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Florida Chapter of AAP Calls for Stronger Protections for Children on Heels of New National Policy

According to the CDC's Web-based Injury Statistics Query and Reporting System, among reporting states, Florida saw one of the highest rates of pediatric pedestrian fatalities in 2021.

Tallahassee, Florida – Walking is good for the health of children, families, and the environment, and yet it can be challenging to safely travel on foot where roads, intersections, or vehicles are not designed with pedestrian safety in mind.

The American Academy of Pediatrics, in its first policy statement on child pedestrian safety since 2009, calls for communities to adopt and promote policies, programs, and legislation that result in a safer environment for pedestrians. The policy statement, "Child Pedestrian Safety," and an accompanying technical report, "Epidemiology and Prevention of Child Pedestrian Injury," will be published in the July 2023 Pediatrics (published online June 20).

<u>Policy statements</u> created by AAP are written by medical experts, reflect the latest evidence in the field, and go through several rounds of peer review before being approved by the AAP Board of Directors and published in Pediatrics.

"Walking is great exercise and when children walk with parents or guardians, it allows time for conversation and communication," said FCAAP President Dr. Thresia Gambon, MD, MBA, MPH, FAAP. "Communities should aim to have safe walking areas provided and good signage, especially at large intersections and for multilane street crossings."

According to the Centers for Disease Control's Web-based Injury Statistics Query and Reporting System (<u>WISQARS</u>), among reporting states, Florida saw one of the highest rates of pediatric (ages 0-18 years) pedestrian fatalities in 2021 – ranking fifth for pediatric pedestrian fatalities with a rate of 1.03 per 100k and third for raw number of pediatric pedestrian fatalities with 45 fatalities.

Despite an overall decline in pedestrian deaths over the past 30 years, child pedestrian deaths have risen 11% nationally since 2013, affecting more children ages 10-14 and teens ages 15-19. Black and American Indian youth ages 19 and younger are 1.8 times more likely to die in pedestrian incidents than white children. The risk of death to Hispanic children is 1.2 times the risk to non-Hispanic children. Studies indicate that these inequities are due to the pervasive impacts of poverty, economic disparities in access to public transportation, individual and systemic racism, and disparities in the investment of transportation safety measures, such as sidewalks, to separate pedestrians from vehicles.

The AAP also notes that the hours of 6:00–9:00 p.m. are the riskiest times of day for child pedestrians, as 64% percent of deaths occur in daylight hours or at dusk. The risk of child pedestrian death is greater in rural areas, and boys are at higher risk of injury, as are children with disabilities.

The AAP advocates for a "Vision Zero" approach focused on the reduction of traffic fatalities and severe injuries. Vision Zero, which is being implemented in more than 45 U.S. cities, is built on the premise that traffic injuries are a public health problem in which human error is assumed and accepted, according to the statement. The effort shifts the focus away from individual behavior and toward system-wide change that, in Sweden, resulted in a 50% reduction in pedestrian fatalities.

AAP recommends that pediatricians:

- Advocate for legislation that addresses environmental and urban design factors that impact
 pedestrian safety. Work with local, state, and federal officials on adopting policies and programs
 to educate pedestrians and drivers.
- Support legislation to reduce speed limits in urban areas, including area-wide 20 mph zones, and to permit photo speed limit enforcement in critical areas, including school zones.
- Develop laws that encourage or require adoption of safety technology in new vehicles, including self-driving cars. Examples are pedestrian detection systems and automatic braking in new vehicles.
- Support developing safe routes to school.
- Promote walking as an alternative to motorized transportation.
- Advocate for pedestrian infrastructure when communities consider how to repurpose urban space and roadway lanes.
- Support research to further understand and test interventions for pedestrian education. For
 instance, drivers and pedestrians can be distracted while using cell phones, and changing
 individual behaviors is one factor in reducing injuries and death.
- Develop robust surveillance systems to collect data to identify high-risk locations for child pedestrian injury.
- Provide individual guidance to families that includes:
 - Remind parents of the complexity of the traffic environment. Children at various stages
 of development may not have the cognitive, perceptual, or behavior capability to
 navigate challenging walking routes.
 - Advise parents of young children that driveways and adjacent, unfenced yards are unsafe play areas.
 - Recommend that adults accompany most children under 10 and provide ongoing, active instruction on pedestrian safety.
 - Counsel patients of all ages about the risk of distracted walking, including text messaging, talking on or looking at the mobile phone, and listening to music.

About the Florida Chapter of American Academy of Pediatrics:

Through its more than 2,600 members, the Florida Chapter of American Academy of Pediatrics promotes the health and welfare of Florida's children and supports pediatricians and pediatric specialists as the best qualified providers of their health care.

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