

# MICHIGAN REGIONAL TRAUMA REPORT

## 3rd QUARTER 2023

### 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	No	None
Aspirus Ironwood (extension for visit)	Yes	IV
Aspirus Keweenaw	No	None
Aspirus Ontonagon (extension for visit)	Yes	IV
Baraga Memorial	Yes	IV
Helen Newberry Joy	Yes	IV
Marshfield Dickinson (awaiting Designation Committee decision)	No	Provisional
MyMichigan Sault	Yes	III
Munising Memorial	No	Provisional
OSF St. Francis	Yes	IV
Schoolcraft	No	Provisional
UP Health System Bell	No	Provisional
UP Health System Marquette (not designated on ACS site, focus visit to occur)	Yes	II
UP Health System Portage	Yes	III

## Work Plan Objective Progress and Highlights:

*Complete sections that have progress within the quarter.*

### Injury Prevention

**Objective:** By December 2020, the RTN will have communicated to injury prevention stakeholders the Regional Injury Prevention Plan that addresses at a minimum, the trauma registry identified top 3 injuries in the region; program identification, reach, and impact. The RTN will request feedback by March 2021 from the stakeholders regarding overlap and gaps. The plan shall be reviewed annually by the RTAC and RTN.

**Progress:** Gaps have been reported with the Matter of Balance program, UP-wide during and post COVID. The region is heavily involved in the “other land transport” crashes through the Ride Right program and collecting statistics. The 2022-2023 snowmobile season stats were shared with the R8TN Board during its September meeting and will be shared with the RTAC, in-depth, during its October meeting. Regarding motor vehicle crashes, it is anticipated R8 Trauma will become more involved within the UP Rural Bystander Care Program initiated by the Office of Highway Safety Planning.

### Communications

**Objective:** Regional Healthcare Preparedness utilizes the Regional Trauma survey of hospital communication redundancies and Regional Trauma shall update the survey by January 2021.

**Progress:** As reported last quarter, the 2023 revision occurred, shared at April RTAC and placed in the drafted revision of the R8MCC Operations Guide. When a large Wisconsin health system that receives R8 transfers experienced a wide-sweeping cybersecurity breach, the RTC requested the TPMs keep her advised of any impact as we kept aware of our communication pathways. For approximately one week those impacted facilities were unable to accept patients from the Upper Peninsula, which meant transferring by ground or air even further. Additionally, a health system within the UP reported another telephone outage at one of their hospitals and clinics. The region anticipates instituting with Regional Preparedness a procedure for hospitals to notify the R8MCC when they have a communication outage. If they're unable to place this notification on EMResource, the R8MCC will for them.

**Objective:** By January 2021, hospitals and MCAs within Region 8 will be surveyed to determine the following: 1. How they inform the broad medical community about trauma. 2. Who they inform. 3. When they inform. 4. What information is included and disseminated. Survey information will be shared with the Regional Trauma Network. Regional Trauma shall continue to utilize its Facebook page throughout this three-year plan for topics such as injury prevention initiatives, educational notices, national literature, and publication sharing.

**Progress:** The survey was completed, and analysis indicated there was little to no information sharing with the broad medical community about local trauma centers and the same for internal hospital employees. The R8TN Board consented to an additional regional benchmark being that each hospital will at least once a year inform their own employees, the broad medical community (which may not be employed by the hospital), and community regarding their level of trauma center, what that means, and express how to contact the trauma program for any questions.

## Infrastructure

<b>Objective:</b> By December 2021, using available reports from biospatial and the Regional MCA Network, the RTN in collaboration with the Regional MCA Network will pilot a validation project focused on Field Triage, i.e., definitions, educational needs, data interpretation and action steps to address identified gaps with an expected 12-month completion date.
<b>Progress:</b> The MCAs with non-designated hospitals will received their Q3 trauma triage reports from biospatial via the RTC by mid-October.
<b>Objective:</b> Through December 2023, the Regional Trauma Coordinator will be the liaison to preparedness as evidenced by meeting participation and involvement as the Regional Medical Coordination Center member with subsequent updates at each RTAC and RTN meeting, inclusion in mass casualty planning, exercises, and real events.
<b>Progress:</b> As reported in Q2, the R8MCC refresher occurred and the RTC provided a draft edit of the R8MCC Operations Plan. A final Ops plan has not been shared. Regional Preparedness asked the R8TN Board about pediatric go-bags, mental health sensory bags, and any education needs. Members indicated that pediatric go-bags may be needed to hospital emergency departments and transporting EMS agencies. Mental health sensory bags need to have an EMS survey of who already has the equipment and be collaborative with the EMS for Children's (EMSC) program (Project Coordinator Dr. Mishra) that has the bags and training for EMS agencies. It was stated these bags may be very useful for emergency departments. Regarding education, that because of extensive and cumulative turnover starting prior to COVID, Regional Preparedness should shift to basic knowledge, foundational education with all partners. The RTC also shared with Preparedness that R8 has been deficient in nationally accepted active violence education such as Tactical Emergency Care Courses.
<b>Objective:</b> By June 2022, the RTN shall review the survey results and develop regional benchmarks that define the coordination of efforts (trauma medical director and MCA medical director) more formally.
<b>Progress:</b> The regional benchmark was issued last year. The RTC will be collecting CY2023 MCA meeting minutes next quarter.

## Regional Performance Improvement

<b>Objective:</b> Through December 2023, the RPSRO, working with the Region 8 MCA Network, will utilize data reports generated by the State of Michigan, ImageTrend®, and Biospatial to provide medical oversight of EMS trauma triage, communications, treatment, and transport of trauma patients.
<b>Progress:</b> Ongoing.

## Continuum of Care

<b>Objective:</b> By April 2021, the considerations for rehabilitation transfer shall be collected from the trauma program managers within the region for review by the RTAC.
<b>Progress:</b> Nothing on slate for this objective in Q3. In Q4, the RTAC will be viewing a list of rehabilitation facilities commonly utilized by R8 trauma patients.

## Trauma Education

**Objective:** The RTN will continue to inform of educational offerings through utilization of its Facebook page through 2023.

**Progress:** The RTC continues as a conduit for hospitals to inform of continuing education that is open to others. A fall ATLS course is scheduled at UPHS Marquette with the assistance of the Michigan Trauma Coalition.

## Other relevant information:

The R8TN Board held its annual meeting in September. They reviewed the current list of regionally imposed benchmarks and decided to continue: 120 minutes door to door for Level 1 Trauma Team Activations (audit filter for PIPS), collaboration between MCA MD and TMD evidenced by meeting minutes, a yearly requirement to increase awareness of hospital trauma program, and involvement in a snowmobile and ORV injury prevention project. The trauma region started by addressing snowmobiles and will be expanding to analysis of ORVs in 2024. The ORV season for statistical analysis was defined with the assistance of the MDNR and shall be April 1 – November 14 for the R8 project. The R8TN is issuing to the MCAs that they inform their EMS providers to please use “side by side” or “SXS” in the narratives of these type of ORV crashes. The ICD-10 codes do not differentiate this type of ORV that is leading the industry in sales, leading in registrations, and is increasingly on roadways in the state with the rest of the motoring public. Regional orientations and trauma program technical assistance continue to occur between TPMs, TMDs, and the RTC. The Aspirus Ironwood, OSF St. Francis, UPHS Marquette, and Helen Newberry Joy TMDs are new. The TPMs at Aspirus Ontonagon and UPHS Bell are new. The R8TN Board has two new members from Delta MCA and Eastern UP MCA.

## Administrative Rule Requirements:

- ☒ Yes ☐ No Quarterly meeting minutes on shared drive.
- ☒ Yes ☐ No All MCA's participating in the RTN.
- ☒ Yes ☐ No Performance improvement ongoing.