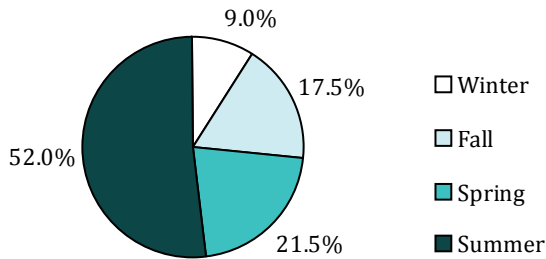


Idaho Resident Water-Related Deaths Accidental Drowning and Submersion

There were 177 accidental drowning deaths to Idaho residents from 1999 to 2007; 153 occurred in Idaho and 24 occurred out of state. The United States had a total of 27, 514 drowning deaths from 1999 to 2006.² The aggregate crude death rates for Idaho (1.4) and the U.S. (1.2) were significantly different.[‡]

- Rivers, creeks, and streams were the leading places of unintentional injuries that led to drowning deaths (57, 32.2 percent) to Idaho residents from 1999 to 2007. Two river deaths occurred while decedents were working.
- Canals and irrigation ditches were the second leading place of injury for drowning deaths (18, 10.2 percent).
- Idaho resident males were 3.6 times more likely than females to die from accidental drowning and submersion from 1999 to 2007 (139, and 38 deaths, respectively).
- Alcohol intoxication was reported on 66.7 percent of all hot tub-related drowning deaths.
- A total of 38 children under the age of 5 died by accidental drowning (4.1 per 100,000 population) via an injury in a bathtub (6 deaths), bathtub or hot tub, not specified (3), home or public pool (9), canal/irrigation ditch (7), pond (4), river (3), reservoir (1), and other place (1). Four additional deaths were out of state and place of injury was natural water, unspecified (2) and place not stated (2).

Idaho Resident Deaths Due to Accidental Drowning and Submersion by Season, 1999-2007



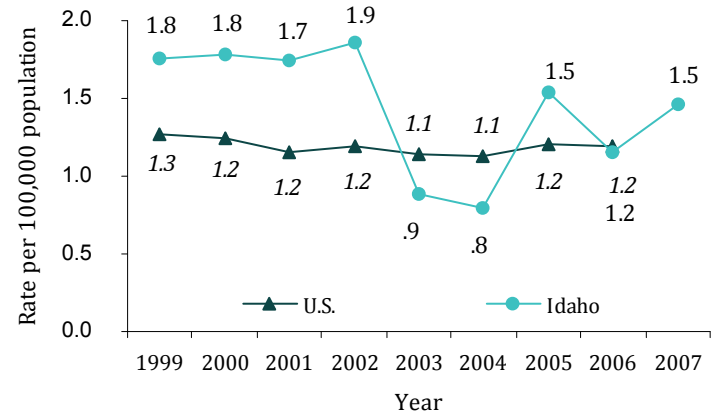
The majority of drowning deaths (52.0 percent) to Idaho residents occurred during the summer months (June, July, and August).

Idaho Resident Deaths Due to Accidental Drowning and Submersion by Cause Numbers, Rates[†], and Percentages 1999-2007

Cause of Drowning and Submersion Deaths:	Number	Rate**	Percent
Total	177	1.4	100
While in or following a fall into a bathtub or hot tub [#]	28	0.2	15.8
While in or following a fall into swimming pool	12	0.1	6.8
While in natural water	59	0.5	33.3
Following a fall into natural water	45	0.4	25.4
Other specified	21	0.2	11.9
Unspecified	12	0.1	6.8

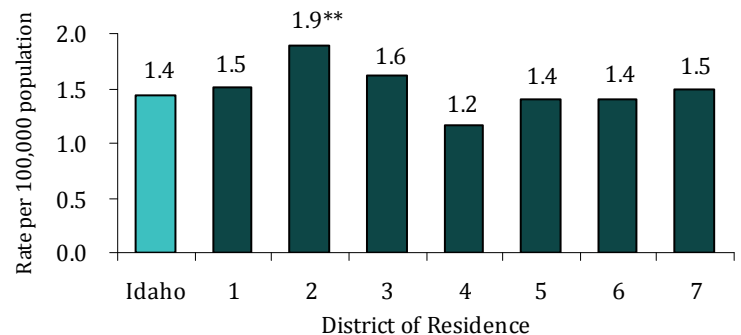
**Rates based on <20 deaths should be interpreted with caution.
[#] 18 deaths in bathtubs; 6 deaths in hot tubs and 4 not specified.
[†]Rate per 100,000 per population.

United States* and Idaho Resident Death Rates Due to Accidental Drowning and Submersion 1999-2007



*2006, U.S. latest year available

Idaho Resident Deaths Due to Accidental Drowning and Submersion by District of Residence 1999-2007



Overall, Idaho's unintentional drowning death rate was 1.4 per 100,000 population from 1999 to 2007. There was not a significant difference between the highest accidental drowning rate (District 2; 1.9) and the lowest rate (District 4; 1.2).

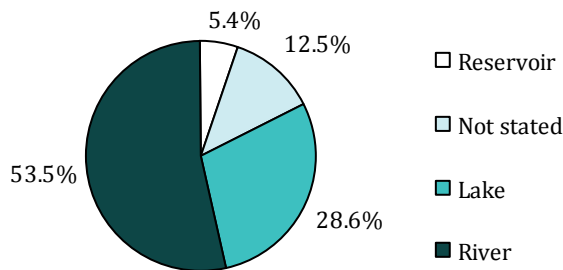
Idaho Resident Water-Related Deaths

Water Transport Accidents

Overall, the accidental water transport death rate for Idaho residents was 0.5 per 100,000 population from 1999 to 2007. Water transport accident deaths to Idaho residents included deaths by: drowning and submersion due to an accident to watercraft (58.9 percent); drowning and submersion without accident to watercraft (23.2 percent); other/unspecified (8.9 percent), causing other injury such as: burned while ship on fire, fall due to a collision, or hit by falling object due to an accident to watercraft (7.1 percent); and on board watercraft without accident to watercraft, not causing drowning and submersion such as sustaining a fall on a boat (1.8 percent). There were 4,701 accidental water transport deaths (0.2 per 100,000 population in the U.S. from 1999 to 2006 (latest year available)).²

- There were 56 water transport accident deaths (0.5 per 100,000 population) to Idaho residents from 1999 to 2007 (7 of which occurred out of state).
- 64.3 percent of all water transport deaths occurred during the summer months (June, July, and August).
- Males were 8.3 times more likely to die from a water transport accident than females from 1999 to 2007.
- 45-54 year old Idaho residents had the highest rate (0.8 per 100,000 population) of deaths due to water transport accidents. The second highest rate was for 65-74 year olds (0.7 per 100,000 population).

Idaho Resident Deaths Due to Water Transport Accident Deaths by Place of Injury, 1999-2007

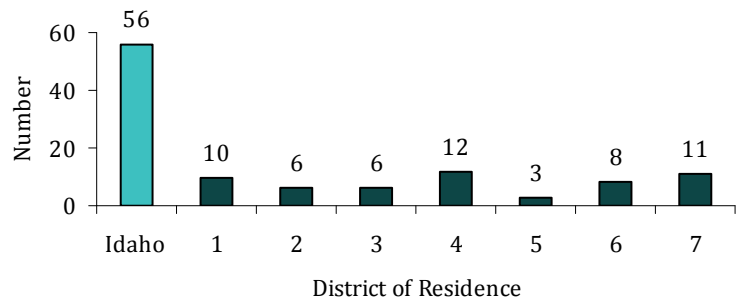


United States and Idaho Resident Death Rates[†] Due to Water Transport Accidents by Type of Accident Numbers and Rates[†], 1999-2007

Injury from Water Transport Accidents:	U.S. 1999-2006		Idaho 1999-2007	
	Number	Rate	Number	Rate**
Total	4,701	0.2	56	0.5
Watercraft Accident				
Drowning	1,769	0.1	33	0.3
Non-drowning	160	<0.1	1	<0.1
Other/Unspecified	1,602	0.1	13	0.1
Watercraft Non-Accident				
Drowning	636	<0.1	4	<0.1
Non-drowning	534	<0.1	5	<0.1

Water transport accident deaths occurred mainly in rivers (53.5 percent), lakes (28.6 percent), and reservoirs (5.4 percent). Another 12.5 percent occurred out of state and the exact place of injury was not stated.¹ Idaho resident deaths due to water transport accidents during recreational activity involved: boats (46.4 percent), rafts (12.5 percent; one rafting deaths occurred while decedent was working), canoes and kayaks (both 8.9 percent), personal watercraft (5.4 percent), or while riding on or fishing in inner-tubes (3.6 percent). There was one unspecified watercraft (1.8 percent) and seven out-of-state deaths in which the type of watercraft was not stated (12.5 percent).¹

Idaho Resident Deaths Due to Water Transport Accidents by District of Residence, 1999-2007



Notes:

1. Idaho Vital records receives death records for Idaho residents occurring in ID and out of state. All records list the ICD-10 code for underlying cause of death. In addition, literal information on immediate cause, conditions leading to the immediate cause, other significant contributing conditions, and description of how the injury occurred are provided for deaths occurring in ID. Only the ICD-10 code for underlying cause of death for deaths occurring out of state was used to indicate place of injury for this fact sheet.
2. "Deaths: Final data for 2006." [National Vital Statistics Reports](#), National Center for Health Statistics, Vol. 57, No. 14, April 2009.

ICD-10: International Classification of Diseases, Tenth Revision. World Health Organization, 1999.
 ICD-10 Codes for Accidental Drowning and Submersion deaths: W65-W74 and Water Transport Accident Deaths: V90-V94.
[†]Rate per 100,000 population.
[‡]Statistical significance is tested at the 95% Confidence Interval.
^{**}Rates based on <20 deaths should be interpreted with caution.