



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



2018 DATA DICTIONARY

Department of Health Services

Division of Public Health

Office of Health Informatics

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P-02087-17 (03/2018)



THE WISCONSIN TRAUMA PATIENT



Analyses include patients discharged between July 1 and September 30, 2017.

Patient Sex



58%



42%



SUMMARY

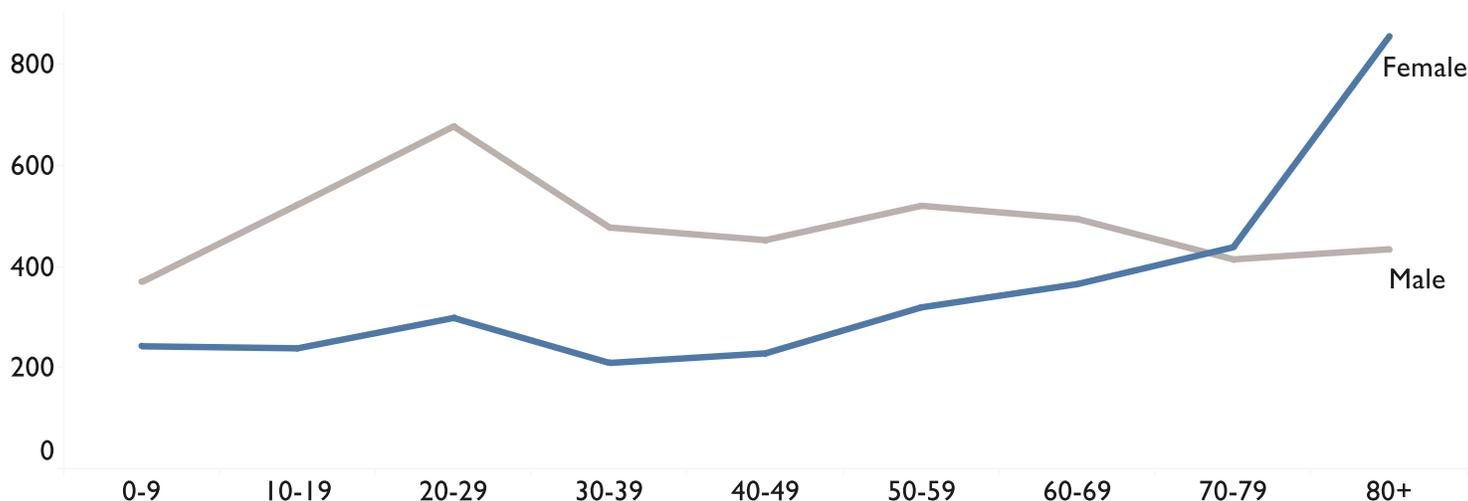


8,862 TRAUMA RECORDS

7,568 TRAUMA PATIENTS

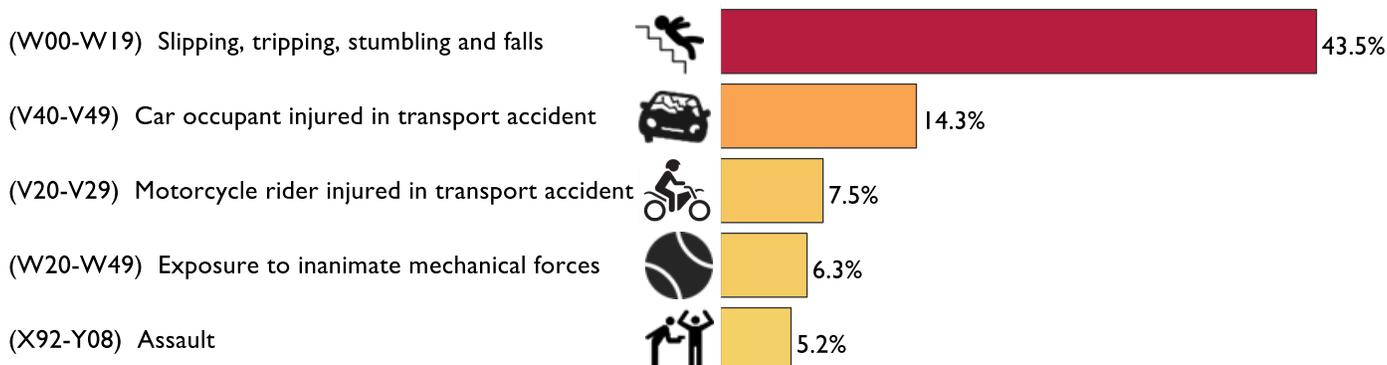
All data for this report were exported on January 29, 2018.

Volume of Patients by Sex and Age Range



Top Five Injury Mechanisms

(V20-V29): Motorcycle rider injured in transport accident increased by just over 4% from quarters 1 and 2



Registry Improvement Initiative: Timeliness

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

Wisconsin trauma care facilities submitted 48% of trauma records within 60 days of patient discharge for Quarter 3. This is a 2% improvement from Quarters 1 and 2 (46%). 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. This value only includes records marked as completed.

Description	Projected Annual Improvements			
	Current	2018	2019	2020
Percentage of cases completed within 60 days of discharge.	48% ↑	70%	75%	80%



CURRENT

47

Average minutes to complete a case

96.5

Average validity score



63 hours spent on duplicate entries

Facilities spent 63 hours creating duplicate cases. If multiple staff are responsible for data entry, be sure to communicate and prevent time spent on duplicate records! Consider building a report tracking recent record creation at your facility.



2018 GOAL

45

Average minutes to complete a case

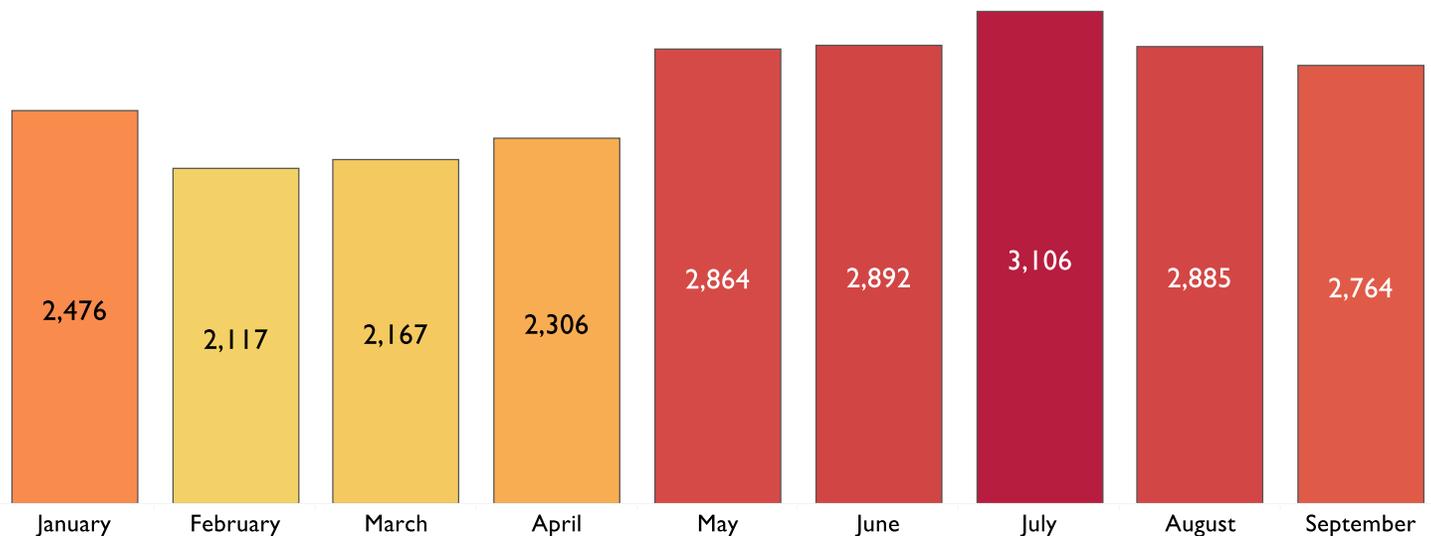
98.0

Average validity score

Patient Volume by Month*

With updated volume of trauma record submissions for Quarters 1 and 2

Consider dedicating additional time or personnel for data entry for patients injured in July to improve submission timeliness.



* Excludes records with missing or invalid emergency department admission dates



New Report Available

Data Feedback Report

This report is a collection of five key data quality indicators. The indicators included are: 1) Abnormal ED length of stay, 2) Abnormal EMS scene time, 3) Records missing an EMS ePCR, 4) Records missing discharge status, and 5) Records with a status of in progress. Consider running this report quarterly, on the data submission deadlines for example, to identify and correct missing data or identified errors.

Frequently Asked Questions

When do I mark my record as completed?

Records should be marked as completed after all available required data have been entered. The current desired threshold for a record's validity score prior to completing a case is 90%. However, critical data may be missing with a validity score above 90%. Thorough review of your trauma record is the best method to ensure quality data.

When can I view my record's validation report?

Users are able to generate detailed validity reports at any point throughout data entry. To generate these reports, move your cursor over the wrench action icon and select "Run Validation." Records meeting both state and National Trauma Data Bank (NTDB) criteria will receive both state and NTDB validation feedback reports.



What is the Hospital Hub?

The Hospital Hub is a database for hospital personnel to have access to pre-hospital patient care reports for patients transported to their facility via EMS. This database will allow access to both WARDS v.2 reports as well as WARDS Elite v.3 reports in PDF format. Pre-hospital reports cannot be migrated into a trauma record from the Hospital Hub. For access to the Hospital Hub, contact your local Hospital Hub administrator.

EDUCATIONAL OPPORTUNITIES

2018 Data Dictionary Available

The 2018 data dictionary has been published and can be found at the link provided below. Updates and improvements to the document include:

- * A new user-friendly format
- * Inclusion criteria clarification and visualization
- * Standardization of report writer element names between transactional and analytical datasets
- * Wisconsin NTDB extension code requirements for third party vendors

<https://www.dhs.wisconsin.gov/publications/p01117.pdf>

