

# State Injury Profile for Hawaii



## 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 Hawaii 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**

# Hawaii

## 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 76	Unintentional Injuries 19	Malignant Neoplasms 12	Unintentional Injuries 14	Unintentional Injuries 133	Unintentional Injuries 126	Malignant Neoplasms 187	Malignant Neoplasms 515	Malignant Neoplasms 903	Heart Disease 5,804	Heart Disease 7,283
2	Short Gestation 55	Malignant Neoplasms 6	Unintentional Injuries 12	Malignant Neoplasms 7	Suicide 47	Suicide 90	Heart Disease 180	Heart Disease 436	Heart Disease 780	Malignant Neoplasms 3,964	Malignant Neoplasms 5,676
3	SIDS 20	Heart Disease 5	Pneumonia & Influenza 3	Heart Disease 4	Homicide 26	Malignant Neoplasms 60	Unintentional Injuries 148	Unintentional Injuries 132	Cerebro-vascular 140	Cerebro-vascular 1,705	Cerebro-vascular 1,985
4	Maternal Complications 15	Congenital Anomalies 4	Appendicitis 1	Suicide 4	Heart Disease 19	Heart Disease 47	Suicide 84	Cerebro-vascular 81	Diabetes 112	Pneumonia & Influenza 974	Pneumonia & Influenza 1,076
5	Respiratory Distress Synd. 15	Homicide 3	Bronchitis Emphysema Asthma 1	Congenital Anomalies 3	Malignant Neoplasms 19	HIV 28	HIV 51	Suicide 66	Unintentional Injuries 70	Bronchitis Emphysema Asthma 646	Unintentional Injuries 1,022
6	Placenta Cord Membranes 11	Cerebro-vascular 2	Congenital Anomalies 1	Appendicitis 1	Bronchitis Emphysema Asthma 7	Homicide 28	Cerebro-vascular 39	Diabetes 61	Bronchitis Emphysema Asthma 61	Diabetes 424	Bronchitis Emphysema Asthma 761
7	Unintentional Injuries 11	Benign Neoplasms 1	Shigellosis 1	Bronchitis Emphysema Asthma 1	Pneumonia & Influenza 7	Cerebro-vascular 11	Liver Disease 34	Liver Disease 40	Pneumonia & Influenza 40	Unintentional Injuries 356	Diabetes 618
8	Perinatal Infections 9	Meningitis 1		Homicide 1	Septicemia 5	Bronchitis Emphysema Asthma 6	Homicide 27	HIV 33	Suicide 37	Septicemia 241	Suicide 381
9	Pneumonia & Influenza 7	Perinatal Period 1			Cerebro-vascular 4	Septicemia 6	Bronchitis Emphysema Asthma 16	Pneumonia & Influenza 29	Liver Disease 36	Nephritis 230	Septicemia 315
10	Intrauterine Hypoxia 6	Pneumonia & Influenza 1			Congenital Anomalies 4	3 Tied	Diabetes 15	Bronchitis Emphysema Asthma 23	Nephritis 34	Alzheimer's Disease 161	Nephritis 289

### Hawaii Total Number of Injury Deaths

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Unintentional Injury	1,022	67.2%
Intentional Injury	498	32.8%
<b>Total (1996-1998)</b>	<b>1,520</b>	<b>100.0%</b>

Average Number of Injury Deaths per Year  
In Hawaii = **507**

# 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>

### Hawaii Only Unintentional Injury

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
MV Traffic	389	38.1%
Fall	162	15.9%
Poisoning	115	11.3%
Drowning	113	11.1%
Suffocation	46	4.5%
Other Causes	<u>197</u>	<u>19.3%</u>
	<b>1,022</b>	<b>100.2%</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>

### Hawaii Only Suicide

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Suffocation	163	42.8%
Firearm	94	24.7%
Poisoning	66	17.3%
Other Causes	<u>58</u>	<u>15.2%</u>
	<b>381</b>	<b>100.0%</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>

### Hawaii Only Homicide and Legal Intervention

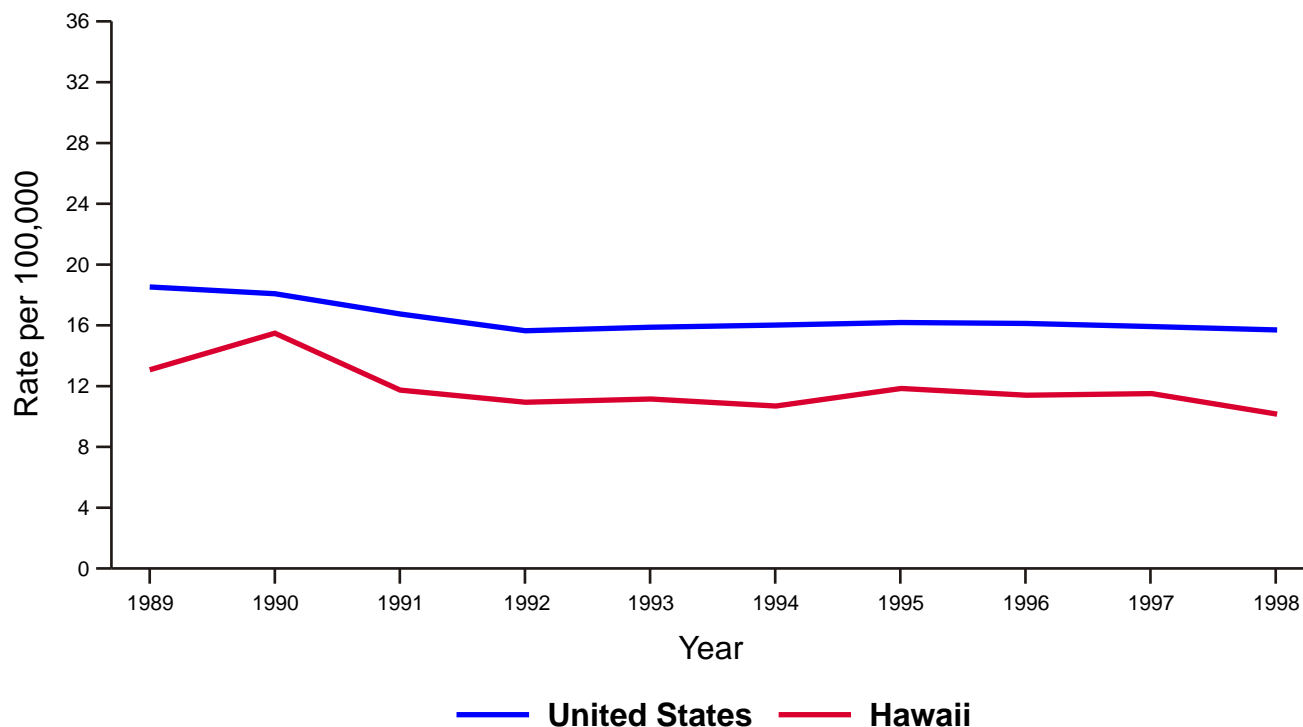
<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	49	41.9%
Cut/Pierce	21	17.9%
Suffocation	5	4.3%
Other Causes	<u>42</u>	<u>35.9%</u>
	<b>117</b>	<b>100.0%</b>



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



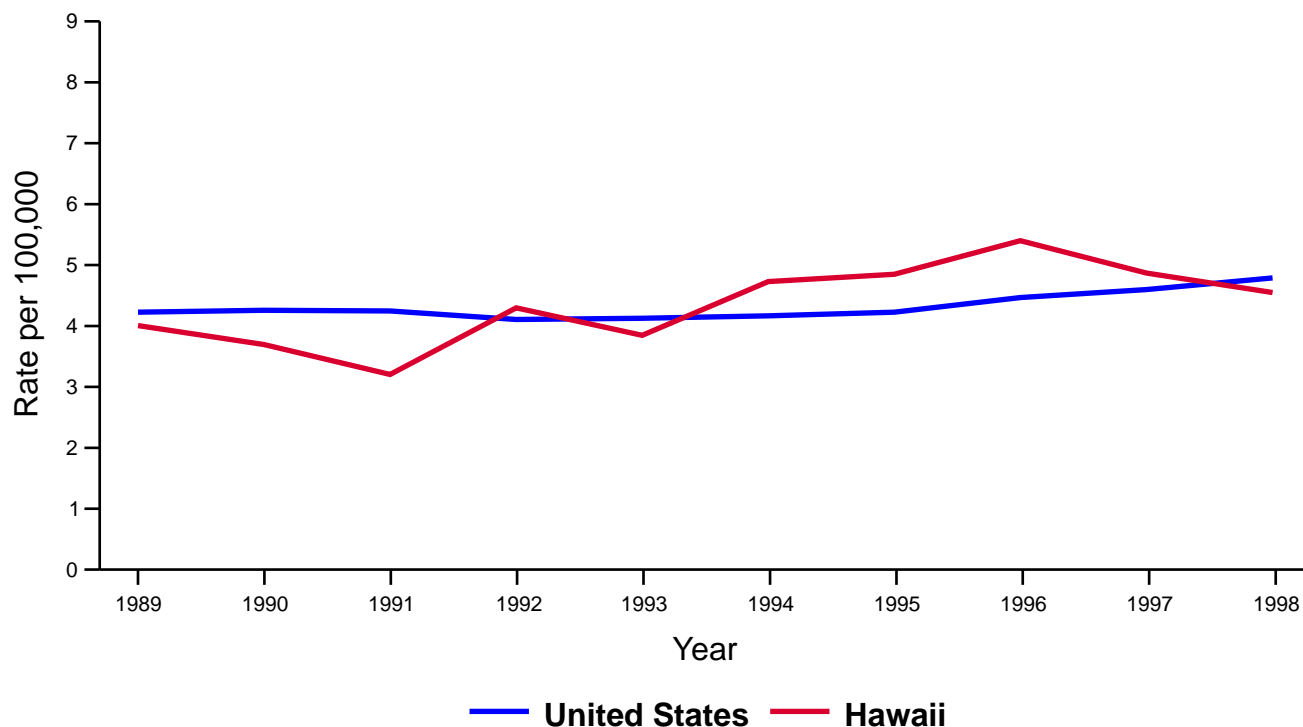
## United States and Hawaii 1989-1998



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



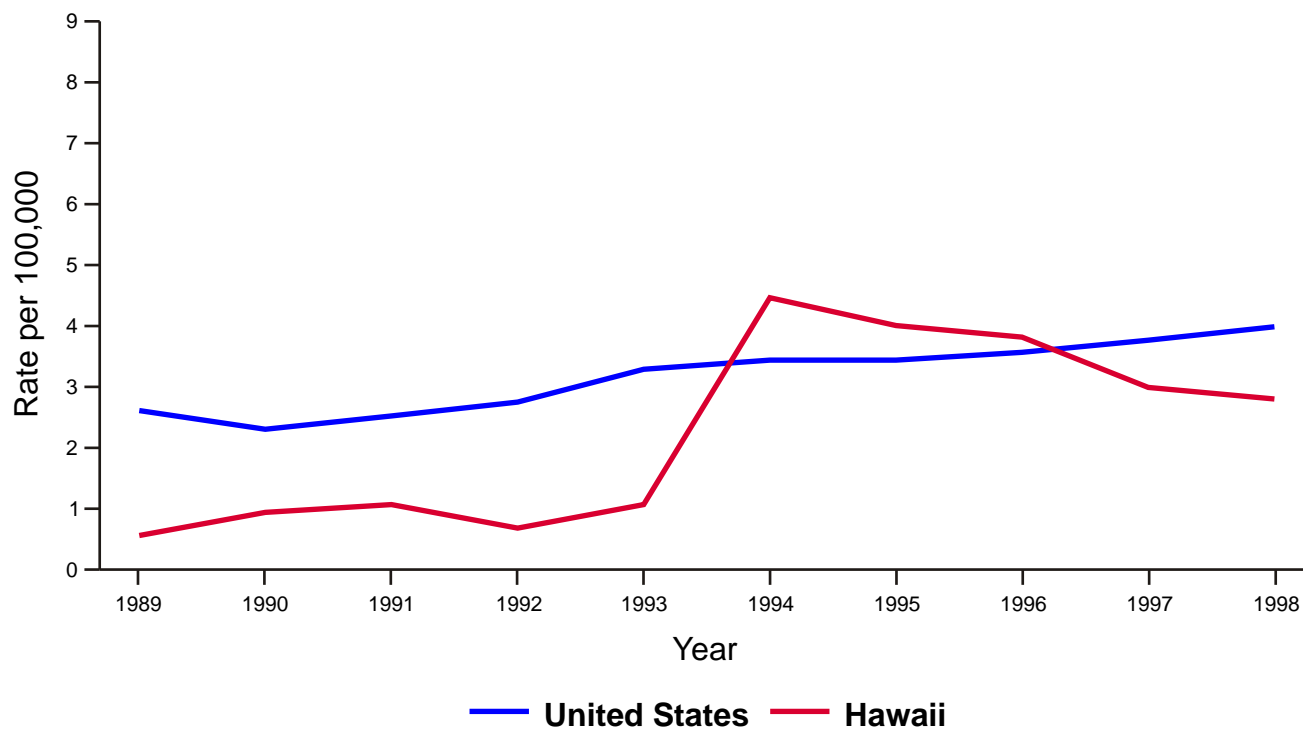
## United States and Hawaii 1989-1998



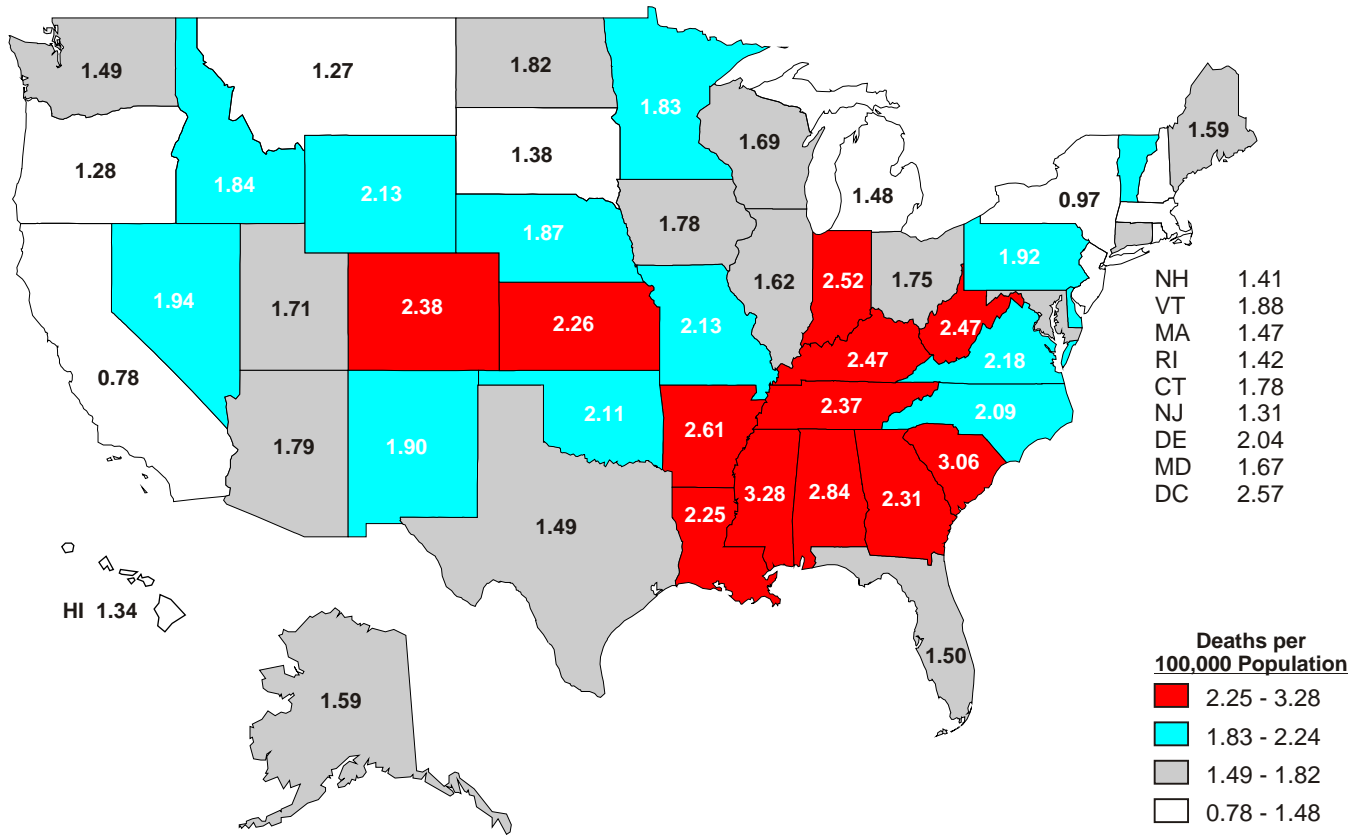
## Unintentional Poisoning Death Rates United States, 1996-1998



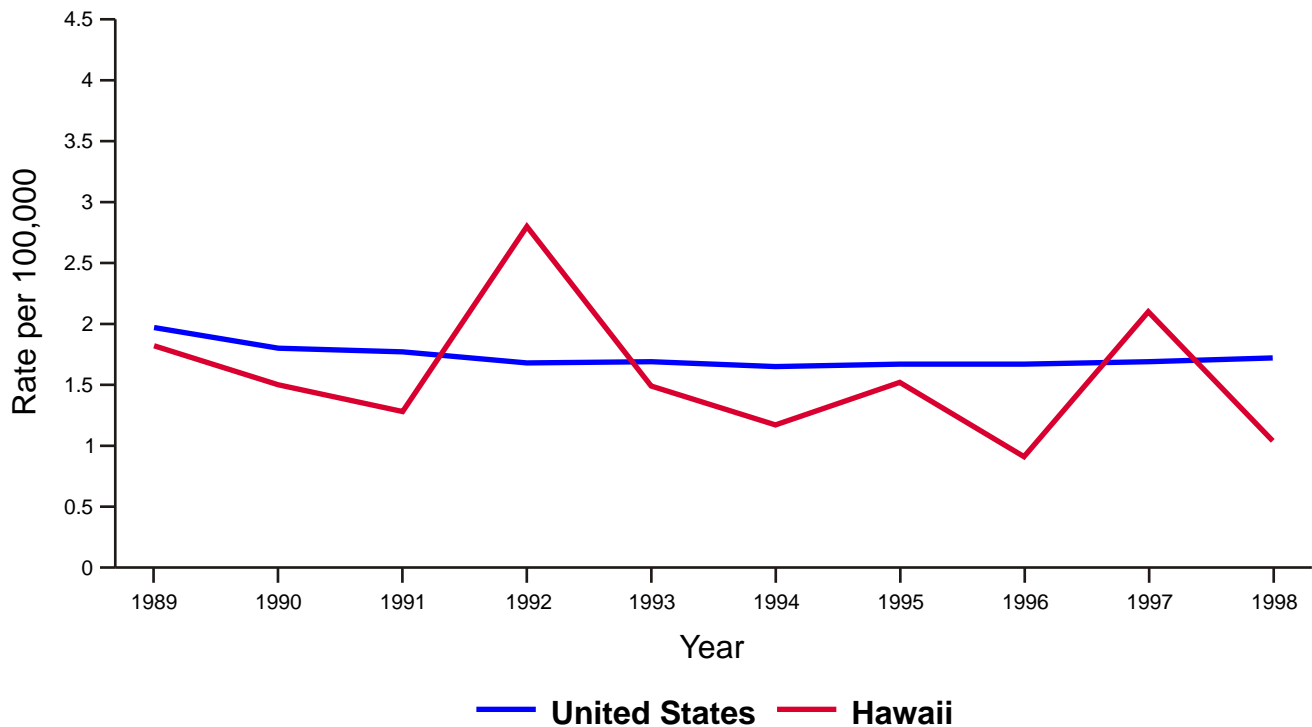
## United States and Hawaii 1989-1998



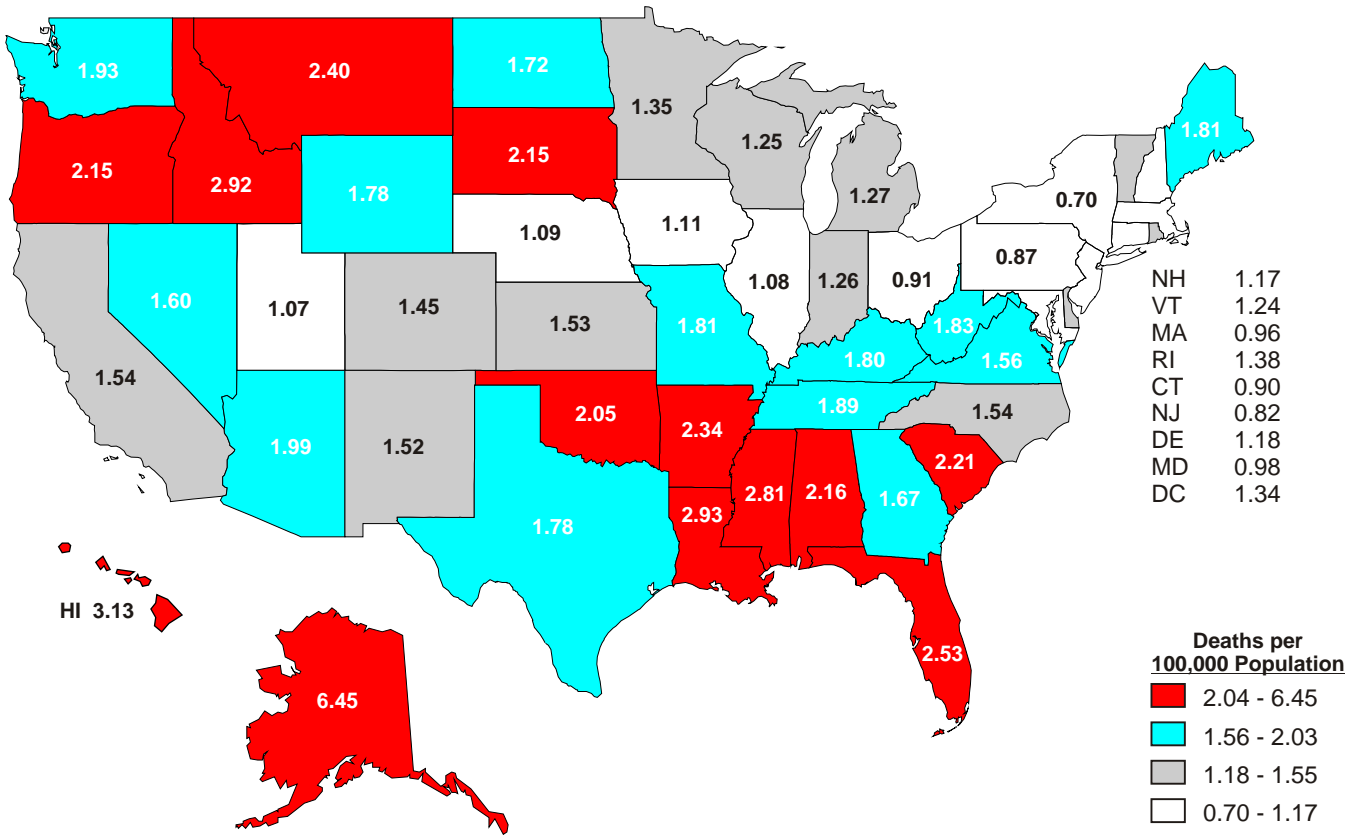
## Unintentional Suffocation Death Rates United States, 1996-1998



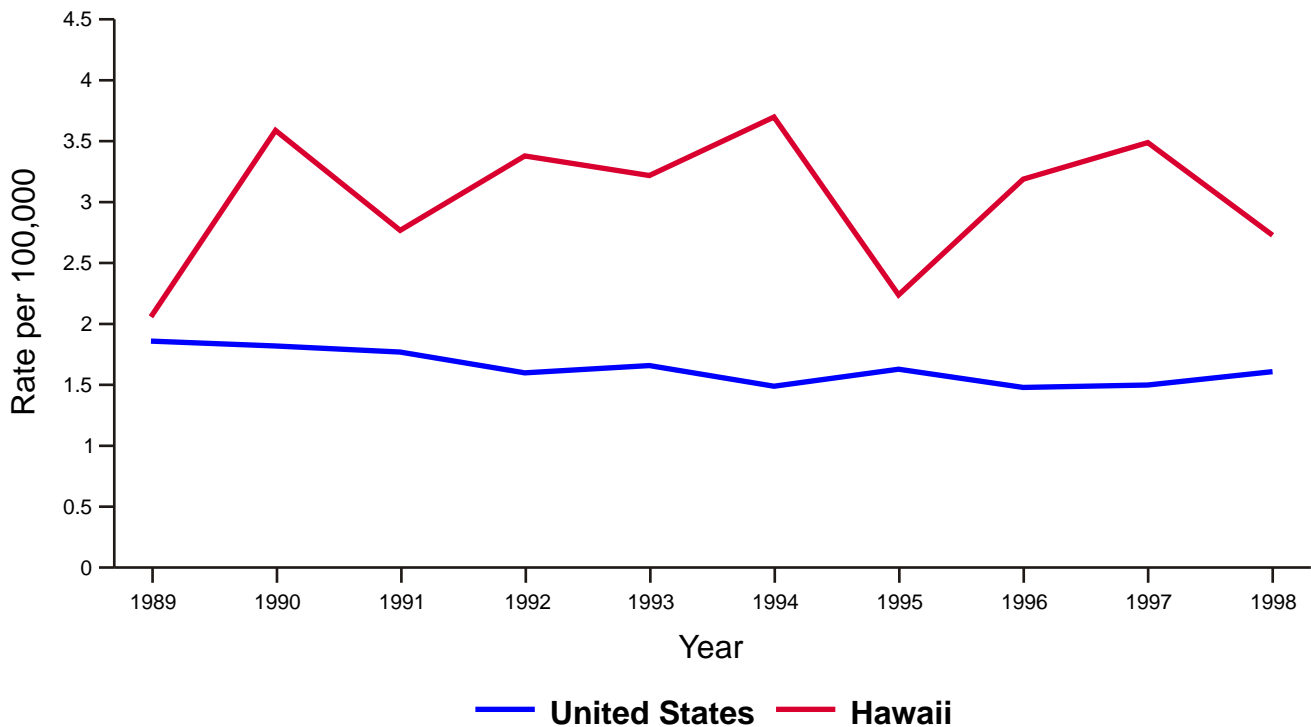
## United States and Hawaii 1989-1998



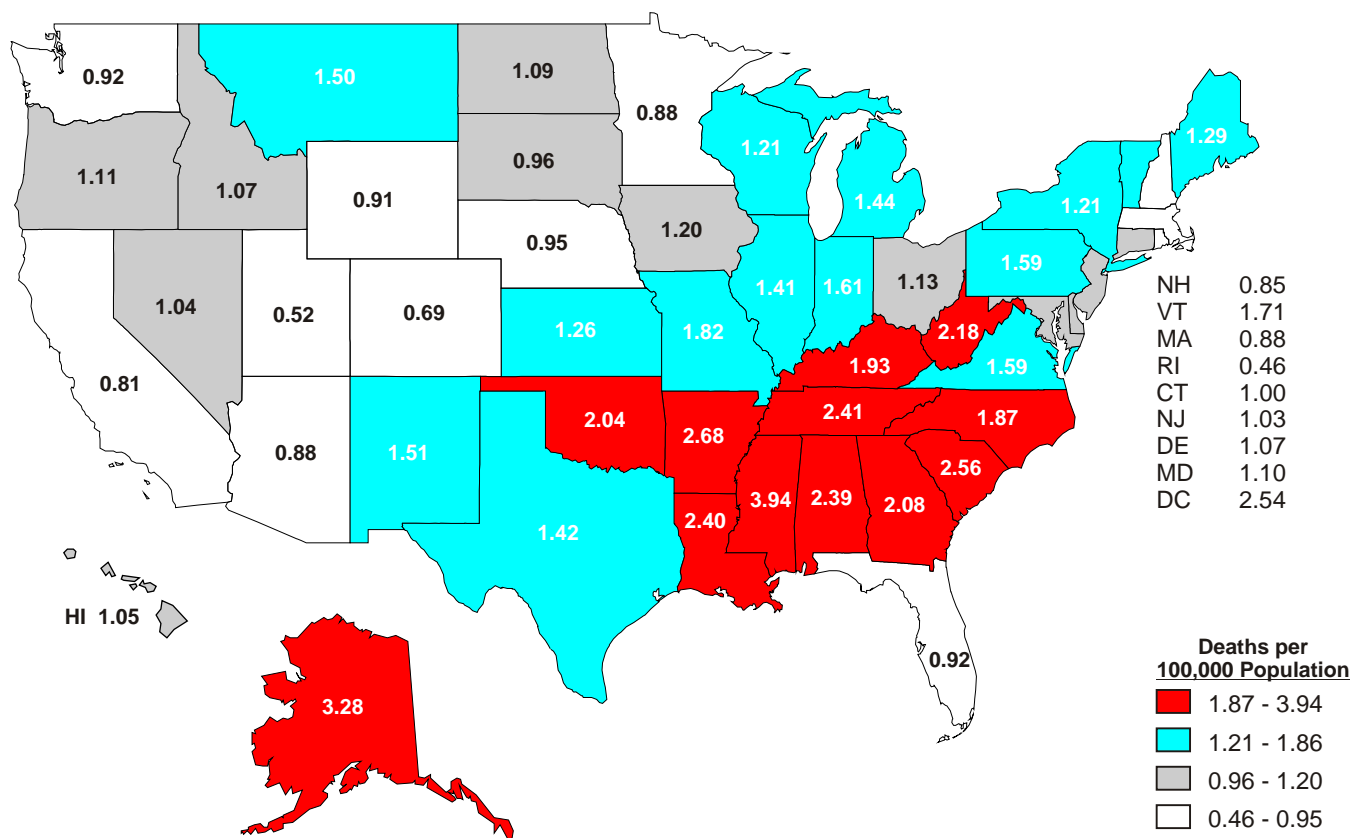
## Unintentional Drowning Death Rates United States, 1996-1998



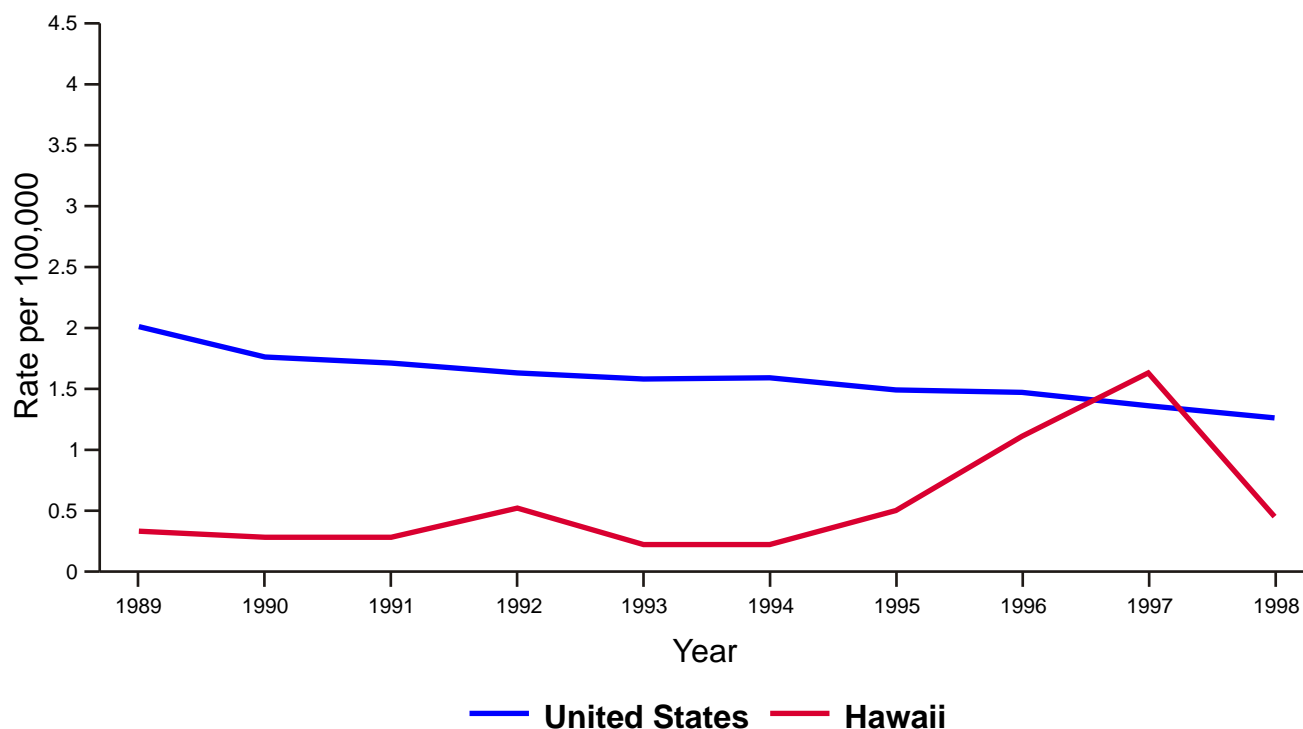
## United States and Hawaii 1989-1998



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



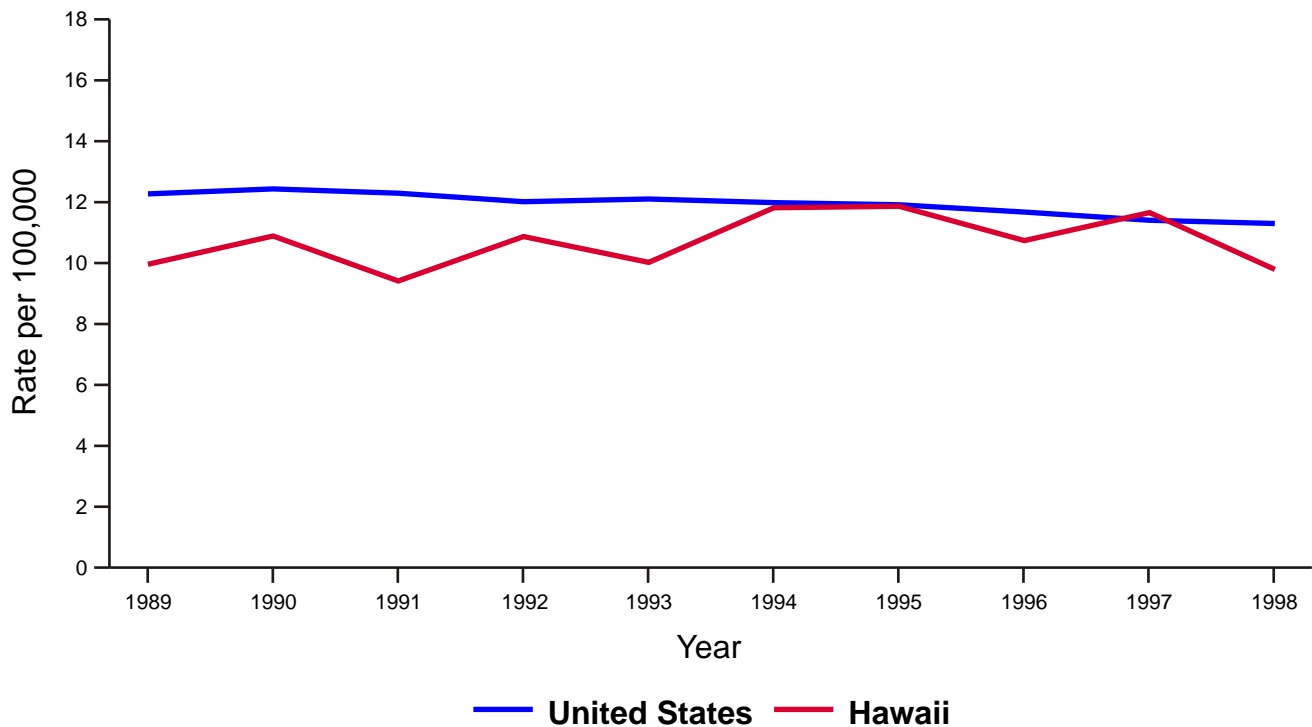
## United States and Hawaii 1989-1998



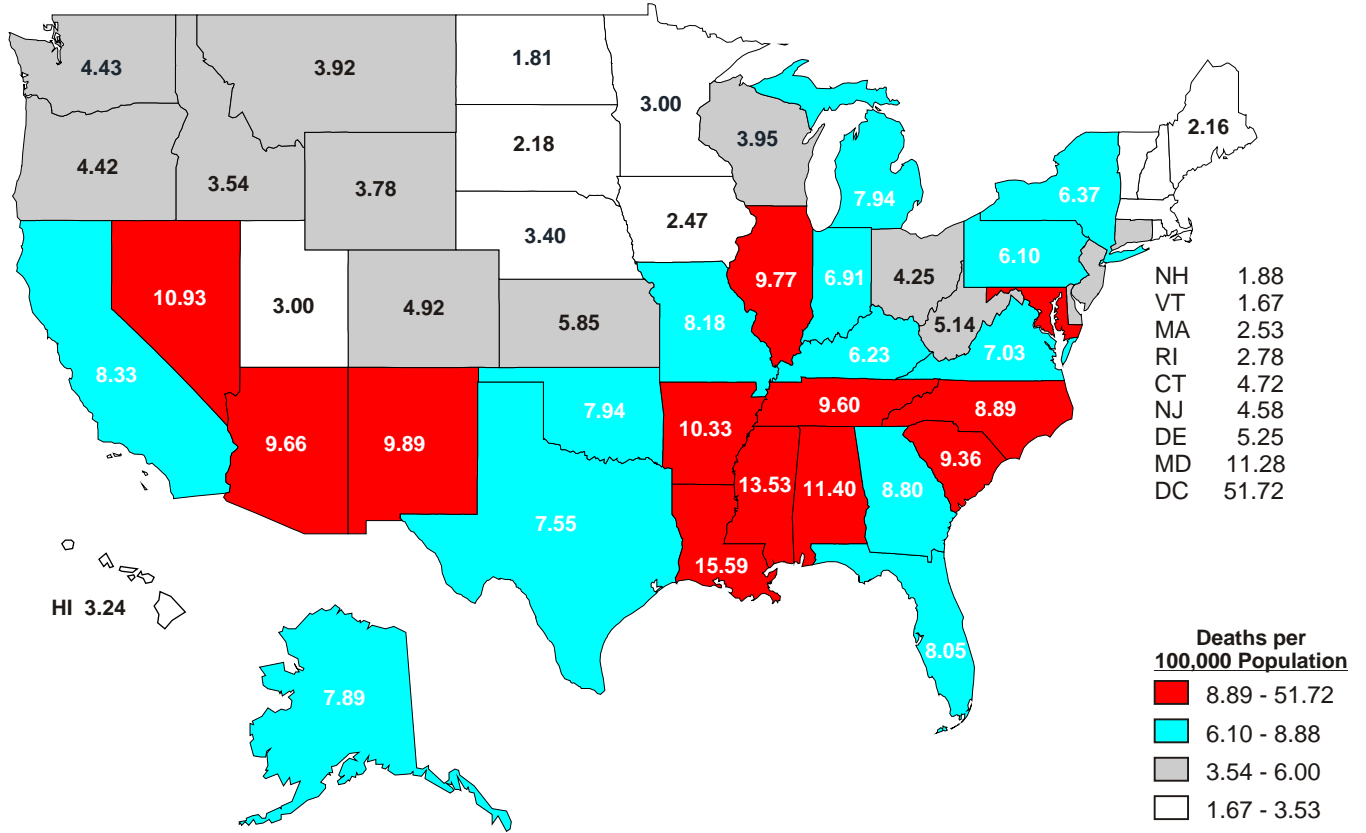
## Suicide Death Rates United States, 1996-1998



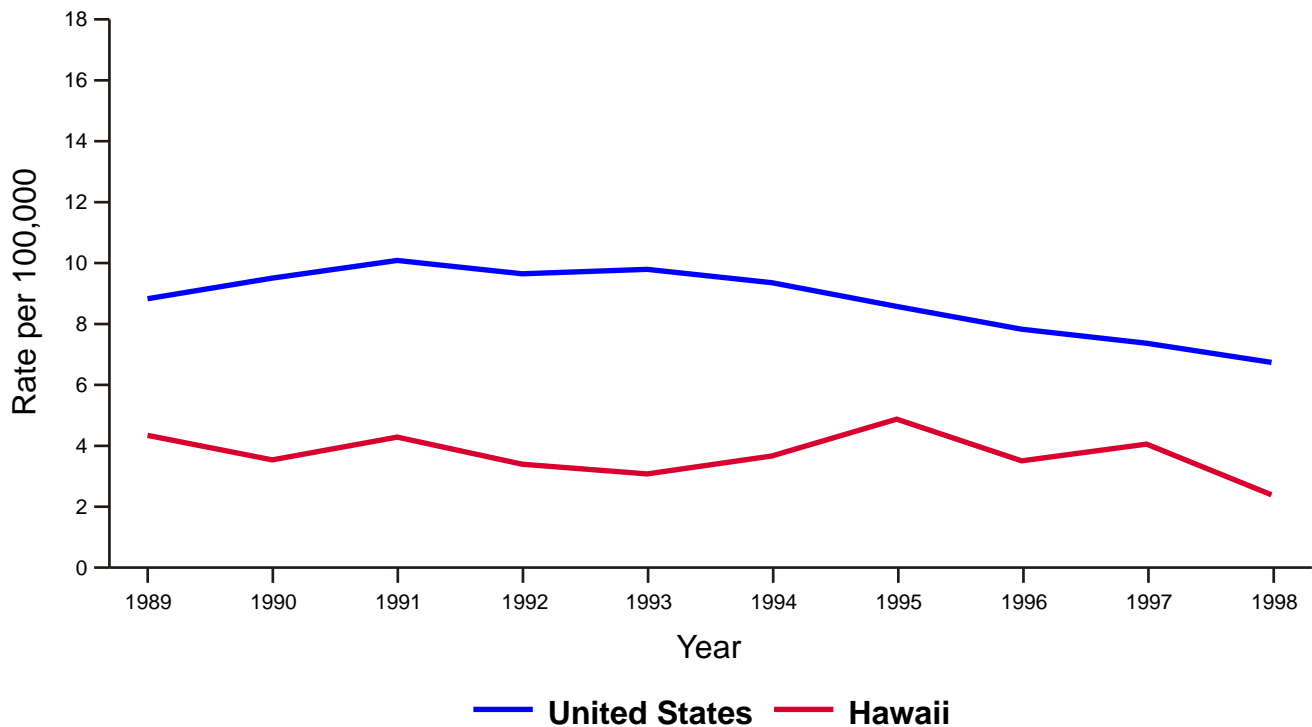
## United States and Hawaii 1989-1998



## Homicide Death Rates United States, 1996-1998



## United States and Hawaii 1989-1998

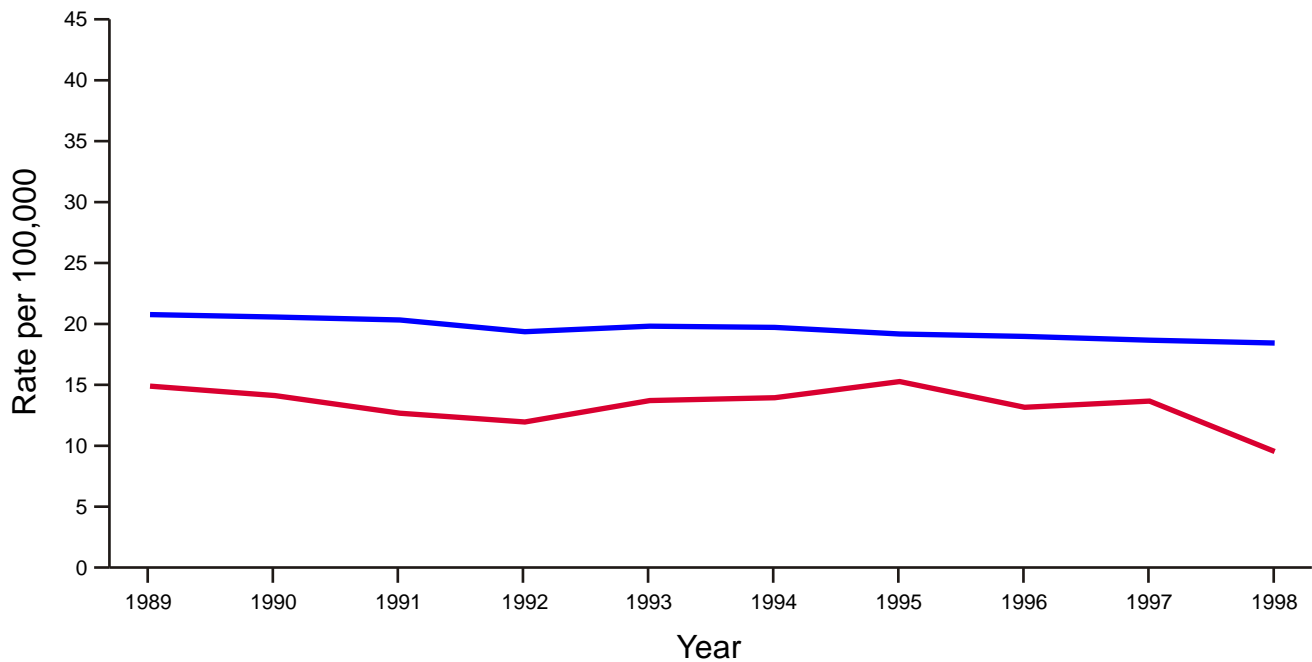




## Traumatic Brain Injury-Related Death Rates\* United States, 1996-1998



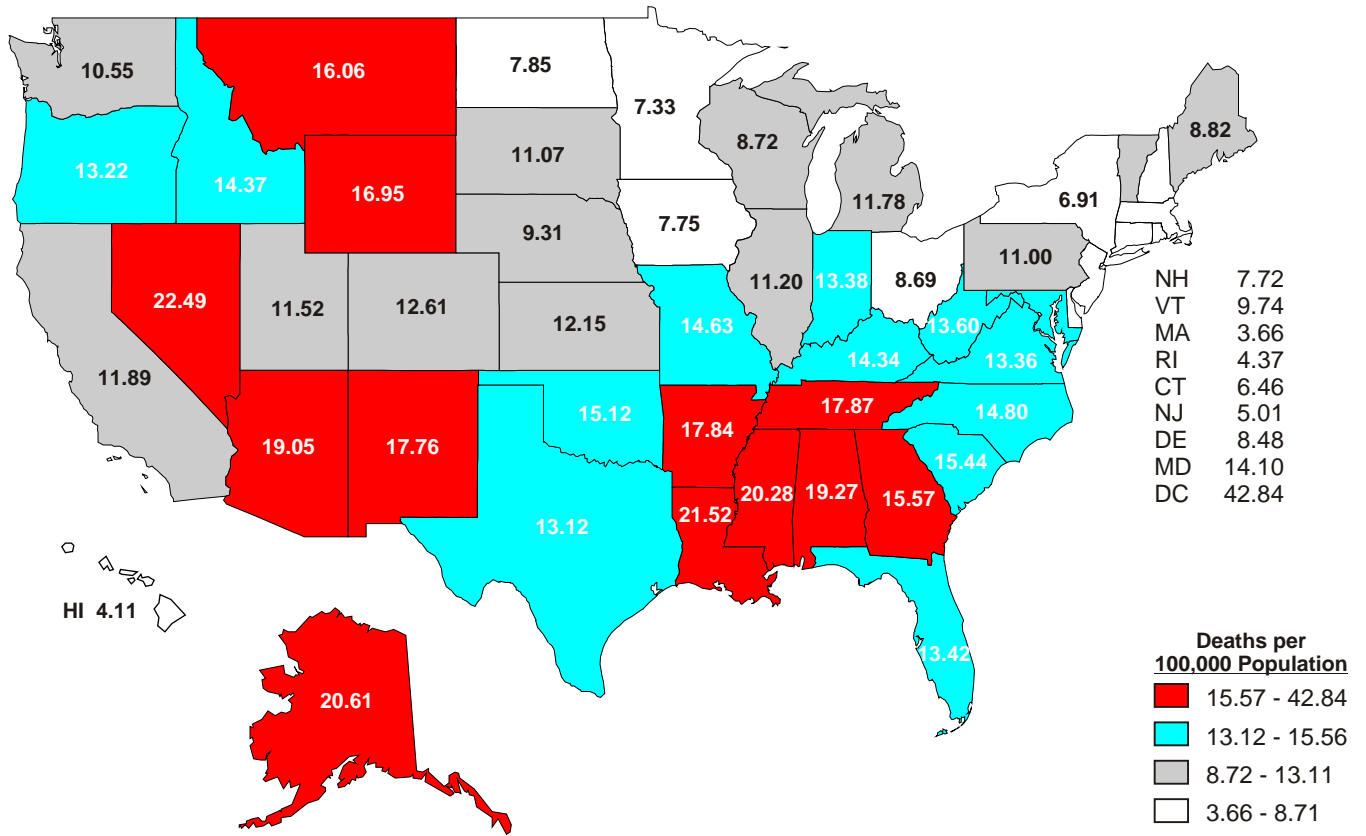
## United States and Hawaii 1989-1998



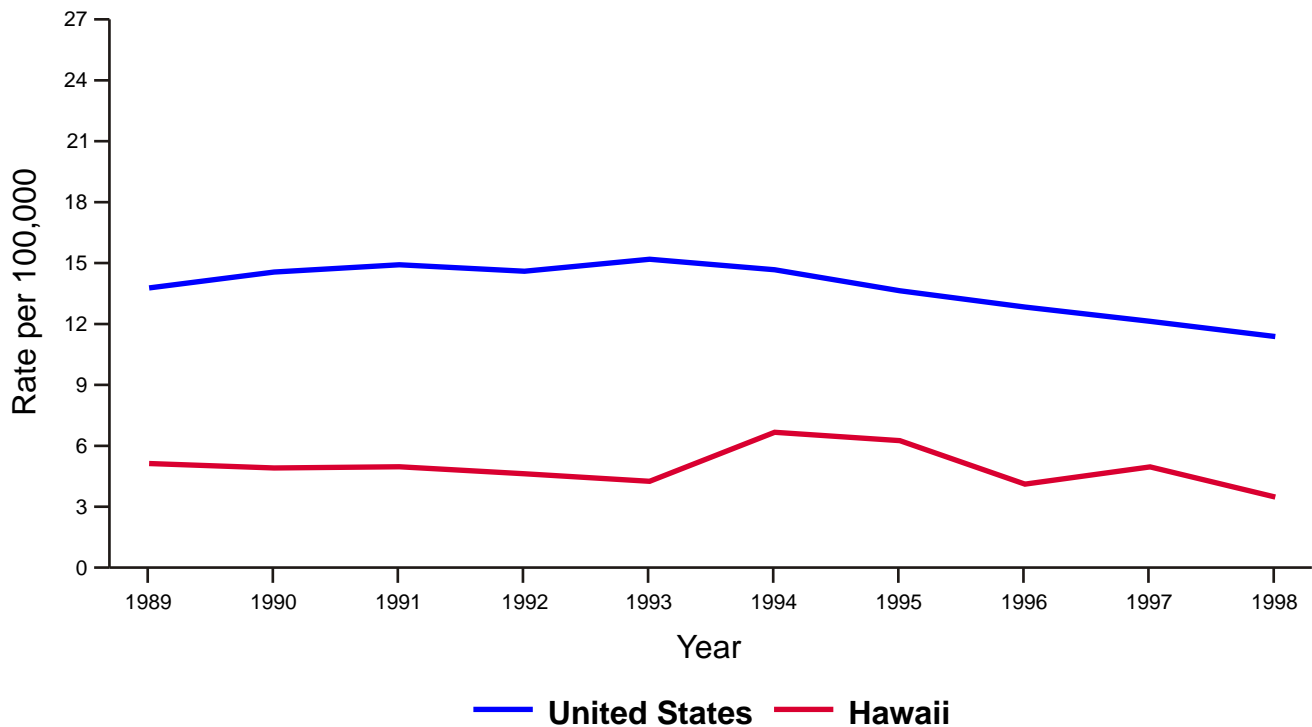
— United States — Hawaii

\* 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 Hawaii 1989-1998

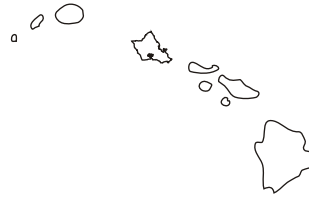


\* Includes deaths from firearm suicide, firearm homicide, unintentional firearm-related deaths, and firearm-related deaths of undetermined intent.

# Hawaii 1989-1998



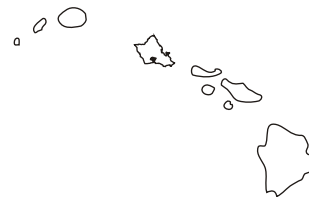
**Motor Vehicle**  
**135** Deaths/Year  
 U.S. 16.4  
 HI 11.7



**Homicides**  
**44** Deaths/Year  
 U.S. 8.7  
 HI 3.7



**Falls**  
**44** Deaths/Year  
 U.S. 4.3  
 HI 4.4  
 Excess Deaths/Year **1**



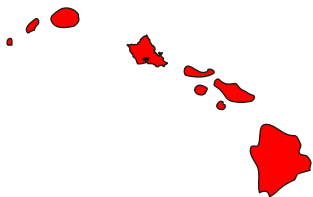
**Suicides**  
**125** Deaths/Year  
 U.S. 12.0  
 HI 10.8



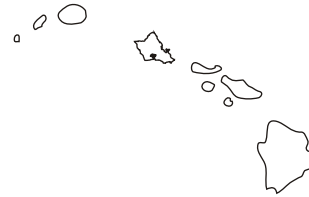
**Fires/Burns**  
**6** Deaths/Year  
 U.S. 1.6  
 HI 0.6



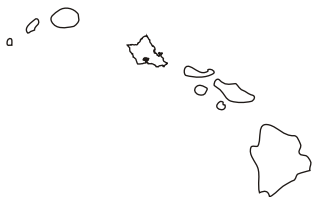
**Firearms**  
**58** Deaths/Year  
 U.S. 13.7  
 HI 4.9



**Drownings**  
**35** Deaths/Year  
 U.S. 1.7  
 HI 3.1  
 Excess Deaths/Year **16**



**Traumatic Brain Injury**  
**151** Deaths/Year  
 U.S. 18.5  
 HI 13.5



**Poisonings**  
**27** Deaths/Year  
 U.S. 3.2  
 HI 2.3

**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 HAWAII

CDC's National Center for Injury Prevention and Control (NCIPC) funds three programs in Hawaii to build the state's ability to keep its citizens safe. New this year in Hawaii is an Academic Center of Excellence on Youth Violence.

## National Academic Centers of Excellence

### *National Academic Centers of Excellence on Youth Violence*

In October 2000, the University of Hawaii at Manoa was selected as one of five 'comprehensive' centers for building the scientific infrastructure needed to support development and application of effective youth violence interventions. The center will also promote disciplinary research, foster collaboration between researchers and communities, and empower communities to address youth violence. (*University of Hawaii at Manoa*)

## Intentional Injury

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

This project uses Native Hawaiian values, beliefs, and practices to address intimate partner violence and sexual violence among Native Hawaiian perpetrators and victims in order to develop, implement, and evaluate a culturally competent intervention. Other goals are to decrease the incidence, severity, and types of violence perpetrated by Native Hawaiian men against their intimate partners and family members and to enhance self-care and agency among Native Hawaiian women who experience violence. (*Turning Point for Families, Inc., Hilo*)

### *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.

(*Hawaii Departments of Health*)

## Notes



## Notes

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