

State Injury Profile for Kentucky

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 Kentucky 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

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
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**

Kentucky

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 316	Unintentional Injuries 97	Unintentional Injuries 96	Unintentional Injuries 84	Unintentional Injuries 852	Unintentional Injuries 708	Malignant Neoplasms 844	Malignant Neoplasms 2,448	Malignant Neoplasms 5,001	Heart Disease 29,430	Heart Disease 36,293
2	Short Gestation 130	Congenital Anomalies 30	Malignant Neoplasms 24	Malignant Neoplasms 20	Suicide 181	Suicide 278	Heart Disease 766	Heart Disease 2,010	Heart Disease 3,756	Malignant Neoplasms 18,214	Malignant Neoplasms 26,870
3	SIDS 116	Malignant Neoplasms 17	Congenital Anomalies 13	Suicide 12	Homicide 171	Malignant Neoplasms 224	Unintentional Injuries 730	Unintentional Injuries 514	Bronchitis Emphysema Asthma 684	Cerebro-vascular 6,631	Cerebro-vascular 7,574
4	Unintentional Injuries 59	Heart Disease 13	Pneumonia & Influenza 6	Heart Disease 11	Malignant Neoplasms 74	Heart Disease 211	Suicide 339	Cerebro-vascular 262	Cerebro-vascular 505	Bronchitis Emphysema Asthma 4,909	Bronchitis Emphysema Asthma 5,857
5	Maternal Complications 58	Homicide 11	Homicide 6	Congenital Anomalies 10	Heart Disease 60	Homicide 171	Homicide 171	Liver Disease 222	Diabetes 404	Pneumonia & Influenza 3,765	Unintentional Injuries 5,252
6	Respiratory Distress Synd. 41	Pneumonia & Influenza 6	Heart Disease 4	Homicide 6	Congenital Anomalies 28	HIV 96	Liver Disease 124	Suicide 222	Unintentional Injuries 386	Diabetes 2,321	Pneumonia & Influenza 4,129
7	Placenta Cord Membranes 35	Meningo-coccal 4	Septicemia 4	Bronchitis Emphysema Asthma 4	Bronchitis Emphysema Asthma 14	Cerebro-vascular 37	Cerebro-vascular 120	Diabetes 218	Liver Disease 248	Unintentional Injuries 1,725	Diabetes 3,081
8	Intrauterine Hypoxia 28	Septicemia 4	Nephritis 3	Benign Neoplasms 3	Pneumonia & Influenza 12	Diabetes 27	HIV 117	Bronchitis Emphysema Asthma 180	Pneumonia & Influenza 196	Nephritis 1,365	Nephritis 1,575
9	Perinatal Infections 27	Meningitis 3	Benign Neoplasms 2	Diabetes 3	Cerebro-vascular 8	Liver Disease 23	Diabetes 101	Homicide 102	Suicide 152	Alzheimer's Disease 1,181	Suicide 1,502
10	Homicide 15	2 Tied	Meningitis 2	Cerebro-vascular 2	Diabetes 7	Bronchitis Emphysema Asthma 19	Pneumonia & Influenza 48	Septicemia 78	Septicemia 113	Septicemia 1,006	Septicemia 1,256

Kentucky Total Number of Injury Deaths

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Unintentional Injury	5,252	70.1%
Intentional Injury	2,244	29.9%
Total (1996-1998)	7,496	100.0%

Average Number of Injury Deaths per Year
In Kentucky = **2,499**

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%

Kentucky Only Unintentional Injury

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
MV Traffic	2,424	46.2%
Fall	470	8.9%
Poisoning	378	7.2%
Suffocation	283	5.4%
Fire/Burn	223	4.2%
Other Causes	<u>1,474</u>	<u>28.1%</u>
	5,252	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%

Kentucky Only Suicide

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	1,080	71.9%
Poisoning	184	12.3%
Suffocation	168	11.2%
Other Causes	<u>70</u>	<u>4.7%</u>
	1,502	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%

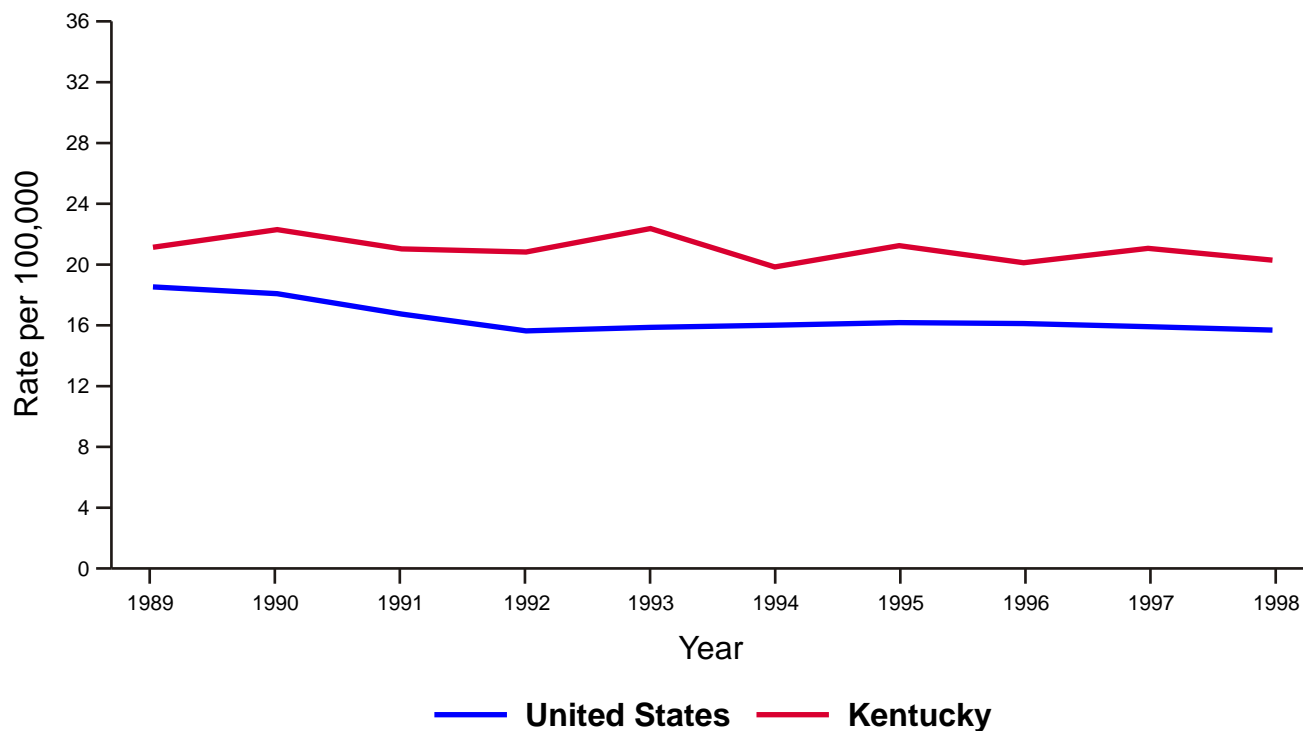
Kentucky Only Homicide and Legal Intervention

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	499	67.3%
Cut/Pierce	93	12.5%
Suffocation	23	3.1%
Other Causes	<u>127</u>	<u>17.1%</u>
	742	100.0%

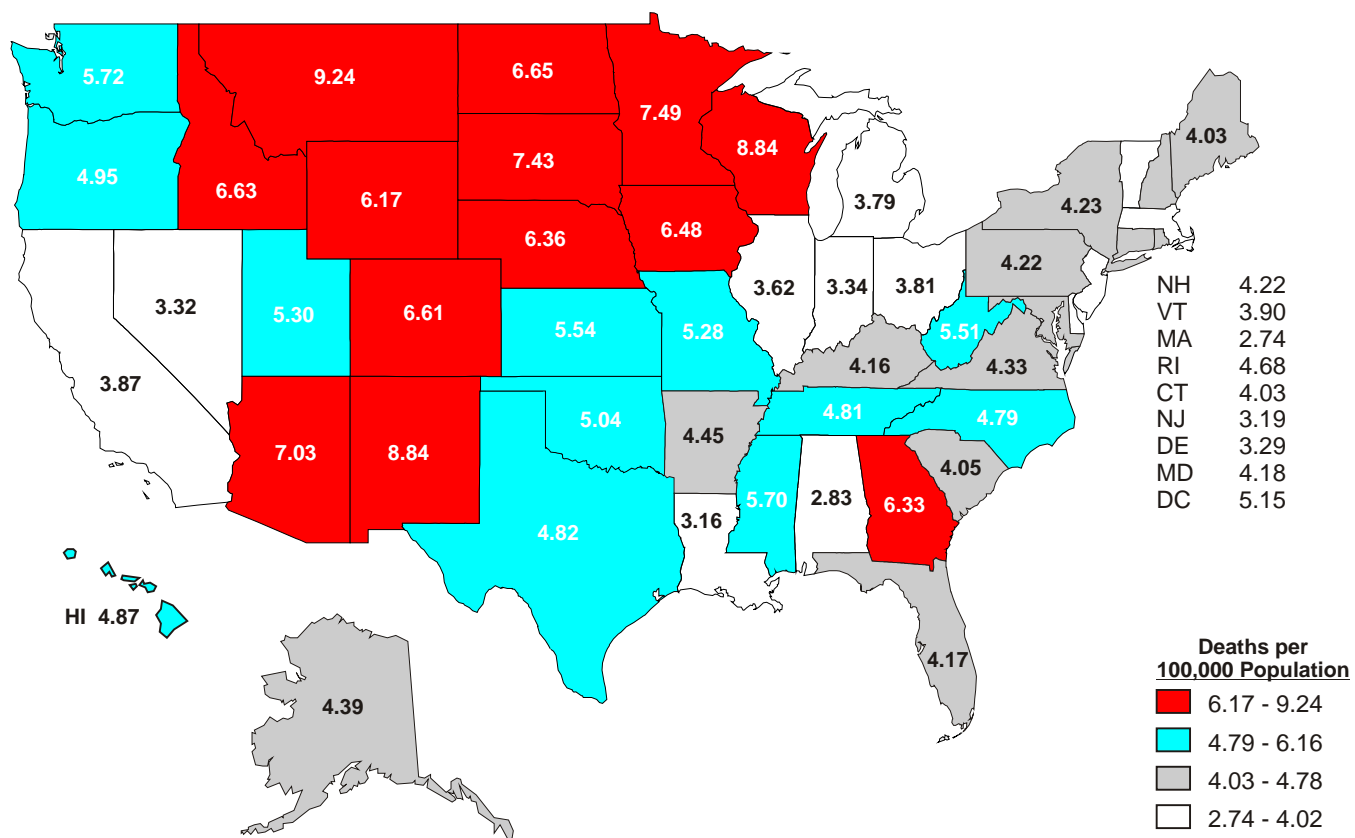
Unintentional Motor Vehicle, Traffic-Related Death Rates United States, 1996-1998



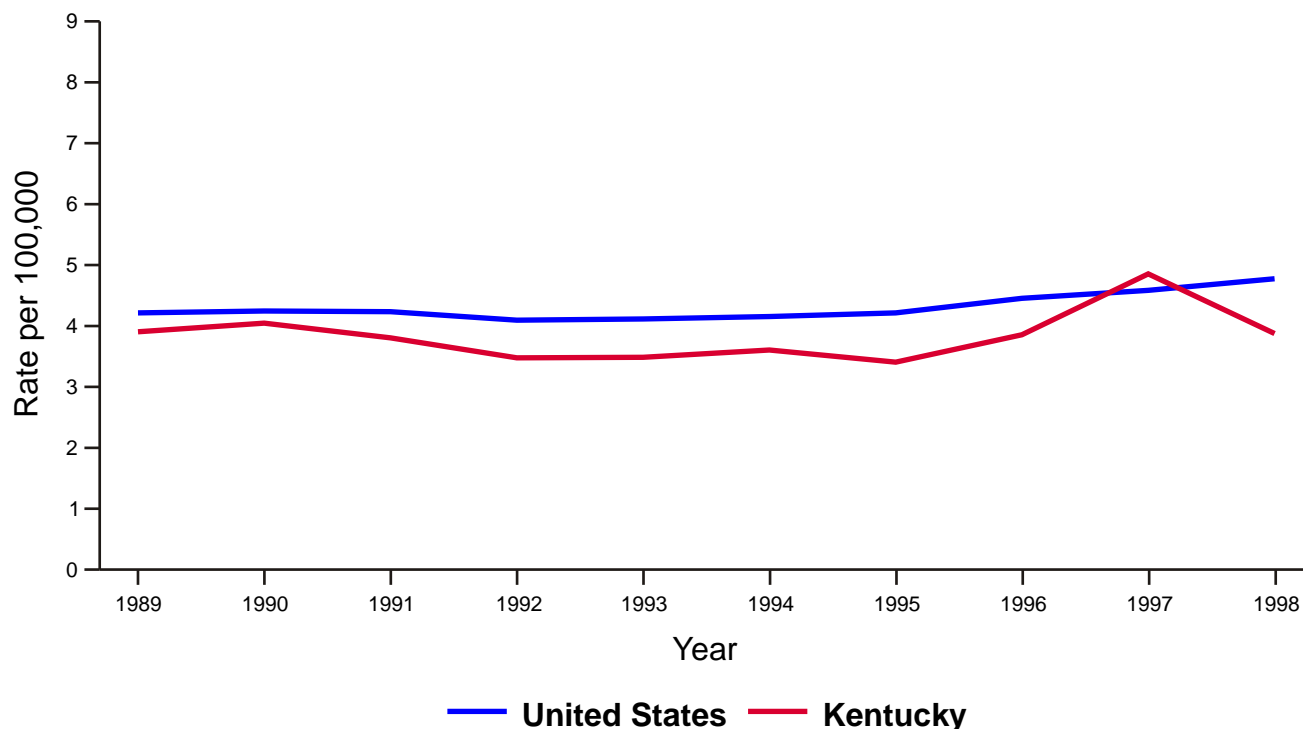
United States and Kentucky 1989-1998



Unintentional Fall Death Rates United States, 1996-1998



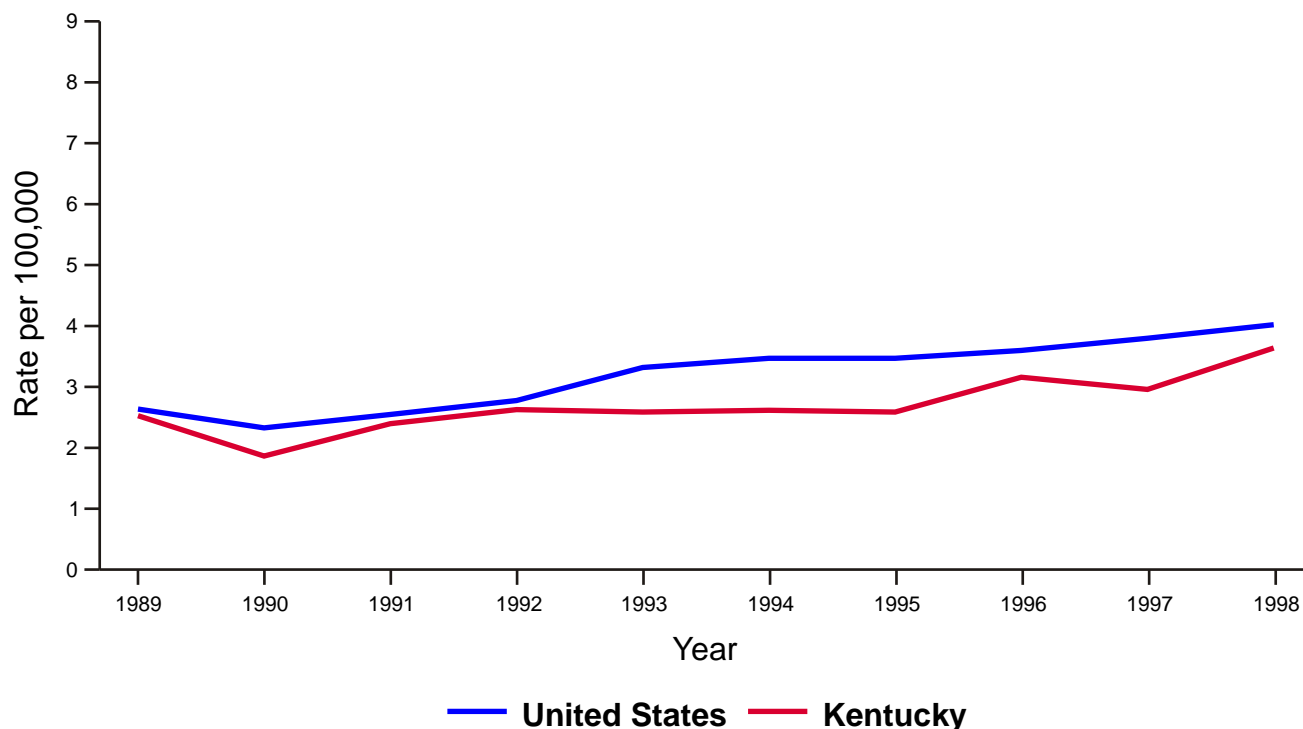
United States and Kentucky 1989-1998



Unintentional Poisoning Death Rates United States, 1996-1998



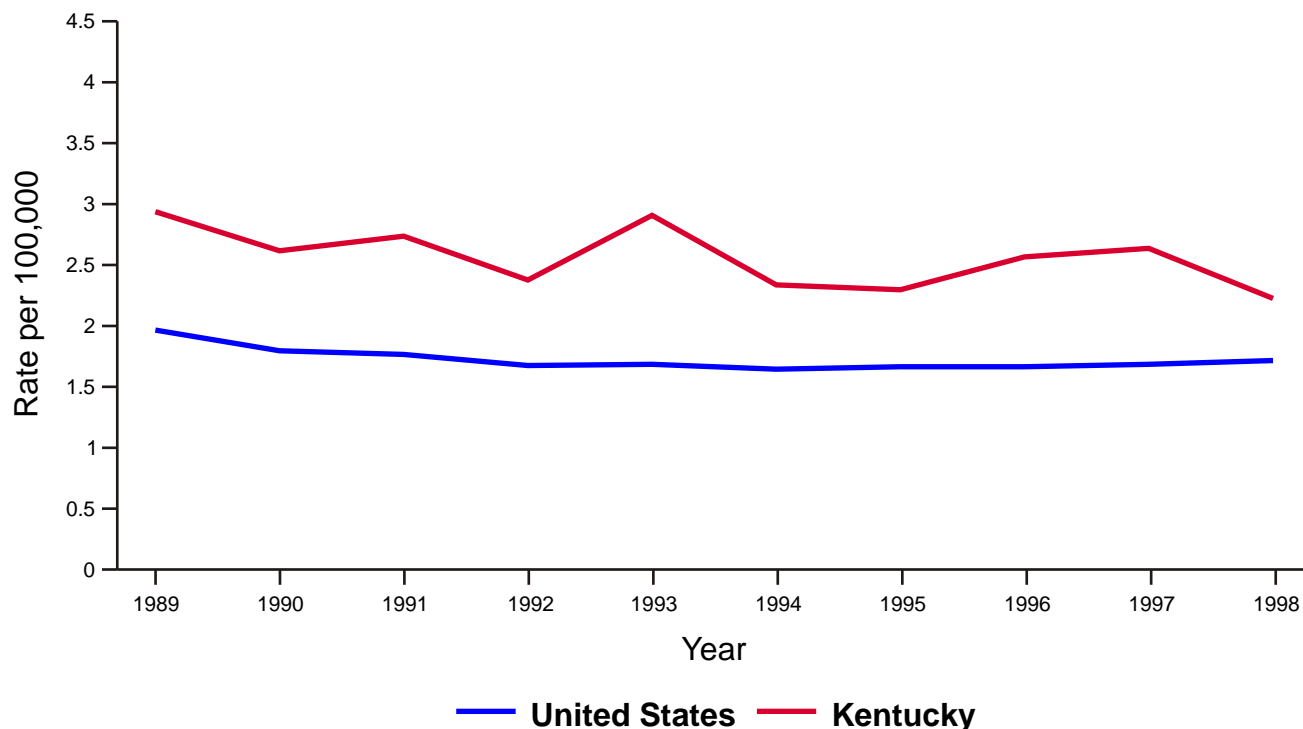
United States and Kentucky 1989-1998



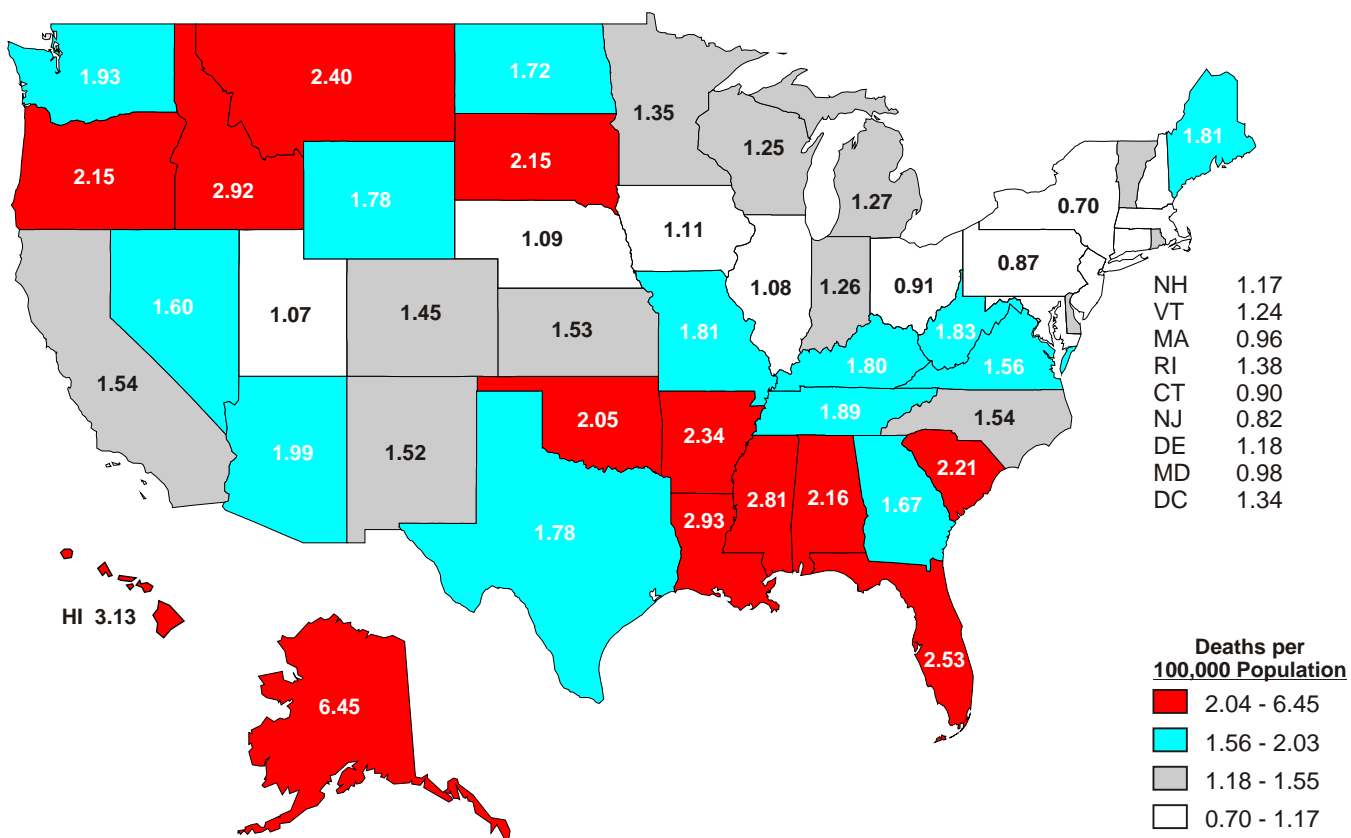
Unintentional Suffocation Death Rates United States, 1996-1998



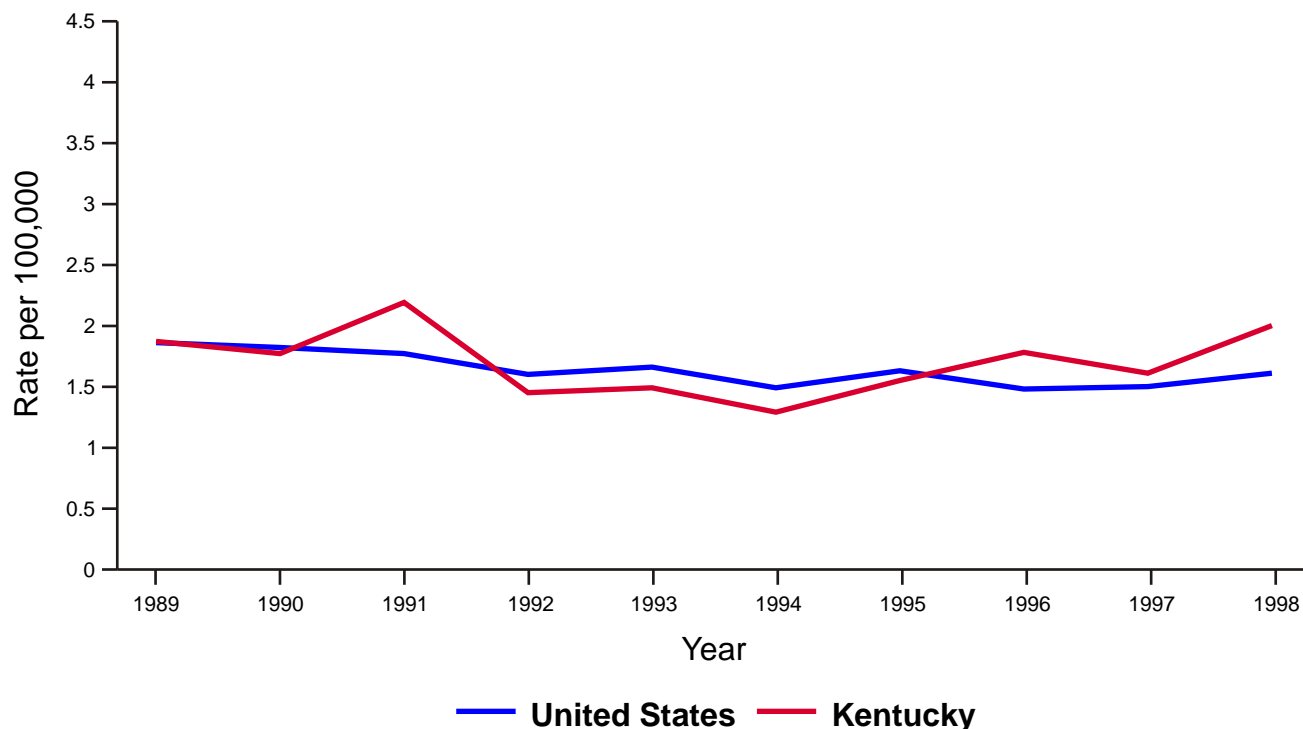
United States and Kentucky 1989-1998



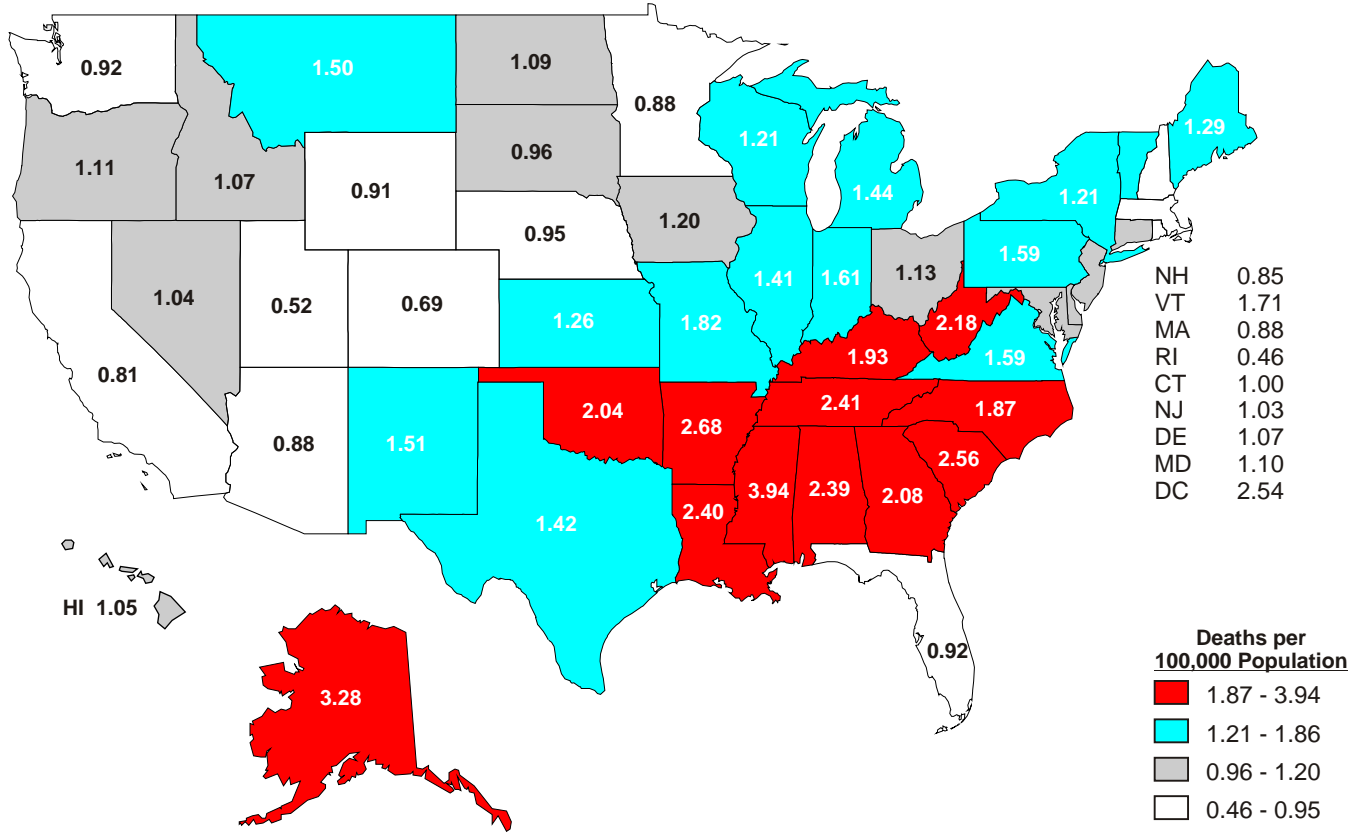
Unintentional Drowning Death Rates United States, 1996-1998



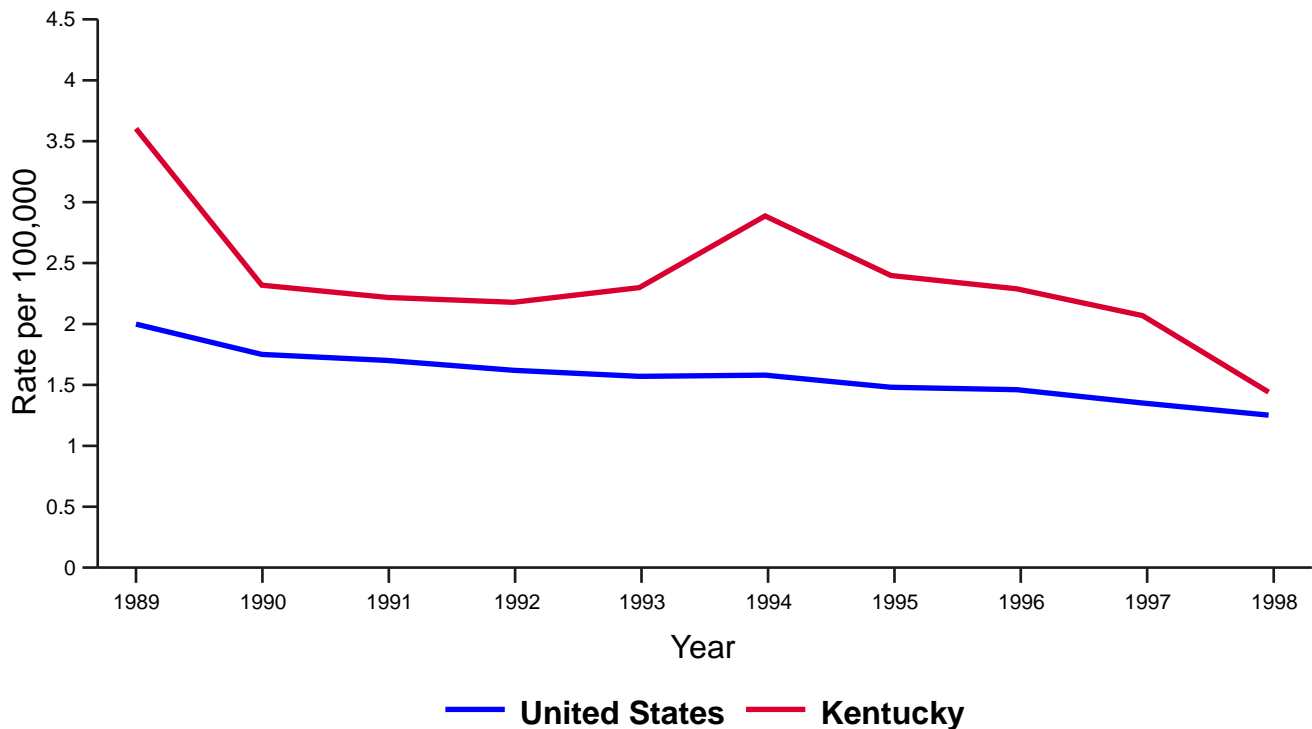
United States and Kentucky 1989-1998



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



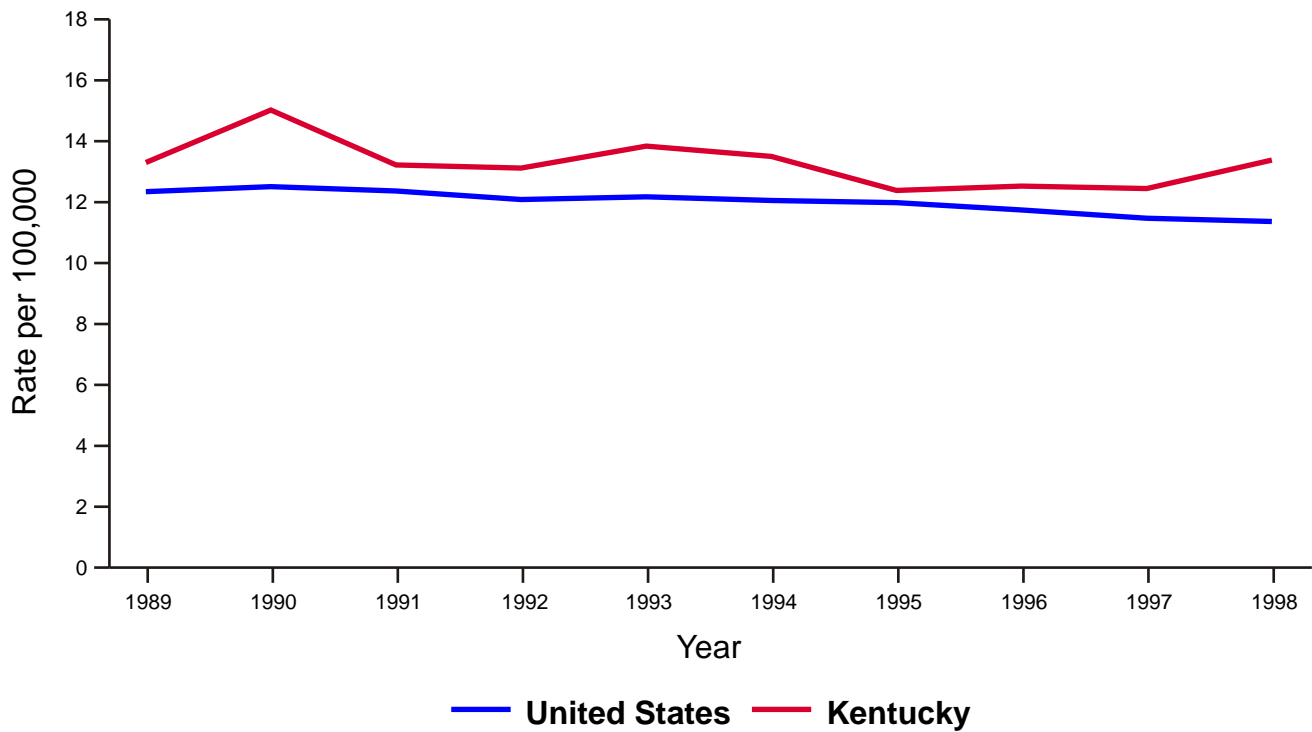
United States and Kentucky 1989-1998



Suicide Death Rates United States, 1996-1998



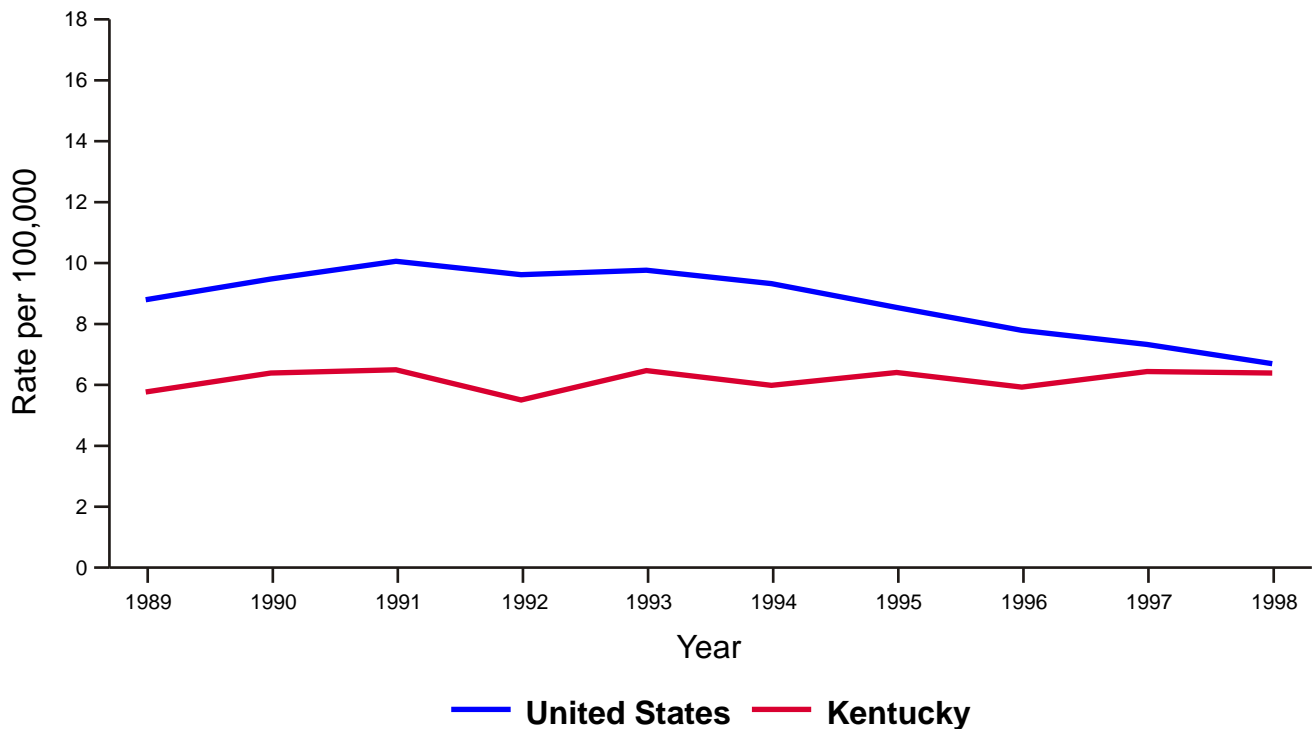
United States and Kentucky 1989-1998



Homicide Death Rates United States, 1996-1998



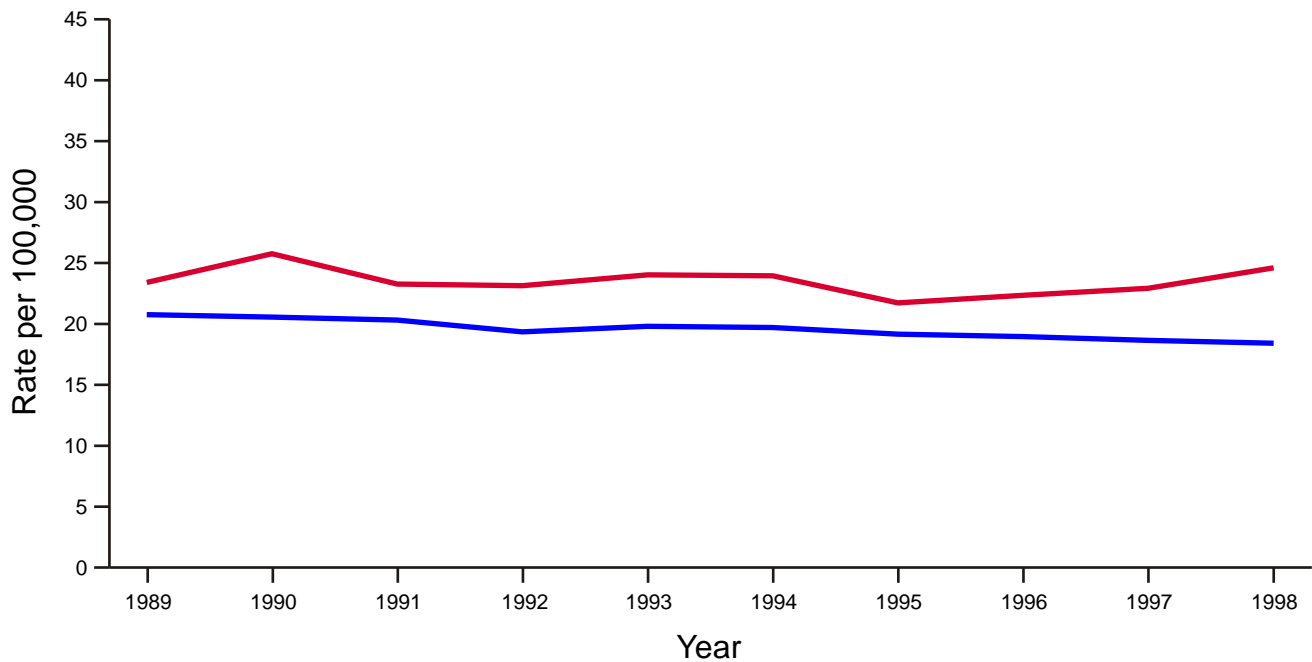
United States and Kentucky 1989-1998



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



United States and Kentucky 1989-1998



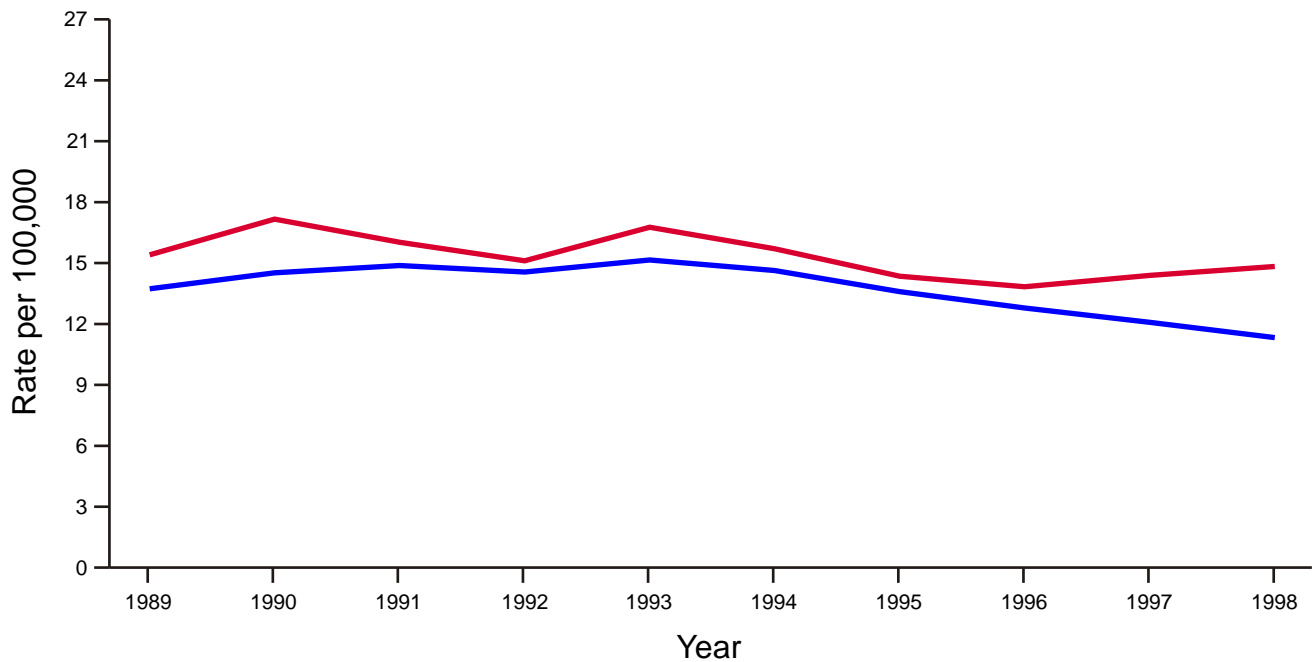
— United States — Kentucky

* 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



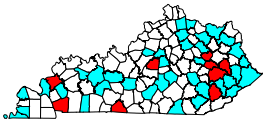
United States and Kentucky 1989-1998



— United States — Kentucky

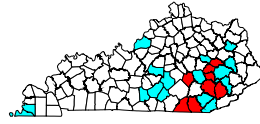
* Includes deaths from firearm suicide, firearm homicide, unintentional firearm-related deaths, and firearm-related deaths of undetermined intent.

Kentucky 1989-1998



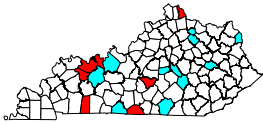
Motor Vehicle

813 Deaths/Year
U.S. 16.4
KY 20.9
Excess Deaths/Year **172**



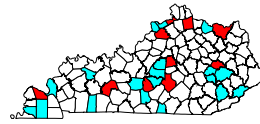
Homicides

240 Deaths/Year
U.S. 8.7
KY 6.2



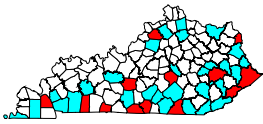
Falls

136 Deaths/Year
U.S. 4.3
KY 3.8



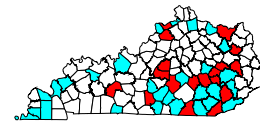
Suicides

504 Deaths/Year
U.S. 12.0
KY 13.2
Excess Deaths/Year **48**



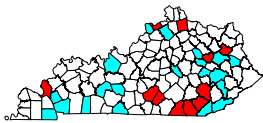
Fires/Burns

91 Deaths/Year
U.S. 1.6
KY 2.4
Excess Deaths/Year **31**



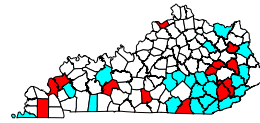
Firearms

589 Deaths/Year
U.S. 13.7
KY 15.3
Excess Deaths/Year **62**



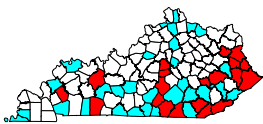
Drownings

66 Deaths/Year
U.S. 1.7
KY 1.7
Excess Deaths/Year **2**



Traumatic Brain Injury


759 Deaths/Year
U.S. 18.5
KY 19.7
Excess Deaths/Year **48**




Poisonings

102 Deaths/Year
U.S. 3.2
KY 2.7

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 KENTUCKY

CDC's National Center for Injury Prevention and Control (NCIPC) funds four programs in Kentucky to build the state's ability to keep its citizens safe. All are managed by the State Health Department.

Unintentional Injury

Prevention of Fire-Related Injuries

This project will increase the number of homes with adequate smoke alarm coverage and educate residents about programs to prevent fire injury in their communities. Program staff will conduct a campaign to inform area residents about the availability of smoke alarms and to encourage them to check and maintain their existing smoke alarms. They will also teach members of the community, especially young children and the elderly, about fire safety, including what to do if a smoke alarm sounds. (*Kentucky Department for Public Health*)

Program to Increase Booster Seat Use Among Children Riding in Motor Vehicles

This multi-stage community program to increase booster seats use among children ages 5 to 9 combines education and enforcement activities, child safety roadside check points, parent education, and a booster seat distribution program for individuals who demonstrate financial need. Pulaski and Madison Counties were selected for this program because of their similar demographics, geography, and booster seat use characteristics. (*Kentucky Department for Public Health*)

Intentional Injury

Surveillance of Intimate Partner Violence

Kentucky will develop an ongoing surveillance system for all reported intimate partner violence (IPV) injuries in the state. Using a series of scientific self-report surveys the project will estimate the prevalence of IPV, identify risk factors, and help evaluate the surveillance system. The project will yield new data sets to inform policy and guide development of programs related to intimate partner violence. (*Kentucky Department for Public Health*)

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.

(Kentucky Department for Public Health)

Notes

Notes