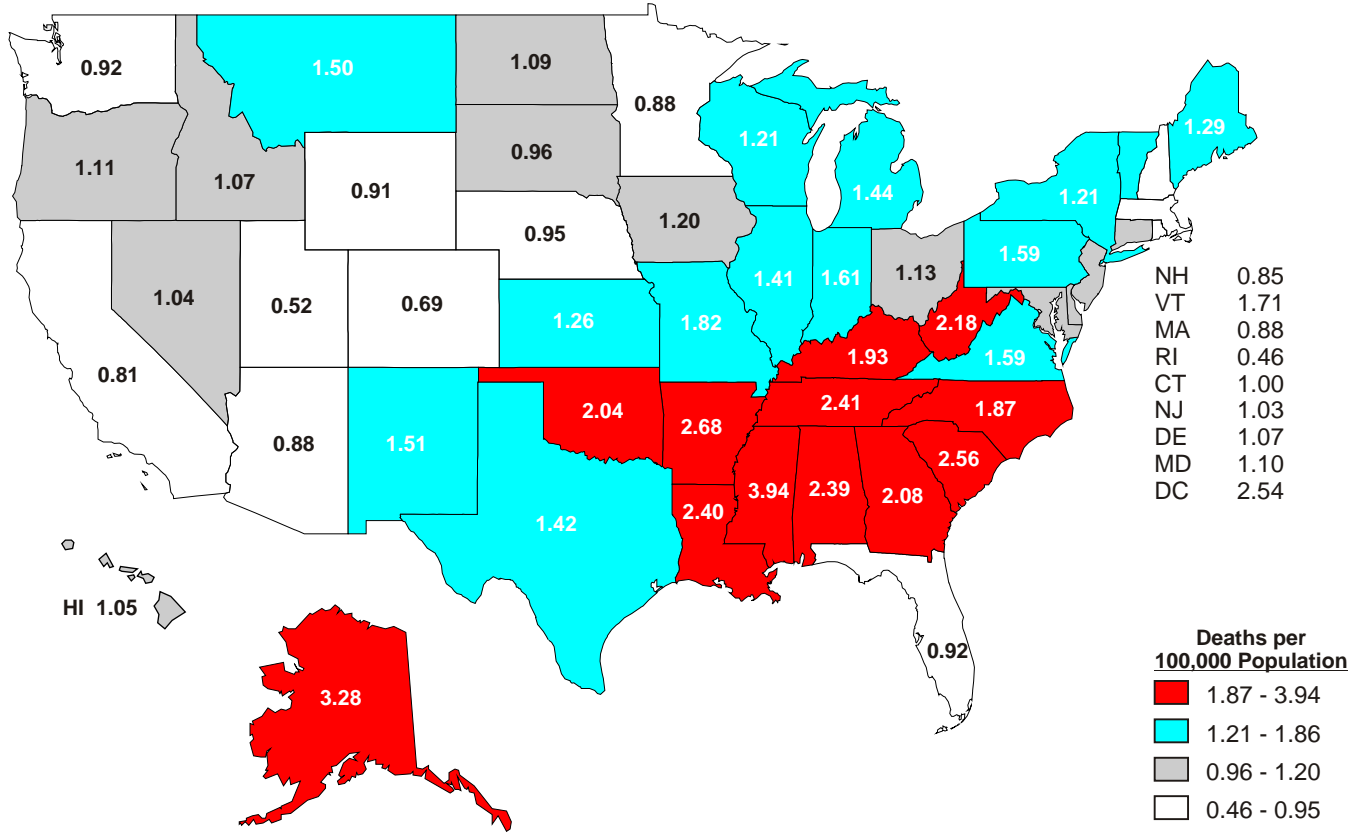
Unintentional Drowning Death Rates United States, 1996-1998



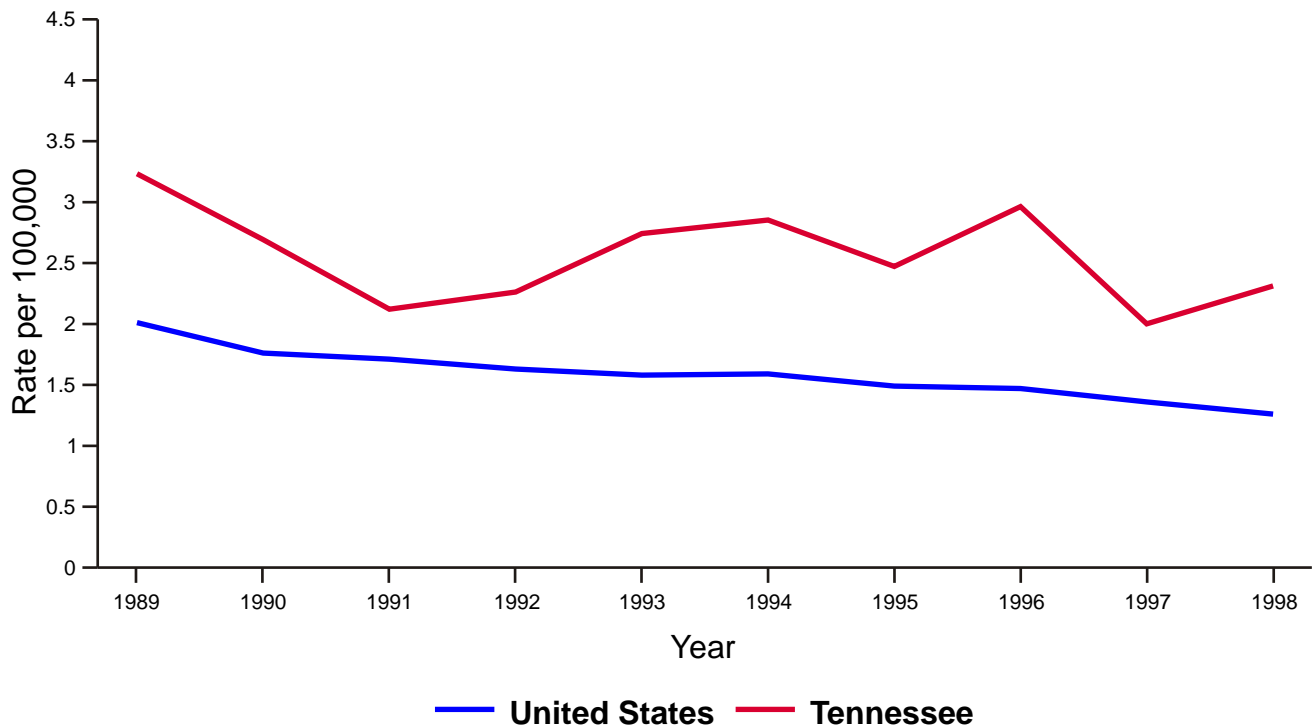
United States and Tennessee 1989-1998



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



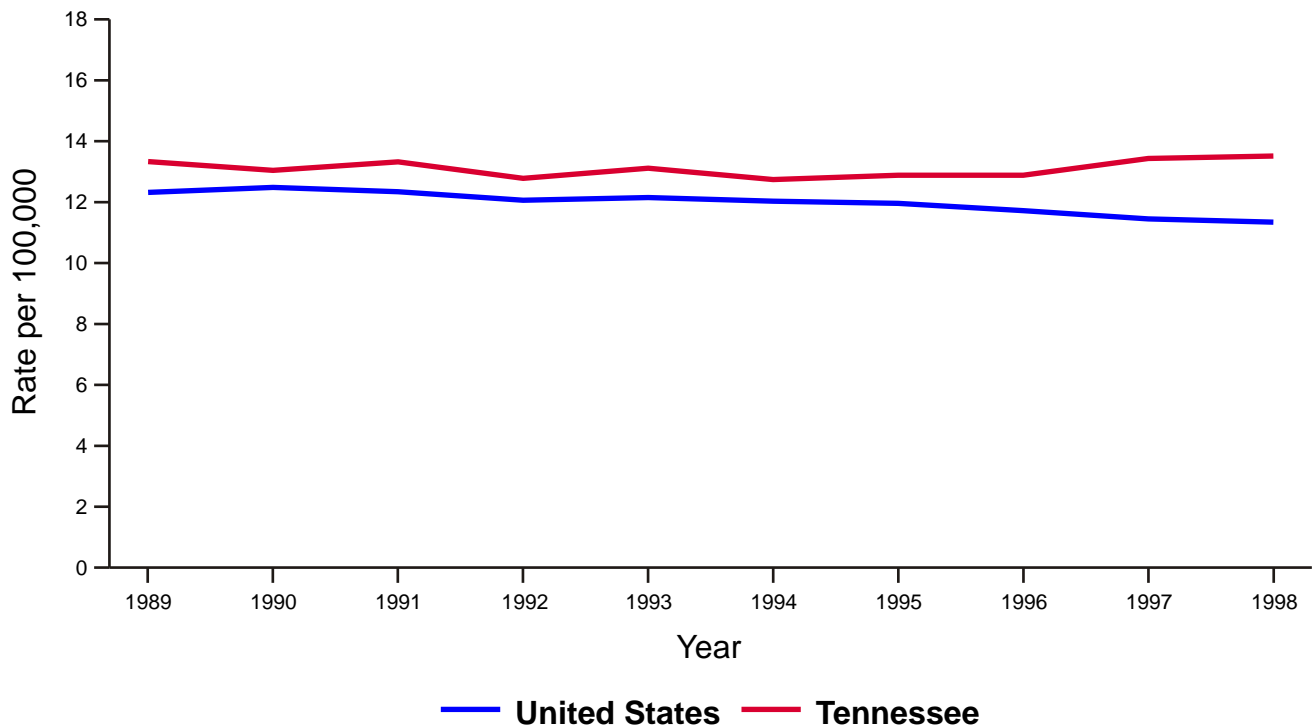
United States and Tennessee 1989-1998



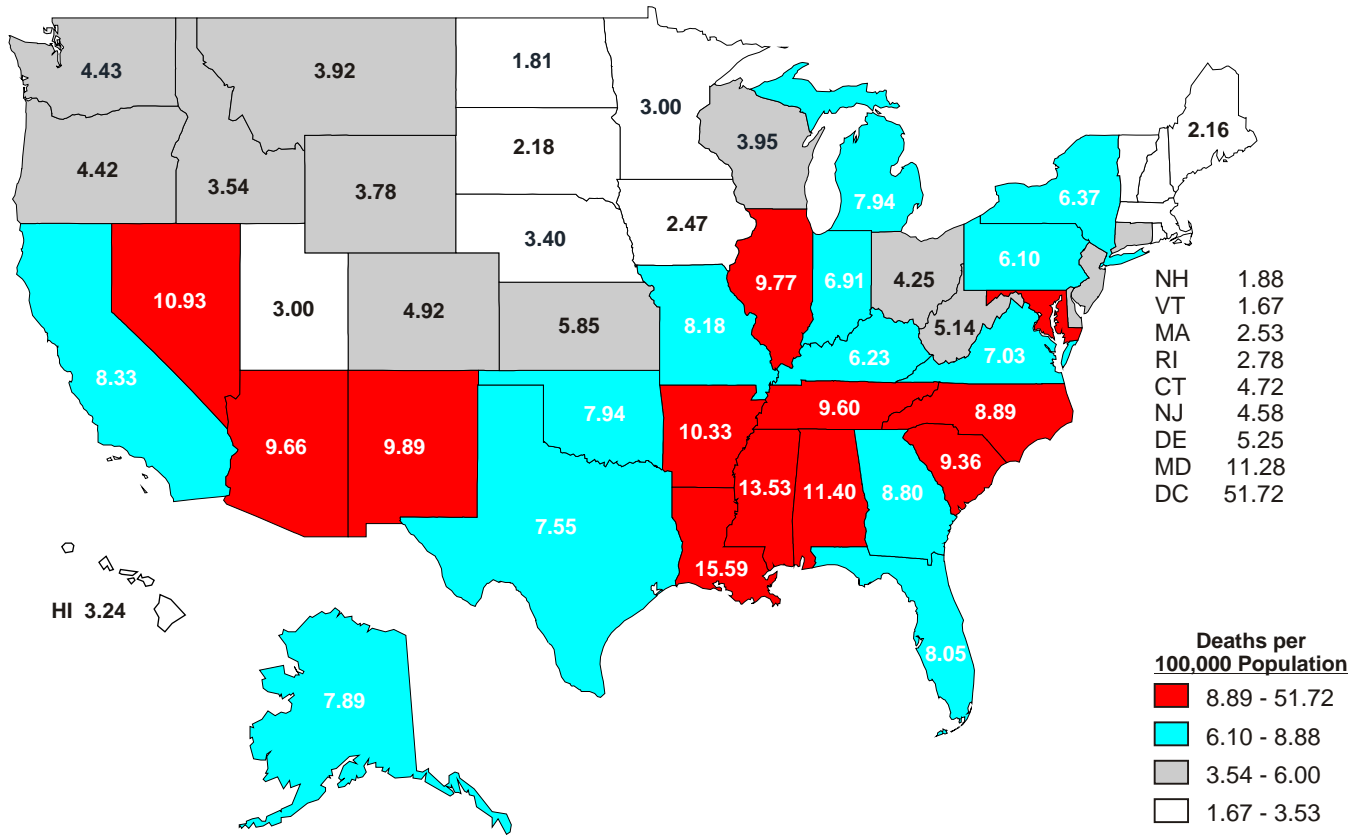
Suicide Death Rates United States, 1996-1998



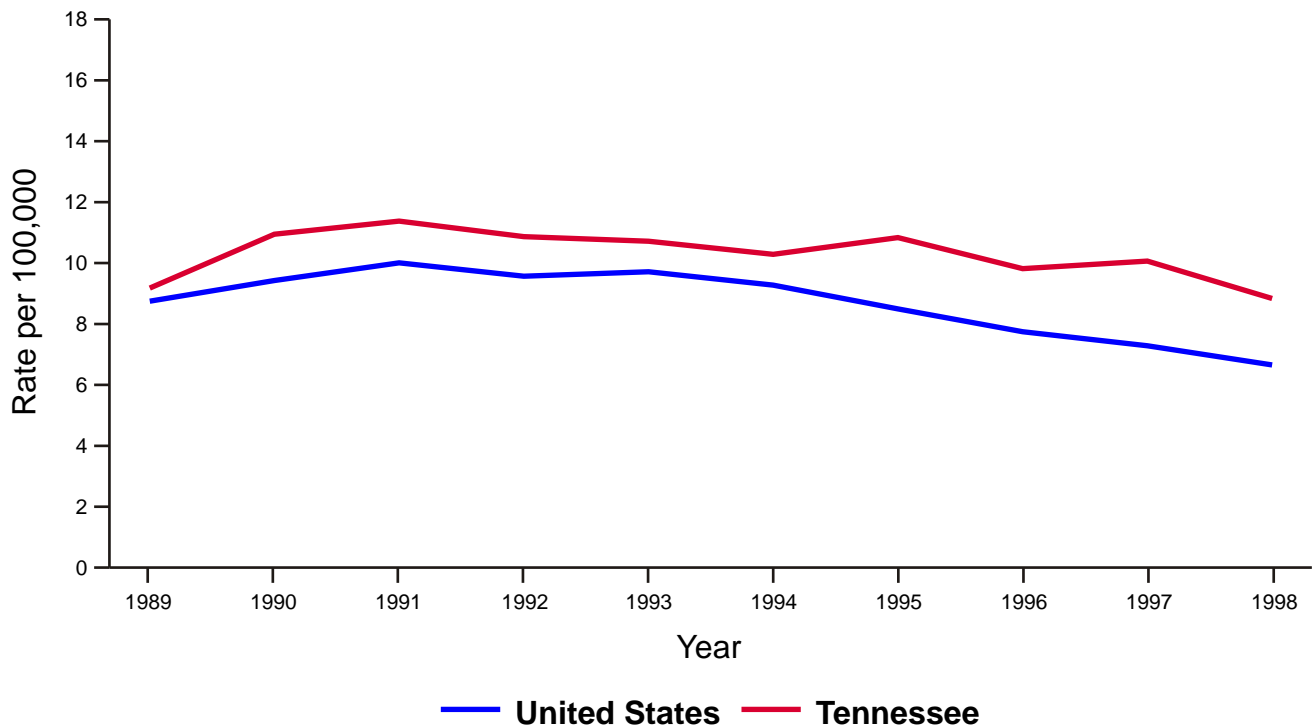
United States and Tennessee 1989-1998



Homicide Death Rates United States, 1996-1998



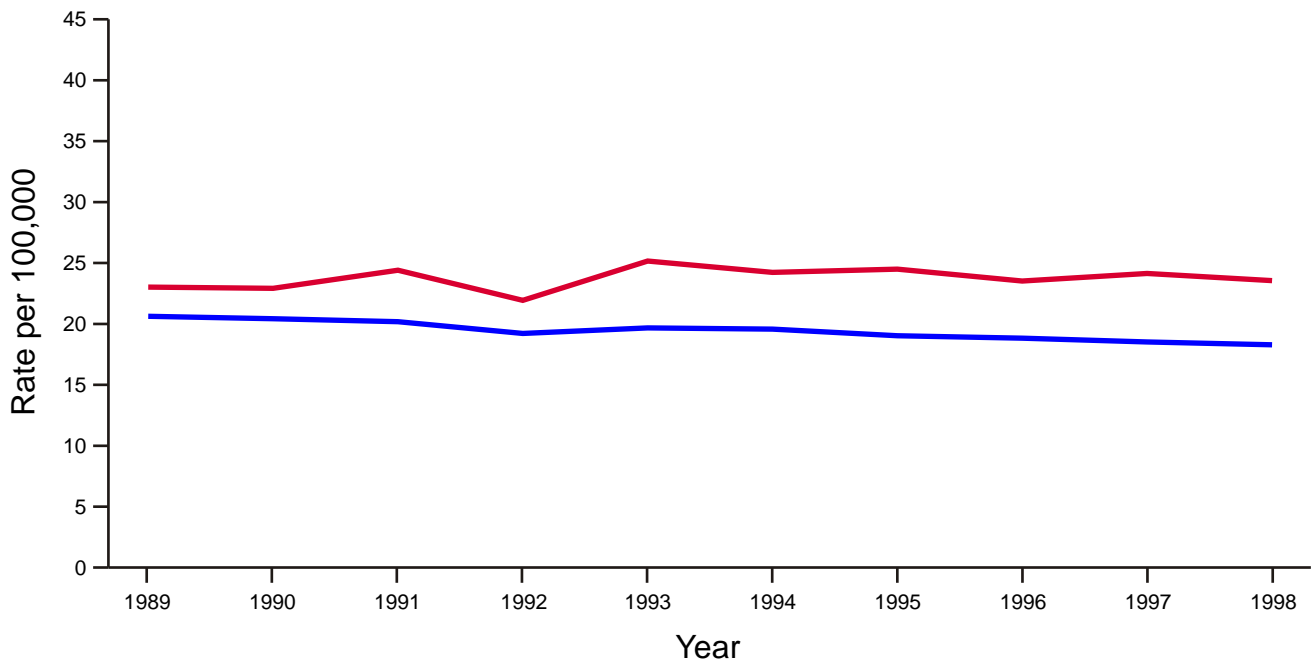
United States and Tennessee 1989-1998



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



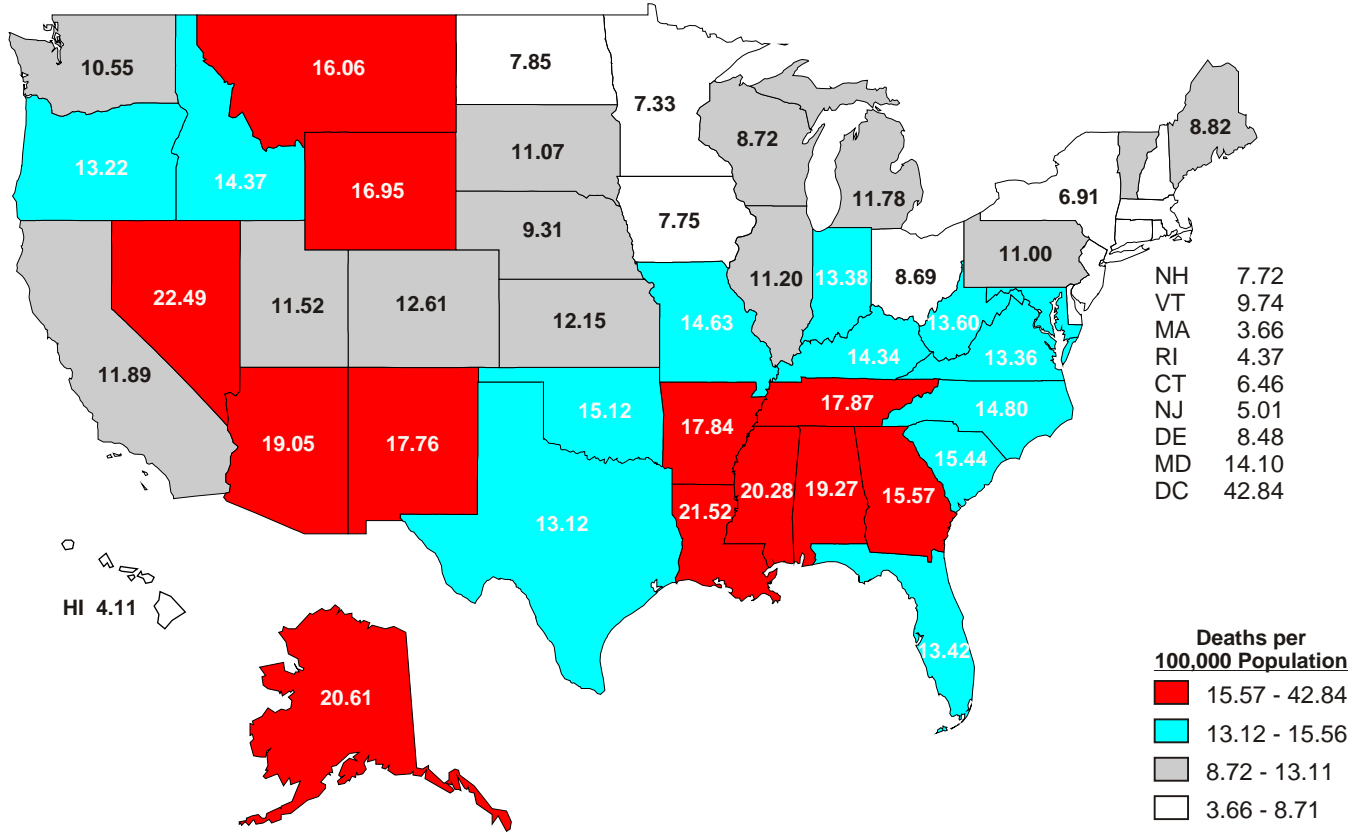
United States and Tennessee 1989-1998



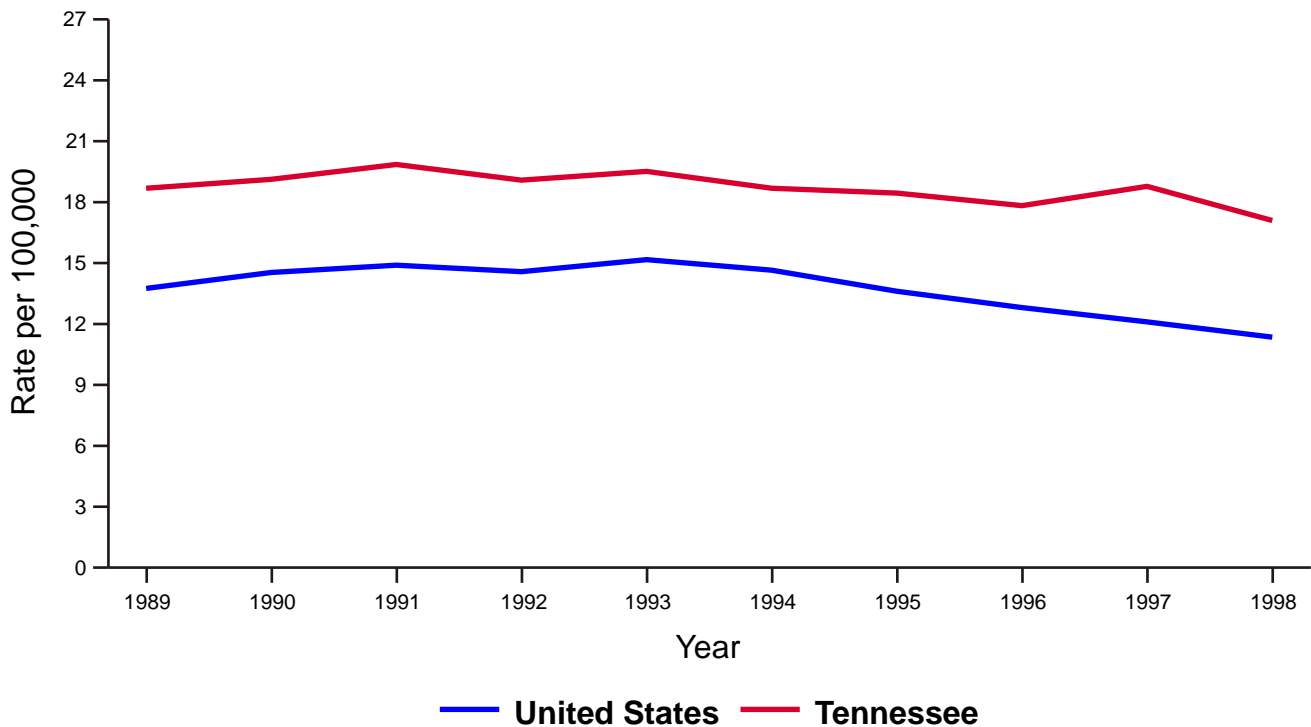
— United States — Tennessee

* 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

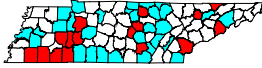


United States and Tennessee 1989-1998

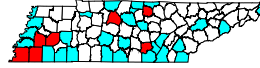


* Includes deaths from firearm suicide, firearm homicide, unintentional firearm-related deaths, and firearm-related deaths of undetermined intent.

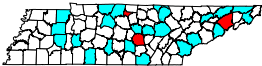
Tennessee 1989-1998



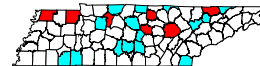
Motor Vehicle
1,195 Deaths/Year
 U.S. 16.4
 TN 22.9
 Excess Deaths/Year **337**



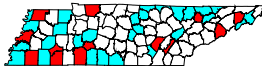
Homicides
546 Deaths/Year
 U.S. 8.7
 TN 10.3
 Excess Deaths/Year **83**



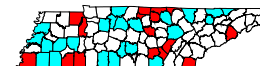
Falls
215 Deaths/Year
 U.S. 4.3
 TN 4.5
 Excess Deaths/Year **11**



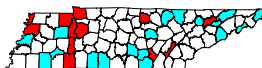
Suicides
679 Deaths/Year
 U.S. 12.0
 TN 13.1
 Excess Deaths/Year **58**



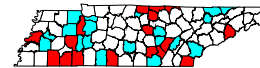
Fires/Burns
133 Deaths/Year
 U.S. 1.6
 TN 2.6
 Excess Deaths/Year **52**



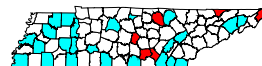
Firearms
978 Deaths/Year
 U.S. 13.7
 TN 18.7
 Excess Deaths/Year **255**



Drownings
98 Deaths/Year
 U.S. 1.7
 TN 1.9
 Excess Deaths/Year **12**



Traumatic Brain Injury
1,103 Deaths/Year
 U.S. 18.5
 TN 21.3
 Excess Deaths/Year **145**



Poisonings
135 Deaths/Year
 U.S. 3.2
 TN 2.6

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 TENNESSEE

CDC's National Center for Injury Prevention and Control funds two programs in Tennessee to build the state's ability to keep its citizens safe.

Unintentional Injury

The Tennessee Fall Prevention Program

A project to evaluate the effectiveness of the Tennessee Fall Prevention Program, a statewide effort to train nursing home staff about safety practices that can prevent falls among residents. Researchers will conduct a randomized controlled trial to test whether the program reduces falls resulting in serious injuries. If effective, the Tennessee program will provide a model for feasible, cost-effective injury prevention programs in long-term care facilities.

(Vanderbilt University)

Intentional Injury

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.

(Tennessee Department of Health)

Notes

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