

MICHIGAN REGIONAL TRAUMA REPORT

3rd QUARTER 2024

Region 3

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
Hurley Medical Center	Yes	Adult I Peds II
MyMichigan Medical Center-Saginaw	Yes	Adult II
Ascension Genesys Medical Center	Yes	Adult II
Covenant Healthcare	Yes	Adult II Peds II
McLaren Lapeer Region	Yes	Adult II
MyMichigan Medical Center-Midland	Yes	Adult II
McLaren Bay Region	Yes	Adult III
McLaren Flint	Yes	Adult III
Ascension St. Joseph	Yes	Adult IV
Ascension Standish Hospital	Yes	Adult IV
Deckerville Community Hospital	Yes	Adult IV
Harbor Beach Community Hospital	Yes	Adult IV
Hills and Dales General Hospital	Yes	Adult IV
Marlette Regional Hospital	Yes	Adult IV
McKenzie Memorial Hospital	Yes	Adult IV
McLaren Caro Region	Yes	Adult IV

McLaren Thumb Region	Yes	Adult IV
MyMichigan Medical Center-West Branch	Yes	Adult IV
Scheurer Hospital	Yes	Adult IV
MyMichigan Medical Center-Gladwin	No	Provisional Adult IV

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

Complete sections that have progress within the quarter.

Injury Prevention

<p>Objective: 203.5</p> <p>By July 2025, the Region 3 Injury Prevention Subcommittee will establish goals and measurable objectives for coordinated injury prevention programs/activities within the region.</p>
<p>Progress:</p> <p>The Region 3 Injury Prevention Subcommittee along with regional partners placed a goal of making Stop The Bleed training available to primary schools in the region. The Injury Prevention/Trauma Center staff collaborated with local Emergency Managers, Fire Departments, Law Enforcement, Emergency Medical Services agencies to provide Stop The Bleed instruction/materials to a large number of schools, students and staff. Many of these trainings led to further communication and planning of the school's emergency preparedness plans.</p>
<p>Strategic Plan: SP1</p> <p>By January 1, 2024, Bi-annual surveillance reports from the Michigan Trauma Registry for the Regional Inventories will include, at a minimum, the top 3 causes of injury in each of the 8 Regions.</p>
<p>Progress:</p> <p>On-going, the Region 3 Inventory is reviewed by the RPSRO in its entirety. The top 3 causes of injury will be reviewed by the RTAC and the Region 3 Injury Prevention Subcommittee.</p>
<p>Strategic Plan: SP2</p> <p>By December 31, 2024, each Regional Trauma Advisory Council (RTAC) Injury Prevention (IP) committee will report on which injury prevention programs have been implemented in their region.</p>
<p>Progress:</p> <p>The Region 3 Injury Prevention Subcommittee will compile an annual report of the injury prevention programs completed within the region. It is the expectation that each trauma center will submit a list of the injury prevention activities/programs completed to the Injury Prevention Subcommittee Chairperson (or designee). The annual report will be presented to the RPSRO, RTAC and RTN at the October 2024 meeting.</p>

Infrastructure

Objective: 302.9

By January 2025, the Region 3 RTN will create a regional communication procedure for arranging trauma patient transfers including redundant backup procedures in the event of a communication system failure between sending and receiving

Progress:

The RTC invited the HCC Coordinator to present current HCC Medical Coordination Center Activation and Standard Operating Procedure including failed communication emergencies. The region will utilize the RTN communication template and integrate the activation of the HCC Medical Communication Center as a regional standard in the event of an MCI or multiple system communication failure. The HCC Coordinator and the RTC will be notified in the event these resources are requested or activated.

Objective: 302.1

By January 2025, The Region 3 RPSRO, RTAC and RTN will participate in the review of trauma related EMS protocols at least annually. Trauma Medical Directors will be encouraged to participate/communicate with local MCAs within the region providing medical oversight and evaluation of trauma related EMS care.

Progress:

The recently implemented 2023 State of Michigan EMS Protocols were reviewed and discussed at the RPSRO and RTAC quarterly meetings including the ACS National Guideline for the Field Triage of Injured patients and protocols related to trauma care/destination. MCAs were encouraged to communicate any potential trauma related supplemental protocols.

Regional Performance Improvement

Objective: 206.1

By January 2026, the Region 3 RPSRO will develop a formal policy regarding the content and frequency of routine and regularly scheduled reports to evaluate and improve regional trauma system performance and effectiveness. At a minimum the Region 3 RPSRO will review the regional inventory, MTQIP report and any regional RPSRO referral request.

Progress:

Ongoing, the Region 3 RPSRO reviews the regional inventory, MTQIP report and any RPSRO referral request. The inventory is now reviewed bi-annually and the MTQIP is reviewed annually.

Strategic Plan: SP 18

By December 31, 2025, conduct a STAC approved comprehensive system inventory in each region that informs the Regional Trauma Networks on system functioning and continue dialogue with the regions to ensure the inventory meets state-wide analysis needs.

Progress:

On-going, the Region 3 RPSRO reviews and approves the regional inventory bi-annually. completed by the RTC.

Regional Performance Improvement cont.

Objective 303.4

By January 2025, the Region 3 RPSRO/RTN and Trauma Triage/Destination Subcommittee will collaborate to provide a resource document giving guidance on what trauma center resources are available within the region. Guidance will be given based on the patient's injury; what facility level is most appropriate.

Progress:

The trauma center resource document is in progress identifying which facilities are State of Michigan designated Trauma Centers and at which Level. The document integrates the ACS *National Guidelines for the Field Triage of Injured Patients*.

Additionally, this resource document will identify subspecialty services such as pediatrics, burn surge and centers capable of managing mangled/amputated extremities.

Continuum of Care

Objective: 308.1

By April 2024, the Region 3 RTN will include trauma rehabilitation shareholders within the region to be integrated into the RTAC.

Progress:

The RTN has recently recruited regional trauma rehabilitation partners willing to participate in the RTAC as content experts regarding rehabilitation. As the regional trauma system continues to mature, it recognizes the continuum of care and functional outcome data as an important measurement of trauma system performance.

Trauma Education

Objective: 310.(3)(4)(6)

By October 2024. The Region 3 Trauma Education Subcommittee will develop regional trauma training standards for EMS personnel, nurses, and physicians such as ATLS, PHTLS and TNCC or equivalent. Specialty trauma certification course offerings will be shared with regional trauma partners.

Progress:

The Region 3 Trauma Education Subcommittee has developed recommend trauma related education for multidisciplinary peers that includes EMS, nursing, and physicians. The subcommittee reports out local educational offerings to regional partners. The Region 3 Trauma Education Subcommittee also hosts an annual trauma symposium consisting of multidisciplinary speakers to provide innovative trauma related education to regional partners.

Other relevant information:

The region has been challenged with two major health systems that fell victim to cyber-attacks. These cyber-attacks affected the ability of trauma centers to function adequately with the inability to access patient's medical records as well as remote radiology services to provide imaging interpretations. This led to extended diversion time of a State of Michigan designated Level II and a Level III trauma center in both Saginaw and Flint. Regional EMS agencies were made aware of the diversions transporting trauma patients to the next closest appropriate trauma centers. The Region 3 RPSRO will review the upcoming inventories to understand if these events impacted regional performance measures such as ED dwell times and double transfers etc.

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.