

# MICHIGAN REGIONAL TRAUMA REPORT

## 2nd QUARTER 2024

### Region 2S

**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
Ascension St. John's Adult Medical Center	Yes	I
Ascension St. John's Pediatric Medical Center	Yes	II
Corewell Health Dearborn Hospital	Yes	II
Corewell Health Grosse Pointe Hospital	Yes	III
Corewell Health Taylor Hospital	Yes	IV
Corewell Health Trenton Hospital	Yes	II
Corewell Health Wayne Hospital	Yes	III
Children's Hospital of Michigan	Yes	I
C.S Mott Children's Hospital	Yes	I
Detroit Receiving Hospital	Yes	I
Garden City Hospital	No: Site visit 6/17/24	Not provisional
Henry Ford Hospital	Yes	I
Henry Ford Wyandotte Hospital	Yes	III
Michigan Medicine Medical Center	Yes	I
ProMedica Monroe Regional Hospital	Yes	III
Sinai-Grace Hospital	Yes	II

Trinity Health Ann Arbor St. Joseph	Yes	I
Trinity Health Chelsea Hospital	Yes	IV
Trinity Health St. Mary's Mercy Hospital of Livonia	Yes	II

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

*Complete sections that have progress within the quarter.*

### Injury Prevention

<b>Objective:</b> By Dec. 31, 2026, the RTN will monitor and evaluate injury prevention (IP) programs through annual analysis of regional injury pattern data from the trauma registry to develop coordinated and targeted injury prevention offerings.
<b>Progress:</b> Region 2 South resource guide is being updated with IP programs and to review for redundancies of programs.
<b>Objective:</b> Throughout the application period 2024-2026 Region 2 South Network partners will focus on utilizing evidenced based injury prevention programs for the injury prevention initiatives chosen for regional participation.
<b>Progress:</b> The new R2S resource guide has been updated , sent out to IP specialist for final review. IP activities report developed for pediatric, adult PRO template to track activities quarterly.

### Communications

<b>Objective:</b> 302.10 , 302.9: Throughout RTN and Region 2 South Healthcare Coalition effectively coordinated with the overall regional response plan during the pandemic.
<b>Progress:</b> All communication objectives have been met. NFL draft was held in Detroit on Aril 25 <sup>th</sup> -27 <sup>th</sup> was effectively coordinated with all involved i.e. Detroit Fire, DEMCA , Region 2 South health care coalition, Detroit Police, federal agencies, and NFL medical team. The WHOA platform used for communication primarily at the event. Collaboration with regional partners was effective. This objective will be on going.

## Infrastructure

<b>Objective:</b> The incident management and trauma systems have formal established linkages for system integration and operational management. This is directed at the Trauma Network's collaboration/integration with the Regional Healthcare Coalition including planning, and participation in exercises.
<b>Progress:</b> Liaison (TC) will attend R2S healthcare coalition to report to RTAC meeting participants. An exercise (Cobalt) has been planned for March 2025. All Region 2 South hospitals are requesting to participate in the exercise. The RTN and Region 2 South Healthcare Coalition works with collaboration/integration in overall regional response plan.
<b>Objective:</b> The regional trauma network plan should ensure that the number, levels, and distribution of trauma facilities are communicated to all partners and stakeholders. The RTN should develop procedures to ensure that trauma patients are transported to an appropriate facility that is prepared to provide care. This indicator is directed at the process for diversion of a trauma patient from a hospital.
<b>Progress:</b> There are no diversions in the R2S (exception may be an unforeseen incident). A diversion log has been developed to track on a quarterly basis for 2024. Ascension St. John went on diversion May 8 <sup>th</sup> at 7am for STEMI/ Stroke due to cyber-attack. On May 10 <sup>th</sup> is excepting Stroke patients but continues to be on diversion for STEMI. <b>Progress:</b> Exercise (Cobalt) in March 2025 to involve facilities in the region this exercise is led by the Region 2 South Healthcare Coalition. Region 2 South trauma, FEMA, Canadian border agencies, State Police, emergency management, EMS, Ohio, and other agencies from across the state will be involved. MOI's within the region are reviewed at Education trauma subcommittee.

## Regional Performance Improvement

<b>Objective:</b> Collected data from a variety of sources are used to review the appropriateness of all-inclusive regional trauma performance standards from injury prevention through rehabilitation. This should focus on the development of a regional performance improvement process. Data is used to guide strategic plan initiatives, injury prevention projects, and regional workplans, gaps including quality, accuracy and completeness are addressed.
<b>Progress:</b> The Inventory Report will provide MOI's for injury prevention on a semi-annual basis. Stephanie Bliss the SOC Section Epidemiologist will present data that was requested by R2S for March 15 <sup>th</sup> data committee including two years of TXA use data, She will also present data from 2011-2023 on mortality, age of injury, MOI, disposition, SSI scores, and changes in incidents during that period. The request is from Dr. Klausner and Dr. Lamb and will be presented to the trauma subcommittee. The IP committee is looking at the three top MOI's in the region.

## Continuum of Care

**Objective(s) for above indicator 308.1:** By Dec 31, 2029, develop with input from rehabilitation partners, metrics that capture and report functional outcomes.

March 2024, the RTN will obtain a list of the rehabilitation facilities within region 2 South and identify each as one of the following: acute inpatient rehabilitation, subacute rehabilitation (SAR), nursing home with rehab capabilities, nursing home, inpatient hospice unit, TBI rehabilitation unit, spinal rehabilitation unit, burn rehabilitation unit, or pediatric rehabilitation unit. Throughout the Jan 2024-2026 application the rehabilitation list will be shared annually with trauma facilities in the region.

**Progress:** Regional Rehab facilities currently being updated by RTC.

## Trauma Education

**Objective:** As new protocols and treatment approaches are instituted within the regional trauma system, structured processes are in place to inform or educate all personnel of those changes in a timely manner

**Progress:** The RPSRO committee will inform the trauma system of new protocols. New protocols will be added in the monthly newsletter as well.

**Progress:** January 2025, Region 2 South education materials will be reviewed by the Injury Prevention Subcommittee on an annual basis to ensure relevance to top MOI's and that information reflects the best available evidence. New ACS standards are being reviewed to incorporate into R2S education plan. Education plan has been updated Feb 2024.

## Other relevant information:

Region 2 South Healthcare Coalition with collaboration with other regional partners provided care to injured or sick patient at the NFL draft. Attendance at the three-day event was 775,000. It was the most attended Draft in history. Facilities in the region opened incident command due to potential mass causality incident. Detroit Receiving set up the decontamination tent for preparedness for influx of victims. After action report will be provided for R2S.

Ascension St. John's remain on diversion for STEMI since May 8<sup>th</sup> accepting all other patient. They will accept all trauma patients. Ascension has been using downtime paper charting at this time. Unknown date when fully functional. Ascension will keep R2S aware of situation.

Regional Performance Improvement continues to monitor tourniquet data, TXA and double transfers.

Denise Kapnick RN Region 2 South Trauma Coordinator May 15<sup>th</sup>, 2024.

One TXA was used in the 2<sup>nd</sup> quarter.

Tourniquets were used a total of 39 times for 1<sup>st</sup> and 2<sup>nd</sup> quarter.

There was no double transfer for 2nd quarter.

**Administrative Rule Requirements:**

☐Yes ☒ No      Quarterly meeting minutes on shared drive. (In process)

☒Yes ☐ No      All MCA's participating in the RTN.

☒Yes ☐ No      Performance improvement ongoing.