

# Center for Child Injury Prevention Studies (CChIPS)

## State-of-the-Art Science: Literature Review March/April 2026

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## CChIPS Funded Research Papers

[Front-Row Seatback Contact for Pediatric Occupants Seated in Rearward-Facing Infant Child Restraint Systems during Frontal Crashes](#)

Patton, D., Tang, K., Tylko, S., and Arbogast, K. *SAE Int. J. Trans. Safety* 14(1), 2026, <https://doi.org/10.4271/09-14-01-0019>.

[Neck and Spinal Responses in the Reclined Large Omnidirectional Child Anthropomorphic Test Device with and without a Booster Seat during Far-Side Lateral Oblique Impacts](#)

Graci, V., Humm, J., and Hauschild, H. *SAE Int. J. Trans. Safety* 14(1), 2026, <https://doi.org/10.4271/09-14-01-0011>.

[Assessing the Influence of Reclined Vehicle Seatback Configurations with and without a Belt-Positioning Booster on Child Posture via Pressure Mapping](#)

Baker, G., Connell, R., Graci, V., and Mansfield, J. *SAE Int. J. Trans. Safety* 14(1), 2026, <https://doi.org/10.4271/09-14-01-0004>.

[Characterization of Pedestrian Automatic Emergency Braking Acceleration in Modern Light Vehicles: Potential Implications for Occupant Safety](#)

Witmer, M., Kidd, D., and Graci, V. *SAE Int. J. Trans. Safety* 14(1), 2026, <https://doi.org/10.4271/09-14-01-0007>.

## Other Relevant CHOP/OSU Research Papers

[Numeracy and format influences comprehension of car seat recommendations.](#)

Shoots-Reinhard B, Mansfield JA, Nintcheff M, Bayarbadrakh U, Baker GH. *J Safety Res.* 2026 Feb;96:259-267. doi: 10.1016/j.jsr.2026.01.005. Epub 2026 Jan 15. PMID: 41786423

[Adolescent and parent dyad perceptions on the utility and implementation ability to use cellphone-based technology to reduce distracted driving in Philadelphia, Pennsylvania, USA.](#)

Rix K, Solomon R, Lacy M, Delgado MK, Ebert JP, Wiebe DJ, McDonald CC. *Inj Prev.* 2026 Mar 11:ip-2025-045994. doi: 10.1136/ip-2025-045994. Online ahead of print. PMID: 41813101

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[Modeling injury severity among motor vehicle occupants using a safe system-aligned, population-based framework: evidence from Ohio crash data \(2017-2023\).](#)

Harden AL, Cole ME, Bautsch B, Shoots-Reinhard B, Kinn C, Cardoni L, Thompson J, Bolte JH 4th. *Inj Epidemiol.* 2026 Apr 6. doi: 10.1186/s40621-026-00676-3. Online ahead of print. PMID: 41943104

[Graduated driver licensing with mandated driver training in Ohio is associated with fewer serious injury and fatal crashes among young novice drivers](#)

Dong X, Wu JS, Guerra E, Ryerson MS, Walshe EA. *Transport Policy.* 184(104172). 2026. <https://doi.org/10.1016/j.tranpol.2026.104172>

[Healthcare providers' perspectives on autistic adolescents transitioning to independent driving](#)

CC McDonald, C Labows, RK Myers, E Sartin, BE Yerys, ME Carey, CJ Mollen, AE Curry. *Journal of Autism and Developmental Disorders* 56 (4), 1362-1369. )

<https://doi.org/10.1007/s10803-024-06626-6>

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## CChIPS at Future Events

### Enhanced Safety of Vehicles International Conference

Toronto, Canada: May 12-15, 2026

(See conference information [here](#))

*Tentative list of CHOP and OSU affiliated presentations below:*

Front-Row Seatback Contact for Paediatric Occupants Seated in Rearward-Facing Infant Child Restraint Systems During Frontal Crashes

- Presenter: Declan Patton (CHOP)
- Co-Authors: Tang, Tylko, Arbogast

Characterization of Pedestrian Automatic Emergency Braking Acceleration in Modern Light Vehicles: Potential Implications for Occupant Safety

- Presenter: Maitland Witmer (CHOP)
- Co-Authors: Kidd, Graci

Neck and Spinal Responses in the Reclined Large Omnidirectional Child Anthropomorphic Test Device With and Without a Booster Seat During Far-Side Lateral Oblique Impacts

- Presenter: Valentina Graci (CHOP)
- Co-Authors: Humm, Hauschild



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Assessing the Influence of Reclined Vehicle Seatback Configurations With and Without a Belt-Positioning Booster on Child Posture Via Pressure Mapping

- Presenter: Gretchen Baker (OSU)
- Co-Authors: Connell, Graci, Mansfield

Effect of Seat Belt Pretensioners on Forward-Facing Child Restraint Systems (CRS) With and Without Installation Errors in Frontal Impacts

- Presenter: Julie Mansfield (OSU)
- Co-Author: Baker

Multi-Point Chest Deflection in the Large Omnidirectional Child ATD

- Presenter: Hans Hauschild
- Co-Authors: Humm, Graci

The New Frontier of Powered-Two-Wheelers Safety: Autonomous Emergency Steering Field Tested on a Motorcycle

- Presenter: Valentina Graci (CHOP)
- Co-Authors: Crociani, Lucci, Savino

## Ohio Traffic Safety Summit

Columbus, Ohio: May 19-20, 2026  
(See full agenda [here](#))

Digging into the Data: How Parents Navigate and How We Can Guide Child Passenger Safety Decisions

- Presenters: Gretchen Baker (OSU), Brittany Shoots-Reinhard (OSU), Julie Mansfield (OSU)

## Indiana Child Passenger Safety Conference

Indianapolis, Indiana: May 19-20, 2026  
(See event details [here](#))

Seeing is Believing: New Video Resources for Teaching Crash Safety Concepts

- Presenter: Julie Mansfield (OSU)



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## CChIPS at Past Events

### Automotive Safety Council Annual Meeting

*Bonita Springs, Florida: March 25-29, 2026*

*(See full agenda [here](#))*

A Year In Review: Rear Seat Occupant Protection

- Presenter: Kristy Arbogast (CHOP)

Can Good Belt Fit Be Trained? Challenges and Opportunities to Improve Pre-Crash Out of Position Postures

- Presenter: Valentina Graci (CHOP)

### Society for Advancement of Violence and Injury Research

*Providence, Rhode Island: April 13-15, 2026*

*(See full agenda [here](#))*

The DRIVER Study: A Phase III Randomized Trial of Online and Behind-the-Wheel Training to Reduce Teen Crash Risk

- Presenter: Flaura Winston (CHOP)

### National Child Passenger Safety Board – Webinar Series

*Webinar: April 14, 2026*

Putting Our Heads Together to Discuss Head Restraint Interference

- Presenter: Julie Mansfield (OSU)

### Lifesavers Conference

*Baltimore, Maryland, USA: April 19-21, 2026*

*(See agenda [here](#))*

*CChIPS researchers will be presenting at the following workshop sessions:*

Research-to-Impact: Harnessing Unique Data Resources to Drive Policy Innovation in Young Driver Safety

- CChIPS-Affiliated Presenter: Flaura Winston (CHOP)

# Center for Child Injury Prevention Studies (CChIPS)

CPS Research: Improving Child Restraint Designs, Use & Disposal

- CChIPS-Affiliated Presenters: Julie Mansfield (OSU), Rosalie Connell (OSU/Lafayette College)

Making Education Effective: Resources That Will Make Your Teaching Sparkle

- CChIPS-Affiliated Presenter: Julie Mansfield (OSU)

## Ohio Child Passenger Safety Conference

*Columbus, Ohio: April 30, 2026*

Development and evaluation of educational videos to demonstrate the consequences of child restraint system misuse

- Presenter: Julie Mansfield (OSU)
- Co-Author: Jalaj Maheshwari (CHOP)

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## Non-CChIPS Research Papers

### Child Restraint Systems and Boosters

[Influence of child seat payload center of gravity on near-side impact performance.](#)

Price CW, Brelin-Fornari J, Atkinson T. *Traffic Inj Prev.* 2026 Mar 30:1-8. doi: 10.1080/15389588.2026.2635563. Online ahead of print. PMID: 41910473

[Child Restraint System Use and Injury Severity in Pediatric Motor Vehicle Collisions: Insights From the NTDB.](#)

Flyer Z, Giron A, Schomberg J, Goodman LF, Gray Robillard E, Valente M, Shelton SK, Bhargava R, Heyming T. *Am Surg.* 2026 Apr 28:31348261448884. doi: 10.1177/00031348261448884. Online ahead of print. PMID: 42047044

### Seat Belts, Airbags, and Vehicle Environment

[Sound and Vibration Exposure During Fixed-Wing Aircraft Neonatal Patient Transport.](#)

Gibb K, Chen E, Law A, Gerson E, Greenwood K, Ngoie J, Redpath S, Chan ADC, Green JR, Langlois RG. *Air Med J.* 2026 May-Jun;45(3):218-225. doi: 10.1016/j.amj.2026.01.015. Epub 2026 Mar 5. PMID: 42069357

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Biomechanics: ATD, HBM, PMHS, etc.

[Acceleration corridors of small female post-mortem human subjects in near-side and far-side frontal oblique impacts.](#)

Yoganandan N, Koser J.J Biomech. 2026 May;201:113216. doi: 10.1016/j.jbiomech.2026.113216. Epub 2026 Feb 20.PMID: 41844044

## Observational Studies and Safety Behaviors

[Demographic Patterns of Age- and Size-Appropriate Child Restraint Use in Chicago.](#)

Kozhumam AS, Ibrahim S, Guillaume A, Landa MM, Pollock B, Macy ML.Acad Pediatr. 2026 Apr;26(3):103207. doi: 10.1016/j.acap.2025.103207. Epub 2025 Dec 23.PMID: 41448456

[Seatbelt and child restraint use in Accra, Ghana: results from multi-round observational studies \(2015-2020\).](#)

Ntramah S, Ackaah W, Zia N, Ashraf L, Shang Y, Afukaar F, Debrah EK, Bachani AM.Int J Inj Contr Saf Promot. 2026 Apr 10:1-13. doi: 10.1080/17457300.2026.2656209. Online ahead of print.PMID: 41962008

## Education and Interventions

[Developing a multidimensional pedagogical framework for safety education in early childhood: mapping systematic review insights to \*Sheriff Labrador\*.](#)

Lasekan OA, Pena MTG, Mathew BS.Front Public Health. 2026 Mar 13;14:1765782. doi: 10.3389/fpubh.2026.1765782. eCollection 2026.PMID: 41908740

## Safety Legislation

[Exploring the heterogeneity in impacts of 30 km/h speed interventions: A subgroup meta-analysis based on a systematic international review.](#)

Ambros J, Šípek M, Křivánek V, Jurewicz C, Turner B, Elvik R, Valentová V.Accid Anal Prev. 2026 Jul;232:108547. doi: 10.1016/j.aap.2026.108547. Epub 2026 Apr 18.PMID: 42001676



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## Epidemiology

### [Impact of transportation methods on pediatric and adolescent severely injured vehicle occupants.](#)

Abu-Zidan FM, Alao DO. World J Emerg Surg. 2026 Apr 27. doi: 10.1186/s13017-026-00699-7. Online ahead of print. PMID: 42045940

### [Trends in the burden of road traffic injuries among children and adolescents aged 0-19 years in low- and middle-income countries, 1990-2023.](#)

Song Z, Zhang B, Pang S, Qiu M, Huang J, Hao J, Yang X, Li Y. J Glob Health. 2026 Mar 13;16:04094. doi: 10.7189/jogh.16.04094. PMID: 41818628

### [Long-term trends in injury-related mortality among children and adolescents: a 32-year study in a central urban district of Shanghai, 1993-2024.](#)

Zhang Y, Huang J, Gao S, Tang Y, Wang Y, Yu Y, Ling Z, Li W. Front Public Health. 2026 Apr 10;14:1794295. doi: 10.3389/fpubh.2026.1794295. eCollection 2026. PMID: 42040137

### [Road Traffic Accidents and Disability: A global health concern.](#)

Groce N, Chatukuta M, Mont D, Pinilla-Roncancio M, Hanass-Hancock J, Raja DS, McClain-Nhlapo C. Soc Sci Med. 2026 Mar 8;400:119163. doi: 10.1016/j.socscimed.2026.119163. Online ahead of print. PMID: 42013588

### [Developing an approach to estimate the number of road traffic crashes at the national level using media-reported data.](#)

Zhao M, Cheng P, Schwebel DC, Xiao W, Yang L, Zhao S, Li L, Ning P, Rao Z, Hu G. Glob Health Res Policy. 2026 Feb 10;11(1):30-35. doi: 10.1016/j.ghrp.2026.02.002. eCollection 2026 Dec. PMID: 41953395

### [The 30-year evolution of motor vehicle road injuries: Can the future come from the shadows?](#)

Zhao S, Lan Z, Lin J, Kan S, Jiao Y, Chen L, Du Y. PLoS One. 2026 Mar 3;21(3):e0342257. doi: 10.1371/journal.pone.0342257. eCollection 2026. PMID: 41774748

## Safety Equity and Disparities

### [Sex and racial/ethnic disparities in motor vehicle crash fatalities among U.S. Teens aged 15-19 years, 2015-2023.](#)

Rose DM, Alshaikh E, Bista S, Zhu M, Sieck CJ, Yang J. Front Public Health. 2026 Apr 1;14:1760179. doi: 10.3389/fpubh.2026.1760179. eCollection 2026. PMID: 41994530



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[Pedestrian and Bicyclist Crashes With Motor Vehicles by the Childhood Opportunity Index.](#)  
Hellinger RL, Belday K, Witte M, Hotz GA. Pediatrics. 2026 May 1;157(5):e2025075221. doi:  
10.1542/peds.2025-075221.PMID: 41980718

[Beyond rural versus urban: A gradient of mortality risk among injured children across a four-level rurality scale.](#)

Butler EK, Johnson R, Saltzman DA, Segura BJ; Minneapolis, Minnesota. J Trauma Acute Care Surg. 2026 Mar 31. doi: 10.1097/TA.0000000000004977. Online ahead of print.PMID: 41925627

[Pediatric Traumatic Injury in Rural and Urban Areas of Wisconsin.](#)

Kallies KJ, Beyer KM, Koehne WJ, Tomas CW, Tarima S, Beckman MA, Cassidy LD. Pediatr Emerg Care. 2026 Mar 27. doi: 10.1097/PEC.0000000000003599. Online ahead of print.PMID: 41891312

[Cross-sectional study addressing paediatric trauma disparities: a demographic analysis using injury pyramids.](#)

Lewis B, Leung W, Olsen R, Nelson J, Belli J, Casatelli J. Inj Prev. 2026 Mar 11:ip-2025-045680. doi: 10.1136/ip-2025-045680. Online ahead of print.PMID: 41813100

[Crash safety improvements for females, injury risk differences between females and males, and rationale for prioritizing MAIS 4 + F prevention.](#)

Viano DC. Traffic Inj Prev. 2026 Mar 17:1-12. doi: 10.1080/15389588.2026.2634237. Online ahead of print.PMID: 41843417

## Pregnant Occupants

[N/A]

## Traumatic Injury

[A multimodal approach for assessing the risk of cervical spine injury in low-speed rear-end collisions: kinematic and clinical responses.](#)

Lee HY, Lee KH, Kim OH, Kim H, Kang CY, Kim GH, Kim NH, Youk H. Front Bioeng Biotechnol. 2026 Mar 6;14:1743163. doi: 10.3389/fbioe.2026.1743163. eCollection 2026.PMID: 41884308



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[Analysis of the causes and circumstances of death in child traffic accident victims based on autopsy material from the Department of Forensic Medicine in Bialystok between 2002 and 2021.](#)

Sarosiek WW, Sarosiek GI, Cwalina U, Ptaszyńska-Sarosiek I, Niemcunowicz-Janica A, Szeremeta M. Arch Med Sadowej Kryminol. 2025 Nov 24;75(3):199-209. doi: 10.4467/16891716AMSIK.25.013.22657.PMID: 41790147

[Why some children die more often in crashes-and what surgeons can do to change this.](#)

Dixon SM, Williams KM, Garvey EM, Richards MK. J Pediatr Surg. 2026 Mar 17:163084. doi: 10.1016/j.jpedsurg.2026.163084. Online ahead of print.PMID: 41856240

[Changes in pediatric unintentional injury hospitalizations before and after the COVID-19 pandemic: a retrospective analysis.](#)

Tang T, Li S, Yang L, Zhou L, Tan L. Front Public Health. 2026 Mar 24;14:1722038. doi: 10.3389/fpubh.2026.1722038. eCollection 2026.PMID: 41952816

[Clinical characteristics and risk factors for interventional management of abdominal trauma in pediatric patients admitted to a Pediatric Intensive Care Unit in Brazil.](#)

Volpon LC, Araujo CM, Souza AP, Aragon DC, Scarpelini S, Carlotti APCP. Rev Col Bras Cir. 2026 Apr 10;53:e2026001725. doi: 10.1590/0100-6991e-2026001725-en. eCollection 2026.PMID: 41983893

[Relative comparison of spinal deformity between pediatric high-impact and geriatric low-impact fractures.](#)

Hernandez C, Morgan RD, Arciniega MD, Garza J, Nagy L. Surg Neurol Int. 2026 Mar 6;17:124. doi: 10.25259/SNI\_524\_2025. eCollection 2026.PMID: 41952702

[A retrospective study of pediatric forensic trauma: sociodemographic profiles, injury patterns and medicolegal outcomes.](#)

Bulutluöz EG, Kaya B. Ulus Travma Acil Cerrahi Derg. 2026 Jan;32(1):55-62. doi: 10.14744/tjtes.2025.79697.PMID: 41821287

[Pediatric fractures in northern China: hospital-based epidemiology and high-risk factors from a regional cohort study.](#)

Li FH, Dong B, Li CJ, Xing BB. Front Pediatr. 2026 Mar 11;14:1678240. doi: 10.3389/fped.2026.1678240. eCollection 2026.PMID: 41890303



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[Epidemiological trends in abdominal trauma in Norway \(2015-2023\): a national register-based cohort study of severity, population-adjusted incidence, and short-term outcomes.](#)

Larsen JW, Søreide K, Arne Søreide J, Dalen I, Thorsen K. *Lancet Reg Health Eur.* 2026 Mar 25;65:101654. doi: 10.1016/j.lanepe.2026.101654. eCollection 2026 Jun. PMID: 41953369

[Epidemiology of Unintentional Pediatric Trauma Victims Admitted to a Level 1 Trauma Center of North India: A Prospective Observational Study.](#)

Verma V, Afaque SF, Narayanadas DK, Chand S, Sharma V, Agrawal U. *Ann Afr Med.* 2026 Apr 7. doi: 10.4103/aam.aam\_48\_26. Online ahead of print. PMID: 41943485

[The Pattern and Characteristics of Childhood Unintentional Injuries in Abha Maternity and Children Hospital, KSA: Prospective Descriptive Study.](#)

Elsorogy IMI, Ali NMT, Mustafa AEM, Alhelali I, Al-Benhassan I, Alhazmi AAA, Fadoul SAA, Mohammed EMM, Almusdi MMM. *JMIR Pediatr Parent.* 2026 Mar 27;9:e83867. doi: 10.2196/83867. PMID: 41894658

## Post Crash Care and Longterm Outcomes

[Long-term whiplash-associated disorders, sickness absence, and disability pension following rear-end car crashes and associations with whiplash protection systems: a longitudinal cohort study.](#)

Elrud R, Friberg E, Machado A, Alexanderson K, Stigson H. *BMC Public Health.* 2026 Apr 20;26(1):1279. doi: 10.1186/s12889-026-27404-2. PMID: 42010570

[Depression and Social Support Among Hospitalized Patients with Traumatic Spinal Cord Injury: A Prospective Cohort Study.](#)

Al Shamari BK, Agarwal T, El-Menyar A, Al-Hassani A, Mekkodathil A, Al-Thani H. *Healthcare (Basel).* 2026 Mar 19;14(6):779. doi: 10.3390/healthcare14060779. PMID: 41897231

[Invisible traces after traffic accidents: Psychological and behavioral consequences of physical Injuries.](#)

Erdoğan-Yıldırım Z, Karaca S, Demir FC, Deke Z. *Injury.* 2026 Apr 9;57(6):113277. doi: 10.1016/j.injury.2026.113277. Online ahead of print. PMID: 41985390

[An Interventional Study on Postcrash Emergency Care for Road Traffic Injuries in District Aligarh of Uttar Pradesh.](#)

Urfi, Khaliq N, Ahmad A. *Indian J Public Health.* 2026 Jan 1;70(1):79-83. doi: 10.4103/ijph.ijph\_249\_23. Epub 2026 Mar 7. PMID: 41793338



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## [Transforming Pediatric Care: Technological Innovations for Concussion Prevention and Monitoring.](#)

Valluri H, Torres AR. *Semin Pediatr Neurol.* 2026 Apr;57:101264. doi: 10.1016/j.spn.2026.101264. Epub 2026 Feb 23. PMID: 41963002

## [Pediatric trauma management in low-resource emergency departments: from first contact to safe disposition - a narrative review.](#)

Abady E, Bucciarelli B, Maka MGR, Saleem NUA, Fahmy K, Okesanya OJ, Tamvakologos P, Alsabri M. *Int J Emerg Med.* 2026 Mar 24;19(1):72. doi: 10.1186/s12245-026-01189-y. PMID: 41872746

## School Buses and School Transportation

### [Enhanced smart commuting with artificial intelligence for intelligent health and safety monitoring in school buses.](#)

Hossam H, Tamer R, Mohsen M, Ahmed O, Alaa M, Mourad J, Adel R, Hatem A, Sherif S. *Sci Rep.* 2026 Mar 21;16(1):9665. doi: 10.1038/s41598-026-41628-7. PMID: 41864994

### [A scalable model for child road safety in low- and middle-income countries: evidence and lessons from the 'slow zones, safe zones' intervention in Vietnam.](#)

Pham C, Nguyen L, Bui H, Sidik M, Le P, Ariobowo A. *Front Public Health.* 2026 Feb 24;14:1721586. doi: 10.3389/fpubh.2026.1721586. eCollection 2026. PMID: 41815975

### [A Study on the Lung Health of School Children Travelling By School Buses and Air-Conditioned Vehicles: A Cross-Sectional Observational Study.](#)

Kumar T, Kumari N, Suman S, Kumar A, Kumar D, Kujur A, Lakra L, Prasad A, Priye S. *Ann Afr Med.* 2026 Apr 9. doi: 10.4103/aam.aam\_671\_25. Online ahead of print. PMID: 41957928

## Pedestrian

### [Extreme heat disproportionately increases severe road traffic crashes in high conflict settings and among vulnerable road users in California.](#)

Hsu CK, Quistberg DA, Pérez-Ferrer C, Rodríguez DA. *Disc Cities.* 2026;3(1):61. doi: 10.1007/s44327-026-00248-6. Epub 2026 Apr 22. PMID: 42038035



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[Exploring pedestrian gap acceptance behaviour using immersive CAVE experiments: A multilevel logit regression model.](#)

Zhu M, Wang Z, Sze NN, Gu R. *Accid Anal Prev.* 2026 Jul;232:108542. doi: 10.1016/j.aap.2026.108542. Epub 2026 Apr 6. PMID: 41946185

[Factors influencing traffic conflict severity in shared spaces.](#)

Ghimire A, Payre W, Birrell SA, Debnath AK. *Accid Anal Prev.* 2026 Jun;231:108518. doi: 10.1016/j.aap.2026.108518. Epub 2026 Mar 22. PMID: 41871472

## Bicycles, Scooters, and Motorcycles

[Demographic and causal patterns in child cyclist head injuries: Informing helmet test methods.](#)

Dawber W, Baker CE, Sharp D, Agrawal S, Ghajari M. *Accid Anal Prev.* 2026 Jul;232:108545. doi: 10.1016/j.aap.2026.108545. Epub 2026 Apr 18. PMID: 42001674

[Pedal cyclist injuries: An epidemiological study from the National Trauma Registry of Iran.](#)

Raadabadi M, Mazaheri N, Nikfard M, Soodejani MT, Khajehaminian MR. *J Educ Health Promot.* 2026 Mar 31;15:124. doi: 10.4103/jehp.jehp\_315\_25. eCollection 2026. PMID: 42016407

[E-bikes and E-scooters are not bicycles or motorcycles: The case for a dedicated trauma registry mechanism.](#)

Reyes AM, Arcieri TR, Hebert AM, Sanan A, Byers PM, Lineen EB, Lee C, Namias N, Proctor KG, Valenzuela R, Pust GD, Meizoso JP, Valenzuela JY; Miami, FL. *J Trauma Acute Care Surg.* 2026 Apr 29. doi: 10.1097/TA.0000000000005035. Online ahead of print. PMID: 42053154

[Impact of Banning a Rideshare E-Scooter Programme on Emergency Department Presentations in Perth: A Natural Experiment.](#)

Briotti J, Raubenheimer K, Sikora L, Ma L, Chung IC, Weber DG. *ANZ J Surg.* 2026 Apr 23. doi: 10.1111/ans.70689. Online ahead of print. PMID: 42026902

[Electric scooter-related traumatic brain injuries: a scoping review of injury patterns, risk factors, management, and clinical outcomes.](#)

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## NHTSA Publications

(See all [here](#))

[Occupant Restraint Use in 2024: Results From the NOPUS Controlled Intersection Study](#)

[Driver Electronic Device Use in 2024](#)

[Fatality Analysis Reporting System Analytical User's Manual, 1975-2024](#)

[Crash Report Sampling System Analytical User's Manual, 2016-2024](#)

[2024 FARS/CRSS Coding Manual for Pedestrian Bicyclist Crash Typing](#)

[Teen Distracted Driving Data 2024](#)

[Overview of Motor Vehicle Traffic Crashes in 2024](#)

[Distracted Driving in 2024](#)

[Product Information Catalog and Vehicle Listing \(vPIC\) Analytical User's Manual, 2024](#)

[Early Estimate of Motor Vehicle Traffic Fatalities and Fatality Rate in 2025](#)

[2024 FARS/CRSS Coding and Validation Manual](#)

## NHTSA Press Releases

(See all [here](#))

[Consumer Alert: NHTSA Marks May 1 as National Heatstroke Prevention Day](#)  
Help spread the word to save children from the risk of heatstroke in a hot car



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## [Trump's Transportation Department Bans Sale and Import of Deadly, Defective Chinese Air Bag Inflators](#)

This marks the first vehicle equipment ban ordered by NHTSA in over two decades

## [Trump's Transportation Department Celebrates Traffic Safety Advocates Committed to Making American Roads Safer](#)

Department recognizes public awareness campaigns across the country aimed at reducing traffic fatalities

## [Trump's Transportation Department Launches "Pathways to Safer Streets" Initiative to Keep Americans Safe on Roadways and Reduce Traffic Fatalities](#)

## [Trump's Transportation Department Weighs Permanent Ban on U.S. Sale of Chinese Air Bag Inflators Involved in Fatal Crashes](#)

NHTSA is investigating air bags illegally imported from China linked to the death of at least 10 people

## [Trump's Transportation Department Announces Record-Low Traffic Deaths & Fatality Rates in 2025](#)

2025 had the second-lowest fatality rate on America's roads in recorded history

## [Trump's Transportation Department Invests \\$665 Million to Improve Traffic Safety Initiatives, Save Lives](#)

NHTSA launches eGrants platform to help states get needed resources faster

## [Consumer Alert: Time to Check for Vehicle Safety Recalls](#)

More than 29 million vehicles were recalled last year

## Federal Register Activities

(See all [here](#))

### [Administrative Rulemaking, Guidance, and Enforcement Procedures](#)

### [National Emergency Medical Services Advisory Council Notice of Public Meeting](#)

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[Agency Information Collection Activities; Submission to the Office of Management and Budget for Review and Approval; Request for Comment; Driver Monitoring System \(DMS\) in SAE L2 Driver Support Systems](#)

[Agency Information Collection Activities; Notice and Request for Comment; Platform Lift Systems for Motor Vehicles, and Platform Lift Installations in Motor Vehicles](#)

[Agency Information Collection Activities; Notice and Request for Comment; 49 CFR Part 564, Replaceable Light Source Dimensional Information Collection](#)

[Agency Information Collection Activities; Notice and Request for Comment; 49 CFR Part 575.104; Uniform Tire Quality Grading Standard](#)

[Agency Information Collection Activities; Notice and Request for Comment; Consolidated Labeling Requirements for Motor Vehicles \(Except the VIN\)](#)

[Initial Decision That Certain Frontal Driver Air Bag Inflators Manufactured by Jilin Province Detiannuo Safety Technology Co., Ltd. \(DTN\) Contain a Safety Defect](#)

[Federal Motor Vehicle Safety Standards; Occupant Crash Protection, Seat Belt Reminder Systems](#)

[Agency Information Collection Activities; Notice and Request for Comment; Novel Human-Machine Interface \(HMI\) Designs](#)

[Federal Motor Vehicle Safety Standards; Modernization of FMVSS No. 110 To Accommodate ADS-Equipped Vehicles](#)

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[Agency Information Collection Activities; Notice and Request for Comment; Consolidated Labeling Requirements and Procedures for Selecting Lines To Be Covered by the Theft Prevention Standard](#)

[Agency Information Collection Activities; Notice and Request for Comment; Crash Report Sampling System \(CRSS\), Non-Traffic Surveillance \(NTS\), and Special Study Data Collection](#)



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[Federal Motor Vehicle Safety Standards; Modernization of FMVSS No. 102 To Accommodate ADS-Equipped Vehicles](#)

[Federal Motor Vehicle Safety Standards; Modernization of FMVSS No. 103 and FMVSS No. 104 To Accommodate ADS-Equipped Vehicles; Incorporation by Reference](#)

[Agency Information Collection Activities; Notice and Request for Comment; Distraction: Personal Electronic Devices](#)

[Agency Information Collection Activities; Notice and Request for Comment; Incident Reporting for Automated Driving Systems \(ADS\) and Level 2 Advanced Driver Assistance Systems \(ADAS\)](#)

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