

Child Deaths

DEFINITION

Child deaths is the number of deaths from all causes among children ages one to 14, per 100,000 children. The data are reported by place of residence, not place of death.

SIGNIFICANCE

The child death rate is a reflection of the physical health of children, maternal health, access to health care, the dangers to which children are exposed in the community, access to and use of safety devices and practices (such as bicycle helmets and smoke alarms), and the level of adult supervision children receive.^{1,2}

The U.S. child death rate has declined over the past three decades but disparities still exist by age group, gender, as well as race and ethnicity. Children ages one to four are more likely to die than children ages five to 14 and the child death rate is higher for male children than female children. The child death rate is also higher for Black children than for children of other racial and ethnic groups.^{3,4}

In Rhode Island between 2010 and 2014, there were 92 deaths of children ages one to 14 (a rate of 10.4 per 100,000 children in that age range). Thirty-five (38%) of these children lived in the four core cities and 57 (62%) lived in the remainder of the state. Of the 92 deaths, 59 (64%) were due to disease, 14 (15%) were due to

unintentional injuries, 12 (13%) were due to intentional injuries (nine suicides and three homicides), and seven (8%) were due to other causes.^{5,6}

Children are particularly vulnerable to injury due to their size, development, inexperience, and natural curiosity.⁷ Unintentional injuries are the leading cause of death for children ages one to 14 in Rhode Island and in the U.S. and account for nearly one-third of all deaths among children ages one to 14 nationally.^{8,9,10}

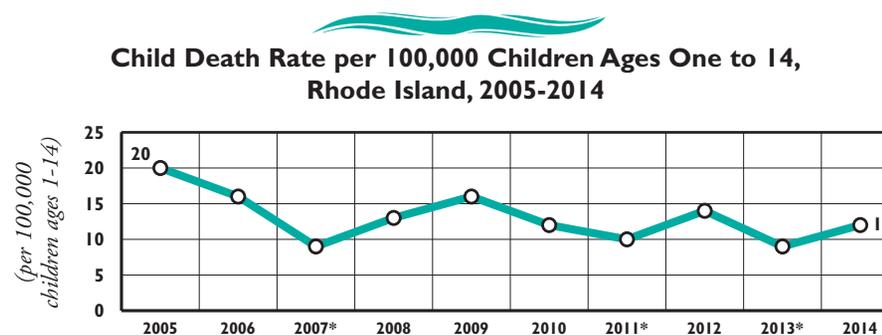
Nationally, the leading causes of child injury deaths are motor vehicle crashes and drowning.¹¹ Child injury deaths can be reduced by educating about injury prevention strategies and the importance of using safety products (such as seat belts), enforcing laws that promote safety (such as speed limits and the mandatory use of child safety seats), and through continued environmental and product design improvements (such as flame-resistant sleepwear and safety surfacing on playgrounds).¹²

Child Death Rate (per 100,000 Children Ages 1-14)		
	2004	2014
RI	11	12
US	21	16
National Rank*		4th
New England Rank**		3rd

*1st is best; 50th is worst

**1st is best; 6th is worst

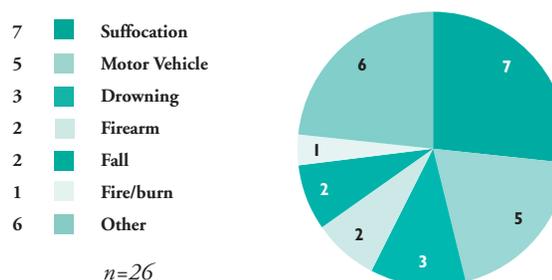
Source: Centers for Disease Control and Prevention, CDC WONDER, wonder.cdc.gov



Source: The Centers for Disease Control and Prevention, CDC WONDER, wonder.cdc.gov. *Caution should be used with small numbers in numerators and denominators (there were 20 deaths or fewer in 2007, 2011, and 2013).

◆ In 2014, Rhode Island's child death rate for children ages one to 14 was 12 per 100,000 children. This was an increase from the rate of 9 deaths per 100,000 children in 2013 and resulted in Rhode Island's rank falling from best to 4th in the U.S.¹³

Child Deaths Due to Injury, by Cause, Rhode Island, 2010-2014



Source: Rhode Island Department of Health, Center for Health Data and Analysis, 2010-2014.

◆ Between 2010 and 2014, 26 Rhode Island children ages one to 14 died as a result of injury. Suffocation, motor vehicle crashes, and drowning were the leading causes of child deaths due to injury in Rhode Island during this time period.¹⁴

References

¹ 2015 KIDS COUNT data book. (2015). Baltimore, MD: The Annie E. Casey Foundation.

⁴ The Annie E. Casey Foundation, KIDS COUNT Data Center, datacenter.kidscount.org.

^{2,3,10} Infant, child, and teen mortality. (2015). Washington, DC: Child Trends.

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