

# MICHIGAN REGIONAL TRAUMA REPORT

## 1st 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	Yes	IV
Aspirus Keweenaw	No	None
Aspirus Ontonagon	Yes	IV
Baraga Memorial	Yes	IV
Helen Newberry Joy	Yes	IV
Marshfield Dickinson	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	Yes	II
UP Health System Portage	Yes	III

## Work Plan Objective Progress and Highlights:

*Complete sections that have progress within the quarter.*

### Injury Prevention

<b>Objective:</b> By December 2020, the RTAC will update its injury prevention program database by means of the Regional Trauma Coordinator surveying regional injury prevention stakeholders including hospitals, senior provider networks, Medical Control Authorities, and others. The database shall contain program type, audience, locations, and contact persons.
<b>Progress:</b> Completed and for CY2023 the Injury Prevention Plan will be reviewed, and any revisions adopted.
<b>Objective:</b> 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.
<b>Progress:</b> Completed and will be reviewed and revisions adopted with publicly posting by July 2023.

### Communications

<b>Objective:</b> Ongoing through December 2023, Regional Trauma shall continue to review and support Regional Healthcare Preparedness Communications initiatives when they are brought to the RTAC and RTN. The Regional Trauma Coordinator (RTC) is to continue throughout this three-year workplan to be a Regional Preparedness board member representing Regional Trauma.
<b>Progress:</b> Completed and ongoing.
<b>Objective:</b> Regional Healthcare Preparedness utilizes the Regional Trauma survey of hospital communication redundancies and Regional Trauma shall update the survey by January 2021.
<b>Progress:</b> Completed at the beginning of the workplan and revised again February 2023. Will be distributed at the April 2023 RTAC meeting.

### Infrastructure

<b>Objective:</b> By February 2022, hospitals will participate in a survey regarding their written diversion plans and what types of incidents cause diversion, who has the authority enact the plan, what the plan contains regarding who is notified and how it is documented.
<b>Progress:</b> Diversion plans were requested. There has been discussion that hospitals do not divert if there is no other close facility.
<b>Objective:</b> By August 2022, the RTAC will review the findings and provide recommendation to the RTN of minimum standards to be included in hospital diversion plans.
<b>Progress:</b> Has not occurred.
<b>Objective:</b> By October 2021, the Regional Trauma Coordinator on behalf of the RTN will survey hospital trauma programs on how each facility conducts reviews of interfacility transfers.
<b>Progress:</b> Has not occurred.

<b>Objective:</b> By February 2022, the RTAC will receive the survey findings and recommendations from the RTN based upon information from the RPSRO, and they shall provide a regional interfacility transfer review procedure to the RTN.
<b>Progress:</b> Has not occurred.
<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> A trauma triage report from biospatial is utilized by the RPSRO to review patients being transported to the non-designated trauma centers. The MCAs that have the non-designated trauma centers have been advised of fields that must be documented for report efficacy. The RTC also provides education to EMS providers and MCAs on the trauma triage definition and the EMS patient care report fields that are required.
<b>Objective:</b> By June 2021, the RTN shall expand the current 24/7 medical specialties database to include information from each hospital on what facilities accept specialty populations.
<b>Progress:</b> Revised again February 2023.
<b>Objective:</b> By September 2021, the Regional Trauma Coordinator will share the database with the Regional MCA Network to inform their transfer agencies.
<b>Progress:</b> The RTC is a member of the RMCAN Patient Movement Ad Hoc Committee. The RTC has provided transfer data to the Ad Hoc group that reflects facility to facility transfers.
<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> The Region 8 Healthcare Preparedness Office has scheduled a R8MCC refresher in April for R8MCC members.

### Regional Performance Improvement

<b>Objective:</b> Through December 2023, the RTN and its RPSRO will utilize data reports generated by the State of Michigan, ImageTrend®, MTQIP, and RPSRO Inventory and individual hospital and EMS agencies to evaluate and improve regional trauma care and system performance.
<b>Progress:</b> New project in conjunction with Regional Healthcare Preparedness is patient movement to and from Wisconsin. RTC has provided aggregate data to this initiative.
<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> Awaiting project results from MPHl.

## Trauma Education

<b>Objective:</b> The RTN will continue to inform of educational offerings through utilization of its Facebook page through 2023.
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<b>Progress:</b> The RTC continually updates the R8TRAUMA Facebook page with education offerings.
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## Other relevant information:

Calendar year data on ICD-10 injury cause codes from 2019 through 2022 reflect that the Upper Peninsula's top 3 are falls/slips/trips, other land transport (snowmobile, 3-4 wheeler, dirt bike), and motor vehicle crashes. The RTC meets with the State of Michigan Ride Right committee every 3 weeks, year-around, to provide insight on the snowmobile and ORV crashes and messaging. The RTC was requested to read the draft University of Michigan Transportation Institute's UP Report of motor vehicle crash analysis. Increased time has been spent on reading NEMSIS, NTDS, ITDX, and biospatial definitions to find inconsistencies, gaps, and items that can be consistently measured. Additionally, reports for Level III and IV facilities have been drafted in Report Writer to use when completing PRQs. These are undergoing testing. The RTC and a small cadre of instructors have been offering Stop the Bleed courses. Stop the Bleed kits have been distributed to state parks in the UP and are currently being distributed to ice rinks and some tree companies. Two MSU medical students are engaged in a project to survey every school in the UP regarding Stop the Bleed training and equipment. Trauma program manager and medical director turnover continues with regional orientations offered.

## Administrative Rule Requirements:

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|---|---|
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Quarterly meeting minutes on shared drive. (cancelled – need virtual ability) |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | All MCA's participating in the RTN. (if the RTN were to meet in-person)       |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Performance improvement ongoing.  |