

Child and Teen Deaths

DEFINITION

Child and teen deaths is the number of deaths from all causes among children ages one to 19, per 100,000 children. The data are reported by place of residence, not place of death.

SIGNIFICANCE

The child and teen death rate is a reflection of access to health care, mental and physical health, community issues (such as environmental toxins and exposure to violence), access to and use of safety devices and practices (such as bicycle helmets, seat belts, and smoke alarms), a variety of risk behaviors including distracted driving and substance use, and the level of adult supervision children and teens receive.^{1,2}

The U.S. child and teen death rate has declined steadily since 1980, but disparities still exist by age, gender, and race and ethnicity. Children ages one to four and teens ages 15 to 19 are more likely to die than children ages five to 14, and the child and teen death rate is higher for boys than girls and higher for Black children and teens than for children and teens of all other racial and ethnic groups.^{3,4}

Children are particularly vulnerable to injury due to their size, development, inexperience, and natural curiosity.⁵ Unintentional injuries are the leading cause of death for children ages one to 14 in Rhode Island and in the U.S.^{6,7}

Nationally, the leading causes of child unintentional injury deaths are motor vehicle crashes and drowning.⁸ Child injury deaths can be reduced by educating families about injury prevention strategies and the importance of using safety products (such as fencing around pools and the use of helmets during sports), enforcing laws that promote safety (such as the mandatory use of seat belts and child passenger restraints), and through continued environmental and product design improvements (such as safety engineering on playgrounds).⁹

Factors that protect against teen deaths include parent and family involvement, access to mental health services and preventive health care, as well as violence and substance use prevention programs. Developmentally appropriate health education, access to integrated mental health services, and safe, supportive environments can support positive behavior changes and overall teen health.^{10,11,12}

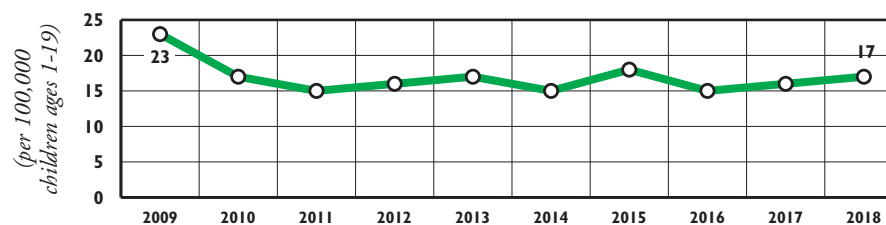
Child and Teen Death Rate (per 100,000 Children Ages 1-19)		
	2009	2018
RI	23	17
US	27	25
National Rank*	2nd	
New England Rank**	2nd	

*1st is best; 50th is worst

**1st is best; 6th is worst

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

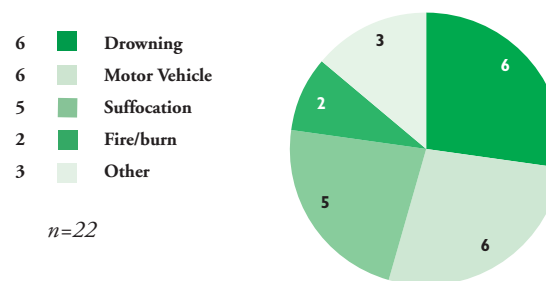
Child and Teen Death Rate per 100,000 Children Ages One to 19, Rhode Island, 2009-2018



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

◆ In 2018, Rhode Island's child and teen death rate for children ages one to 19 was 17 per 100,000 children and teens, which was a small increase from 2017. Rhode Island's child and teen death rate is the second lowest in the nation. Only Massachusetts has a lower child and teen death rate.¹³

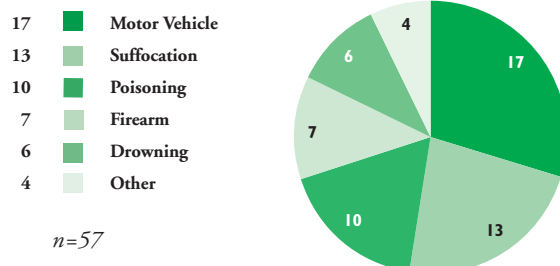
Child Deaths Due to Injury, by Cause, Rhode Island, 2015-2019



Source: Rhode Island Department of Health, Center for Health Data and Analysis, 2015-2019.

◆ Between 2015 and 2019, 22 Rhode Island children ages one to 14 died as a result of injury. Drowning, motor vehicle crashes, and suffocation were the leading causes of these child deaths in Rhode Island during this time period.¹⁴

Teen Deaths Due to Injury, by Cause, Rhode Island, 2015-2019



Source: Rhode Island Department of Health, Center for Health Data and Analysis, 2015-2019. This chart and the first bullet below report deaths of teens residing in Rhode Island. Data reported in the second, third, and fourth bullets below reflect teen motor vehicle deaths that occurred in Rhode Island, regardless of residence. Effective October 1, 2015, the International Classification of Disease (ICD) codes changed from the 9th classification to the 10th classification, which may impact comparability across the years.

- ◆ Between 2015 and 2019 in Rhode Island, 58% of the 57 teen deaths caused by injury were unintentional. Thirty percent of all teen injury deaths involved motor vehicles.¹⁵
- ◆ Among the 21 teens ages 15 to 19 killed in Rhode Island motor vehicle crashes between 2015 and 2019, nine were driving, seven were passengers in vehicles driven by others, four were pedestrians, and one was a bicyclist.¹⁶
- ◆ One (11%) of the teen drivers who died in motor vehicle crashes in Rhode Island between 2015 and 2019 had been drinking, and three teen fatalities occurred with adult drivers who had been drinking.¹⁷
- ◆ Six (50%) of the teen drivers and passengers killed in automobile accidents in Rhode Island between 2015 and 2019 were not wearing a seatbelt.¹⁸
- ◆ In 2019, 32% of Rhode Island high school students reported texting or e-mailing while driving on at least one day in the month prior to taking the *Rhode Island Youth Risk Behavior Survey*. Fourteen percent reported riding in a vehicle driven by someone who had been drinking alcohol, and 6% reported that they never or rarely wore a seatbelt while riding in a car driven by someone else in the month prior.¹⁹

Teen Suicide

- ◆ According to the *2019 Rhode Island Youth Risk Behavior Survey*, 15% of Rhode Island high school students reported attempting suicide one or more times in the 12 months before the survey was administered.²⁰
- ◆ Of the 18 youth ages 15 to 19 who died from suicide between 2015 and 2019 in Rhode Island, 17 were male and one was female.²¹
- ◆ In 2019 in Rhode Island, 294 teens ages 13 to 19 were admitted to the emergency department after a suicide attempt, nearly double the number in 2015 (156). Seventy-two percent of teens admitted were girls, and 28% were boys.²²
- ◆ In 2019 in Rhode Island, 174 teens ages 13 to 19 were hospitalized after a suicide attempt, nearly double the number in 2014 (95). Seventy-eight percent of teens hospitalized were girls, and 22% were boys.²³
- ◆ Nationally, even before the COVID-19 pandemic, mental health issues and suicide among adolescents had increased, with sharper increases among girls and young women than males.²⁴ Mental health problems, depression, attempting suicide, alcohol use, experiencing partner violence, and having a family member or friend attempt suicide are associated with an increased risk of suicide or attempted suicide among youth.²⁵

References

- ¹ *2019 KIDS COUNT data book*. (2019). Baltimore, MD: The Annie E. Casey Foundation.
- ² Cunningham, R. M., Walton, M. A. & Carter, P. M. (2018). The Major Causes of Death in Children and Adolescents in the United States. *New England Journal of Medicine*, 379(25)
- ³ *Infant, child, and teen mortality*. (2019). Washington, DC: Child Trends.
- ^{4,13} The Annie E. Casey Foundation, KIDS COUNT Data Center, datacenter.kidscount.org
- ⁵ Sleet, D. A. (2018). The Global Challenge of Child Injury Prevention. *International Journal of Environmental Research and Public Health*, 15(9).
- ^{6,14,15,21,22,23} Rhode Island Department of Health, Center for Health Data and Analysis, Maternal and Child Health Database, 2015-2019.
- ⁷ Centers for Disease Control and Prevention. (n.d.). *10 leading causes of death by age group, United States – 2018*. Retrieved February 20, 2021, from www.cdc.gov
- ⁸ Centers for Disease Control and Prevention. (n.d.). *10 leading causes of injury deaths by age group highlighting unintentional injury deaths, United States – 2018*. Retrieved February 20, 2021, from www.cdc.gov

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