

# State Injury Profile for Kansas



## 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.

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### 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](http://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](http://www.cdc.gov/ncipc/wisqars)

Consumer facts and tip sheets, [www.cdc.gov/ncipc/safeusa](http://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](http://www.nsvrc.org), or call 1-877-739-3895

National Violence Against Women Prevention Research Center, [www.violenceagainstwomen.org](http://www.violenceagainstwomen.org), or call 1-843-792-2945

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

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

### **Unintentional Injury**

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

National Resource Center on Aging and Injury, [www.olderadultinjury.org](http://www.olderadultinjury.org), or call 1-619-594-0986

# **State Injury Profile for Kansas 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%
<b>Total (1996-1998)</b>	<b>439,529</b>	<b>100.0%</b>

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

# Kansas

## 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 221	Unintentional Injuries 77	Unintentional Injuries 53	Unintentional Injuries 69	Unintentional Injuries 526	Unintentional Injuries 376	Malignant Neoplasms 455	Malignant Neoplasms 1,074	Malignant Neoplasms 2,299	Heart Disease 18,793	Heart Disease 21,721
2	Short Gestation 118	Homicide 22	Malignant Neoplasms 21	Suicide 19	Suicide 171	Suicide 181	Unintentional Injuries 398	Heart Disease 856	Heart Disease 1,621	Malignant Neoplasms 11,614	Malignant Neoplasms 15,673
3	SIDS 108	Malignant Neoplasms 18	Congenital Anomalies 5	Malignant Neoplasms 17	Homicide 167	Malignant Neoplasms 108	Heart Disease 322	Unintentional Injuries 270	Bronchitis Emphysema Asthma 343	Cerebro-vascular 4,961	Cerebro-vascular 5,426
4	Maternal Complications 60	Congenital Anomalies 17	Heart Disease 3	Congenital Anomalies 8	Malignant Neoplasms 61	Homicide 104	Suicide 224	Suicide 135	Cerebro-vascular 255	Bronchitis Emphysema Asthma 3,129	Bronchitis Emphysema Asthma 3,601
5	Placenta Cord Membranes 26	Heart Disease 4	Homicide 3	Homicide 7	Heart Disease 27	Heart Disease 75	Homicide 88	Cerebro-vascular 125	Diabetes 226	Pneumonia & Influenza 2,688	Unintentional Injuries 3,238
6	Unintentional Injuries 25	Septicemia 4	Benign Neoplasms 2	Heart Disease 4	Bronchitis Emphysema Asthma 8	HIV 62	HIV 63	Liver Disease 111	Unintentional Injuries 218	Diabetes 1,425	Pneumonia & Influenza 2,884
7	Respiratory Distress Synd. 24	Anemias 3	Bronchitis Emphysema Asthma 2	Cerebro-vascular 3	Congenital Anomalies 7	Congenital Anomalies 19	Liver Disease 63	Diabetes 109	Liver Disease 115	Unintentional Injuries 1,226	Diabetes 1,822
8	Neonatal Hemorrhage 20	Pneumonia & Influenza 3	Cerebro-vascular 2	Pneumonia & Influenza 3	Pneumonia & Influenza 7	Diabetes 16	Cerebro-vascular 58	Bronchitis Emphysema Asthma 84	Pneumonia & Influenza 90	Nephritis 908	Nephritis 1,006
9	Perinatal Infections 17	9 Tied	5 Tied	Hernia 2	Benign Neoplasms 4	Cerebro-vascular 15	Diabetes 42	Pneumonia & Influenza 39	Suicide 71	Atherosclerosis 807	Suicide 979
10	Intrauterine Hypoxia 10	9 Tied	5 Tied	4 Tied	Nephritis 4	Liver Disease 12	Pneumonia & Influenza 36	Homicide 38	Nephritis 49	Alzheimer's Disease 752	Atherosclerosis 818

### Kansas Total Number of Injury Deaths

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Unintentional Injury	3,238	69.2%
Intentional Injury	1,440	30.8%
<b>Total (1996-1998)</b>	<b>4,678</b>	<b>100.0%</b>

Average Number of Injury Deaths per Year  
In Kansas = **1,559**

# 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>
	<b>288,427</b>	<b>100.0%</b>

### Kansas Only Unintentional Injury

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
MV Traffic	1,545	47.7%
Fall	486	15.0%
Suffocation	190	5.9%
Poisoning	155	4.8%
Drowning	120	3.7%
Other Causes	<u>742</u>	<u>22.9%</u>
	<b>3,238</b>	<b>100.0%</b>

## 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>
	<b>92,013</b>	<b>100.0%</b>

### Kansas Only Suicide

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	590	60.3%
Poisoning	170	17.4%
Suffocation	168	17.2%
Other Causes	<u>51</u>	<u>5.2%</u>
	<b>979</b>	<b>100.1%</b>

### 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>
	<b>59,089</b>	<b>100.0%</b>

### Kansas Only Homicide and Legal Intervention

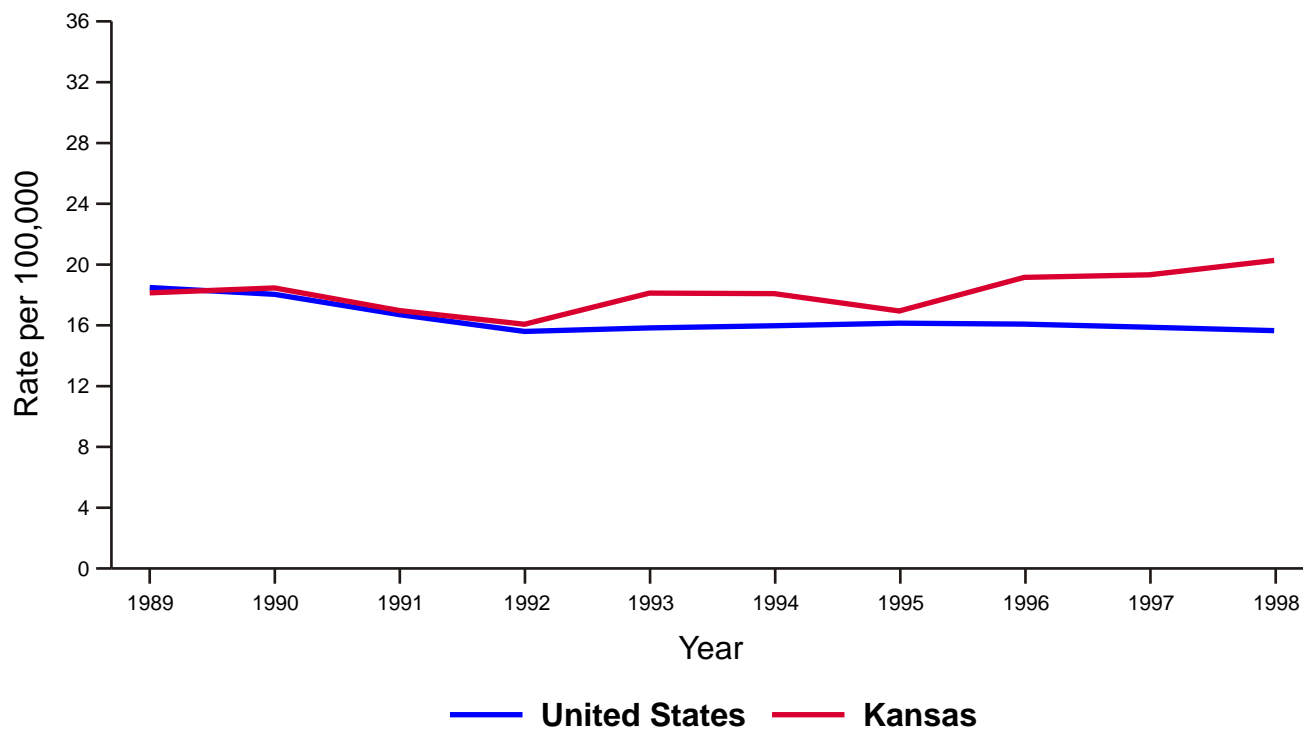
<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	320	69.4%
Cut/Pierce	42	9.1%
Suffocation	25	5.4%
Other Causes	<u>74</u>	<u>16.1%</u>
	<b>461</b>	<b>100.0%</b>



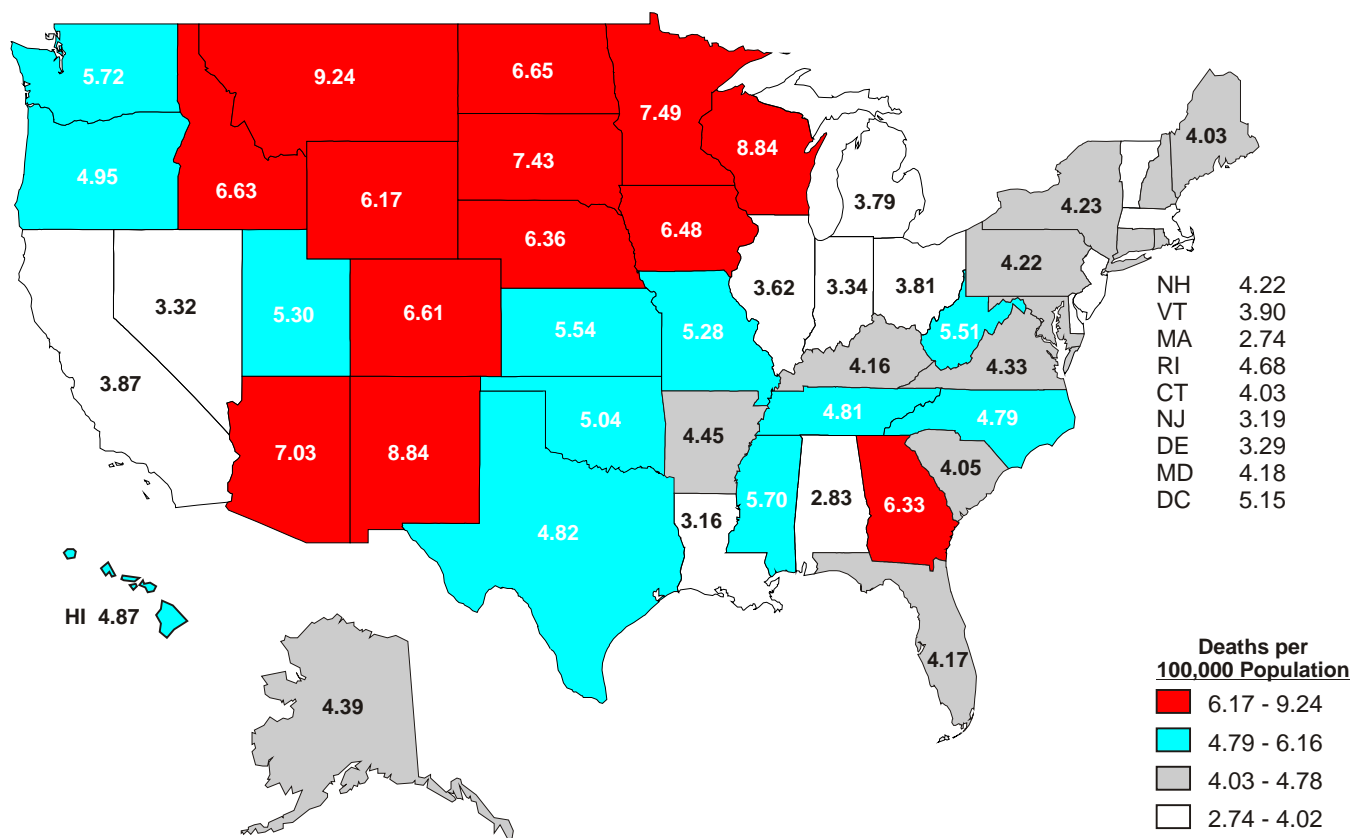
# Unintentional Motor Vehicle, Traffic-Related Death Rates United States, 1996-1998



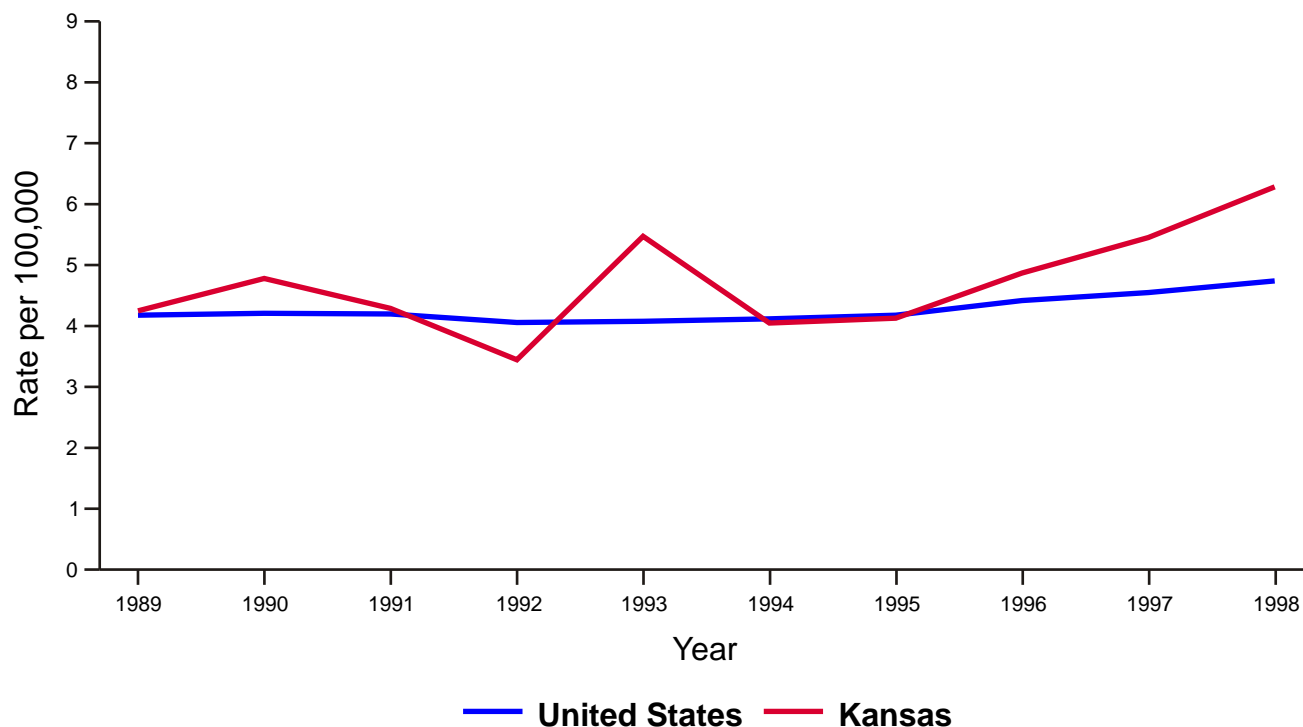
## United States and Kansas 1989-1998



## Unintentional Fall Death Rates United States, 1996-1998



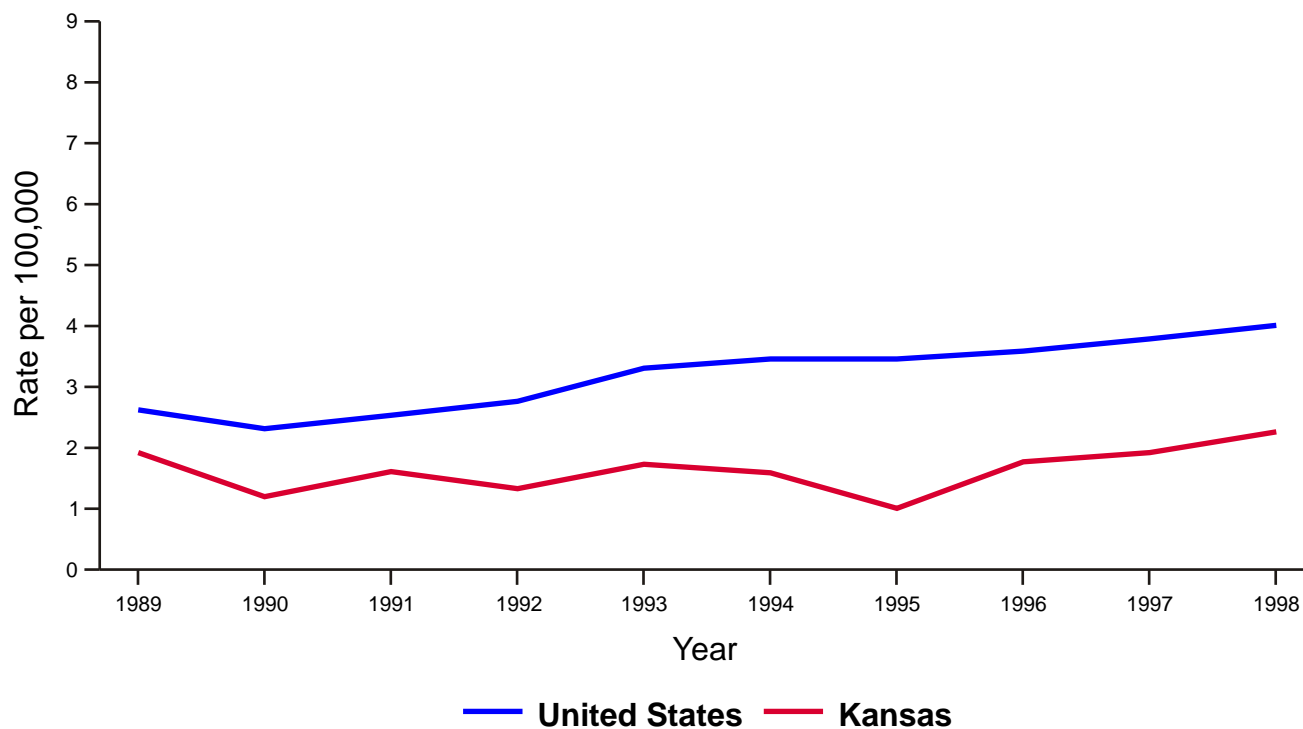
## United States and Kansas 1989-1998



## Unintentional Poisoning Death Rates United States, 1996-1998



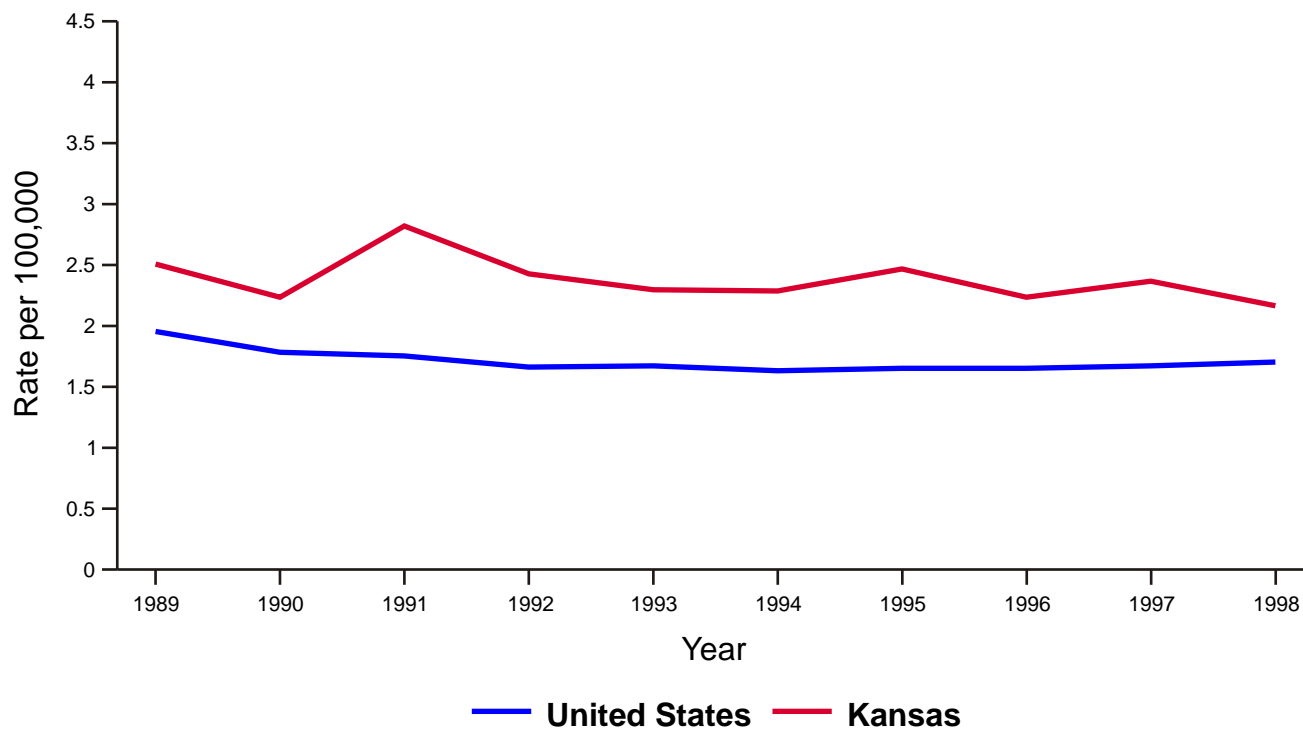
## United States and Kansas 1989-1998



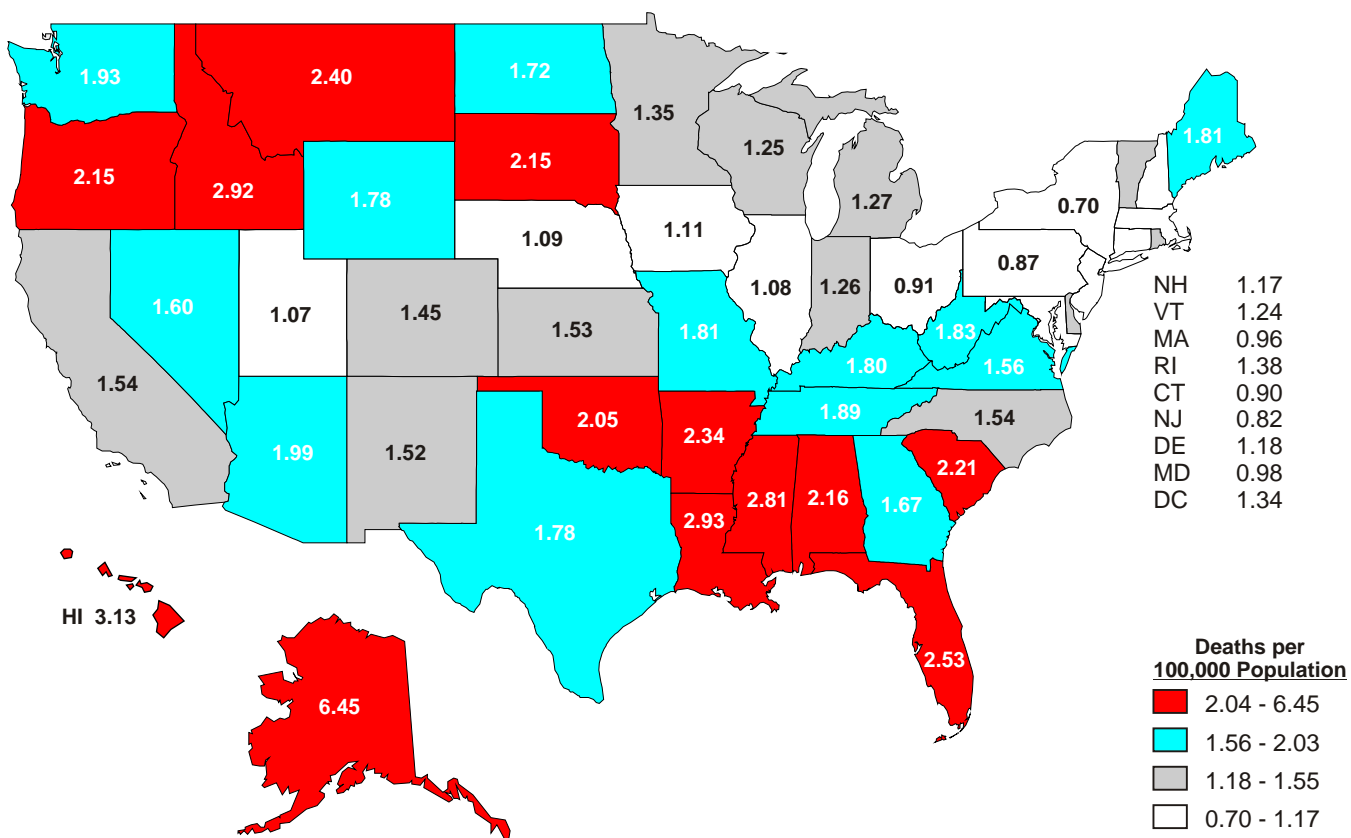
## Unintentional Suffocation Death Rates United States, 1996-1998



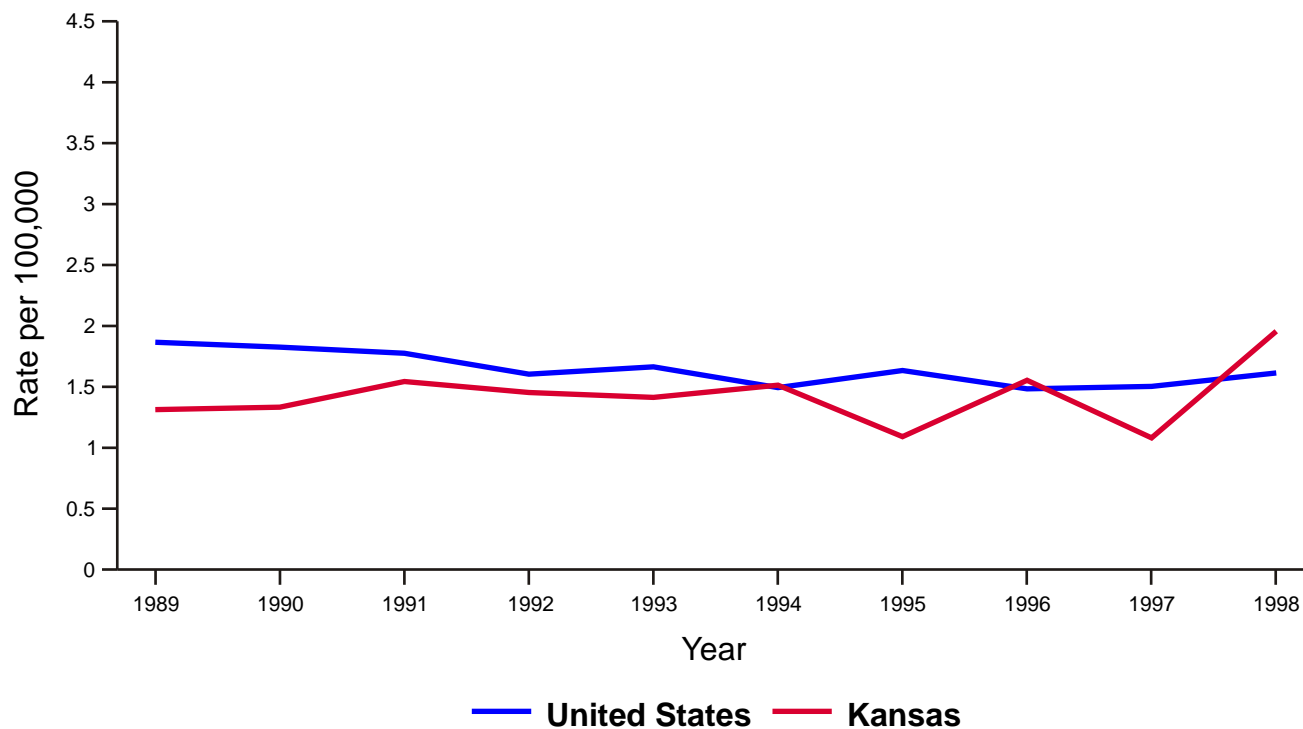
## United States and Kansas 1989-1998



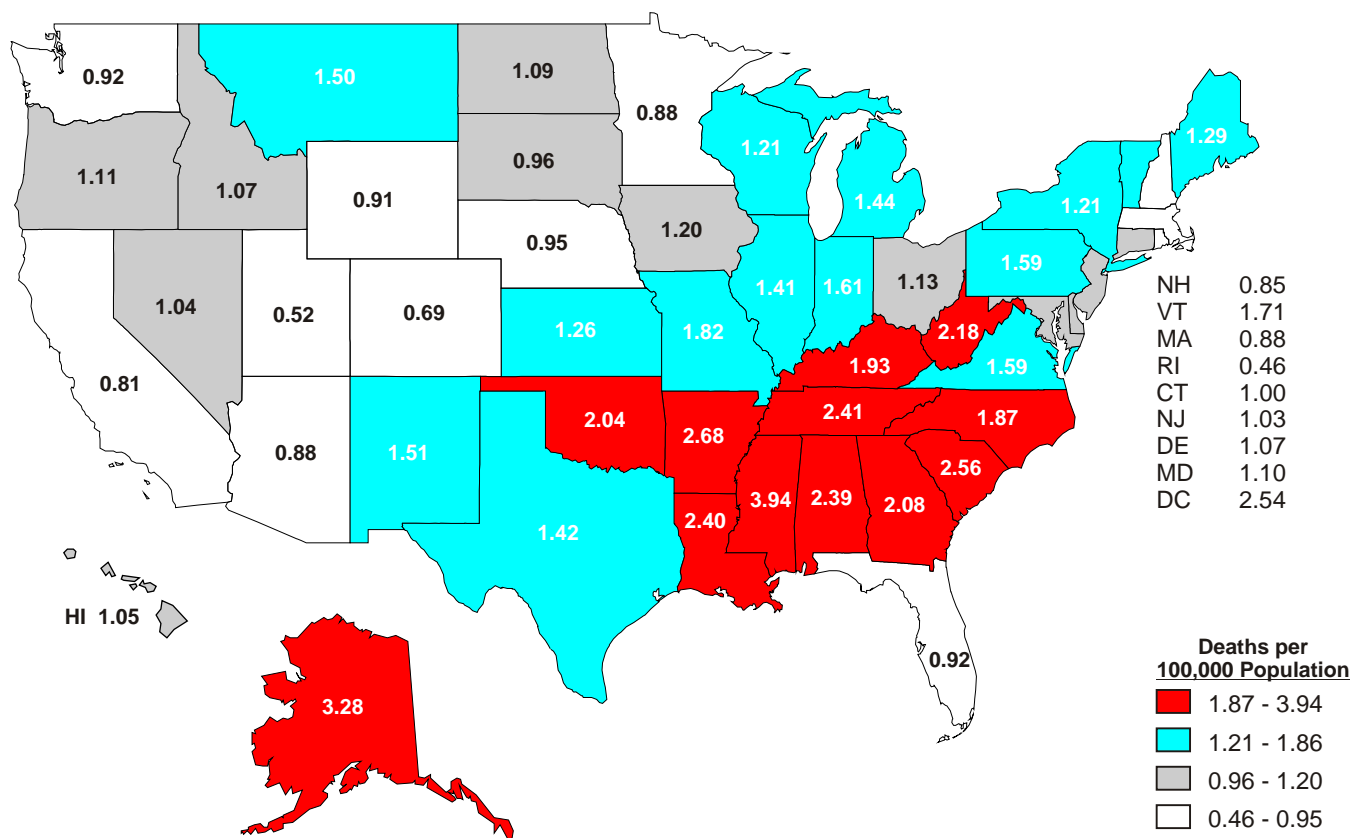
## Unintentional Drowning Death Rates United States, 1996-1998



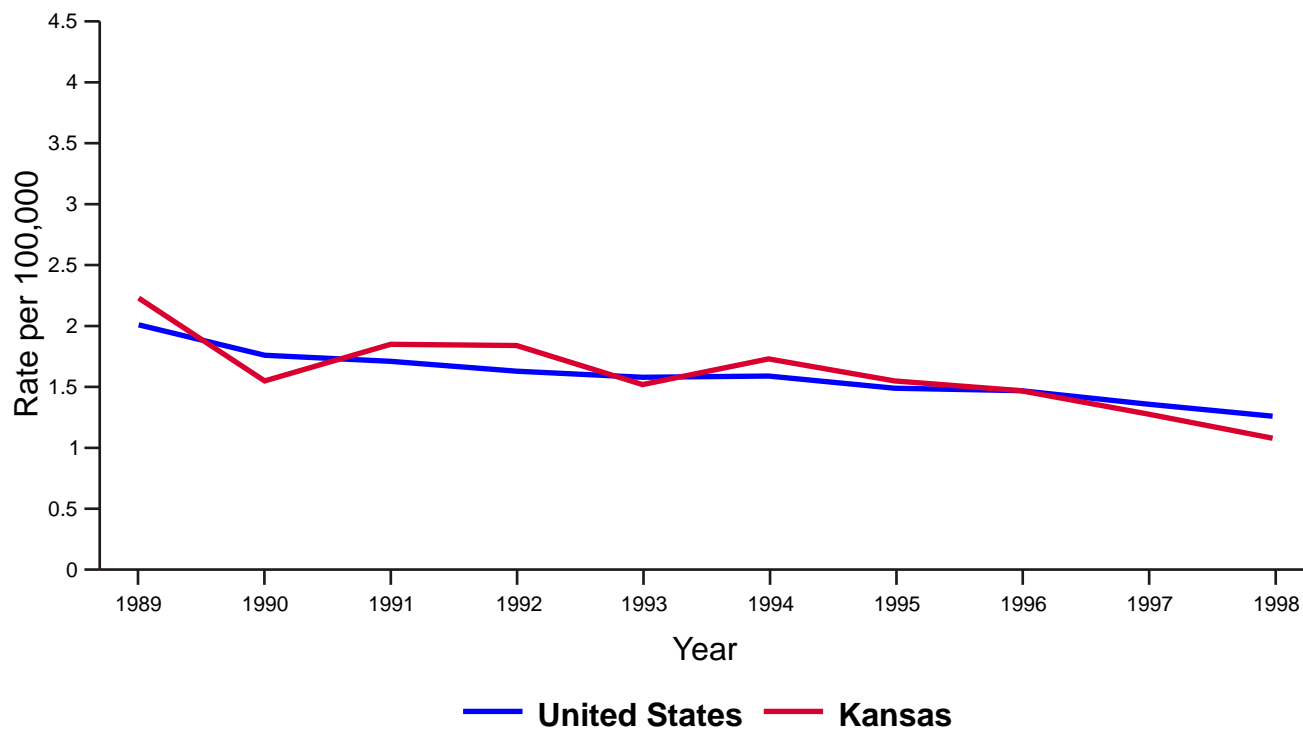
## United States and Kansas 1989-1998



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



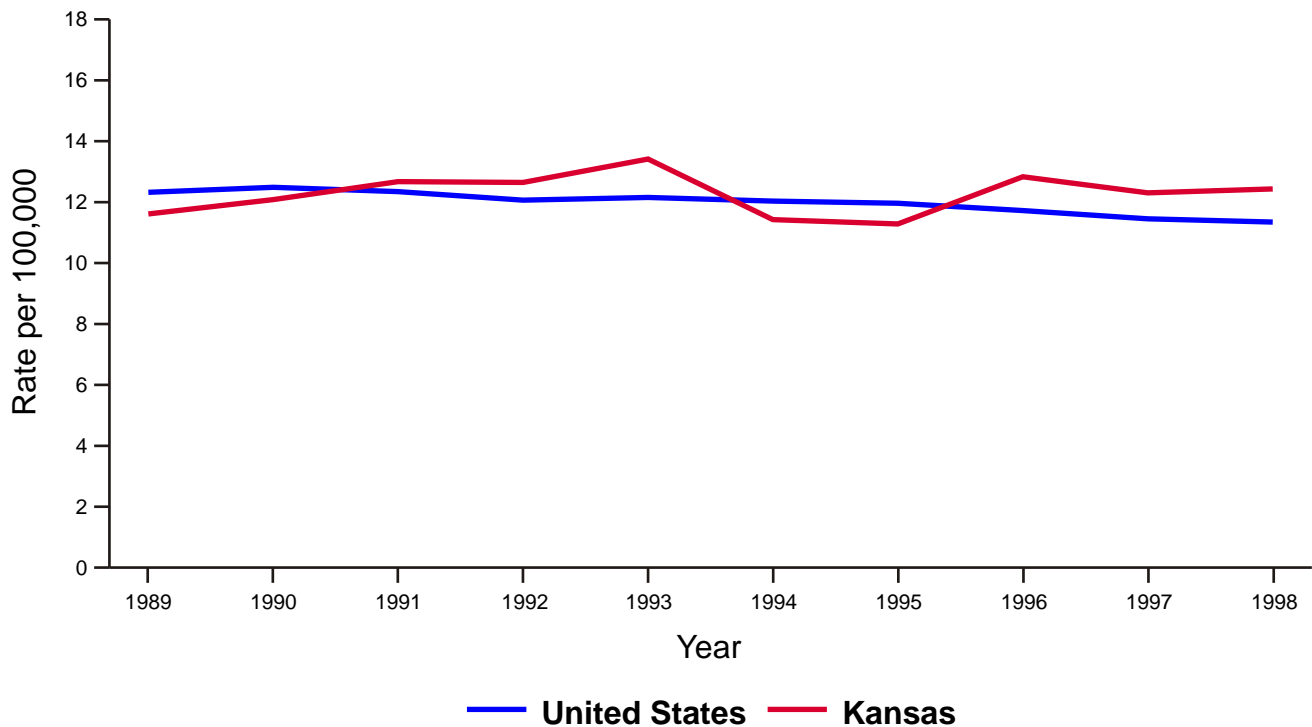
## United States and Kansas 1989-1998



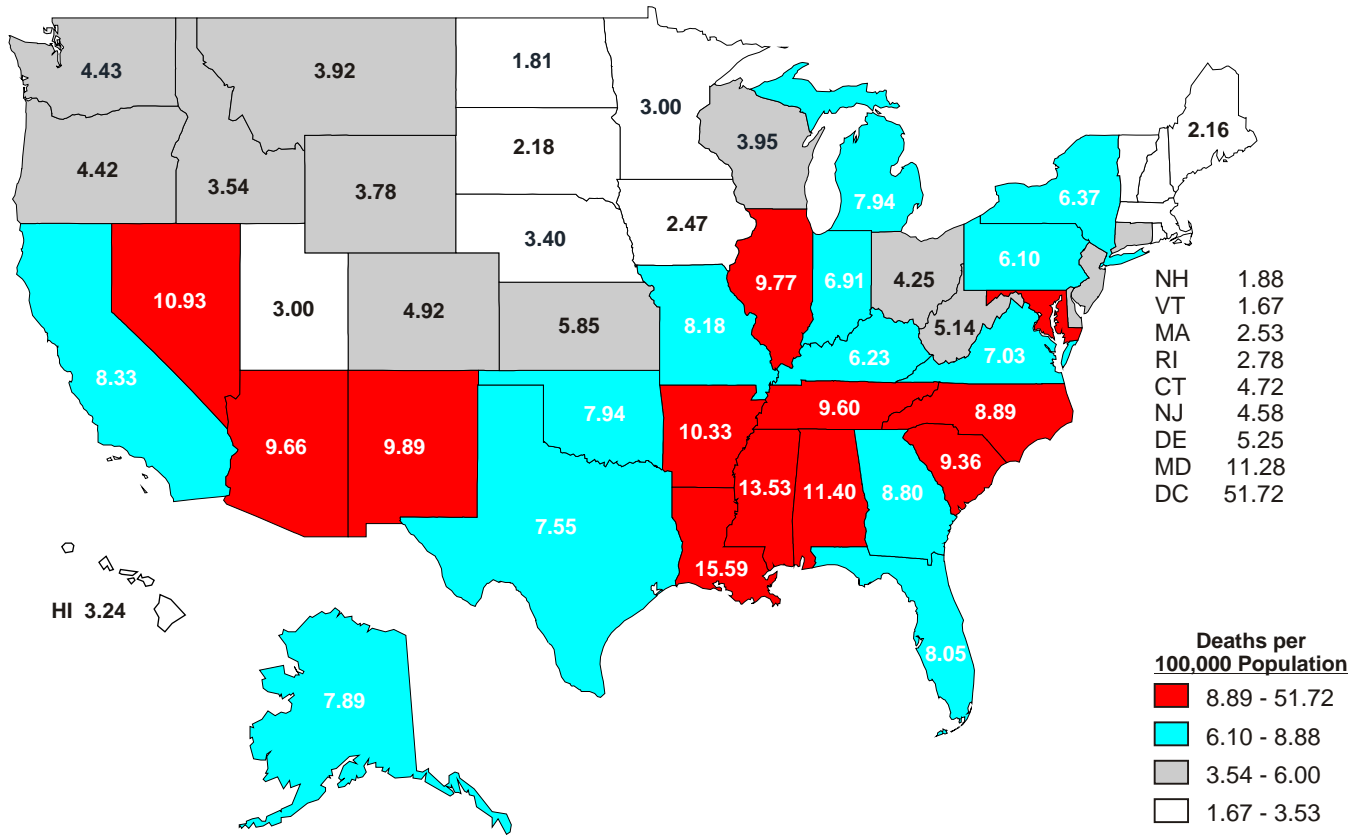
## Suicide Death Rates United States, 1996-1998



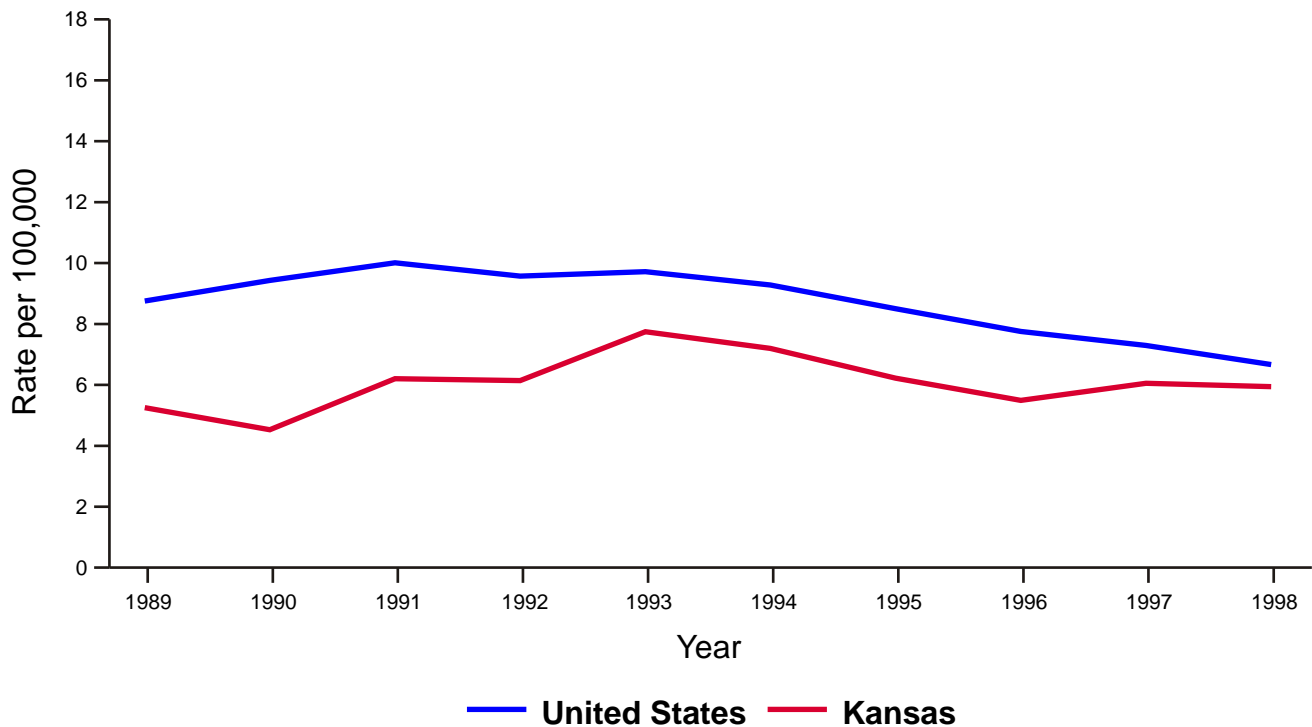
## United States and Kansas 1989-1998



## Homicide Death Rates United States, 1996-1998

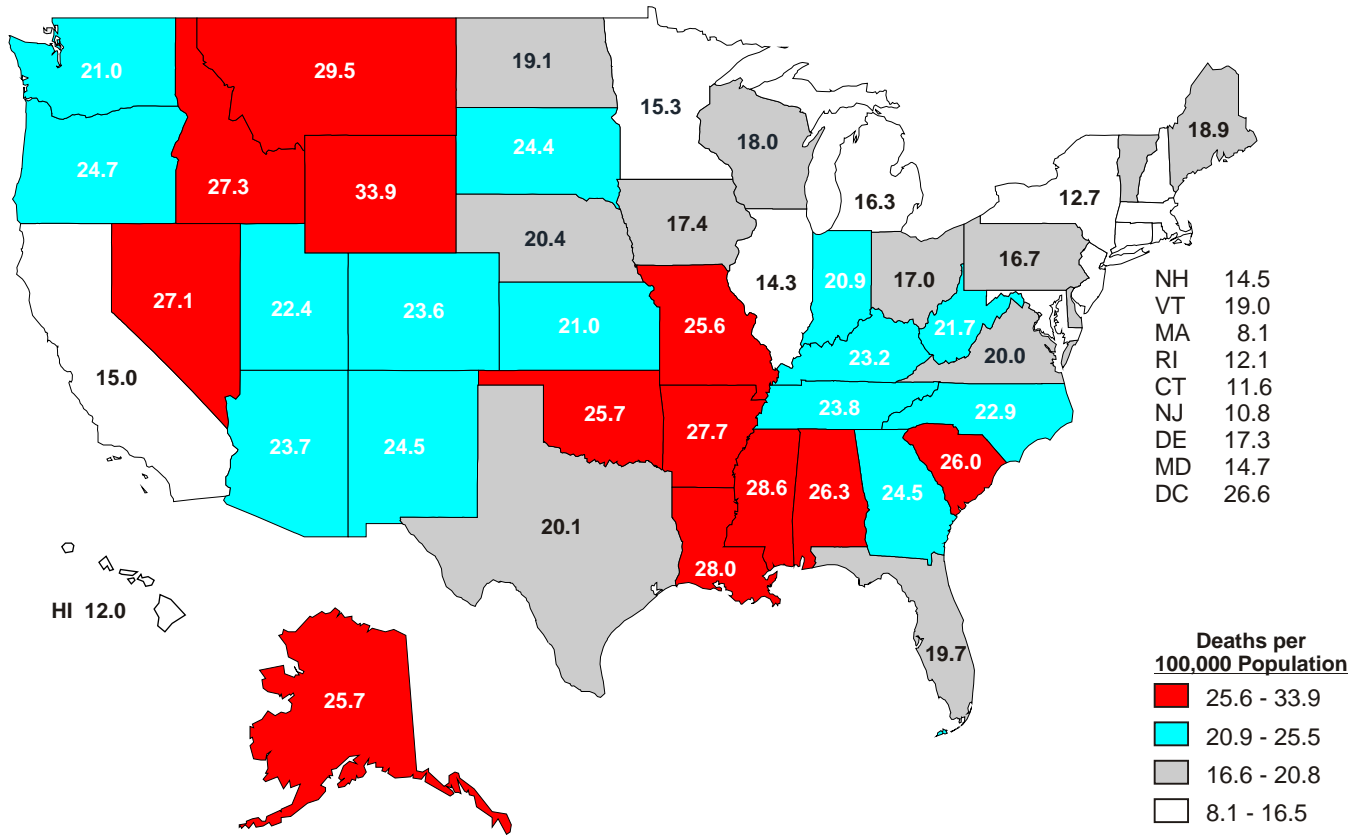


## United States and Kansas 1989-1998

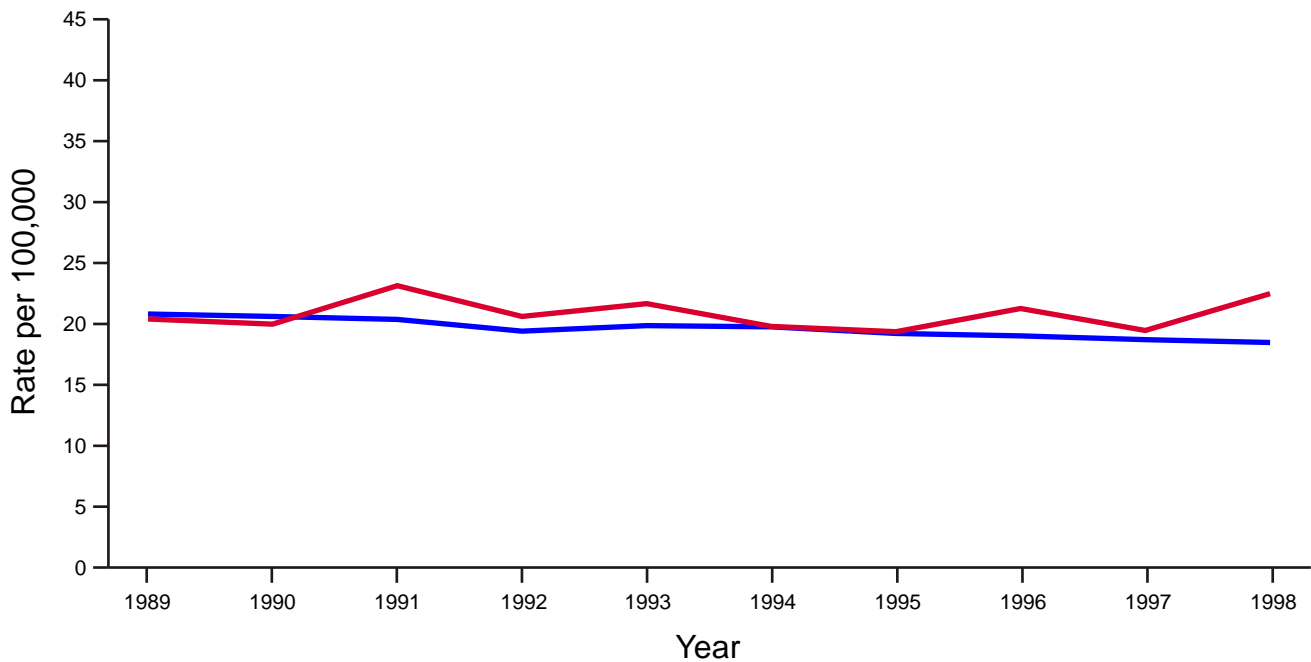




## Traumatic Brain Injury-Related Death Rates\* United States, 1996-1998



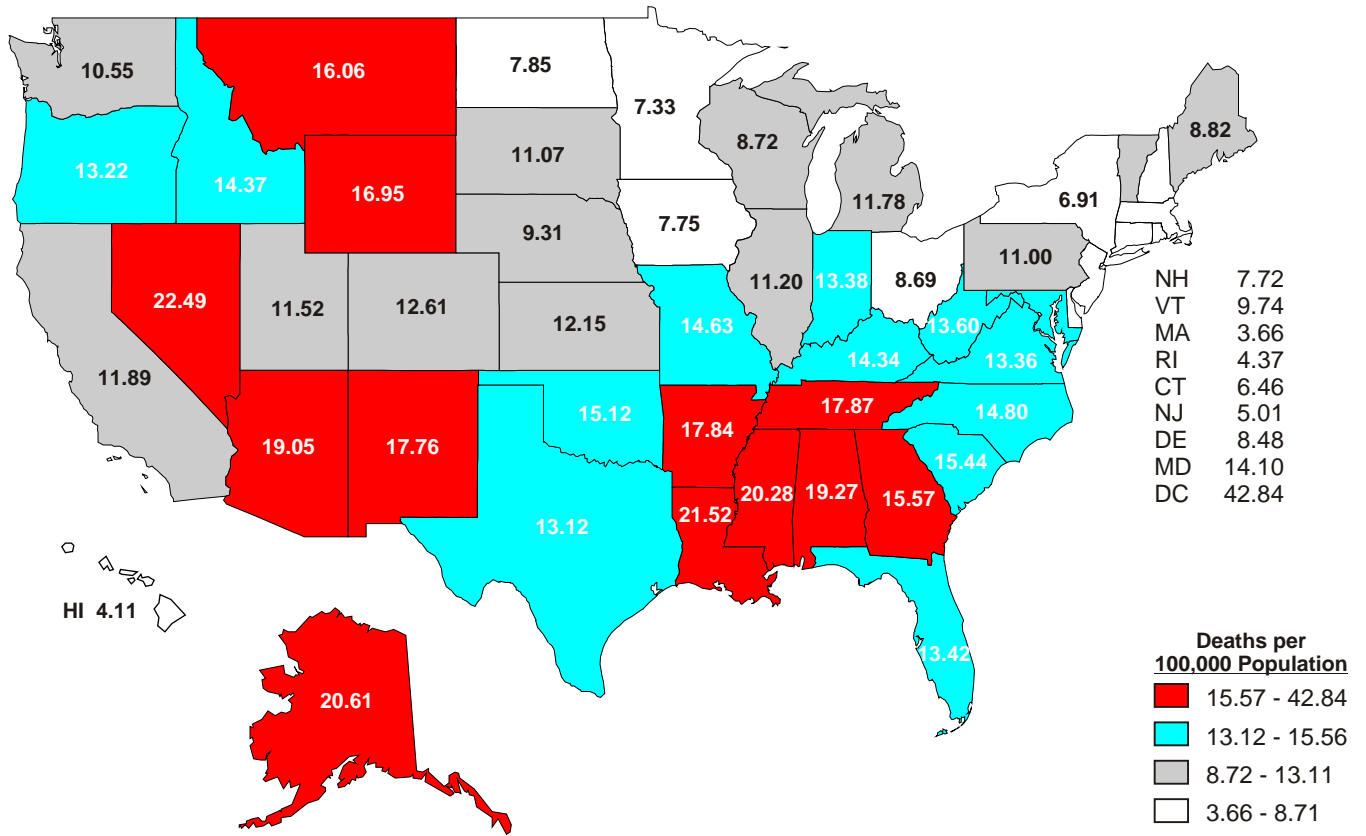
## United States and Kansas 1989-1998



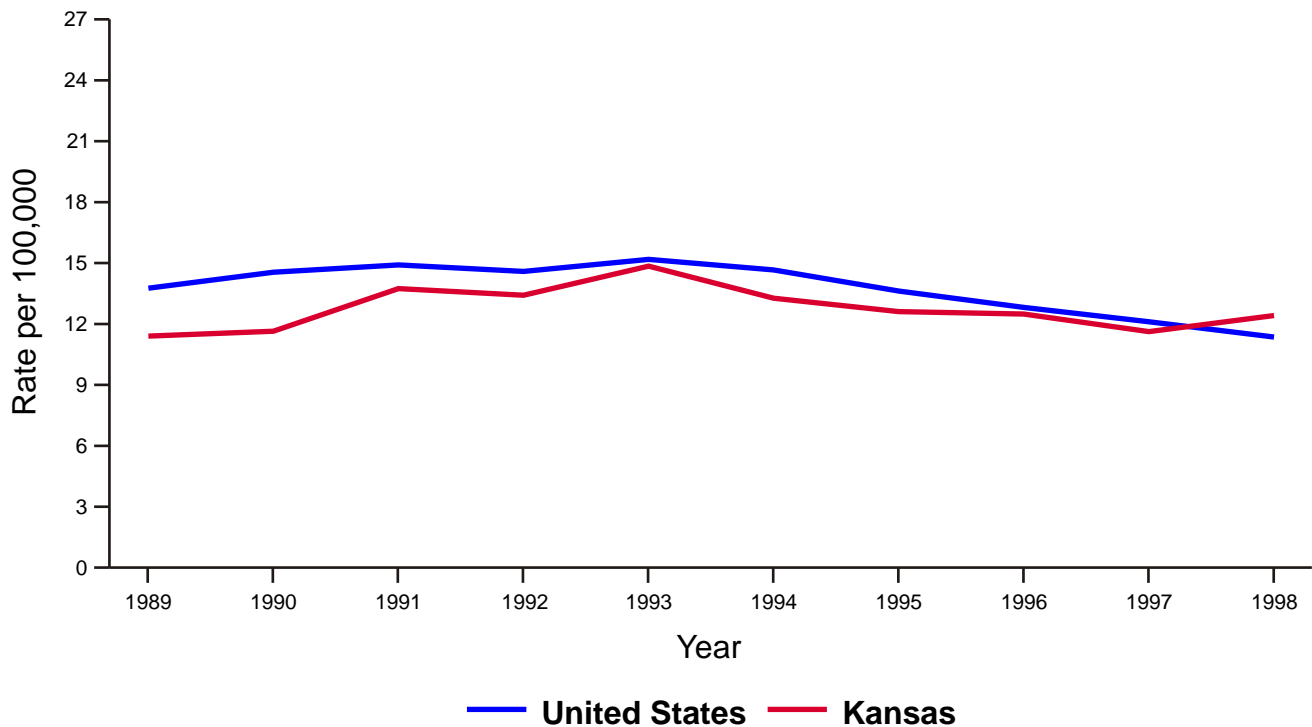
— United States — Kansas

\* 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

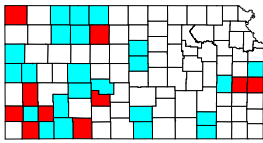


## United States and Kansas 1989-1998

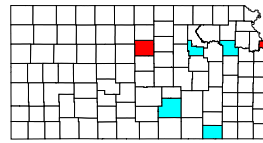


\* Includes deaths from firearm suicide, firearm homicide, unintentional firearm-related deaths, and firearm-related deaths of undetermined intent.

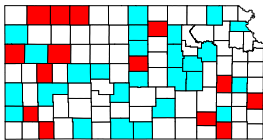
# Kansas 1989-1998



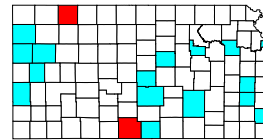
**Motor Vehicle**  
**466** Deaths/Year  
 U.S. 16.4  
 KS 18.1  
 Excess Deaths/Year **44**



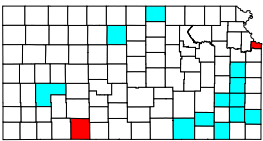
**Homicides**  
**157** Deaths/Year  
 U.S. 8.7  
 KS 6.1



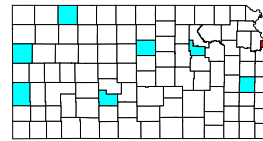
**Falls**  
**131** Deaths/Year  
 U.S. 4.3  
 KS 4.8  
 Excess Deaths/Year **12**



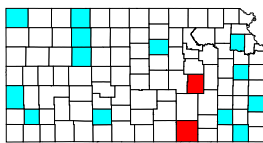
**Suicides**  
**310** Deaths/Year  
 U.S. 12.0  
 KS 12.3  
 Excess Deaths/Year **7**



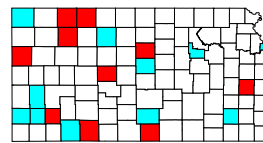
**Fires/Burns**  
**44** Deaths/Year  
 U.S. 1.6  
 KS 1.7  
 Excess Deaths/Year **2**



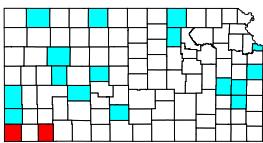
**Firearms**  
**325** Deaths/Year  
 U.S. 13.7  
 KS 12.7



**Drownings**  
**37** Deaths/Year  
 U.S. 1.7  
 KS 1.4



**Traumatic Brain Injury**  
**475** Deaths/Year  
 U.S. 18.5  
 KS 18.4



**Poisonings**  
**42** Deaths/Year  
 U.S. 3.2  
 KS 1.6

### 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**

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# CDC-Funded Injury Control Projects in KANSAS

CDC's National Center for Injury Prevention and Control (NCIPC) funds three programs in Kansas to build the state's ability to keep its citizens safe. All are managed by the state health department.

## Core Injury Programs

### *State-Based Core Injury Program Development*

Kansas is one of 23 states receiving CDC funding to establish a point of coordination for injury control efforts, assess injury data and surveillance resources within the state, and develop a state injury control plan. A core injury development program is a cooperative effort to develop or strengthen the capacity of state public health agencies to prevent and control injuries. These programs possess some combination of these features and tools:

- 1) injury prevention coordinator;
- 2) up-to-date profile of injuries within the state from existing data sources;
- 3) advisory structure to facilitate collaboration with public and private sector groups;
- 4) relationships with organizations, agencies, and individuals interested or experienced in injury prevention or control; and
- 5) a current plan for injury prevention and control based on the state's priorities.

The enhanced program will evaluate and strengthen the Kansas Injury Prevention Program's capacity in both programs and surveillance. (*Kansas Department of Health and Environment*)

## Unintentional Injury

### *Prevention of Fire-Related Injuries*

Staff from the Healthy Start Program, Parents as Teachers, and Home Health Care Services will implement an in-home intervention to increase the number of homes with adequate smoke alarm coverage and to increase residents' abilities to prevent fire-related injuries. Together with the American Red Cross, Boy Scouts of America, Southern Baptist Ministries, and local fire departments, these groups will also provide fire safety education addressing proper placement and maintenance of smoke alarms and the importance of developing and practicing an escape plan. In addition, local coalitions will examine the fire prevention needs of the entire community and of specific groups within the community. (*Kansas Department of Health and Environment*)

## 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.

*(Kansas Department of Health and Environment)*



## Notes

## Notes