

State Injury Profile for Missouri

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 Missouri 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**

Missouri

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 405	Unintentional Injuries 160	Unintentional Injuries 112	Unintentional Injuries 143	Unintentional Injuries 1,094	Unintentional Injuries 832	Malignant Neoplasms 1,095	Malignant Neoplasms 2,943	Malignant Neoplasms 5,852	Heart Disease 46,071	Heart Disease 54,652
2	SIDS 244	Congenital Anomalies 37	Malignant Neoplasms 27	Homicide 26	Homicide 360	Suicide 404	Unintentional Injuries 976	Heart Disease 2,420	Heart Disease 4,827	Malignant Neoplasms 25,885	Malignant Neoplasms 36,257
3	Short Gestation 238	Homicide 26	Homicide 16	Malignant Neoplasms 25	Suicide 309	Homicide 336	Heart Disease 970	Unintentional Injuries 674	Bronchitis Emphysema Asthma 772	Cerebro-vascular 10,160	Cerebro-vascular 11,386
4	Maternal Complications 77	Malignant Neoplasms 20	Congenital Anomalies 13	Suicide 24	Malignant Neoplasms 117	Malignant Neoplasms 284	Suicide 506	Cerebro-vascular 352	Cerebro-vascular 643	Bronchitis Emphysema Asthma 6,743	Bronchitis Emphysema Asthma 7,808
5	Respiratory Distress Synd. 67	Pneumonia & Influenza 9	Heart Disease 7	Congenital Anomalies 18	Heart Disease 60	Heart Disease 243	Homicide 273	Suicide 327	Unintentional Injuries 509	Pneumonia & Influenza 6,274	Unintentional Injuries 7,230
6	Placenta Cord Membranes 57	Benign Neoplasms 7	Pneumonia & Influenza 6	Heart Disease 14	Congenital Anomalies 28	HIV 183	HIV 256	Diabetes 252	Diabetes 505	Diabetes 3,040	Pneumonia & Influenza 6,827
7	Unintentional Injuries 51	Heart Disease 7	Bronchitis Emphysema Asthma 4	Bronchitis Emphysema Asthma 6	Bronchitis Emphysema Asthma 15	Diabetes 43	Cerebro-vascular 151	Liver Disease 247	Liver Disease 266	Unintentional Injuries 2,677	Diabetes 3,968
8	Perinatal Infections 44	Meningo-coccal 7	Septicemia 4	Anemias 5	HIV 14	Cerebro-vascular 41	Liver Disease 141	Bronchitis Emphysema Asthma 196	Pneumonia & Influenza 255	Nephritis 1,862	Suicide 2,168
9	Homicide 28	Meningitis 6	8 Tied	Cerebro-vascular 5	Pneumonia & Influenza 14	Pneumonia & Influenza 40	Diabetes 118	Pneumonia & Influenza 126	Suicide 191	Alzheimer's Disease 1,424	Nephritis 2,070
10	Remainder Respiratory 27	Perinatal Period 6	8 Tied	Benign Neoplasms 4	Cerebro-vascular 11	Liver Disease 24	Pneumonia & Influenza 86	Homicide 124	Septicemia 144	Septicemia 1,211	Septicemia 1,520

Missouri Total Number of Injury Deaths

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Unintentional Injury	7,230	67.4%
Intentional Injury	3,497	32.6%
Total (1996-1998)	10,727	100.0%

Average Number of Injury Deaths per Year
In Missouri = **3,576**

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%

Missouri Only Unintentional Injury

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
MV Traffic	3,356	46.4%
Fall	924	12.8%
Poisoning	462	6.4%
Suffocation	364	5.0%
Fire/Burn	303	4.2%
Other Causes	<u>1,821</u>	<u>25.2%</u>
	7,230	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%

Missouri Only Suicide

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	1,368	63.1%
Poisoning	388	17.9%
Suffocation	294	13.6%
Other Causes	<u>118</u>	<u>5.4%</u>
	2,168	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%

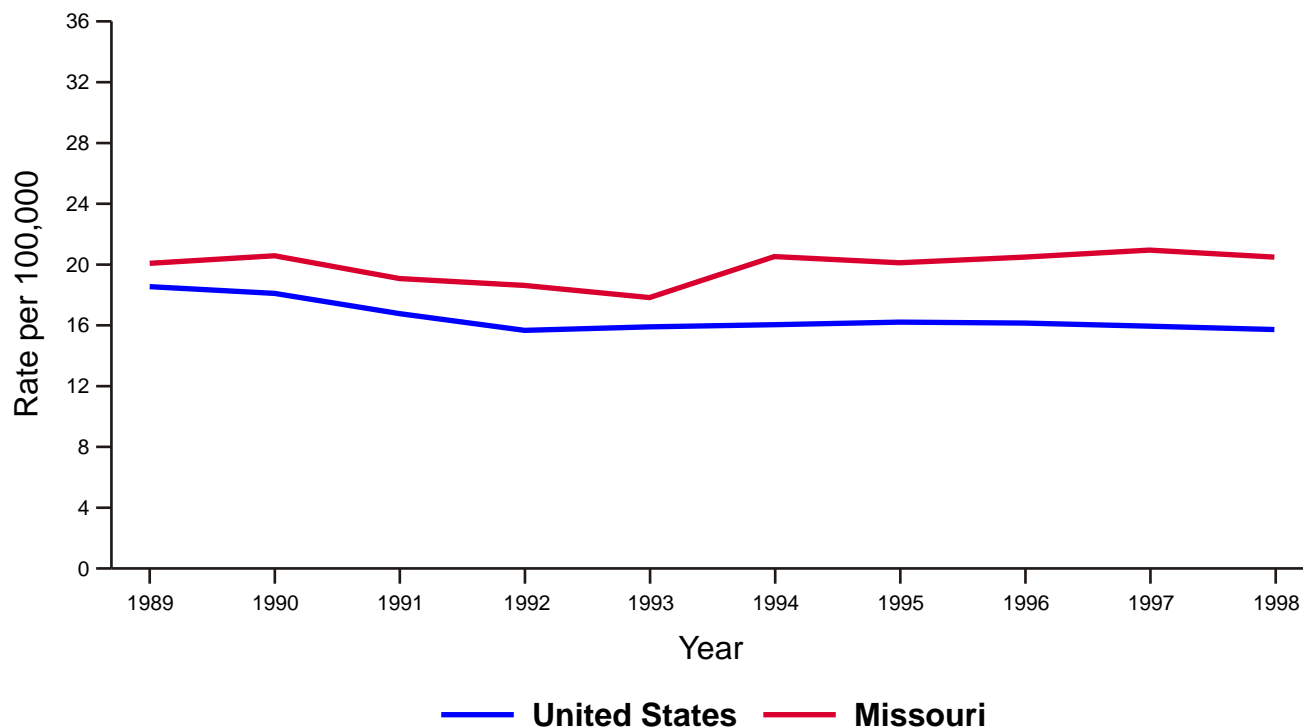
Missouri Only Homicide and Legal Intervention

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	901	67.8%
Cut/Pierce	159	12.0%
Suffocation	38	2.9%
Other Causes	<u>231</u>	<u>17.4%</u>
	1,329	100.1%

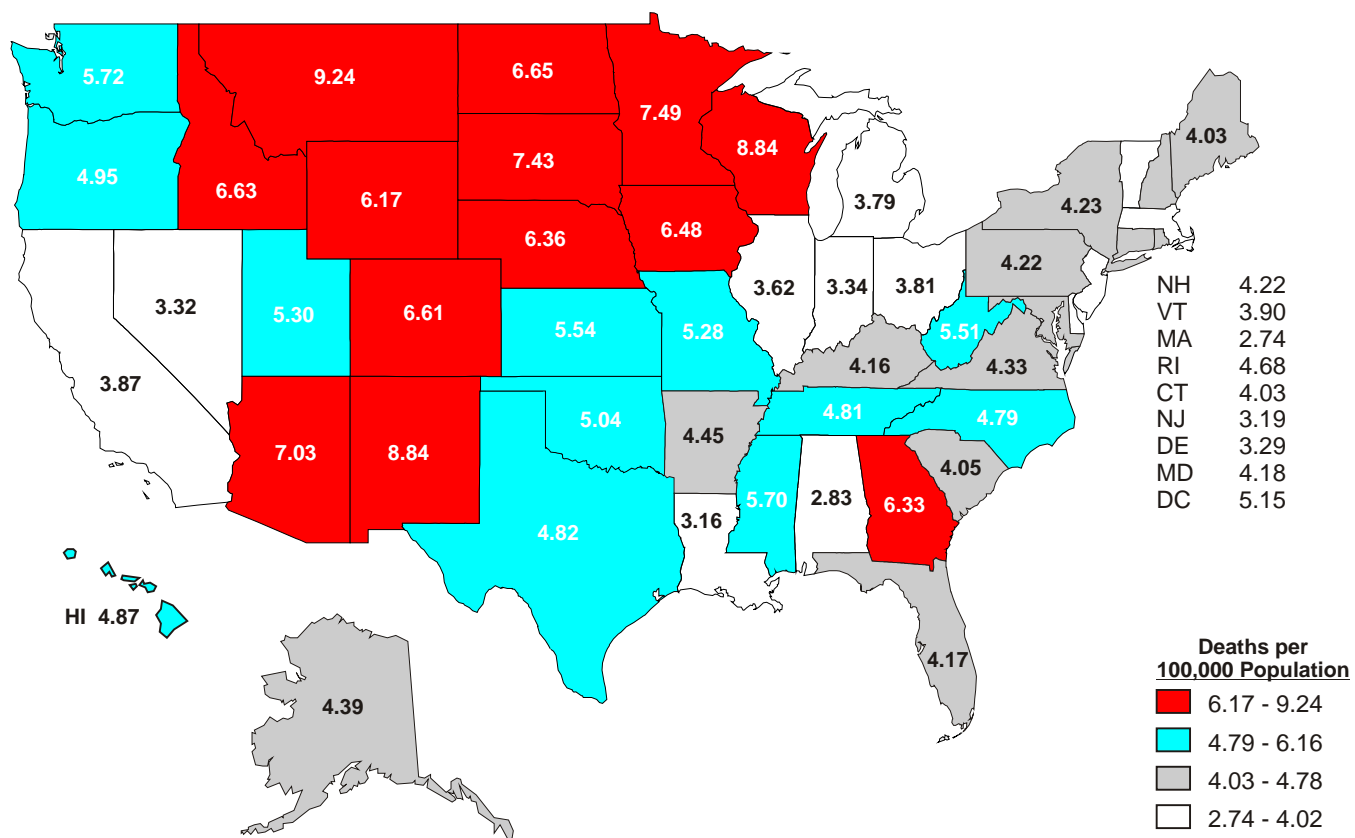
Unintentional Motor Vehicle, Traffic-Related Death Rates United States, 1996-1998



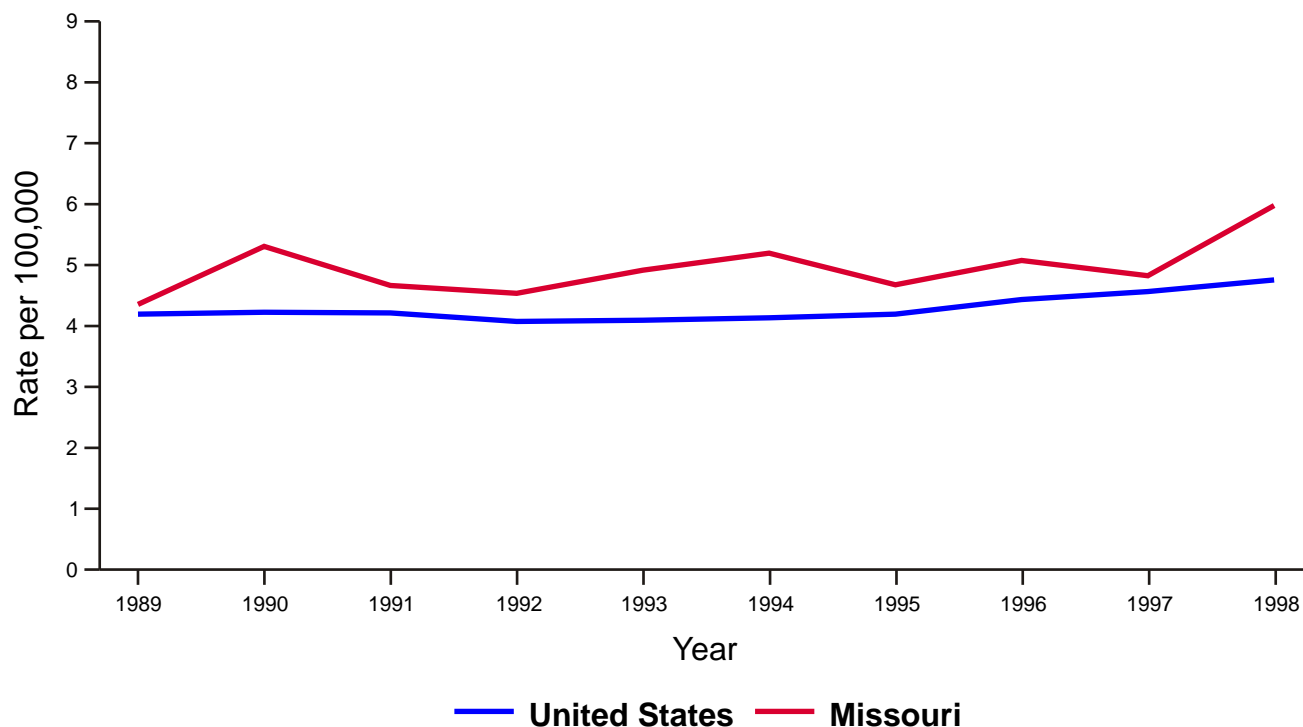
United States and Missouri 1989-1998



Unintentional Fall Death Rates United States, 1996-1998



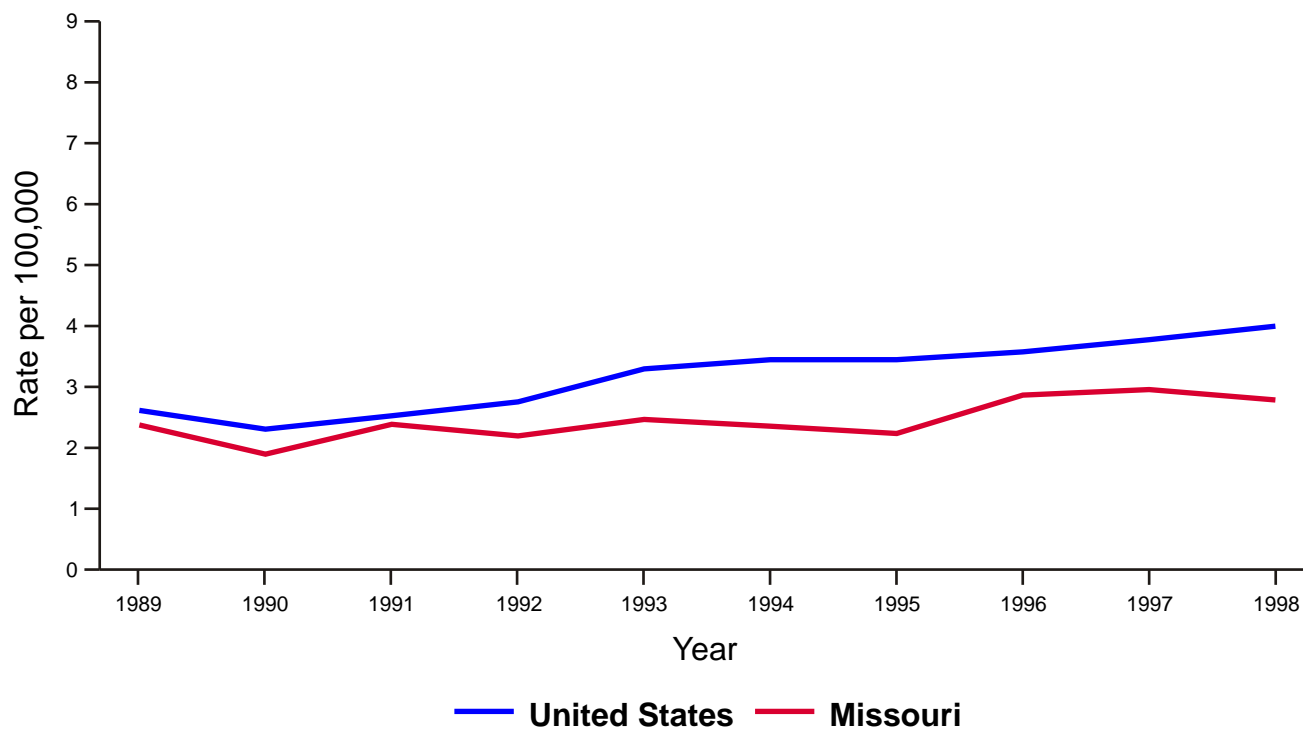
United States and Missouri 1989-1998



Unintentional Poisoning Death Rates United States, 1996-1998



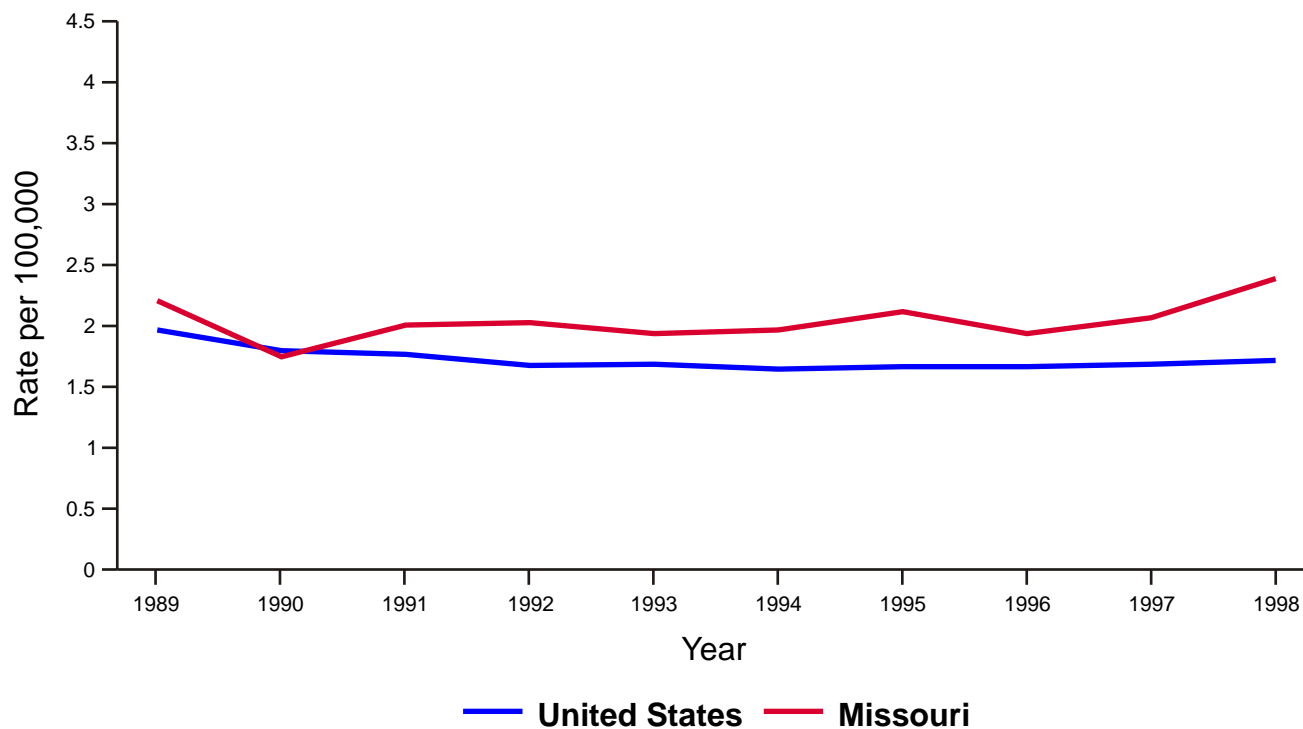
United States and Missouri 1989-1998



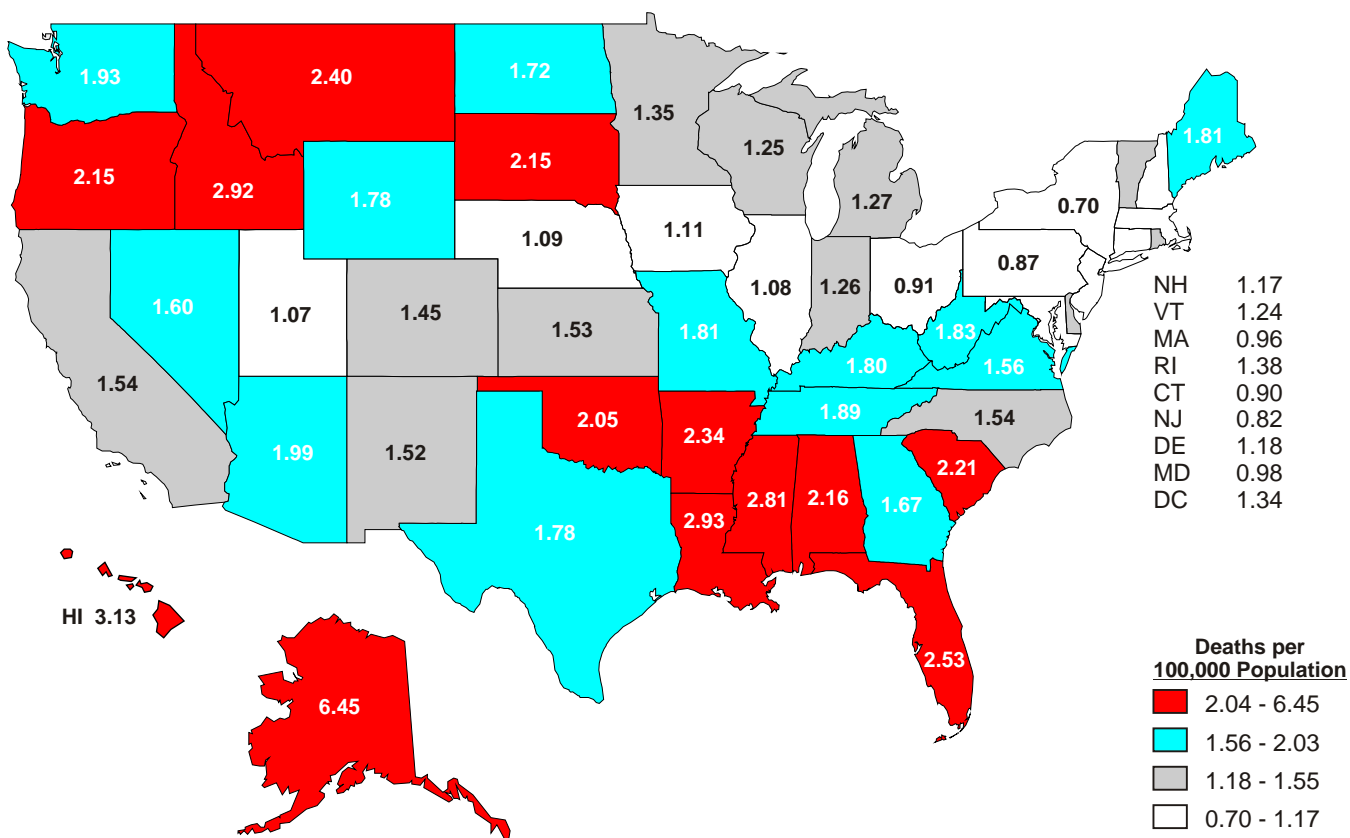
Unintentional Suffocation Death Rates United States, 1996-1998



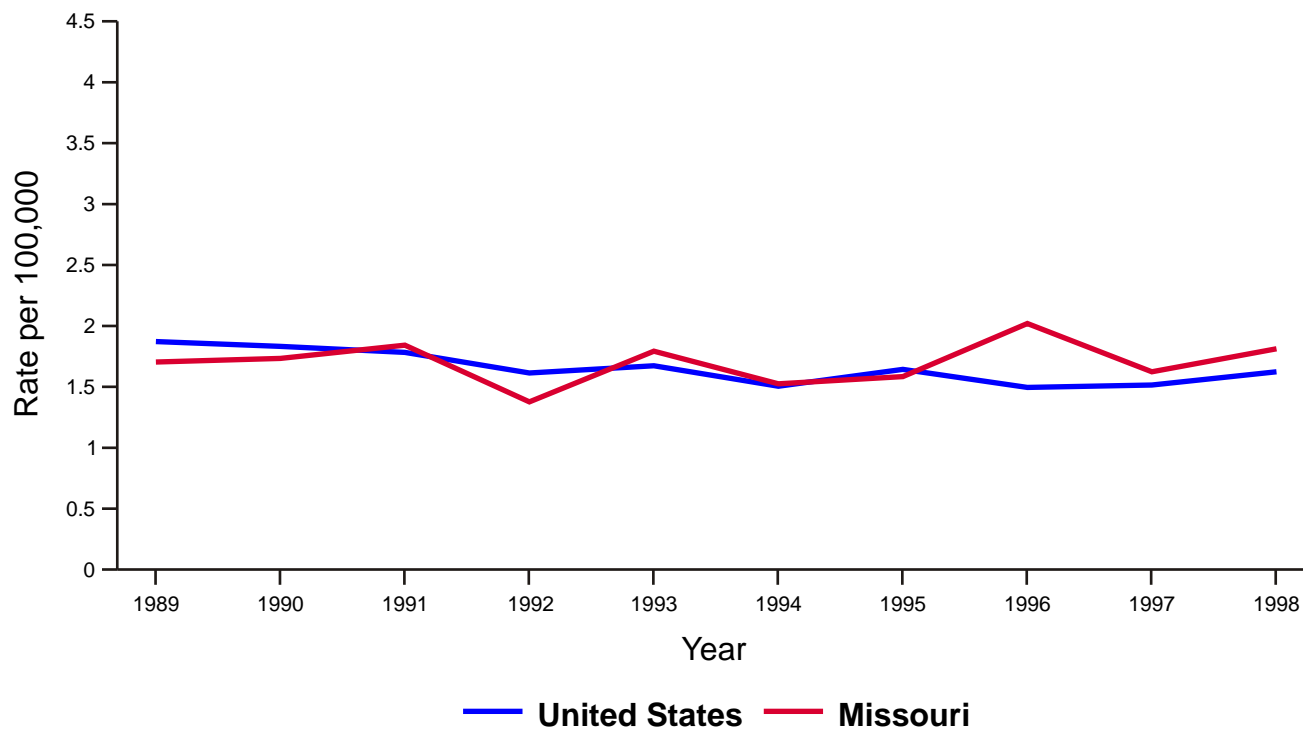
United States and Missouri 1989-1998



Unintentional Drowning Death Rates United States, 1996-1998



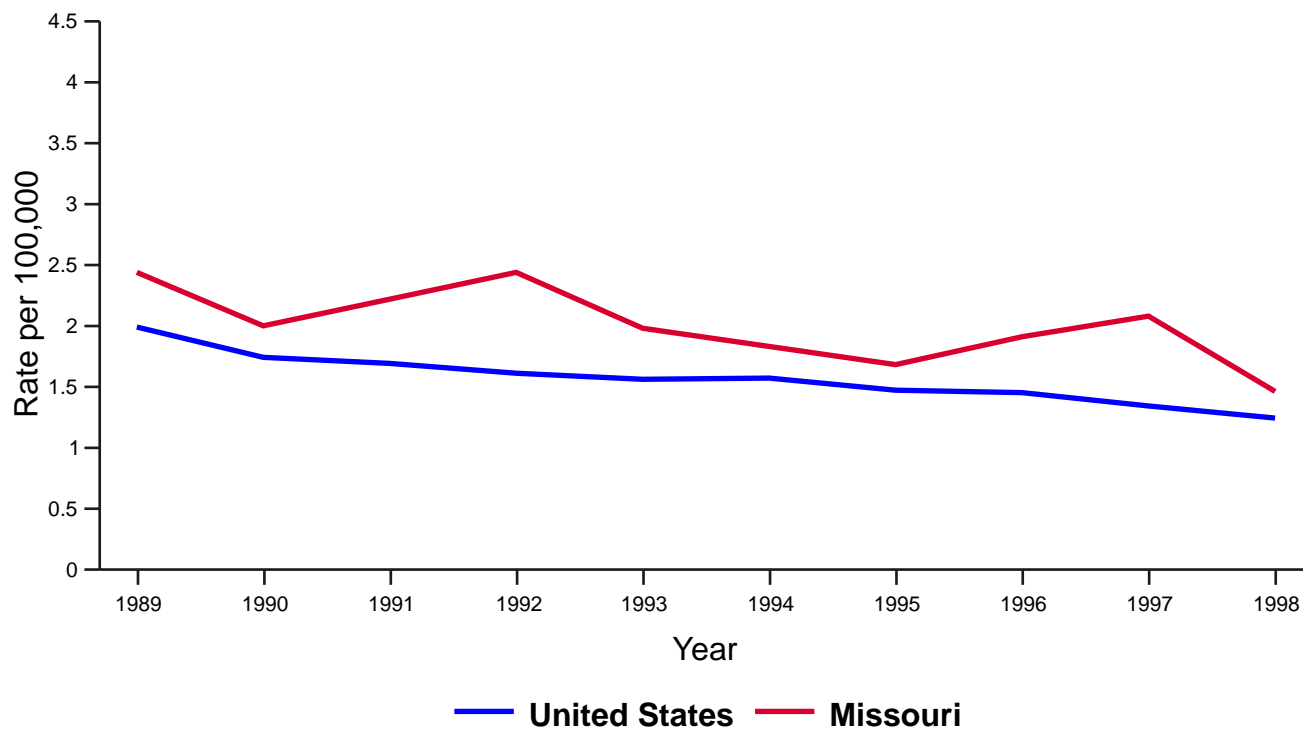
United States and Missouri 1989-1998



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



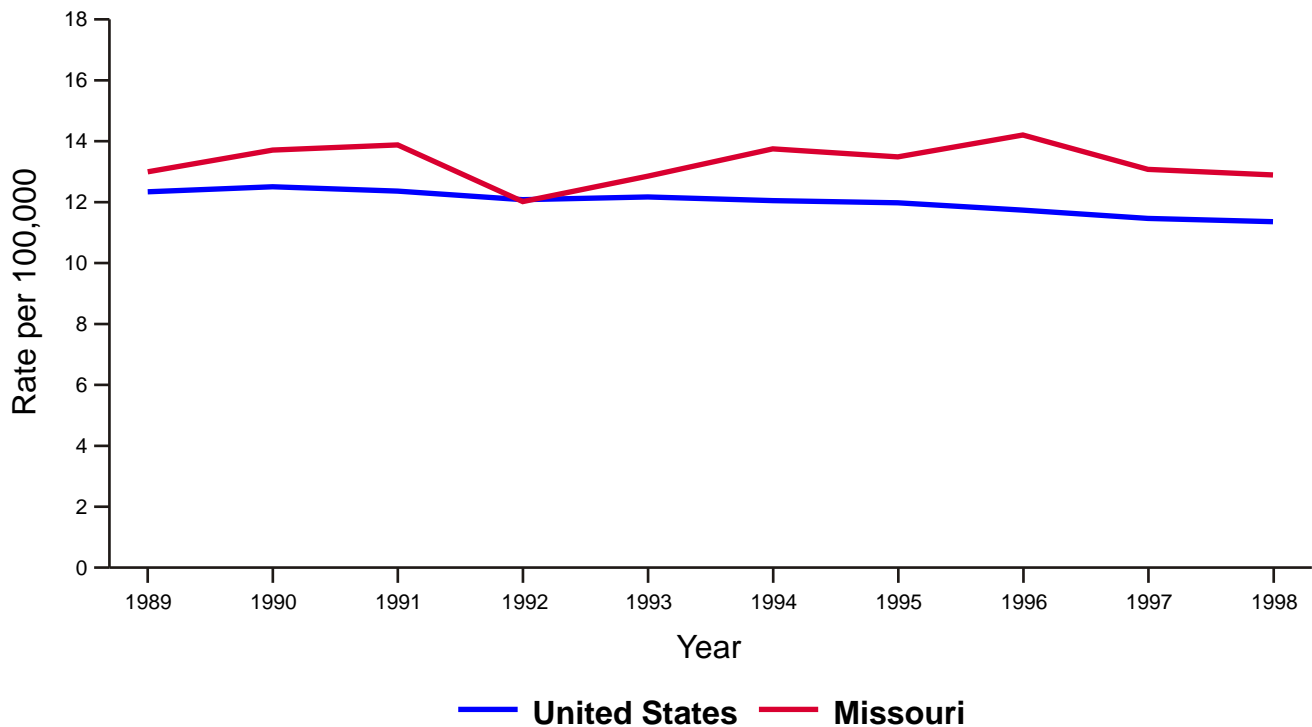
United States and Missouri 1989-1998



Suicide Death Rates United States, 1996-1998



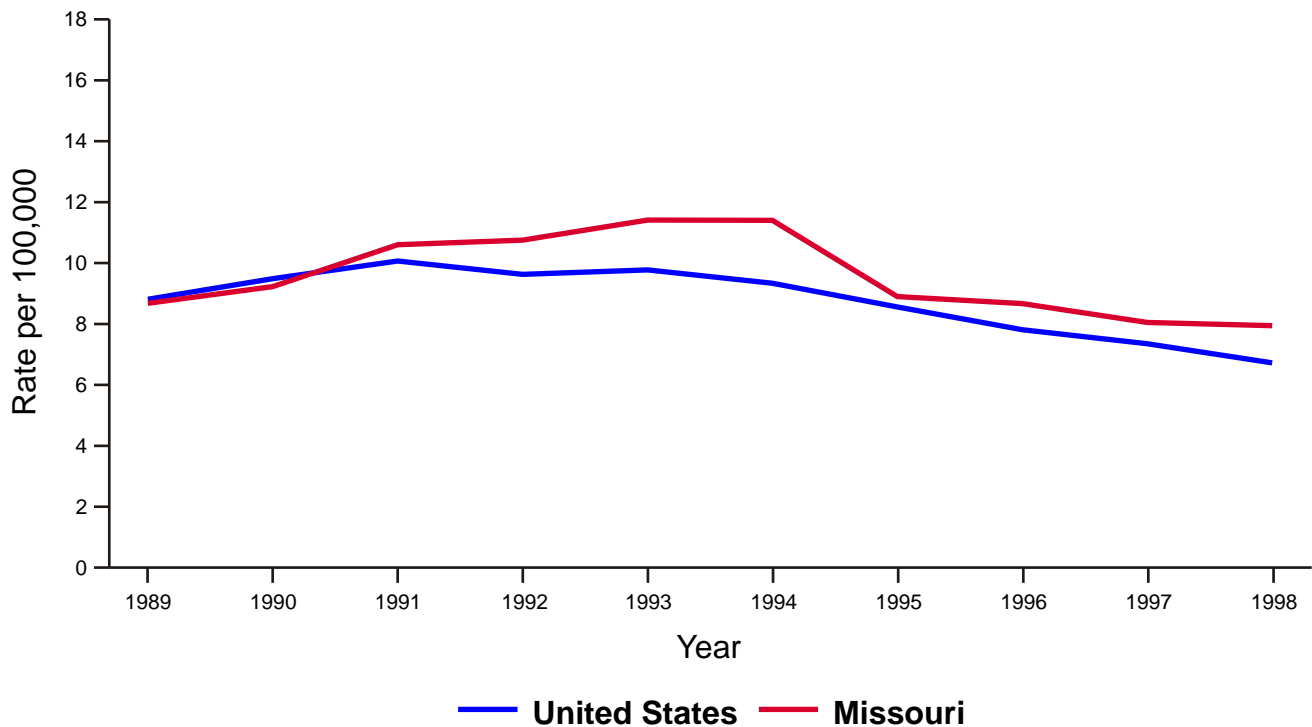
United States and Missouri 1989-1998



Homicide Death Rates United States, 1996-1998



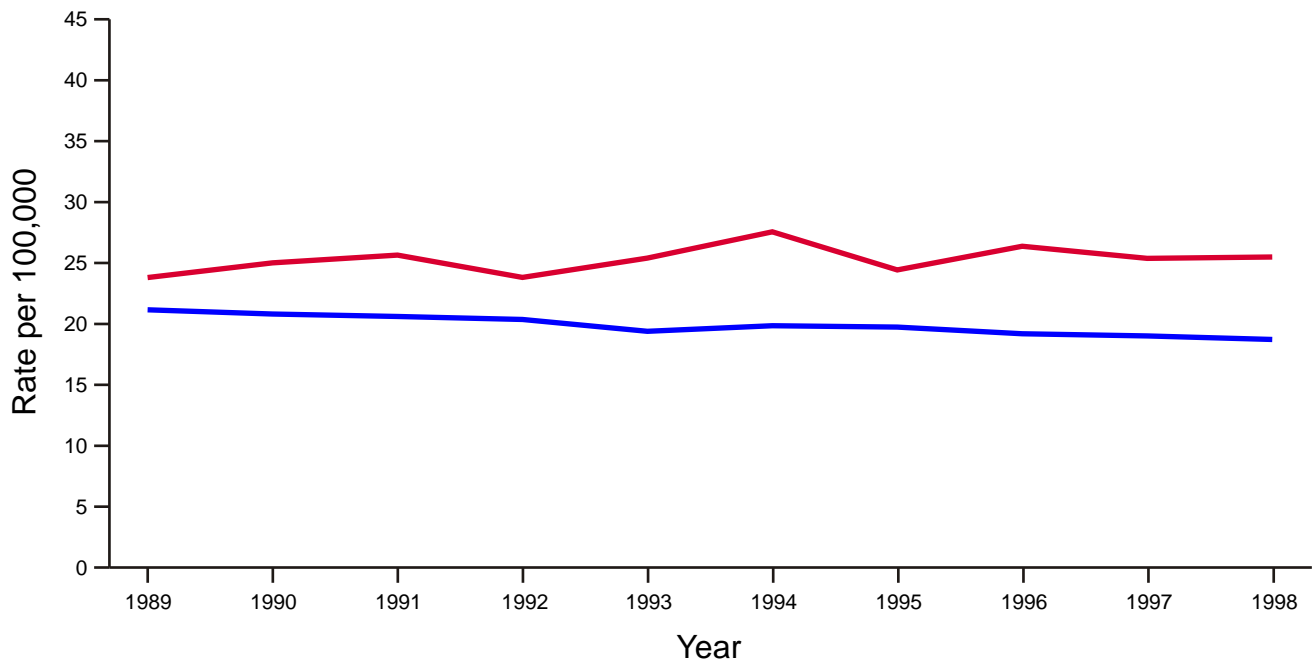
United States and Missouri 1989-1998



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



United States and Missouri 1989-1998



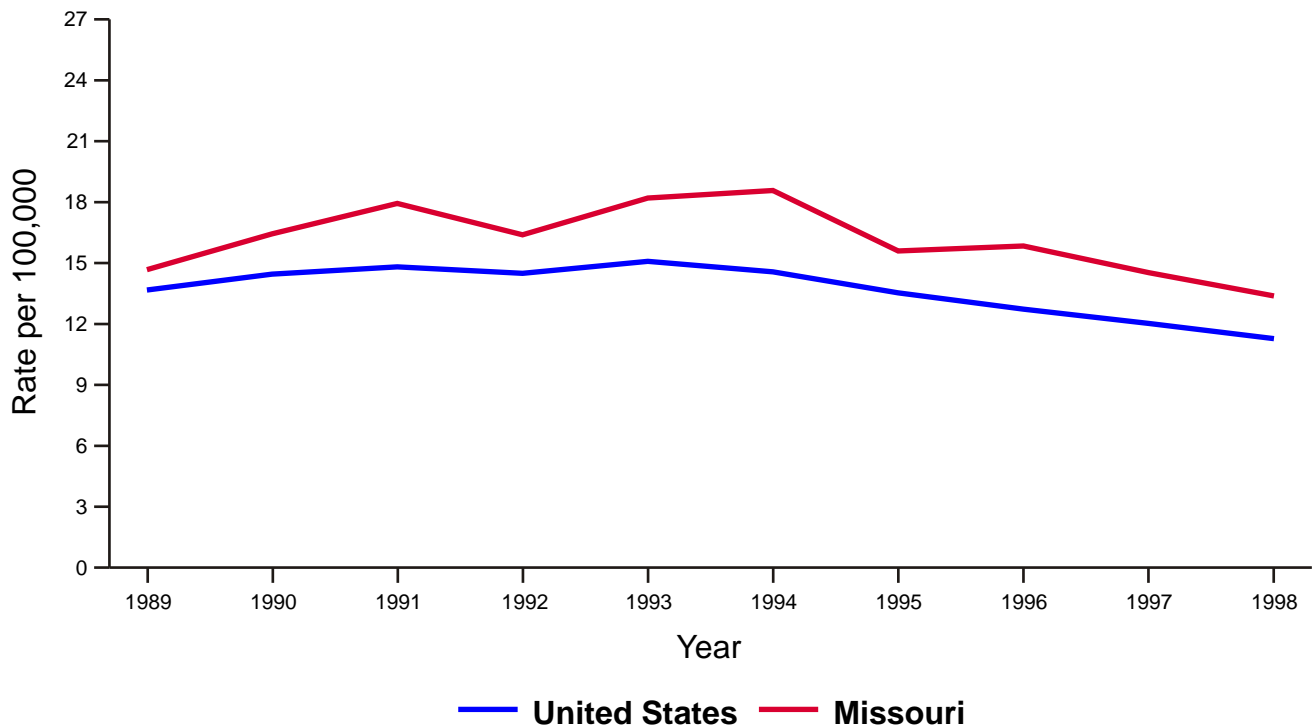
— United States — Missouri

* 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

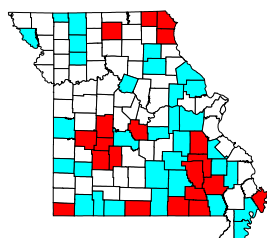


United States and Missouri 1989-1998

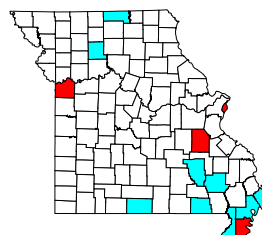


* Includes deaths from firearm suicide, firearm homicide, unintentional firearm-related deaths, and firearm-related deaths of undetermined intent.

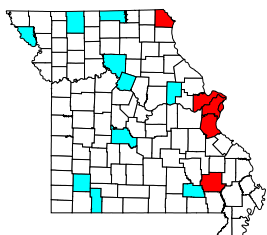
Missouri 1989-1998



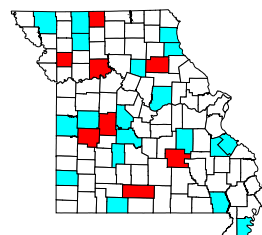
Motor Vehicle
1,055 Deaths/Year
 U.S. 16.4
 MO 19.8
 Excess Deaths/Year **181**



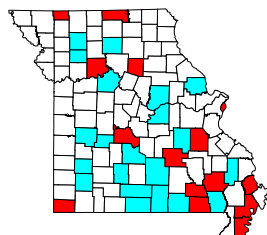
Homicides
506 Deaths/Year
 U.S. 8.7
 MO 9.5
 Excess Deaths/Year **42**



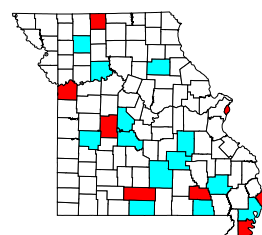
Falls
276 Deaths/Year
 U.S. 4.3
 MO 5.0
 Excess Deaths/Year **35**



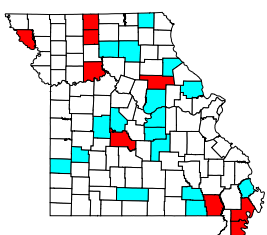
Suicides
700 Deaths/Year
 U.S. 12.0
 MO 13.3
 Excess Deaths/Year **68**



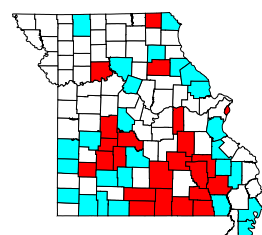
Fires/Burns
112 Deaths/Year
 U.S. 1.6
 MO 2.1
 Excess Deaths/Year **25**



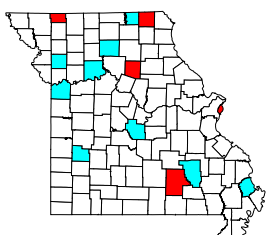
Firearms
861 Deaths/Year
 U.S. 13.7
 MO 16.2
 Excess Deaths/Year **132**



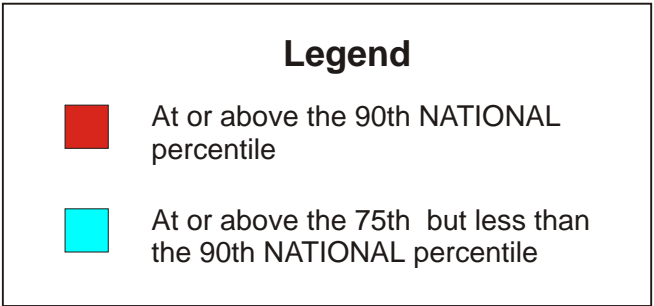
Drownings
89 Deaths/Year
 U.S. 1.7
 MO 1.7
 Excess Deaths/Year **2**



Traumatic Brain Injury
1,224 Deaths/Year
 U.S. 18.5
 MO 22.9
 Excess Deaths/Year **235**



Poisonings
130 Deaths/Year
 U.S. 3.2
 MO 2.5



CDC-Funded Injury Control Projects

SAFER·HEALTHIER·PEOPLE™

CDC-Funded Injury Control Projects in MISSOURI

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

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. (*Missouri Department of Health*)

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.

(*Missouri Department of Health*)

Notes

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