

# MICHIGAN INJURY PREVENTION PLAN

## Region 8

### Introduction and Background

It is well-established that injury prevention is an essential, and therefore required component of effective trauma systems.<sup>1</sup> Therefore, the Region 8 (R8) Trauma System has developed an organized and coordinated plan for injury prevention.

A unique consideration to this plan was the development of a new statewide, regionally based trauma system in 2013. It is acknowledged that there are multiple mature trauma and burn centers in the state of Michigan. Consequently, a multitude of injury prevention activities already exists within the state. In fact, R8 benefits from having access to numerous nationally and internationally renowned injury prevention resources, programs, and injury-reduction-focused research centers throughout the state. Utilizing some of these resources and focusing on our regional data research, R8 seeks to achieve the following global aims:

- Support and promote inter-agency collaboration and communication
- Document the existing use of injury prevention resources and activities occurring within its boundaries
- Utilize the region's experts to further delineate R8's role in promoting coordinated and successful injury prevention and reduction strategies within its trauma system
- Support a research-based strategic approach to implement currently known best practices in injury prevention
- Facilitate regional trauma system coordination of existing injury prevention programs
- Assess for areas or populations with gaps in services and resources
- Facilitate regional coordination to provide injury prevention coverage
- Provide reports on regional trauma data to help guide and prioritize activities
- Facilitate collaborative injury prevention research
- Assist in the evaluation of programs and activities
- Encourage professional development education on injury prevention, either by sharing training opportunities and/or by providing training as indicated

The operational details for R8's plan to coordinate injury prevention follows. It is acknowledged that this is created for a still-developing and evolving regional trauma system. Thus, it is expected it will be revised to meet future emerging needs and goals as they are identified.

## Goals and Performance Metrics

Per Regional Trauma Network (RTN) guidelines, “the RTN, in cooperation with other agencies and organizations, uses analytical tools to monitor the performance of population-based (regional) injury prevention programs.”<sup>3</sup> An Injury Prevention Subcommittee was established in 2019 to facilitate these efforts. Specific goals set by the committee include:

- By March of 2020, the RTN will monitor and evaluate injury prevention programs by using an annual analysis of regional injury pattern data from the trauma registry to develop coordinated and targeted injury prevention offerings. The RTN will perform **annual** surveys of regional trauma facilities to confirm injury prevention programs alignment with regional injury patterns.
- By March of 2020, the RTN will develop a written injury prevention and control plan that is aligned with regional injury patterns as determined by an annual evaluation of injury from the trauma registry in order to target injury prevention programs based on the three highest risk injuries. The RTN will **annually** survey regional trauma facilities to evaluate the injury prevention program coordination among facilities.
- This strategic plan and its Appendices will be reviewed and updated annually by the Injury Prevention Subcommittee. At the time of review, R8 hospitals will be queried for a current list of injury prevention activities, contact person(s), and other relevant information required to update the Regional Resource Guide.
- Refer to the below Table #1 for performance indicators and metrics required by the State of Michigan based on Health Resources and Services Administration (HRSA) criteria for RTN approval.

Rule HRSA#	Indicator	Score
325.132(3)(c)(ii)(A) 306.2	The RTN is active within the region in the monitoring and evaluation of regional injury prevention activities and programs.	<p>0. Not known.</p> <p>1. The RTN does not actively participate in the monitoring and evaluation of injury prevention activities and programs in the region.</p> <p><b>2. The RTN does some minimal monitoring and evaluation of injury prevention activities and programs in the region.</b></p> <p>3. The RTN monitors and evaluates injury prevention activities and programs in the region.</p> <p>4. The RTN is an active participant in injury prevention programs in the region, including the evaluation of program effectiveness.</p> <p>5. The RTN is integrated with injury prevention activities and programs in the region. Outreach efforts are well</p>

		coordinated and duplication of effort is avoided. Ongoing evaluation is routine and data are used to make program improvements.
325.132(3)(c)(ii)(A) 203.5	The RTN has developed a written injury prevention plan. The injury prevention plan is data driven and targeted programs are developed based upon high injury risk areas. Specific goals with measurable objectives are incorporated into the injury prevention plan.	<p>0. Not known.</p> <p><b>1. There is no written plan for coordinated injury prevention programs within the region.</b></p> <p>2. Although the RTN has a written injury prevention and control plan, it is not fully implemented. There are multiple injury prevention programs within the region that may compete with one another, or conflict with the goals of the regional trauma system, or both.</p> <p>3. There is a written plan for coordinated injury prevention programs within the region that is linked to the regional trauma system plan, and that has goals and time-measurable objectives.</p> <p>4. The regional injury prevention and control plan is being implemented in accordance with established objectives, timelines and the region is collecting data.</p> <p>5. The injury prevention plan is being implemented in accordance with established timelines. Data concerning the effectiveness of the injury prevention programs are being collected and are used to validate, evaluate, and modify the program.</p>
325.132(3)(c)(ii)(A) 207.4	A trauma system public information and education plan exists that heightens public awareness of trauma as a disease, the need for a trauma care system and the prevention of injury. The RTN will promote evidenced based primary injury prevention activities and projects.	<p>0. Not known</p> <p>1. There is no written public information and education plan on trauma system or injury prevention and control.</p> <p>2. There is a trauma system public information and education plan, but linkages between programs and implementation of specific objectives have waned.</p> <p>3. There is a trauma system, and injury prevention plans have a linked public information and education component</p>

		<p>that has specific timetables and measurable goals and objectives.</p> <p>4. The trauma system public information and education plan are being implemented in accordance with the timelines established and agreed on by the stakeholders and coalitions.</p> <p>5. The trauma system public information and education plan are being implemented in accordance with the timelines. Data concerning the effectiveness of the strategies are used to modify the plan and programs.</p>
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As the R8 Trauma System evolves, additional goals and performance metrics will be incorporated into this injury prevention strategic plan. The scope of these goals may cover items such as:

- Regional Projects: Timelines, goals, SMART objectives, and relevant strategic plan details for any future regionally coordinated injury prevention projects.
- Regional Injury Data Reports: Specific process for compiling and disseminating regional injury data reports acquired from the State Trauma Registry. For example:
  - Providing reports on leading causes of injury admissions and deaths, patient demographics, location of injury, etc.
  - Analyzing data for risk factors, patterns, at-risk populations, emerging trends, etc.
  - Utilizing the reports to prioritize coordinated regional prevention activities, such as a combined multi-center event, dissemination of educational materials, training workshop, media messaging/public service announcements, legislative advocacy, etc.

## Definitions of Injury Prevention and Activities

- R8 Trauma System endorses and supports a comprehensive evidence-based approach to injury prevention. Effective injury control is multi-tiered and relies on a combination of intervention strategies that incorporate the principals of:<sup>2</sup>
- **Primary Prevention:** Preventing an injury from occurring or eliminating injury.
  - Examples of primary prevention in R8: Community-based educational programs on older adult fall prevention, pedestrian safety, burn prevention and fire safety, distracted driving prevention, etc. [Refer to Appendix A for a more complete list of specific programs and resources.]
- **Secondary Prevention:** Intervening during and immediately after injury to mitigate damage, minimize severity, and diminish effect.
  - Examples of secondary prevention in R8: Use of safety equipment such as helmets and child safety seats; public education on initial first aid, CPR, and/or other limb and life-saving actions; rapid EMS response; appropriate severity-based transfer to and treatment at trauma/burn centers; etc. [Refer to Appendix A for a more complete list of specific programs and resources.]
- **Tertiary Prevention:** Improving or optimizing long-term outcomes following injury.
  - Examples of tertiary prevention in R8: Rehabilitation, survivor and family support groups, school/work reintegration programs, return to play guidelines following concussions, etc. [These specific activities are not tracked and documented in the Regional Resource Guide. Please contact the injury prevention liaison or trauma program manager at R8 hospitals to request more information on the availability of tertiary prevention programs and resources.]

## Scope of Activities, Resources, and Expertise

R8 Trauma System's strategic plan for injury prevention employs all of the above listed principal processes. A basic tenet in operationalizing the plan is utilization of a multifaceted, comprehensive approach that encompasses a broad scope of prevention and safety-focused efforts, such as: community education, awareness, professional training, media outreach, data collection and analysis, epidemiology, evaluation, research, publications, product safety guideline development, regulations or code enforcement, and advocacy or expert testimony to support legislative action.

The plan utilizes multi-agency collaboration and multi-disciplinary participation to address the complex components of prevention. R8 is comprised of members from a variety of disciplines (e.g., nurses, physicians, EMS providers, public health, educators/teachers, etc.). In addition to their own hospitals and agencies, R8 members are affiliated with a multitude of professional organizations [see Table #2]. The R8 injury prevention plan capitalizes on the wealth of existing prevention-focused resources in the state.

## Data to Target Priorities

According to the American College of Surgeons regional trauma system guidelines, “the descriptive epidemiology of injury among the whole jurisdictional population (geographic area served) within a trauma system should be studied and reported...[and] enables the identification of priorities for directing better allocation of resources, the nature and distribution of injury prevention activities, financing of the system, and health policy initiatives.”<sup>1</sup> In 2019, R8 compiled and reported initial summary data on injury-related fatalities and hospitalizations in the region.<sup>5</sup> Based on injury incidence frequency, the following mechanisms were consistently identified as top three priorities for injury prevention: falls, ATV crashes, and motor vehicle crashes. ICD-10 Injury Categories for Region 8 are as follows in graphs, overall and specific to second leading cause.<sup>8</sup>

### 2019 Jan-Jun

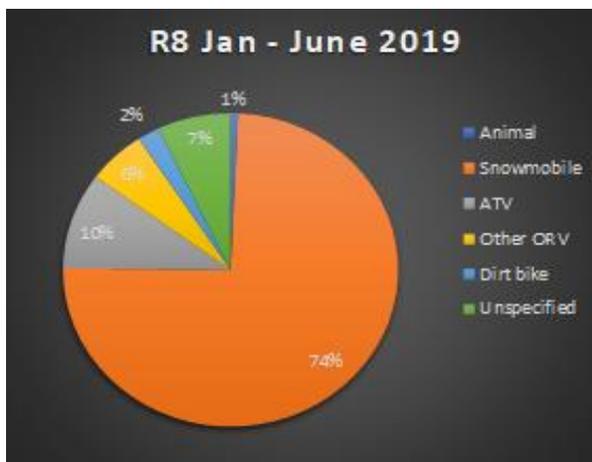
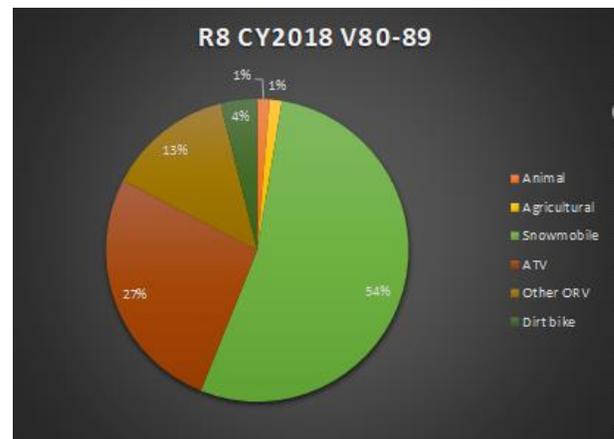
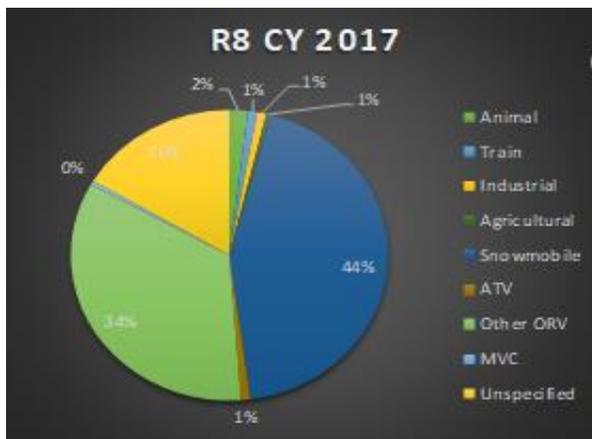
Incident ICD-10 Injury Category (TR200.3)	Count Of Incidents	
(W00-W19) Slipping, tripping, stumbling and falls	701	<b>958</b> 73%
(V80-V89) Other land transport accidents	139	15%
(V40-V49) Car occupant injured in transport accident	47	5%
(W20-W49) Exposure to inanimate mechanical forces	44	5%
(V50-V59) Occupant of pick-up truck or van injured in transport accident	27	3%

### CY2018

Incident ICD-10 Injury Category (TR200.3)	Count Of Incidents	
(W00-W19) Slipping, tripping, stumbling and falls	1,371	<b>1936</b> 71%
(V80-V89) Other land transport accidents	252	13%
(V40-V49) Car occupant injured in transport accident	137	7%
(W20-W49) Exposure to inanimate mechanical forces	118	6%
(V20-V29) Motorcycle rider injured in transport accident	58	3%

### CY2017

Incident ICD-10 Injury Category (TR200.3)	Count Of Incidents	
(W00-W19) Slipping, tripping, stumbling and falls	1,114	<b>1610</b> 69%
(V80-V89) Other land transport accidents	214	13%
(V40-V49) Car occupant injured in transport accident	147	9%
(W20-W49) Exposure to inanimate mechanical forces	85	5%
(V20-V29) Motorcycle rider injured in transport accident	50	3%



## Assessment of Activities, Programs, and Resources

To meet the above stated performance indicators and metrics (see “Goals and Performance Metrics”), the R8 Injury Prevention Subcommittee has collected and compiled a list of existing injury prevention programs within its boundaries. A primary purpose of the R8 Regional Injury Prevention Resource Guide is to assess whether existing programs match the injuries identified as top priorities for prevention intervention. This Regional Injury Prevention Resource Guide appears in Appendix A. The guide can be utilized by hospitals, agencies, community health programs, and interested others to locate injury prevention education available in the R8 area. It will be updated per the frequency defined in the “Goals and Performance Metrics” section.

## Summary and Conclusions

R8 Trauma System benefits from a wealth of pre-existing and well-established resources, experts, initiatives, and programs dedicated to comprehensive injury prevention and control throughout the nation and the state. This is a hugely positive asset. Although R8 is large in area, it is very rural with limited populations and resources. Utilizing existing state and national resources that are freely shared, assists with moving the injury prevention activities in R8 forward.

Accordingly, it also presents some unique operational challenges, such as how to improve regional-wide coordination without adding unnecessary and labor-intensive processes, and how to best promote proven successful injury reduction strategies within R8. As the relatively new regional trauma system evolves, this Injury Prevention Strategic Plan will be revised to document progress and communicate future decisions.

## References

1. American College of Surgeons Committee on Trauma. Regional Trauma Systems: Optimal Elements, Integration, and Assessment: Systems Consultation Guide (2008):  
<https://www.facs.org/-/media/files/quality-programs/trauma/tscp/pdfs/regionaltraumasystems.ashx>
2. United States Department of HHS, HRSA; Model Trauma System Planning and Evaluation:  
<https://www.hsdl.org/?view&did=463554>
3. Region 8 Trauma Network Application  
[https://www.michigan.gov/documents/mdhhs/2017\\_Regional\\_Trauma\\_Network\\_Application\\_JUNE\\_REVISION\\_including\\_bylaws\\_663078\\_7.pdf](https://www.michigan.gov/documents/mdhhs/2017_Regional_Trauma_Network_Application_JUNE_REVISION_including_bylaws_663078_7.pdf)
4. Region 2 South's Strategic Approach to Injury Prevention and Community Outreach (2017).
5. Region 1 Injury Prevention Plan (2019).
6. Michigan Trauma System Strategic Plan (2018-2023)  
[https://www.michigan.gov/documents/mdhhs/Strategic\\_Plan\\_Final\\_658317\\_7.pdf](https://www.michigan.gov/documents/mdhhs/Strategic_Plan_Final_658317_7.pdf)
7. Resources for Optimal Care of the Injured Patient 2014/Resources Repository: <https://www.facs.org/quality-programs/trauma/tqp/center-programs/vrc/resources>
8. Michigan Trauma Registry.

## **R8 Members' Network of Professional Organization Membership, On-line Resource Access or Affiliations with Injury Prevention Activities**

- [American Academy of Emergency Medicine](#)
- [American Academy of Pediatrics](#)
- [American Association for the Surgery of Trauma](#)
- [American Burn Association](#)
- [American College of Emergency Physicians](#)
- [American College of Surgeons, Committee on Trauma](#)
- [American Red Cross](#)
- [American Trauma Society](#)
- [Centers for Disease Control and Prevention and its Injury Centers](#)
- [Department of Defense](#)
- [Department of Homeland Security](#)
- [Eastern Association for the Surgery of Trauma](#)
- [Emergency Medical Services for Children](#)
- [Emergency Nurses Association](#)
- [International Association of Fire Fighters](#)
- [International Center for Automotive Medicine](#)
- [Michigan Department of Health and Human Services](#)
- [Midwestern Injury Prevention Alliance](#)
- [Michigan Fire Inspectors Society](#)
- [Michigan Trauma Coalition](#)
- [National Association of State EMS Officials](#)
- [National Fire Protection Association](#)
- [National Highway Traffic Safety Administration](#)
- [National Institutes of Health, National Institute on Aging](#)
- [National Rural Health Association](#)
- [Office of Rural Health Policy](#)
- [Prosecuting Attorneys Association of Michigan](#)
- [Safe Kids Worldwide](#)
- [Safe States Alliance](#)
- [Society for Advancement of Violence and Injury Research](#)
- [Society of Trauma Nurses](#)
- [ThinkFirst National Injury Prevention Foundation](#)
- [United States Fire Administration](#)
- [UMTRI - University of Michigan Transportation Research Institute](#)

**APPENDIX A**  
**R8 REGIONAL INJURY PREVENTION RESOURCE GUIDE**

Available injury prevention education and outreach activities/programs provided by trauma centers in Region 8

- Babysitters Training
- Bicycle & Helmet Safety
- Boaters Safety
- Burn Prevention, Fire Safety, and Youth Fire-setting Prevention & Intervention
- Child Safety Seat Clinics
- Distracted Driving
- Farm Safety
- Gun Safety
- Hunters Safety
- Pet Safety
- Preventing Youth Athletic Injuries & Overheating
- Pedestrian Safety/Safetyville
- Older Adult Fall Prevention and Senior Lifestyle & Injury Prevention
- ThinkFirst Injury Prevention
- Water Safety

**APPENDIX B:  
INJURY PREVENTION ONLINE RESOURCE LIST**

**General Resource Guides and Toolkits for Injury Prevention**

- **American Association for the Surgery of Trauma and Harborview Injury Prevention and Research Center: A Community Guide to Injury Prevention and Ten Steps for Developing an Injury Prevention Program**  
[www.aast.org/Library/TraumaPrevention/InjuryPreventionGuide.aspx](http://www.aast.org/Library/TraumaPrevention/InjuryPreventionGuide.aspx)
- **American College of Surgeons Committee on Trauma Injury Prevention**  
[www.facs.org/quality-programs/trauma/ipc](http://www.facs.org/quality-programs/trauma/ipc)  
[www.facs.org/~media/files/quality%20programs/trauma/injuryprevent.ashx](http://www.facs.org/~media/files/quality%20programs/trauma/injuryprevent.ashx)
- **Centers for Disease Control and Prevention: National Action Plan for Child Injury Prevention**  
[www.cdc.gov/safecild/nap/](http://www.cdc.gov/safecild/nap/)
- **Children’s Safety Network: Resource Guides**  
[www.childrenssafetynetwork.org/resource-guides](http://www.childrenssafetynetwork.org/resource-guides)
- **Safe States Alliance: Building Safer States Core Components of State Public Health Injury and Violence Prevention Programs and the State of the States Reports**  
[www.safestates.org/?page=SOTS](http://www.safestates.org/?page=SOTS)  
[www.safestates.org/?page=BuildingSaferStates](http://www.safestates.org/?page=BuildingSaferStates)
- **United States Department of Homeland Security - Federal Emergency Management Agency - United States Fire Administration: Safety Program Toolkit**  
[www.usfa.fema.gov/downloads/pdf/publications/fire\\_safety\\_program\\_toolkit.pdf](http://www.usfa.fema.gov/downloads/pdf/publications/fire_safety_program_toolkit.pdf)
- **Vision 20/20: Community Risk Assessment and Community Risk Reduction Planning Guides**  
<http://strategicfire.org/community-risk-reduction/community-risk-assessment/>

**Other Online Injury Prevention Resources and Materials**

- **AARP Driving and Home Safety:** [www.aarp.org](http://www.aarp.org)
- **American Academy of Pediatrics health children (AAP):** [www.healthychildren.org](http://www.healthychildren.org)
- **American Academy of Neurology: Concussion Resources:** <https://www.aan.com/Concussion>
- **American Association of Poison Control Centers (AAPCC):** [www.aapcc.org](http://www.aapcc.org)
- **American Red Cross (ARC) Emergency Preparation:** [www.redcross.org/get-help/prepare-for-emergencies/types-of-emergencies](http://www.redcross.org/get-help/prepare-for-emergencies/types-of-emergencies)
- **AT&T Distracted Driving; It Can Wait (Take the Pledge):** [www.itcanwait.com/home#](http://www.itcanwait.com/home#)
- **ASPCA: Dog Bite Prevention** <https://www.asPCA.org/pet-care/dog-care/dog-bite-prevention>
- **ASPCA: Dogs and Babies** <https://www.asPCA.org/pet-care/dog-care/dogs-and-babies>
- **Bicycle Helmet Safety Institute-** <http://bhSI.org>
- **Brain Injury Association of America (BIAA):** [www.biaUSA.org](http://www.biaUSA.org)

- **Bridgestone Teens Drive Smart:** [www.teensdrivesmart.com](http://www.teensdrivesmart.com)
- **Centers for Disease Control and Prevention (CDC):** [www.cdc.gov](http://www.cdc.gov) and it's funded (current or previous) injury control research centers:
  - **Columbia University Center for Injury Epidemiology and Prevention:** [www.cuinjuryresearch.org](http://www.cuinjuryresearch.org)
  - **Harborview Injury Prevention and Research Center:** <http://depts.washington.edu/hiprc/>
  - **Johns Hopkins Center for Injury Research and Policy:** [www.jhsph.edu/research/centers-and-institutes/johns-hopkins-center-for-injury-research-and-policy](http://www.jhsph.edu/research/centers-and-institutes/johns-hopkins-center-for-injury-research-and-policy)
  - **Mount Sinai Injury Control Research Center:** <http://icahn.mssm.edu/research/brain-injury/about/funding/cdc>
  - **Nationwide Children's Hospital Research Institute Center for Injury Research and Policy:** [www.nationwidechildrens.org/injury-research-and-policy](http://www.nationwidechildrens.org/injury-research-and-policy)
  - **University of Iowa Injury Prevention Research Center:** [www.public-health.uiowa.edu/iprc](http://www.public-health.uiowa.edu/iprc)
  - **University of North Carolina Injury Prevention Research Center:** <http://iprc.unc.edu>
  - **University of Michigan Injury Center:** [www.injurycenter.umich.edu](http://www.injurycenter.umich.edu)
  - **University of Rochester Center for the Study and Prevention of Suicide:** <https://www.urmc.rochester.edu/psychiatry/csps.aspx>
  - **West Virginia University Injury Control Research Center:** <http://publichealth.hsc.wvu.edu/icrc/>
- **Centers for Disease Control and Prevention: Home and Recreational Safety** <https://www.cdc.gov/homeandrecreationalsafety/> ; <https://www.cdc.gov/steady/index.html>
- **Child Abuse Prevention Association (CAPA):** <http://capacares.org/>
- **Children's Hospital Association:** [www.childrenshospitals.org](http://www.childrenshospitals.org)
- **Child Welfare Information Gateway:** [www.childwelfare.gov](http://www.childwelfare.gov)
- **Childhelp National Child Abuse Hotline:** [www.childhelp.org](http://www.childhelp.org)
- **Children's Safety Network (CSN):** [www.childrenssafetynetwork.org](http://www.childrenssafetynetwork.org)
- **Consumer Product Safety Commission (CPSC):** [www.cpsc.gov](http://www.cpsc.gov)
- **Ford Driving Skills for Life:** [www.drivingskillsforlife.com/](http://www.drivingskillsforlife.com/)
- **I'm Safe Multiple Resources-** <https://www.imsafe.com/>
- **Injury Free Coalition for Kids:** [www.injuryfree.org](http://www.injuryfree.org)
- **Insurance Company Sponsored Education and Programs:**
- **Allstate:** [www.allstate.com/about/safe-driving.aspx](http://www.allstate.com/about/safe-driving.aspx)
- **American Automobile Association (AAA):** [www.aaafoundation.org](http://www.aaafoundation.org) and <https://michigan.aaa.com/safety/driving-safety.aspx>
- **Liberty Mutual Research Institute:** [www.libertymutualgroup.com/about-lm/research-institute/research-institute](http://www.libertymutualgroup.com/about-lm/research-institute/research-institute)
- **State Farm:** <https://www.statefarm.com/about-us/community>
- **Kids Health:** <http://kidshealth.org>
- **Kid Smartz:** [www.kidsmartz.org](http://www.kidsmartz.org)
- **Infant Safe Sleep-** <http://www.sidscenter.org/SafeSleep/index.html>
- **Maine Health A Matter of Balance:** [www.mainehealth.org/mob](http://www.mainehealth.org/mob)
- **Michigan Department of Health and Human Services (MDHHS) Injury Prevention Division:** [www.michigan.gov/mdch/0,1607,7-132-54783\\_54879---,00.html](http://www.michigan.gov/mdch/0,1607,7-132-54783_54879---,00.html)

- Michigan State Police (MSP) Crime Prevention, Safety & Police Services: [www.michigan.gov/msp/0,4643,7-123-72297\\_64773\\_33018---,00.html](http://www.michigan.gov/msp/0,4643,7-123-72297_64773_33018---,00.html)
- Mothers Against Drunk Driving (MADD): [www.madd.org](http://www.madd.org)
- National Association of Area Agencies on Aging (N4a): [www.n4a.org](http://www.n4a.org)
- National Center on Shaken Baby Syndrome and Period of Purple Crying: [www.dontshake.org](http://www.dontshake.org) and [www.purplecrying.info](http://www.purplecrying.info)
- National Coalition for Safer Roads and Stop Red Light Running: [www.ncsrsafety.org/stop-on-red-3/](http://www.ncsrsafety.org/stop-on-red-3/)
- National Committee for the Prevention of Elder Abuse: [www.preventelderabuse.org](http://www.preventelderabuse.org)
- National Council on Aging: [www.ncoa.org](http://www.ncoa.org)
- National Council on Patient Information and Education and the Center for Improving Medication Management: [www.learnaboutrxsafety.org](http://www.learnaboutrxsafety.org)
- National Fire Protection Association (NFPA): [www.nfpa.org](http://www.nfpa.org) and [www.sparky.org](http://www.sparky.org)
- National Fire Safety Council: [www.nfsc.org](http://www.nfsc.org)
- National Highway Traffic Safety Administration (NHTSA): [www.nhtsa.gov](http://www.nhtsa.gov) and [www.safercar.gov](http://www.safercar.gov)
- National Institute on Alcohol Abuse and Alcoholism (NIAAA): [www.niaaa.nih.gov](http://www.niaaa.nih.gov)
- National Institute of Child Health and Human Development (NICHD) Safe to Sleep: [www.nichd.nih.gov/sts/Pages/default.aspx](http://www.nichd.nih.gov/sts/Pages/default.aspx)
- National Organization for Youth Safety (NOYS): [www.noys.org](http://www.noys.org)
- National Safety Council (NSC): [www.nsc.org/Pages/Home.aspx](http://www.nsc.org/Pages/Home.aspx)
- National Scald Prevention Campaign: <http://flashsplash.org/>
- Safe Kids Worldwide: [www.safekids.org](http://www.safekids.org)
- ThinkFirst National Injury Prevention Foundation: [www.thinkfirst.org](http://www.thinkfirst.org)
- Toyota and Cincinnati Children's Buckle Up for Life: <http://buckleupforlife.org/>
- United States Fire Administration: [www.usfa.fema.gov](http://www.usfa.fema.gov)
- Vision 20/20: <http://strategicfire.org/>
- World Health Organization: [www.who.int/en/](http://www.who.int/en/)

#### Injury Prevention Programs and Resources by Topical Area

- Brain Injury and Rehabilitation
- Concussions
- Child Passenger Safety
- Bus Safety
- Driver Safety
- Dog Bites
- Falls
- Burn and Fire Safety
- Poison Control
- Helmet Safety
- Home Safety
- Playground Injuries
- Poisoning
- Safe Sleep for Infants
- Older Adult Related Injury Prevention

- **Sports Safety**
- **Suicide**
- **Traffic Safety**
- **Water Safety Programs**

## APPENDIX C Ongoing Regional Injury Prevention Program List

County Served	Type	Program Name	Persons Served	Agency	Contact Person	Number	Email	Address	R8TN	Notes
	Safety	Safe Kids Michigan	Peds, online	Michigan	Laura Rowen	517-335-9519	RowenL@michigan.gov	109 W MI Ave, Lansing 48908		
	Boating	DNR Boating Safety	Public, online	Michigan		www.michigan.gov/dnr				
	ORV	DNR ATV Safety	Public, online	Michigan		www.michigan.gov/dnr				
Alger	Peds	Concussion	Athletes	UPHS	Mark Stonerock		mark.stonerock@mghs.org	Sports Med Outreach, UPHS Marquette		
Alger	Fall	Matter of Balance	Seniors, Fall							
Baraga	Fall	Matter of Balance	Seniors, Fall	Keweenaw Bay Indian	Elizabeth Mayo	906-353-4531	popcom@kbc-nsn.gov			
Baraga	Fire Prevention									
Baraga	Peds	Camp 911	Peds	Bay EMS	Gary Wadaga		garymw@chartermi.net			
Baraga	Peds	Concussion	Athletes	BCMH and UPHS	Mark Stonerock		mark.stonerock@mghs.org	Sports Med Outreach, UPHS Marquette		
Baraga	Car seat	KARS	Peds	Keweenaw Bay Indian	Elizabeth Mayo					
Baraga	Suicide Prevention	?	Public	?	Holly Makila					need details
Baraga	Hunter	Hunter Safety	Peds	Ottawa Sportsman's Club Sault Tribe of Chippewa Indians						
Chippewa	Fall	Matter of Balance	Seniors, Fall	Indians	Sharon Hovie	906-635-4971	shovie@saulttribe.net			
Chippewa	Fall	Matter of Balance	Seniors, Fall	Chippewa Luce Mackinac CAA	Sheri Poirier	906-632-3363	spoirier@clmcaa.com			
Chippewa	Bicycle	Bicycle Safety		War Memorial	Pat Hirt		phirt@wmhos.org			
Chippewa	Motor-cycle	MC Rider Education	Motorcyclists	Orsego Co Sheriffs Office	Timothy McPherson	231-546-3142	iridebmw@freeway.net	LSSU		
Delta	Peds	Concussion	Athletes	UPHS	Mark Stonerock		mark.stonerock@mghs.org	Sports Med Outreach, UPHS Marquette		
Delta	Fall	Matter of Balance	Seniors, Fall	Northern Lights YMCA	Amy Racine	906-630-6337	aracine@nlymca.com			
Delta	Motor-cycle	MC Rider Education	Public	Northern MI University	Lori Malnor	906-227-2103	conteduc@nmu.edu	Rapid River Schools Gladstone Jr High Gladstone Jr High		
Delta	ORV	ORV Safety	Public		Jonathan Smith	906-789-8411				
Delta	Snowmo	Snowmobile	Public		Jonathan Smith	906-789-8411				
Dickinson	Fall	Matter of Balance	Seniors, Fall	Dickinson Co Health Sys	Erin Mclntyre	906-201-4872	brennan.erin1982@gmail.com			
Dickinson	Fire Prevention	Fire Safety House	Peds	Iron Mtn FD		906-774-3774		ages 6-12		
Dickinson	Head	Concussion	Peds athletes	Dickinson Co Health Sys	Rehab Services	906-776-5522				
Dickinson	Home Safety	Home Injury Control	Aged	Dickinson Iron Community Action Agency	Dixie Young	906-774-2256	dyoungs@dicisami.org	1238 Carpenter Ave, Iron Mtn		
Dickinson	Driver	AARP Safe Driving	Aged	Dickinson Iron Community Action Agency		906-774-2256				
Dickinson	Peds	Camp 911	Peds	Dickinson Co Health Sys	Renee Stanchina	906-776-5698				5th/6th grade
Dickinson	Workplace Safety	Safety	Industrial safety	Dickinson Co solutions						
Dickinson	Snowmo	Snowmobile	Peds	DNR				snowmobilecourse.com/usa/michigan		
Dickinson	Snowmo	Snowmobile	Public	DNR				snowmobile-ed.com/michigan		
Gogebic	Fall	Matter of Balance	Seniors, Fall	MSU Extension	Anita Carter	906-360-9732	carter356@msu.edu			
Gogebic	Exercise Inj Prevent			Aspirus Grandview						
Gogebic	Fire Prevention									
Gogebic	Motor-cycle	MC Rider Education	Public	Northern MI University Aspirus	Lori Malnor	906-227-2103	conteduc@nmu.edu	Gogebic Comm College		
Gogebic		Senior Fair Day	Seniors, Fall	Grandview						

County Served	Type	Program Name	Persons Served	Agency	Contact Person	Number	Email	Address	R8TN	Notes
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Houghton	Fall	Matter of Balance	Seniors, Fall	MSU Extension	Erin Carter	906-369-4572	ecarter@msu.edu	184 US41, Negaunee
Houghton	Fall	Matter of Balance	Seniors, Fall	Aspirus Keweenaw	Marlys Folly	906-337-5318	marlys.folly@aspirus.org	
Houghton	Motor-cycle	MC Rider Education	Public	Northern MI University	Lori Malnor	906-227-2103	conteduc@nmu.edu	MI Tech Univ Gates Lot
Houghton	Peds	Camp 911	Peds	UPHS Portage Aspirus	Alecyn Sintkowski		asinkowski@portagehealth.org	community event
Houghton	Peds	Camp 911	Peds	Keweenaw	Jan List			community event
Houghton	Bicycle	Kids Always Ride Safe	Peds	UPHS Portage Aspirus	Alecyn Sintkowski		alecyn.sinkowski@portagehealth.org	
Houghton	Bicycle	Bicycle Safety	Public	Keweenaw	Marlys Folly		marlys.folly@aspirus.org	
Houghton	Safety	Health & Safety Fair	Public	UPHS Portage Aspirus	Alecyn Sintkowski		alecyn.sinkowski@portagehealth.org	
Houghton	Peds	Child Restraint	Peds	Keweenaw	Jenn Jenich-Laplender	906-337-6541		
Iron	Fall	Matter of Balance	Seniors, Fall	Aspirus Iron River	Sara Ehler	906-265-9123	sara.ehler@aspirus.org	
Iron	Home Safety	Home Injury Control	Aged	Dickinson Iron Community Action Agency	Dixie Young	906-774-2256	dyoung@discami.org	1238 Carpenter Ave, Iron Mm in conjunction with Houghton
Keweenaw	Fall	Matter of Balance	Seniors, Fall					
Luce	Fall	Matter of Balance	Seniors, Fall	Sault Tribe of Chippewa Indians	Shirley Kowalke	906-293-8181	skowalke@saulttribe.net	
Luce	Fall	Matter of Balance	Seniors, Fall	HNJ Hospital	Kim Whitehouse	906-322-6727		
Luce	Bicycle	Bicycle Safety						
Luce	Boat	Boating Safety	Public	Luce Co Sheriff's Office		(906) 293-8431		411 W Harrie St, Newberry, MI 49868
Luce	ORV	ORV Safety	Public	Luce Co Sheriff's Office		(906) 293-8432		412 W Harrie St, Newberry, MI 49868
Luce	Hunter	Hunter Safety	Peds	Luce Co Sheriff's Office		(906) 293-8433		413 W Harrie St, Newberry, MI 49868
Marquette	Bleed	B-Con	Public	UPHS	Tammy Luoma	906-225-6935	tammy.luoma@mghs.org	Marquette Co
Marquette	Bicycle	I Can Ride	Disabled	UPHS	Marquette	906-225-6935	tammy.luoma@mghs.org	YMCA Mqt
Marquette	Peds	Healthy Kids	Peds	YMCA	Marquette	906-225-6935	tammy.luoma@mghs.org	Marquette Mtn National Night
Marquette	Skiing	Ski Safety	Peds	UPHS Mqt, Ski Patrol	Tammy Luoma	906-225-6935	tammy.luoma@mghs.org	Out Lk Twp 184 US41, Negaunee
Marquette	Bicycle	Bicycle Safety	Peds	UPHS	Marquette	906-225-6935	tammy.luoma@mghs.org	410 Jackson St, Negaunee
Marquette	Fall	Matter of Balance	Seniors, Fall	MSU Extension Negaunee	Erin Carter	906-369-4572	ecarter@msu.edu	410 Jackson St, Negaunee
Marquette	Fall	Tai Chi	Seniors, Fall	Senior Center Negaunee	Kristy Malmsten	906-475-6266	seniorcenter@cityofnegaunee.com	165 N Maple St, Gwinn
Marquette	Fall	Matter of Balance	Seniors, Fall	Senior Center Forsyth	Kristy Malmsten	906-475-6266	seniorcenter@cityofnegaunee.com	
Marquette	Fall	Matter of Balance	Seniors, Fall	Forsyth Senior Center	Brian Veale	906-346-9862	FSC@forsythwpmi.org	
Marquette	Fall	Matter of Balance	Seniors, Fall	Alzheimers Association	Lindsay Juricek	906-228-3910	ljuricek@alz.org	
Marquette	Fall	Matter of Balance	Seniors, Fall	Marquette Aging Svs	Julie Shaw	906-315-2607	jashaw@mqtc.org	Mqt Senior Ctr Brookridge
Marquette	Fall	Matter of Balance	Seniors, Fall	UPHS	Tammy Luoma	906-225-6935	tammy.luoma@mghs.org	
Marquette	Fall	Matter of Balance	Seniors, Fall	Upper Great Lks Family Health Ctr	Cindy Dulany	906-346-6062	cindy.dulany@uglhealth.org	Mqt Area Public Schools
Marquette	Fire Prevention	Safety/Fire Extinguishers	9th graders	Marquette City Fire Dept	Ian Davis			Mqt Area Public Schools
Marquette	Fire Prevention	Learn Not To Burn	3rd, 4th, 5th graders	Marquette City Fire Dept	Ian Davis		idavis@mqcty.org	
Marquette	Hunter	Hunter Safety	Peds	Mqt Co Sheriffs Office	Errol Lukkarinen		elukkarinen@mqtc.org	236 W Baraga Ave, Mqt
Marquette	Motor-cycle	MC Rider Education	Motorcyclists	Bald Eagle Harley David	Elizabeth Schut	906-228-5330	eli@baldaglehd.com	Northern MI Univ Jacobetti Ctr
Marquette	Motor-cycle	MC Rider Education	Motorcyclists	Northern MI University	Lori Malnor	906-227-2103	conteduc@nmu.edu	Marquette City Counties: Mqt, Alger, Hough, Dickinson
Marquette	Peds	Safe Babysitting	Peds	Marquette City Fire Dept	Ian Davis		idavis@mqcty.org	
Marquette	Snowmo	trail signs, flyers	snowmo	UPHS	Tammy Luoma	906-225-6935	tammy.luoma@mghs.org	
Marquette	Water	Flag Advisory	Swimmers	Marquette City of Mqt Parks			idavis@mqcty.org	
Marquette	Peds	Concussion	athletes	UPHS	Mark Stonerock		mark.stonerock@mghs.org	Counties: Mqt, Alger, Delta
Marquette	Peds	Child Restraint	Peds	Marquette City Fire Dept	Ian Davis		idavis@mqcty.org	Marquette City
Marquette	Peds	Child Restraint	Peds	Marquette Twp Fire Dept	Ron DeMarse			Marquette Twp

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Marquette	Bicycle	National Nightouts	Peds	UPHS Marquette Menom, Delta, Schoolcraft	Tammy Luoma	906-225-6935	tammy.luoma@mghs.org	Marquette City, Ishpeming Twp
Menominee	Fall	Matter of Balance	Seniors, Fall	CAA Menom, Delta, Schoolcraft	Renelle Betters	906-863-2158	msc@newbcrr.com	
Menominee	Fall	Matter of Balance	Seniors, Fall	CAA Northern MI	Becky Thone	906-753-6986	mssc@dreamscp.com	Menominee Area Schools
Menominee	Motor-cycle	M.C. Rider Education	Motorcyclists	Northern MI University	Lori Mahor	906-227-2103	conteduc@nmu.edu	
Ontonagon	Fall	Matter of Balance	Seniors, Fall					31433 W Hwy M64 Ontonagon Area Schools
Ontonagon	Hunter Motor-cycle	Hunter Safety M.C. Rider Education	all	Northern MI University	Walter Toepfer			
Ontonagon	Motor-cycle	Matter of Balance	Motorcyclists	Schoolcraft Mem Hosp	Lori Mahor	906-227-2103	conteduc@nmu.edu	
Schoolcraft	Fall	Matter of Balance	Seniors, Fall		Lynn Ballard	906-341-3254	lballard@scmh.org	
Schoolcraft	Fire Prevention							