



# Wisconsin Trauma Registry Updates and Statistics

In support of the Wisconsin  
Trauma Care Program

In this edition:



THE WISCONSIN TRAUMA PATIENT



IMPROVEMENT INITIATIVES



REGISTRY UPDATES



EDUCATIONAL OPPORTUNITIES

**Department of Health Services**

**Division of Public Health**

Office of Health Informatics

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P-02087-17 (01/2018)



# THE WISCONSIN TRAUMA PATIENT



Analyses include patients discharged between January 1 and June 30, 2017.

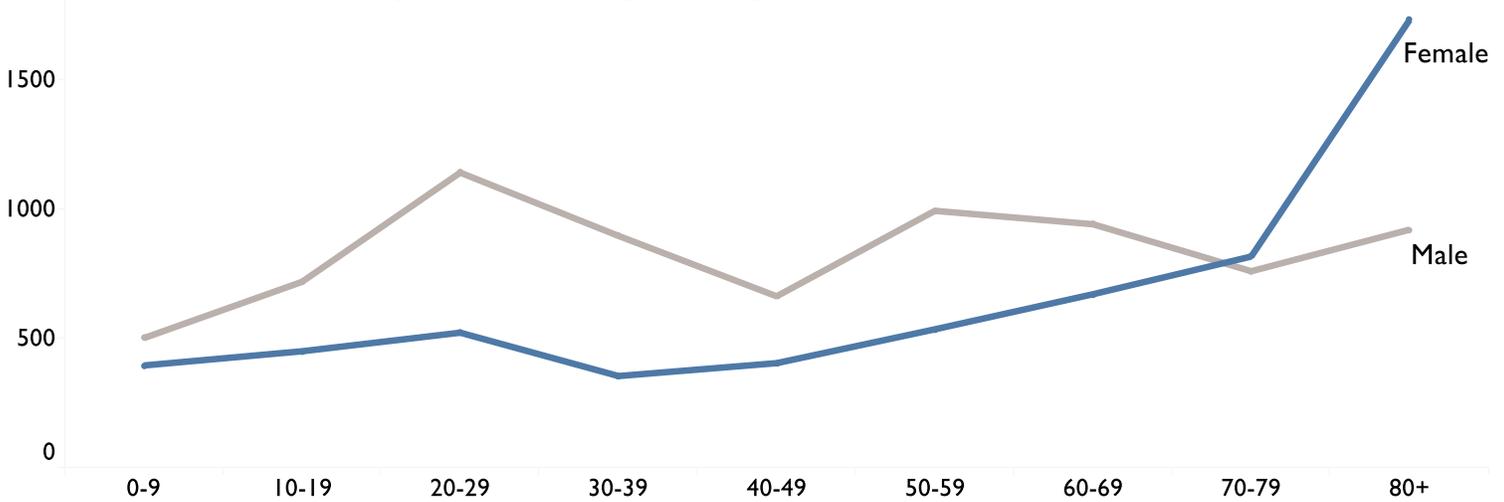
## Patient Sex



## SPOTLIGHT

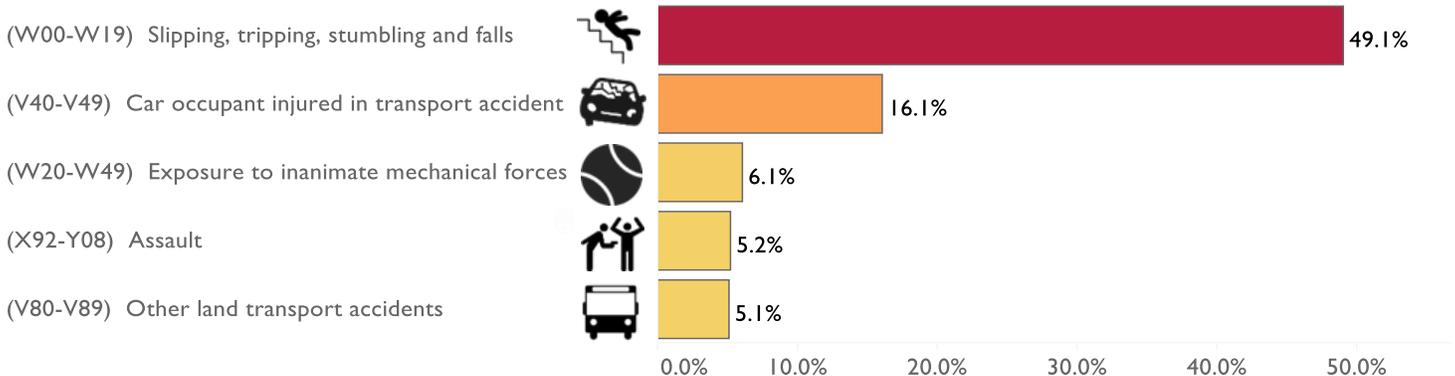
- 16,131 TRAUMA RECORDS
- 13,443 TRAUMA PATIENTS
- 7.03 AVERAGE INJURY SEVERITY SCORE
- 92% BLUNT TRAUMA

## Volume of Patients by Sex and Age Range



## Top Five Injury Mechanisms

The most common ICD-10 injury category was W00-W19: Slipping, Tripping, Stumbling, and Falls





# IMPROVEMENT INITIATIVES



## Registry Improvement Initiative: Timeliness

Wisconsin's path to 80% of records submitted within 60 days of discharge-Orange Book Standard

The data quality improvement priority for 2018 will be timeliness of record submission to the Wisconsin Trauma Registry. To ensure improved timeliness in trauma record submission, standardized trainings will be available online to address the following topics:

- \* Data Entry and System Introduction
- \* The Report Writer Application
- \* The Data Exchange

## Timeliness Goal

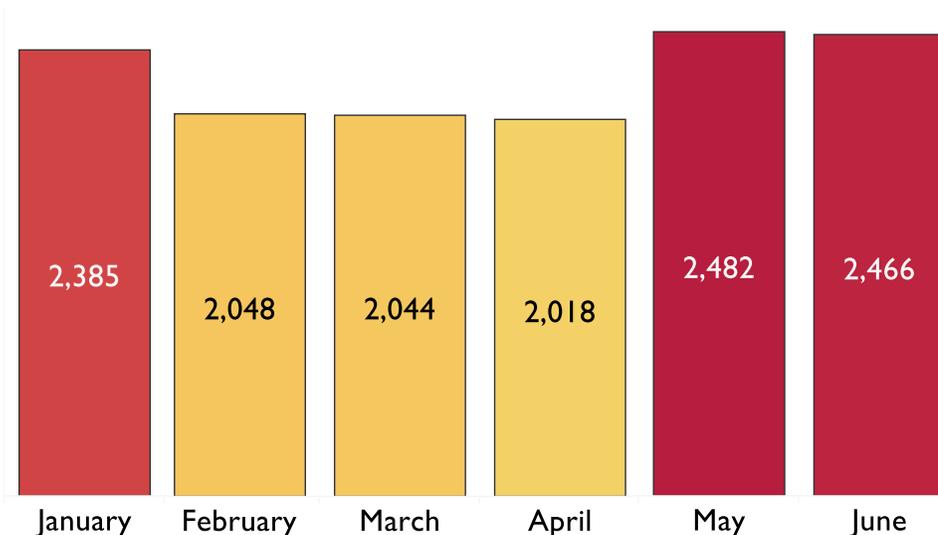
Wisconsin trauma care facilities submitted 46% of trauma records within 60 days of patient discharge for Q1 and Q2. The goal is to reach 70% of trauma records submitted within 60 days of patient discharge by the end of 2018, with complete compliance achieved by 2020.

Description	Projected Annual Improvements			
	Current	2018	2019	2020
Percentage of cases in registry within 60 days of patient discharge.	46%	70%	75%	80%

## Patient Volume by Month

May and June had the highest volume of injured patients.

⚠ Consider dedicating additional time or personnel for Q1 and Q2 trauma registry data entry during these months to improve submission timeliness.



## CURRENT

50

Average minutes to complete a case

2.26

Average number of errors per case



## '18 GOAL

45

Average minutes to complete a case

2.00

Average number of errors per case



## USER BASE

166

Registry staff entering cases directly

107

Facilities utilizing the ImageTrend registry

19

Facilities utilizing a third-party vendor





## New Reports Available

### Injuries by ICD-10 Mechanism Category: “Facility” Report Folder

This report shows the 20 most common mechanisms of injury by ICD-10 categories. This report shows a slightly higher level of grouping than previously available. For example, all injuries with a mechanism of “Assault” are found in a single category as opposed to the individual ICD-10 codes.

### Undertriage Rate (ISS > 15 with no Level 1 TTA): “Benchmarking Reports” Folder

This report allows you to benchmark regional data against state data. Specifically, this report shows the rate of major trauma patients (ISS > 15) with no Level 1 trauma team activation. The American College of Surgeons suggests 5% undertriage as best practice.

## Frequently Asked Questions

### I forgot my password, now what?

Passwords can be reset at any time by using the “Forgot your password?” link provided on the login screen. After providing the email address listed in your account information, you will receive a temporary password via email. Passwords will lock after 10 unsuccessful attempts or 100 consecutive days without login.

### Can I delete records?

Users with hospital administrator permissions have the ability to delete cases within the trauma registry. To delete a case: **1)** Enter the case, **2)** Navigate to the wrench icon located on the right side of the page, **3)** Select delete incident, **4)** Provide a justification for deleting the case, and **5)** Confirm record deletion.

### Does the state update my contact information when my facility undergoes changes?

No. Take a moment to ensure the contact information listed in your trauma registry account is current. Trauma care facility contact information is vital for communication from Wisconsin Trauma Care System personnel. Email is the primary method of communication by DHS staff, so having an outdated email address listed means you may be missing out on important information!



## EDUCATIONAL OPPORTUNITIES



## ImageTrend Patient Registry: Basic Introduction

The purpose of this training is to provide a high-level understanding of the ImageTrend Patient Registry. This training will include a basic overview of the registry dashboard, data entry to the system, and an introduction to the Report Writer application. *This training has no enrollment cap.* Attendees need to call the conference line for audio. No prior registration is required to attend this session.

**Date:** Friday, February 23, 10 a.m. – 12 p.m.

**Webinar Link:** <https://connect.wisconsin.gov/dhsdphanderson/> (link is external)

**Conference Line:** 877-336-1829, Passcode 6413961#

