

MICHIGAN REGIONAL TRAUMA REPORT

1st QUARTER 2025

Region 8

Statutory Reference: R325.132 Rule 8 (3) (a) At least quarterly, a region shall submit evidence of ongoing activity, such as meeting notices, minutes to the department.

Resource Update: Facility Designation Status:

Facility Name	Designated	Level of Designation
Aspirus Iron River	N	
Aspirus Ironwood	Y	IV
Aspirus Keweenaw	N	
Baraga County Memorial Hospital	Y	IV
Helen Newberry Joy Hospital	Y	IV
Marshfield Medical Dickinson	Y	IV
Munising Memorial Hospital	N	In Process
MyMichigan Sault	Y	IV
OSF St. Francis	Y	IV
Schoolcraft County Memorial Hospital	N	In Process
UPHS Bell	N	In Process
UPHS Marquette	Y	LII
UPHS Portage	Y	LIII

Work Plan Objective / Strategic Plan (SP) Objective Progress and Highlights:

Complete sections that have progress within the quarter.

Injury Prevention

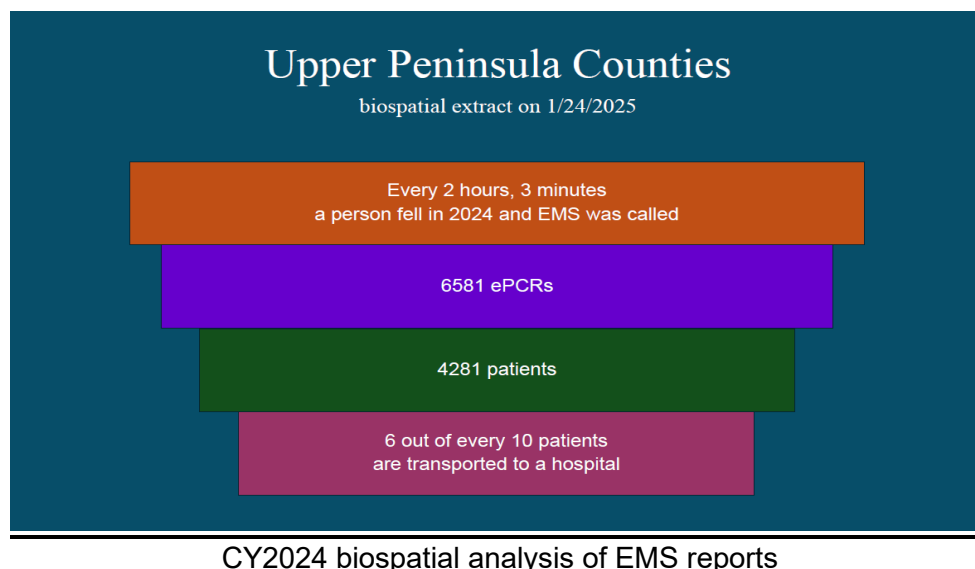
SP3: The regional IP committee will analyze the number and type of programs that directly address the top 3 injuries programs in their region as reported in the Inventory.

SP4: By December 31, 2024, each regional IP committee will identify and address gaps in their regional programs. IP plans will be updated. Progress on this objective will be reported on the Regional Trauma Coordinator's (RTC's) annual report.

SP9: Region 8 throughout this workplan 2024-2026, shall continue to work with the Michigan Department of Natural Resources Ride Right committee, which addresses our "other land transport" causes of injury.

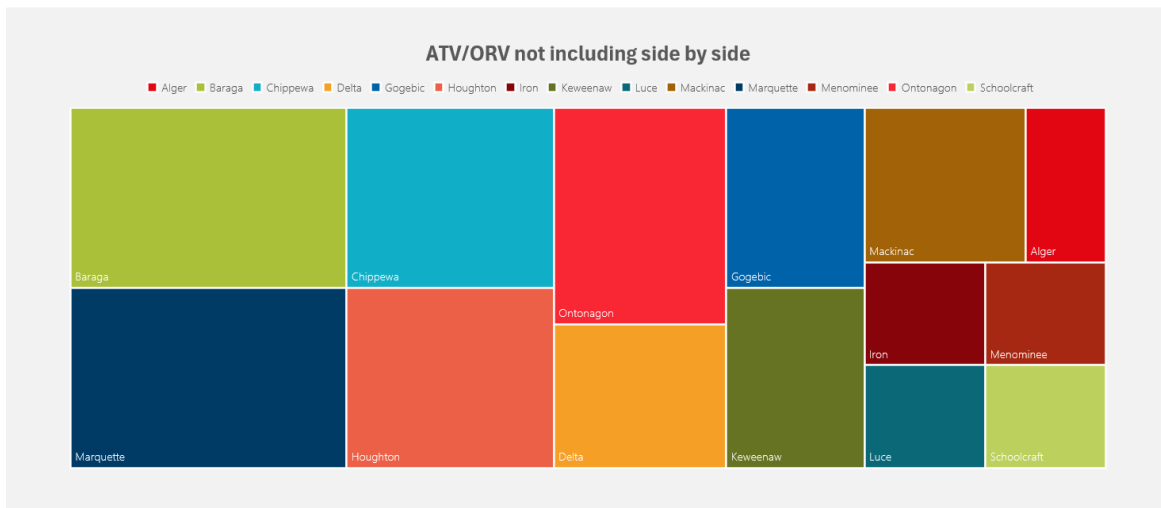
SP13: Region 8 will continue established relationships throughout workplan 2024-2026 with the Upper Peninsula Traffic Safety Network, Regional Healthcare Preparedness Coalition, Region 8 MCA Network, and MDNR Ride Right. By February 2024, the Region 8 Trauma Network will explore involvement in the Upper Peninsula Community Health Needs Assessment process conducted by all the Upper Peninsula local health departments.

The RTC has authored reports, assembled data and is preparing a draft of an updated Injury Prevention Plan for a workgroup of the RTAC. The February 2025 RTAC meeting was filled with injury prevention data on the top external cause codes (falls, motor vehicle crash/MVC, other land transport). The RTC sent heat maps to MCAs showing areas of increased falls with the intention that the MCA and the trauma program manager will collaborate. The RTC showed Numetric software that identifies areas of increased MVCs based upon law enforcement UD-10 crash reports with behavioral considerations and demographics. Hospital trauma programs could then reach out to local law enforcement on MVC injury prevention.

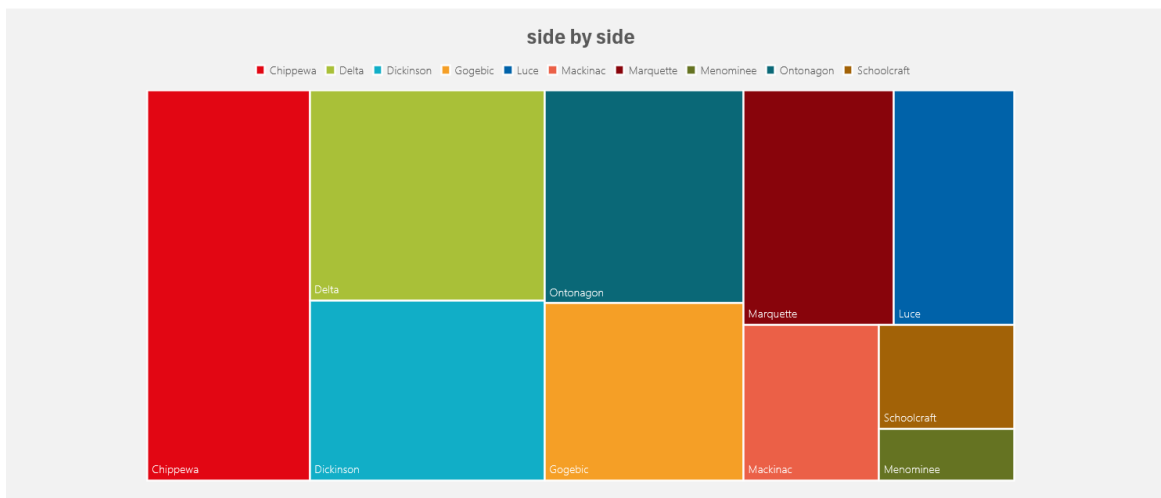


The RTC continues to attend Ride Right committee meetings and the UPHS Marquette Trauma Program Manager also guest attended the March meeting, plus the Central UP Snowmobile Club meeting. EMS agencies across the UP were encouraged to use “side by side” or “SXS” in their narratives so that type of ORV crash could be analyzed. There is no ICD-10 code for a side by side, and we recognize those lead the industry in sales, and they are constructed differently with different safety requirements of the occupants. The RTC extracted every EMS report narrative that could fall under the Other Land Transport category for the timeframe of April 1 through November 14, 2024. Statistics by type of vehicle and aggregate demographics were shared with the RTAC, Ride Right committee, and UP Homeland Security Board to inform prevention measures and collect their impressions.

Other Land Transport



biopspatial ePCR
4/1 – 11/14/2024
Extracted 2/5/2025



biopspatial ePCR
4/1 – 11/14/2024
Extracted 2/5/2025

The opposite Other Land Transport season to ATV/ORV crashes is snowmobile season. The Upper Peninsula is having record snows with numerous snowmobile crashes. We are now expanding the tracking of crashes using EMS patient care reports, the trauma registry, NOAA snow levels, and MDNR trail permits. The 2024-2025 calculations will occur in June after the trauma registry import quarter. The MDNR was able to fund gas pump toppers and nozzles, plus cooler door clings, with www.michigan.gov/RideRight messaging.

Extracted Pt Registry 12/26/2024; removed duplicates within a facility; if pt went to multiple facilities they are duplicated, MI Region 8 only

ICD-10 Snowmobile	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
A Iron River	0	4	4	5	1	1
A Ironwood	19	15	8	27	23	3
A Keweenaw	5	0	11	11	5	2
A Ontonagon	10	5	2	9	12	0
Baraga	2	5	3	2	2	0
Helen Newberry	22	15	8	15	9	2
MMC Dickinson	1	7	1	0	4	1
Munising	3	3	2	0	6	1
MMMC Sault	9	11	9	8	10	1
OSF Escanaba	0	0	0	1	0	0
Schoolcraft	2	0	2	6	3	1
UPHS Bell	0	1	1	0	1	1
UPHS Marquette	34	39	30	26	28	3
UPHS Portage	6	8	4	6	5	0
TOTAL	113	113	85	116	109	16

Communications

Objective: By April 2024, establish a procedure with Regional Preparedness for hospitals to notify the Region 8 Medical Coordination Center (R8MCC) should they experience a communications failure and place that information on EMResource.

Progress: This objective has been completed for months, but preparation for communications failure continues to occur through training. The RTC trained select BEPESOC staff and local health department emergency preparedness coordinators how to use tactical and call channels on the state trunked radio system.

Infrastructure

Objective: By February 2024, the RTN shall continue its request of Region 8 MCAs and hospital trauma programs to document their medical directors' collaboration by report at their respective meetings and evidence in their minutes

Progress: Three of the MCAs in the UP have forwarded CY2024 minutes to the RTC as evidence for this objective.

Objective: By September 2024, the RTN shall endorse the state approved trauma protocols.

Progress: The RTN and the MCAs across the UP adopted the state approved trauma protocols. Thereafter, at least one MCA changed items within trauma protocols, and these were approved by the QATF. The R8MCAN at its February meeting entertained regionalizing those protocols. The MCAs were requested to take the protocols back for local consideration and adoption and report out at the next R8MCAN and RTAC meeting.

Objective: Through Dec. 31, 2026, the Region 8 Preparedness Coordinator and Assistant Coordinator will be invited to participate in the RTAC by the RTN as ex officio, non- voting

members. The RTC shall continue to be a R8HCC member. Both organizations throughout the application period shall continue to keep each other informed of applicable tasks and duties. The RTC will continue to be a R8MCC member.

Progress: The RTC attended and worked the Cold Weather Mortuary Exercise held in Marquette for four days. The exercise included DMORT V, MIMORT, MITESA, FBI, Marquette County, UP health departments emergency preparedness coordinators, Marquette County Sheriff's Office, Northern Michigan University FROST program and students, University of Wisconsin students, NMU Police Services, Michigan and Wisconsin Salvation Army, National Ski Patrol, and BEPESOC. The R8 Healthcare Coalition offered a hybrid portal to a statewide pediatric exercise that was also attended by the RTC. A statewide patient surge exercise occurred and the RTC was involved as a R8MCC member.

Regional Performance Improvement

Objective: By October 2024, the RTC will work with the R8MCAN to ensure that EMS providers are educated regarding the 2022 National Trauma Triage Criteria and their respective EMS Trauma Triage Protocols with additional education on how to document in their patient care reports.

Progress: EMS providers were trained as were RTAC members on the ACS Trauma Triage criterion. However, there is a mishmash of ability to document these in EMS patient care reports. Some software vendors have not made the transition.

Objective: By December 2024, the hospitals shall review where they transfer patients, in-region and out-of-region, to ensure congruency with closest and most appropriate to determine if there are areas of opportunity for improving transfers.

Progress: A newly composed Patient Movement Workgroup met in March with anecdotal information shared, but no actionable data. The EMS and SOC Division sent the RTC results of a recent survey on interfacility transfers answered by a collection of people in R8. The RTC formatted the answers so they can be actionable by the workgroup. The workgroup also asked the RTC to create a survey on what tele-health service lines are available in each UP hospital. Completed. MCA members in the UP were assigned to contacting certain long distance EMS agencies on what their capacity and restrictions are to providing services in R8 when requested. The RTC agreed to author reports for interfacility analysis. The closest, most appropriate facility discussion has not occurred yet.

Trauma Education

Objective: The RTN shall continue to use its R8TRAUMA Facebook page to provide trauma education relevant to EMS personnel, nurses, physicians, registrars, injury prevention staff, and community members.

Progress: In this quarter, posts were on the following topics

- Falls – guidance for assisted living facilities
- Slips – weather related
- Thin ice safety
- Pelvic fractures and binders
- Move over laws
- Car seats
- Ride Right snowmobiling
- Snowmobile safety courses
- Trauma conferences
- Pediatric education hours
- National Registry test changes

Objective: By April 2025, establish public information and education components for the top three external cause codes that include the months for hospital trauma programs to distribute the information.

Progress: As described in Injury Prevention objectives, the RTC has been presenting data on the top 3 external cause codes in the Upper Peninsula and collecting thoughts from the variety of audiences. This has been assembled for the injury prevention workgroup to inform the RTAC on public information and education components.

Other relevant information:

The bystander care courses offered through R8 Trauma and materials funded by the Office of Highway Safety Planning are continuing to occur with another instructor course on slate. The OHSP has requested continued federal funding for this program. The Region 8 RTC supported the development of a Michigan Trauma System Data Dictionary.

Administrative Rule Requirements:

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|---|--|
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Quarterly meeting minutes on shared drive. |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | All MCA's participating in the RTN. (Dickinson County vacancy) |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Performance improvement ongoing. |