

Motor Vehicle Injuries

About Technical Assistance Briefs. The MCH Evidence Center provides ongoing technical assistance (TA) to Title V agencies related to the emerging evidence base, strategies, and measures related to many topics interconnected with National Performance Measures and other critical topics in MCH. *Technical Assistance Briefs* are an outcome of these TA sessions that are designed to act as *conversation starters* in thinking about programs that can be developed to address issues that affect women, infants, children, adolescents, youth, families, and communities. These briefs are not meant to be comprehensive; full analyses of the NPM topic areas are provided in [Evidence Analysis Reports](#).

The Center makes these customized briefs available during TA and on the program website to identify evidence-based/informed strategies, promising practices, examples of ESMs from the field and peer-reviewed resources. Please [contact us](#) if you would like us to develop a similar report for topics that you are working on.

Initial Query for this Brief. Identify measures and best practices around Motor Vehicle Injuries.

Evidence-Based Strategy Measures

ESM: Program Integration. These ESMs have been chosen by other states. You can review the ESMs to see if any resonate with your goals. Evidence Center staff are available to talk through how you could modify select ESMs to serve your needs.

State	ESMs
KY	ESM 7.1.1: Number of community members receiving training or technical assistance about preventable child injuries or death and promoting injury prevention activities including child maltreatment, child passenger, gun, water, fire, pedestrian, ATV, or more.
MO	ESM 7.2.1: Percentage of high school students who reported distracted driving
NE	ESM 7.2.1: The number of schools participating in the "Teens in the Driver Seat" program
NH	ESM 7.2.1: Percentage of high school students who wear a seatbelt
OR	ESM 7.1.2: Transportation injury death rate among children 0 - 9 years of age
TX	ESM 7.1.1: Number of School Health Friday Beat newsletters per fiscal year with at least one injury prevention resource provided in the Friday Beat newsletter
TX	ESM 7.1.2: Number of individuals trained on injury prevention through the Medical Child Abuse Resources and Education System (MEDCARES) grant
VA	ESM 7.1.1: Number of maternity centers disseminated Virginia's injury prevention curriculum
WY	ESM 7.2.1: Percent of high schools providing Teens in the Driver's Seat

State and Jurisdictional Strategies related to Injury Prevention and Motor Vehicle Collision

State	Priority Needs	Strategies
KY	Reduction of child injury rates with focus on preventable child injuries from child abuse and neglect, motor vehicle	<ul style="list-style-type: none"> Adopt community educational opportunities, such as smoke alarm installations, water safety, etc. Provide injury prevention education for families participating in home visiting programs.

	collisions, and other child injuries	<ul style="list-style-type: none"> • Increase the number of car seats that are installed and used appropriately and increase the number of CPS technicians in rural areas. • Provide oversight and regulation of innovative programs such as comprehensive home safety assessments. • Conduct outreach, education campaigns, and trainings in school-based settings.
NE	Motor Vehicle Crashes among Youth	<ul style="list-style-type: none"> • The DHHS Office of Injury Prevention will expand the scope of the Teens in the Drivers Seat survey to include non-participating schools, in order to enlarge the data and understanding of Nebraska youth driving behaviors. • The DHHS Office of Injury Prevention will assess and address the need for translations of health literate educational materials for culturally-diverse audiences. • The DHHS Office of Injury Prevention will expand its distribution plan for safe driving materials including Graduated Drivers Licensing to community cultural centers and other non-school settings.
WY	Promote Adolescent Motor Vehicle Safety	<ul style="list-style-type: none"> • Utilize Bright Futures Implementation Task Force to develop MVTS provider guidelines to promote teen driver safety • Facilitate collaborative effort to strengthen partnerships across entities and increase participation in the Child Safety Learning Collaborative with a focus on implementing evidence-based strategies (e.g. Teens in the Driver Seat) to reduce adolescent MVT mortality.

Evidence-Based Strategies – What Works for Health

The following programs have been identified as effective models related to Motor Vehicle Injuries:

Title	Link	Category
Minimum drinking age laws	https://www.countyhealthrankings.org/take-action-to-improve-health/what-works-for-health/strategies/minimum-drinking-age-laws	Scientifically Supported
Blood alcohol concentration laws	https://www.countyhealthrankings.org/take-action-to-improve-health/what-works-for-health/strategies/blood-alcohol-concentration-laws	Scientifically Supported
Car seat education and enforcement campaigns	https://www.countyhealthrankings.org/take-action-to-improve-health/what-works-for-health/strategies/car-seat-education-enforcement-campaigns	Scientifically Supported
Car seat distribution & education programs	https://www.countyhealthrankings.org/take-action-to-improve-health/what-works-for-health/strategies/car-seat-distribution-education-programs	Scientifically Supported
Car seat incentive and education programs	https://www.countyhealthrankings.org/take-action-to-improve-health/what-works-for-health/strategies/car-seat-incentive-education-programs	Scientifically Supported
Primary seat belt enforcement laws	https://www.countyhealthrankings.org/take-action-to-improve-health/what-works-for-health/strategies/primary-seat-belt-enforcement-laws	Scientifically Supported
Enhanced seat belt enforcement	https://www.countyhealthrankings.org/take-action-to-improve-health/what-works-for-health/strategies/enhanced-seat-belt-enforcement-programs	Scientifically Supported

Universal motorcycle helmet laws	https://www.countyhealthrankings.org/take-action-to-improve-health/what-works-for-health/strategies/universal-motorcycle-helmet-laws	Scientifically Supported
Multi-component community interventions against alcohol-impaired driving	https://www.countyhealthrankings.org/take-action-to-improve-health/what-works-for-health/strategies/multi-component-community-interventions-against-alcohol-impaired-driving	Scientifically Supported
Administrative license suspension/revocation laws	https://www.countyhealthrankings.org/take-action-to-improve-health/what-works-for-health/strategies/administrative-license-suspensionrevocation-laws	Scientifically Supported
Breath testing checkpoints	https://www.countyhealthrankings.org/take-action-to-improve-health/what-works-for-health/strategies/breath-testing-checkpoints	Scientifically Supported
Automated Speed Enforcement Cameras	https://www.countyhealthrankings.org/take-action-to-improve-health/what-works-for-health/strategies/automated-speed-enforcement-cameras	Scientifically Supported
Dram Shop Liability Laws	https://www.countyhealthrankings.org/take-action-to-improve-health/what-works-for-health/strategies/dram-shop-liability-laws	Scientifically Supported
Strong Graduated Driver Licensing Laws	https://www.countyhealthrankings.org/take-action-to-improve-health/what-works-for-health/strategies/strong-graduated-driver-licensing-laws	Scientifically Supported
In-Vehicle Monitoring & Feedback for Teen Drivers and Families	https://www.countyhealthrankings.org/take-action-to-improve-health/what-works-for-health/strategies/in-vehicle-monitoring-feedback-for-teen-drivers-and-families	Some Evidence
Universal Distracted Driving Laws	https://www.countyhealthrankings.org/take-action-to-improve-health/what-works-for-health/strategies/universal-distracted-driving-laws	Some Evidence
Mass media campaigns against alcohol-impaired driving	https://www.countyhealthrankings.org/take-action-to-improve-health/what-works-for-health/strategies/mass-media-campaigns-against-alcohol-impaired-driving	Some Evidence

Evidence-Based Strategies – Innovation Hub

The following programs have been identified as effective models related to Motor Vehicle Injuries

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Zero Fatalities- Utah Teen Driving Safety Task Force	https://amchp.org/wp-content/uploads/2021/05/Zero-Fatalities-%E2%80%93-Utah-Teen-Driving-Safety-Task-Force.pdf	Emerging
Graduated Driver License Education	https://amchp.org/wp-content/uploads/2021/05/Graduated-Driver-License-Education.pdf	Cutting-Edge

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Access other resources at <https://www.mchevidence.org>

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