



Motor Vehicle Safety

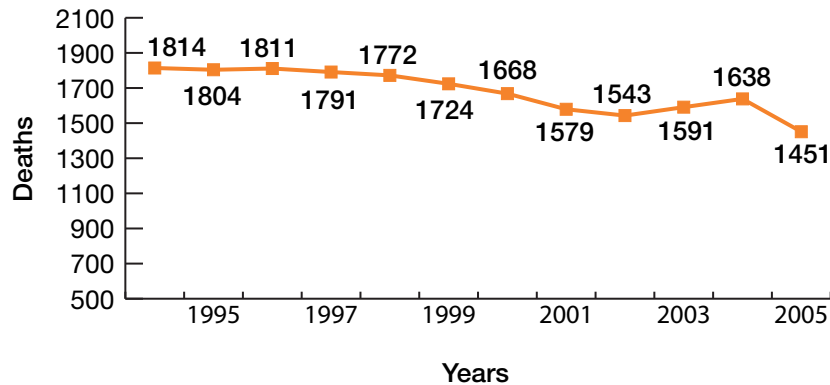


Key Facts

Motor vehicle crashes are the leading cause of death to children ages 2 to 14 and the leading cause of injury-related death for children under 2. When installed and used correctly, child safety seats and safety belts can prevent injuries and save lives. Young children restrained in child safety seats have an 80 percent lower risk of fatal injury than those who are unrestrained.

- Each year, an estimated 2,446 children ages 14 years and under die in a motor vehicle incident.

Motor Vehicle Occupant Fatalities, Ages 0-14



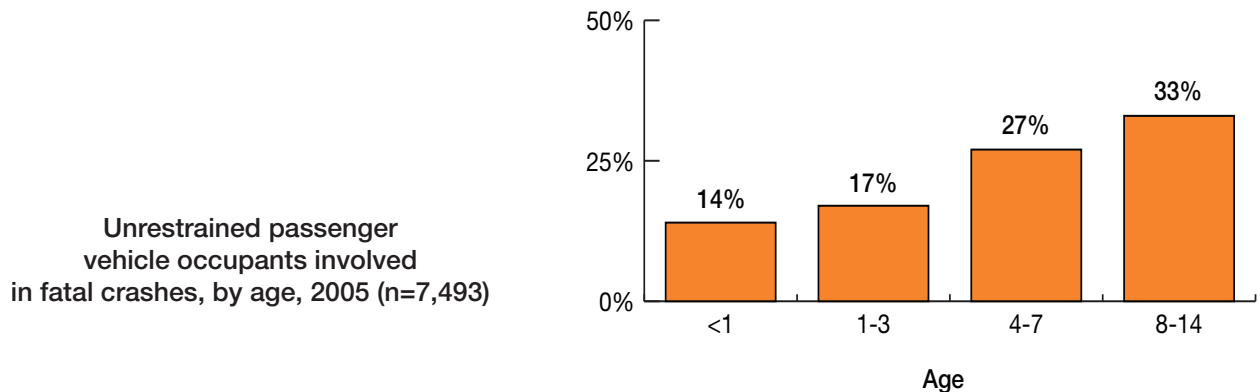
- In 2005, more than 1,400 child occupants (ages 0-14) died in motor vehicle crashes and nearly half were unrestrained. In the same year, 203,000 child occupants were injured.
- From 1999 to 2005, restraint use improved from 15 percent to 73 percent for children 0 to 8 years old.
- An estimated 1,700 children's lives were saved between 1996 and 2002 due to being seated in a back seat.
- Children are more likely to be properly restrained when the driver is properly restrained.

Who is at Risk

- There are approximately 42 percent more fatal crashes in rural settings than urban ones. Crashes in rural areas tend to be more severe.
- African American children ages 4 to 7 have the lowest restraint use among children, an estimated 26 percent are not restrained while riding in a motor vehicle. Asian children have the highest restraint use, followed by white children, and then Hispanic children.
- There were 159 reported fatal injuries associated with airbag deployment that occurred between 1993 and 2002 for children 0 to 12 years of age. All of these children were either unrestrained or improperly restrained.
- Children 2 to 5 years of age who are prematurely in seat belts are four times more likely to suffer a serious head injury in a crash than those restrained in child safety seats or booster seats.

Child Restraint System Effectiveness

- Child safety seats reduce fatal injury by 71 percent for infants (less than 1 year old) and by 54 percent for toddlers (1 to 4 years old) in passenger cars.
- Young children restrained in child safety seats have an 80 percent lower risk of fatal injury than those who are unrestrained.
- In the United States, a \$46 child safety seat generates on average \$1,900 in benefits to society. A \$31 booster seat generates \$2,200 in benefits to society.



- The overall critical misuse for child restraints is about 73 percent. Infant seats have the highest percent of critical misuse, followed by rear-facing convertible seats.

Child Occupant Protection and Safety Restraint Use Laws

- All 50 states and the District of Columbia have child restraint laws. In 42 states, including the District of Columbia, all children younger than 16 are covered by either safety belt laws or child restraint laws.
- As of April 2008, 43 states, including the District of Columbia, upgraded their child restraint laws to require the use of booster seats or other appropriate child restraint device by children up to as old as 9.
- Belt use laws in 27 states, including the the District of Columbia, are standard, or primary, meaning police may stop vehicles solely for belt law violations.