



October 2023

Region 8 Trauma Advisory Committee

Agenda



Call to Order



**Introductions and
Attendance**



**Meeting Agenda –
October 11, 2023**



**Meeting Minutes –
August 9, 2023**



Public Comment



State Updates

Gary Wadaga, EMSCC
Lyn Nelson,
STAC and 3rd Quarter
Report

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.

Michigan.gov/traumasystem > Trauma > Regional Trauma Networks > Region 8



New Business



2022 – 2023
SNOWMOBILE



REGIONAL PROJECTS
& BENCHMARKS



2022 – 2023 Snowmobile Season

Region 8 Trauma

Three Upper Peninsula Studies

1. All Snowmobile Crash Patients

from Emergency Department spreadsheets

2. Trauma Patient Registry Crash Patients

in Michigan Patient Registry

3. All Snowmobile EMS Patient Care Reports

from MI-EMSIS with biospatial reporting

Law Enforcement Crash Reports

UD-10s using Numetrics queried – not complete, roadways

The background of the slide is a blue-tinted photograph of a snowy winter landscape. In the foreground, there are evergreen trees covered in snow. In the middle ground, a person wearing a white winter hat and a dark jacket is walking through the snow. The sky is a pale, overcast blue. The overall scene is serene and wintry.

All Snowmobile Crash Patients

from Emergency Department spreadsheets

participating UP Hospitals

(Munising Memorial did not submit, which is substantial as they are a snowmobiling destination)

Aspirus Iron River

Aspirus Ironwood

Aspirus Keweenaw

Aspirus Ontonagon

Baraga Memorial

Helen Newberry Joy

Marshfield Dickinson

MyMichigan Sault

OSF St. Francis

Schoolcraft

UPHS Bell

UPHS Marquette

UPHS Portage

DATES

December 1, 2022 through March 31, 2023

INCLUDED

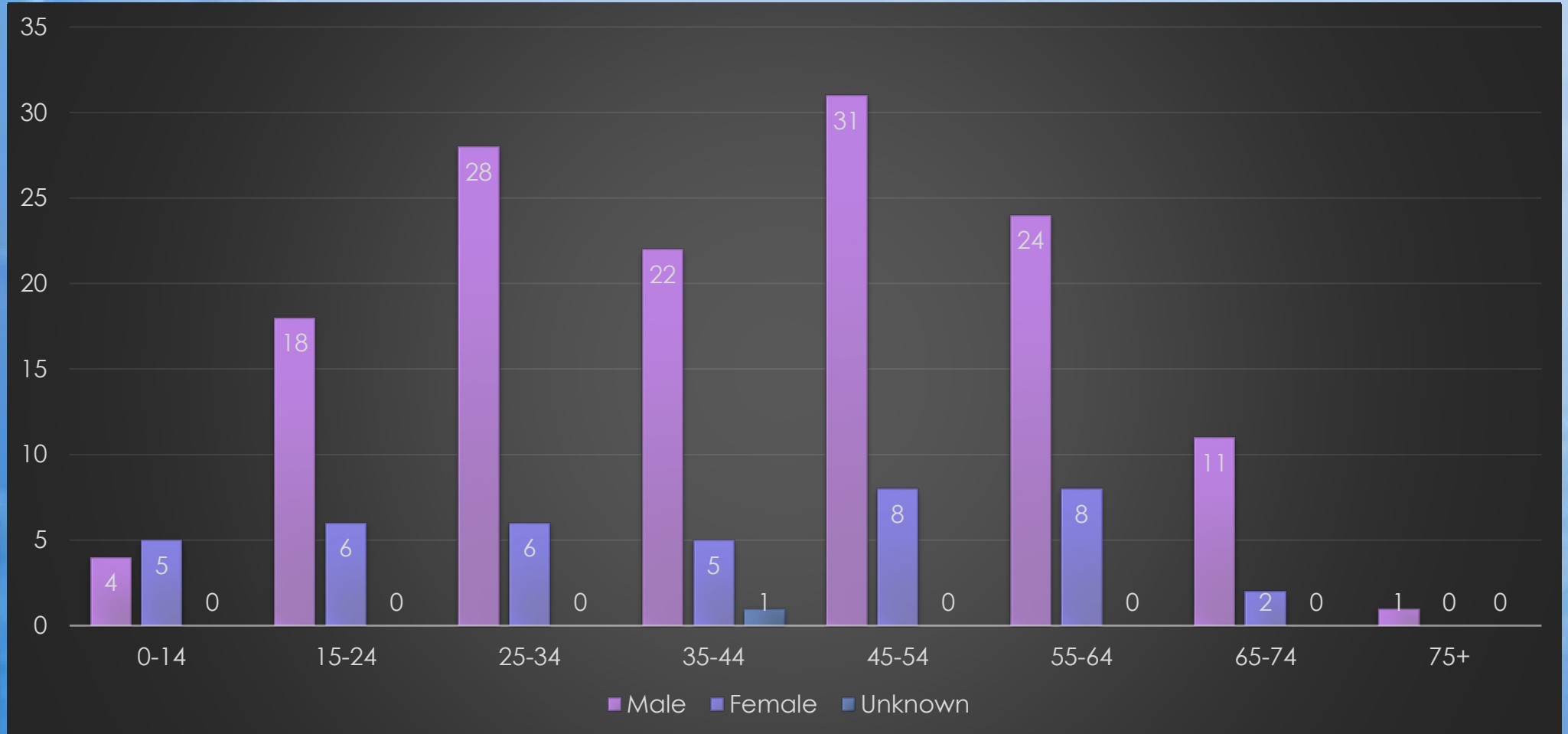
All injured patients reportedly from a snowmobile crash and either presented by personal vehicle to the emergency department or were delivered by EMS

EXCLUDED

Organized snowmobile races

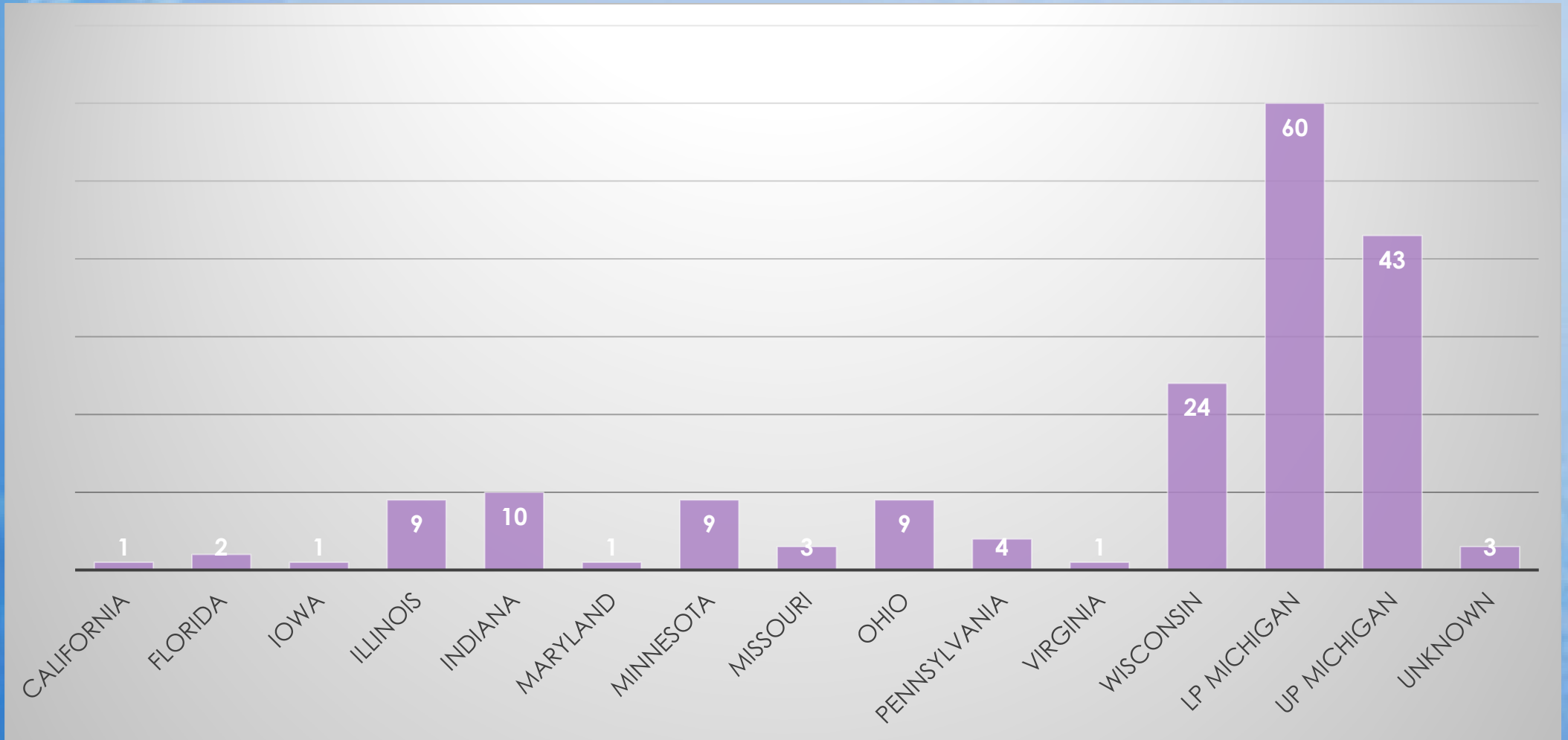
1. All Snowmobile Crash Patients

Individual Patient ages and genders



1. All Snowmobile Crash Patients

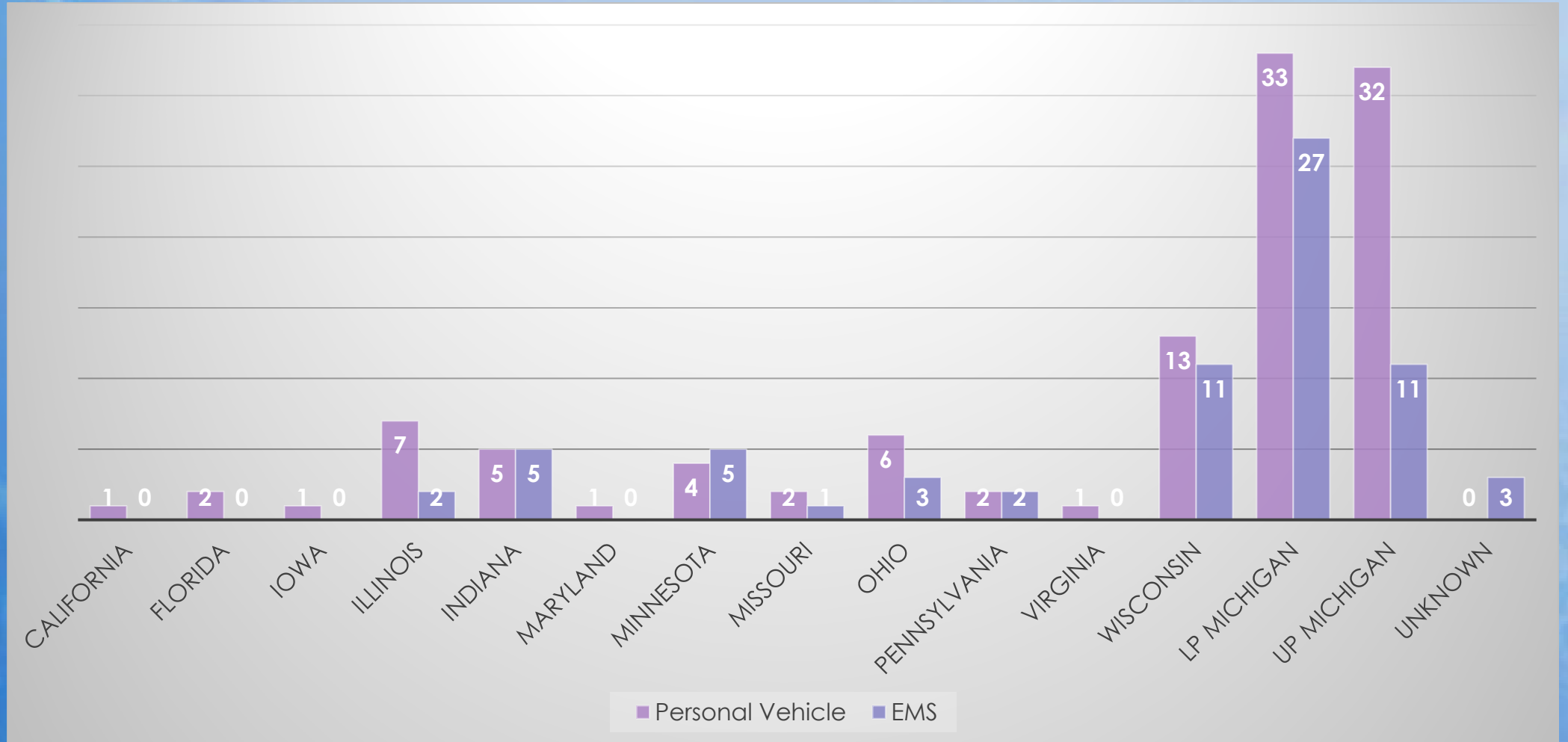
Individual Patients *home state*



1. All Snowmobile Crash Patients

Individual Patients

home state and method of arrival



Total Patients Seen at Each Hospital

(6 are duplicates)

UPHS Marquette	42
Helen Newberry Joy	34
Aspirus Ironwood	22
UPHS Portage	21
Aspirus Ontonagon	17
Aspirus Iron River	10
Aspirus Keweenaw	9

Marshfield Dickinson	9
Schoolcraft	8
MyMichigan Sault	7
Baraga	4
UPHS Bell	3
OSF St. Francis	0

MyMichigan Sault audited files and did find more after completion of study.



Trauma Patient Registry

from Michigan Patient Registry

2. Trauma Inclusion Crash Patients

participating UP Hospitals

Aspirus Iron River

Aspirus Ironwood

Aspirus Keweenaw

Aspirus Ontonagon

Baraga Memorial

Helen Newberry Joy

Marshfield Dickinson

Munising Memorial

MyMichigan Sault

OSF St. Francis

Schoolcraft

UPHS Bell

UPHS Marquette

UPHS Portage

DATES

December 1, 2022 through March 31, 2023

INCLUDED

Patients matching external cause codes: V86.02, V86.12, V86.22, V86.32, V86.42, V86.52, V86.62, V86.72, V86.92

2. Trauma Patient Registry


R8 Hospital Snowmobile Patients - December 1, 2022 through March 31, 2023

Hospital spreadsheets kept to identify the impact of all snowmobile crash patients, not just those placed in Registry.

Individual people by facility –

no duplicates within the facility row

Hospital Name	Spreadsheet	Patient Registry	% in Registry
AIR	10	1	10%
AIW	22	19	86%
AKH	9	5	56%
AOH	17	12	71%
BCMh	4	3	75%
HNJH	34	9	26%
MMC Dickinson	9	4	44%
MMMCS	7	10	143% spreadsheet missing 3 from January, provided update to RTC after analysis
Schoolcraft	8	3	38%
UPHS Marquette	42	27	64%
UPHS PORTAGE	21	5	24%
UPHS-Bell	3	1	33%
Grand Total	186		
Munising Memorial		6	did not submit
Grand Total	186	105	56%



Snowmobile Crash EMS Patient Care Reports

from MI-EMSIS via biospatial

DATES

December 1, 2022 through March 31, 2023

INCLUDED

Incidents occurring in 15 UP counties, all patients in MI-EMSSIS with “snowmobile” in the narrative and upon reading was a snowmobile crash

EXCLUDED

Organized snowmobile races, canceled calls, no crash found

Selection for analysis:

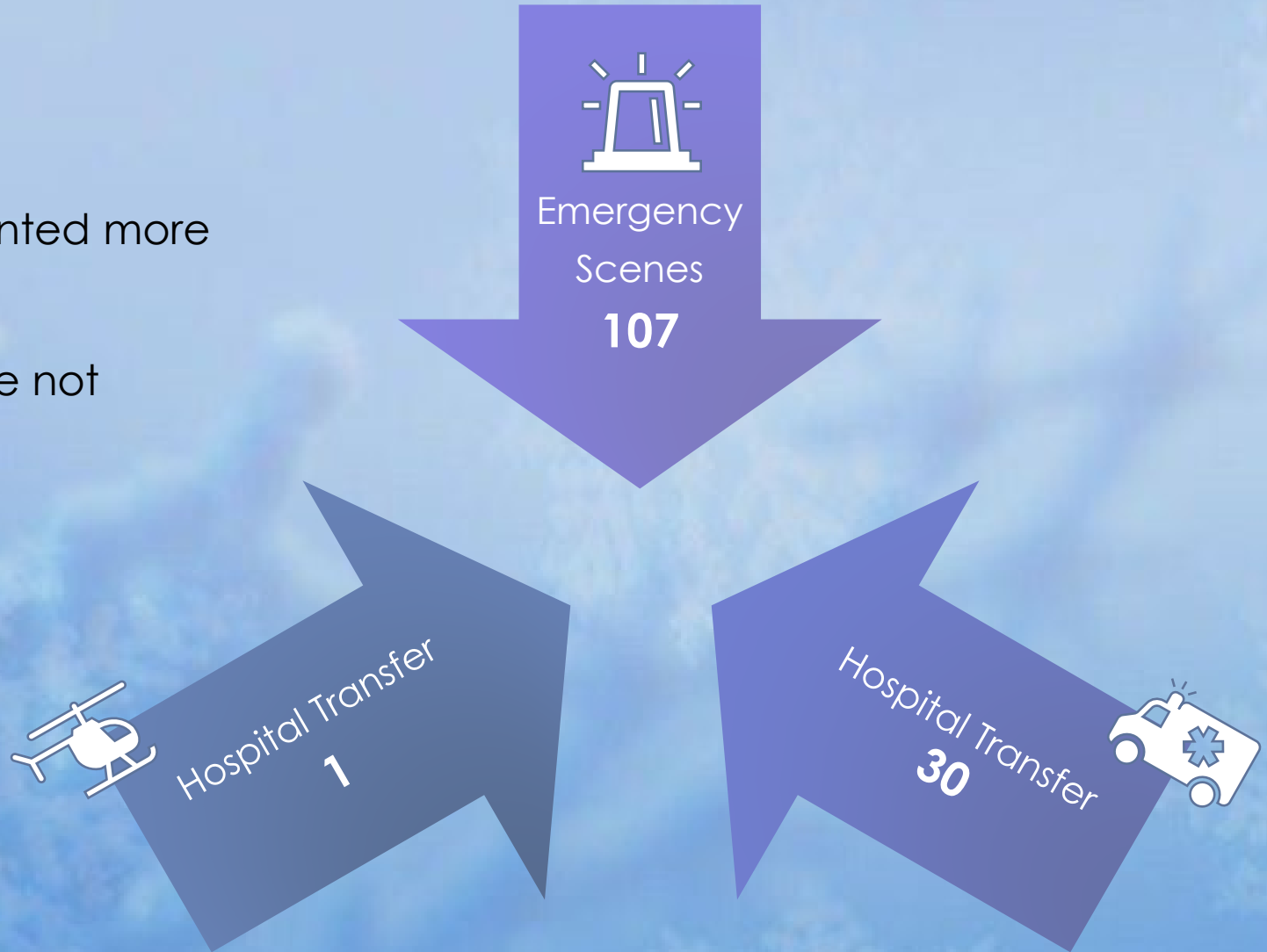
- › 15 UP Counties for incident occurrence
- › December 1, 2022 – March 31, 2023
- › “snowmobile” in narrative
- › Read narratives to ensure snowmobile crash

Use of EMS

Incidents

One person could be counted more than once

Out of state air services are not reflected



Top Ranking Volume of Snowmobile Calls

Alger	24
Aspirus	19
Beacon Ambulance Service Inc	15
SONCO Ambulance Inc	15

24 EMS agencies total

Are MCA monitoring MFR agencies to ensure reports are written?

Next Steps:

Share findings with Ride Right Committee

Prepare to document 2023-2024 season

Promote injury prevention messages released by committee

Regional Projects and Benchmarks

Snowmobile Project

- ◇ Spreadsheets December 1 – March 31
- ◇ Addition of date/time arrive ED
- ◇ Audit for equal or more on spreadsheet than Registry
- ◇ Ensure Registry includes transfers
- ◇ EMS requested to use **snowmobile** in their narratives

ORV Project

- ◇ EMS requested to use **side by side or SXS** in their narratives

Transfer timeliness

- ◇ 120 minutes Level 1 TTA
- ◇ Audit filter, compile reasons and be ready to report

Collaboration of medical directors

- ◇ Trauma program and MCA meeting minutes
- ◇ New protocols
 - Trauma Triage! Does it align with Trauma Team Activation Criteria?
 - Training for EMS and hospital providers

Informing the employees, broad medical community, and community of trauma center once a year in addition to how to contact program

- ◇ Toolkit

ORV Project

April 1 – November 14

Patient Registry
EMS Records

Next step:
documentation



ICD-10 codes do not specify these types of ORVs!

The Region 8 Trauma Network wants to track and trend ORV crashes, just like we do with snowmobiles. Both of these other land transport types of crashes with critically injured patients rival the number of severely injured in motor vehicle crashes.

In your EMS patient care report narratives, please use:

side by side or SXS

This will allow us to keyword search your narratives. The Regional Trauma Coordinator will provide aggregate analysis to the Region 8 Trauma Network and the State of Michigan Ride Right Committee.

Questions? NelsonL7@michigan.gov

RIDE
RIGHT





**WE DIDN'T DO IT
FOR THE
RECOGNITION.**

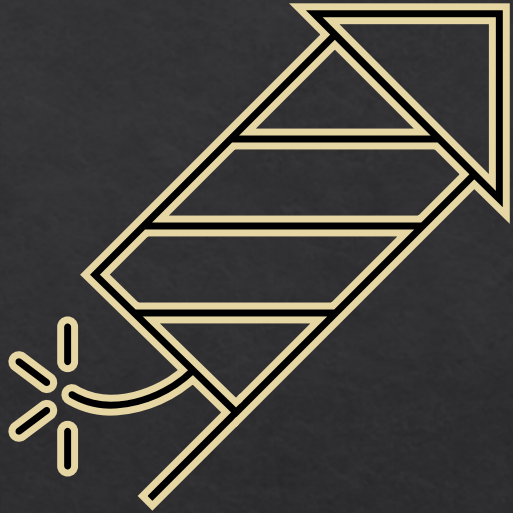
WE DID IT FOR YOU.

A Level III Trauma Center in the Western Upper Peninsula.

UP HEALTH SYSTEM
PORTAGE

UPHEALTHSYSTEM.COM





Old Business

Regional Workplan

Workplan Changes

- ◇ The RTN met and approved the work of the RTAC.
- ◇ The Department modified some language with the most impactful being the Regional Preparedness staff needs to be non-voting or adjust and become members as EMS / nurses. The rules specify who can be on the RTAC.
- ◇ The Department brought the plan to the STAC. Approved.
- ◇ The Department creates edits and shares back to the Region.
- ◇ The RTC gathers the RTN signatures.
- ◇ The EMSCC approves.

Workplan objectives – next on slate

◆ RTN is active within the region in the monitoring and evaluation of regional injury prevention activities...

RTC will reach out to UPCAP regarding Matter of Balance and ask about partnering with Regional Trauma on monitoring and evaluation of program.

◆ Support ongoing, effective collaborations and integration of existing community health programs and injury prevention...

RTC will bring together local health departments, community health workers, and hospital trauma program injury preventionists for introductions and awareness.

Reports



**INJURY
PREVENTION**



COMMUNICATIONS



INFRASTRUCTURE



REGIONAL PI



CONTINUUM



EDUCATION



buzzed
driving is
drunk
driving

designate a sober driver



NHTSA

Patient Registry Fields

Based on the 2023 and the 2024 National Trauma Data Standards Data Dictionaries, it is very important for the inter-facility transfer tracking report to ensure completeness and accuracy of these fields:

Transport mode

Other transport mode

Inter-facility transfer

ED discharge disposition

Hospital discharge disposition (if applicable)

Additional points to collect

Hospitals using ImageTrend Patient Registry have these additional fields – sample:

Length of Stay in ED (Physical D/C): 0 Day(s) 5 Hour(s) 6 Min(s)

ED Disposition: Transferred to another hospital *

Hospital Transferred To: Other...

Facility: St Vincent

City: Green Bay

State: Wisconsin

Transport Mode: Ambulance

Transfer Delay: Yes

Reason for Transfer Delay:

- Other
- EMS Issue
- Receiving Facility Issue
- Referring Physician Decision Making
- Referring Hospital Issue-Radiology

Other Reason for Transfer Delay: bed availability

State of Michigan
Trauma Registry
Educational Session &
Office Hours
Save The Date

Date/Time: October 19, 2023 @ 10am

Intended Audience: Trauma Registrars,
Trauma Data Coordinators & Trauma
Registry Users

Topics: Review Inclusion Criteria,
Review 2024 Data Dictionary & Change
Log, AIS15 Transition, and ImageTrend®
Report Writer Demo

Where: Session/Office Hours via
Microsoft Teams (meeting information
below)

Contact Info:

statetraumaregistrar@michigan.gov





Trauma Program PI – identify, action, track, trend

Monthly Log in Excel – r8mcan.org

Identify, cursory review, what are the next steps?
What should move to 3rd level being peer review?

Check out this article from Trauma System News.

MCA PSROs could...

Work together with trauma programs to identify issues. Use reports to identify, track and trend.

Use the Advanced Search Dashboard to create a report for patients meeting trauma triage criteria by selecting those filters, your timeframe, emergency response type of service. Evaluate the tables and the records.

- Times.
- Destination choice.
- Provider impressions, care rendered.

Create reports for procedures, medications, National EMS Quality Alliance measures, etc.

Agenda



Member Announcements



Public Comment



Adjournment



Michigan Region 8 Trauma Network

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