

State Injury Profile for Oklahoma

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 Oklahoma 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

| 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**

Oklahoma

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 261 | Unintentional Injuries 113 | Unintentional Injuries 85 | Unintentional Injuries 91 | Unintentional Injuries 724 | Unintentional Injuries 575 | Unintentional Injuries 696 | Malignant Neoplasms 1,807 | Malignant Neoplasms 3,601 | Heart Disease 27,971 | Heart Disease 33,885 |
| 2 | SIDS 144 | Congenital Anomalies 25 | Malignant Neoplasms 22 | Homicide 25 | Suicide 237 | Suicide 255 | Malignant Neoplasms 690 | Heart Disease 1,701 | Heart Disease 3,325 | Malignant Neoplasms 15,058 | Malignant Neoplasms 21,472 |
| 3 | Short Gestation 117 | Homicide 17 | Congenital Anomalies 9 | Malignant Neoplasms 23 | Homicide 208 | Malignant Neoplasms 190 | Heart Disease 650 | Unintentional Injuries 490 | Bronchitis Emphysema Asthma 549 | Cerebro-vascular 6,274 | Cerebro-vascular 7,101 |
| 4 | Respiratory Distress Synd. 62 | Heart Disease 13 | Heart Disease 7 | Suicide 14 | Malignant Neoplasms 64 | Homicide 179 | Suicide 319 | Cerebro-vascular 232 | Cerebro-vascular 419 | Bronchitis Emphysema Asthma 4,279 | Bronchitis Emphysema Asthma 5,044 |
| 5 | Perinatal Infections 44 | Malignant Neoplasms 7 | Homicide 7 | Bronchitis Emphysema Asthma 7 | Heart Disease 47 | HIV 120 | HIV 166 | Suicide 226 | Unintentional Injuries 396 | Pneumonia & Influenza 3,622 | Unintentional Injuries 4,794 |
| 6 | Unintentional Injuries 41 | Perinatal Period 5 | Septicemia 4 | Congenital Anomalies 6 | Bronchitis Emphysema Asthma 17 | Heart Disease 114 | Homicide 162 | Liver Disease 210 | Diabetes 382 | Diabetes 1,872 | Pneumonia & Influenza 4,009 |
| 7 | Placenta Cord Membranes 38 | Benign Neoplasms 3 | Benign Neoplasms 3 | Heart Disease 3 | Congenital Anomalies 14 | Diabetes 36 | Liver Disease 151 | Diabetes 186 | Liver Disease 207 | Unintentional Injuries 1,576 | Diabetes 2,580 |
| 8 | Maternal Complications 30 | Cerebro-vascular 2 | Bronchitis Emphysema Asthma 3 | Nephritis 3 | Pneumonia & Influenza 9 | Cerebro-vascular 34 | Cerebro-vascular 124 | Bronchitis Emphysema Asthma 128 | Pneumonia & Influenza 170 | Nephritis 1,152 | Suicide 1,435 |
| 9 | Pneumonia & Influenza 19 | Pneumonia & Influenza 2 | Pneumonia & Influenza 2 | Pneumonia & Influenza 3 | Cerebro-vascular 6 | Pneumonia & Influenza 21 | Diabetes 98 | Pneumonia & Influenza 107 | Suicide 128 | Atherosclerosis 1,060 | Nephritis 1,291 |
| 10 | Intrauterine Hypoxia 13 | 2 Tied | 6 Tied | 3 Tied | Diabetes 6 | 2 Tied | Pneumonia & Influenza 54 | Homicide 99 | Septicemia 78 | Septicemia 829 | Atherosclerosis 1,144 |

Oklahoma Total Number of Injury Deaths

| <u>Cause</u> | <u>Deaths</u> | <u>Percent</u> |
|--------------------------|---------------|----------------|
| Unintentional Injury | 4,794 | 68.3% |
| Intentional Injury | 2,225 | 31.7% |
| Total (1996-1998) | 7,019 | 100.0% |

Average Number of Injury Deaths per Year
In Oklahoma = **2,340**

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% |

Oklahoma Only Unintentional Injury

| <u>Cause</u> | <u>Deaths</u> | <u>Percent</u> |
|--------------|---------------|----------------|
| MV Traffic | 2,397 | 50.0% |
| Fall | 522 | 10.9% |
| Poisoning | 309 | 6.4% |
| Suffocation | 217 | 4.5% |
| Fire/Burn | 205 | 4.3% |
| Other Causes | <u>1,144</u> | <u>23.9%</u> |
| | 4,794 | 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% |

Oklahoma Only Suicide

| <u>Cause</u> | <u>Deaths</u> | <u>Percent</u> |
|--------------|---------------|----------------|
| Firearm | 936 | 65.2% |
| Poisoning | 219 | 15.3% |
| Suffocation | 216 | 15.1% |
| Other Causes | <u>64</u> | <u>4.5%</u> |
| | 1,435 | 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% |

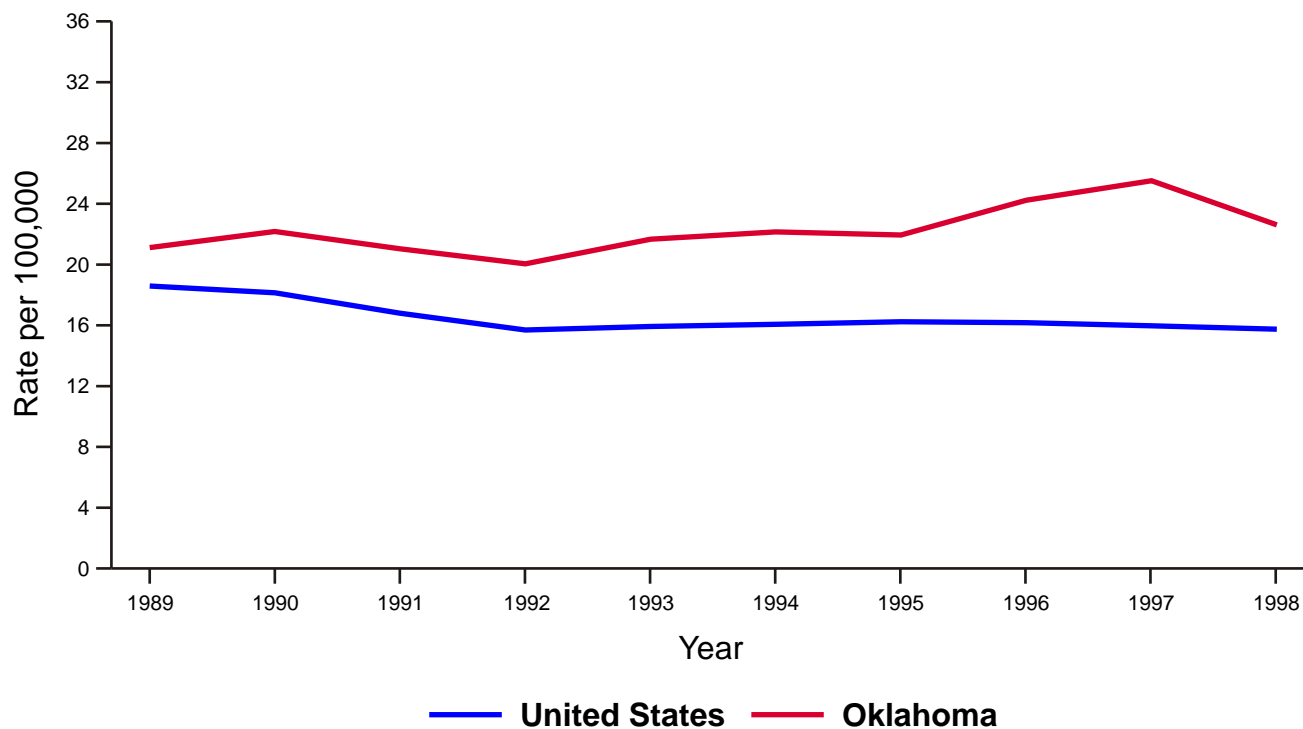
Oklahoma Only Homicide and Legal Intervention

| <u>Cause</u> | <u>Deaths</u> | <u>Percent</u> |
|--------------|---------------|----------------|
| Firearm | 496 | 62.8% |
| Cut/Pierce | 75 | 9.5% |
| Suffocation | 21 | 2.7% |
| Other Causes | <u>198</u> | <u>25.1%</u> |
| | 790 | 100.1% |

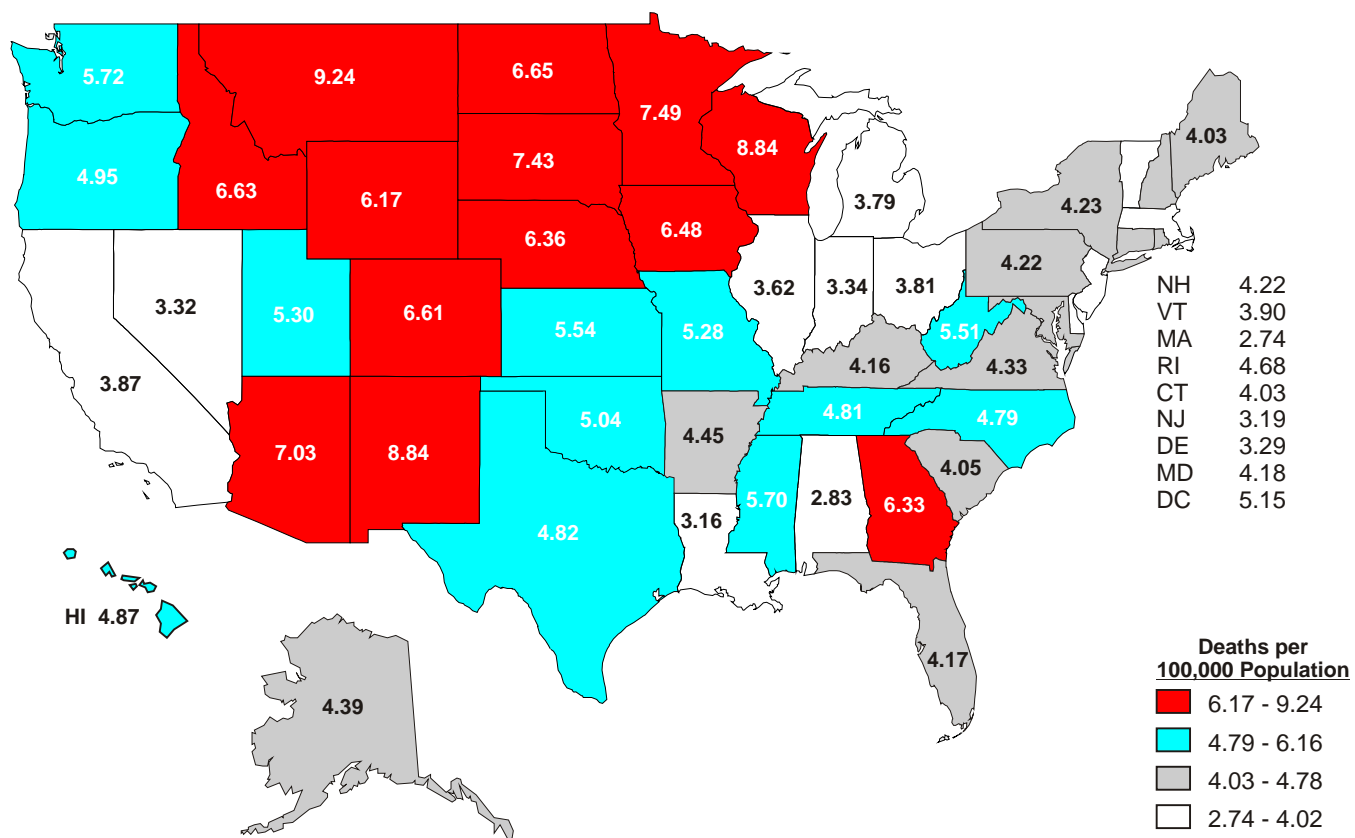
Unintentional Motor Vehicle, Traffic-Related Death Rates United States, 1996-1998



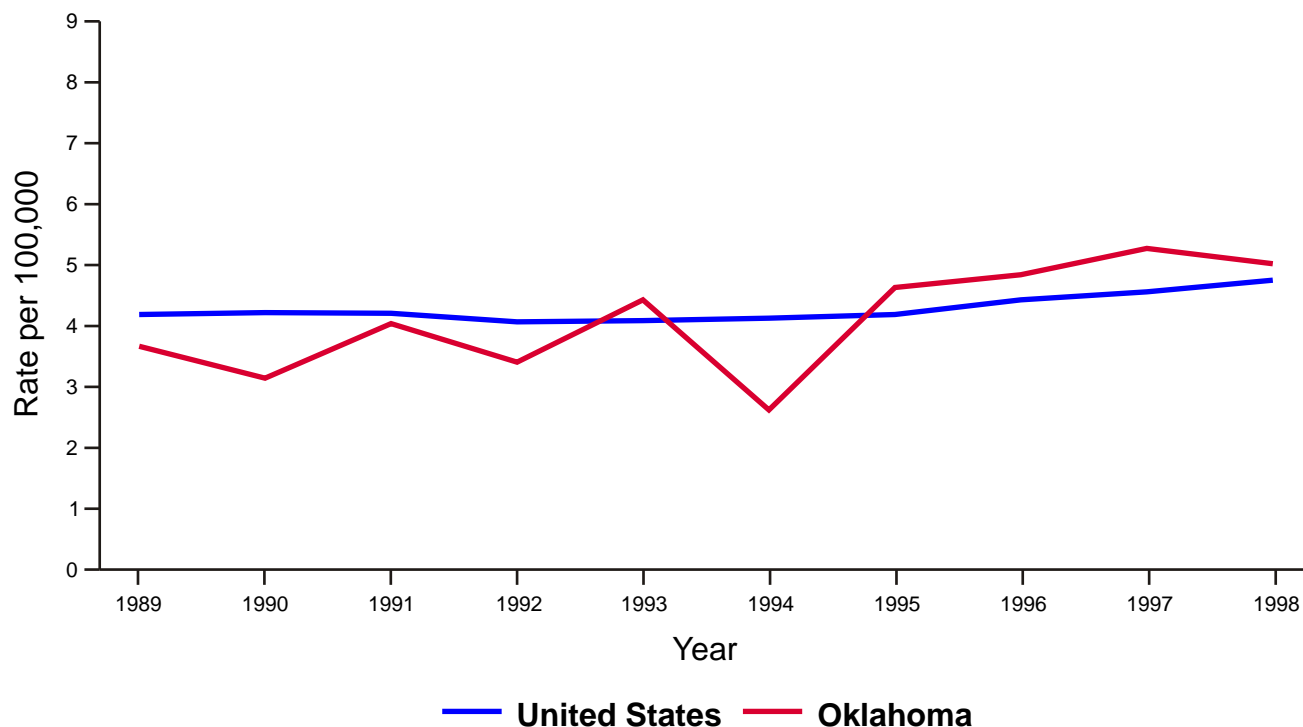
United States and Oklahoma 1989-1998



Unintentional Fall Death Rates United States, 1996-1998



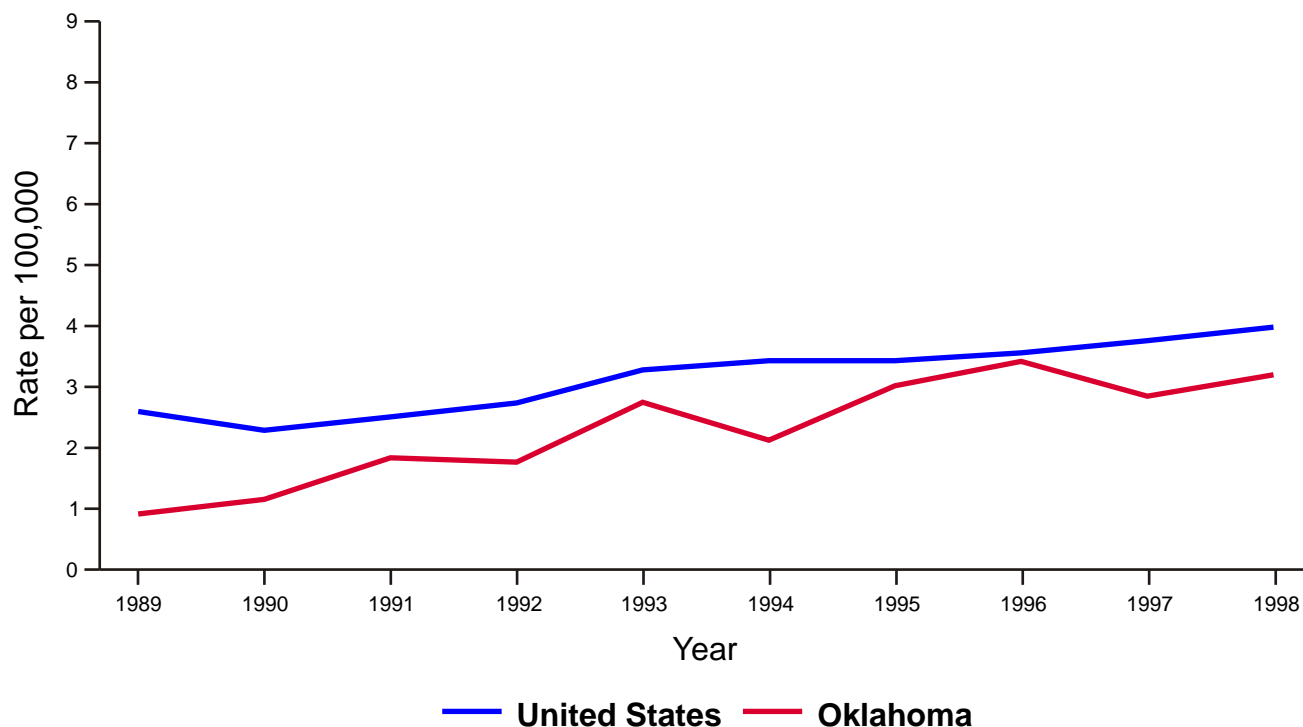
United States and Oklahoma 1989-1998



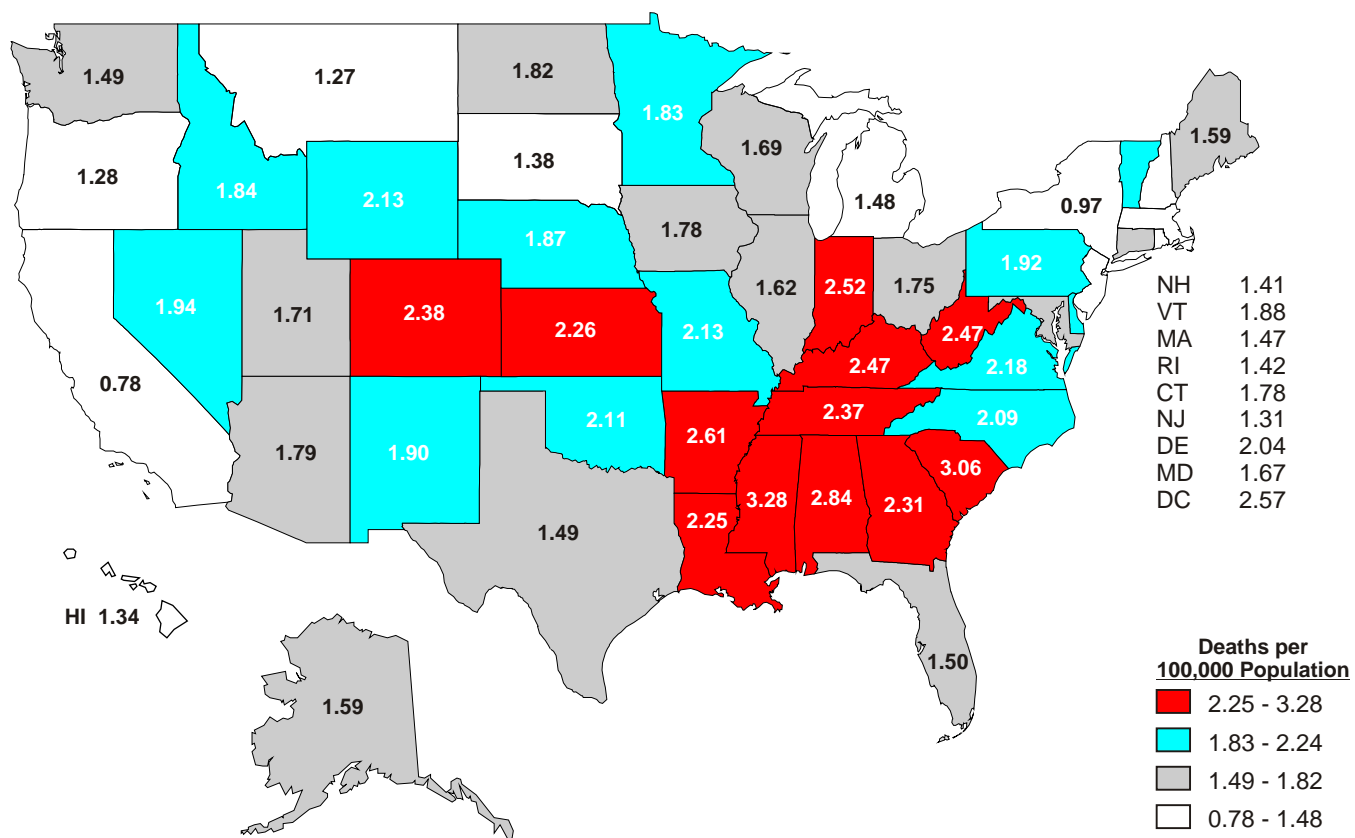
Unintentional Poisoning Death Rates United States, 1996-1998



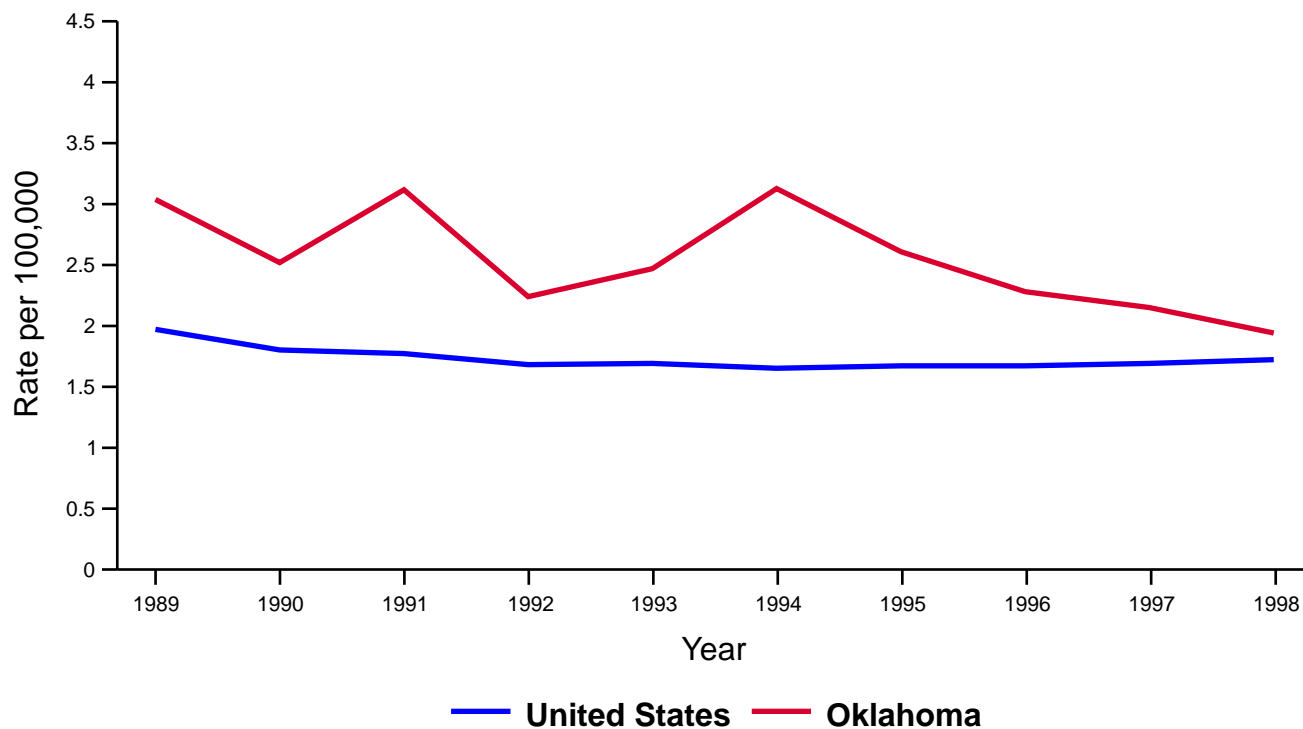
United States and Oklahoma 1989-1998



Unintentional Suffocation Death Rates United States, 1996-1998



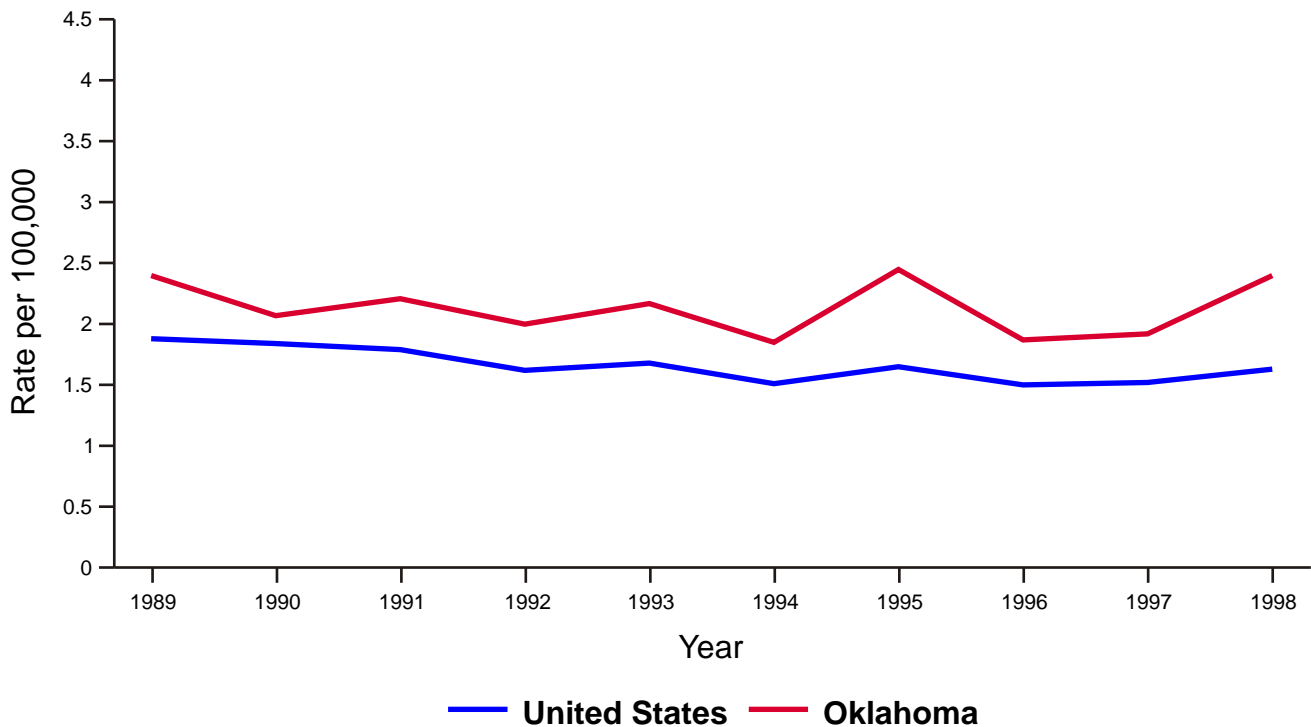
United States and Oklahoma 1989-1998



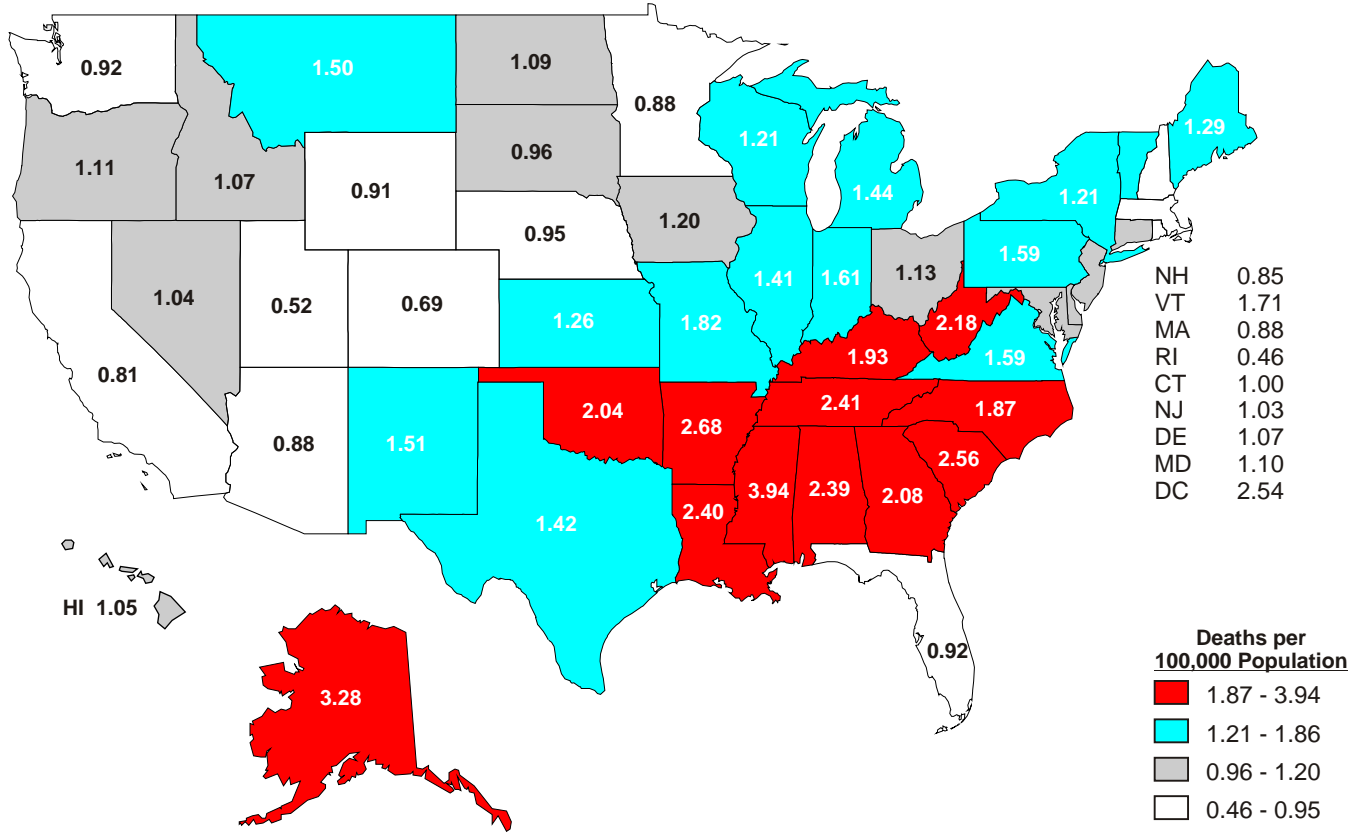
Unintentional Drowning Death Rates United States, 1996-1998



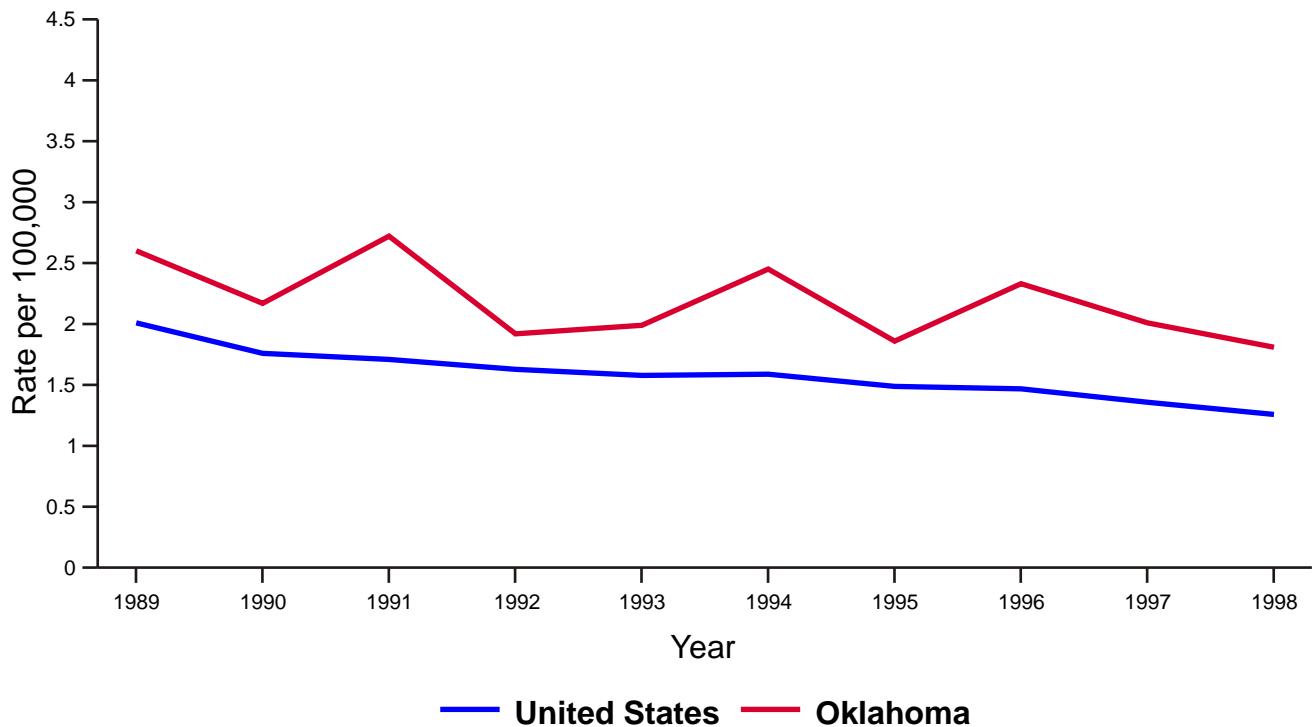
United States and Oklahoma 1989-1998



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



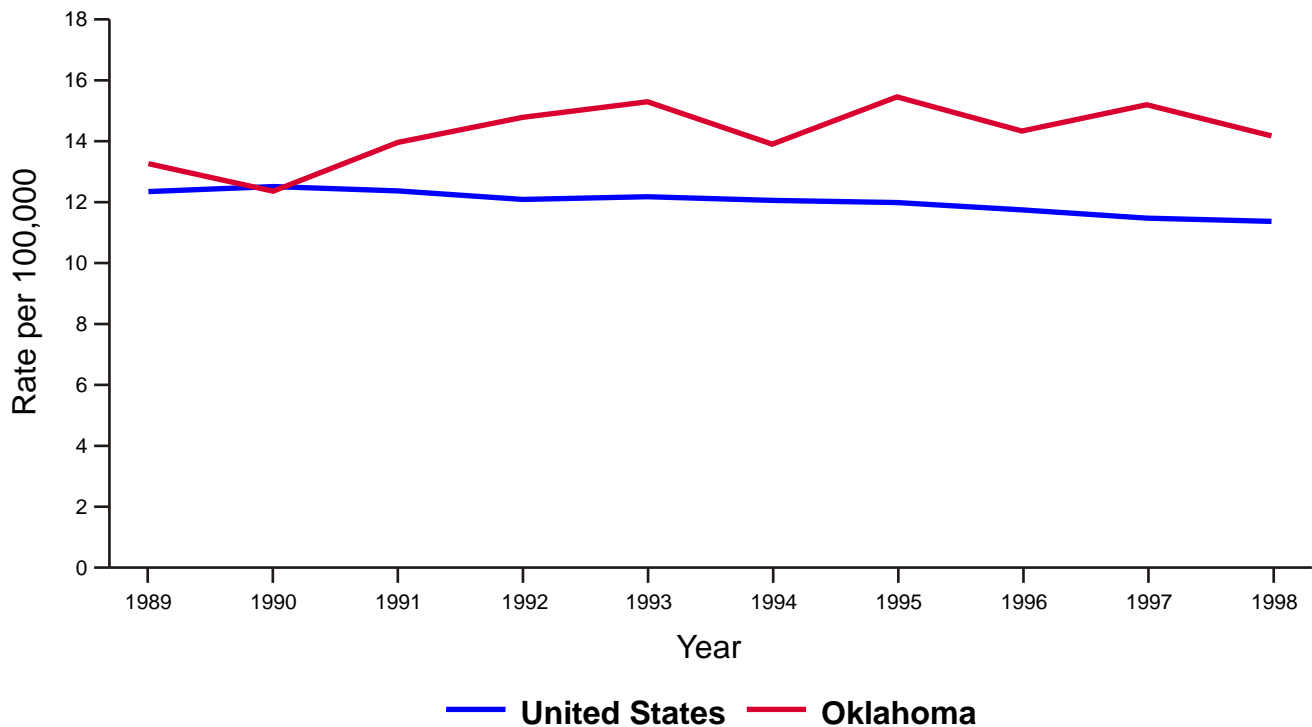
United States and Oklahoma 1989-1998



Suicide Death Rates United States, 1996-1998



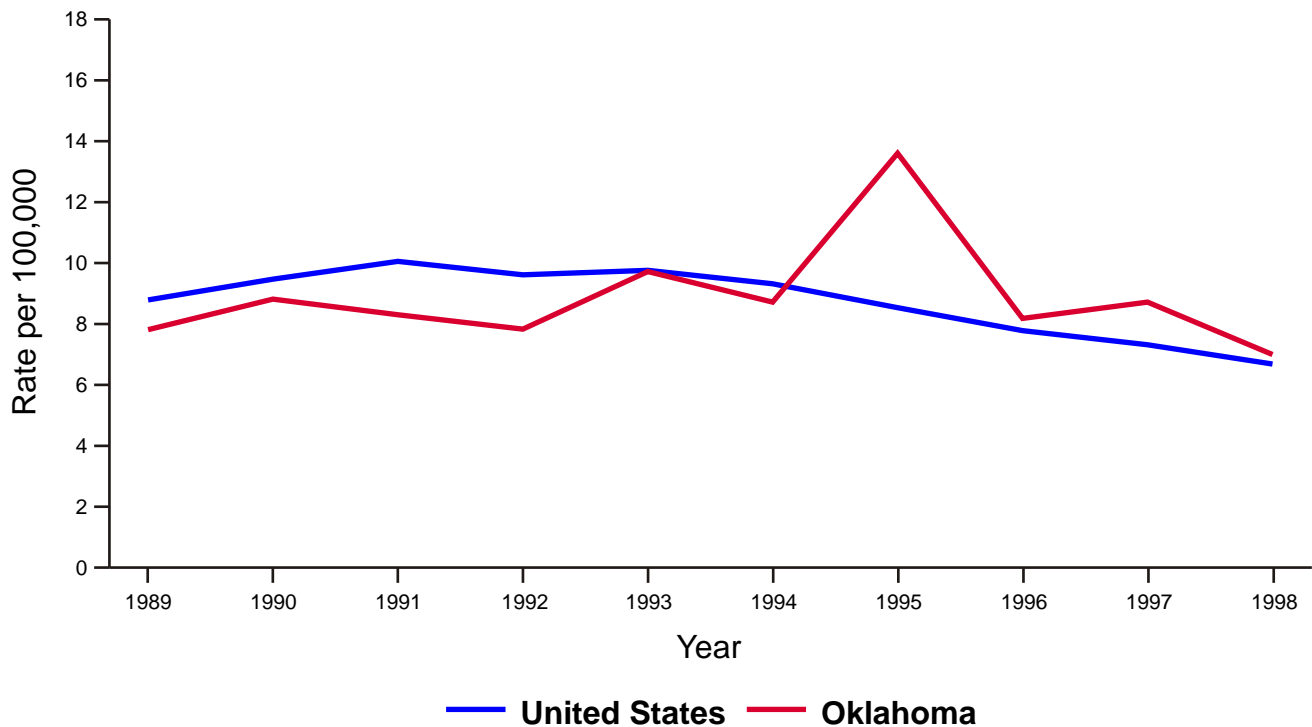
United States and Oklahoma 1989-1998



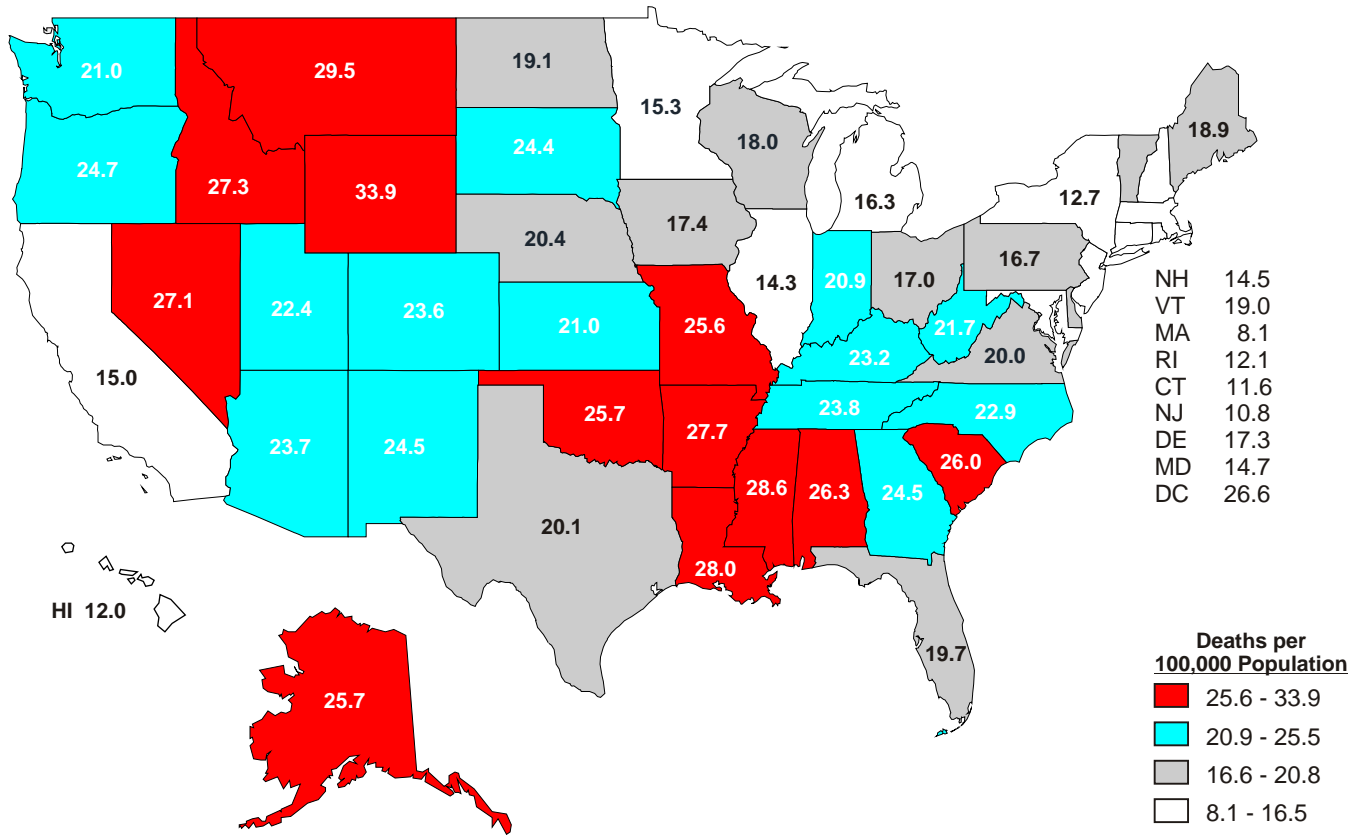
Homicide Death Rates United States, 1996-1998



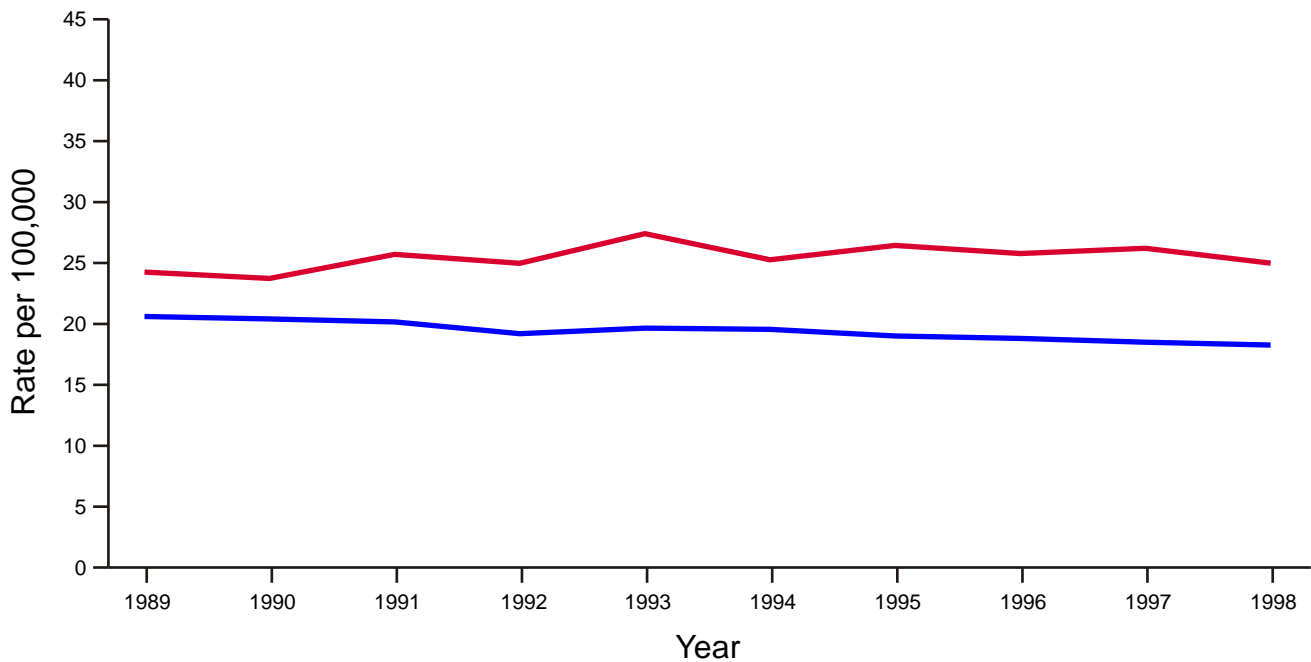
United States and Oklahoma 1989-1998



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



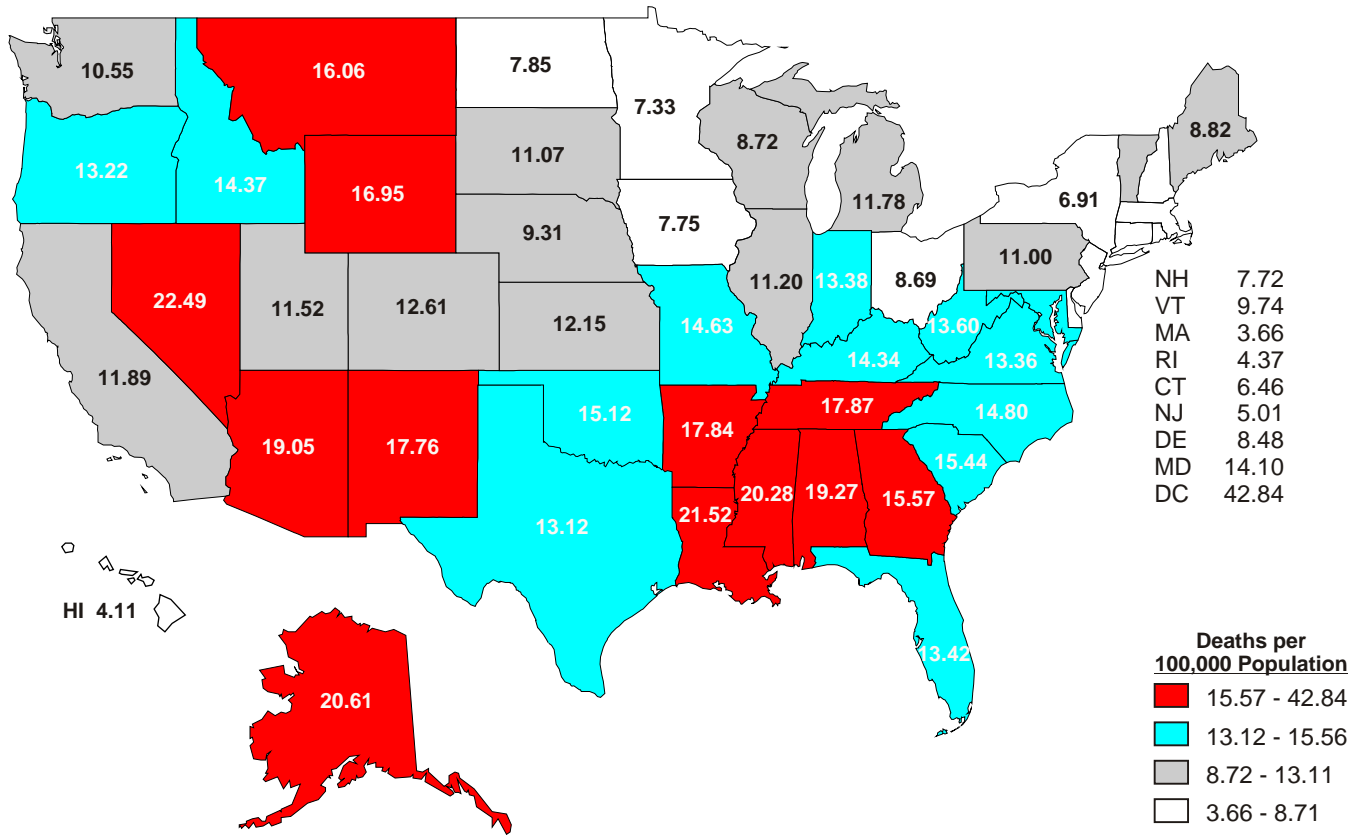
United States and Oklahoma 1989-1998



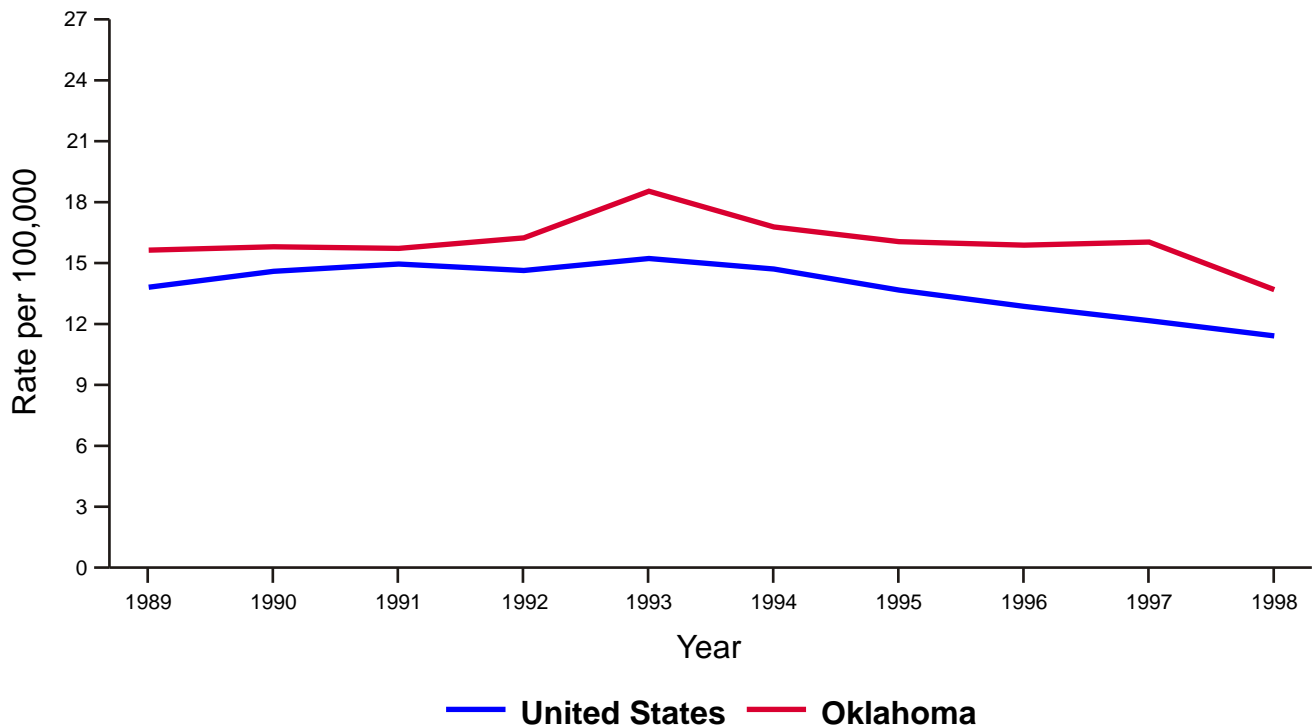
— United States — Oklahoma

* 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

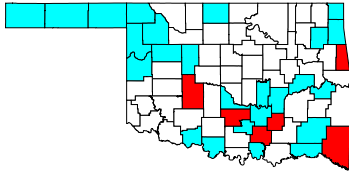


United States and Oklahoma 1989-1998

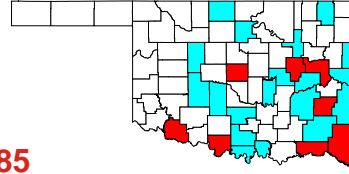


* Includes deaths from firearm suicide, firearm homicide, unintentional firearm-related deaths, and firearm-related deaths of undetermined intent.

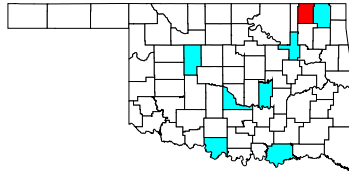
Oklahoma 1989-1998



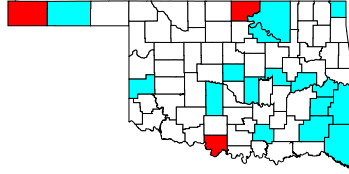
Motor Vehicle
719 Deaths/Year
 U.S. 16.4
 OK 22.1
 Excess Deaths/Year **185**



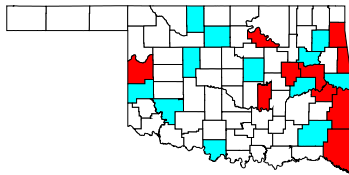
Homicides
286 Deaths/Year
 U.S. 8.7
 OK 8.9
 Excess Deaths/Year **5**



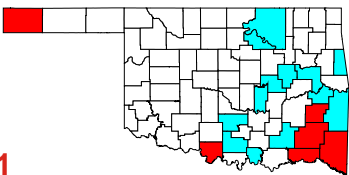
Falls
135 Deaths/Year
 U.S. 4.3
 OK 4.1



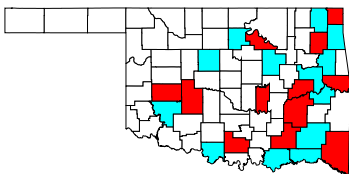
Suicides
459 Deaths/Year
 U.S. 12.0
 OK 14.3
 Excess Deaths/Year **74**



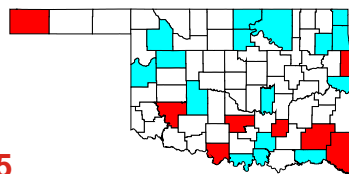
Fires/Burns
74 Deaths/Year
 U.S. 1.6
 OK 2.3
 Excess Deaths/Year **21**



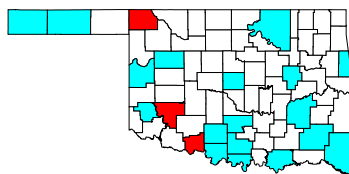
Firearms
517 Deaths/Year
 U.S. 13.7
 OK 16.0
 Excess Deaths/Year **73**



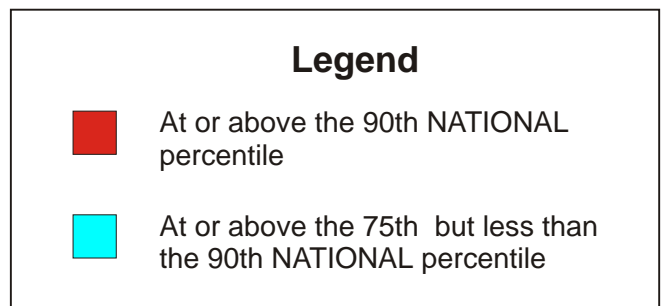
Drownings
69 Deaths/Year
 U.S. 1.7
 OK 2.1
 Excess Deaths/Year **15**



Traumatic Brain Injury
740 Deaths/Year
 U.S. 18.5
 OK 22.7
 Excess Deaths/Year **138**



Poisonings
74 Deaths/Year
 U.S. 3.2
 OK 2.4



CDC-Funded Injury Control Projects

SAFER·HEALTHIER·PEOPLE™

CDC-Funded Injury Control Projects in OKLAHOMA

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

Core Injury Programs

State-Based Core Injury Program Development

Oklahoma 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.

(Oklahoma State Department of Health)

State-Based Core Injury Surveillance and Program Development

Oklahoma's advanced program will strengthen established surveillance capabilities and develop a comprehensive, statewide, ongoing injury surveillance system. *(Oklahoma State Department of Health)*

Intentional Injury

Surveillance of Intimate Partner Violence

This will establish the Oklahoma Intimate Partner Violence Surveillance Program within the Injury Prevention Service. The program aims to

- 1) conduct statewide population-based surveillance to determine the annual incidence of intimate partner violence injuries that are either fatal or treated at a hospital, and to field test CDC's Uniform Definitions and Recommended Data Elements for surveillance of intimate partner violence;
- 2) design and conduct a self-report survey to determine the annual prevalence of intimate partner violence, including annual incidence of violent episodes, prevalence of related physical injury and disability, and use of mental health, substance abuse, and law enforcement services associated with intimate partner violence;
- 3) determine the proportion of persons who experience intimate partner violence and are seen at a hospital;

- 4) establish an intimate partner violence advisory committee;
- 5) analyze data and widely disseminate findings; and
- 6) develop guidelines for replicating the surveillance that can be used by other states and localities.

(Oklahoma State Department of Health)

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

A project to implement and evaluate multiple interventions aimed at reducing the incidence and severity of intimate partner violence and sexual violence among Latinos in central Oklahoma. The program aims to increase availability of culturally appropriate intervention and prevention services among the Latino population. The program will also seek to reduce future incidence of intimate partner and sexual violence perpetrated by or against Latino school-aged youth.

(Latino Community Development Agency, Inc.)

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.

(Oklahoma State Department of Health)

Unintentional Injury

Prevention of Fire-Related Injuries

A project to reduce residential fire-related deaths and injuries and their associated disabilities and costs in targeted communities. Program staff will distribute alarms by going door-to-door in the target communities. *(Oklahoma State Department of Health)*

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. *(Oklahoma State Department of Health)*

Notes

Notes